CURRIES

ASSA ABLOY

Updated 11/05/24

TECH MANUAL

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HOLLOW METAL DOORS AND FRAMES

CUR-202-0524

CURRIES
ASSA ABLOY

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CURRIES

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Introduction

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INTRODUCTION

CURRIES HAS ASSEMBLED THIS PRODUCT MANUAL WITH THE INTENT OF ANSWERING AS MANY OF YOUR QUESTIONS AS POSSIBLE ON THESE PAGES. GRAPHIC DEPICTIONS OF ACTUAL PRODUCTS ARE PRESENTED. THERE ARE FIVE SECTIONS IN THIS MANUAL TO SEGREGATE AND SIMPLIFY THE PROCESS OF FINDING YOUR ANSWERS. THE FIVE SECTIONS ARE DESCRIBED BELOW.

CURRIES RESERVES THE RIGHT TO ALTER PRODUCT DESIGNS TO IMPROVE THE QUALITY OF THE PRODUCT. SPECIFIC DETAILS CONTAINED HEREIN ARE CURRENT AS OF THE PRINTING OF THIS MANUAL AND MAY BE CHANGED AT ANY TIME TO ENHANCE THE PRODUCT AND/OR ITS MARKETABILITY.

CURRIES QUALITY SYSTEM HAS BEEN ISO 9001 CERTIFIED BY BVQI, AN INDEPENDENT REGISTRAR. AS SUCH, OUR PROCESSES FROM THE DESIGN OF PRODUCTS AND THE RECEIPT OF ORDERS THROUGH THE SHIPPING OF OUR DOORS AND FRAMES HAVE BEEN DEFINED AND ARE OPERATED IN COMPLIANCE WITH THE ISO 9001 STANDARD. WE BELIEVE ISO 9001 CERTIFICATION HELPS TO ENSURE YOU RECEIVE THE RIGHT PRODUCT AT THE RIGHT PLACE AT THE RIGHT TIME.

PRODUCTS ARE WARRANTED AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR. A COMPLETE DETAILED WARRANTY MAY BE OBTAINED BY CONTACTING THE FACTORY.

GENERAL INFORMATION

THIS SECTION CONTAINS A COPY OF THE CURRENT PRODUCT BROCHURE BRIEFLY DESCRIBING THE MAJORITY OF THE CURRIES STEEL DOORS AND FRAMES. WE HAVE ALSO INCLUDED IN THIS SECTION VARIOUS AMERICAN NATIONAL STANDARDS INSTITUTE/STEEL DOOR INSTITUTE TEST PROCEDURES AND ACCEPTANCE CRITERIA FOR STEEL DOORS AND FRAMES. A COPY OF CURRIES STEEL DOORS AND FRAME CONSTRUCTION SPECIFICATIONS INSTITUTE SPECIFICATION SAMPLE IS ALSO INCLUDED. A SET OF METRIC CONVERSION TABLES COMPLETE THIS SECTION.

LABEL DOORS AND FRAMES

THIS SECTION INCLUDES DOOR AND FRAME INFORMATION REGARDING THE PRODUCTS CURRIES MANUFACTURES AND HAS OBTAINED FIRE RESISTANT LISTINGS ON. A COPY OF SDI BASIC FIRE DOOR REQUIREMENTS IS INCLUDED FOR REFERENCE IN THIS SECTION. THE TWO MOST WIDELY RECOGNIZED AGENCIES, UNDERWRITERS LABORATORIES AND WARNOCK HERSEY-INTERTEK TESTING SERVICES, HAVE GRANTED AUTHORITIES FOR PRODUCTS LISTED IN THIS SECTION. THESE LISTINGS INCLUDE BOTH THE UL10B NEUTRAL PRESSURE AND UL10C POSITIVE PRESSURE TEST METHODS EXCEPT AS NOTED OTHERWISE. WE HAVE ALSO DETAILED IN THIS SECTION A UL LISTED BULLET RESISTANT ASSEMBLY. NOTE THE FRAME AND DOOR TECHNICAL DATA SECTIONS WHICH FOLLOW WILL HAVE EACH PAGE NOTED Ⓛ IN A CIRCLE IF IT IS PART OF A FIRE LISTED ASSEMBLY OR Ⓛ WITH THE X SYMBOL IF THE PRODUCT OR PREPARATION DOES NOT COMPLY. IN RARE INSTANCES A LISTED PRODUCT ON THESE PAGES MAY OR MAY NOT BE LABELED BASED ON THE TOTAL ASSEMBLY USAGE. WHEN IN DOUBT PLEASE CONTACT THE FACTORY.

FRAME TECHNICAL DATA

FRAME DETAILS INCLUDE THE WIDE VARIETY OF KNOCKED DOWN (KD) PROFILES AVAILABLE AS WELL AS THE CUSTOM CAPABILITIES CURRIES HAS MAINTAINED THROUGHOUT ITS HISTORY. THE KD M AND C SERIES PROFILES DOMINATE THE MARKET REQUIREMENTS AND CURRIES HAS A LARGER VARIETY OF THESE PRODUCTS AVAILABLE THAN ANY OTHER MANUFACTURER. HARDWARE PREPARATIONS MORTISED OR REINFORCED FOR SURFACE APPLICATION CAN BE FOUND IN DETAIL. STANDARD PUBLISHED LOCATIONS FOR PREPARATIONS ARE INCLUDED.

DOOR TECHNICAL DATA

CURRIES' VARIETY OF STANDARD AND CUSTOM DOORS FEATURE FULL PERIMETER CHANNEL CONSTRUCTION ENHANCING THE DURABILITY OF THE PRODUCTS AS PROVEN BY EXTENSIVE TESTING. DETAILS OF EACH DOOR SERIES CONSTRUCTION ARE INCLUDED ALONG WITH THE STANDARD COMPLIANT HARDWARE MORTISE AND REINFORCED PREPARATIONS AVAILABLE. STANDARD PUBLISHED LOCATIONS FOR PREPARATIONS ARE INCLUDED.

EMBOSSED PANEL DOORS

THIS "COLONIAL STYLE" DOOR STEEL PATTERN IS USED WITH OUR 707 DOOR SERIES UTILIZING A POLYSTYRENE CORE. GAUGE, STEEL TYPE, AND SIZE OPTIONS ARE DETAILED IN THE SECTION FOR COORDINATION OF HARDWARE APPLICATIONS. SOME HARDWARE APPLICATIONS ARE RESTRICTED DUE TO THE NATURE OF THE EMBOSSMENTS AND THEIR LOCATIONS ON THE FACE OF THE DOOR.

CURRIES DIVISION OF AADG, INC.

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General Information

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SDI TECHNICAL DOCUMENTS

SDI TECHNICAL DOCUMENTS
THE FOLLOWING IS A LIST OF THE CURRENT TECHNICAL DOCUMENTS AVAILABLE FROM THE STEEL DOOR INSTITUTE. ALL OF THESE DOCUMENTS ARE CONTAINED IN THE SDI FACT FILE, AND ARE FOR THE FIRST TIME AVAILABLE TO DOWNLOAD FOR FREE. THE LISTED PRICES ARE FOR ORDERING HARD COPIES, AVAILABLE INDIVIDUALLY IN ANY QUANTITY.

TO DOWNLOAD ANY OF THESE DOCUMENTS FOR FREE GO TO SDI'S WEBSITE AT: WWW.STEELDOOR.ORG/HTML/TECH.HTML

WHAT IS THE SDI?
A 4-PAGE BROCHURE DISCUSSING THE INSTITUTE, ITS ORGANIZATION, STRUCTURE AND ITS ACTIVITIES.

SDI THE STANDARD STEEL DOOR AND FRAME STORY
THIS DOCUMENT PROVIDES AN OVERVIEW OF THE PRODUCTS OF THE INDUSTRY AND GENERAL INFORMATION CONCERNING STANDARD STEEL DOORS AND FRAMES.

SDI-108-10 RECOMMENDED SELECTION AND USAGE GUIDE FOR STANDARD STEEL DOORS
THIS DOCUMENT WAS DEVELOPED TO ESTABLISH GUIDE CRITERIA FOR THE SELECTION AND USAGE OF 1-3/4" AND 1-3/8" STANDARD STEEL DOORS IN SUCH BUILDING TYPES AS APARTMENT, DORMITORY, HOTEL/MOTEL, HOSPITAL/NURSING HOME, INDUSTRIAL, OFFICE AND SCHOOL.

SDI-110-09 STANDARD STEEL DOORS AND FRAMES FOR MODULAR MASONRY CONSTRUCTION
THIS DOCUMENT CONTAINS INFORMATION IN RESPECT TO, AS THE TITLE INDICATES, THE INSTALLATION OF STANDARD STEEL DOORS AND FRAMES IN MODULAR MASONRY CONSTRUCTION. THE BASIC MODULE COVERED IN THE DOCUMENT AS DEVELOPED BY THE INDUSTRY IS 4".

SDI-111-09 (SERIES) RECOMMENDED SELECTION & USAGE GUIDE FOR STANDARD STEEL DOORS, FRAMES AND ACCESSORIES

111-A RECOMMENDED STANDARD STEEL DOOR DETAILS
COVERS RECOMMENDED STEEL DOOR FRAME DETAILS AS THEY ARE AFFECTED BY COMMON WALL CONDITIONS.

111-B RECOMMENDED STANDARD DETAILS FOR DUTCH DOORS

111-C RECOMMENDED LOUVER DETAILS FOR STANDARD STEEL DOORS
THIS DOCUMENT DISCUSSES, EXPLAINS AND DETAILS A VARIETY OF LOUVER DESIGNS AND SIZE AVAILABLE FOR STANDARD STEEL DOORS

111-D RECOMMENDED DOOR, FRAME AND HARDWARE SCHEDULE FOR STANDARD STEEL DOORS AND FRAMES
CONTAINS A SUGGESTED DOOR, FRAME AND HARDWARE SCHEDULE FORM AND DEFINES "HANDING".

111-E RECOMMENDED GUIDELINES FOR THE USE OF GASKETING AND THRESHOLDS FOR STANDARD STEEL DOORS AND FRAMES
CONTAINS DETAILS WHICH REPRESENT THE RECOMMENDATIONS OF THE SDI IN RESPECT TO WEATHER-STRIPPING OF STANDARD STEEL DOORS AND FRAMES.

111-F RECOMMENDED EXISTING WALL ANCHORS FOR STANDARD STEEL DOORS AND FRAMES
A GUIDE FOR ARCHITECTS TO AID THEM IN RECOGNIZING AVAILABLE OPTIONS TO THE TRADITIONAL SUB BUCK DETAIL WHICH HAS BEEN WIDELY USED IN THE PAST. IT ILLUSTRATES ANCHORING SYSTEMS WHICH ARE AVAILABLE IN REGULAR AND LABELED FRAMES.

111-G RECOMMENDED STANDARD PREPARATION FOR DOUBLE TYPE (INTERCONNECTED) LOCKS ON STANDARD STEEL DOORS AND FRAMES
DIMENSIONS FOR STANDARD DOOR AND FRAME PREPARATION FOR DOUBLE TYPE (INTERCONNECTED) LOCKS.

111-H HIGH FREQUENCY HINGE PREPARATIONS FOR FRAMES
SPECIFICATIONS FOR STEEL FRAMES USED IN EXTREMELY HIGH FREQUENCY OR HIGH USE AREAS WHICH NEED TO BE SUPPLIED WITH ADDITIONAL REINFORCING TO ELIMINATE POTENTIAL DOOR SAG.

SDI-112-08 ZINC-COATED (GALVANIZED/ GALVANNEALED) STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT PROVIDES INFORMATION REGARDING THE GALVANIZED SHEET USED IN STANDARD STEEL DOOR AND FRAME CONSTRUCTION WHEN A REQUIREMENT FOR GALVANIZED DOORS AND FRAMES IS SPECIFIED.

SDI-113-13 STANDARD PRACTICE FOR DETERMINING THE STEADY STATE THERMAL TRANSMITTANCE OF STEEL DOOR AND FRAME ASSEMBLIES
THIS DOCUMENT ESTABLISHES A MINIMUM STANDARD AND A METHOD OF TEST FOR THERMAL EFFECTIVENESS OF STEEL DOOR AND FRAME ASSEMBLIES UNDER CIRCUMSTANCES THAT MIGHT REASONABLY BE CONSIDERED NORMAL FIELD APPLICATIONS AND CONDITIONS.

SDI TECHNICAL DOCUMENTS (CONTINUED)

SDI-117-09 MANUFACTURING TOLERANCES FOR STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT IS INTENDED TO FURNISH USERS AND PROSPECTIVE USERS OF STANDARD STEEL DOORS AND FRAMES WITH PRACTICAL INFORMATION REGARDING MORTISE AND MANUFACTURING TOLERANCES FOR BOTH DOORS AND FRAMES.

SDI-118-12 BASIC FIRE DOOR, FIRE DOOR FRAME, TRANSOM/SIDELIGHT FRAME, AND WINDOW FRAME REQUIREMENTS
THIS DOCUMENT CONTAINS RULES AND OTHER INFORMATION IN A CONDENSED AND SIMPLIFIED MANNER IN RESPECT TO CODE REQUIREMENTS FOR THE DESIGN AND USE OF FIRE DOORS.

SDI-122-07 INSTALLATION AND TROUBLESHOOTING GUIDE FOR STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT COVERS FIELD INSTALLATION PROBLEMS MOST COMMONLY EXPERIENCED WITH STANDARD STEEL DOOR AND FRAME INSTALLATIONS. MOST PROBLEMS ENCOUNTERED ARE BECAUSE OF INAPPROPRIATE APPLICATION OF THE PRODUCTS AND/OR IMPROPER INSTALLATION.

SDI-124-11 MAINTENANCE OF STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT IS INTENDED TO SERVE AS A GENERAL OUTLINE OF MAINTENANCE ACTIVITIES NEEDED FOR HOLLOW METAL DOORS AND FRAMES. IT SHOULD BE NOTED THAT THE DOOR AND FRAME ARE VIRTUALLY MAINTENANCE FREE. MAINTENANCE WILL BE, FOR THE MOST PART, ASSOCIATED WITH ACCESSORIES AND HARDWARE ATTACHED TO THE DOOR AND FRAME.

SDI-127 SERIES - INDUSTRY ALERTS (A THROUGH L)

127-A END CLOSURE

127-B DOOR EDGE CUTOUTS

127-C FRAME CUTOUT LIMITS

127-D ELECTRIC STRIKES IN STUD WALLS

127-E PRIME PAINTED MATERIALS ALERT

127-F BUTTED FRAMES ROUGH OPENING SIZES

127-G ENVIRONMENTAL CONSIDERATIONS RELATING TO FACTORY PAINTED STEEL DOORS AND FRAMES

127-H WATER PENETRATION

127-I GROUTING FRAMES IN DRYWALL

127-J BITUMINOUS BACK-COATING OF FRAMES

127-K IMPROPER WEDGES AS HOLD-OPENS

127-L BUYER BEWARE: STEEL DOORS WITH LEAD-BASED PRIMER

SDI-128-09 GUIDELINES FOR ACOUSTICAL PERFORMANCE OF STANDARD STEEL DOORS AND FRAMES
THIS DOCUMENT SHALL PROVIDE GUIDELINES FOR THE SPECIFYING, DESIGNING, INSTALLING, AND ADJUSTING OF STANDARD STEEL DOORS AND FRAMES IN SOUND CONTROL APPLICATIONS.

SDI-129-12 HINGE AND STRIKE SPACING
A REFERENCE OF STANDARD LOCATIONS USED IN THE MANUFACTURE OF STEEL DOOR AND FRAMES BY SDI MEMBER COMPANIES FOR A VARIETY OF DOOR SIZES.

SDI-130-05 ELECTRONIC HINGE PREPARATIONS
PRACTICAL INFORMATION REGARDING AN ACCEPTABLE METHOD FOR PREPARING FRAMES FOR 4-1/2" ELECTRIC HINGES. THIS DOCUMENT WILL ALLOW FRAME MANUFACTURERS TO PROVIDE FRAMES PRIOR TO HAVING KNOWLEDGE OF THE SPECIFIC ELECTRIC HINGE BEING USED.

SDI-131-10 ACCELERATED PHYSICAL ENDURANCE TEST PROCEDURE FOR STEEL DOORS
THIS TEST PROCEDURE PROVIDES MANUFACTURERS WITH A METHOD OF QUICKLY TESTING THE PERFORMANCE OF DOORS.

ANSI STANDARDS

ANSI STANDARDS
THE SDI HAS PROMULGATED THE FOLLOWING ANSI STANDARDS AND TEST METHODS. ALL OF THE SDI MEMBER COMPANIES STRESS THE PERFORMANCE OF STANDARD STEEL DOOR PRODUCTS AND THOSE PRODUCTS HAVE BEEN TESTED TO MEET THE ACCEPTANCE CRITERIA OR REQUIREMENTS CONTAINED IN THESE STANDARDS.

ALL OF THESES DOCUMENTS ARE CONTAINED IN THE SDI FACT FILE, AND ARE FOR THE FIRST TIME AVAILABLE TO DOWNLOAD FOR FREE.

TO DOWNLOAD ANY OF THESE DOCUMENTS FOR FREE GO TO SDI'S WEBSITE AT: WWW.STEELDOOR.ORG/HTML/ANSI.HTML

A250.3-2007 (R2011) TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR FACTORY APPLIED FINISH COATINGS FOR STEEL DOORS AND FRAMES
PRESCRIBES THE PROCEDURE TO BE FOLLOWED IN THE SELECTION OF MATERIAL, CHEMICAL PREPARATION, PAINTING, TESTING, AND EVALUATION OF FACTORY APPLIED FINISH PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES.

A250.4-2011 TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR PHYSICAL ENDURANCE FOR STEEL DOORS AND HARDWARE REINFORCING
A STANDARD METHOD OF TESTING THE PERFORMANCE OF A STEEL DOOR MOUNTED IN A PRESSED STEEL OR CHANNEL IRON FRAME UNDER CONDITION THAT MIGHT BE CONSIDERED AN ACCELERATED FIELD OPERATING CONDITIONS.

A250.6-2003 (R2009) RECOMMENDED PRACTICE FOR HARDWARE REINFORCING ON STANDARD STEEL DOORS AND FRAMES
PROVIDES USERS OF STANDARD STEEL DOORS AND FRAMES WITH PRACTICAL INFORMATION REGARDING ACCEPTED DESIGN METHODS FOR REINFORCING, AND RECOMMENDED PRACTICES FOR PROPER FIELD PREPARATION AND INSTALLATION OF BUILDERS HARDWARE.

A250.8-2003 (R2008) RECOMMENDED SPECIFICATIONS FOR STANDARD STEEL DOORS AND FRAMES (FORMERLY SDI-100)
THIS SPECIFICATION FOR SWINGING STEEL DOORS AND FRAMES OFFERS A NUMBER OF CHOICES IN BOTH REGULAR AND FIRE RATED DOOR AND FRAME CONSTRUCTIONS. THE USER MUST SELECT FROM THE SPECIFICATION THE SPECIFIC GRADES OF DOORS AND FRAMES THAT BEST APPLY TO THE PROJECT.

THIS SPECIFICATION COVERS SIZES, TYPES, MATERIALS, GENERAL CONSTRUCTION REQUIREMENTS AND FINISHING OF 1-3/4 IN EXTRA HEAVY DUTY STEEL DOORS, 1-3/4 IN HEAVY DUTY STEEL DOORS, 1-3/4 IN AND 1-3/8 IN STANDARD DUTY STEEL DOORS, TOGETHER WITH FRAMES AND ACCESSORIES. THEY ARE INTENDED TO BE STANDARD ITEMS NOT SUBJECT TO VARIATIONS.

A250.10-1998 (R2011)TEST PROCEDURE AND ACCEPTANCE CRITERIA FOR PRIME PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES (R2004)
PROCEDURES FOR THE SELECTION OF MATERIAL, CHEMICAL PREPARATION, PAINTING, TESTING AND EVALUATION OF PRIME PAINTED STEEL SURFACES FOR STEEL DOORS AND FRAMES.

A250.11-2012 RECOMMENDED ERECTION INSTRUCTIONS FOR STEEL FRAMES
THIS DOCUMENT INCLUDES INFORMATION IN RESPECT TO STORAGE OF FRAMES ON THE JOBSITE, GROUTING AND BACK PAINTING OF FRAMES AND ASSEMBLY OF FRAMES. IT CONTAINS INSTRUCTIONS IN RESPECT TO BRACING FRAMES BEFORE WALL CONSTRUCTION AND THE INSTALLATION OF FRAMES IN MASONRY, STEEL STUD WALL CONSTRUCTION, WOOD STUD WALL CONSTRUCTION AND DRYWALL CONSTRUCTION.

A250.13-2008 TESTING AND RATING OF SEVERE WINDSTORM RESISTANT COMPONENTS FOR SWINGING DOOR ASSEMBLIES
THIS STANDARD PROVIDES PROCEDURES FOR TESTING AND ESTABLISHING LOAD RATINGS (DESIGN LOAD IN POUNDS PER SQUARE FOOT OR POUNDS FORCE) FOR COMPONENTS OF EXTERIOR SWINGING DOOR ASSEMBLIES. IT IS THE INTENT OF THIS DOCUMENT TO TEST THE PROTECTION OF OPENINGS DURING SEVERE WINDSTORM CONDITIONS, SUCH AS A HURRICANE, THAT PRODUCES SUSTAINED WIND SPEEDS OR GUSTS IN A RANGE OF 110 TO 150 MILES PER HOUR AS DEFINED BY ASCE 7-02. IT IS NOT INTENDED TO SIMULATE WIND FORCES GENERATED BY TORNADOES.

METRIC CONVERSION GUIDE

THIS GUIDE HAS BEEN PREPARED TO ESTABLISH METRIC EQUIVALENTS FOR CURRENT STANDARD DIMENSIONS ON CURRIES' DOORS AND FRAMES. IT IS INTENDED FOR IN-HOUSE USE AT THIS TIME. ALL NUMBERS USED HAVE BEEN CALCULATED USING A "SOFT" CONVERSION METHOD. THIS MEANS THAT ALL EXISTING SIZES AND DIMENSIONS REMAIN THE SAME. THE DIMENSIONS ARE SIMPLY CONVERTED TO METRIC NUMBERS. IT IS UNKNOWN AT THIS TIME WHETHER OR NOT CURRIES' WILL EVER UNDERGO A "HARD" METRIC CONVERSION. THIS TYPE OF CONVERSION INVOLVES CHANGING THE ACTUAL PRODUCT DIMENSIONS TO ROUND METRIC NUMBERS. WE HAVE USED A CONVERSION FACTOR OF 1" = 25.4 MM (EXACTLY). NOMINAL DIMENSIONS ARE THOSE BY WHICH A COMPONENT IS USUALLY IDENTIFIED, I.E. 3070 DOOR. NET DIMENSIONS ARE THE ACTUAL FINISHED SIZE DIMENSIONS OF THE PRODUCT, I.E. A 3070 NOMINAL DOOR SIZE IS A 35-13/16" X 83-1/4" NET DOOR SIZE.

CONVERSION EXAMPLE: CONVERT A 3070 DOOR AND FRAME TO METRIC DIMENSIONS.	
FRAME OPENING WIDTH (NOMINAL):	36" X 25.4 MM = 914.4 MM = 914 MM
FRAME OPENING LENGTH (NOMINAL):	84" X 25.4 MM = 2133.6 MM = 2134 MM
FRAME OPENING WIDTH (NET):	36" X 25.4 MM = 914.4 MM
FRAME OPENING LENGTH (NET):	84" X 25.4 MM = 2133.6 MM
SO, THE NOMINAL OPENING SIZE IS 914 MM X 2134 MM, AND THE NET OPENING SIZE IS 914.4 MM X 2133.6 MM.	
DOOR WIDTH (NOMINAL):	36" X 25.4 MM = 914.4 MM = 914 MM
DOOR HEIGHT (NOMINAL):	84" X 25.4 MM = 2133.6 MM = 2134 MM
DOOR WIDTH (NET):	3/16" UNDERSIZE = 3/16" X 25.4 MM = 4.8 MM 36" X 25.4 MM = 914.4 MM – 4.8 MM = 909.6 MM
DOOR HEIGHT (NET):	3/4" UNDERSIZE = 3/4" X 25.4 MM = 19 MM 84" X 25.4 MM = 2133.6 MM – 19 MM = 2114.6 MM
SO, THE NOMINAL DOOR SIZE IS 914 MM X 2134 MM AND THE NET DOOR SIZE IS 909.6 MM X 2114.6 MM.	

THE ATTACHED DOCUMENTATION SHOWS NOMINAL AND NET CONVERSIONS FOR:	
FRAME OPENING HEIGHT & WIDTH	DOOR HEIGHT & WIDTH
STOP HEIGHTS	FRAME FACES
STEEL GAUGES–PREFERRED	DOOR THICKNESS
FRAME RETURNS	FRAME THROAT OPENINGS
FRAME JAMB DEPTHS (3" – 14-7/8")	

METRIC CONVERSION GUIDE

FRAME OPENING WIDTH		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1’0”	305	304.8
1’2”	356	355.6
1’4”	406	406.4
1’6”	457	457.2
1’8”	508	508
1’10”	559	558.8
2’0”	610	609.6
2’2”	660	660.4
2’4”	711	711.2
2’6”	762	762
2’8”	813	812.8
2’10”	864	863.6
3’0”	914	914.4
3’2”	965	965.2
3’4”	1016	1016
3’6”	1067	1066.8
3’8”	1118	1117.6
3’10”	1168	1168.4
4’0”	1219	1219.2
5’0”	1524	1524
6’0”	1829	1828.8
7’0”	2134	2133.6

DOOR OPENING WIDTH		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
		(NOM.- 3/16” [4.8])
ENGLISH	METRIC	METRIC
1’0”	305	300.0
1’2”	356	350.8
1’4”	406	401.6
1’6”	457	452.4
1’8”	508	503.2
1’10”	559	554.0
2’0”	610	604.8
2’2”	660	655.6
2’4”	711	706.4
2’6”	762	757.2
2’8”	813	808.0
2’10”	864	858.8
3’0”	914	909.6
3’2”	965	960.4
3’4”	1016	1011.2
3’6”	1067	1062.0
3’8”	1118	1112.8
3’10”	1168	1163.6
4’0”	1219	1214.4
5’0”	1524	1519.2
6’0”	1829	1824.0
7’0”	2134	2128.8

FRAME OPENING HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
6’6”	1981	1981.2
6’8”	2032	2032
6’10”	2083	2082.8
7’0”	2134	2133.6
7’2”	2184	2184.4
7’4”	2235	2235.2
7’6”	2286	2286
7’8”	2337	236.8
7’10”	2388	2387.6
8’0”	2438	2438.4

DOOR OPENING HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
		(NOM.- 3/4” [19])
ENGLISH	METRIC	METRIC
6’6”	1981	1962.2
6’8”	2032	2013.0
6’10”	2083	2063.8
7’0”	2134	2114.6
7’2”	2184	2165.5
7’4”	2235	2216.2
7’6”	2286	2267.0
7’8”	2337	2317.8
7’10”	2388	2368.6
8’0”	2438	2419.4

METRIC CONVERSION GUIDE

STOP HEIGHT		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1/2”	12	12.7
5/8”	16	15.9
3/4”	19	19.0
1”	25	25.4
1-1/4”	32	31.7

STEEL GAUGES		
GAUGE	ENGLISH	METRIC
20	.032”	.08
18	.042”	1.1
16	.053”	1.3
14	.067”	1.7
12	.093”	2.4

FRAME RETURNS		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
3/8”	10	9.5
7/16”	11	11.1
1/2”	13	12.7

FRAME FACES		
NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
ENGLISH	METRIC	METRIC
1”	25	25.4
1-1/4”	32	31.8
1-1/2”	38	38.1
1-3/4”	44	44.5
2”	51	50.8
4”	102	101.6

FRAME FACES			
	NOMINAL WIDTH	NOMINAL WIDTH	NET (ACTUAL)
GA.	ENGLISH	METRIC	METRIC
20	1-3/4”	45	43.9
18	1-3/4”	45	44.5
16	1-3/4”	45	44.9
14	1-3/4”	45	45.8
20	1-3/8”	35	34.3
18	1-3/8”	35	34.9
16	1-3/8”	35	35.3
14	1-3/8”	35	36.3

FRAME FACES			THROAT OPENING (1/2” RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC	NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
3”	76	76.2	2”	51	50.8
3-1/8”	79	79.4	2-1/8”	54	54.0
3-1/4”	83	82.6	2-1/4”	57	57.2
3-3/8”	86	85.7	2-3/8”	60	60.3
3-1/2”	89	88.9	2-1/2”	64	63.5
3-5/8”	92	92.1	2-5/8”	67	66.7
3-3/4”	96	95.3	2-3/4”	70	69.9
3-7/8”	98	98.4	2-7/8”	73	73.0
4”	102	101.6	3”	76	76.2
4-1/8”	105	104.8	3-1/8”	79	79.4
4-1/4”	108	108.0	3-1/4”	83	82.6
4-3/8”	111	111.1	3-3/8”	86	85.7
4-1/2”	114	114.3	3-1/2”	89	88.9
4-5/8”	118	117.5	3-5/8”	92	92.1
4-3/4”	121	120.7	3-3/4”	96	95.3
4-7/8”	124	123.8	3-7/8”	98	98.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

METRIC CONVERSION GUIDE

JAMB DEPTH				THROAT OPENING (1/2" RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC		NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
5"	127	127.0		4"	102	101.6
5-1/8"	130	130.2		4-1/8"	105	104.8
5-1/4"	133	133.4		4-1/4"	108	108.0
5-3/8"	137	136.5		4-3/8"	111	111.1
5-1/2"	140	139.7		4-1/2"	114	114.3
5-5/8"	143	142.9		4-5/8"	118	117.5
5-3/4"	146	146.1		4-3/4"	121	120.7
5-3/4" *	146	146.1	(7/16" RET)	4-7/8"	124	123.8
5-7/8"	149	149.2		4-7/8"	124	123.8
6"	152	152.4		5"	127	127.0
6-1/8"	156	155.6		5-1/8"	130	130.2
6-1/4"	159	158.8		5-1/4"	133	133.4
6-3/8"	162	161.9		5-3/8"	137	136.5
6-1/2"	165	165.1		5-1/2"	140	139.7
6-5/8"	168	168.3		5-5/8"	143	142.9
6-3/4"	172	171.5		5-3/4"	146	146.1
6-7/8"	175	174.6		5-7/8"	149	149.2
7"	178	177.8		6"	152	152.4
7-1/8"	181	181.0		6-1/8"	156	155.6
7-1/4"	184	184.2		6-1/4"	159	158.8
7-3/8"	187	187.3		6-3/8"	162	161.9
7-1/2"	191	190.5		6-1/2"	165	165.1
7-5/8"	194	193.7		6-5/8"	168	168.3
7-3/4"	197	196.9		6-3/4"	172	171.5
7-7/8"	200	200.0		6-7/8"	175	174.6
8"	203	203.2		7"	178	177.8
8-1/8"	206	206.4		7-1/8"	181	181.0
8-1/4"	210	209.6		7-1/4"	184	184.2
8-3/8"	213	212.7		7-3/8"	187	187.3
8-1/2"	216	215.9		7-1/2"	191	190.5
8-5/8"	219	219.1		7-5/8"	194	193.7
8-3/4"	222	222.3		7-3/4"	197	196.9
8-7/8"	225	225.4		7-7/8"	200	200.0
9"	229	228.6		8"	203	203.2
9-1/8"	232	231.8		8-1/8"	206	206.4
9-1/4"	235	235.0		8-1/4"	210	209.6
9-2/8"	238	238.1		8-3/8"	213	212.7
9-1/2"	241	241.3		8-1/2"	216	215.9
9-5/8"	245	244.5		8-5/8"	219	219.1
9-3/4"	248	247.7		8-3/4"	222	222.3
9-7/8"	251	250.8		8-7/8"	225	225.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

METRIC CONVERSION GUIDE

JAMB DEPTH				THROAT OPENING (1/2" RETURNS)		
NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC		NOMINAL ENGLISH	NOMINAL METRIC	NET (ACTUAL) METRIC
10"	254	254.0		9"	229	228.6
10-1/8"	257	257.2		9-1/8"	232	231.8
10-1/4"	260	260.0		9-1/4"	235	235.0
10-3/8"	264	263.5		9-3/8"	238	238.1
10-1/2"	267	266.7		9-1/2"	241	241.3
10-5/8"	270	269.9		9-5/8"	245	244.5
10-3/4"	273	273.1		9-3/4"	248	247.7
10-7/8"	276	276.2		9-7/8"	251	250.8
11"	279	279.4		10"	254	254.0
11-1/8"	283	282.6		10-1/8"	257	257.2
11-1/4"	286	285.8		10-1/4"	260	260.4
11-3/8"	289	288.9		10-3/8"	264	263.5
11-1/2"	292	292.1		10-1/2"	267	266.7
11-5/8"	295	295.3		10-5/8"	270	269.9
11-3/4"	299	298.5		10-3/4"	273	273.1
11-7/8"	302	301.6		10-7/8"	276	276.2
12"	305	304.8		11"	279	279.4
12-1/8"	308	308.0		11-1/8"	283	282.6
12-1/4"	311	311.2		11-1/4"	286	285.8
12-3/8"	314	314.3		11-3/8"	289	288.9
12-1/2"	318	317.5		11-1/2"	292	292.1
12-5/8"	321	320.7		11-5/8"	295	295.3
12-3/4"	324	323.9		11-3/4"	299	289.5
12-7/8"	327	327.0		11-7/8"	302	301.6
13"	330	330.2		12"	305	304.8
13-1/8"	333	333.4		12-1/8"	308	308.0
13-1/4"	337	336.6		12-1/4"	311	311.2
13-3/8"	340	339.7		12-3/8"	314	314.3
13-1/2"	343	342.9		12-1/2"	318	317.5
13-5/8"	346	346.1		12-5/8"	321	320.7
13-3/4"	349	349.2		12-3/4"	324	323.9
13-7/8"	352	352.4		12-7/8"	327	327.0
14"	356	355.6		13"	330	330.2
14-1/8"	359	358.8		13-1/8"	333	333.4
14-1/4"	362	361.9		13-1/4"	337	336.6
14-3/8"	365	365.1		13-3/8"	340	339.7
14-1/2"	368	368.3		13-1/2"	343	342.9
14-5/8"	371	371.5		13-5/8"	346	346.1
14-3/4"	375	374.6		13-3/4"	349	349.2
14-7/8"	378	377.8		13-7/8"	352	352.4

ALL METRIC DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE

RECOMMENDED PAINTING INSTRUCTION

FIELD PAINTING:
STEEL DOORS AND FRAMES ARE PROVIDED WITH A PRIMER PAINT FINISH THAT IS INTENDED AS A PREPARATORY BASE FOR FIELD APPLICATION OF A TOP (FINISH) COAT OF PAINT. THE PRIMER PAINT COAT IS NOT DESIGNED TO BE THE FINAL LAYER OF PROTECTION FROM ENVIRONMENTAL ELEMENTS. IT IS DESIGNED TO PROVIDE PROTECTION TO THE STEEL SURFACE DURING NORMAL STORAGE, SHIPPING, AND INSTALLATION AT THE JOBSITE AND TO PROVIDE A UNIFORM BASE FOR FINISH PAINTING. FINISH PAINTING IS NECESSARY. IT IS RECOMMENDED THAT THE FINISH PAINT BE APPLIED TO THE DOOR AFTER INSTALLATION IS COMPLETED. IT IS THE RESPONSIBILITY OF THE END USER TO MAINTAIN THE INTEGRITY OF THE FINISH AFTER INSTALLATION.

LOW GLOSS OIL BASED PAINTS ARE RECOMMENDED AS FINISH PAINT.
WE DO NOT RECOMMEND THE USE OF WATER BASED FINISH COATS SUCH AS LATEX, ACRYLIC, POLY-VINYL ACETATE EMULSION FINISHES. HOWEVER, IF ANY OF THESE MATERIALS ARE USED AS A FINISH COAT, YOU SHOULD FIRST REPAINT THE DOOR OR FRAME WITH A PRIMER WITH RUST INHIBITORS RECOMMENDED BY YOUR PAINT MANUFACTURER FOR BARE STEEL. IF THE DOOR IS NOT RE-PRIMED, ALL SCRATCHES AND NICKS THAT EXPOSE BARE STEEL WILL DEVELOP RUST.

USGBC LEED REQUIREMENTS
UNDER UNITED STATES GREEN BUILDING COUNCIL LEED CREDIT EQ 4.2, ANY PAINTS AND COATINGS ARE LIMITED ON THE VOC CONTENT THAT CAN BE APPLIED AT THE JOBSITE. THIS MAY REQUIRE THE PAINTER TO USE A LATEX PAINT FOR DOORS AND FRAMES. IF THIS IS REQUIRED THEN IT IS THE RESPONSIBILITY OF THE PAINTING CONTRACTOR TO RE-PRIME THE DOORS AND FRAMES PER CURRIES RECOMMENDATION (SEE ABOVE).

RECOMMENDED PAINTING INSTRUCTIONS:
FIRST REPAIR ANY DENTS OR SCRATCHES WHICH OCCURRED DURING INSTALLATION. SAND THE PRIMER FINISH LIGHTLY WITH A VERY FINE SAND PAPER; BE SURE THE SURFACE IS CLEAN AND DRY. PAINT WITH A LOW GLOSS OIL BASE TRIM PAINT. IF THE PRIMER HAS BEEN SCRATCHED OR DAMAGED SO THAT RUSTING HAS OCCURRED, SAND LIGHTLY WITH STEEL WOOL OR FINE SANDPAPER TO REMOVE ALL TRACES OF RUST (ANY RUST NOT REMOVED WILL EVENTUALLY BECOME ACTIVE AND BLEED THROUGH ANY SUBSEQUENT TOP COATS.) AFTER ALL RUST HAS BEEN REMOVED AND YOU ARE SURE THE SURFACE IS CLEAN, DRY, AND FREE OF ANY FOREIGN MATERIAL, APPLY A RUST INHIBITIVE PRIMER OVER THE ENTIRE REPAIR AREA AND THEN PAINT THE DOOR WITH A LOW GLOSS OIL BASE TRIM PAINT.

DENT REPAIR:
SAND TO BARE METAL (INCLUDING AREA AROUND DENT) WITH #80 SAND PAPER. APPLY TWO COMPONENT PLASTIC BODY FILLER, MIXED AS DIRECTED ON THE CONTAINER, TO THE DEPRESSED AREA. AFTER FILLER HAS CURED THOROUGHLY, SAND WITH #100 GRIT SAND PAPER TO A SMOOTH FLAT SURFACE. FINISH SAND WITH 240 OR 300 GRIT SAND PAPER AS NEEDED. BE SURE SURFACE IS CLEAN AND DRY, AND FREE OF ANY FOREIGN MATERIAL. APPLY A RUST INHIBITIVE PRIMER OVER ENTIRE REPAIR AREA AND LET DRY FOR 24 HOURS BEFORE FINISH PAINTING.

SCRATCHES:
FEATHER SCRATCH TO THE BARE METAL WITH #300 SAND PAPER. BE SURE SURFACE IS CLEAN, DRY, AND FREE OF ANY FOREIGN MATERIAL. APPLY A RUST INHIBITIVE PRIMER OVER ENTIRE REPAIR AREA AND LET DRY FOR 24 HOURS BEFORE FINISH PAINTING.

SPECIAL PAINTING NOTE FOR 747, 847, AND 857 DOORS:
THE PRODUCTION OF STEEL DOORS AND FRAMES RELIES ON A VARIETY OF MANUFACTURING PROCESSES INCLUDING SPOT WELDING, PROJECTION WELDING, ARC WELDING GROUND SMOOTH, GRINDING, FILLING, ETC. THESE PROCESSES MAY RESULT IN A SHOW-THROUGH AFTER APPLICATION OF FINISHED PAINT. THESE CHARACTERISTICS ARE INHERENT IN PRODUCTION AND ARE NOT TO BE CONSIDERED AS MANUFACTURING DEFECTS.

THE SHOW-THROUGH CHARACTERISTICS INCREASE AS THE PAINT GLOSS INCREASES. ANSI A250.8 (SDI 100) RECOMMENDS A MAXIMUM PAINT GLOSS RATING OF 20% REFLECTANCE, MEASURED USING A 60˚ GLOSS METER, WHICH SHOULD BE SUITABLE FOR MOST APPLICATIONS. TRANSLUCENT PAINTS MAY EMPHASIZE SHOW-THROUGH CHARACTERISTICS AND THEIR USE IS NOT RECOMMENDED.

RECOMMENDED PROCEDURE FOR RECEIVING AND STORAGE OF STEEL DOORS AND FRAMES

DELIVERY AND RECEIVING OF MATERIAL:
UPON DELIVERY, ALL MATERIAL SHALL BE THOROUGHLY INSPECTED FOR DAMAGE. SHOULD DAMAGED MATERIAL BE FOUND, THE GENERAL CONTRACTOR HAS THE OPTION OF REFUSING DELIVERY OR TO ACCEPT THE MATERIAL AS DAMAGED. ANY DAMAGED ITEMS SHOULD BE NOTED ON THE FREIGHT BILL. CLAIMS WILL NOT BE HONORED BY THE FREIGHT CARRIER, UNLESS THE DAMAGED ITEMS ARE NOTED ON THE FREIGHT BILL AT THE TIME OF DELIVERY. THE GENERAL CONTRACTOR MUST TELEPHONE OR WRITE THE LOCAL OFFICE OF THE FREIGHT CARRIER AND REQUEST AN INSPECTION OF THE DAMAGE. THE CONTRACTOR SHALL CONTACT THE HOLLOW METAL DISTRIBUTOR IMMEDIATELY OF ANY ITEM SIGNED FOR AS DAMAGE. THIS PROCEDURE WILL HELP TO EXPEDITE THE REPAIR OR REPLACEMENT OF THE DAMAGED ITEMS AND THE PROCESSING OF THE DAMAGE CLAIM WITH THE FREIGHT CARRIER.

SHOULD THE GENERAL CONTRACTOR DISCOVER ANY DAMAGE OR ERROR IN THE HOLLOW METAL DELIVERED TO THE JOB SITE, IT IS IMPERATIVE THAT THE HOLLOW METAL DISTRIBUTOR BE NOTIFIED BEFORE INITIATING ANY CORRECTIVE MEASURE IN THE FIELD, SO THAT THE HOLLOW METAL DISTRIBUTOR AND MANUFACTURER CAN PARTICIPATE IN SOLVING THE PROBLEM. FAILURE TO DO SO COULD RESULT IN THE CANCELLATION OF THE WARRANTY AND/OR FIRE LABEL. IF CLAIM IS TO BE MADE FOR ANY ERROR OR DEFICIENCY IN THE HOLLOW METAL WORK ITSELF, IT IS IMPERATIVE THAT THE HOLLOW METAL DISTRIBUTOR BE NOTIFIED BEFORE INITIATING ANY CORRECTIVE WORK IN THE FIELD.

THE CONTRACTOR RESPONSIBLE FOR INSTALLATION SHALL SEE THAT ANY SCRATCHES OR DISFIGUREMENT CAUSED IN SHIPPING OR HANDLING ARE PROMPTLY CLEANED AND TOUCHED UP WITH A RUST INHIBITIVE PRIMER.

ON SITE STORAGE:
PROPER STORAGE OF HOLLOW METAL WORK AT THE CONSTRUCTION SITE WILL HELP TO PREVENT DAMAGE TO THE PRIMER COAT OF PAINT. PRIME COATED STEEL MUST BE PROTECTED WHEN EXPOSED TO THE ELEMENTS, INCLUDING HIGH HUMIDITY, SALT, AIR, AND/OR DAMP WRAPPINGS.

PARTICULAR ATTENTION MUST, THEREFORE, BE GIVEN TO STEEL PRODUCTS HAVING A SHOP COAT OF PRIME PAINT. BECAUSE THE PROTECTIVE SHOP COAT MUST BE POROUS TO PROPERLY RECEIVE AND HOLD TOP COATS, WATER OR MOISTURE IN CONTACT WITH PRIMER COATED STEEL WILL SEEP THROUGH TO THE STEEL BY CAPILLARY ACTION. AN ELECTROLYTIC ACTION THEN FOLLOWS, RESULTING IN CORROSION AND CAUSING THE PAINT FILM TO LOSE ADHESION. THE PRESENCE OF OXYGEN AT THE WATER-AIR INTERFACE BEHIND THE LOOSENED PAINT FILM ACCELERATES CORROSIVE ACTION AND THE PRIME COAT FURTHER DETERIORATES.
EVEN WHEN HOT-DIP GALVANIZING IS USED TO PROVIDE A CORROSION RESISTANT BASE COAT ON STEEL, MANUFACTURERS OF HOLLOW METAL DOORS HAVE FOUND THAT ONE WEEK OF PRODUCT EXPOSURE TO WATER, BECAUSE OF IMPROPER STORAGE, CAN BE EQUIVALENT TO AT LEAST A YEAR OF OUTDOOR EXPOSURE TO THE ELEMENTS.
NOTE: PAINT MANUFACTURERS ADVISE THAT THE PRIMER TYPICALLY USED BY HOLLOW METAL MANUFACTURERS SHOULD RECEIVE A FINISH COAT OF PAINT WITHIN 30 DAYS OF DELIVERY. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO SAND, TOUCH UP AND CLEAN PRIME PAINTED SURFACES PRIOR TO FINISH PAINTING IN ACCORDANCE WITH THE FINISH PAINT MANUFACTURER'S INSTRUCTIONS.

THE FOLLOWING PROCEDURES SHOULD ALWAYS BE OBSERVED IN STORING HOLLOW METAL DOORS AND FRAMES AT THE JOB SITE:

1. STORE ALL MATERIALS IN A DRY AREA, UNDER COVER. ALL FERROUS METAL PRODUCTS SHOULD BE STORED WHERE THEY WILL NOT BE EXPOSED TO, OR COME IN CONTACT WITH WATER. THIS IS PARTICULARLY TRUE OF PRODUCTS SUCH AS DOORS, WHICH HAVE LARGE FLAT SURFACES ON WHICH WATER MAY COLLECT IF THEY ARE STACKED HORIZONTALLY.

2. DO NOT USE NON-VENTED PLASTIC OR CANVAS. THESE MATERIALS CREATE A HUMIDITY CHAMBER, WHICH PROMOTES BLISTERING AND CORROSION.

3. STORE DOORS AND WELDED FRAMES IN AN UPRIGHT POSITION WITH HEADS UPPERMOST. FIGURES 1 AND 2.

4. PLACE NO MORE THAN 5 DOORS OR WELDED FRAMES IN A GROUP. SMALL GROUPS NOT ONLY MINIMIZE THE LIKELIHOOD OF DAMAGE DUE TO EXCESS HANDLING, BUT ALSO FACILITATE SELECTION FROM THE GROUP FOR INSTALLATION. IN THE CASE OF MULTI-OPENING FRAMES, NO MORE THAN THREE UNITS SHOULD BE STORED IN A GROUP, TO AVOID SERIOUS DAMAGE TO THE BOTTOMMOST FRAME.

5. PLACE ALL MATERIAL ON PLANKING OR BLOCKING AT LEAST 4 IN. (100 MM) OFF THE GROUND, 2 IN. (50 MM) OFF A PAVED AREA OR THE FLOOR SLAB.

6. PROVIDE A LEAST 1/4 IN. (6.4 MM) SPACE (WOOD TRIP) BETWEEN ALL UNITS TO PERMIT AIR CIRCULATION.

FIGURE 1
FRAME STORAGE

FIGURE 2
DOOR STORAGE

CURRIES

ASSA ABLOY

Frames

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TECH MANUAL

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CCW STICK COMPONENTS

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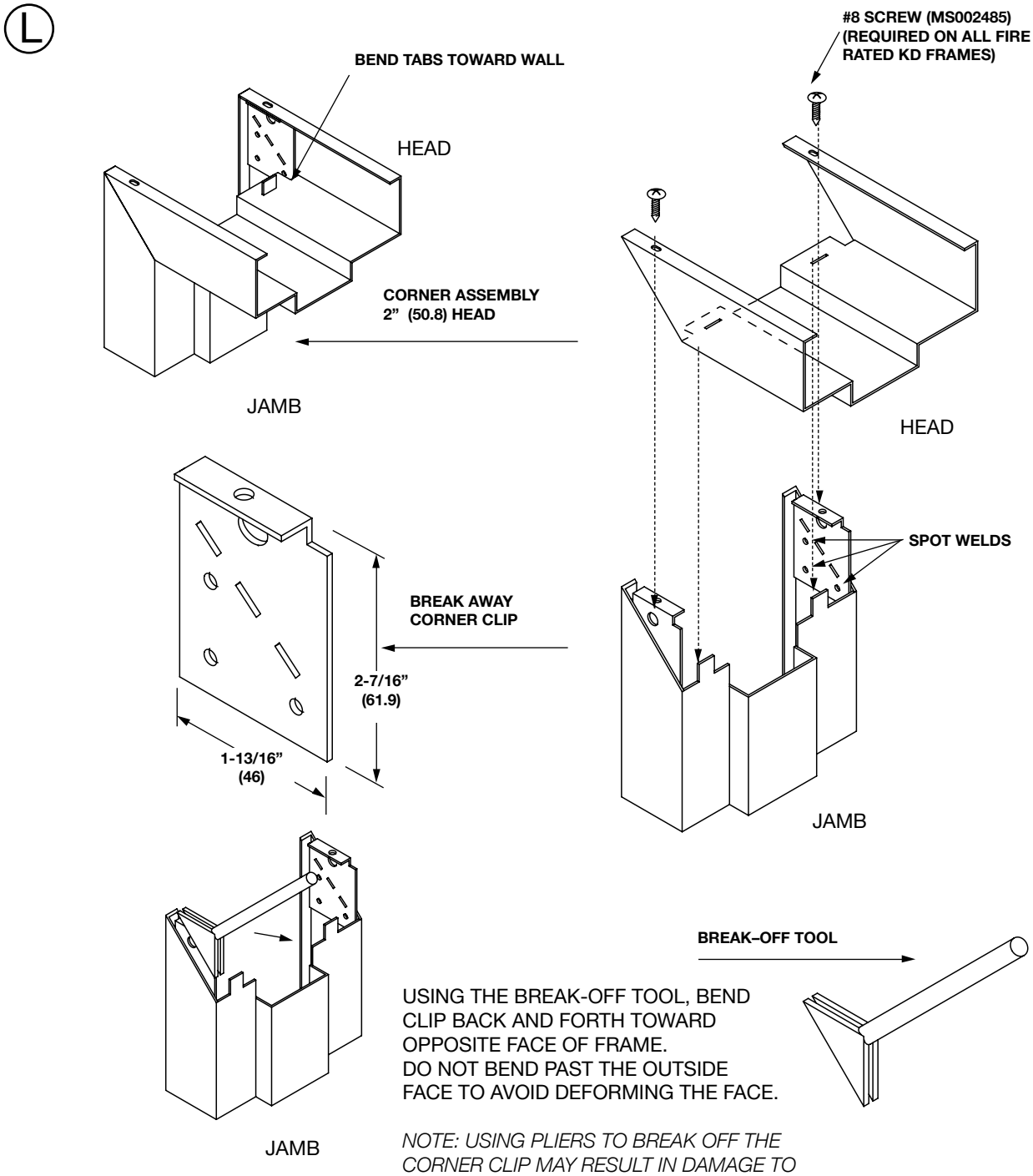
FLUSH MASONRY KD MITER CORNER JOINT



USING THE BREAK-OFF TOOL, BEND CLIP BACK AND FORTH TOWARD OPPOSITE FACE OF FRAME.
DO NOT BEND PAST THE OUTSIDE FACE TO AVOID DEFORMING THE FACE.

NOTE: USING PLIERS TO BREAK OFF THE CORNER CLIP MAY RESULT IN DAMAGE TO THE FACE OF FRAME

MASONRY KD 4” FACE HEAD

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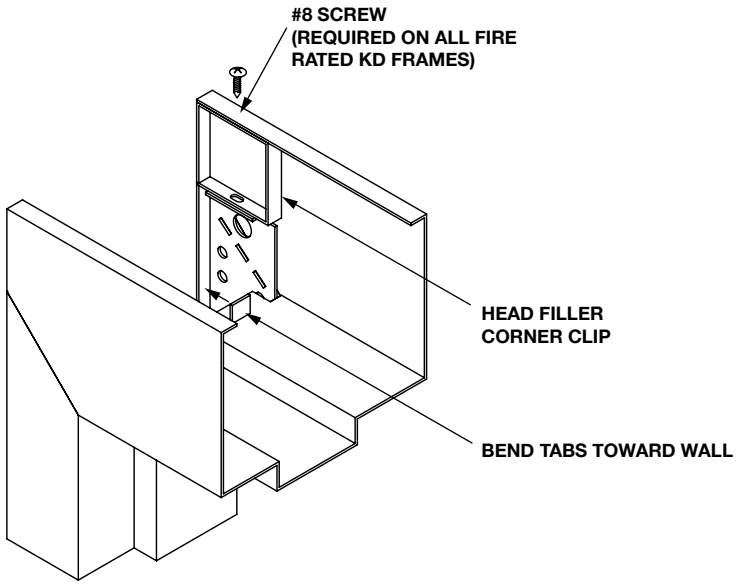

MASONRY KD DOUBLE EGRESS FRAME

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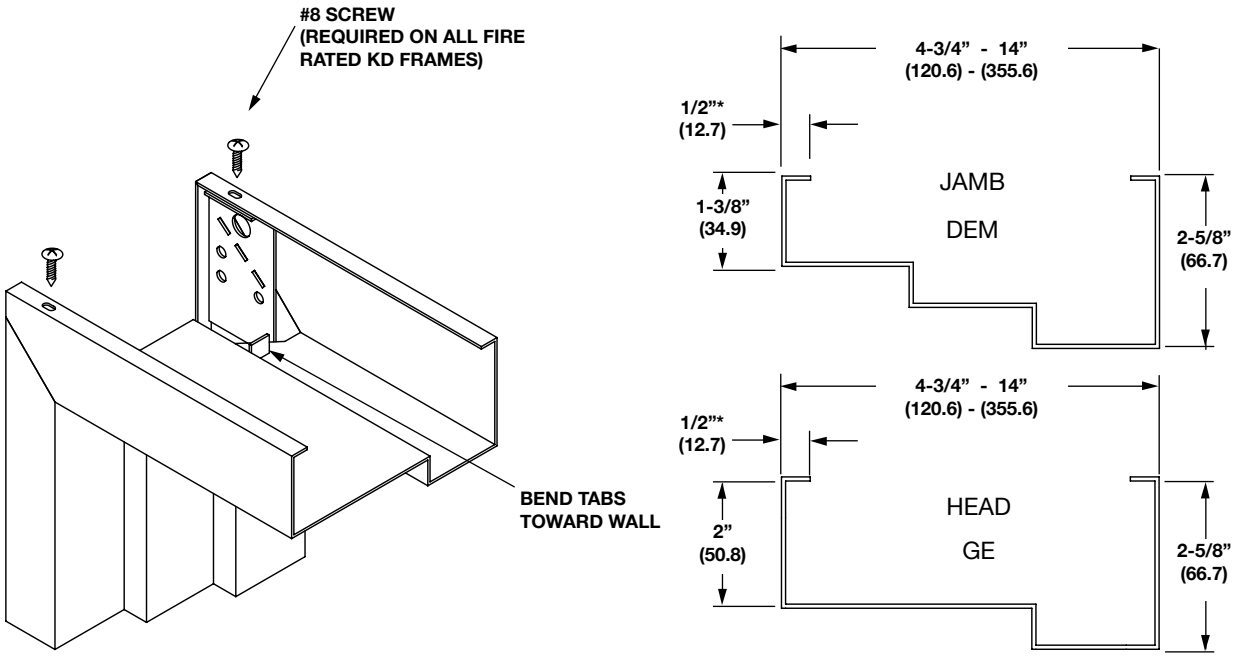
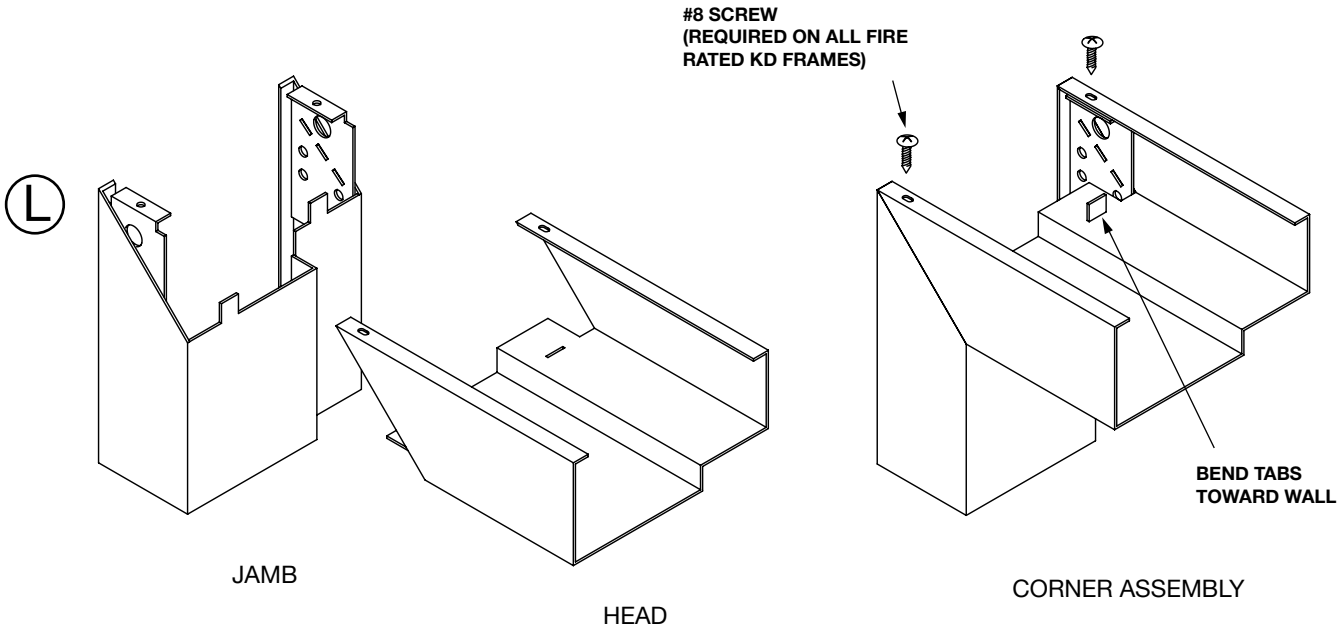


** 5-3/4” (146.1) JAMB DEPTH HAS 7/16” (11.1) RETURN*

MASONRY KD "G" PROFILE - CORNER DETAILS



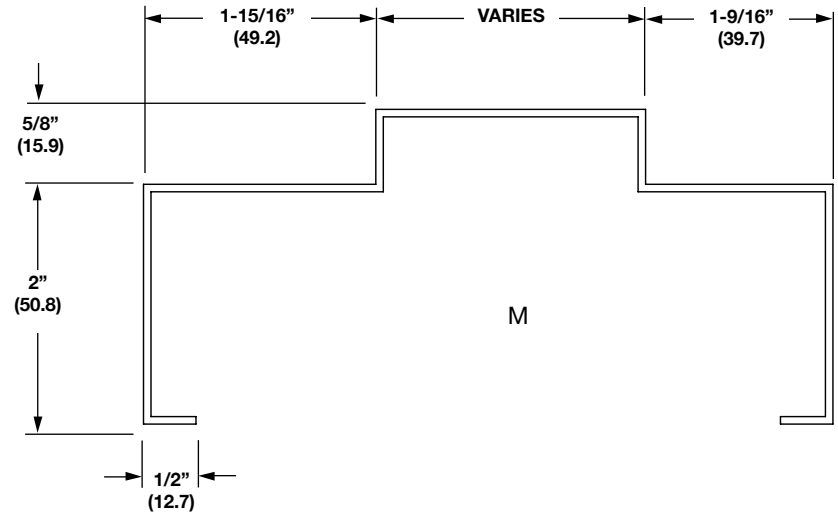
JAMB

HEAD

CORNER ASSEMBLY

MASONRY KD 2" FACE FLUSH FRAME UNEQUAL RABBET

KD "M" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
VARIABLE SOFFIT
JAMB DEPTH 4-1/2" (114.3) THRU 14" (355.6) (1/8"(3.2) INCREMENTS)
AVAILABLE WITH 4" (101.6) FACE HEADS



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

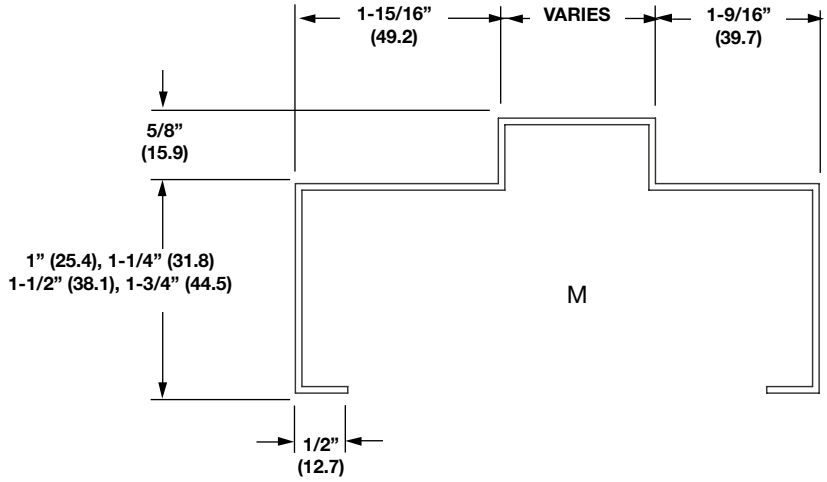
RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

NOTE: 5-3/4" (146.1) JAMB DEPTH STANDARD WITH 7/16" (11.1) RETURNS TO PROVIDE 4-7/8" (123.8) THROAT OPENING

MASONRY 1”, 1-1/4”, 1-1/2”, 1-3/4”, FACE FLUSH KD FRAME UNEQUAL RABBET

KD “M” TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
VARIABLE SOFFIT
JAMB DEPTH 4-1/2” (114.3) THRU 14” (355.6) (1/8”(3.2) INCREMENTS)
NOT AVAILABLE WITH 4” (101.6) FACE HEADS
NOTE: WHEN CCW MATERIAL IS USED IN CONJUNCTION WITH ABOVE, COORDINATE RABBET AND FACE DIMENSIONS 5-3/4” (146.1) JAMB DEPTH STANDARD WITH 7/16” (11.1) RETURNS TO PROVIDE 4-7/8” (123.8) THROAT OPENING.

L



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

MASONRY FLUSH KD FRAME EQUAL RABBET

KD “M” TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
VARIABLE SOFFIT
JAMB DEPTH 4-7/8” (114.3) THRU 14” (355.6) (1/8”(3.2) INCREMENTS)
AVAILABLE WITH 4” (101.6) FACE HEADS WITH 2” FACE JAMBS ONLY
NOTE: WHEN CCW MATERIAL IS USED IN CONJUNCTION WITH ABOVE, COORDINATE RABBET AND FACE DIMENSIONS. 5-3/4” (146.1) JAMB DEPTH STANDARD WITH 7/16” (11.1) RETURNS TO PROVIDE 4-7/8” (123.8) THROAT OPENING.

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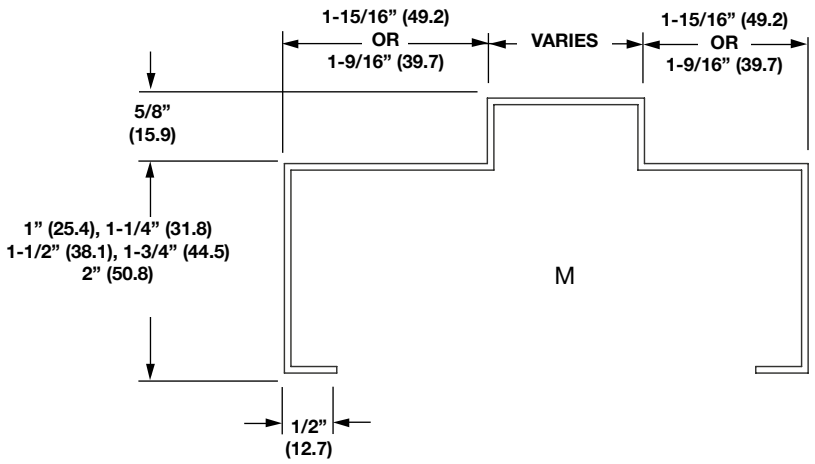

OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

MASONRY FACE FLUSH KD FRAME CASED OPENING

KD “MK” TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
JAMB DEPTH 3” (76.2) THRU 14” (355.6) (1/8” (3.2) INCREMENTS)

NOTE: AVAILABLE WITH 4” (101.6) FACE HEAD WITH 4-1/2” (114.3) MINIMUM JAMB DEPTH 5-3/4” (146.1) JAMB DEPTH STANDARD WITH 7/16” (11.1) RETURNS TO PROVIDE 4-7/8” (123.8) THROAT OPENING.

*TOTAL DOOR ONLY MAY BE LABELED

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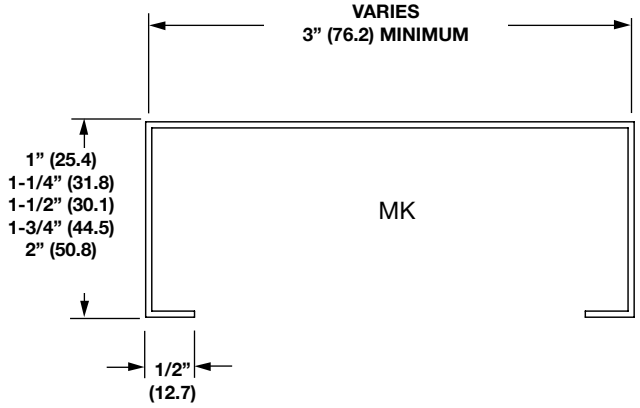

OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

MASONRY FLUSH KD “G” PROFILE FRAME

KD “G” TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
JAMB DEPTH 3” (76.2) THRU 14” (355.6) (1/8” (3.2) INCREMENTS)
MIN. 4” JAMB DEPTH FOR LABELED FRAME WITH 1-15/16” RABBET AND
3-1/4” JAMB DEPTH FOR 1-9/16” RABBET.

NOTE: 2” (50.8) AND 2-5/8” (66.7) FACE ON JAMBS AVAILABLE WITH 4” (101.6) FACE HEAD WITH 4-1/2” (114.3) MINIMUM JAMB DEPTH. 5-3/4” (146.1) JAMB DEPTH STANDARD WITH 7/16” (11.1) RETURNS TO PROVIDE 4-7/8” (123.8) THROAT OPENING.

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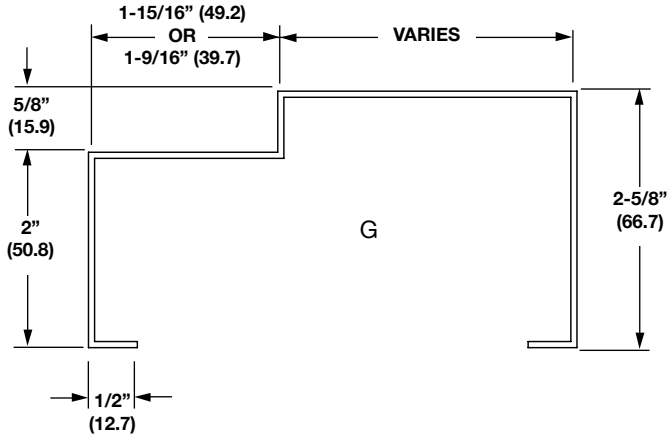


OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

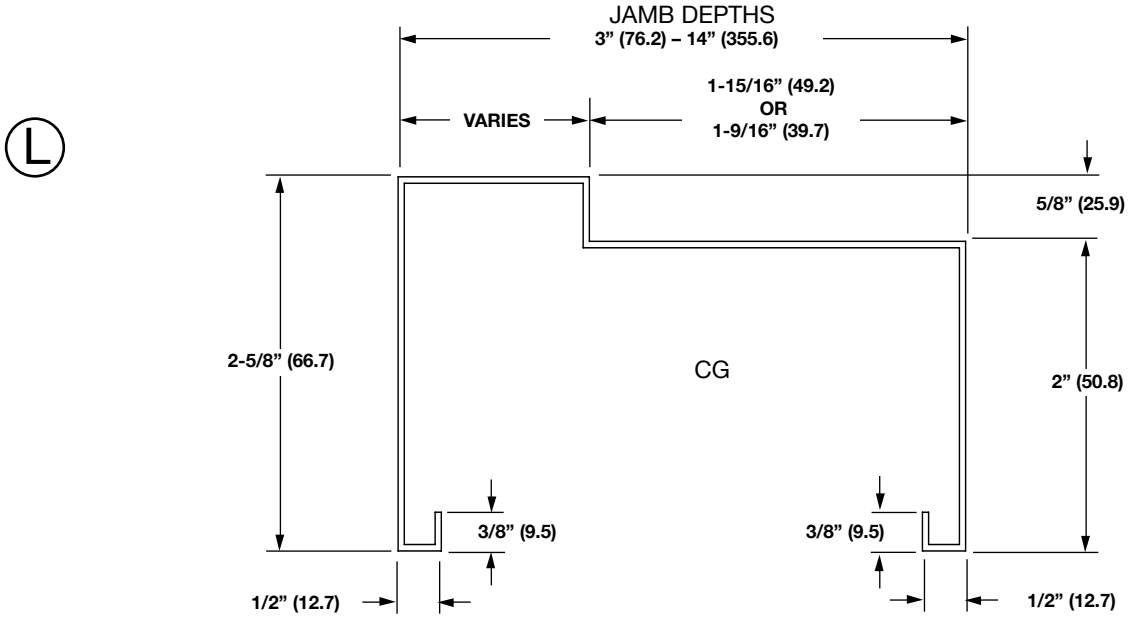
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

DRYWALL CG PROFILES

OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.
** ABOVE NOTES DO NOT APPLY TO CG FRAMES WITH COMPRESSION ANCHORS.*

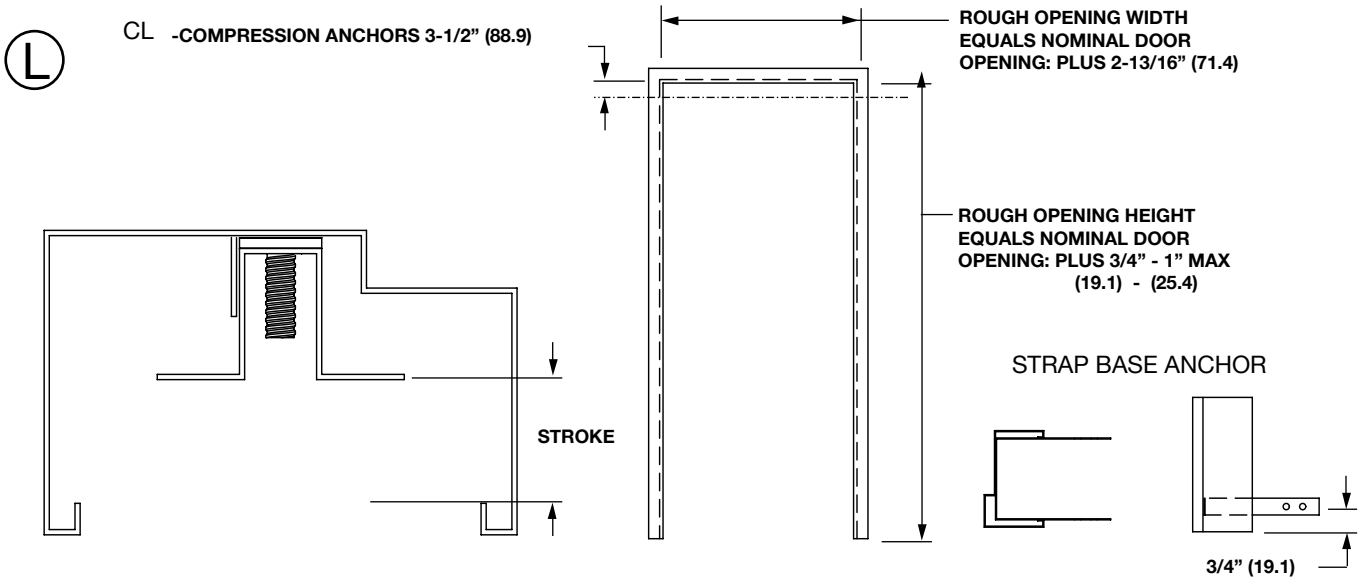


GAUGE - 18 GA. (1.2), 16 GA. (1.4)

NOTE: AVAILABLE WITH 4" (101.6) FACE HEAD WITH 4-1/2" (114.3) MINIMUM JAMB DEPTH

COMPRESSION ANCHOR SYSTEM NARROW JAMB DEPTH

CG PROFILE *
1-3/8" (34.9) DOOR - 3" (76.2) JAMB DEPTH
1-3/4" (44.5) DOOR - 3" (76.2), 3-1/8" (79.4), 3-1/4" (82.6), 3-3/8" (85.7) JAMB DEPTH



* "CG" PROFILE JAMB DEPTHS NOT LISTED ABOVE USE STD. DRYWALL ROUGH OPENING DIMENSIONS

DRYWALL KD FRAME UNEQUAL RABBET

KD DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9) *
UNEQUAL RABBET
JAMB DEPTH 4-1/2" (114.3) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
2" (50.8) FACE AVAILABLE WITH 4" (101.6) HEADS
NOTE: 14 GA. AVAILABLE WITH 2" (50.8) FACE ONLY

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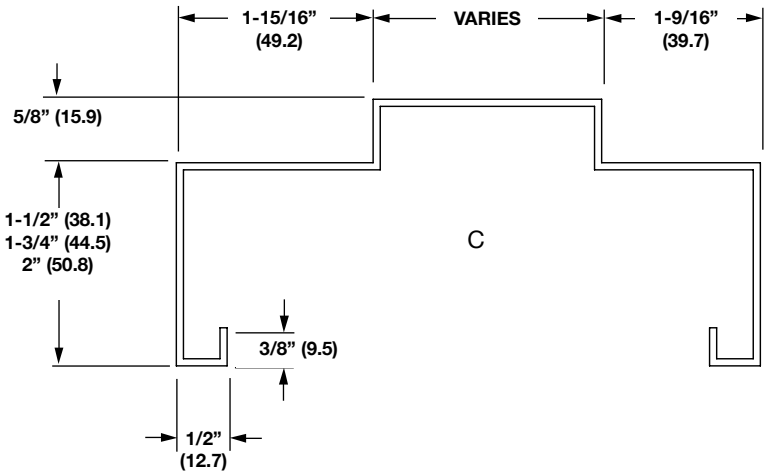

DRYWALL KD FRAME EQUAL RABBET

KD DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9) *
UNEQUAL RABBET
JAMB DEPTH 4-7/8" (123.8) THRU 14" (355.6) (1/8" (3.2) INCREMENTS)
2" (50.8) FACE AVAILABLE WITH 4" (101.6) HEADS
AVAILABLE IN COMMUNICATING FRAMES
NOTE: 14 GA. AVAILABLE WITH 2" (50.8) FACE ONLY

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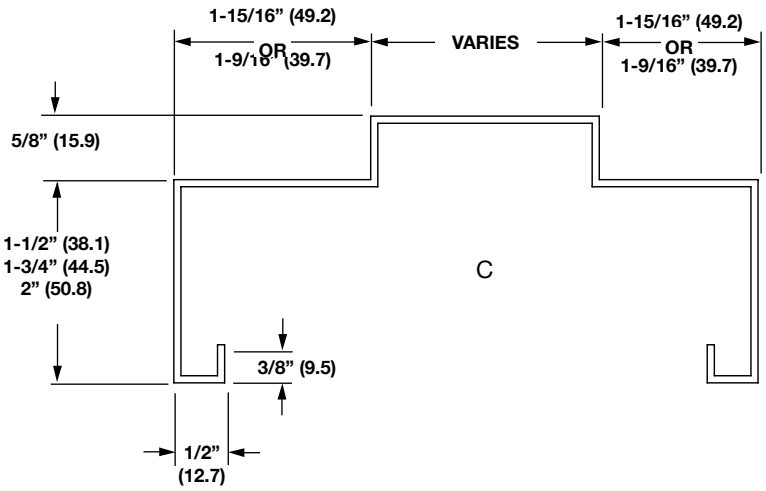
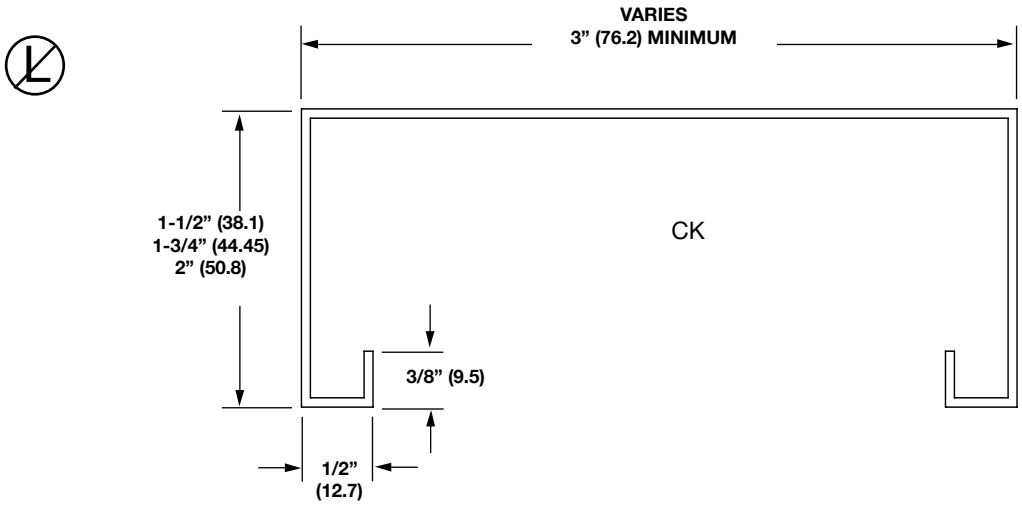


DRYWALL KD FRAME CASED OPENING

KD DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
JAMB DEPTH 3” (76.2) THRU 14” (355.6) (1/8” (3.2) INCREMENTS)
14 GA. AVAILABLE W/2” FACE ONLY



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

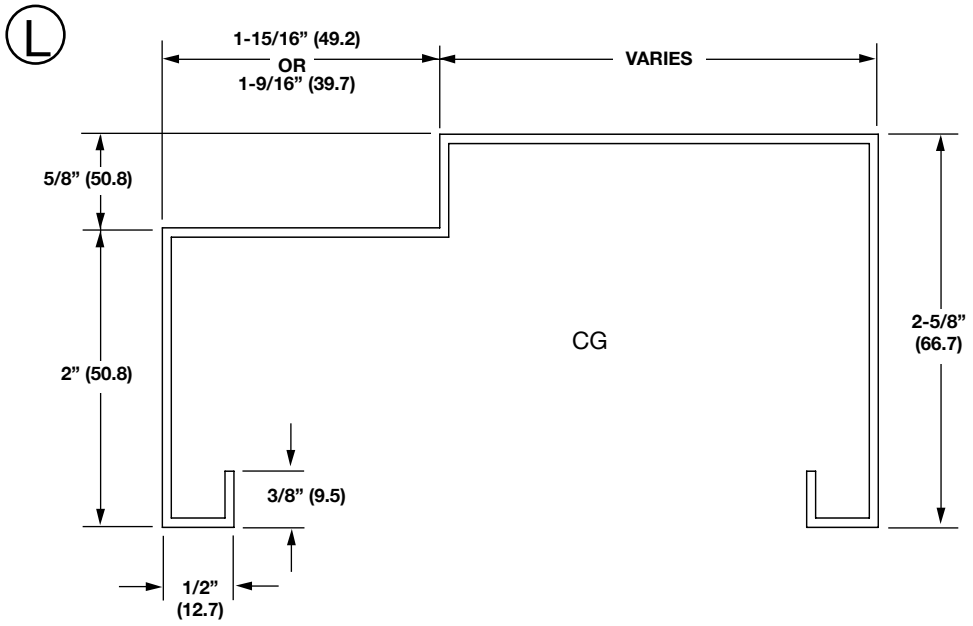
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

** ABOVE NOTES DO NOT APPLY TO CG FRAMES WITH COMPRESSION ANCHORS*

NOTE: AVAILABLE WITH 4” (101.6) FACE HEAD WITH 4-1/2” (114.3) MINIMUM JAMB DEPTH WITH 2” FACE JAMBS ONLY.

DRYWALL KD “CG” PROFILE FRAME

KD “CG” PROFILE DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (1.4)
JAMB DEPTH 3” (76.2) THRU 14” (355.6) (1/8” (3.2) INCREMENTS)
NOTE: 2” (50.8) AND 2-5/8” (66.7) FACE ONLY



OPTIONAL FACE DIMENSION:
1" THROUGH 2" IN 1/8" INCREMENTS

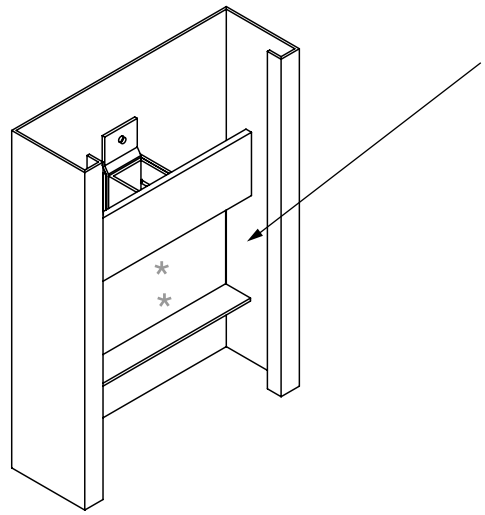
OPTIONAL RETURN DIMENSION:
7/16" THROUGH 1"

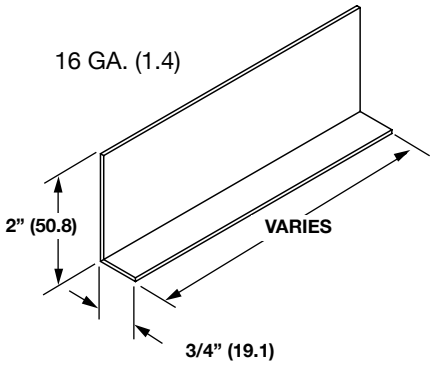
RABBETS CAN VARY 5/8" THROUGH 6" ON NON DOOR RABBET.

** ABOVE NOTES DO NOT APPLY TO CG FRAMES WITH COMPRESSION ANCHORS*

DRYWALL CASED OPENING COMPRESSION ANCHOR

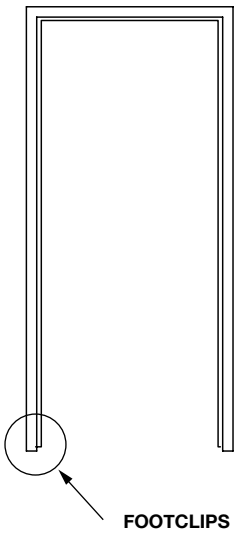
STIFFENER PART NUMBER: P0093

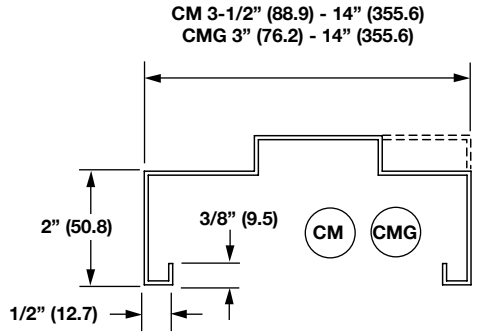




NOTE: STIFFENER ADDED TO PREVENT DISTORTION OF FRAME WHEN TIGHTENING ANCHOR

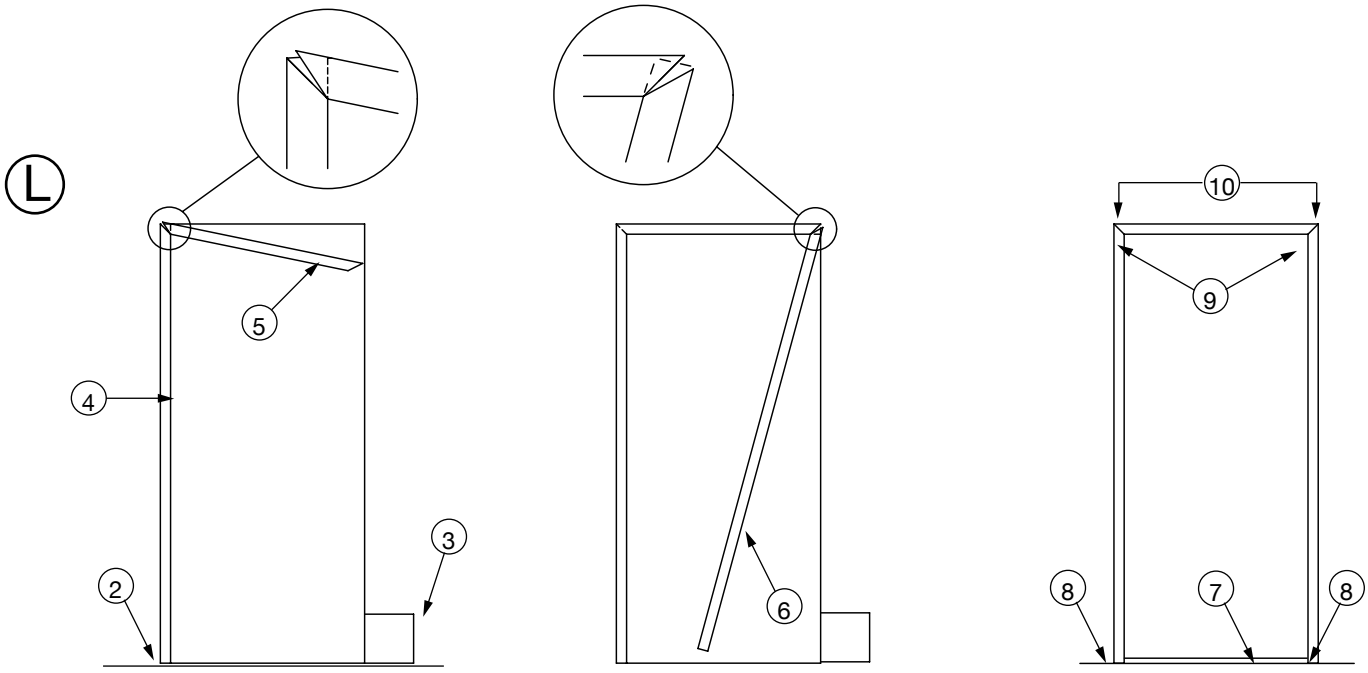
CM PROFILE FRAMES





CM PROFILE FRAMES DO NOT HAVE THE COMPRESSION BAR NOR BASE ANCHORS. THEY DO HAVE FOOTCLIPS WELDED IN AND CAN BE FURNISHED WITH LOOSE DRYWALL ANCHORS, WELDED IN ANCHORS ARE OPTIONAL. SAME K.D. CORNER CAPABILITIES AS THE C FRAME.

DRYWALL KD FRAME (“C” PROFILE) INSTALLATION INSTRUCTIONS



1. CONSTRUCT WALL WITH ROUGH OPENING HEIGHT EQUAL TO FINISHED OPENING HEIGHT PLUS 3/4” (19.1) TO 1” (25.4) MAX., ROUGH OPENING WIDTH IS AS FOLLOWS:
   A) FOR 2” (50.8) FACE FRAMES-OPENING WIDTH PLUS 2-1/8” (54.0) TO 2-3/8” (60.3)
   B) FOR 1-3/4” (44.5) AND 1-1/2” (38.1) FACE FRAMES-OPENING WIDTH PLUS 1-7/8” TO 2” (50.8). IT IS CRITICAL THAT 1-1/2” FACE FRAMES BE HELD WITHIN THIS RANGE; THEY ALLOW FOR NO TOLERANCE.
   C) FOR “C” AND “CG” PROFILES, 3” (76.2) JAMB DEPTH 1-9/16” (39.7) RABBET AND 3” (76.2), 3-1/8” (79.4), 3-1/4” (82.6) AND 3-3/8” (85.7) JAMB DEPTH 1-15/16” (49.2) RABBET FRAMES-OPENING WIDTH PLUS 2-13/16” (71.4), ALL OTHER “C” AND “CG” PROFILE FRAMES-OPENING WIDTH PLUS 2-1/8” (54.0) TO 2-3/8” (60.3)
   D) FOR 2” (508) FACE CASED OPENING - OPENING WIDTH PLUS 2-1/4” (572)

2. BOTTOM OF FRAME MUST SET ON A SOLID SURFACE.

3. IF WRAP-AROUND BASE ANCHOR IS USED, NOTCH DRYWALL IN THAT AREA.

4. RETRACT COMPRESSION BARS IN THE JAMBS BY TURNING SCREWS COUNTER CLOCKWISE AND INSTALL ONE JAMB IN POSITION ON WALL.

5. INSERT FRAME HEAD UNDER THE CORNER CLIPS OF THE JAMB AND RAISE INTO POSITION.

6. INSERT THE CORNER CLIPS OF THE REMAINING JAMB INTO THE OPPOSITE END OF THE HEAD AND POSITION JAMB ON WALL.

7. LOCATE A REMOVABLE FRAME SPACING BAR AT BASE OF CENTERED FRAME TO MAINTAIN PROPER OPENING WIDTH DURING INSTALLATION.

8. LEVEL, SQUARE AND PLUMB FRAME AND INSTALL BASE ANCHOR SCREWS THROUGH COUNTERSINK HOLES IN FRAME FACE AND INTO FLOOR PLATE.

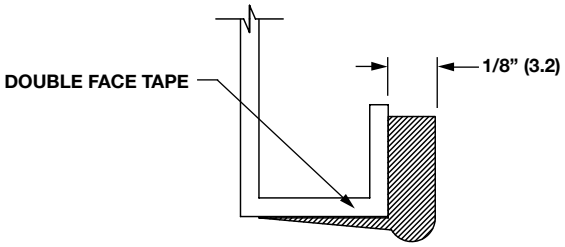
9. SQUARE TOP OF FRAME AND TIGHTEN COMPRESSION BARS BY TURNING SCREWS CLOCKWISE. (DO NOT OVERTIGHTEN).

10. INSTALL (4) NO. 8 X 1/2” (12.7) SHEET METAL SCREWS AT THE CORNERS OF THE HEAD TO ATTACH HEAD TO JAMBS (REQUIRED FOR FIRE RATED FRAMES).

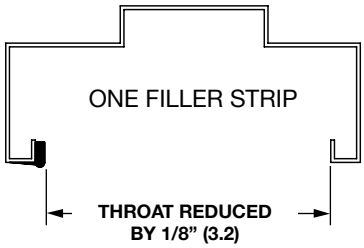
THROAT FILLER FOR DRYWALL FRAMES

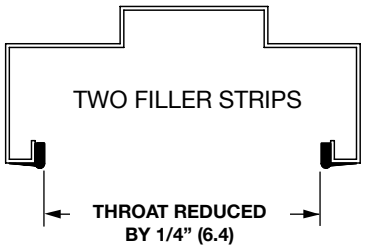
INSTALLATION

1. FOR BEST RESULTS INSTALL FRAME IN OPENING FIRST. DO NOT TIGHTEN COMPRESSION ANCHORS.
2. CUT JAMB FILLER STRIPS TO OVERALL LENGTH OF JAMB BACKBEND. CUT HEAD FILLER STRIP 1" (25.4) UNDER OVERALL LENGTH OF HEAD BACKBEND.
3. REMOVE PROTECTIVE FILM FROM ADHESIVE TAPE AND APPLY FILLER STRIPS TO FRAME BACKBENDS WITH 1/8" (3.2) THICK LEG BETWEEN BACKBEND RETURN AND WALL. APPLY PRESSURE TO SEAT FIRMLY.
4. SQUARE FRAME, TIGHTEN COMPRESSION ANCHORS, INSTALL BASE ANCHORS AND RESEAT FILLER STRIPS IF NECESSARY.



FULL SIZE

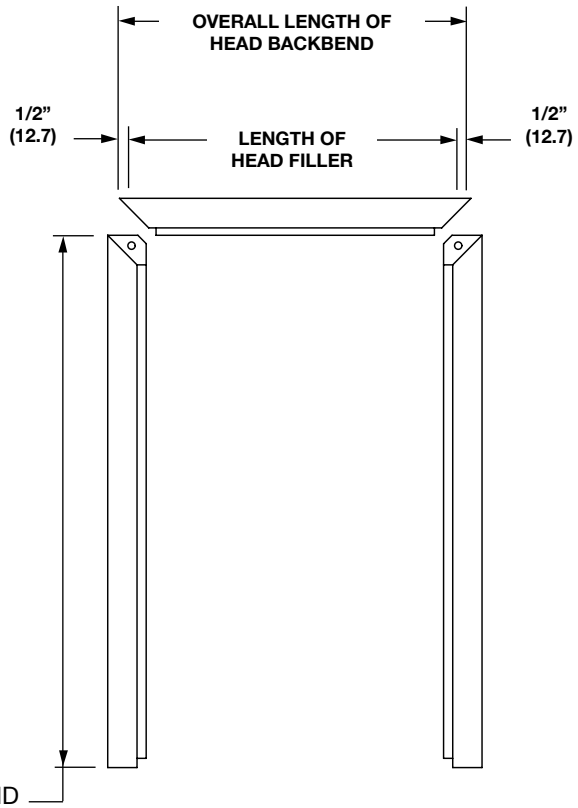




THROAT FILLER STRIPS ARE MADE OF WHITE RIGID PVC WITH RESILIENT DOUBLE FACE TAPE FOR APPLICATION TO THE FRAME BACKBEND OR AFTER THE FRAME HAS BEEN INSTALLED.

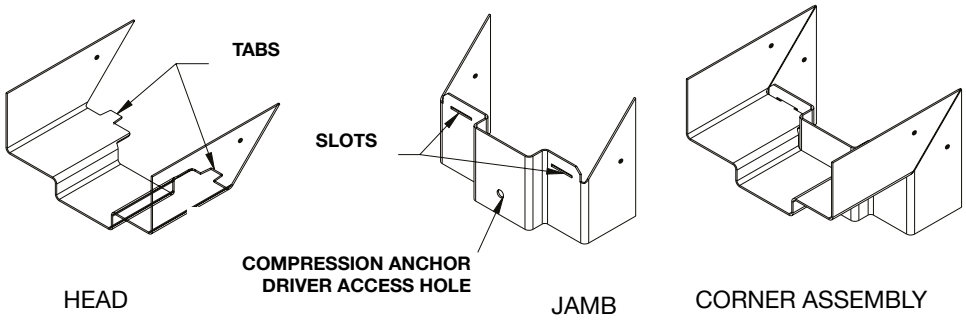
SUPPLIED IN LENGTHS OF 7 FT. 3 IN. (2209.8) TO ACCOMMODATE MOST JAMB HEIGHTS WITH A CONTINUOUS STRIP.

NOTE: THROAT FILLER IS NOT ALLOWED ON LABEL FRAMES



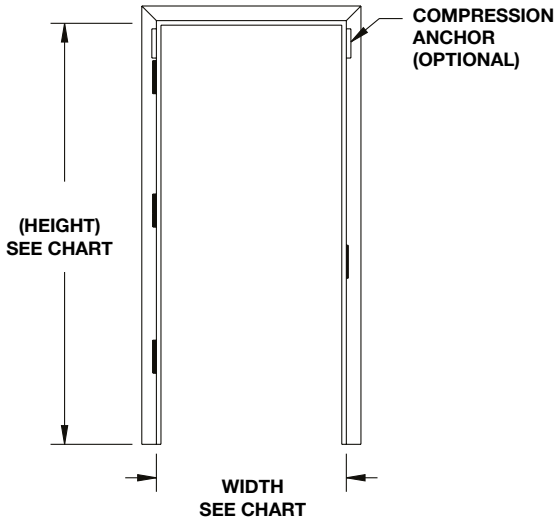
FILLER EQUALS OVERALL LENGTH OF BACKBEND

SLIP-ON "N" PROFILE DOOR FRAME

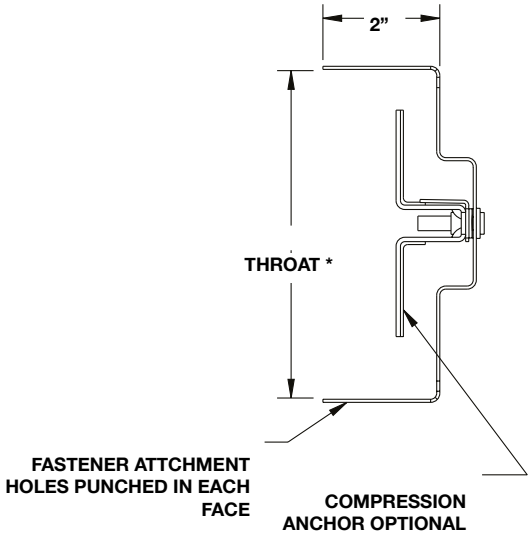


HEAD JAMB CORNER ASSEMBLY

N PROFILE STANDARD WILL BE COMPRESSION ANCHORS AND NAIL HOLES ON BOTH SIDES.
NM PROFILE WILL NOT HAVE COMPRESSION ANCHORS. ANCHORS (WELDED IN ONLY) AND NAIL HOLES NEED TO BE SPECIFIED.



** ORDER USING JAMB DEPTH*
JAMB DEPTH = THROAT DIMENSION +1/8

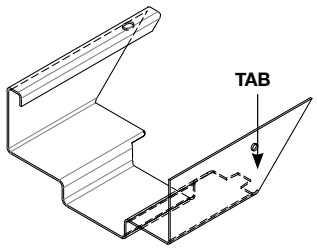


SPECIFICATIONS:
MAXIMUM SINGLE – 4'0" (1219) W X 9'-0" (2743) H
MAXIMUM PAIR – 8'0" (2438) W X 9'0" (2743) H (NO DOUBLE EGRESS)
THROAT – 3-3/4" (95) MIN TO 13" (330) MAX 3F ONLY.
SINGLE AND DOUBLE RABBET ONLY (NO KERF)
GAUGE: 16 GA. (1.5) MIN, 14 GA (1.8) MAX
MATERIAL: COLD ROLLED OR GALVANNEALED STEEL
ATTACHMENT HOLES: HOLES ARE LOCATED AT 16" MAX SPACING AND 2" MAX FROM ENDS.

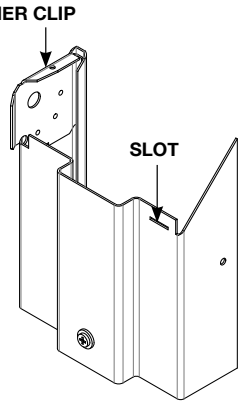
FIRE LABEL NOTES:
WOOD TRIM SHALL BE APPLIED TO FRAME FACES WITH A FIRE LISTED CONTACT ADHESIVE AND /OR FAST CAP 2P-10 ADHESIVE. WOOD TRIM MUST BE HELD BACK FROM THE CORNER OF THE FRAME FACE (CLOSEST TO THE DOOR RABBET) APPROXIMATELY 1/4" - 3/8" .

SLIP-ON HYBRID DRYWALL DOOR FRAME

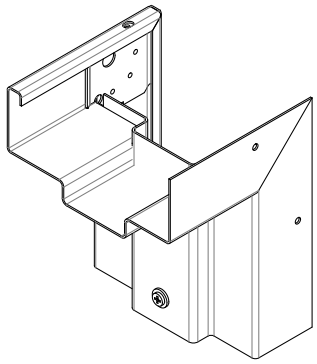
90 MINUTE MAXIMUM RATING
(INTERTEK ONLY)



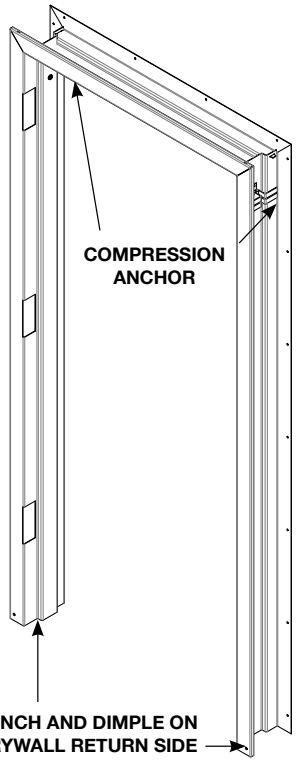
HEAD

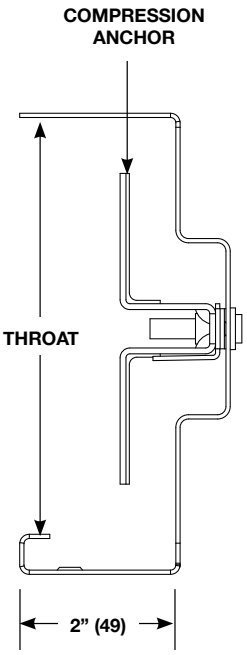


JAMB



CORNER
ASSEMBLY



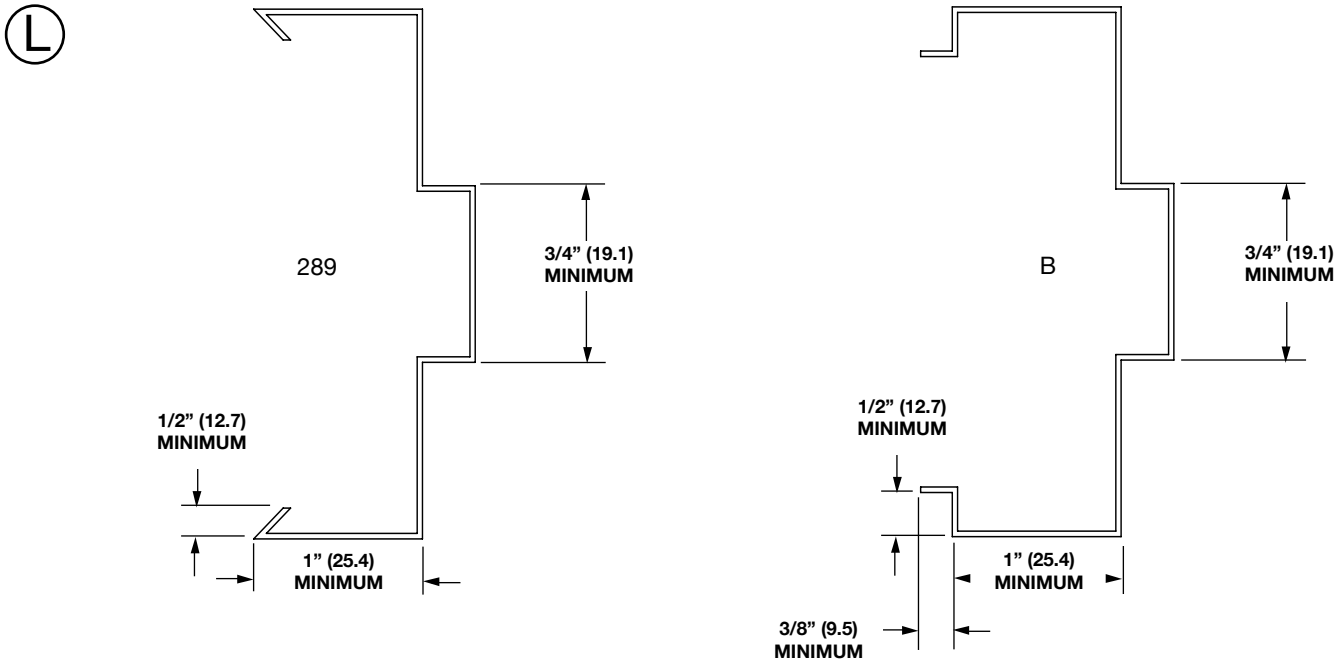


SPECIFICATIONS:

MAXIMUM SINGLE – 4'0" (1219) W X 9'-0" (2743) H
MAXIMUM PAIR – 8'0" (2438) W X 9'0" (2743) H (NO DOUBLE EGRESS)
THROAT – 3-3/4" (95) MIN TO 13" (330) MAX 3F ONLY.
SINGLE AND DOUBLE RABBET ONLY (NO KERF)
GAUGE: 16 GA. (1.5) MIN, 14 GA (1.8) MAX
MATERIAL: COLD ROLLED OR GALVANNEALED STEEL
ATTACHMENT HOLES: HOLES ON THE "NO RETURN" SIDE LOCATED AT 16" MAX SPACING AND 2" MAX FROM ENDS.

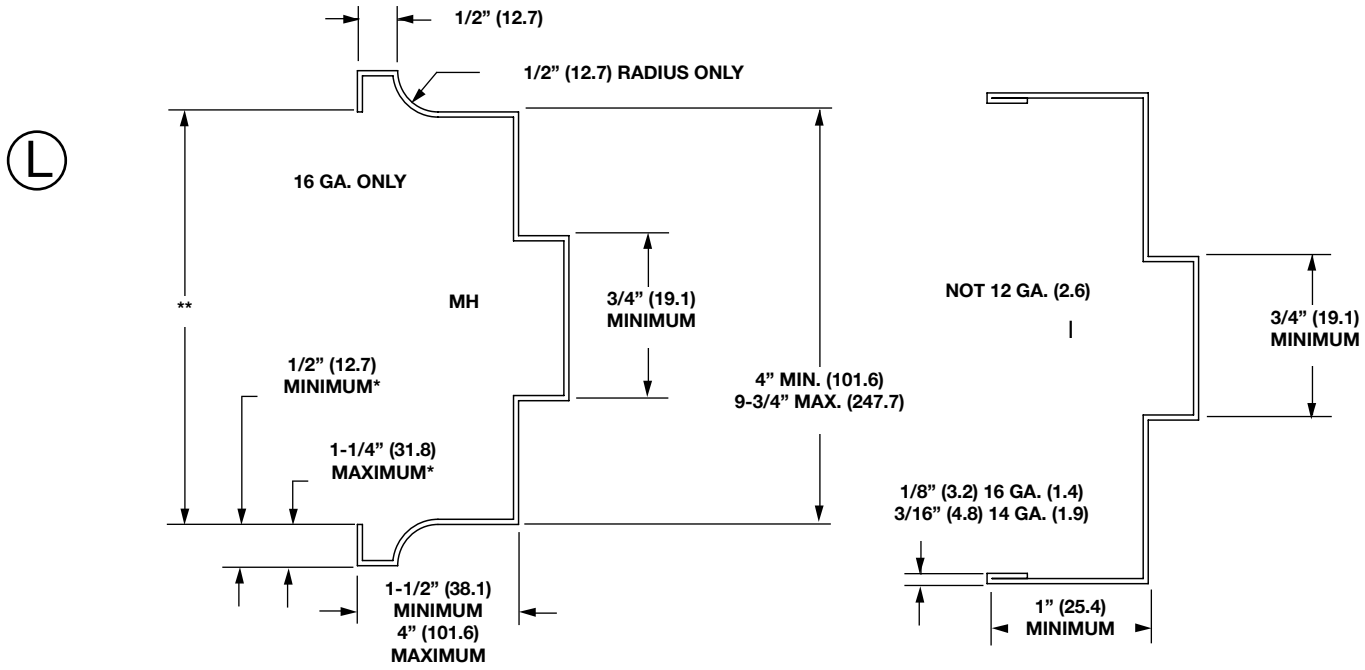
CUSTOM FRAME PROFILES

CONTACT FACTORY FOR CAPABILITIES

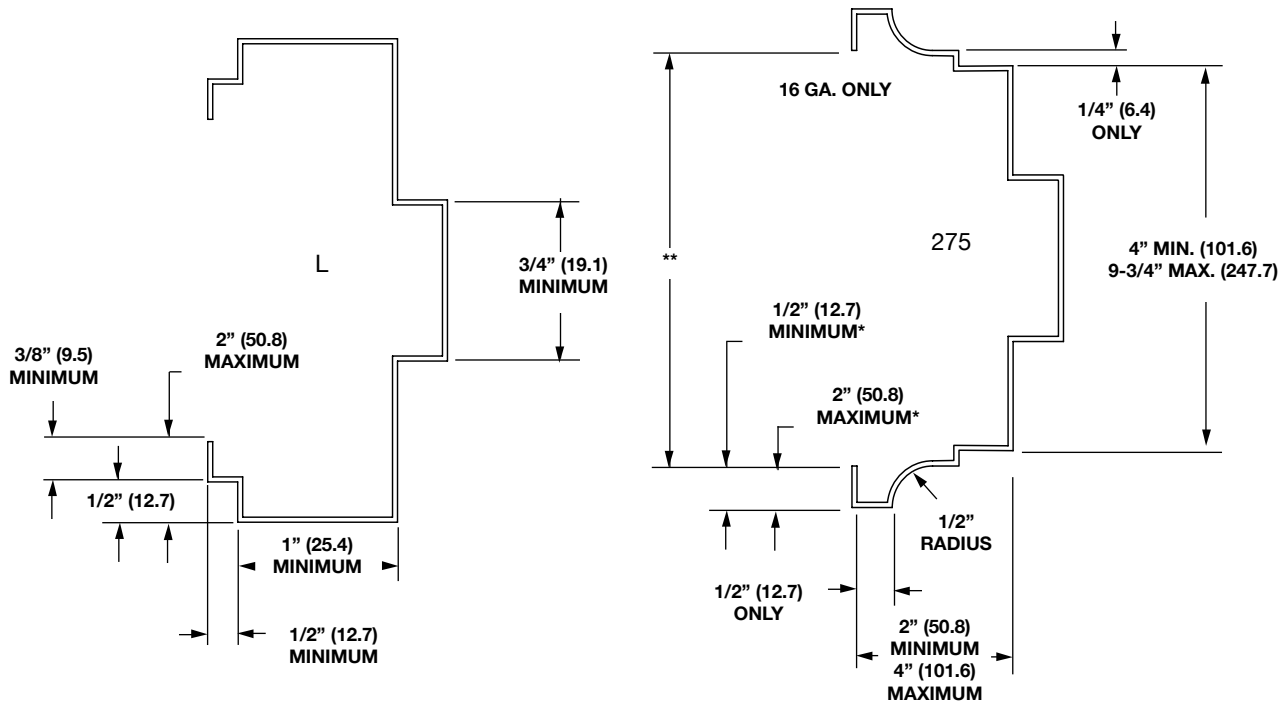


NOTE: FOR 12 GA. (2.6) CONTACT FACTORY

CUSTOM FRAME PROFILES



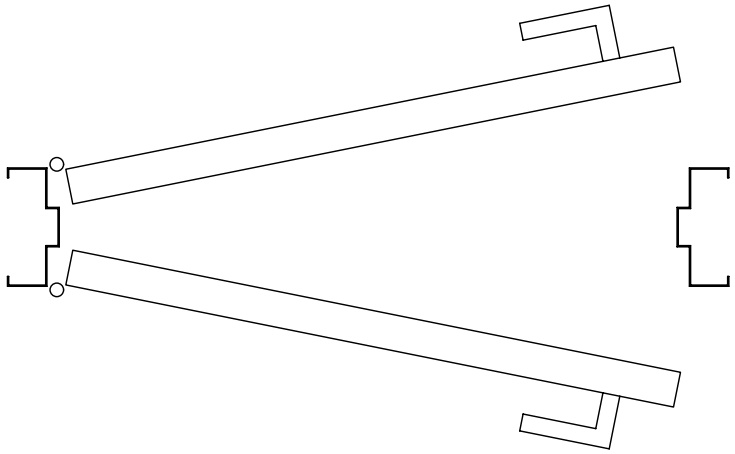
** NOTE: 1" STANDARD RETURNS*



*** JAMB DEPTH/THROAT OPENING ARE UNIQUE ON THESE PROFILES. CONTACT CUSTOMER SERVICE FOR PROFILE DRAWING.*

** NOTE: 1.125" STANDARD RETURNS*

COMMUNICATING FRAME



NOTE:
U.L. AND W.H.I. LABELED FRAMES MAY BE PROVIDED WITH COMPRESSION TYPE ANCHORING SYSTEM.

"M" PROFILE FLUSH K.D.

EQUAL RABBET
1-15/16" (49.2) FOR 1-3/4" (44.5) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

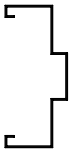
UNEQUAL RABBET
1-15/16" (49.2) X 1-9/16" (39.7) FOR
1-3/4" (44.5) X 1-3/8" (34.9) DOORS
4-1/2" (114.3) THRU 14" (355.6) JAMB DEPTH

EQUAL RABBET
1-9/16" (39.7) FOR 1-3/8" (34.9) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

"C" & "CM" PROFILE DRYWALL

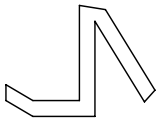
EQUAL RABBET
1-15/16" (49.2) FOR 1-3/4" (44.5) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

UNEQUAL RABBET
1-15/16" (49.2) X 1-9/16" (39.7) FOR
1-3/4" (44.5) X 1-3/8" (34.9) DOORS
4-1/2" (114.3) THRU 14" (355.6) JAMB DEPTH

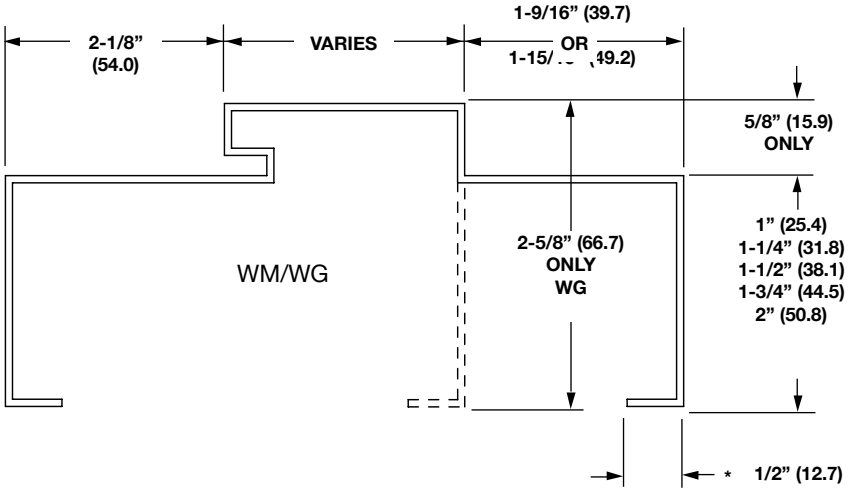


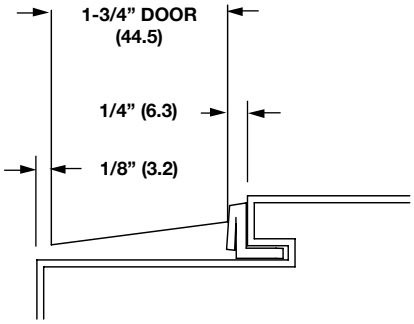
EQUAL RABBET
1-9/16" (39.7) FOR 1-3/8" (34.9) DOORS
4-7/8" (117.5) THRU 14" (355.6) JAMB DEPTH

CURRISEAL FRAME FLUSH KD - WM - WG



CURRISEAL
ACTUAL SIZE
COLOR: DARK BROWN



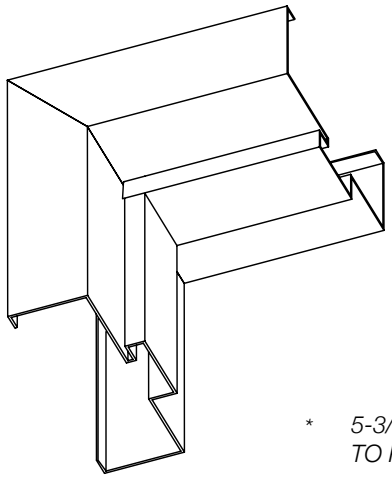


K.D. "M" TYPE FLUSH
GAUGE - 18 GA. (1.2), 16 GA. (2.4), 14 GA. (1.9)
JAMB DEPTHS:
- DOUBLE RABBET (WM) 5-1/4" (133.4) - 14" (355.6) (1/8" (3.2) INCREMENTS)
- SINGLE RABBET (WG) 4-1/8" (104.8) - 14" (355.6) (1/8" (3.2) INCREMENTS)

AVAILABLE WITH 4" (101.6) FACE HEADS
DOUBLE RABBET AVAILABLE IN COMMUNICATING FRAMES WITH A 6-1/2" (165.1) MIN. JAMB DEPTH

HARDWARE RESTRICTIONS
NOT RECOMMENDED
- CLOSERS WITH REMOVABLE STOPS
- VERTICAL ROD DEVICES WITH STRIKES MORTISED IN THE STOP
- STOP ACTIVATED VERTICAL ROD DEVICES

NOTE: SOFFIT MOUNTED SURFACE HARDWARE MAY REQUIRE +_ 1/8" (3.2) ADJUSTMENT OF MOUNTING HOLES TO ACCOMODATE WEATHERSTRIP AND ENSURE NORMAL DOOR OPERATION.

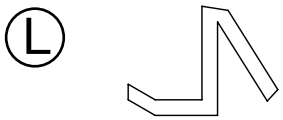


KD CORNER

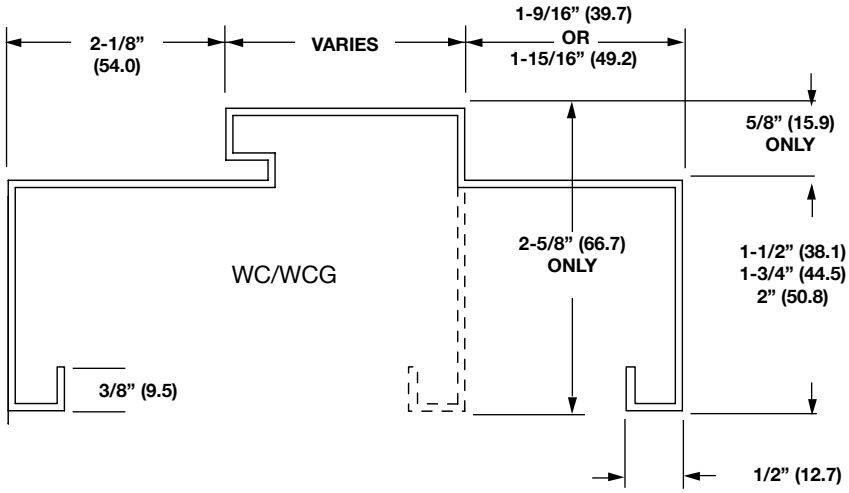
* *5-3/4" (146.1) JAMB DEPTH AVAILABLE WITH 7/16" (11.1) RETURNS TO PROVIDE A 4-7/8" (123.8) THROAT OPENING*

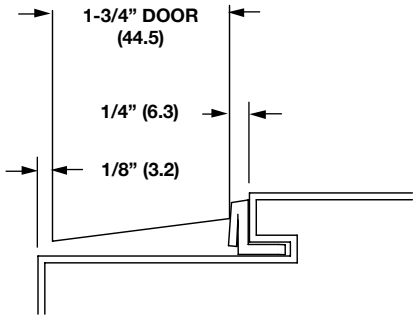
CURRISEAL FRAME IS DESIGNED FOR USE WITH THE CURRISEAL ONLY

CURRISEAL FRAME KD DRYWALL - WC - WCG



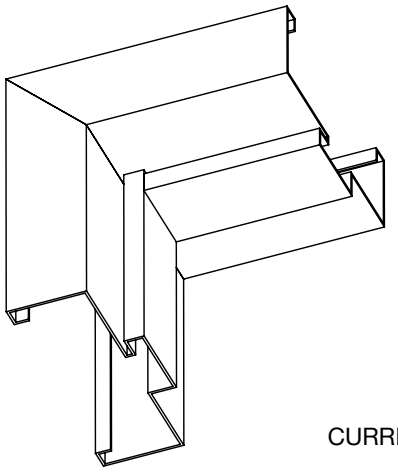
CURRISEAL
ACTUAL SIZE
COLOR: DARK BROWN





K.D. "C" TYPE DRYWALL
GAUGE - 18 GA. (1.2), 16 GA. (2.4), 14 GA. (1.9)
JAMB DEPTHS:
- DOUBLE RABBET (WC) 5-1/4" (133.4) - 14" (355.6) (1/8" (3.2) INCREMENTS)
- SINGLE RABBET (WCG) 4-1/8" (104.8) - 14" (355.6) (1/8" (3.2) INCREMENTS)

AVAILABLE WITH 4" (101.6) FACE HEADS
DOUBLE RABBET AVAILABLE IN COMMUNICATING FRAMES
WITH A 6-1/2" (165.1) MIN. JAMB DEPTH



KD CORNER

HARDWARE RESTRICTIONS
NOT RECOMMENDED
- CLOSERS WITH REMOVABLE STOPS
- VERTICAL ROD DEVICES WITH STRIKES MORTISED IN THE STOP
- STOP ACTIVATED VERTICAL ROD DEVICES

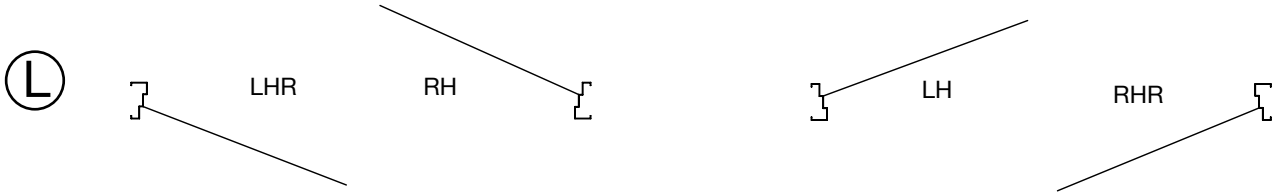
NOTE: SOFFIT MOUNTED SURFACE HARDWARE MAY REQUIRE +_ 1/8" (3.2) ADJUSTMENT OF MOUNTING HOLES TO ACCOMODATE WEATHERSTRIP AND ENSURE NORMAL DOOR OPERATION.

CURRISEAL FRAME IS DESIGNED FOR USE WITH THE CURRISEAL ONLY

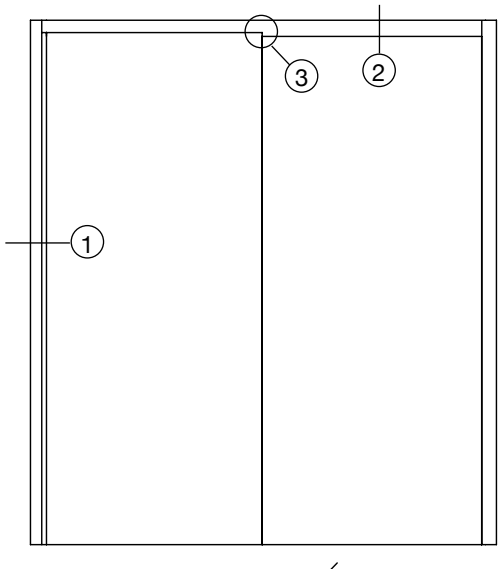
KD DOUBLE EGRESS FRAME STANDARDS

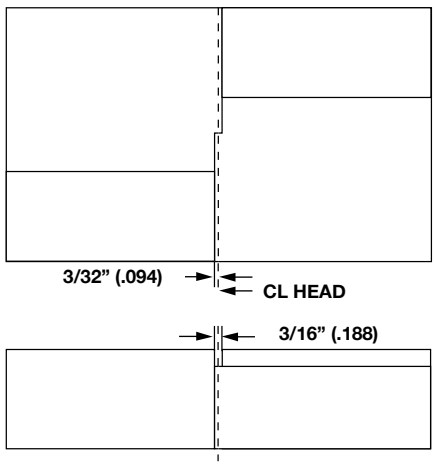
HANDING

M - FLUSH SERIES KD
C - DRYWALL KD NOT AVAILABLE

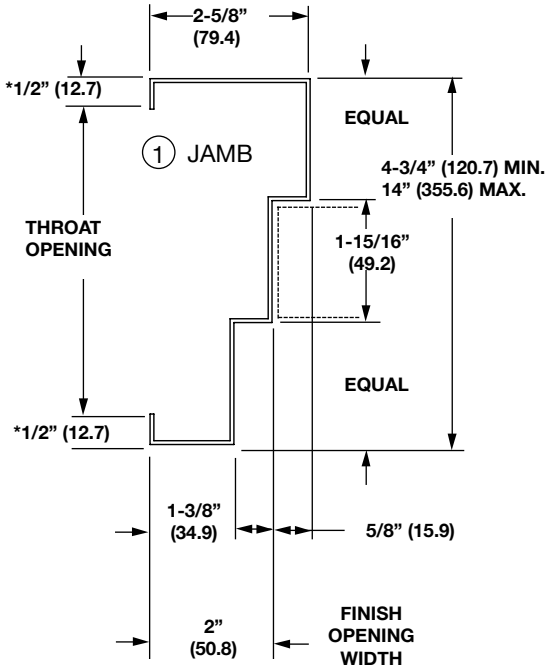


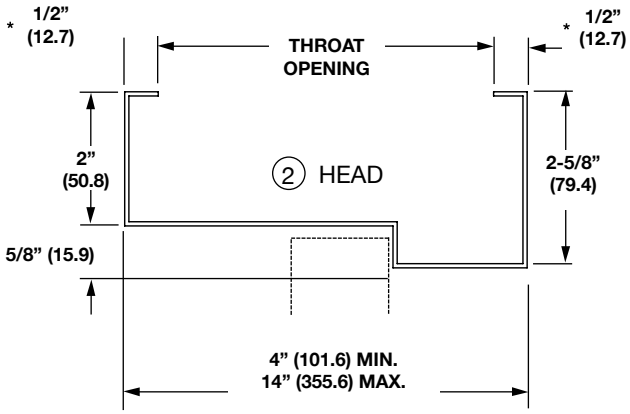
DOUBLE RIGHT HAND SWING
(STANDARD)





SOFFIT STOP IS HELD BACK 3/32" TO
PROVIDE PROPER DOOR CLEARANCE

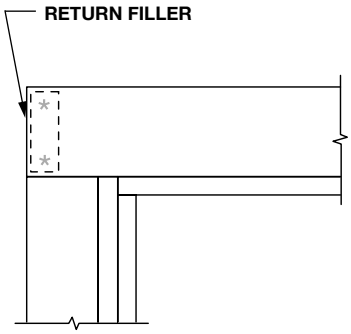


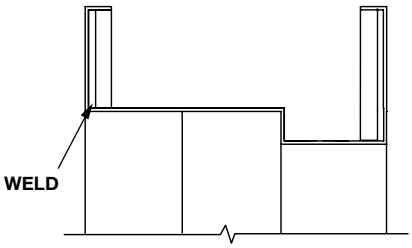


* 5-3/4" (146.1) JAMB DEPTH HAS 7/16" (11.1) RETURN 18, 16, 14 GA.
12 GA. 1/2" RETURN NO KD

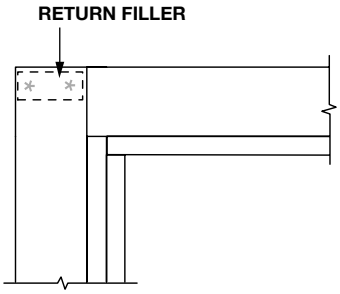
S.B.E. DOUBLE EGRESS FRAME CORNER JOINTS

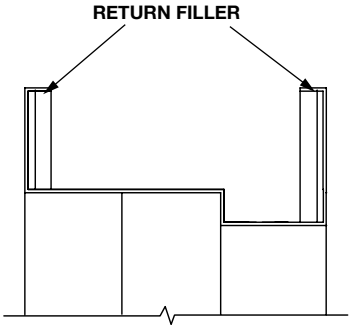
Ⓛ





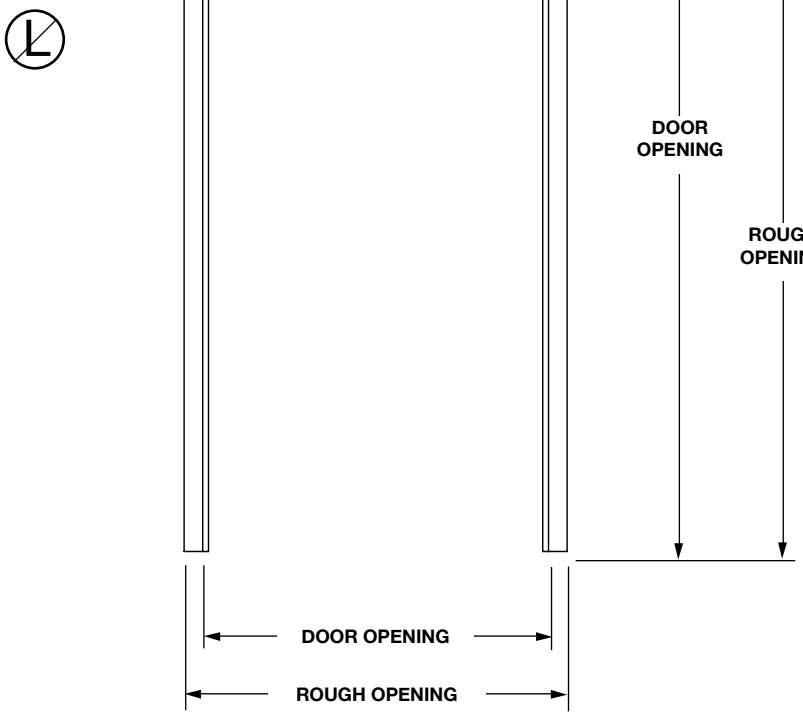
VERTICAL BUTT JOINT
(STANDARD)
WELDED &
GROUND SMOOTH



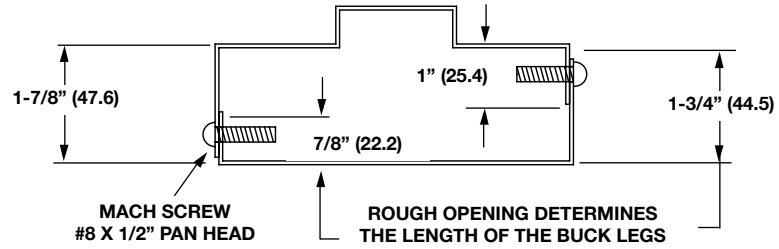


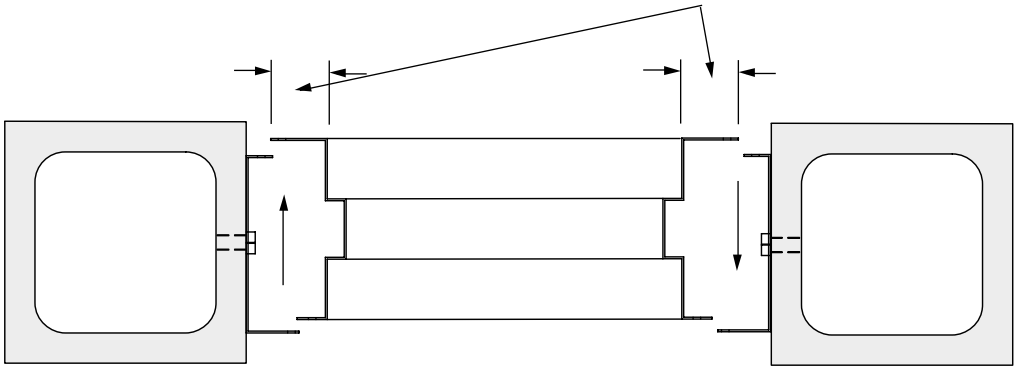
HORIZONTAL BUTT
JOINT
(OPTIONAL)
WELDED &
GROUND SMOOTH

CABINET JAMB FRAME

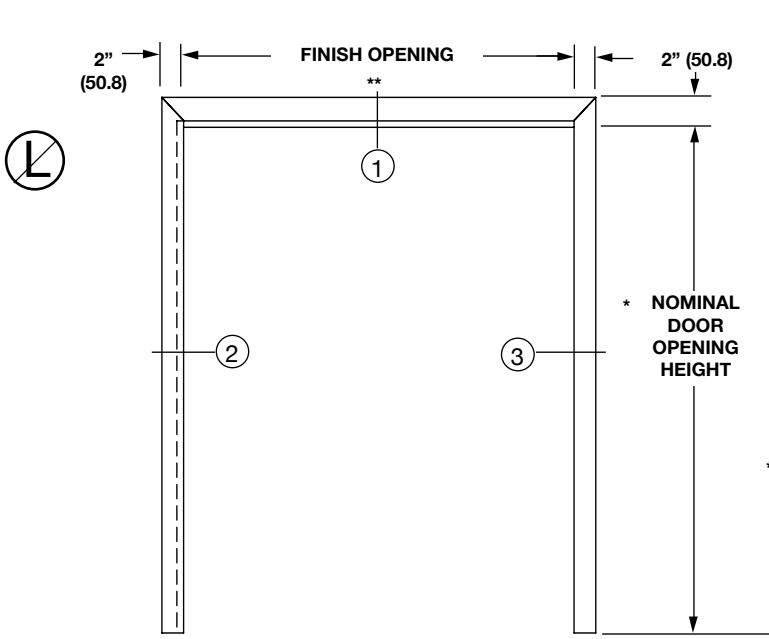


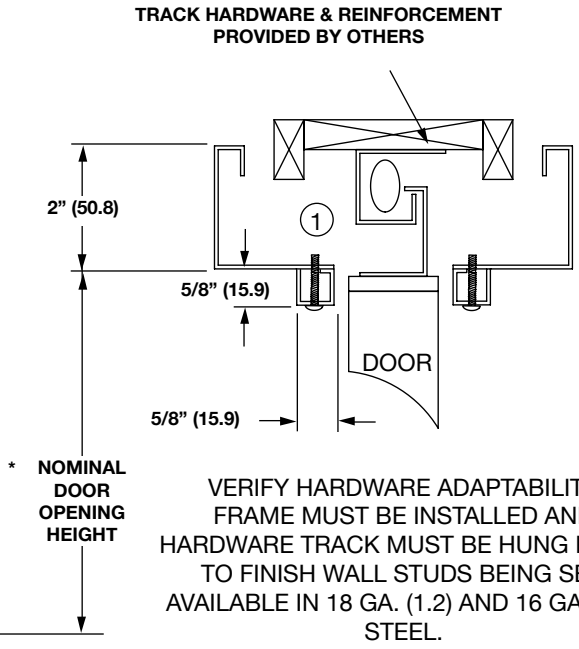
NOT U.L. LISTED
S.M.W. JAMB SECTION
BUCKS SHIP LOOSE SQUARE BUTT END
FIELD ASSEMBLED WITH SCREWS
OR WELDED



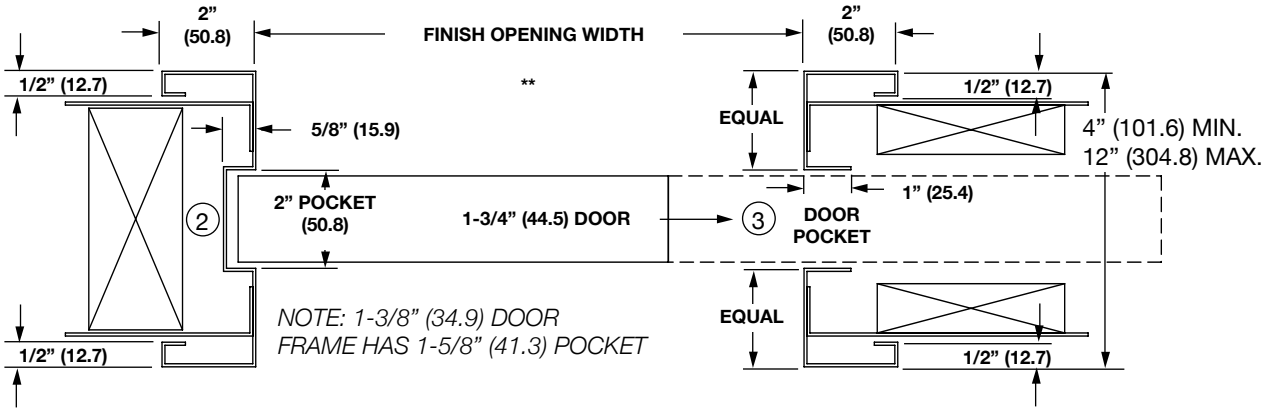


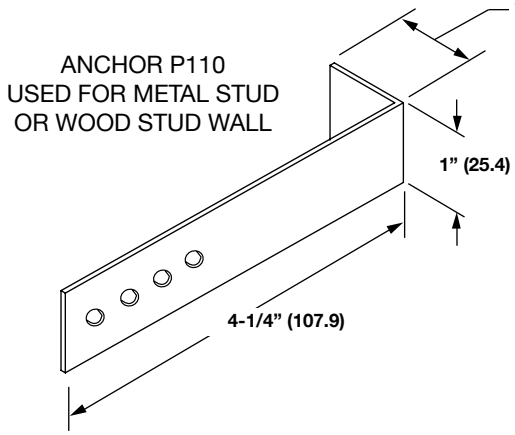
POCKET DOOR FRAME - STANDARD 1-3/8” OR 1-3/4” DOOR SINGLE





VERIFY HARDWARE ADAPTABILITY
FRAME MUST BE INSTALLED AND HARDWARE TRACK MUST BE HUNG PRIOR TO FINISH WALL STUDS BEING SET.
AVAILABLE IN 18 GA. (1.2) AND 16 GA. (1.4) STEEL.



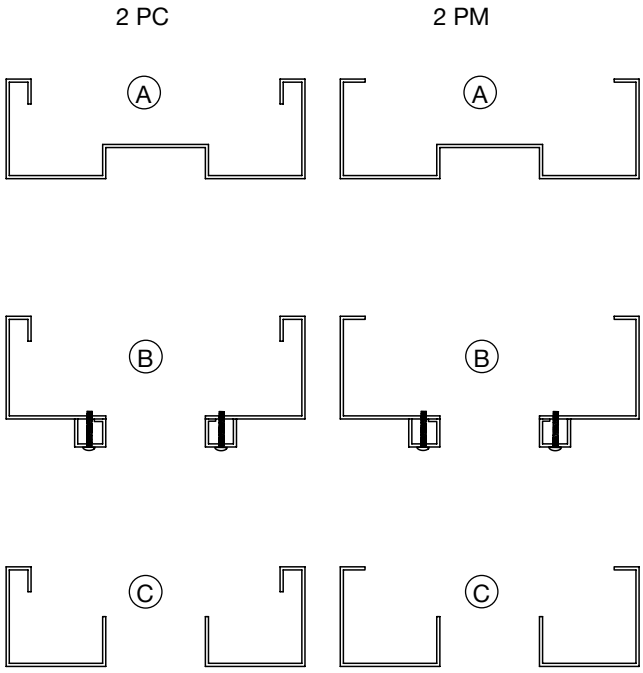


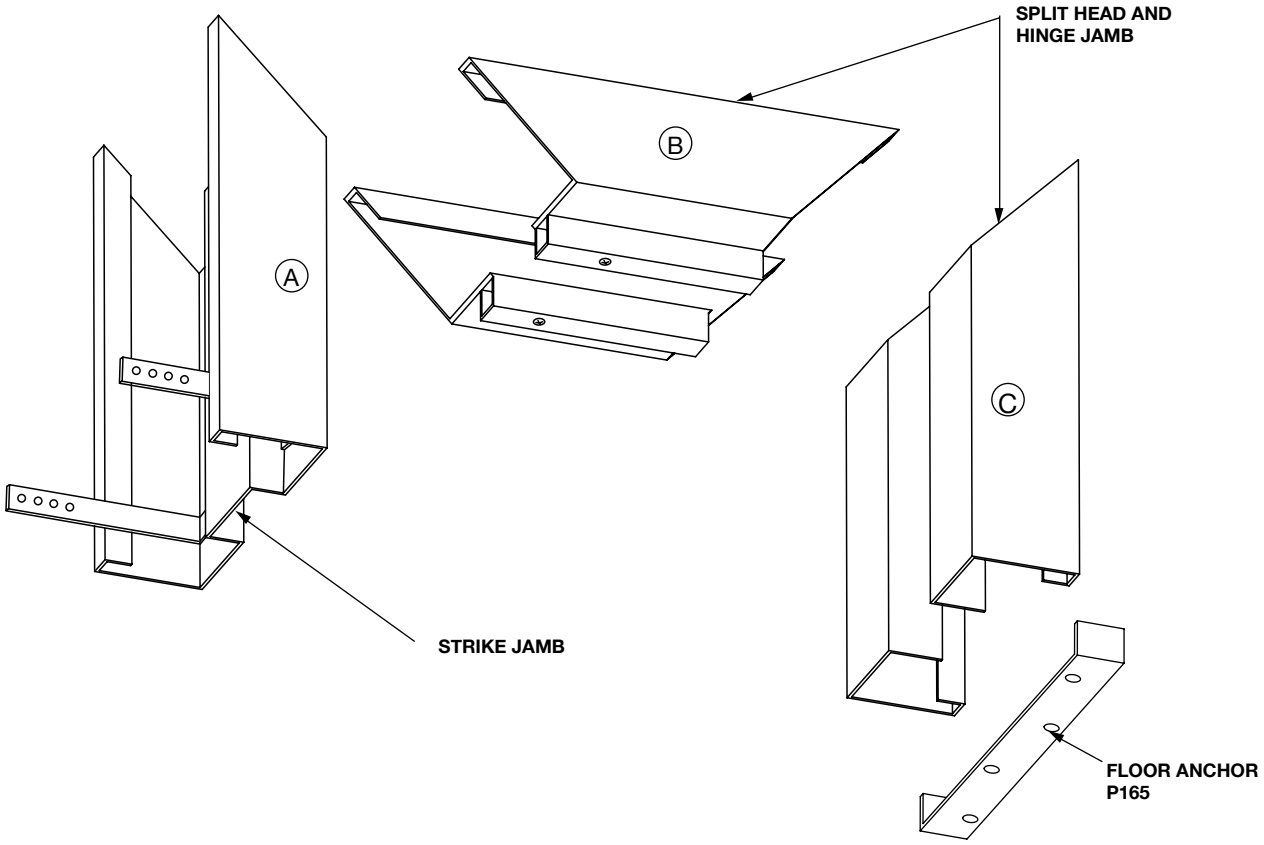
** FRAME FINISHED OPENING WIDTH SHOULD BE ORDERED 1” LESS THAN DESIRED NET DOOR SIZE.
EXAMPLE: A 3’0” (914.4) POCKET FRAME WILL HAVE FINISH OPENING WIDTH OF 2’11” (889).
THIS ALLOWS THE USE OF STANDARD DOOR WIDTHS.

* FINISH OPENING HEIGHT IS NOMINAL DOOR HEIGHT USING CURRIES STANDARD DOOR UNDERCUT.

POCKET DOOR FRAME-SAW MITERED-WELDED FOR 1-3/4” OR 1-3/8” DOORS

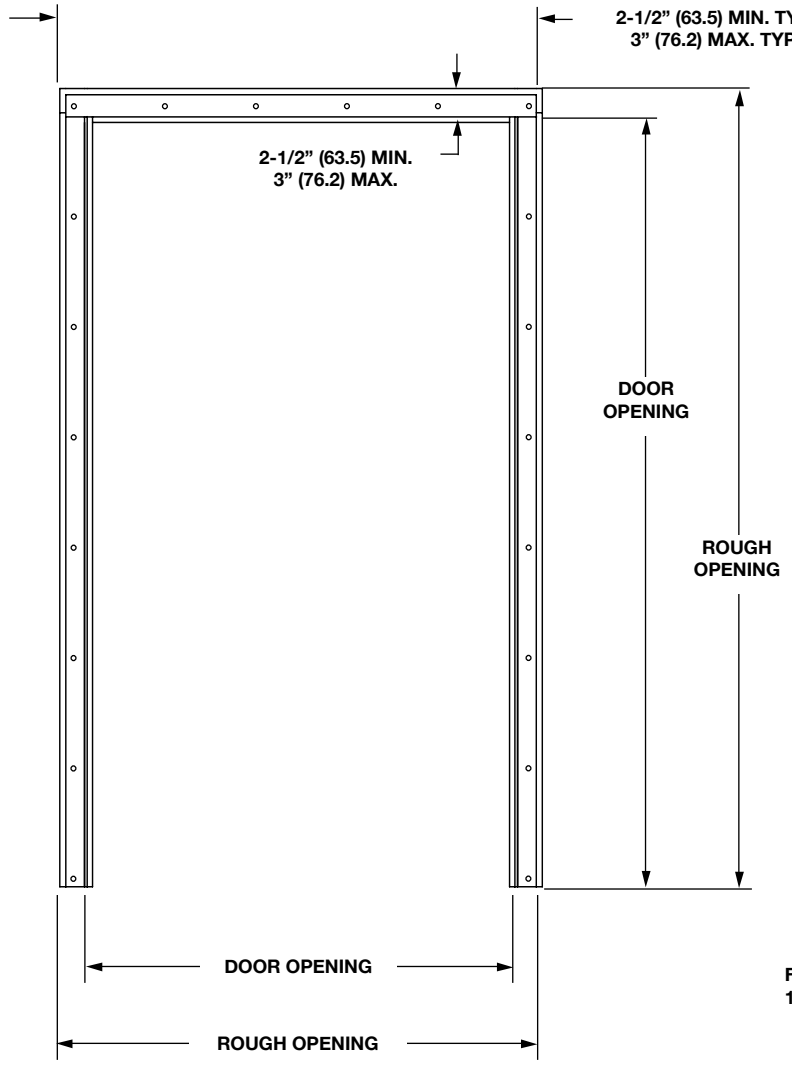
1. MITER HEAD AND JAMB AT 45˚
2. CLAMP AND TACK WELD AT BACKBEND AND FACE.
3. CONTINUOUS WELD INSIDE SEAM.
4. GRIND AND FINISH OUTSIDE SURFACES.





FLOOR ANCHOR WILL BE WELDED TO FACES OF FRAME WHEN FACTORY WELDED. MUST BE ATTACHED TO FRAME FACES WHEN FRAME IS WELDED BY OTHERS.

ROUGH BUCK FRAME



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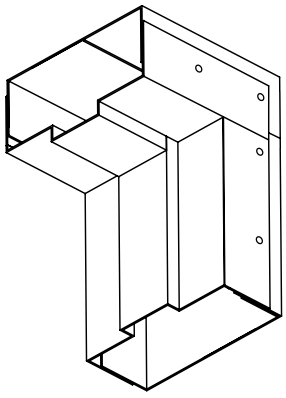
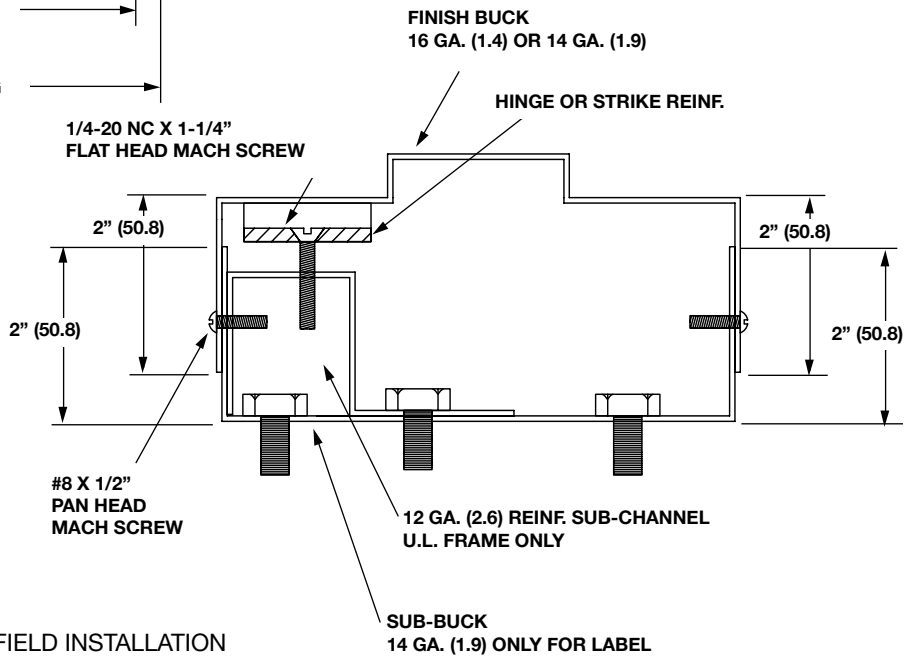
U.L. LISTED ROUGH BUCK FRAMES
BUCKS SHIPPED LOOSE SQUARE BUTT END.
FULLY PREPARED FOR INSTALLATION
WITH MOUNTING HOLES.



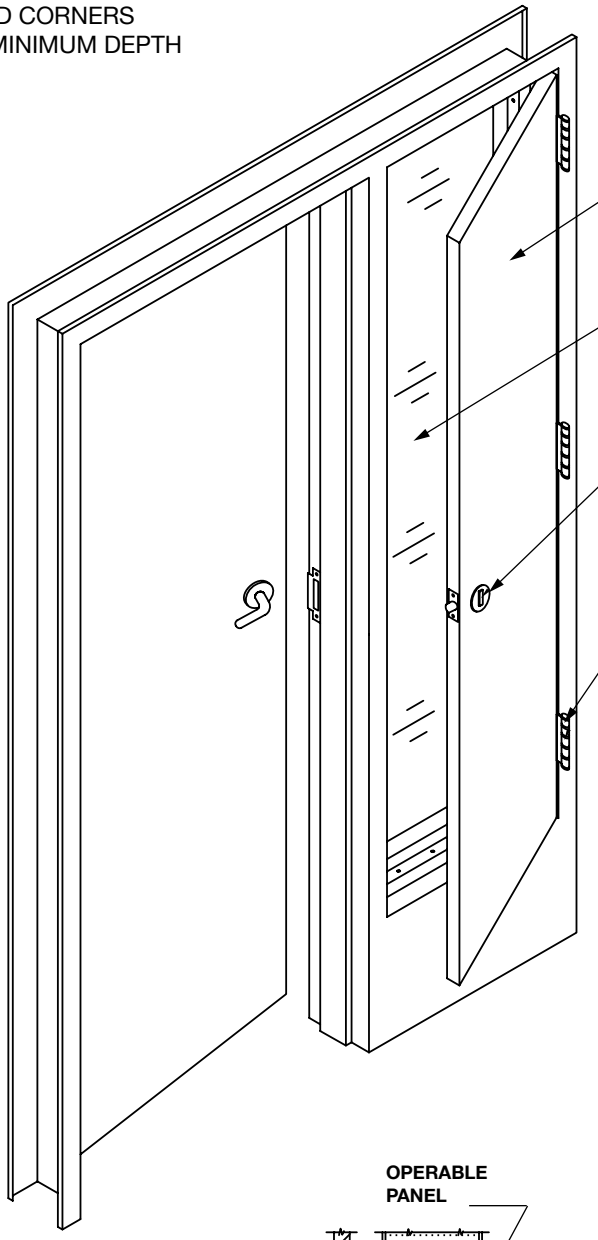


CORNER DETAIL
CORNER IS NOTCHED FOR FIELD INSTALLATION
FINISH BUCK CAN NOT BE WELDED PRIOR TO INSTALLATION.

NOTE: LABEL FRAMES FURNISHED WITH ATTACHING SCREWS AND BOLTS FOR ASSEMBLY

SECURITY SIDELITE DOOR CONSTRUCTION

16 OR 14 GA. FRAMES WITH
WELDED CORNERS
6-3/4" MINIMUM DEPTH



FEATURES:

HINGED SECURITY PANEL CLOSES TO CREATE A VISUAL BARRIER

GLASS POCKETS AVAILABLE FOR UP TO 1" THICK GLASS

PREPARED FOR SELF LATCHING DEADBOLT TO MEET PROJECT REQUIREMENTS

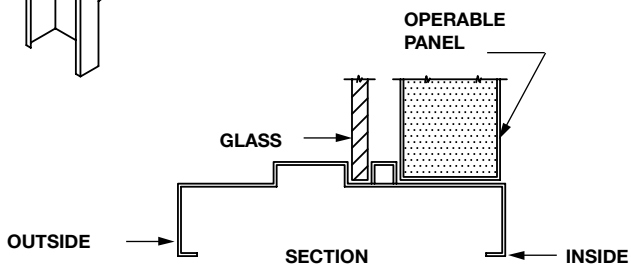
STANDARD 4-1/2" X .134 HINGE PREPARATIONS

OPTIONS:

AVAILABLE WITH MASONRY AND STUD WALL ANCHORS

FIRE RATING:
WARNOCK HERSEY
3/4 HOUR RATING.
(1-1/2 HOUR WITH SPECIALTY GLAZING)

USES:
- CLASSROOMS
- POST OFFICES
- GOVERNMENT FACILITIES
- AIRPORTS



MERCURY 3 THERMAL BREAK FRAME KD FLUSH PROFILE

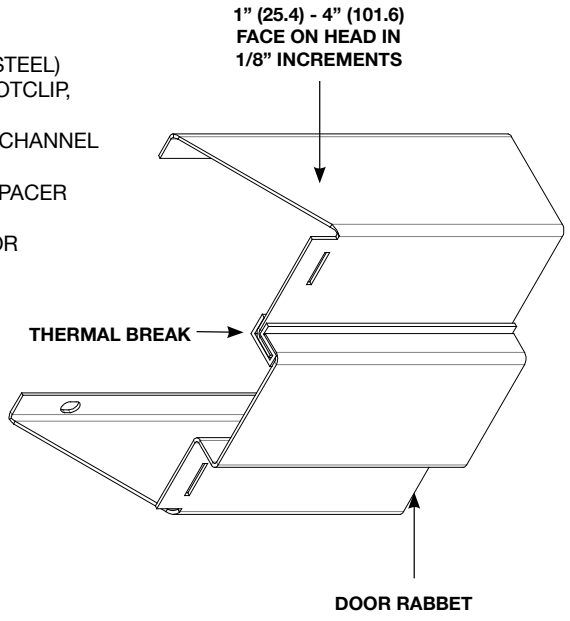
TR3 SINGLE RABBET: 3-3/4" (95.3) THRU 14" (355.6) JAMB DEPTH
TB3 DOUBLE RABBET: 5-3/4" (146.1) THRU 14" (355.6) JAMB DEPTH
16 GA. (1.4) OR 14 GA.; GALVANEALED STEEL STANDARD, GALVANIZED STEEL OPTIONAL
5/8" (15.9) HIGH STOP ONLY
KD, SEAM WELD (SW), FULL WELD (SOFFIT IS NOT WELDED)
MAXIMUM OPENING SIZE: 5'0" X 10'0" SINGLES; 10'0" X 10'0" PAIRS
PUNCH FOR SILENCERS NOT AVAILABLE
1-1/2" MAXIMUM RETURN

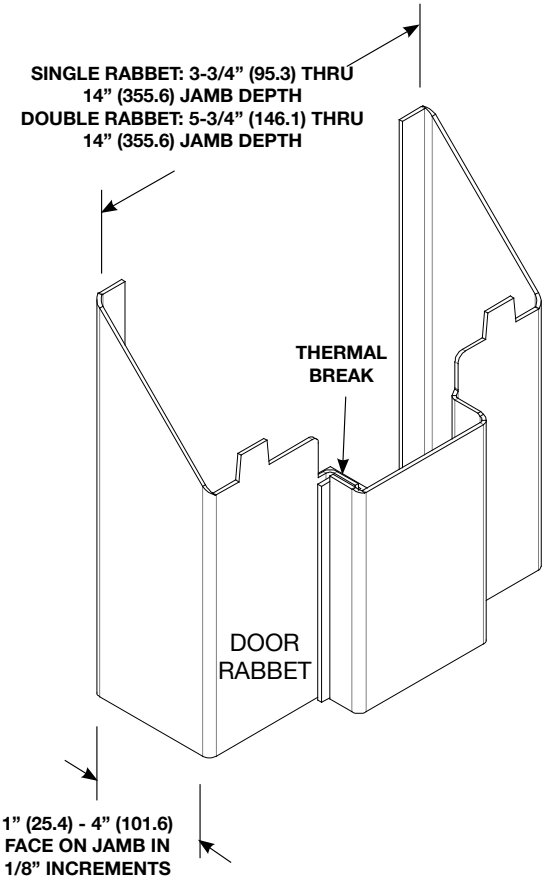
AVAILABLE ANCHORS: MASONRY WIRE, MASONRY T, WELDED SPLIT WOOD (AND STEEL) STUD, WELDED EXISTING OPENING (PUNCHED IN DOOR RABBET)[D],SPLIT BASE FOOTCLIP, WELDED STEEL CHANNEL[A,C], WELDED PIPE SPACER (PUNCHED IN SOFFIT)[B,C,D]

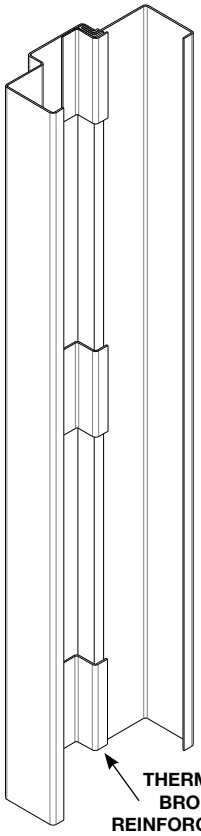
A. WELDED SPLIT WOOD STUD ANCHORS ARE RECOMMENDED WHERE STEEL CHANNEL ANCHORS ARE NORMALLY SPECIFIED.
B. WELDED EXISTING OPENING ANCHORS ARE RECOMMENDED WHERE PIPE SPACER ANCHORS ARE NORMALLY SPECIFIED.
C. THERMAL PERFORMANCE CANNOT BE GUARANTEED DUE TO POTENTIAL FOR THERMAL BRIDGING.
D. JAMB DEPTHS > 8-3/4" RECEIVE 2ND ANCHOR

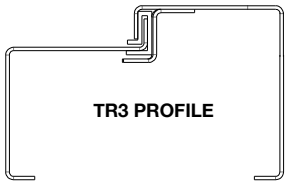
NFRC 102 U AND R VALUES STANDARDIZED THERMAL TRANSMITTANCE
MERCURY 3 FRAME & 777E DOOR - U VALUE 0.34
MERCURY 3 FRAME & 707 DOOR WITH QMAX CORE - U VALUE 0.35
TESTED AND REPORTED IN ACCORDANCE WITH SDI-113 (ASTM C1199 AND ASTM C1363)

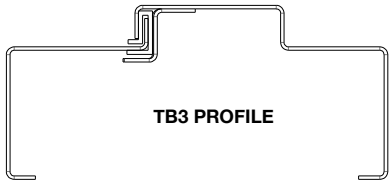
NFRC 400 AIR INFILTRATION (CFM/SQ FT)
MERCURY 3 FRAME & 777E FLUSH DOOR - 0.1
MERCURY 3 FRAME & 707 DOOR WITH QMAX CORE FLUSH DOOR - 0.1
TESTED AND REPORTED IN ACCORDANCE ASTM E283



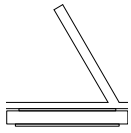








PEMKO S44 SHIPS LOOSE WITH FRAME, TO BE FIELD INSTALLED AFTER FINISH PAINT.



COVERBOXES SUPPLIED WITH MERCURY 3 FRAME PRODUCT MAY REQUIRE FIELD CAULKING AROUND ANY VOIDS TO MINIMIZE POTENTIAL FOR MORTAR/GROUT SEEPAGE INTO THE COVERBOX IF GROUT IS USED.

MERCURY 3 THERMAL BREAK FRAME CCW STICK COMPONENTS

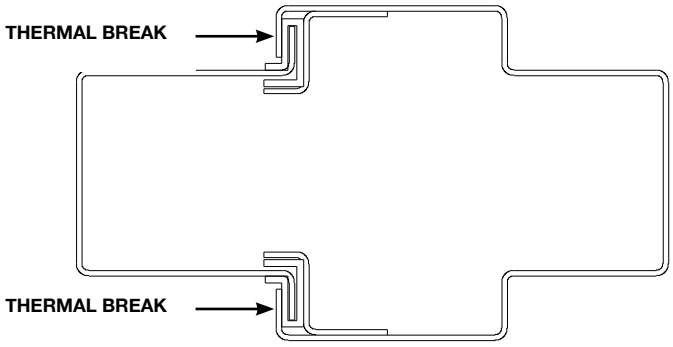
16 GA. (1.4) OR 14 GA (1.9); GALVANNEALED STEEL STANDARD, GALVANIZED STEEL OPTIONAL
5/8" (15.9) HIGH STOPS ONLY
BUTT END JOINTS ONLY
NOT LABELED

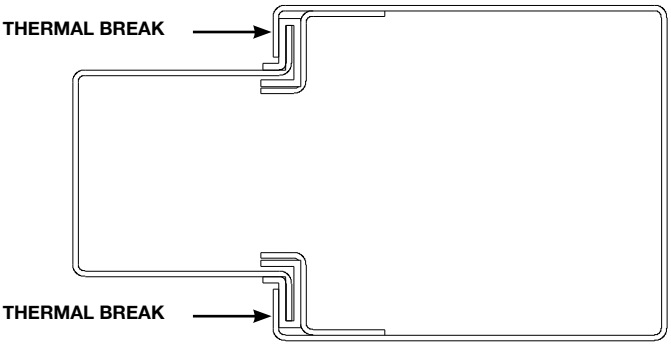
TOM3 MULLION - 16 GA.(1.4) OR 14 GA.
PUNCH FOR SILENCERS NOT AVAILABLE

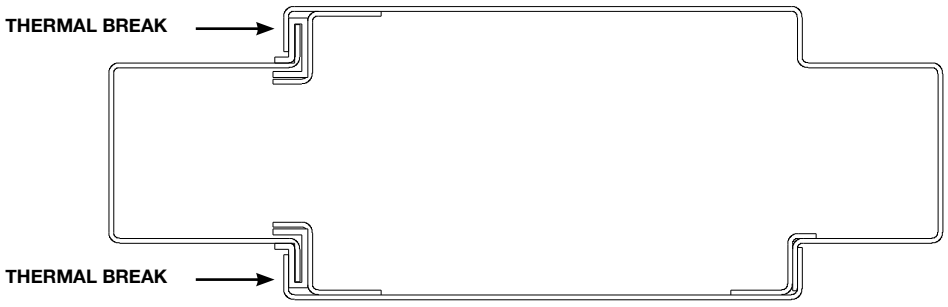
5-3/4" (146.1) THRU 14" (355.6) JAMB DEPTH
AVAILABLE DOUBLE RABBET

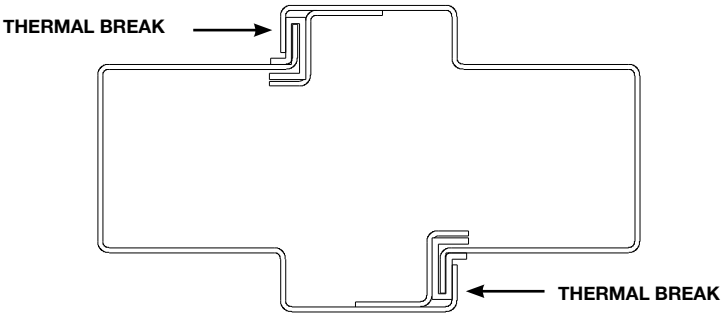
3-3/4" (95.3) THRU 14" (355.6) JAMB DEPTH
AVAILABLE SINGLE RABBET

TOM3 PROFILES



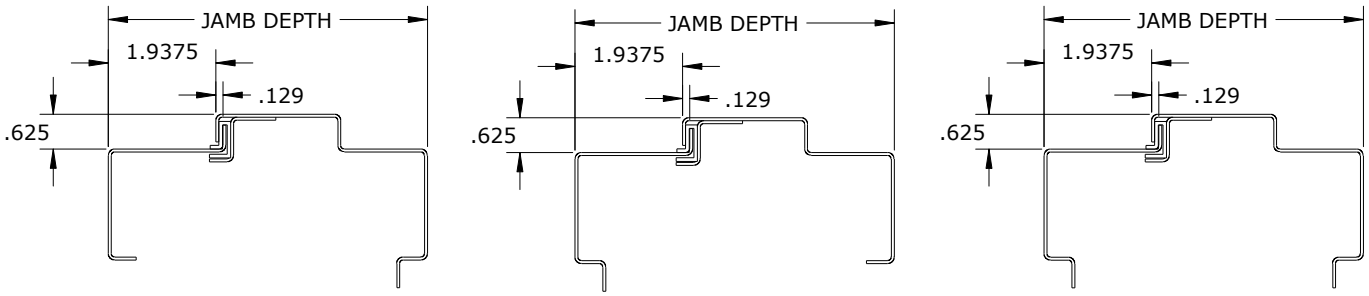




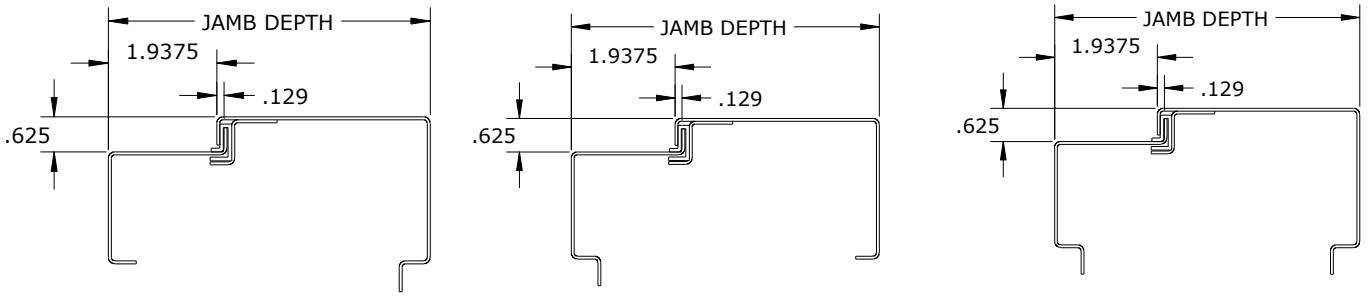


MERCURY 3 THERMAL BREAK FRAME PROFILES WITH STUCCO FLANGE

TBF3 PROFILES



TRF3 PROFILES



	TBF3 PROFILE	TBR3 PROFILE
GAUGE	16, 14	16, 14
MATERIAL	GALVANNEALED STANDARD GALVANIZED OPTIONAL	GALVANNEALED STANDARD GALVANIZED OPTIONAL
FINISH	PRIME PAINTED	PRIME PAINTED
DEPTH	5-3/4" TO 14"	3-7/8" TO 14"
THROAT SINGLE RABBET	1-3/16" LESS THAN DEPTH (OUTSWING/INSWING) 1-3/8" LESS THAN DEPTH (STUCCO)	1-3/16" LESS THAN DEPTH (OUTSWING/ INSWING) 1-3/8" LESS THAN DEPTH (STUCCO)
FACE	1" THRU 4"	1" THRU 4"
STOP HEIGHT	5/8"	5/8"
CORNER CONDITION	SAW MITER WELD (SMW), BUTT END TACK WELD RABBET AND SOFFET (BET), BUTT END WELD (BEW)	SAW MITER WELD (SMW), BUTT END TACK WELD RABBET AND SOFFET (BET), BUTT END WELD (BEW)
OPENING WIDTH SINGLE OPENING WIDTH DOUBLE	2'0" TO 5'0" 4'0" TO 10'0"	2'0" TO 5'0" 4'0" TO 10'0"
OPENING HEIGHT	2'0" TO 10'0"	2'0" TO 10'0"
RABBET	1-15/16" (DOOR), 1-9/16" (OPPOSITE DOOR)	1-15/16"
SOFFIT	1-7/8" MIN.	1-7/8" MIN.
RETURN RETURN (FLANGE SIDE)	1/2" 5/8" STD. 1/2" MAX. WHEN FLANGE ON DOOR RABBET SIDE	1/2" 5/8" STD. 1/2" MAX. WHEN FLANGE ON DOOR RABBET SIDE
FLANGE	1/2" STANDARD, 1/2" MIN. 3" MAX.	1/2" STANDARD, 1/2" MIN. 3" MAX.

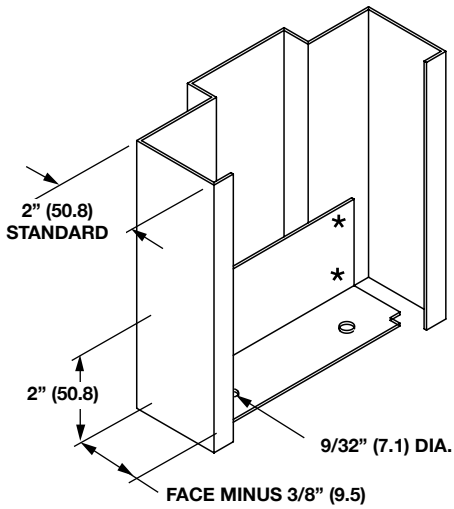
ANCHORS	ATTACHMENT
MASONRY	WIRE MASONRY ANCHOR
EXISTING OPENING	WELDED IN
WOOD STUD STRAPS ONLY	WELDED IN
SPLIT FIXED FLOOR	WELDED IN

PEMKO S44 SHIPS LOOSE WITH FRAME, TO BE FIELD INSTALLED AFTER FINISH PAINT.

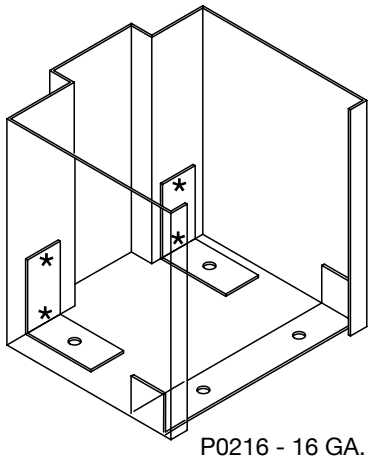
ALL DIMENSIONS SHOWN ARE STANDARD. FOR VARIATIONS REFER TO THE CHART FOR LIMITS.

NOTE: SOME OF THESE COMBINATIONS, DUE TO MANUFACTURING CLEARANCE, MUST BE MADE IN MULTIPLE PIECES.
** FULLY WELDED THERMALLY BROKEN FRAMES WILL BE LIMITED TO FACE MITER WELDS, HEAD AND JAMB RABBET SEAM WELDS ONLY.*

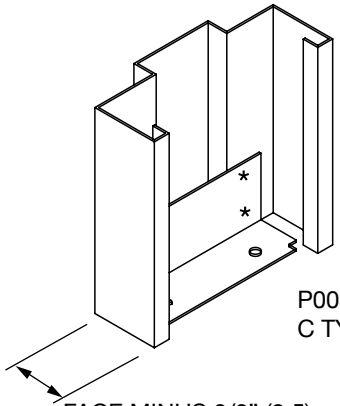
STANDARD FOOT CLIPS



P0030
STANDARD FOOT CLIP
16 GA. (1.4)

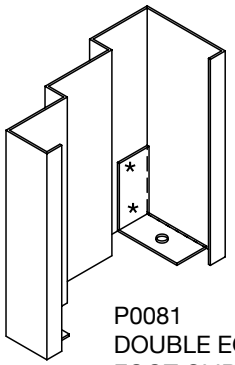


P0216 - 16 GA.
FOR FACE WIDTH OVER 4"
P0281 - 14 GA.
P0284 - 12 GA.

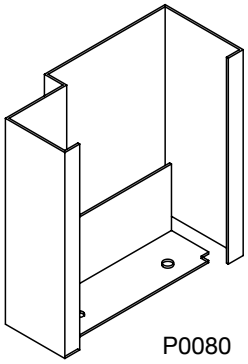


P0030
C TYPE FRAME

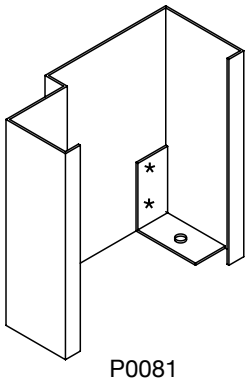
FACE MINUS 3/8" (9.5)
LABEL REQUIREMENTS: FACE
MINUS 1/2" (12.7) MAXIMUM



P0081
DOUBLE EGRESS
FOOT CLIPS



P0080
G PROFILE
JAMB DEPTH 4" (101.6) OR LESS

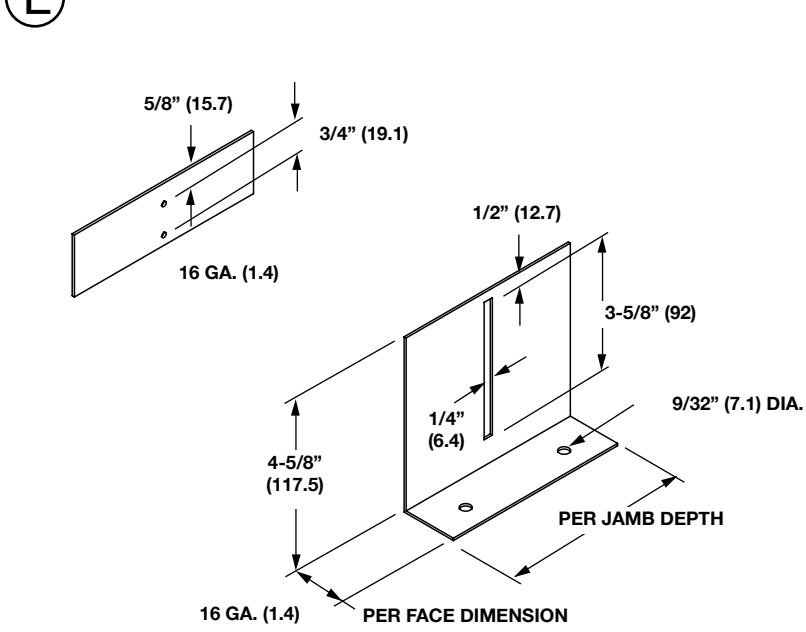


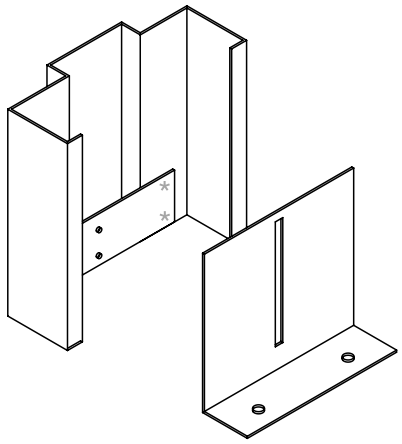
P0081
G PROFILE
GREATER THAN 4" (101.6)
JAMB DEPTH

ADJUSTABLE FOOT CLIP

ANCHOR PART NUMBER: P0078

FOOT CLIP SHIPPED LOOSE WITH 2-#12 SHEET METAL SCREWS

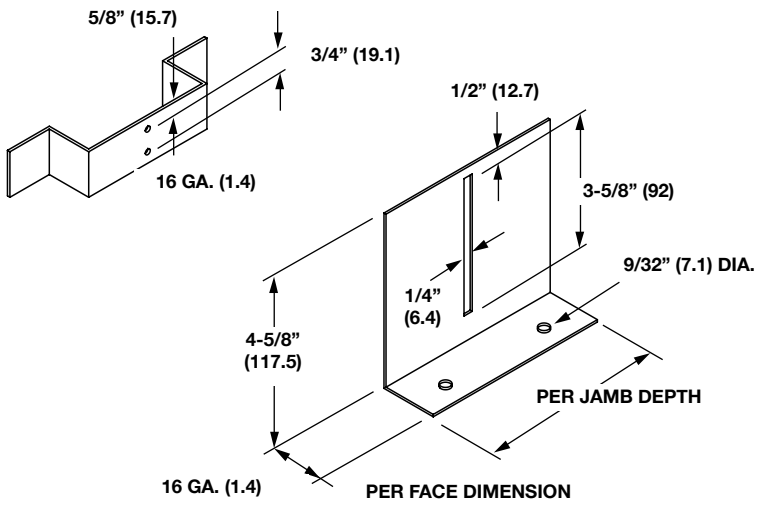


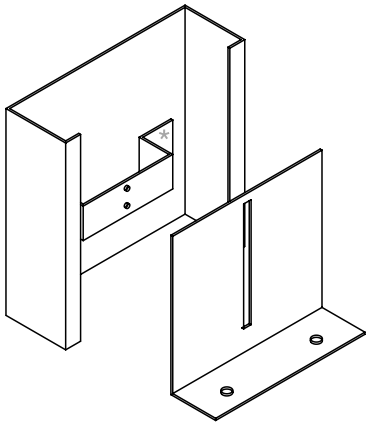


ADJUSTABLE FOOT CLIP - CASED OPENING

ANCHOR PART NUMBER: P0151

FOOT CLIP SHIPPED LOOSE WITH 2-#12 SHEET METAL SCREWS





COMMON WALLS FOR MASONRY ANCHOR

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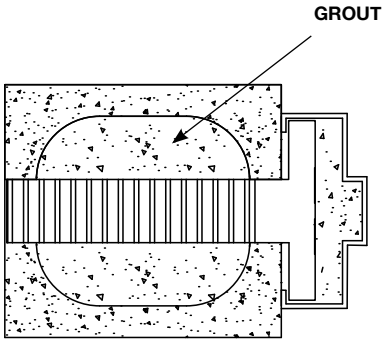
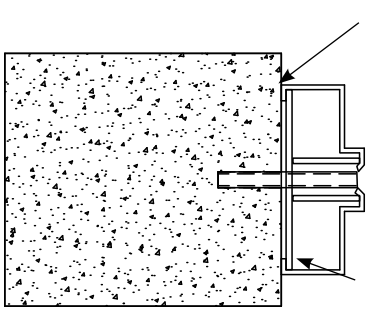
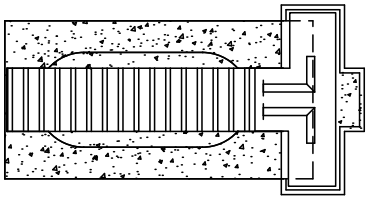


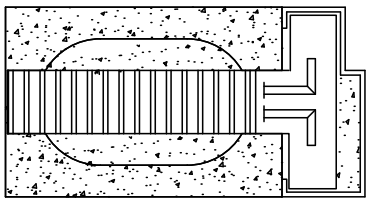
BUTTED MASONRY-BRICK-TILE OR CMU



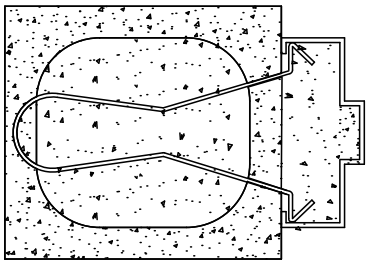
EXISTING MASONRY OR POURED CONCRETE.



WRAP MASONRY-BRICK-TILE OR CMU

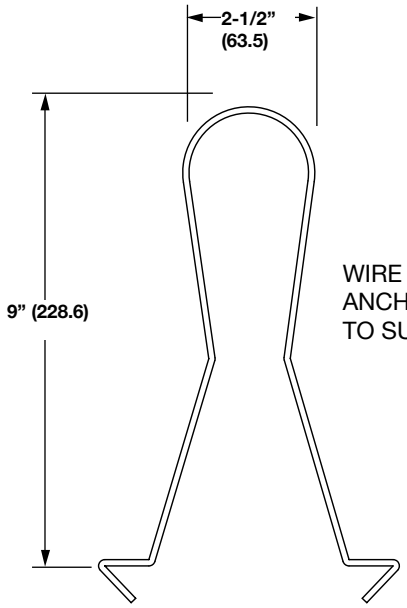


BUTTED MASONRY-BRICK-TILE OR CMU



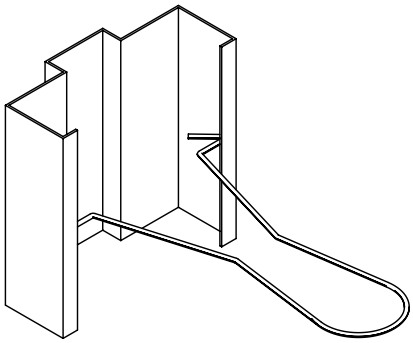
BUTTED MASONRY-BRICK-TILE OR CMU

MASONRY WIRE ANCHOR



WIRE DIA. 3/16" (4.8) GALV.
ANCHOR MAY BE BENT
TO SUIT JAMB DEPTH

ANCHOR PART NUMBER: P0098
ORDER CODE LOOSE: MW



CONCEALED EXISTING OPENING ANCHOR

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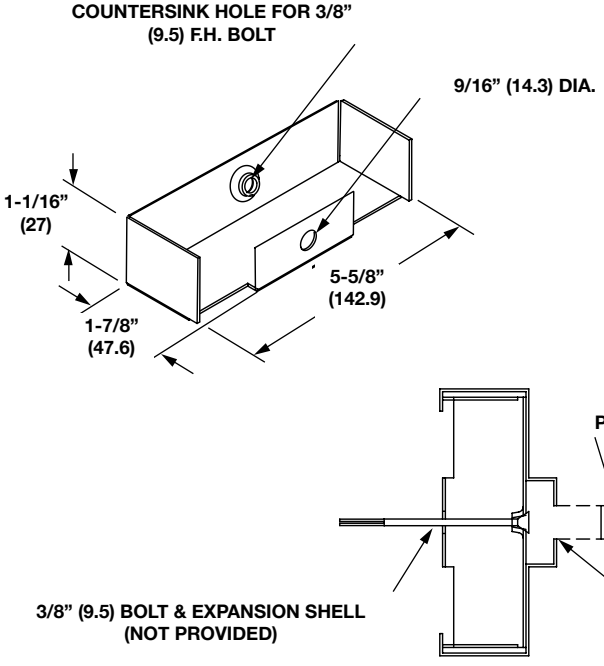
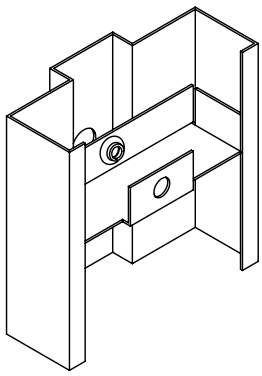


ALL EXISTING WALL FRAMES WILL HAVE BOLT HOLES UPNCHED UNLESS SPECIFIED OTHERWISE.

ANCHOR PART NUMBER: CF004557
100 ANCHORS W/PLASTIC PLUG

PLASTIC PLUG PART NUMBER: MS002600
100 PLASTIC PLUGS



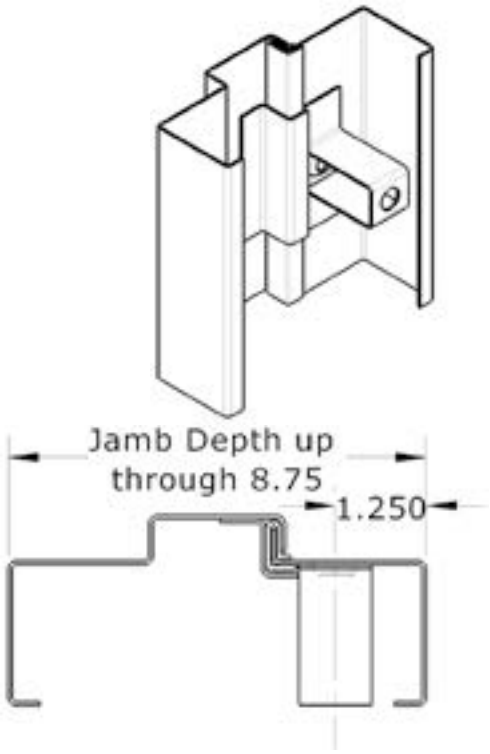
NOTE: ANCHORS AVAILABLE FOR 5-3/4" (146.1) JAMB DEPTH 2" FACE ONLY AVAILABLE AS SHIP LOOSE PART ONLY

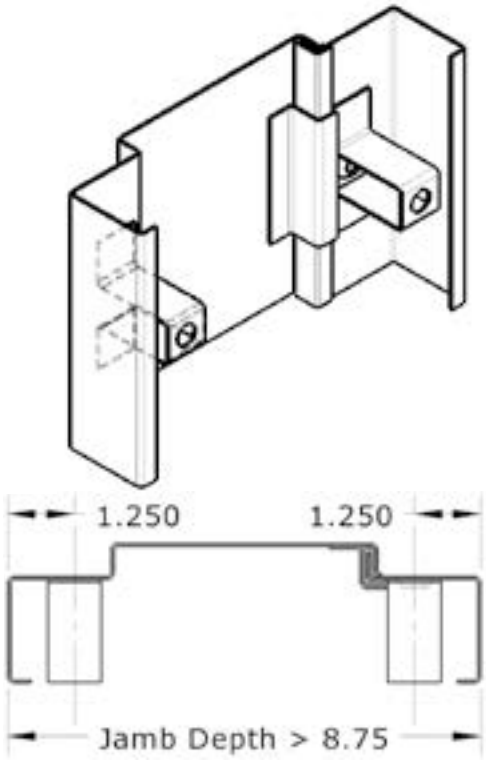
WELDED EXISTING OPENING ANCHOR- MERCURY 3 THERMAL BREAK FRAME

FOR MERCURY 3 THERMAL BREAK FRAMES
SINGLE OR DOUBLE RABBET
THE WELDED EXISTING OPENING ANCHOR IS AVAILABLE FOR ALL JAMB DEPTHS
EXPANSION SHELL OR 3/8" FLAT HEAD BOLT RECOMMENDED
WELDED IN AT FACTORY

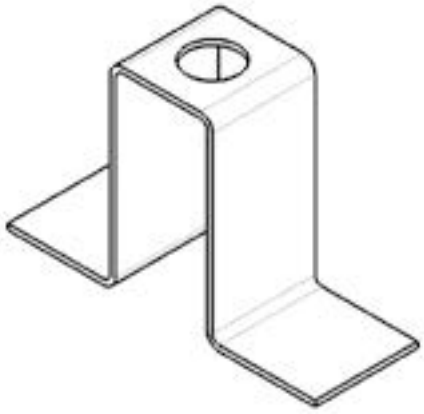
ALL FRAMES PREPPED FOR WELDED EXISTING OPENING ANCHORS WILL HAVE BOLT HOLES PUNCHED UNLESS SPECIFIED OTHERWISE.

ANCHOR PART NUMBER: P0335
ORDER CODE: EO





NOTE: ALL WELDED EXISTING OPENING ANCHORS MAY BE USED IN SINGLE RABBET OR DOUBLE RABBET MERCURY THERMAL BREAK FRAMES. TWO ANCHORS WILL BE INSTALLED IN JAMB DEPTHS GREATER THAN 8-3/4".



MASONRY “T” ANCHOR

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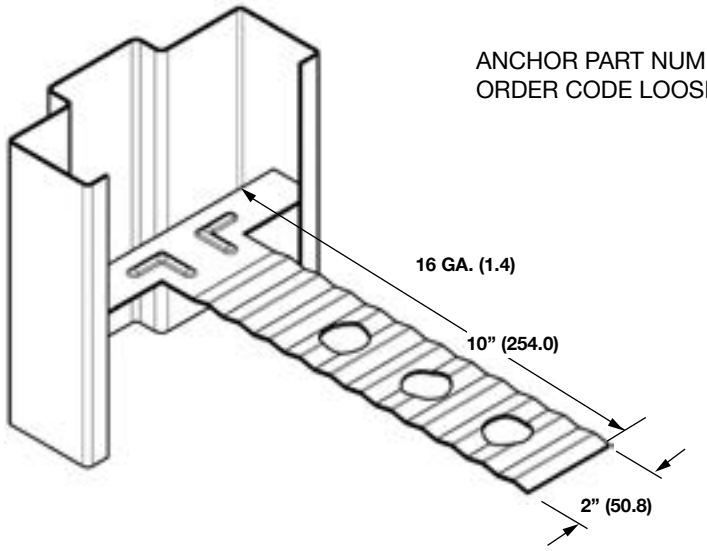

ANCHOR PART NUMBER: P0069
ORDER CODE LOOSE: M

WELD IN TYPE MASONRY ANCHOR

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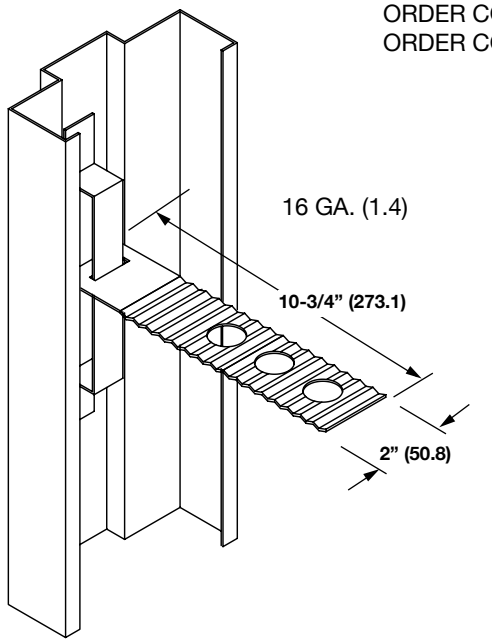


ANCHOR PART NUMBER: P0002
ORDER CODE LOOSE: ML
ORDER CODE WELDED: WML

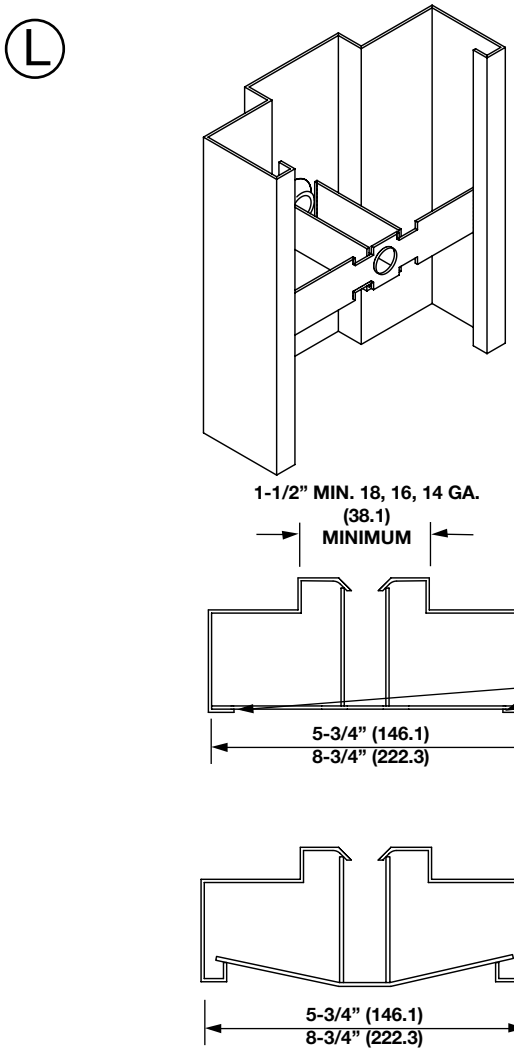
EWA ANCHOR

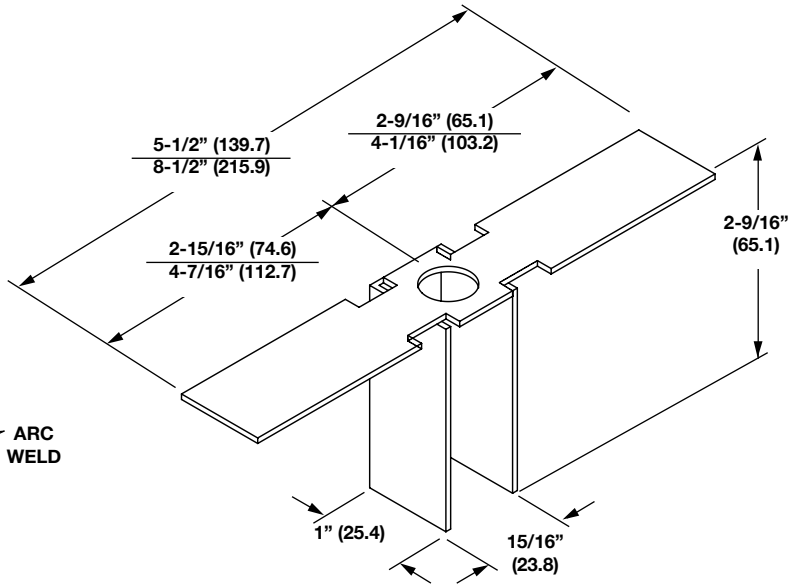
FOR STANDARD RABBETED FRAMES 1-15/16” (49.2) X 1-9/16” (39.7)
THE EWA ANCHOR IS AVAILABLE IN 5-1/2” (139.7) & 8-1/2” (215.9) SIZES TO
FIT 5-3/4” (146.1) & 8-3/4” (222.3) STANDARD RABBETED FRAMES RESPECTIVELY.
3/8” FLAT HEAD BOLT RECOMMENDED.

ALL EXISTING WALL FRAMES WILL HAVE BOLT HOLES UPNCHED UNLESS SPECIFIED OTHERWISE.

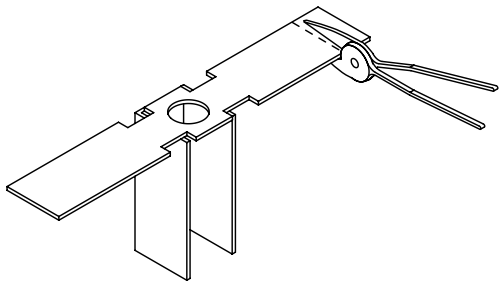
ANCHOR PART NUMBER: P0070
ORDER CODE LOOSE: EWA
ORDER CODE WELDED: WEWA

-AVAILABLE AS SHIP-LOOSE ANCHOR
-AVAILABLE FROM WAREHOUSE AS STOCK #CF004896
-SPECIFY 5-1/2” (139.7) OR 8-1/2” (215.9) SIZE





DIAMETER 3/8” (9.5) X 1-3/4” (44.5)
EMBEDMENT LENGTH OR STEEL
EXPANSION SHELL OR 3/8” (9.5)
FLATHEAD BOLT



THE EWA ANCHOR MAY BE TRIMMED TO FIT ANY FRAME OF STANDARD RABBET OR SINGLE RABBET 8-3/4” (222.3) OR LESS IN JAMB DEPTH AND EQUAL RABBET 8-3/8” (212.7) OR LESS IN JAMB DEPTH

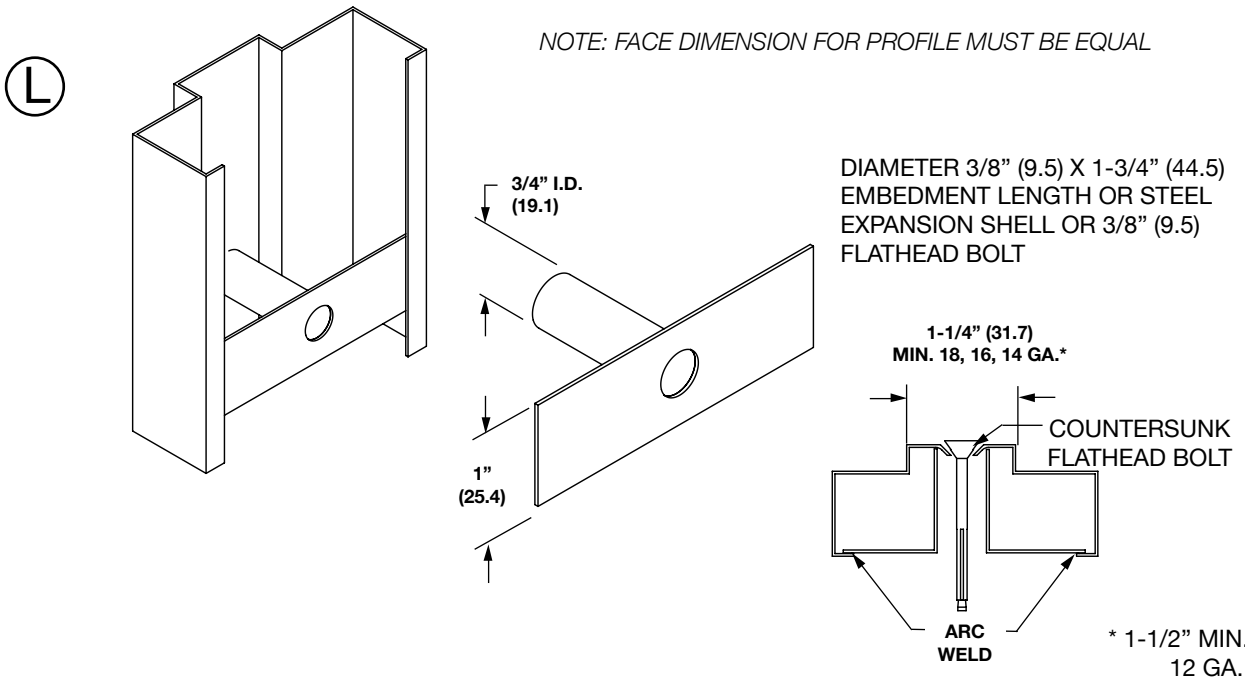
* 1-1/2” MINIMUM 12 GA.

NOTE: 1-7/8 MIN. STOP WIDTH FOR QM PROFILE

PIPE SPACER ANCHOR

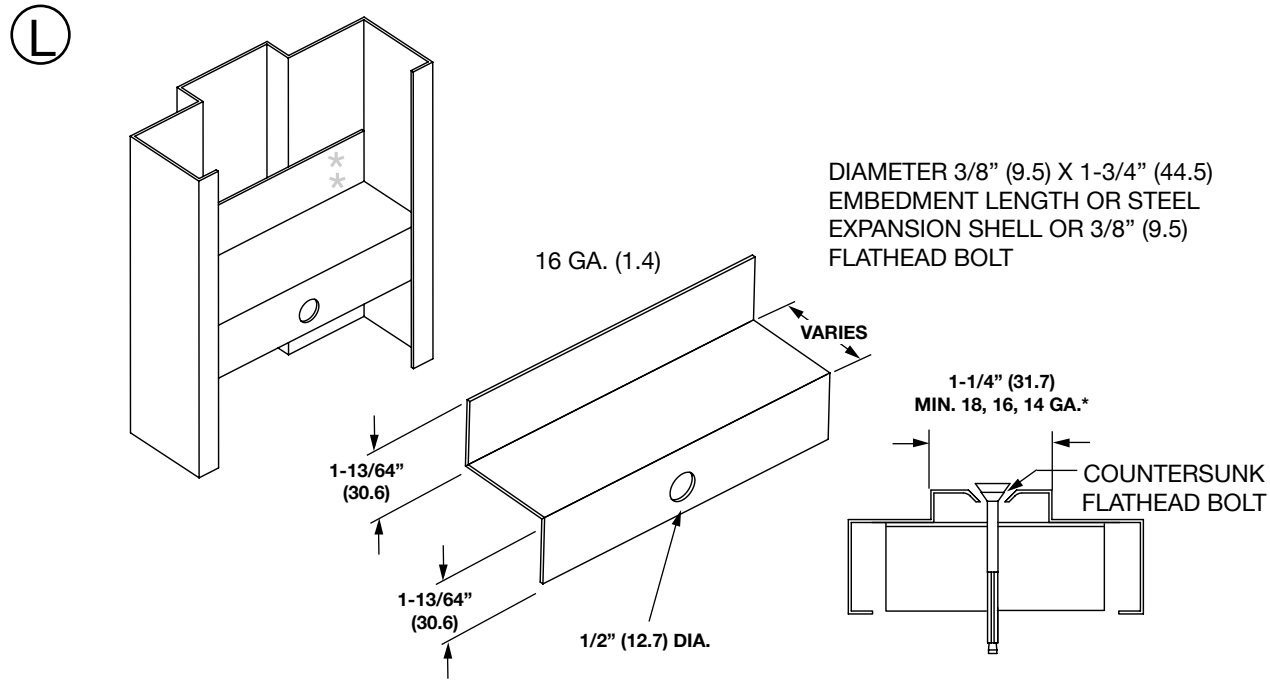
ANCHOR PART NUMBER: P0044
ORDER CODE LOOSE: PS
ORDER CODE WELDED: WPS

ALL EXISTING WALL FRAMES WILL HAVE BOLT HOLES UPNCHED UNLESS SPECIFIED OTHERWISE.



SPACING BRACKET ANCHOR

ANCHOR PART NUMBER: P0146
ORDER CODE LOOSE: SB
ORDER CODE WELDED: WSB

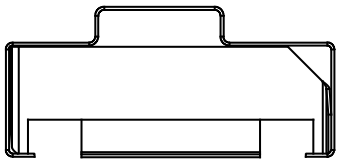


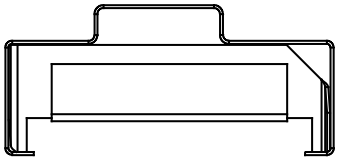
STEEL CHANNEL ANCHOR - SLIP-IN

STANDARD (FLUSH)
ORDER CODE LOOSE: SCF
16 GA. (1.4)

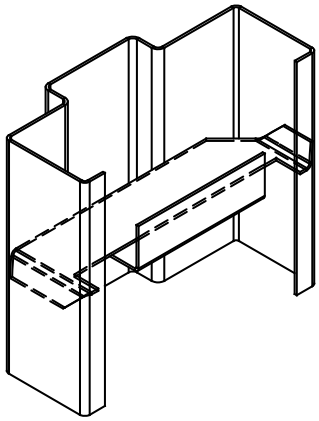
OPTIONAL (RECESSED)
ORDER CODE LOOSE: SCR
16 GA. (1.4)
18 GA. (1.09) 5-3/4" JAMB DEPTH ONLY

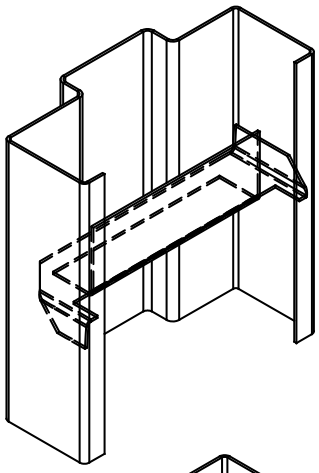
Ⓛ

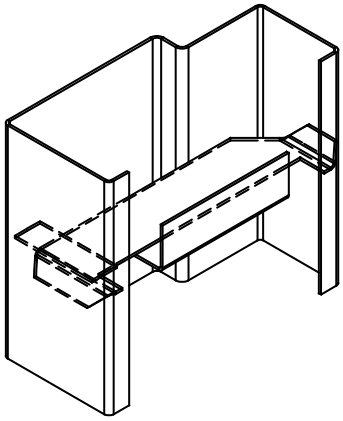


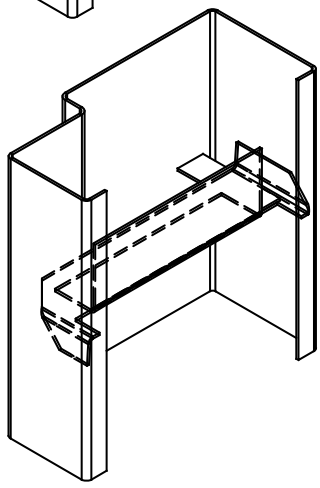


DOUBLE
RABBET

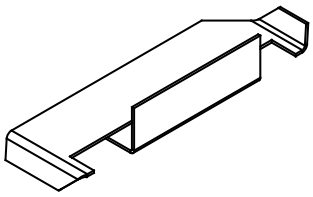


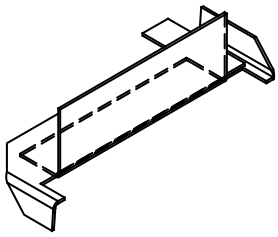






SINGLE
RABBET/DE



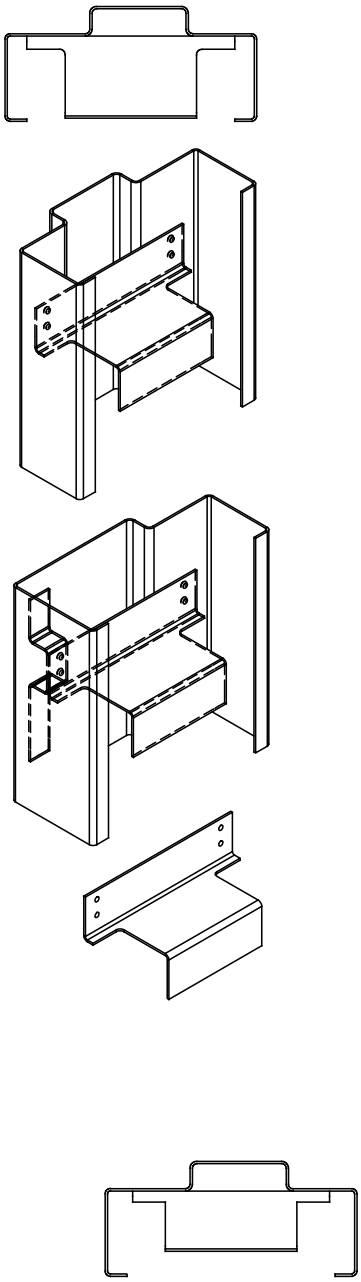


NOTE: MINIMUM FACE OF 1-1/4" (31.8) REQUIRED FOR THIS ANCHOR TYPE

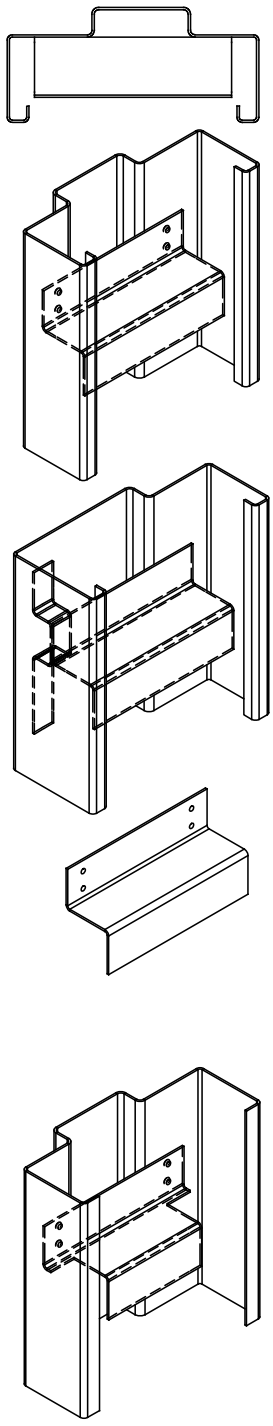
STEEL CHANNEL ANCHOR-WELDED

Ⓛ

STANDARD (FLUSH)
ORDER CODE: WSCF
16 GA. (1.4)



OPTIONAL (RECESSED)
ORDER CODE: WSCR
16 GA. (1.4)



DOUBLE
RABBET

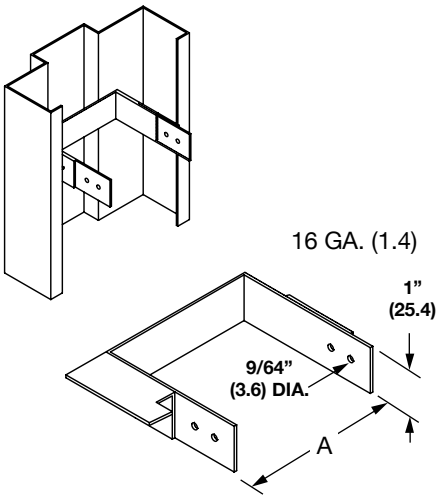
SINGLE
RABBET/DE

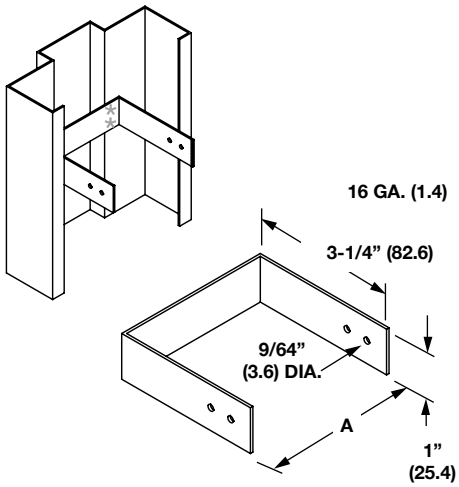
ELECTRICAL CONDUIT
(RECESSED)
ORDER CODE: ESCR

NOTE: FLUSH ANCHORS ALLOW FOR 3/4" (19) DRYWALL. NEED TO SPECIFY IF GREATER.FLUSH ANCHORS CAN BE USED WITH ELECTRICAL CONDUIT.

WOOD STUD ANCHOR

SLIP IN WOOD STUD ANCHOR - “M” SERIES FRAME ONLY
ORDER CODE LOOSE: WS “A” DIMENSIONS
ANCHOR PART NUMBER: P0152 - SPECIFY STUD WIDTH

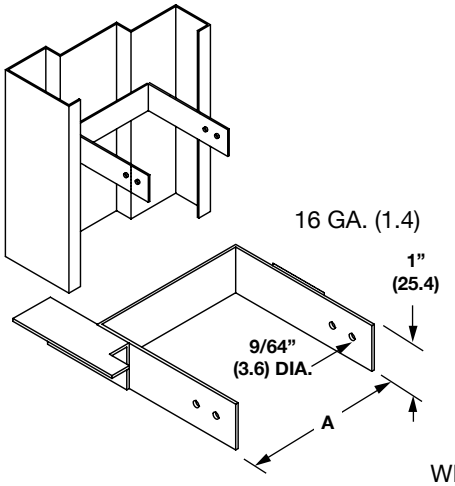


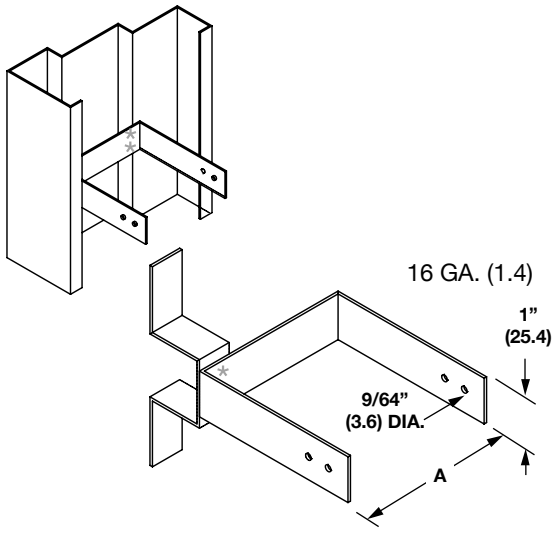


WELD IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WWS “A” DIMENSIONS
ANCHOR PART NUMBER: P0148 - SPECIFY STUD WIDTH

WOOD STUD ANCHORS - DOUBLE EGRESS

SLIP IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WS “A” DIMENSIONS
ANCHOR PART NUMBER: P0152 - SPECIFY STUD WIDTH





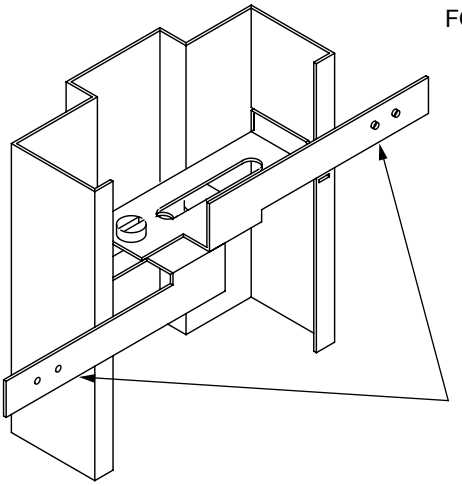
WELD IN WOOD STUD ANCHOR
ORDER CODE LOOSE: WWS “A” DIMENSIONS
ANCHOR PART NUMBER: P0148 - SPECIFY STUD WIDTH

NOTE: SPECIFY JAMB OR HEAD ANCHOR WHEN ORDERING.CURRIES WOOD STUD ANCHORS CAN BE USED WITH WOOD AND METAL STUDS. BOTH ARE LABEL APPROVED.

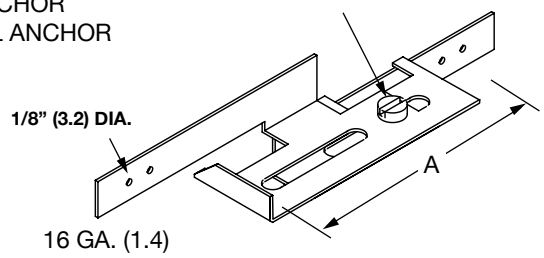
ADJUSTABLE MULTIPURPOSE ANCHOR

ANCHOR PART NUMBER: P0027
ANCHOR CODE: AMP
“A” DIMENSION = JAMB DEPTHS OF 4-3/8” (111.1) THRU 6-3/4” (171.5)
2” (50.8) FACE FLUSH “M” SERIES OR DRYWALL “C” SERIES
FIELD ADJUSTED TO JAMB DEPTH. AVAILABLE AS SHIP LOOSE PART ONLY

Ⓛ



FOR USE AS:
WOOD STUD ANCHOR
WIRE TRUSS ANCHOR
STEEL CHANNEL ANCHOR



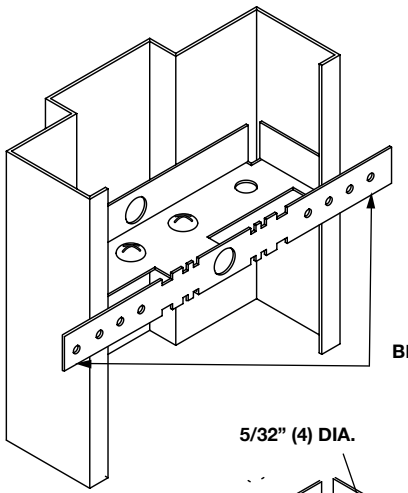
16 GA. (1.4)

BEND OR TRIM LEGS TO SUIT WALL CONDITIONS

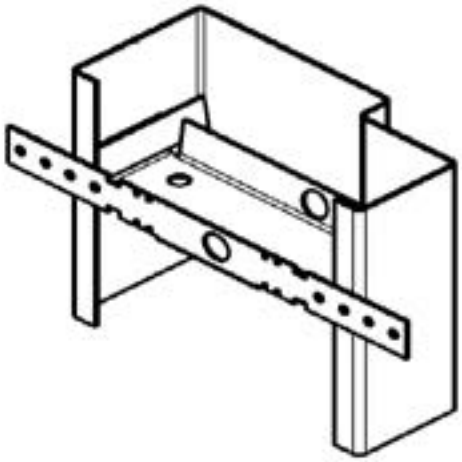
MULTIPURPOSE ANCHOR

ANCHOR PART NUMBER: P0045
ANCHOR CODE: MP
JAMB DEPTHS OF 4-3/4” (120.7) THRU 9-3/4” (247.6)
2” (50.8) FACE FLUSH “M” SERIES OR DRYWALL “C” SERIES
2” (50.8) X 2-5/8” (66.67) “G” SERIES OR DRYWALL “CG” SERIES

Ⓛ

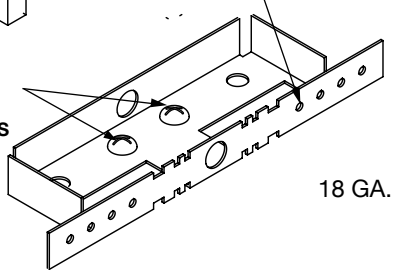


BEND OR TRIM LEGS TO SUIT WALL CONDITIONS



5/32” (4) DIA.

NUMBER OF STIFFENERS DEPEND ON JAMB DEPTHS



18 GA. (1.4)

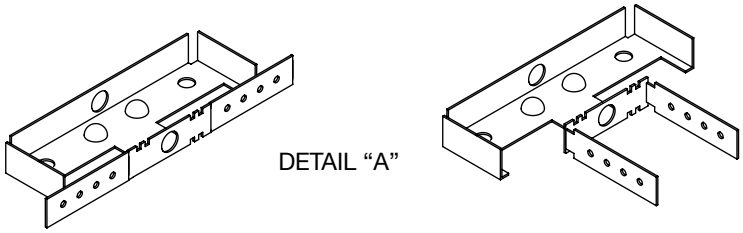
UNEQUAL RABBETS ONLY ON MASONRY WALLS

MULTIPURPOSE ANCHOR INSTALLATION - DRYWALL RETURN FRAME

P0045

Ⓛ

1. BEND LEGS OF ANCHOR 90° AS SHOWN IN DETAIL “A” (LEGS MAY HAVE TO BE BENT FURTHER IN LATER STEPS).



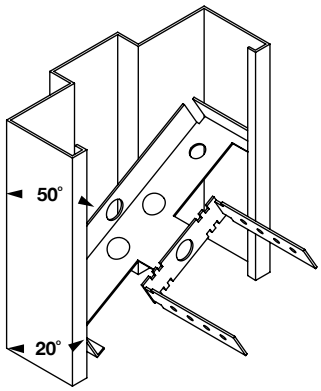
DETAIL “A”

2. INSERT ANCHOR INTO FRAME THROAT TILTED AT APPROXIMATELY A 50° ANGLE AS SHOWN IN DETAIL “B”.

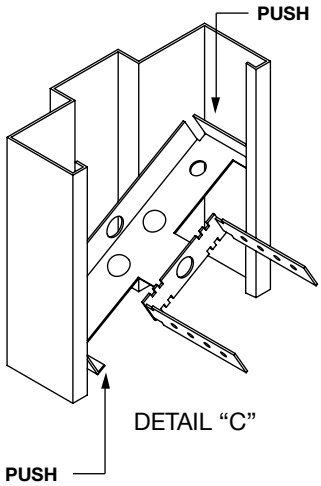
3. THE ANCHOR MUST ALSO BE INSERTED AT APPROXIMATELY A 20° ANGLE FROM THE RABBETS OF THE FRAME AS SHOWN IN DETAIL “B”. THE FLANGES ON THE ANCHOR MUST CLEAR THE BACKBEND RETURNS.

4. TWIST THE ANCHOR INTO PLACE BY APPLYING PRESSURE IN THE OPPOSITE DIRECTIONS TO EACH SIDE OF THE ANCHOR AS SHOWN IN DETAIL “C”.

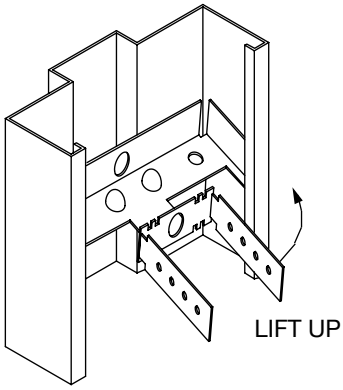
5. ONCE THE ANCHOR HAS SNAPPED INTO PLACE, DETAIL “D”, TURN IT UP INTO THE CORRECT POSITION AS SHOWN IN DETAIL “E” LEGS SHOULD BE BENT BACK TO THE ORIGINAL POSITION IF NECESSARY.



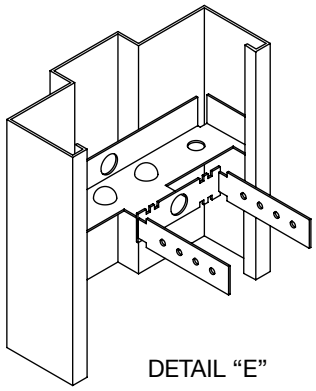
DETAIL “B”



DETAIL “C”



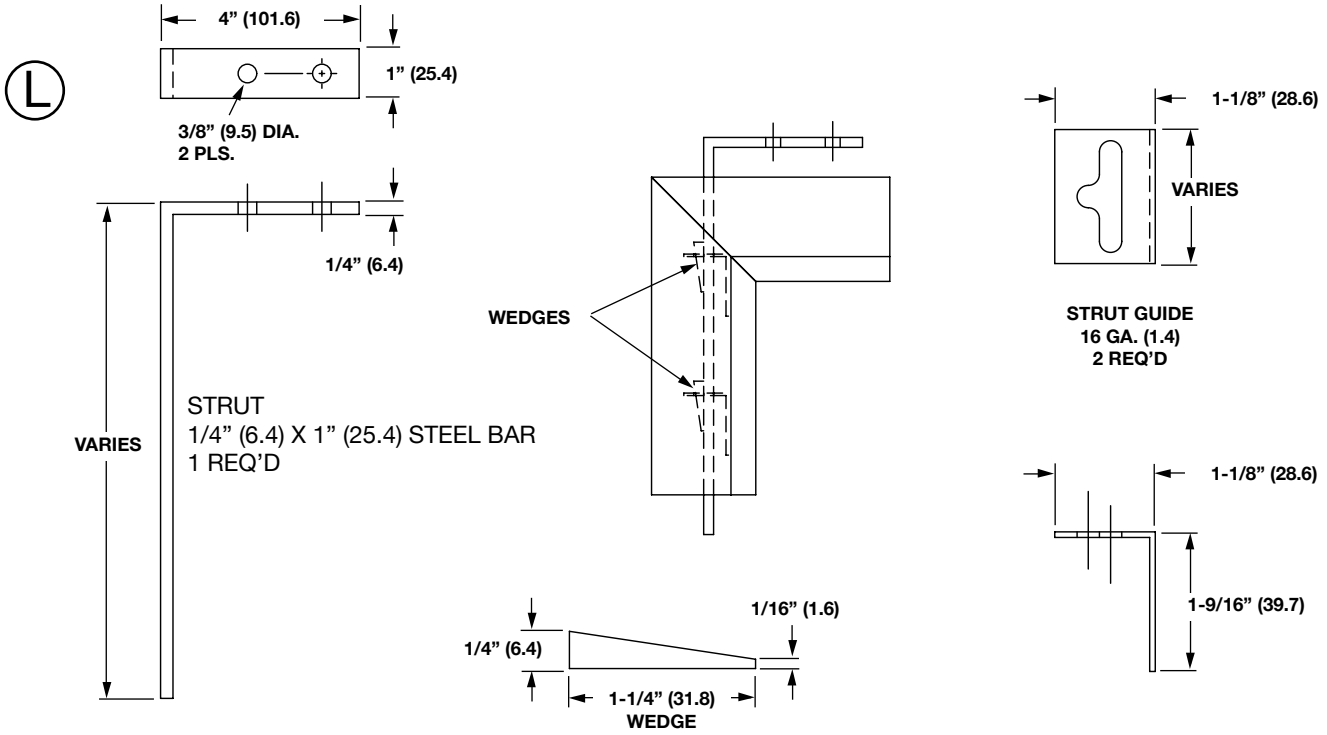
DETAIL “D”



DETAIL “E”

CEILING STRUT ANCHOR

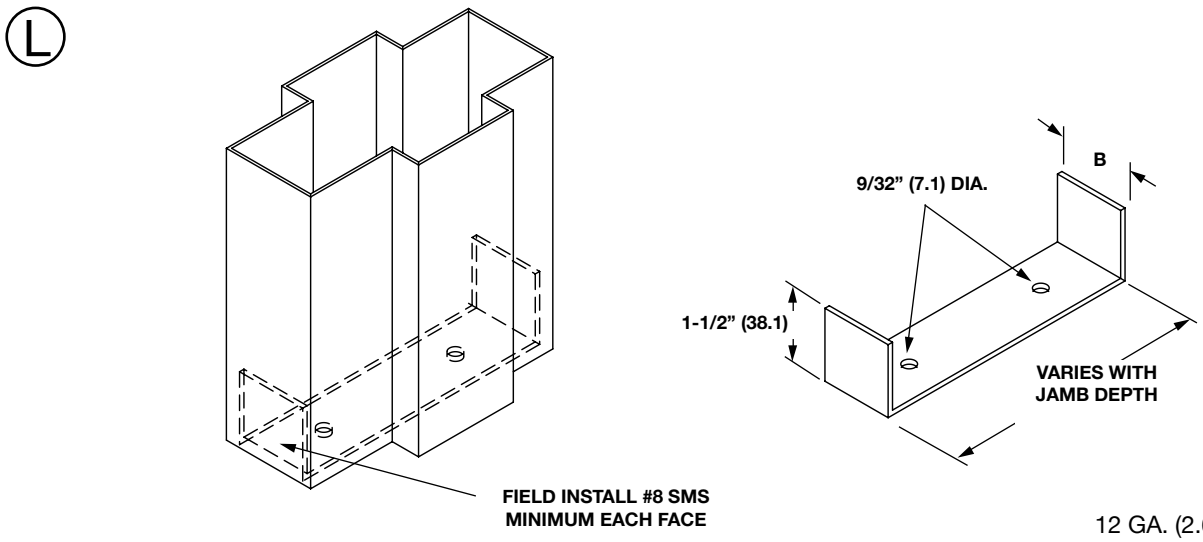
ANCHOR PART NUMBER: P0159



MULLION STIRRUP ANCHOR

ANCHOR PART NUMBER: P0089

DIMENSION "B" VARIES WITH FACE DIMENSION
2" (50.8) FACE MULLION "B" EQUALS 1-1/2" (38.1)

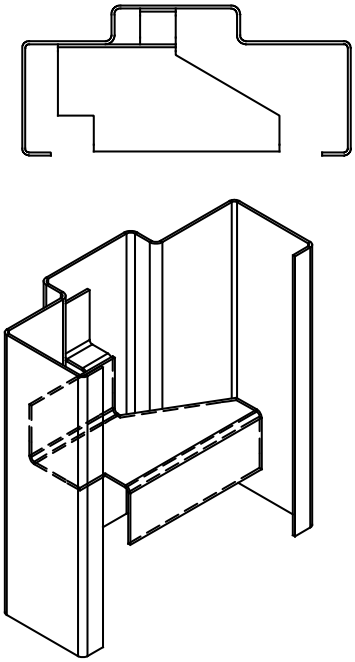


12 GA. (2.6)

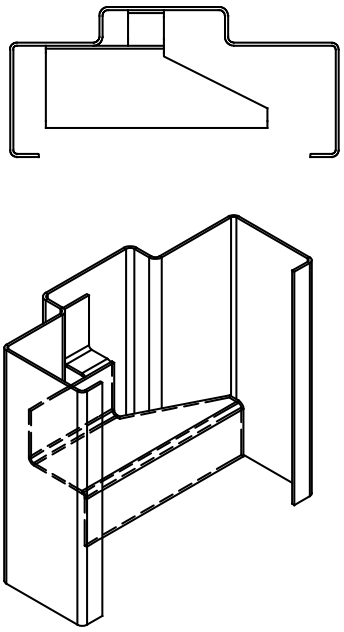
STEEL CHANNEL ANCHOR FOR LEAD LINED FRAMES

Ⓛ

STANDARD (FLUSH)
WELD CODE: WSCF-LL



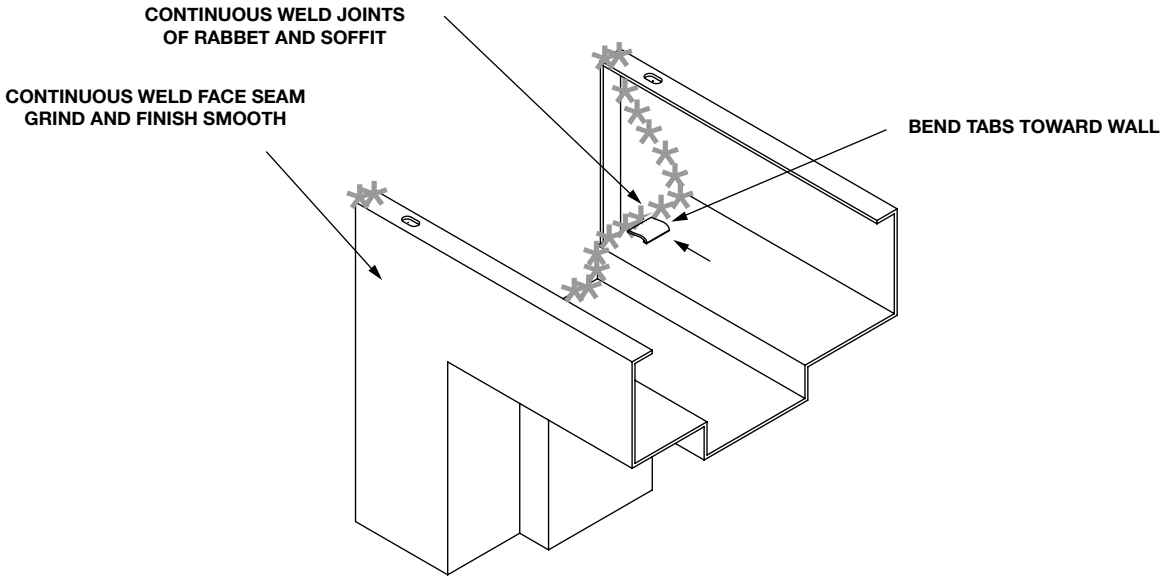
OPTIONAL (RECESSED)
WELD CODE: WSCR-LL



FULL WELD KD

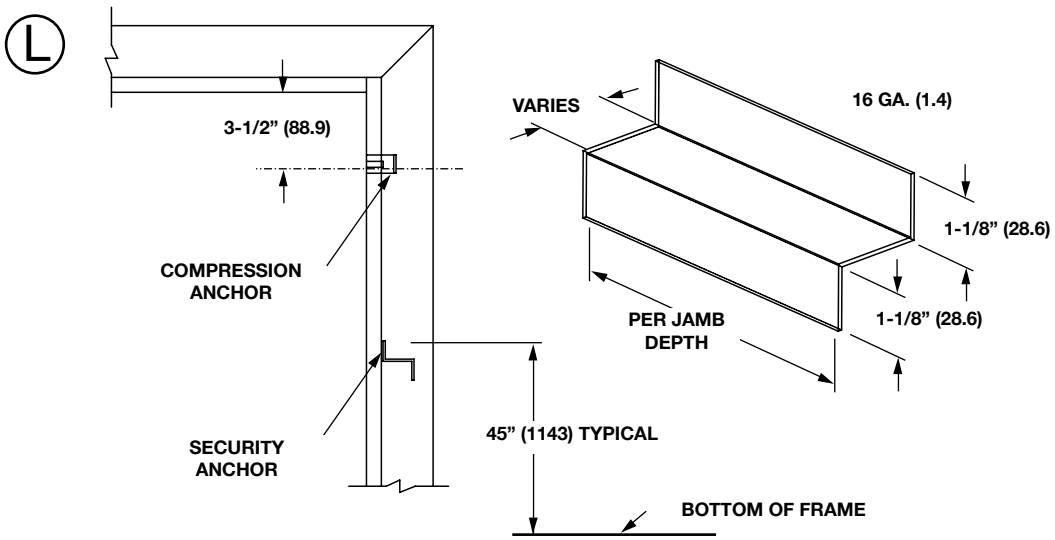
Ⓛ

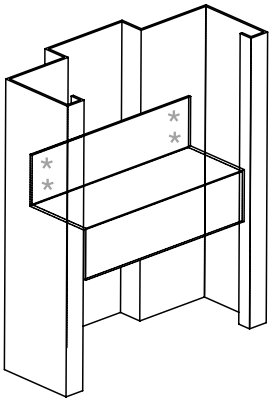
WELD CODE: FW



SECURITY ANCHOR

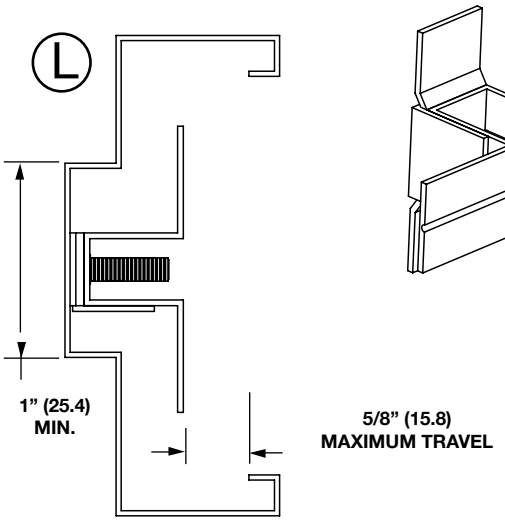
ANCHOR PART NUMBER: P407

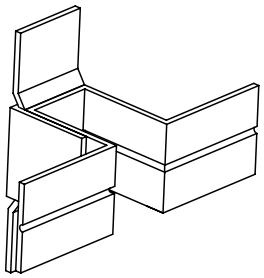


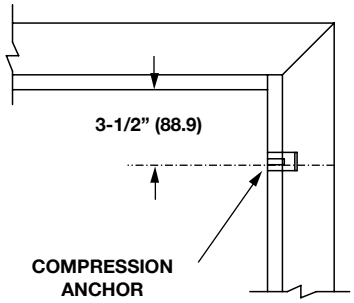


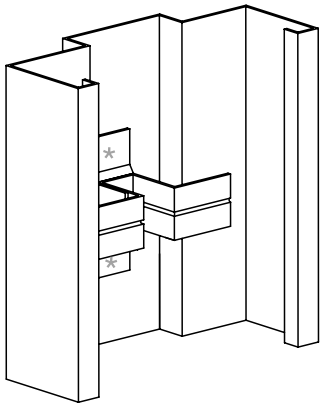
DRYWALL FRAME COMPRESSION ANCHOR

ANCHOR PART NUMBER: P0026 (2" FACE)
ANCHOR PART NUMBER: P0018 (1-1/2" TO 1-3/4" FACE)

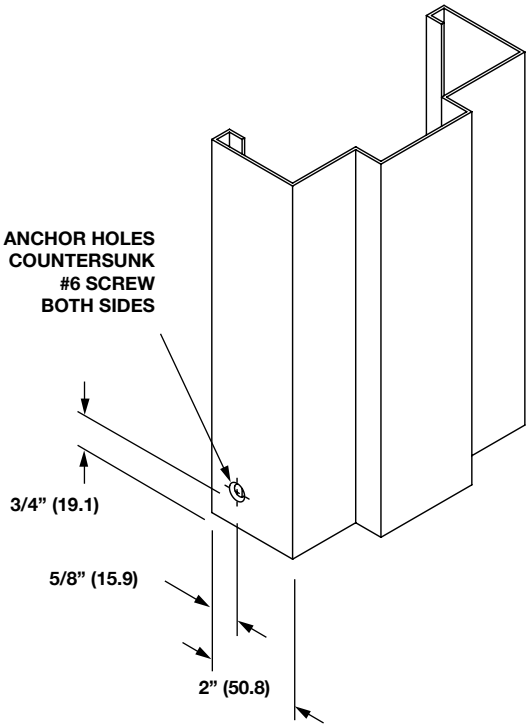








DRYWALL KD FRAME STANDARD BASE ANCHOR

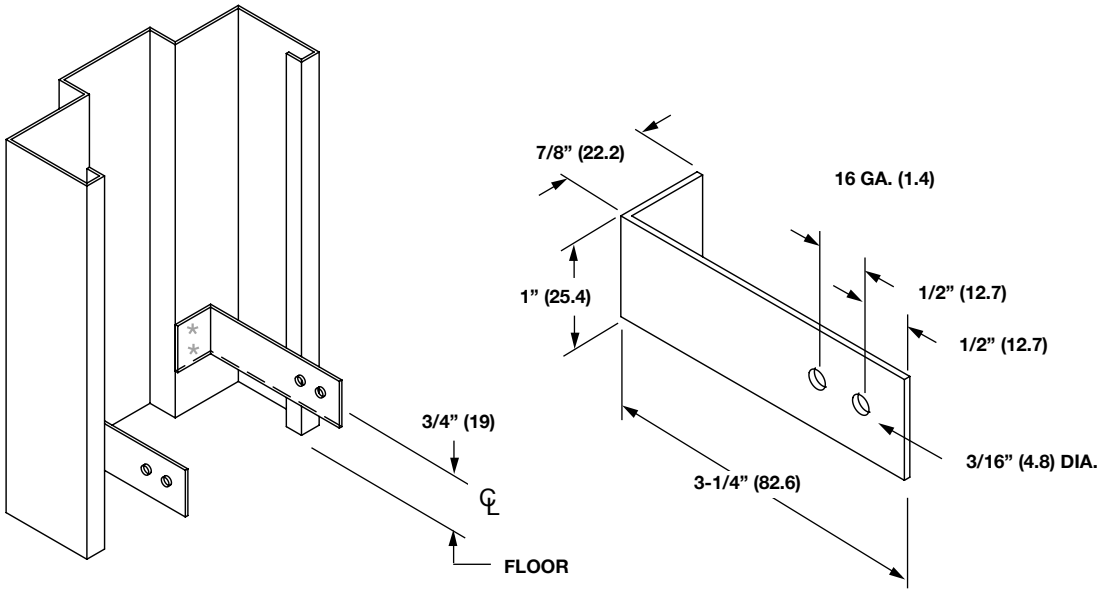


2" FACE ONLY

MINIMUM JAMB DEPTH 3-3/8 (85.7)

DRYWALL KD FRAME OPTIONAL BASE ANCHOR

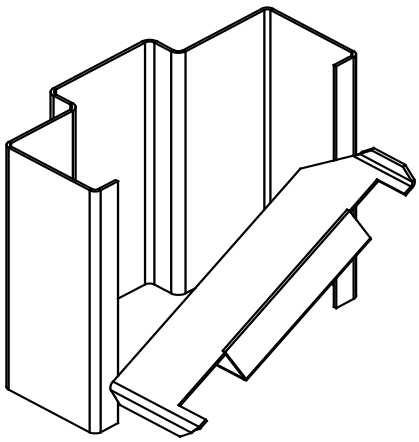
ANCHOR PART NUMBER: P0087



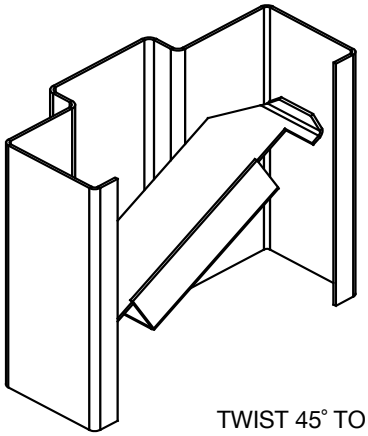
NOTE: REQUIRED ON 1-1/2" (38.1), 1-3/4" (44.5) FACE DRYWALL FRAMES. 3", 3-1/8", 3-1/4", JAMB DEPTHS.

STEEL CHANNEL ANCHOR INSTALLATION

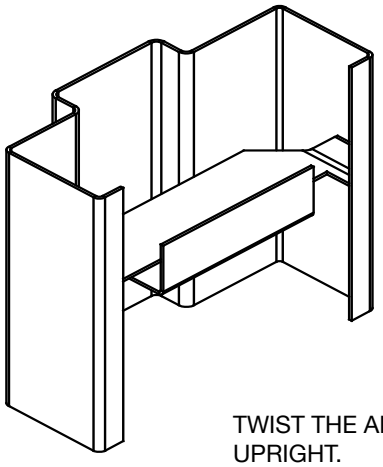
Ⓛ



ROTATE ANCHOR 45°
TO CLEAR RETURNS.
SLIDE INTO PROFILE.

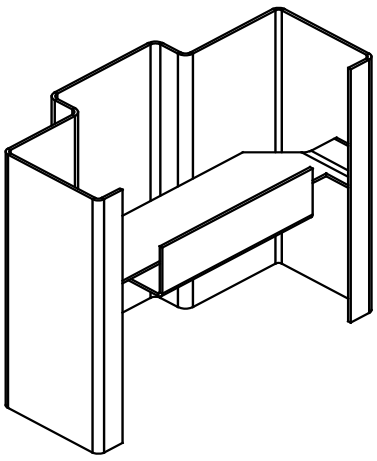


TWIST 45° TO
CLEAR THE RETURNS.



TWIST THE ANCHOR
UPRIGHT.

ROTATE THE
ANCHOR CLOCKWISE TO
TIGHTEN IN THE
PROFILE.

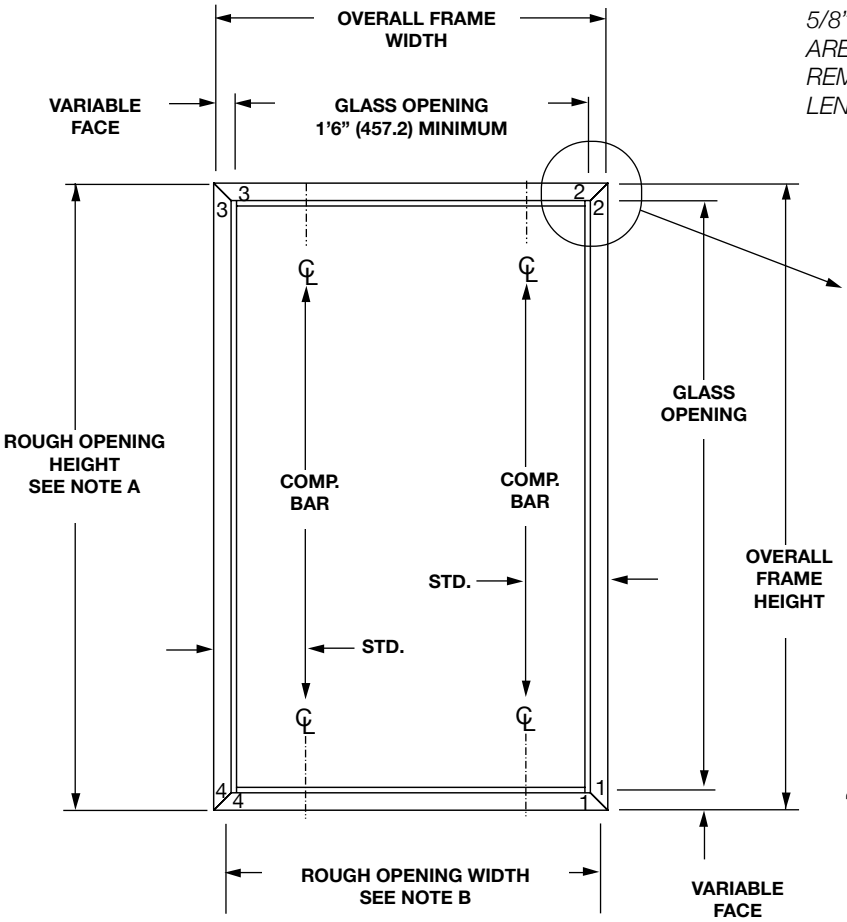


ROTATE TO GET THE
ANCHOR LEGS
UNDER THE PROFILE RETURNS.

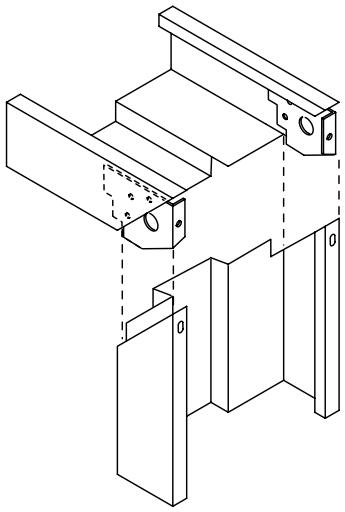
DRYWALL KD BORROWED LITE

KD BORROWED LITE (DRYWALL FRAME ONLY) ORDER OF INSTALLATION

A) PLACE RIGHT SIDE VERTICAL JAMB MEMBER INTO OPENING;
B) INSTALL SILL MEMBER AND ASSEMBLE CORNER #1;
C) THEN INSTALL HEAD MEMBER AND ASSEMBLE CORNER #2
D) WHILE INSTALLING THE REMAINING LEFT VERTICAL JAMB MEMBER IT MAY BE NECESSARY TO EXTEND THE HEAD (CORNER #3) AND SILL (CORNER #4) TO THEIR ROUGH OPENING LIMITATIONS FOR EASIER INSTALLATION;
E) THEN ASSEMBLE CORNER #3 AND FINALLY SNAP INTO POSITION THE REMAINING CORNER #4;
F) INSTALL SCREWS THROUGH FRAME RETURNS INTO CORNER CLIPS;
G) ADJUST COMPRESSION BARS UNTIL LEVEL AND PLUMB.



NOTE:
5/8" (15.8) X 5/8" (15.8) GLASS STOPS ARE PUNCHED AND CUT TO LENGTH REMOVABLE STOPS MATCH FIXED STOP LENGTH AND ARE SHIPPED LOOSE



4" (101.6) FACE HEADS & SILLS ARE NOT AVAILABLE.

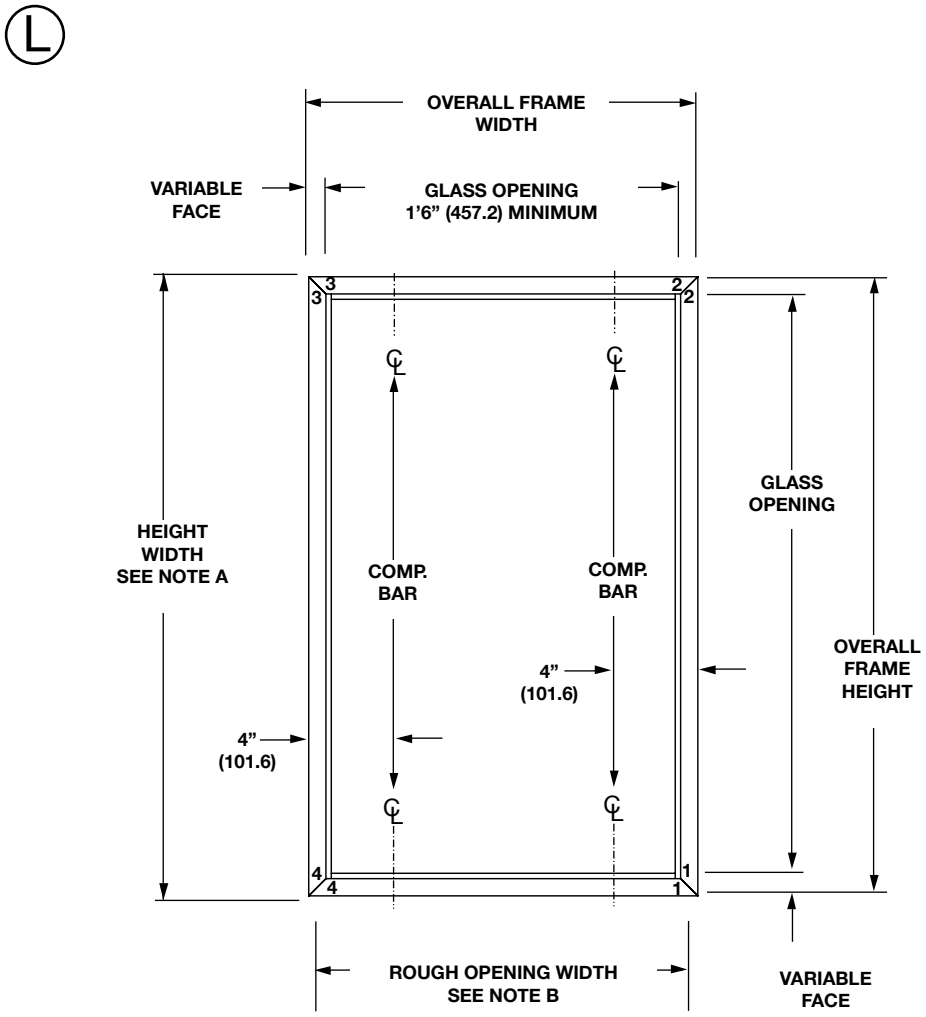
"CG" PROFILE - SEE NEXT PAGE

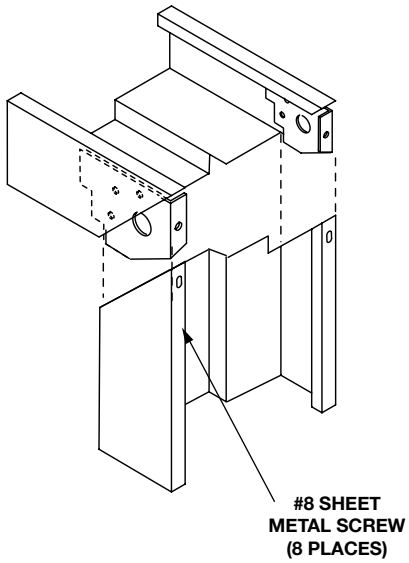
NOTE A: ROUGH OPENING HEIGHT FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" (63.5) INCLUDING CASED OPENING
NOTE A: ROUGH OPENING HEIGHT FOR 1-1/2" (38.1) & 1-3/4" (44.5) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2" (50.8)
NOTE B: ROUGH OPENING WIDTH FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-1/2" (63.5) INCLUDING CASED OPENING
ROUGH OPENING WIDTH FOR 1-1/2" (38.1) & 1-3/4" (44.5) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2" (50.8)

SINGLE RABBET DRYWALL KD BORROWED LITE

KD BORROWED LITE (DRYWALL FRAME ONLY) ORDER OF INSTALLATION

A) PLACE RIGHT SIDE VERTICAL JAMB MEMBER INTO OPENING;
B) INSTALL SILL MEMBER AND ASSEMBLE CORNER #1;
C) THEN INSTALL HEAD MEMBER AND ASSEMBLE CORNER #2
D) WHILE INSTALLING THE REMAINING LEFT VERTICAL JAMB MEMBER IT MAY BE NECESSARY TO EXTEND THE HEAD (CORNER #3) AND SILL (CORNER #4) TO THEIR ROUGH OPENING LIMITATIONS FOR EASIER INSTALLATION;
E) THEN ASSEMBLE CORNER #3 AND FINALLY SNAP INTO POSITION THE REMAINING CORNER #4;
F) INSTALL SCREWS THROUGH FRAME RETURNS INTO CORNER CLIPS.
G) ADJUST COMPRESSION BARS UNTIL LEVEL AND PLUMB.

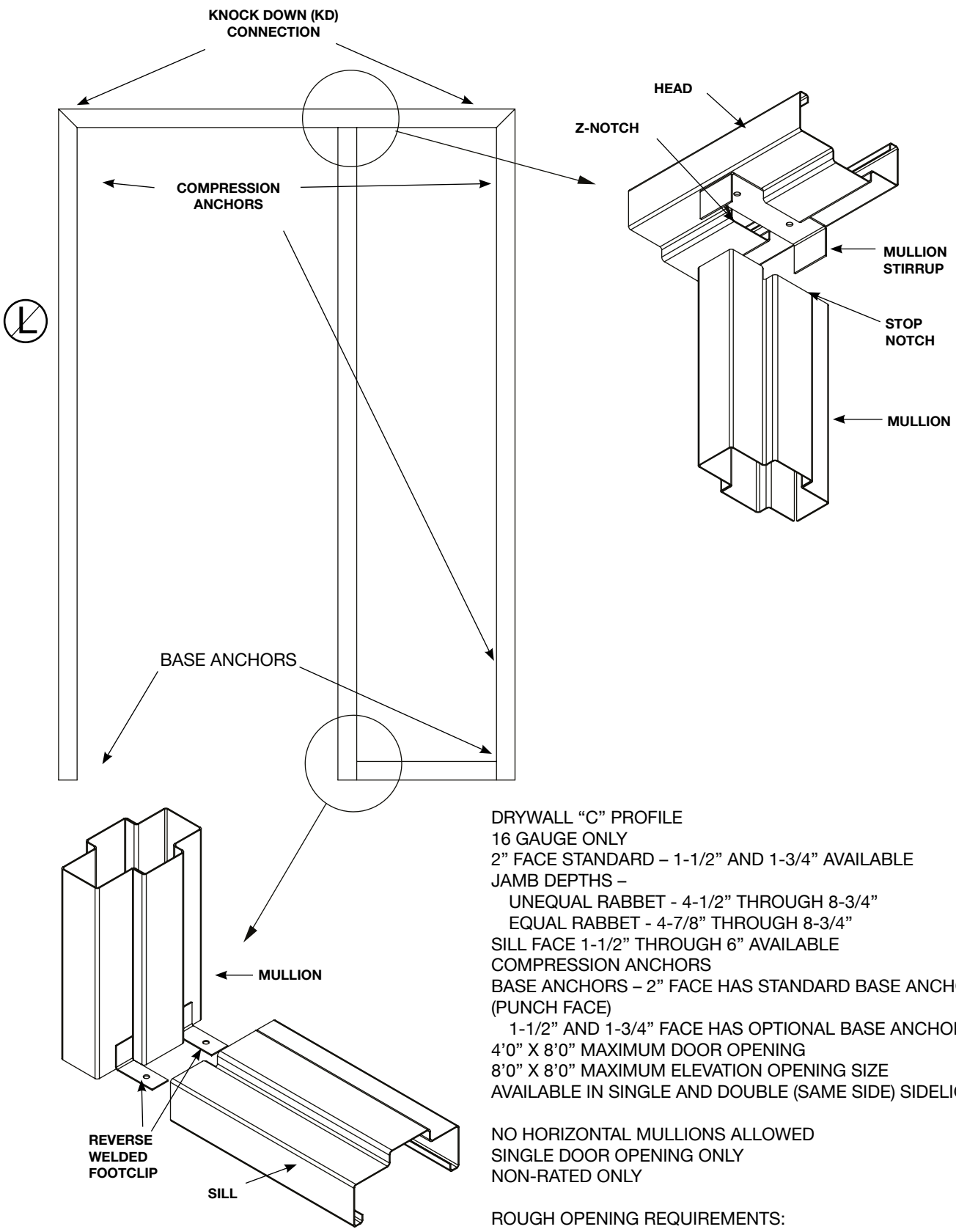




"CG" PROFILE - COMPRESSION BAR RABBET MOUNTED.
JAMB DEPTHS INCLUDE 3" (76.2), 3-1/8" (79.4), 3-1/4" (82.5), 3-3/8" (85.7) X 1-15/16" (49.2) RABBET AND 3" (76.2) X 1-9/16" (39.7) RABBET

NOTE A: ROUGH OPENING HEIGHT FOR 2" (50.8) FACE FRAMES EQUALS GLASS OPENING SIZE PLUS 2-3/4" (69.8)
NOTE B: ROUGH OPENING WIDTH FOR 2" (50.8) FACE FRAMES EQUALSGLASS OPENING SIZE PLUS 2-1/2" (63.5)

DRYWALL KD SIDELIGHT



DRYWALL "C" PROFILE
16 GAUGE ONLY
2" FACE STANDARD – 1-1/2" AND 1-3/4" AVAILABLE
JAMB DEPTHS –
UNEQUAL RABBET - 4-1/2" THROUGH 8-3/4"
EQUAL RABBET - 4-7/8" THROUGH 8-3/4"
SILL FACE 1-1/2" THROUGH 6" AVAILABLE
COMPRESSION ANCHORS
BASE ANCHORS – 2" FACE HAS STANDARD BASE ANCHOR (PUNCH FACE)
1-1/2" AND 1-3/4" FACE HAS OPTIONAL BASE ANCHOR
4'0" X 8'0" MAXIMUM DOOR OPENING
8'0" X 8'0" MAXIMUM ELEVATION OPENING SIZE
AVAILABLE IN SINGLE AND DOUBLE (SAME SIDE) SIDELIGHT

NO HORIZONTAL MULLIONS ALLOWED
SINGLE DOOR OPENING ONLY
NON-RATED ONLY

ROUGH OPENING REQUIREMENTS:
THE ROUGH OPENING HEIGHT EQUALS THE FINISHED OPENING HEIGHT +1".

THE ROUGH OPENING WIDTH EQUALS THE FINISHED WIDTH +2".

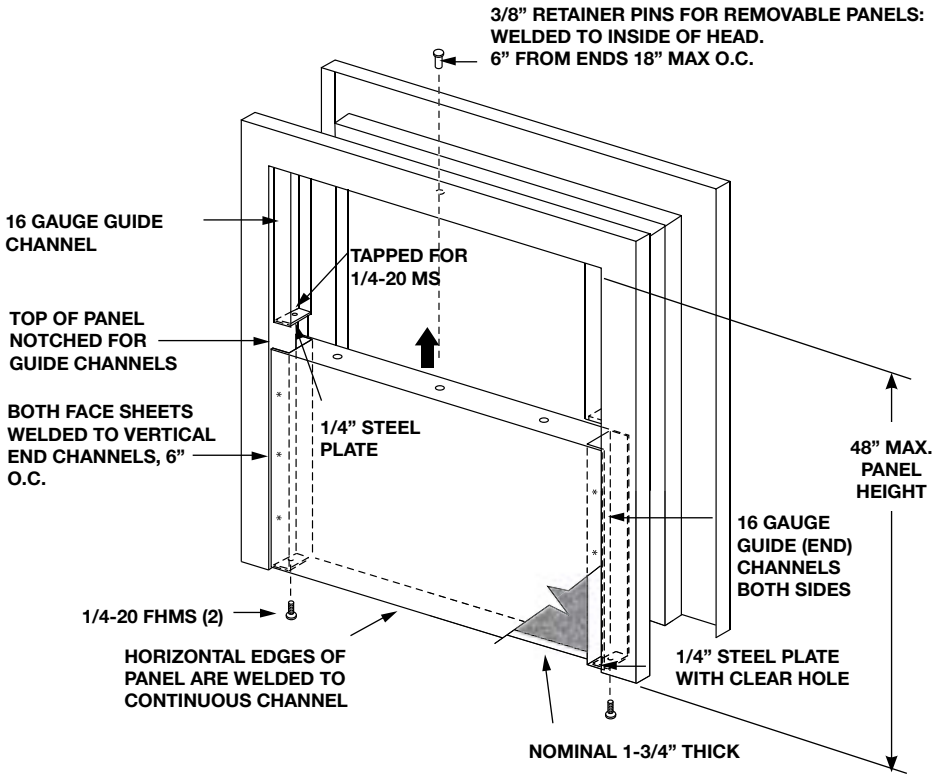
TRANSOM FRAME REMOVABLE PANEL INSTALLATION

HORIZONTAL ASTRAGAL REQUIRED.

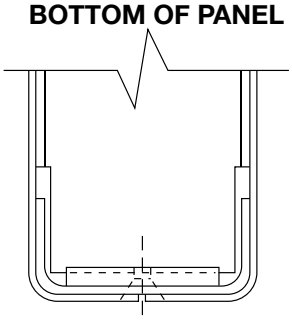
PANEL -
RATED - HONEYCOMB AND MINERAL CORE
NON-RATED - STEEL STIFFENED AND POLYSTYRENE

FRAME -
3 HR MAX. RATING
11'4" MAX. HEIGHT
4' MAX. WIDTH SINGLE
8' MAX. WIDTH PAIR

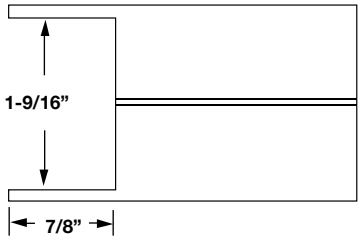
Ⓛ

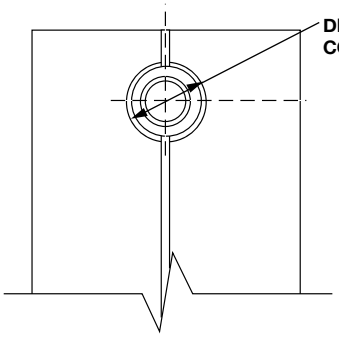


BOTTOM OF PANEL



TOP OF PANEL

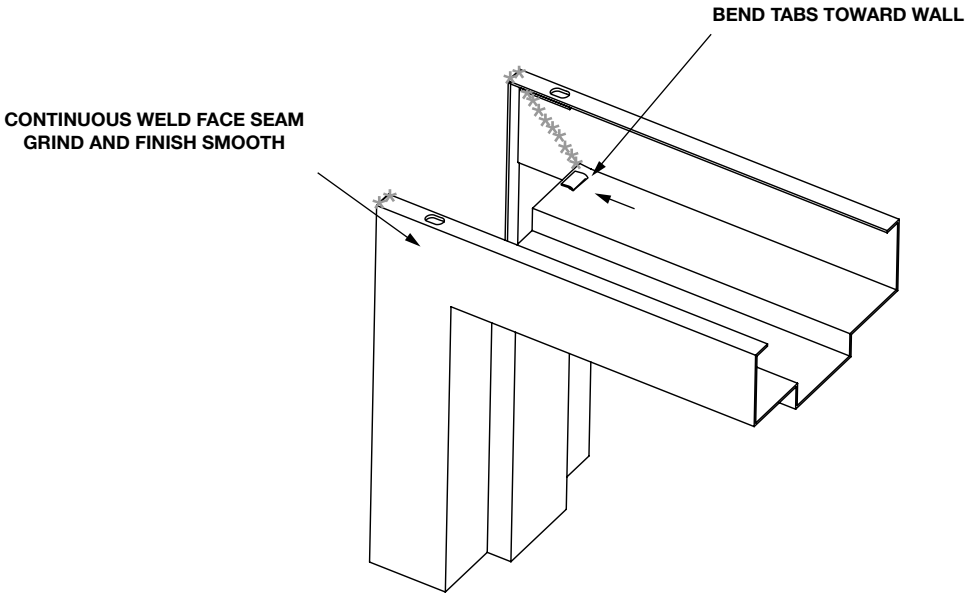




NOTE: PANEL AND TRANSOM FRAME REQUIRE SPECIAL CONSTRUCTION. MUST BE INDICATED ON BOTH DOOR AND FRAME ORDER.

SEAM WELD FLUSH KD

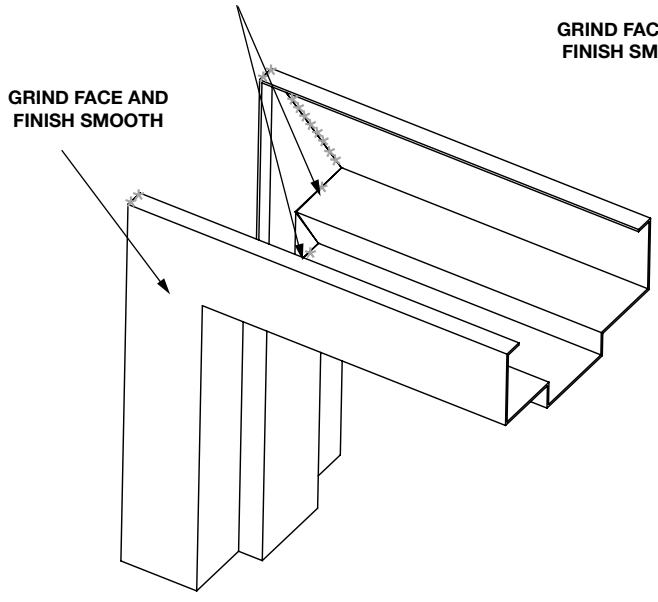
WELD CODE SW (KD)



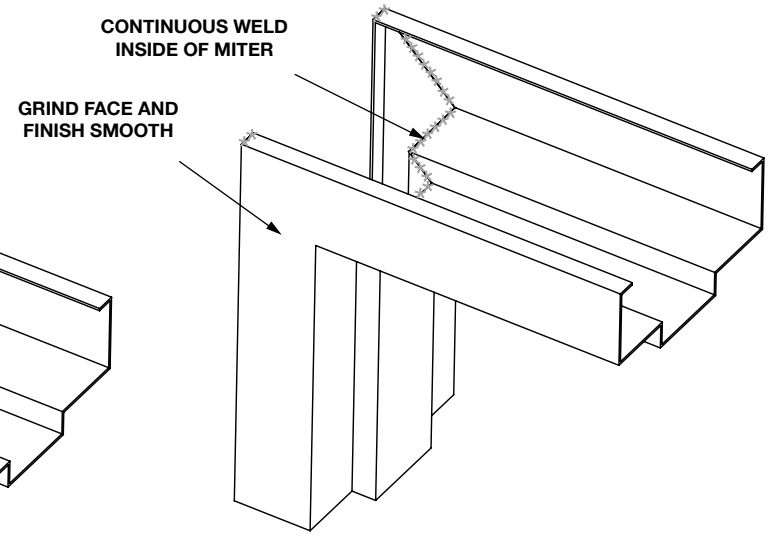
SAW MITER WELD

Ⓛ

WELD CODE SMT

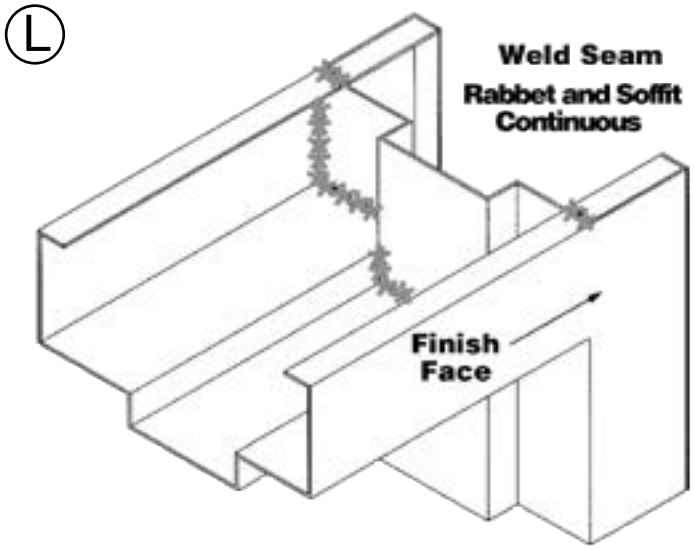


WELD CODE SMW

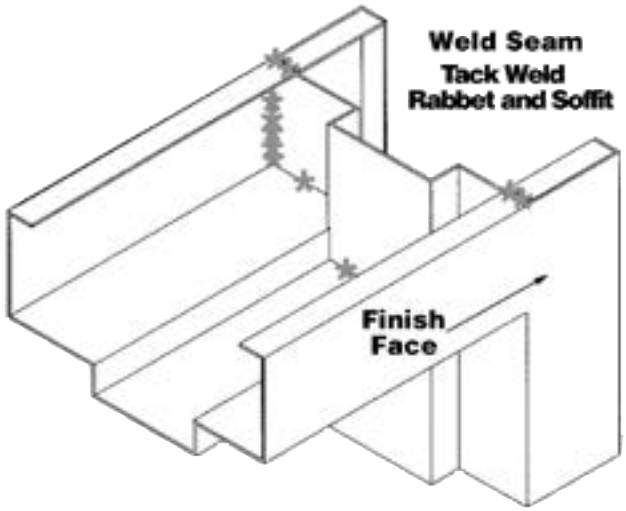


SAW BUTT WELD

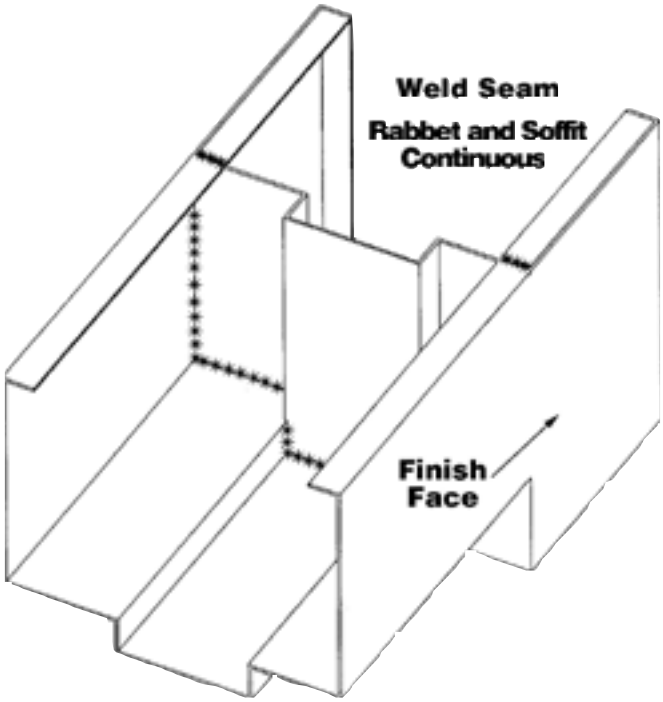
WELD CODE BEW (<3)



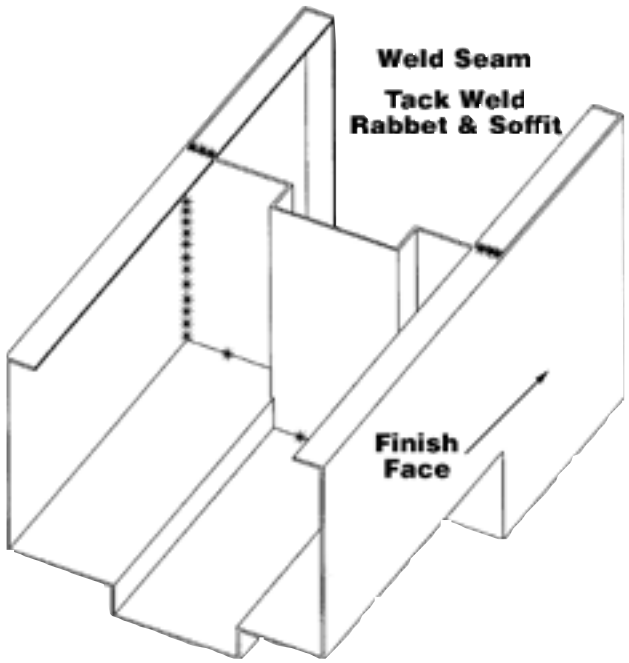
WELD CODE BET (<3)



WELD CODE SBW (>3)



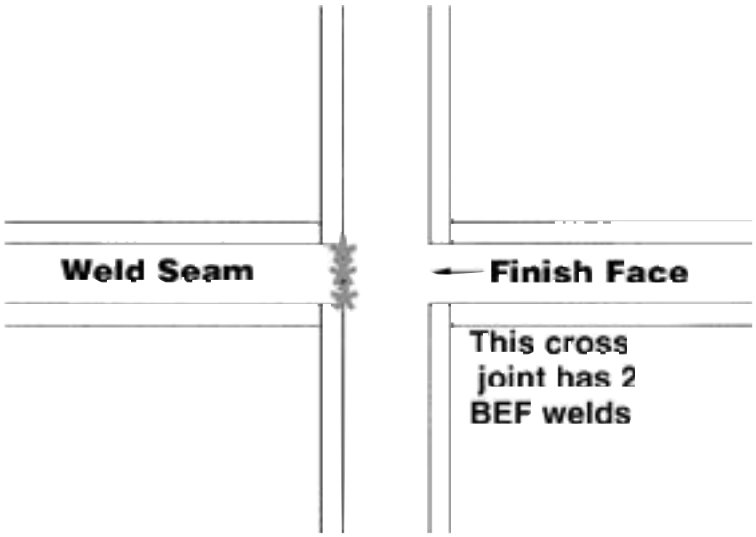
WELD CODE SBT (>3)



CORNER WELDS

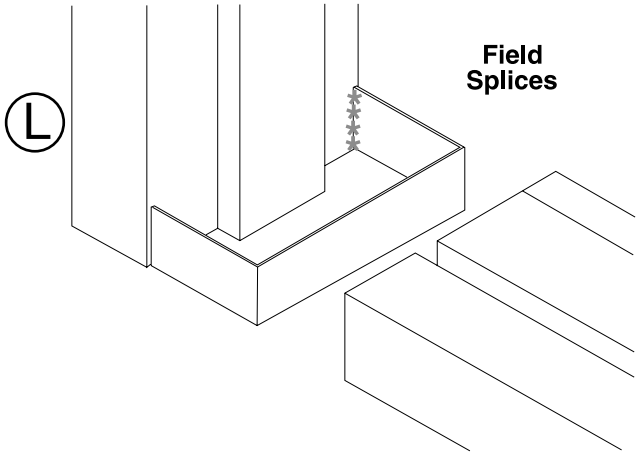
WELD CODE BEF 10

Ⓛ

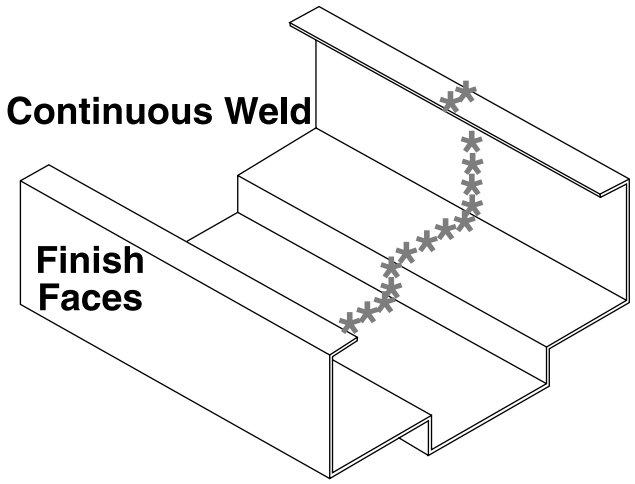


SPLICE JOINTS

WELD CODE FSP



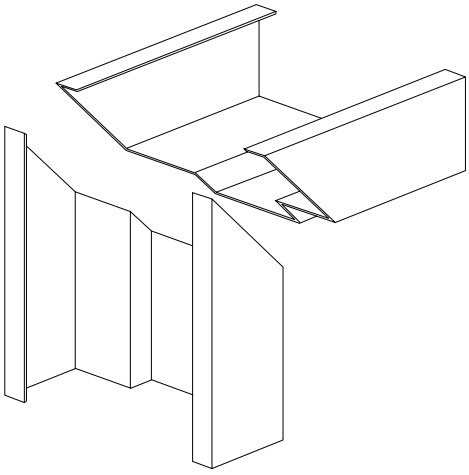
WELD CODE WSP



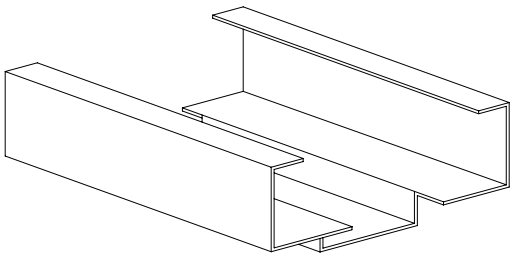
NOTE: FACTORY WELDED FRAMES EXCEEDING 9' X 14' WILL BE PROVIDED WITH FIELD SPLICES

SAW MITER ONLY

WELD CODE SMO

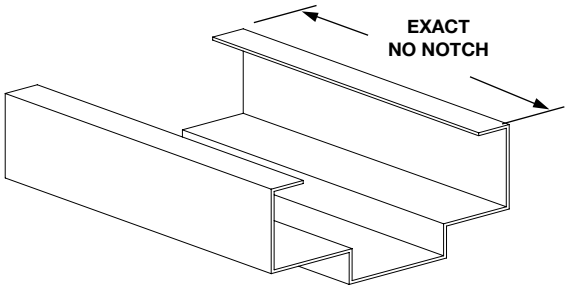


WELD CODE SBE



EXACT
NOTCH TOP JAMBS
NOTCH BOTH ENDS. (BLANK OR HEADS)

WELD CODE EBE

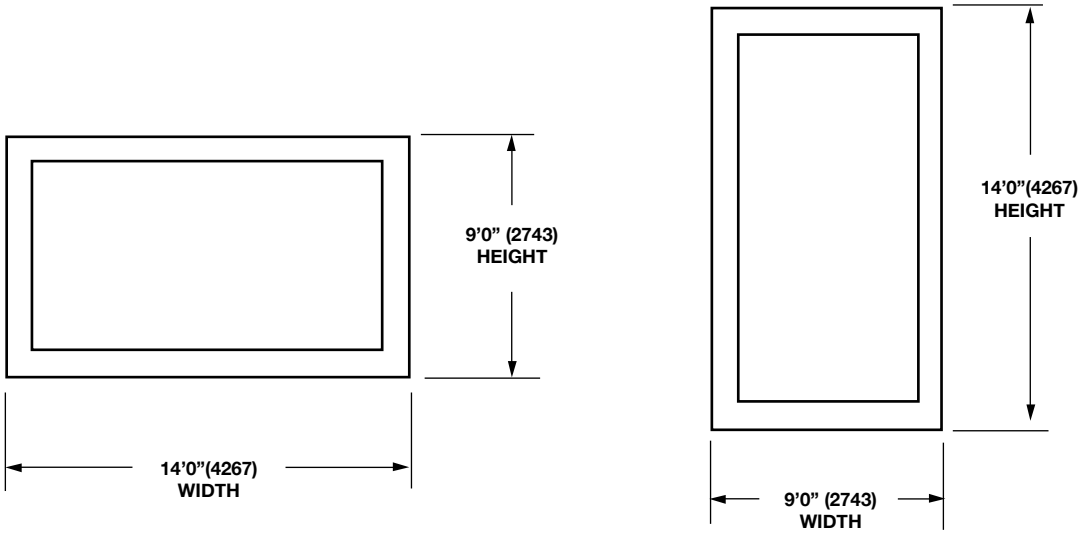


NOTE: PREPARED FOR DISTRIBUTOR WELDING

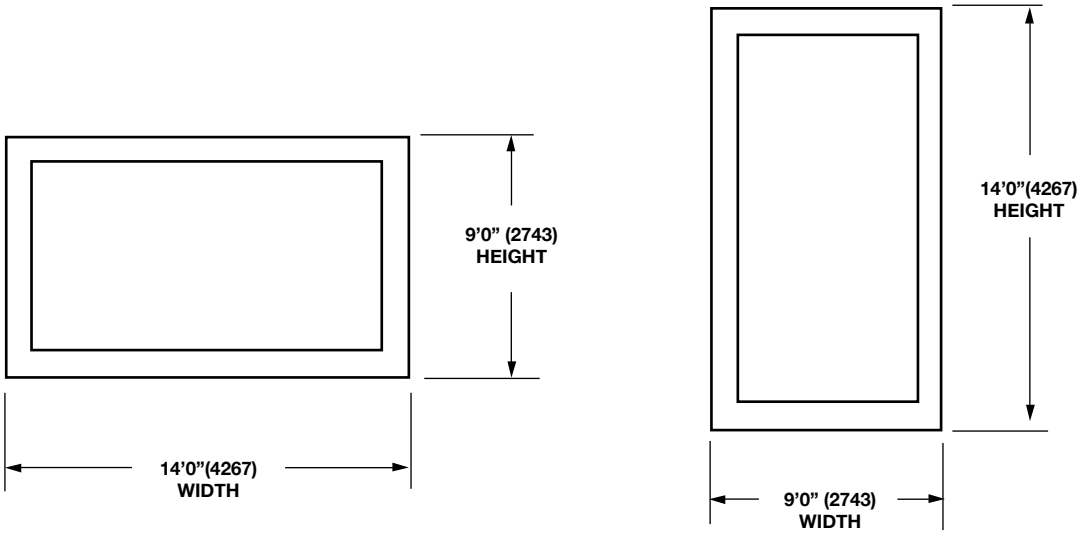
FIELD SPLICE FRAMES

FRAMES FACTORY WELDED AT CURRIES:

PROVIDE FIELD SPLICES FOR FRAMES THAT EXCEED OVERALL SIZE SHOWN.

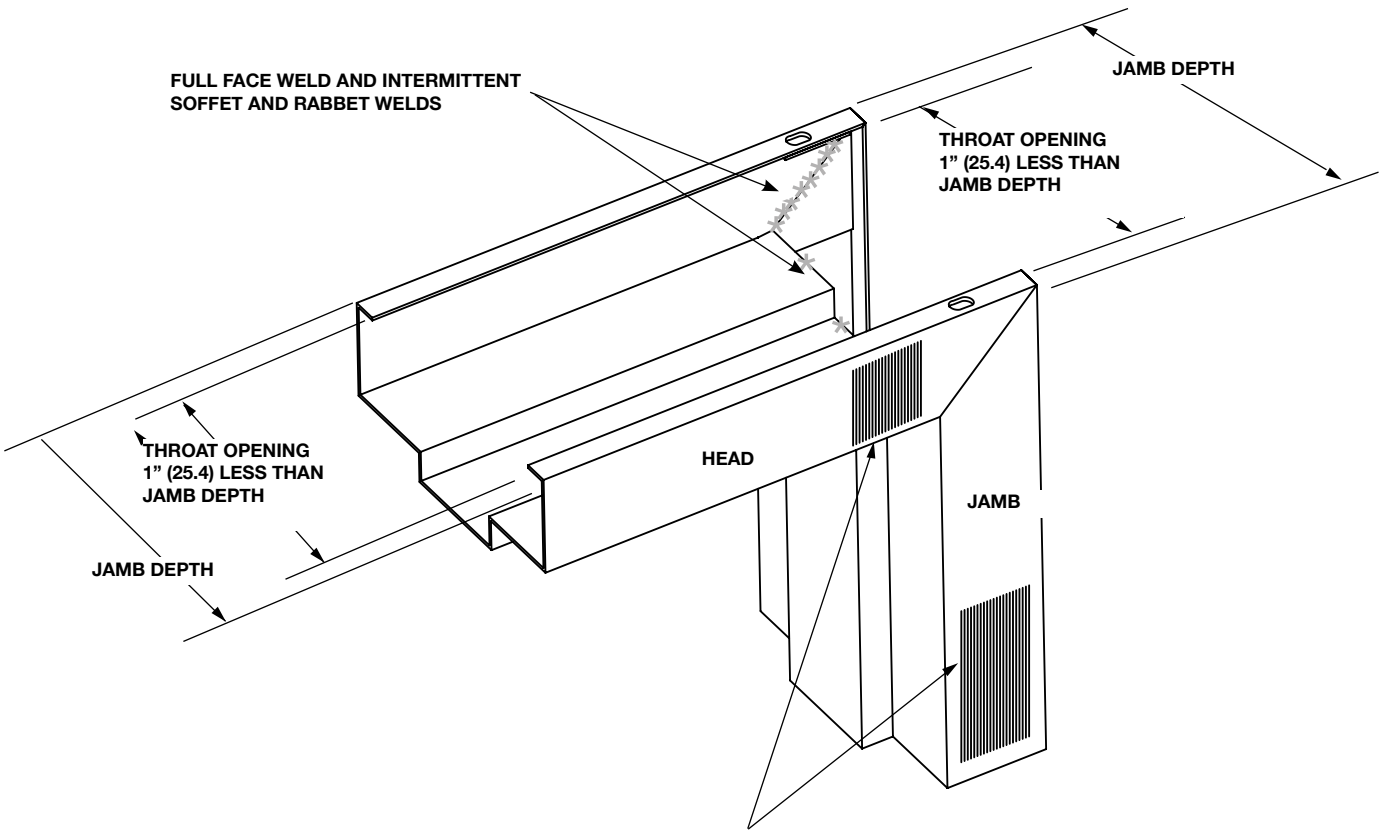


FRAMES FACTORY WELDED AT REGIONAL SERVICE CENTERS:



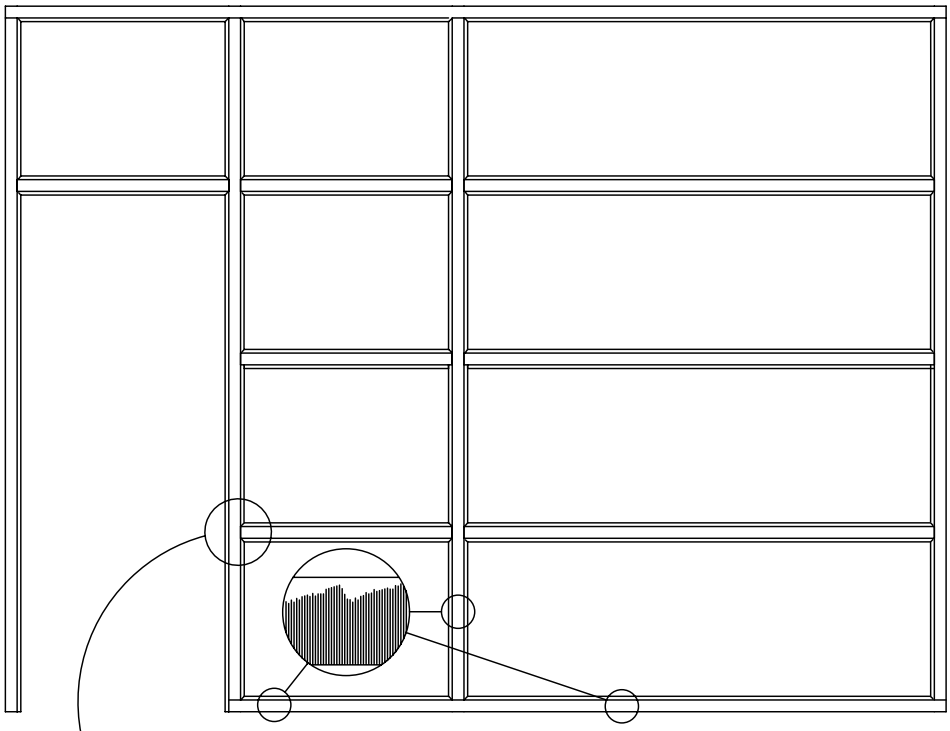
DIE MITERED WELD STAINLESS STEEL

Ⓛ

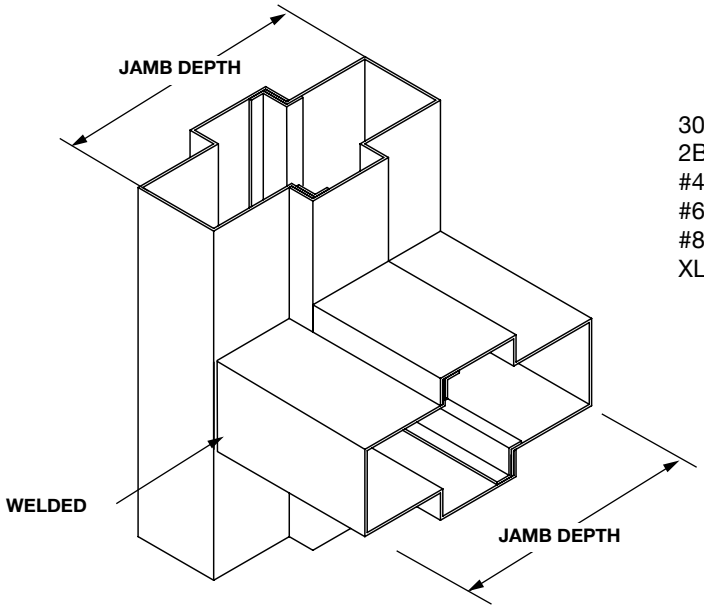


304 OR 316 STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

STAINLESS STEEL SIDELIGHT FRAME

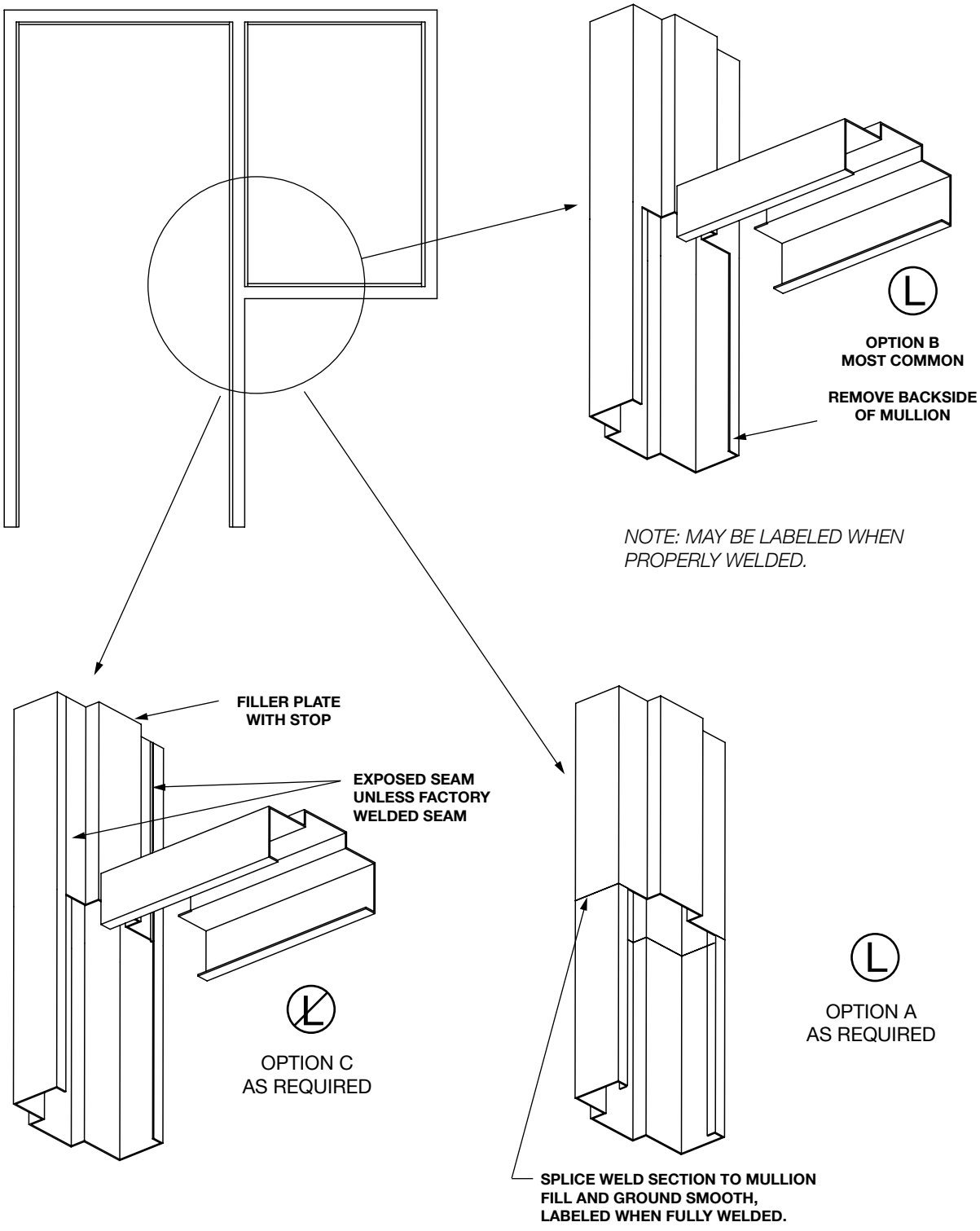


VERTICAL MEMBERS BUTT AT SILL AND HEAD

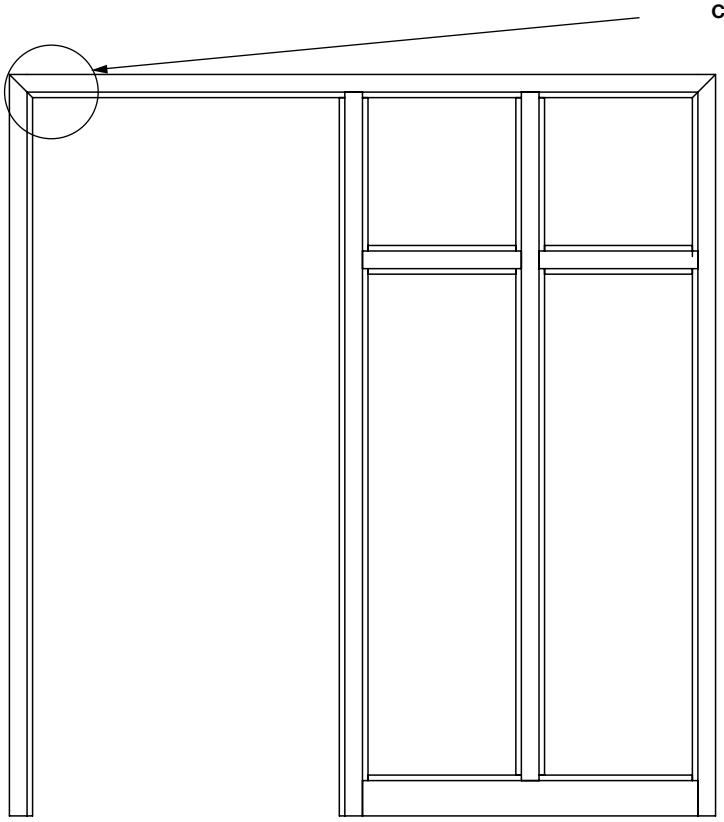


304 OR 316 STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

HALF SIDELITE WINDOW OPTION



CUT AND NOTCH OPTIONS

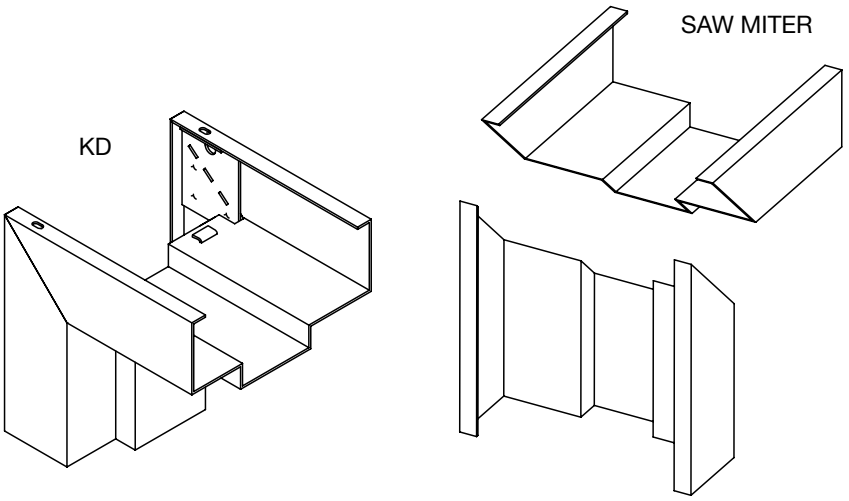


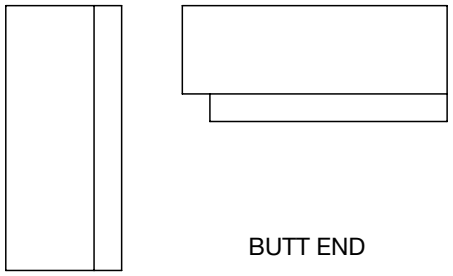
CORNER: KD STANDARD WHEN POSSIBLE

MUST MEET KD PARAMETERS
SAW MITER:*

IF FACES OF HEAD AND JAMB ARE EQUAL
1. EXCEPT: 4” (101.6) FACE HEAD TO
2” (50.8) FACE JAMB
BUTT END:* IF FACES ARE UNEQUAL
* SMO OR SBE MUST BE NOTED IN CONSTRUCTION COLUMN.

NOTE: MAY BE LABELED WHEN PROPERLY WELDED

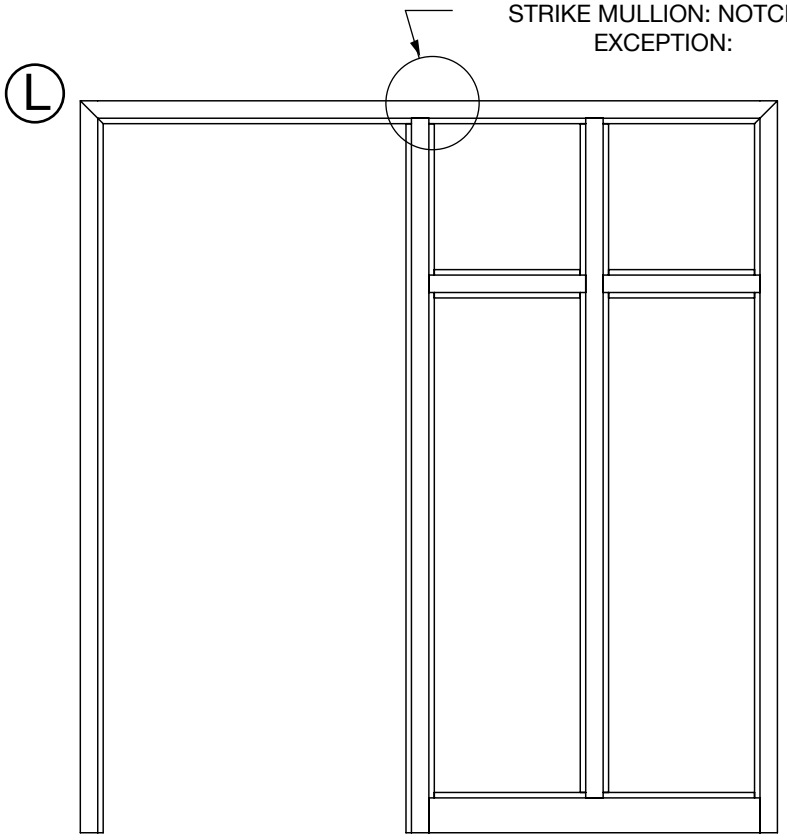




BUTT END

NOTE: MAY BE LABELED WHEN FACE WELDED

CUT AND NOTCH OPTIONS

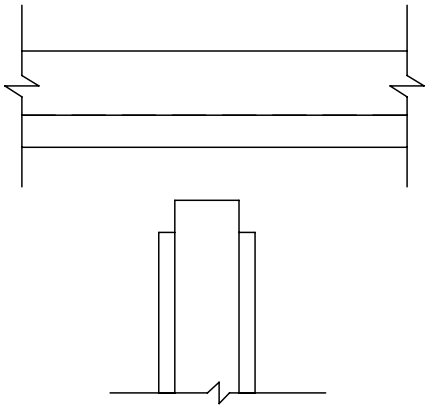


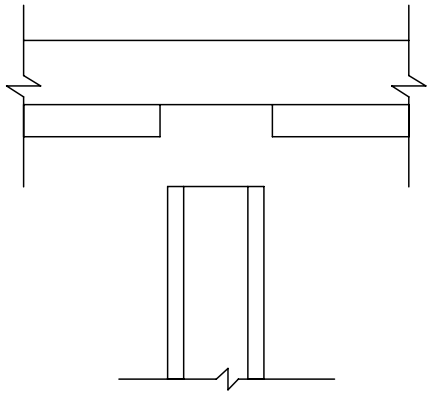
STRIKE MULLION: NOTCH TOP

EXCEPTION: WILL RUN THROUGH HEAD IF HEAD PROFILE IS DIFFERENT ON GLASS SIDE
EXAMPLE:
"M" PROFILE AT DOOR OPENING
"G" PROFILE AT WINDOW SIDE
RUN MULLION THROUGH IF HEAD FACES ARE DIFFERENT FROM DOOR SIDE TO GLASS SIDE OR IF FIELD SPLICE IS REQUIRED

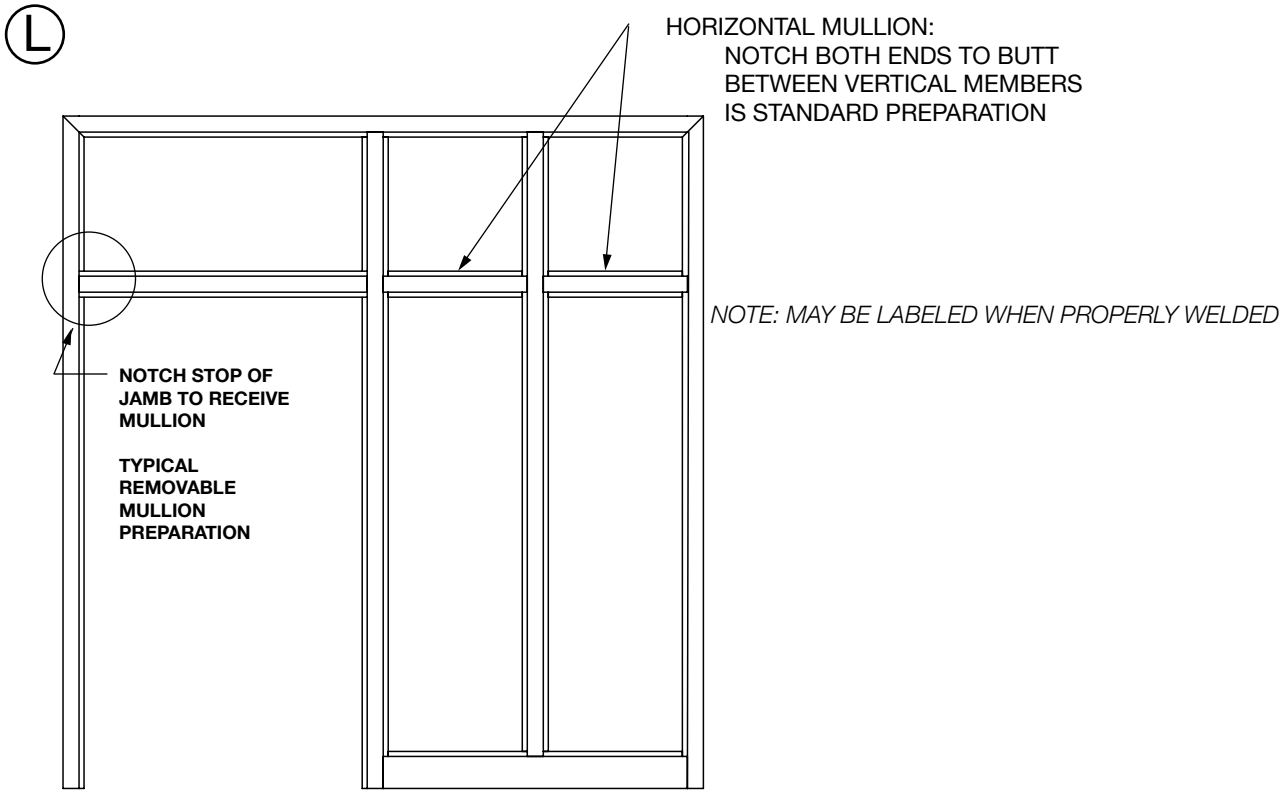
NOTE: MAY BE LABELED WHEN PROPERLY WELDED

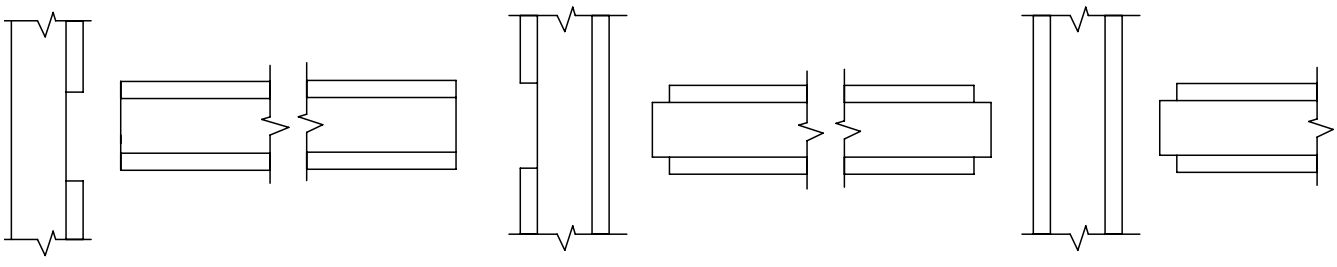
NOTE: PROVIDES ACCESS FOR ELECTRICAL CONDUIT OR GROUT



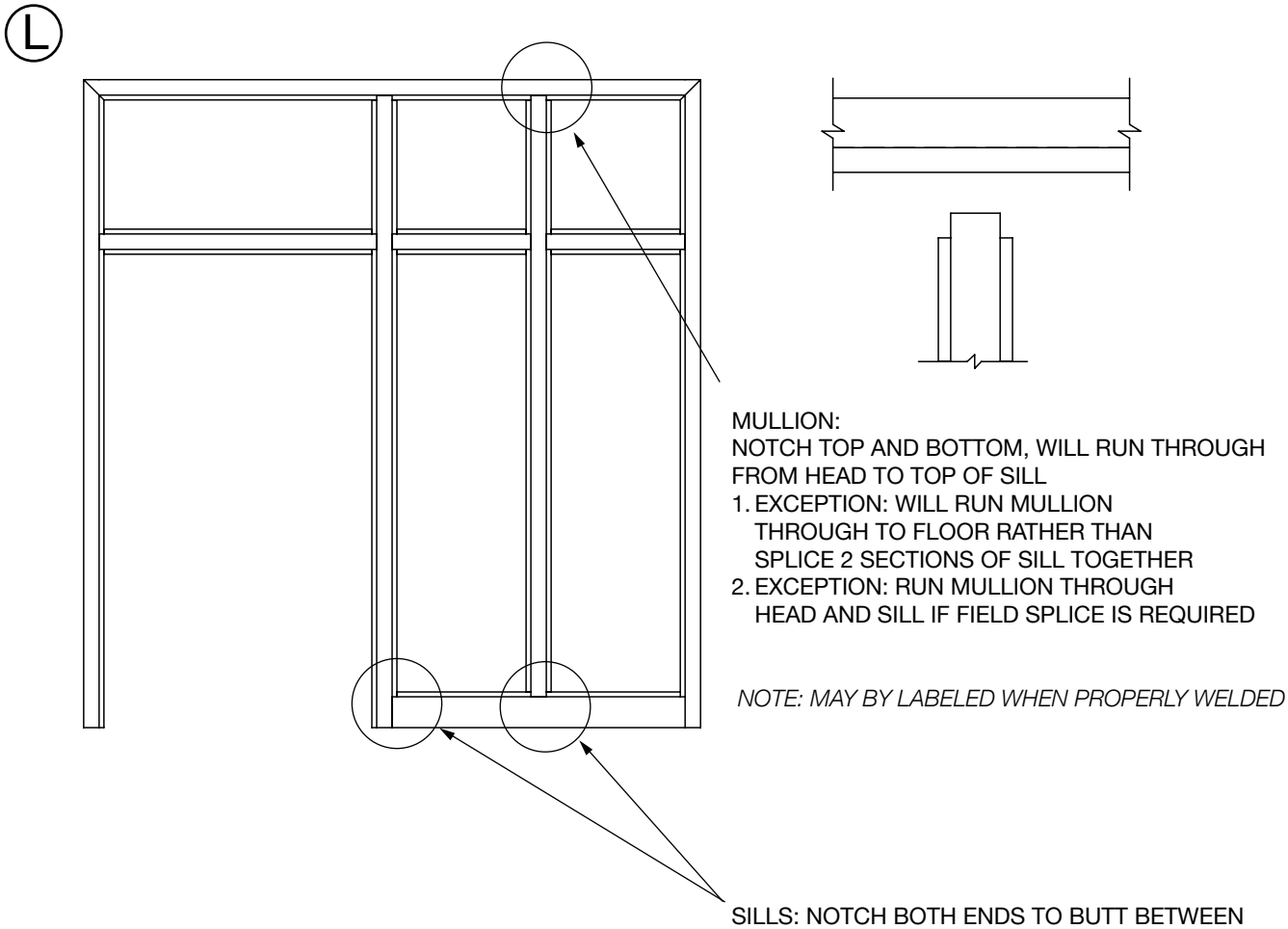


CUT AND NOTCH OPTIONS





CUT AND NOTCH OPTIONS

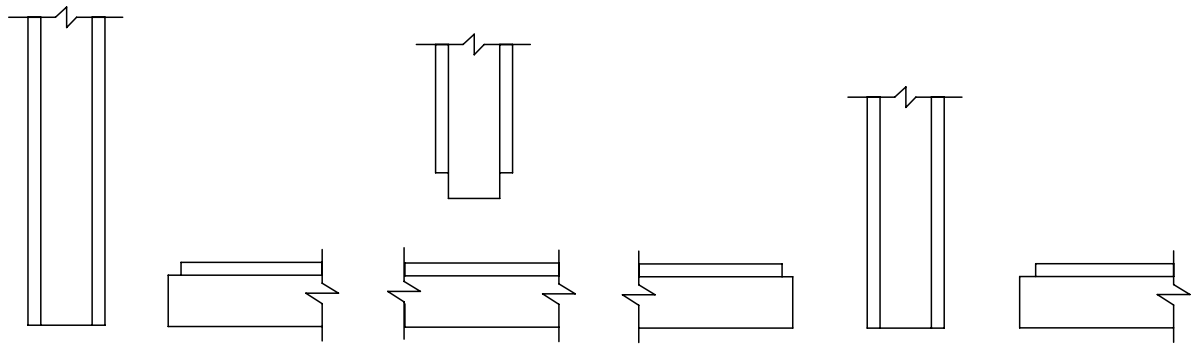


MULLION:
NOTCH TOP AND BOTTOM, WILL RUN THROUGH FROM HEAD TO TOP OF SILL

1. EXCEPTION: WILL RUN MULLION THROUGH TO FLOOR RATHER THAN SPLICE 2 SECTIONS OF SILL TOGETHER
2. EXCEPTION: RUN MULLION THROUGH HEAD AND SILL IF FIELD SPLICE IS REQUIRED

NOTE: MAY BY LABELED WHEN PROPERLY WELDED

SILLS: NOTCH BOTH ENDS TO BUTT BETWEEN VERTICAL MEMBERS

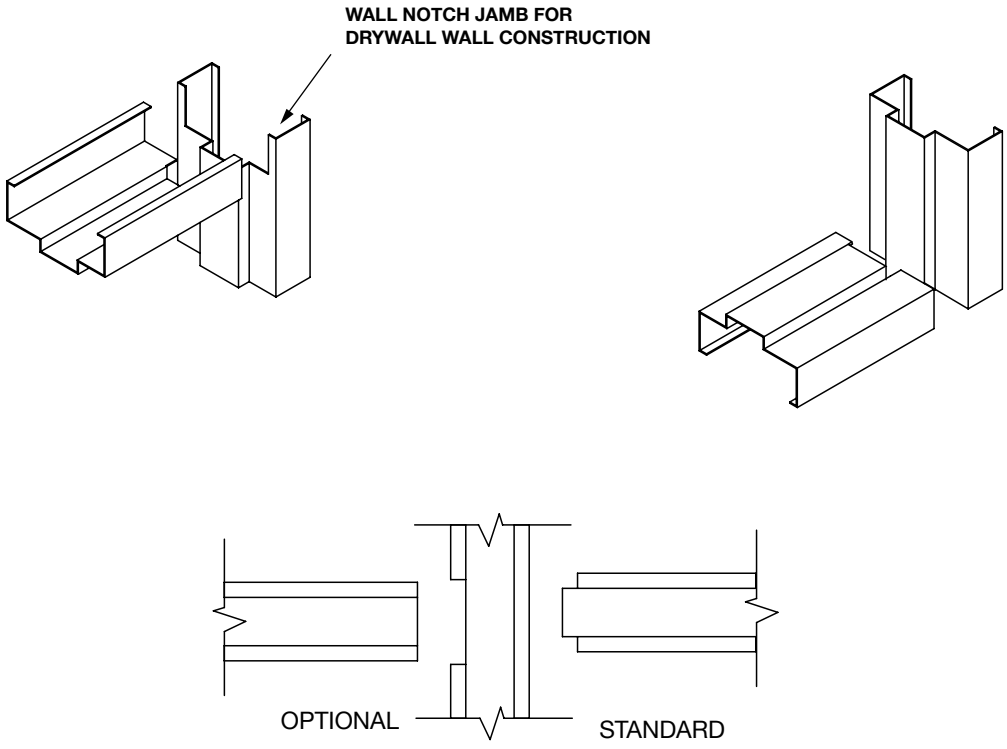


STANDARD

STANDARD

OPTIONAL

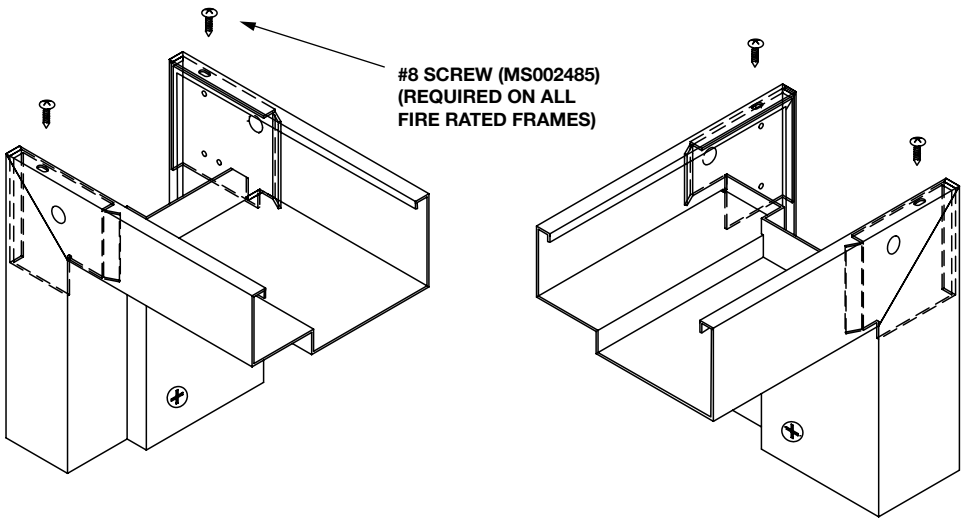
SAW BUTT END



NOTE: MAY BE LABELED WHEN PROPERLY WELDED

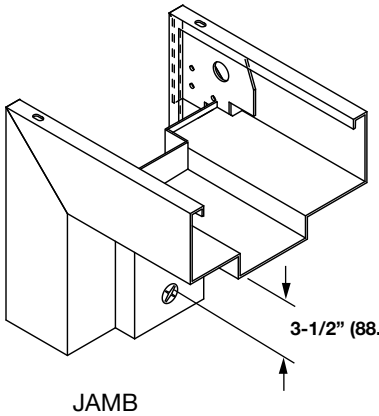
DRYWALL KD “CG” PROFILE CORNER DETAILS

Ⓛ



DRYWALL KD FRAME CORNER CLIP DETAIL

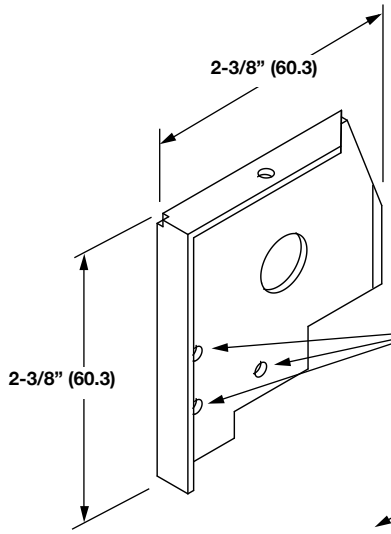
Ⓛ

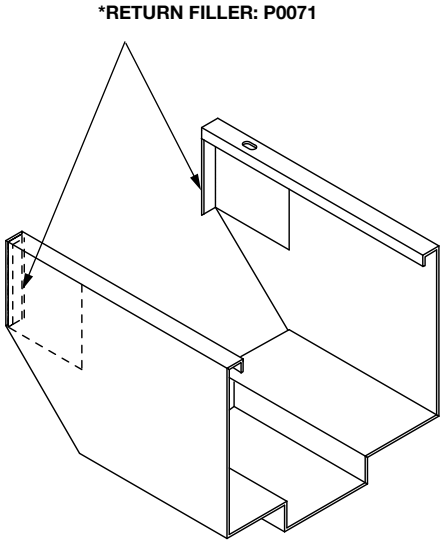


HEAD
2" FACE

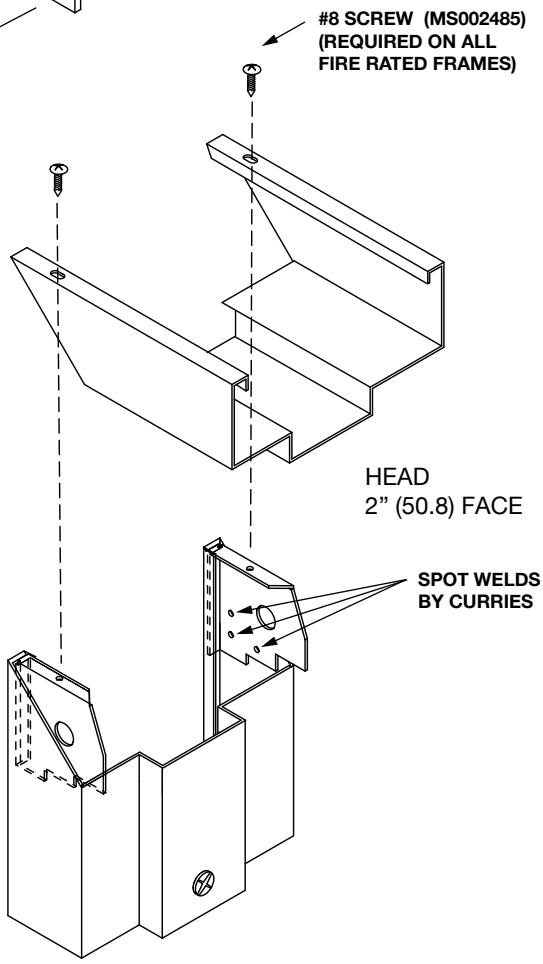
JAMB

C PROFILE CORNER





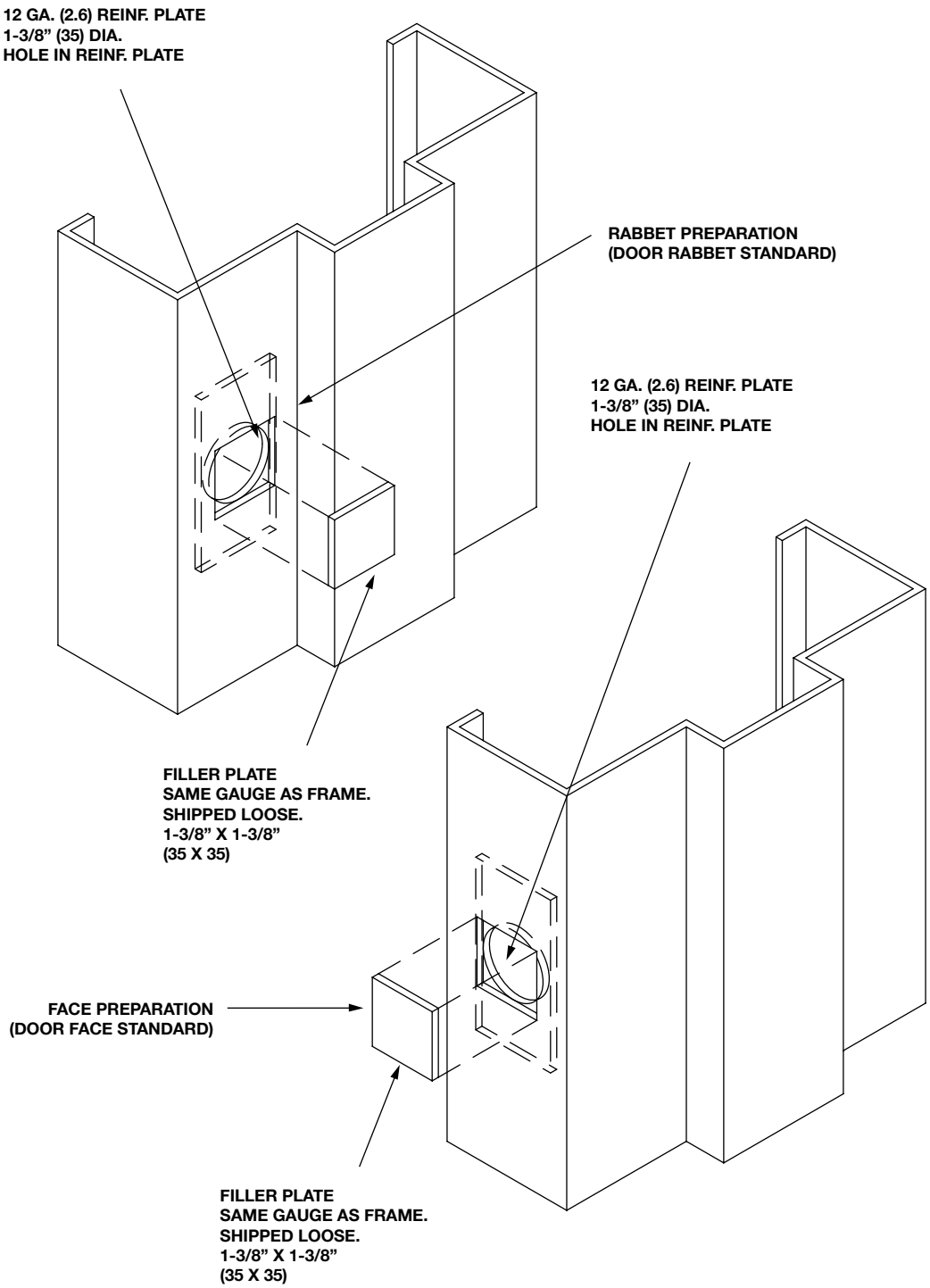
HEAD
4" (101.6) FACE



HEAD
2" (50.8) FACE

JAMB

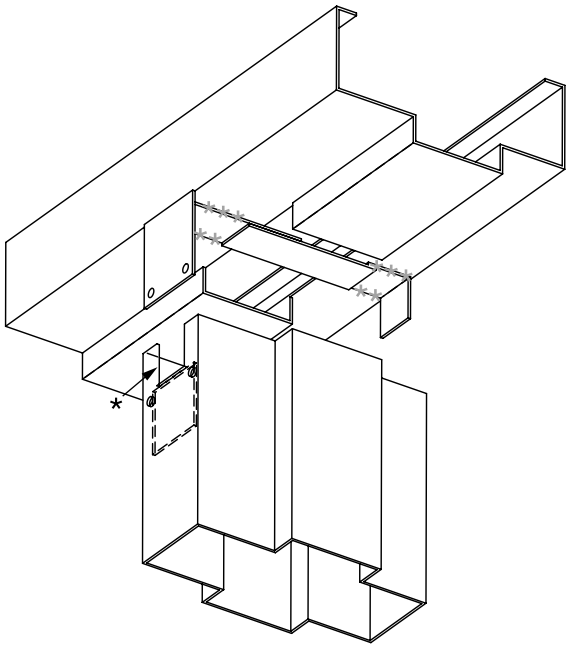
GROUT HOLE


12 GA. (2.6) REINF. PLATE
1-3/8" (35) DIA.
HOLE IN REINF. PLATE
RABBET PREPARATION
(DOOR RABBET STANDARD)
12 GA. (2.6) REINF. PLATE
1-3/8" (35) DIA.
HOLE IN REINF. PLATE
FILLER PLATE
SAME GAUGE AS FRAME.
SHIPPED LOOSE.
1-3/8" X 1-3/8"
(35 X 35)
FACE PREPARATION
(DOOR FACE STANDARD)
FILLER PLATE
SAME GAUGE AS FRAME.
SHIPPED LOOSE.
1-3/8" X 1-3/8"
(35 X 35)

REMOVABLE VERTICAL MULLION/BRACKET

Ⓛ

ANCHOR PART NUMBER: P0090



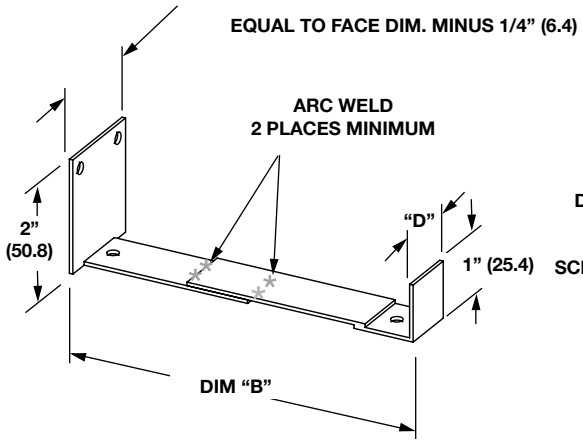
MULLION BRACKET IS USED AT THE TOP AND BOTTOM OF FRAME

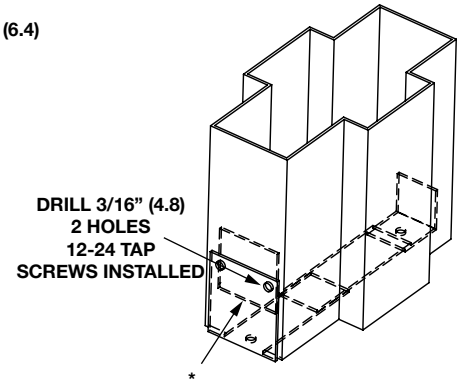
ATTACH MULLION BRACKET TO FRAME

* NOTCH MULLION FACE TO ALLOW DIMENSION “D” TO PASS THRU.

SLIDE MULLION IN PLACE

DIM. “B” = JAMB DEPTH - FRAME GAUGE THICKNESS
DIM. “D” = DETERMINED BY FACE DIMENSION

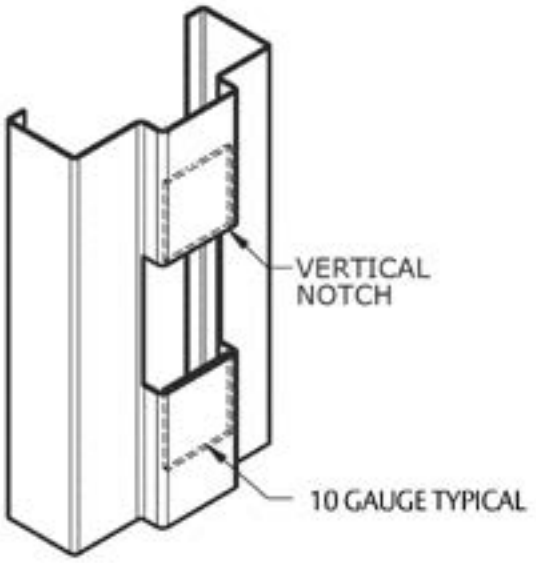




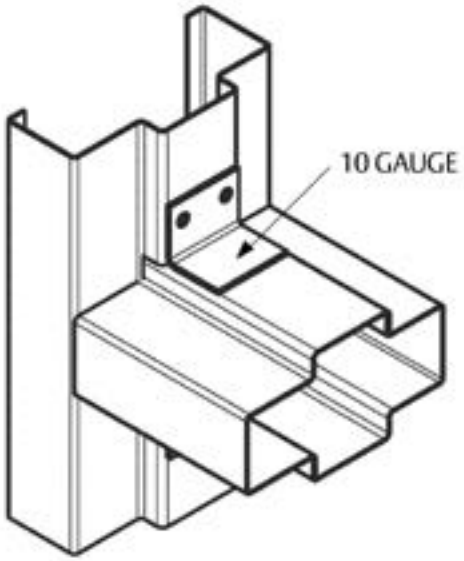
NOTE: THE MULLION WILL BE REMOVABLE FROM THE FACE OPPOSITE THE DOOR RABBET.

REMOVABLE HORIZONTAL MULLION/BRACKET

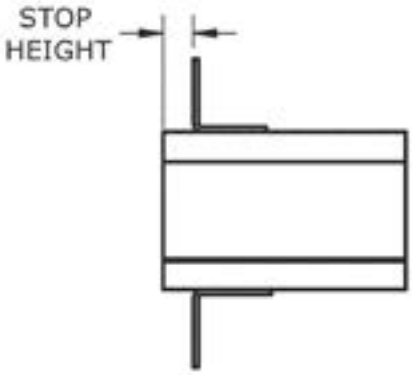
Ⓛ



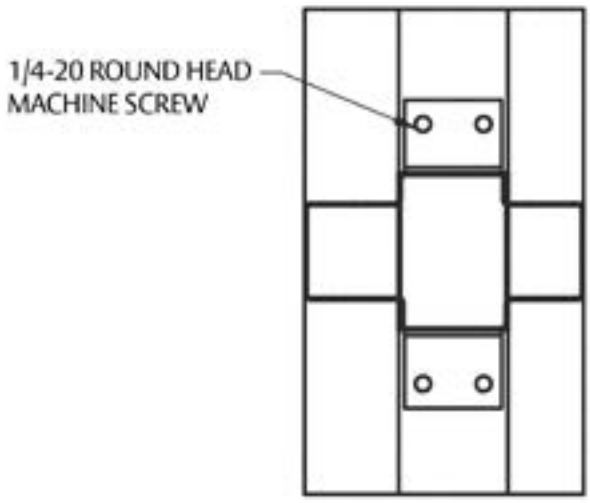
VERTICAL RAIL



ASSEMBLED



HORIZONTAL MULLION RAIL



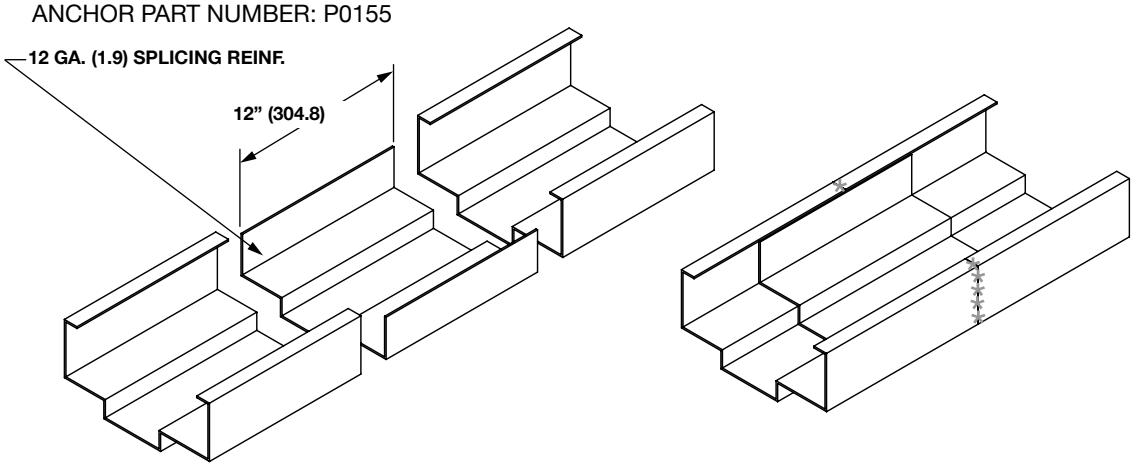
NOTE: USED WITH REMOVABLE TRANSOM PANEL.

SPLICE CONNECTION HEAD OR JAMB

1. FIT SPLICING SLEEVE REINF. HALFWAY INTO ONE SIDE AND TACK WELD IN PLACE.
2. SLIP OTHER SIDE OVER SPLICING SLEEVE REINF. AND ALIGN SEAMS FOR STRAIGHTNESS.
3. TACK WELD SPLICING SLEEVE REINF. INSIDE AND TACK WELD OUTSIDE SEAM AT BOTH FACES.
4. CONTINUOUS WELD SEAM - GRIND AND FINISH SMOOTH.

ANCHOR PART NUMBER: P0155

Ⓛ



FIELD SPLICE CONNECTION WITH BRACKET

NOTES FOR LABELING PURPOSES:

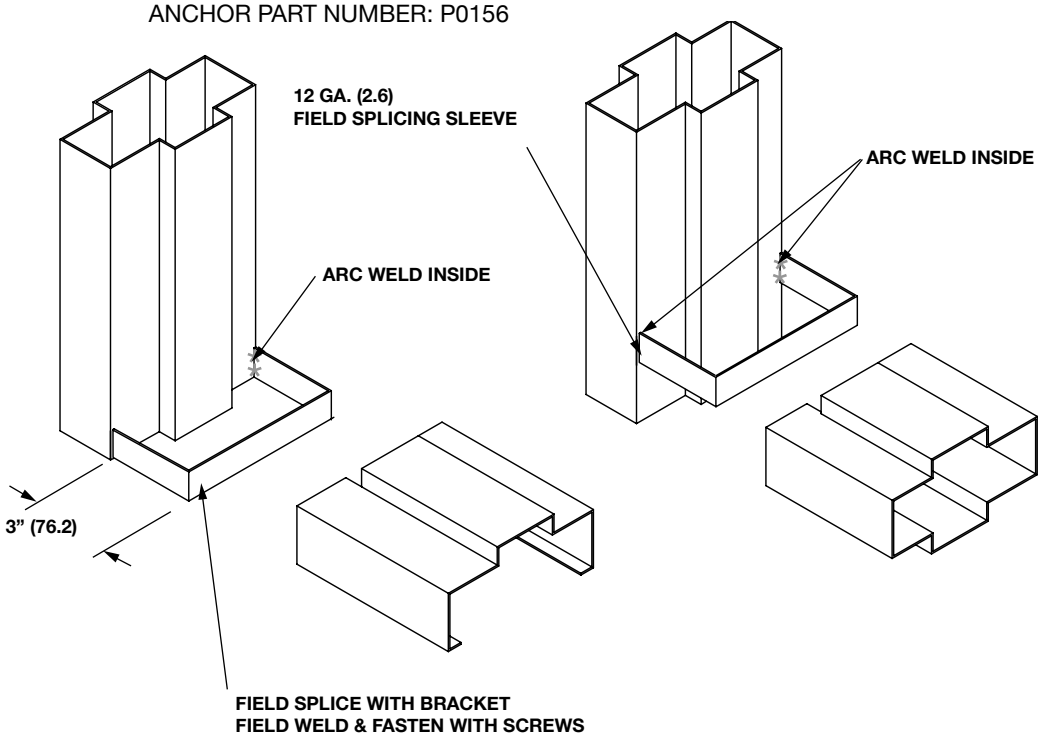
1) NOTCH SOFFIT OF ADJOINING PIECE.

2) ARC WELD SPLICING SLEEVE BRACKET TO MULLION.

3) FULL WELD FACES OF BOTH PIECES TOGETHER, OR ATTACH WITH 3 #10 SCREWS THROUGH FACE INTO FIELD SPLICING SLEEVE BRACKET.

ANCHOR PART NUMBER: P0156

Ⓛ



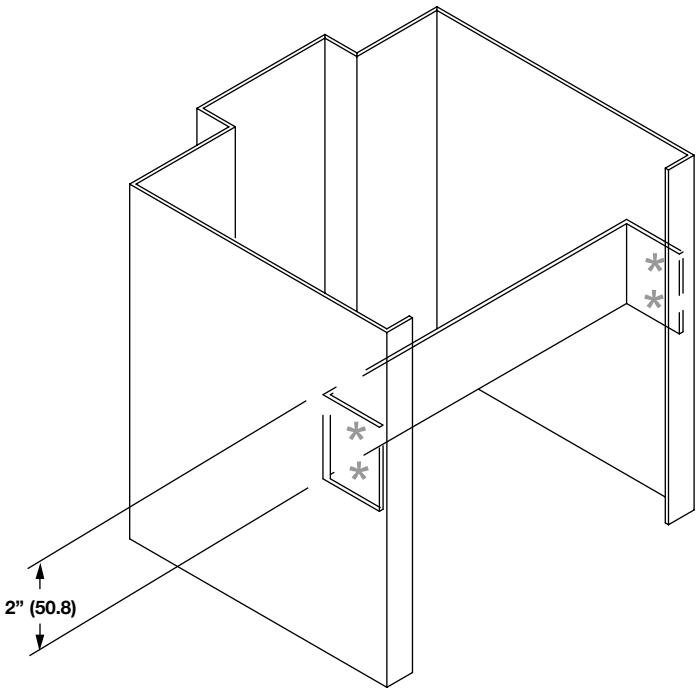
SILL REINFORCEMENT

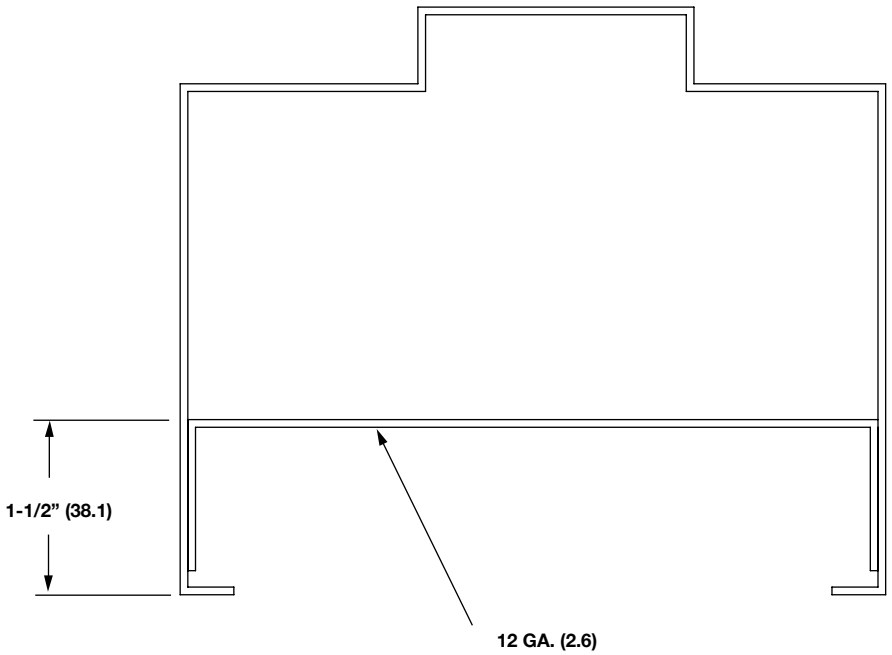
ANCHOR PART NUMBER: P320

LOCATED EVERY 18” OF SILL LENGTH WHEN FACE EXCEEDS 5”.
PROVIDES ADDITIONAL SUPPORT TO PROFILE FACE.

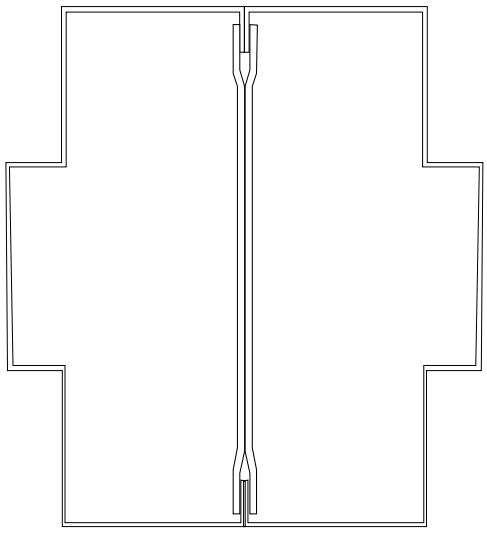
Ⓛ

ONE STIFFENER EVERY 18” OF LENGTH ON FACE DIMENSIONS 5” TO 9” FACE DIMENSIONS 9” THRU 16” MAX. REQUIRE TWO STIFFENERS PER 18” OF LENGTH.

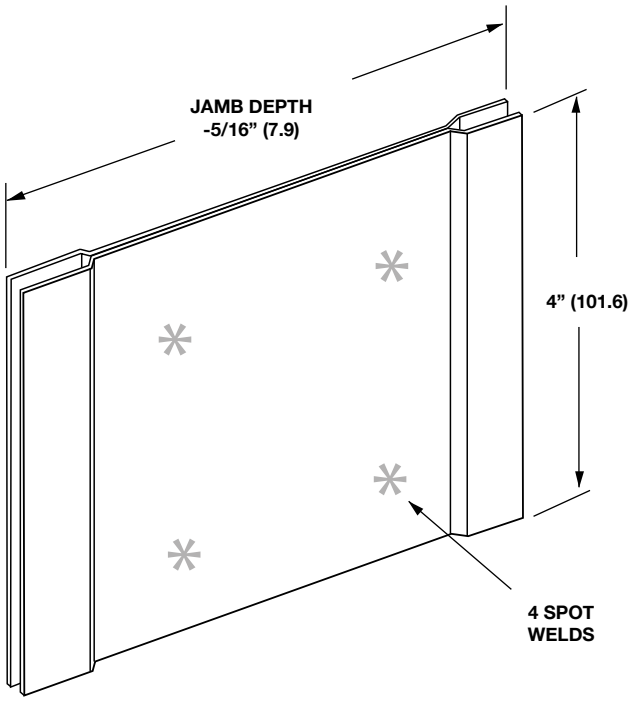




LOOSE SPLINE SLEEVE



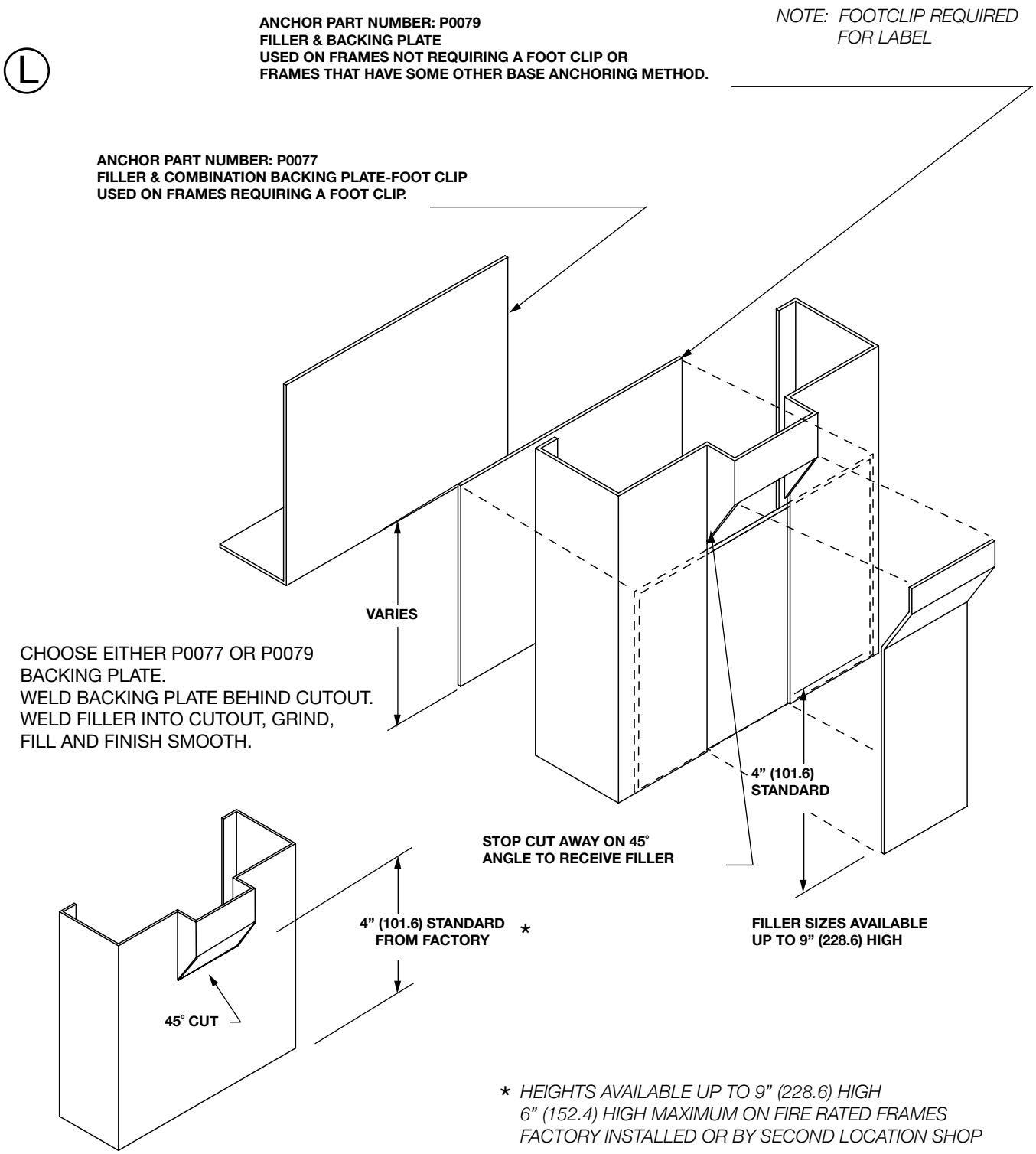
PART #P200
16 (1.4) GA.



16 GA. (1.4)

PART #P200

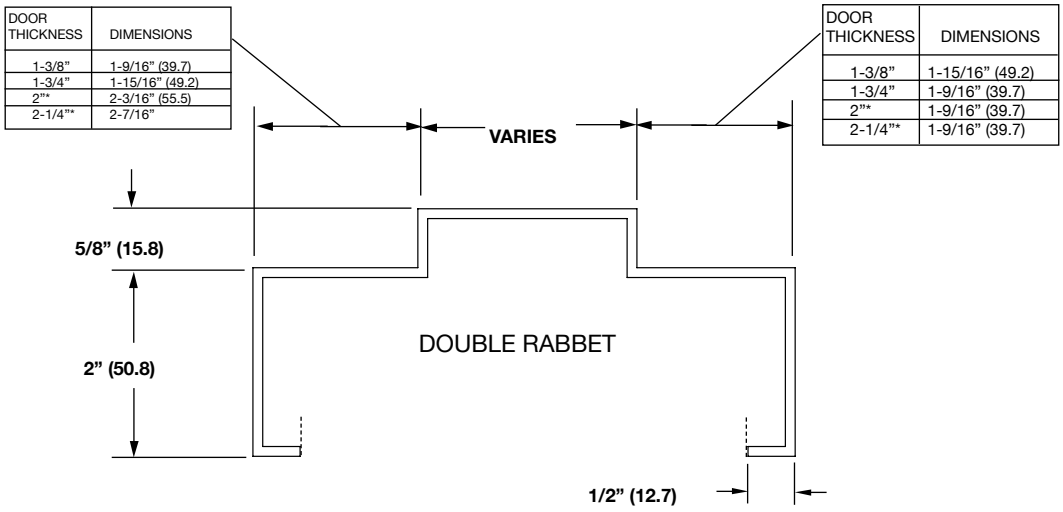
HOSPITAL STOP

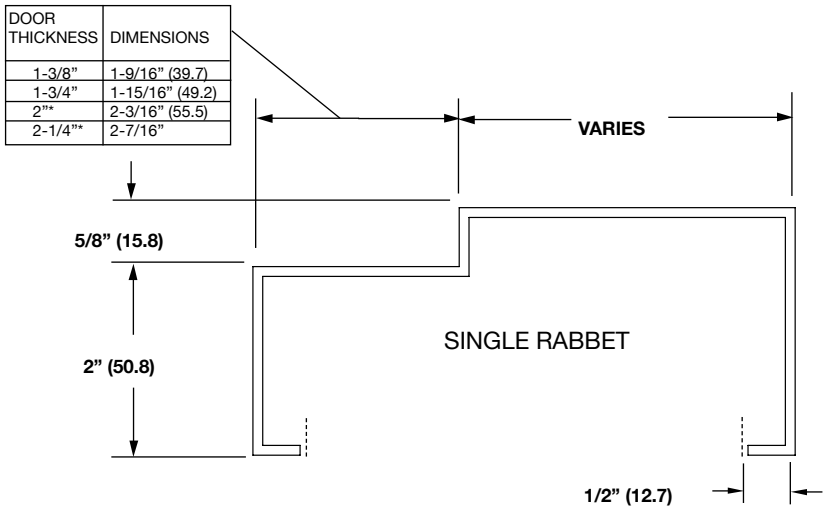


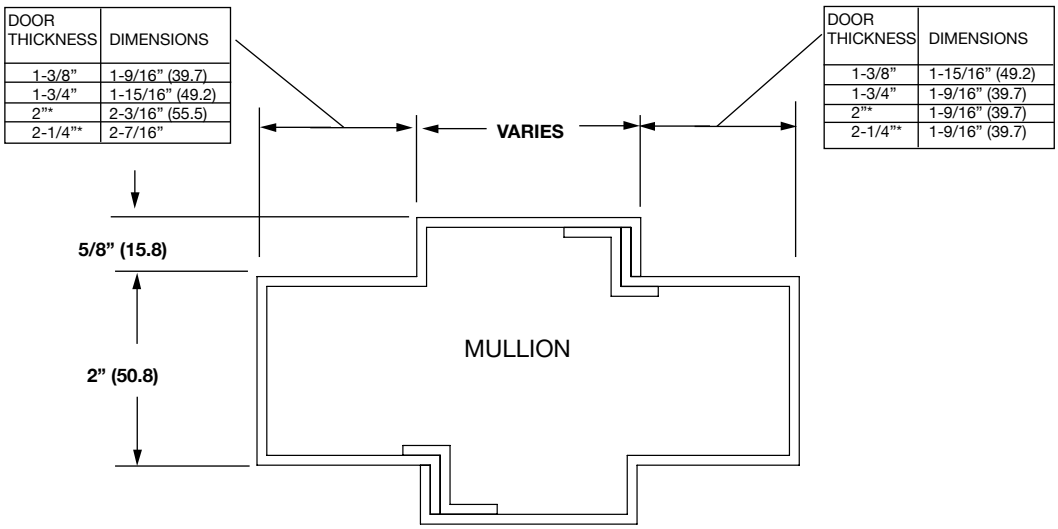
* *HEIGHTS AVAILABLE UP TO 9" (228.6) HIGH*
6" (152.4) HIGH MAXIMUM ON FIRE RATED FRAMES
FACTORY INSTALLED OR BY SECOND LOCATION SHOP

FRAME STANDARD RABBET DIMENSIONS

Ⓛ

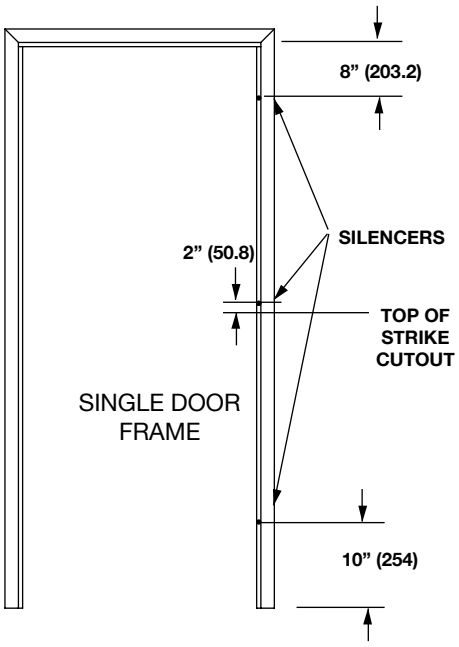


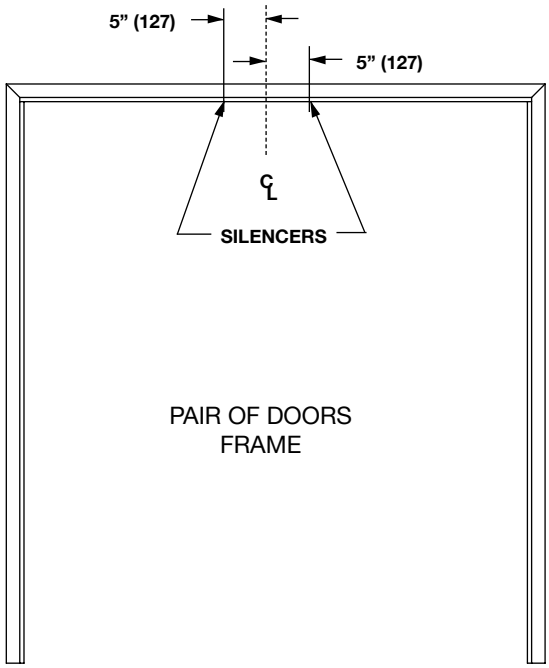


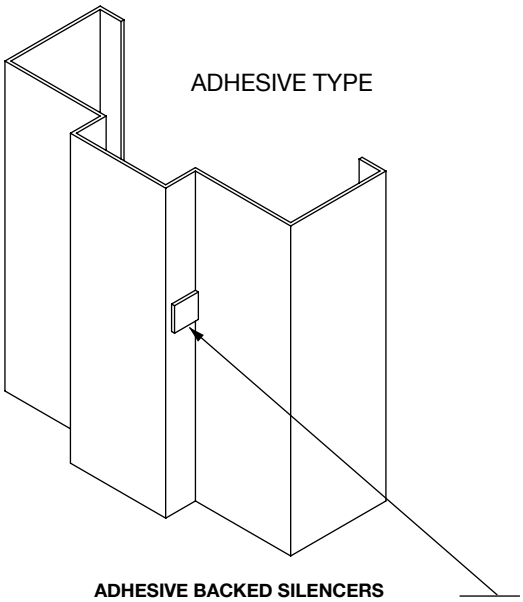


* NOT AVAILABLE KNOCKDOWN (KD)

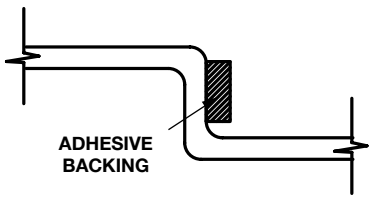
DOOR SILENCERS

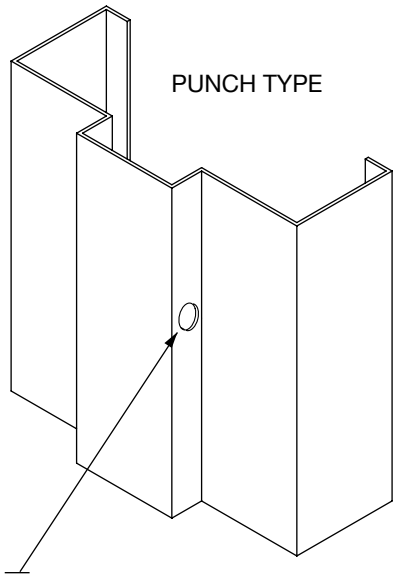




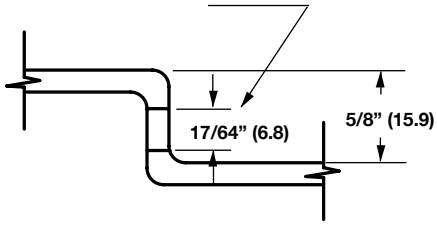


ADHESIVE BACKED SILENCERS
FIELD APPLIED AFTER FINISH PAINTING

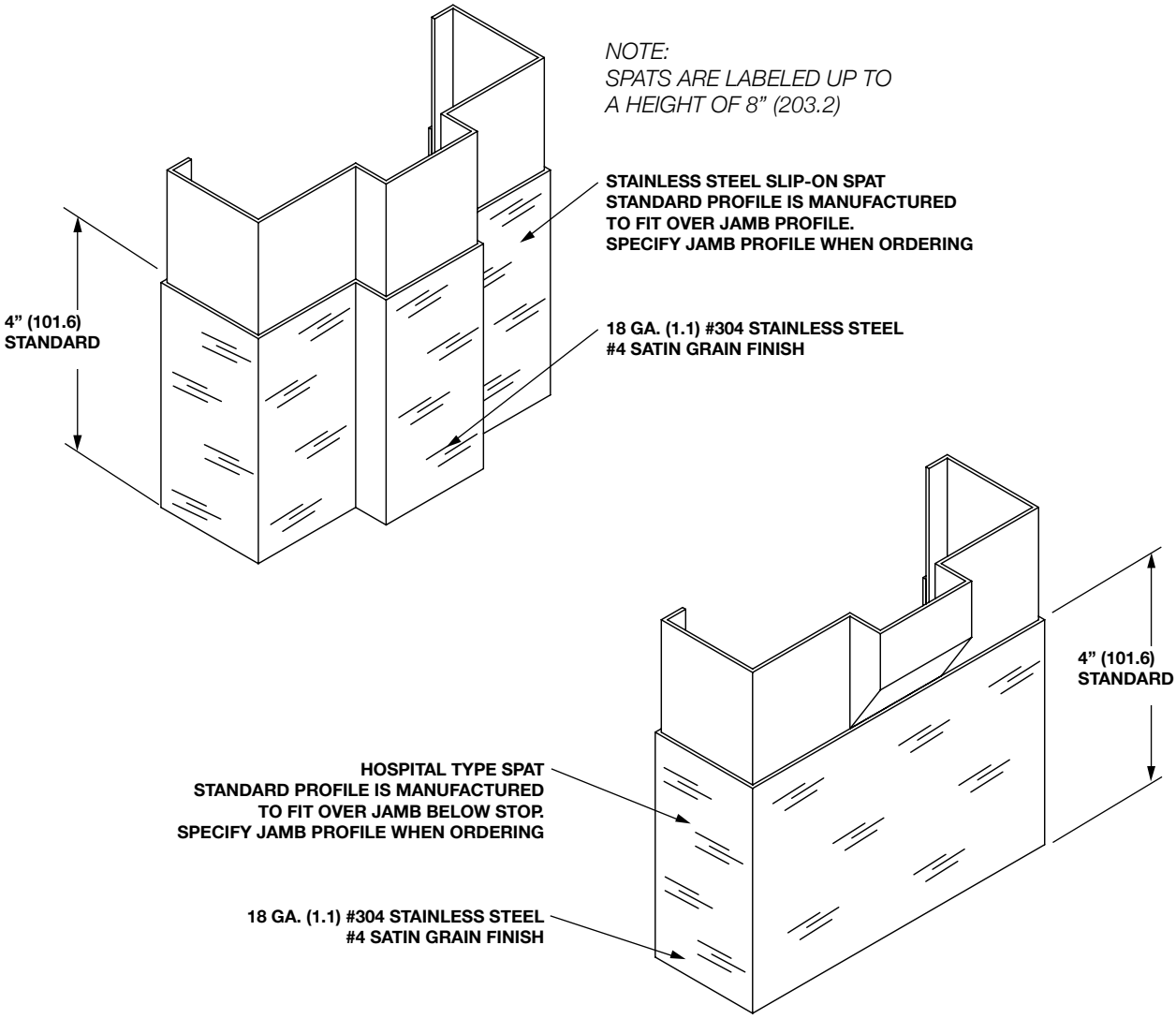




17/64” (6.8) DIA. HOLE
TO ACCEPT PUSH IN
TYPE SILENCERS

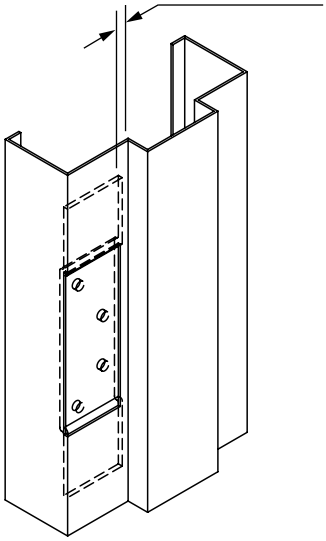


STAINLESS STEEL SLIP-ON TYPE SPATS



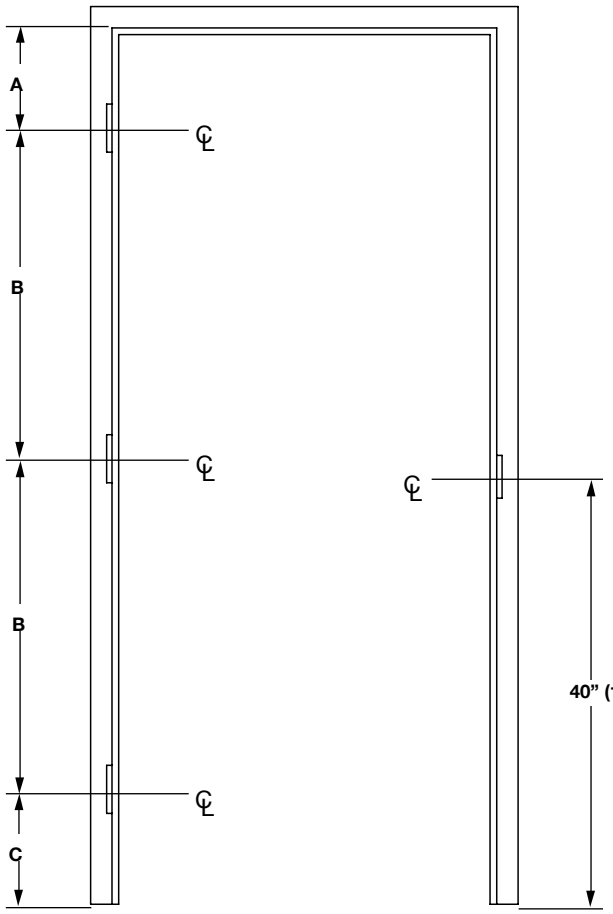
CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/4" FRAMES

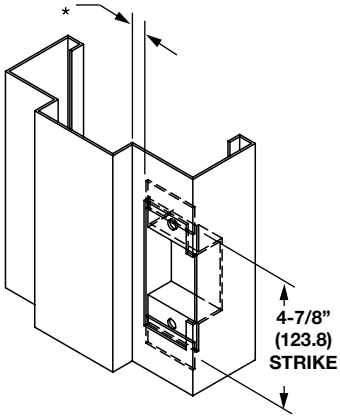
	SIZE	A	B	C
Ⓛ	6'8" (2032)	7-1/4" (184.2)	30-1/4" (768.4)	12-1/4" (311.2)
Ⓛ	6'10" (2082.8)	7-1/4" (184.2)	31-1/4" (793.8)	12-1/4" (311.2)
Ⓛ	7'0" (2133.6)	7-1/4" (184.2)	32-1/4" (819.2)	12-1/4" (311.2)
Ⓛ	7'2" (2184.4)	7-1/4" (184.2)	33-1/4" (844.6)	12-1/4" (311.2)
Ⓚ	7'10" (2387.6)	7-1/4" (184.2)	37-1/4" (946.2)	12-1/4" (311.2)
Ⓚ	8'0" (2438.4)	7-1/4" (184.2)	38-1/4" (971.6)	12-1/4" (311.2)



HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME
HINGE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR
5/8" (15.9) FOR 2" (50.8) DOOR
5/8" (15.9) FOR 2-1/4" (57.2) DOOR
DOOR RABBETS: 1-15/16" (49.2) FOR 1-3/4" (44.5) DOOR
2-3/16" (55.6) FOR 2" (50.8) DOOR

FOR USE WITH THREE HINGES
4-1/2" (114.3) OR 5" (127)



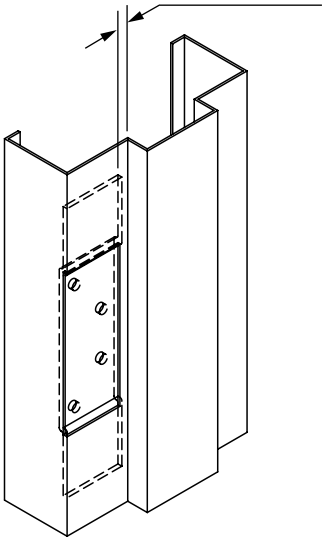


NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

** STRIKE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR*
1/2" (12.7) FOR 2" (50.8) DOOR

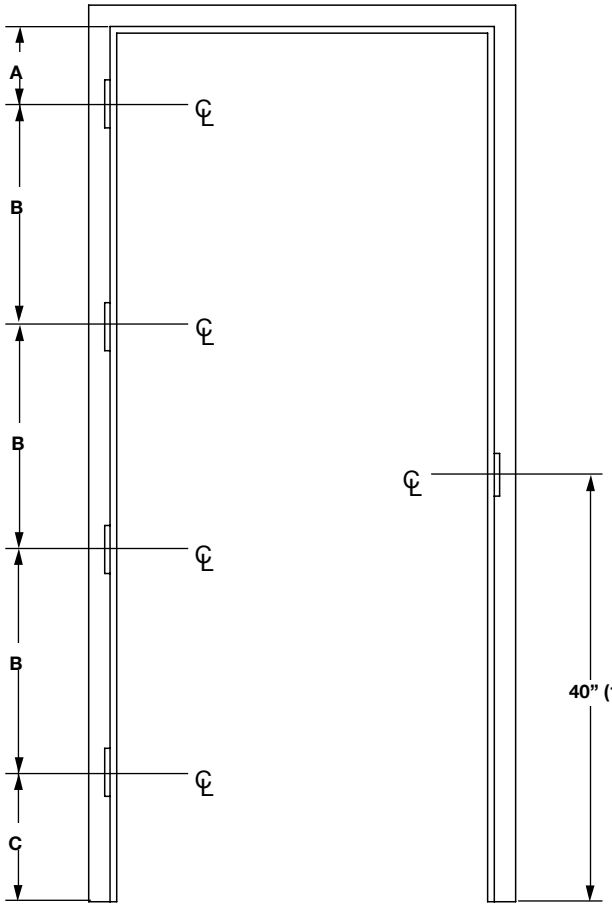
CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/4" FRAMES

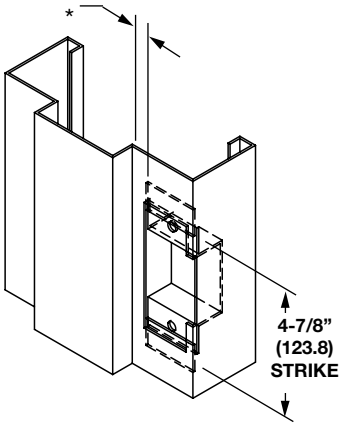
SIZE	A	B	C
6'8" (2032)	7-1/4" (184.2)	20-1/8" (511.2)	12-3/8" (314.3)
6'10" (2082.8)	7-1/4" (184.2)	20-7/8" (530.2)	12-1/8" (308)
7'0" (2133.6)	7-1/4" (184.2)	21-1/2" (546.1)	12-1/4" (311.2)
7'2" (2184.4)	7-1/4" (184.2)	22-1/8" (562)	12-3/8" (314.3)
7'10" (2387.6)	7-1/4" (184.2)	24-7/8" (631.8)	12-1/8" (308)
8'0" (2438.4)	7-1/4" (184.2)	25-1/2" (647.7)	12-1/4" (311.2)
9'0" (2743.2)	7-1/4" (184.2)	29-1/2" (749.3)	12-1/4" (311.2)
10'0" (3048)	7-1/4" (184.2)	33-1/2" (850.9)	12-1/4" (311.2)



HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME.
HINGE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR.
5/8" (15.9) FOR 2" (50.8) DOOR
DOOR RABBETS: 1-15/16" (49.2) FOR 1-3/4" (44.5) DOOR.
2-3/16" (55.6) FOR 2" (50.8) DOOR.

FOR USE WITH FOUR HINGES
4-1/2" (114.3) OR 5" (127)





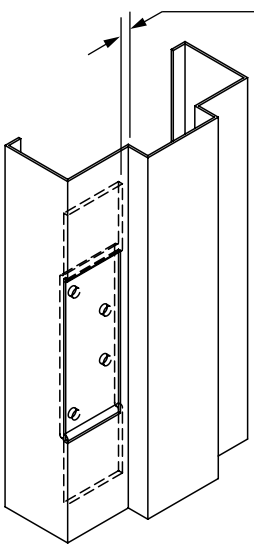
NOTE:
FOR FRAMES UNDER 60" TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

** STRIKE BACKSET: 5/16" (7.9) FOR 1-3/4" (44.5) DOOR*
1/2" (12.7) FOR 2" (50.8) DOOR

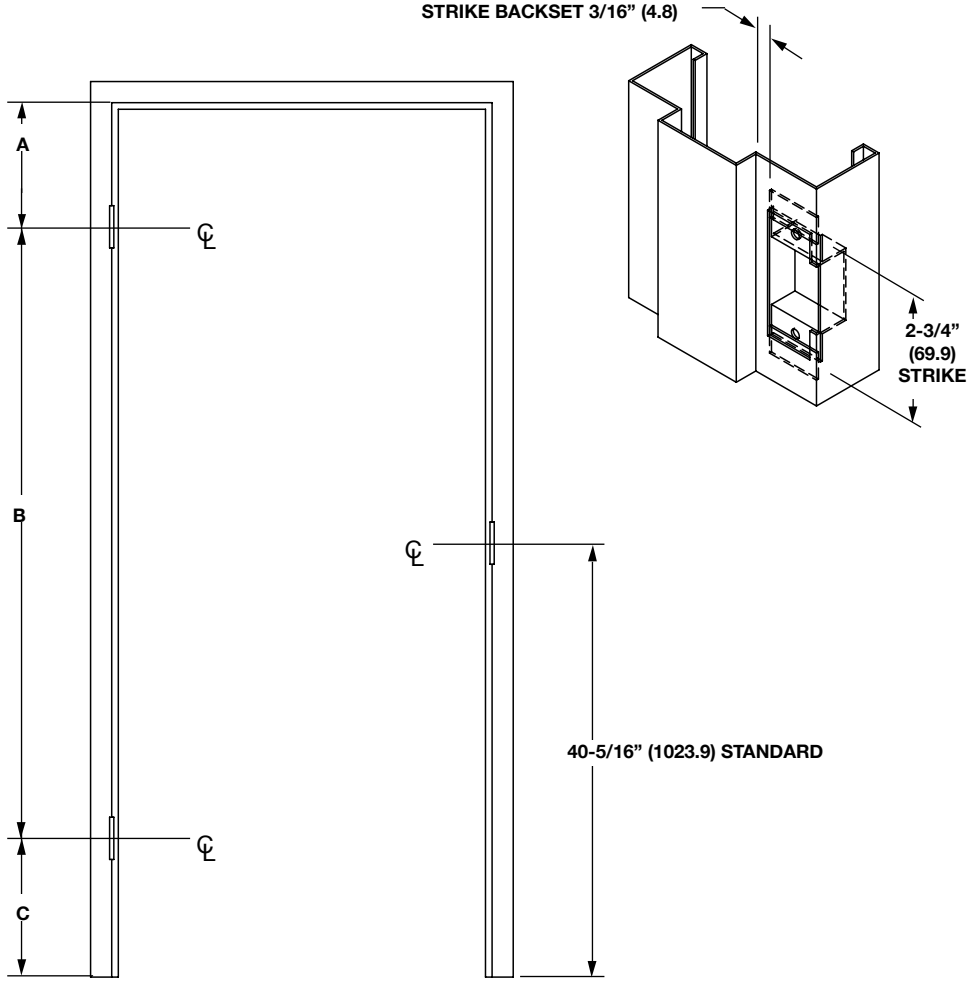
CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/8” FRAMES

SIZE	A	B	C
6’8” (2032)	9-3/4” (247.7)	59-7/8” (1520.8)	10-3/8” (263.5)
6’10” (2082.8)	9-3/4” (247.7)	61-7/8” (1571.6)	10-3/8” (263.5)
7’0” (2133.6)	9-3/4” (247.7)	63-7/8” (1622.4)	10-3/8” (263.5)
7’2” (2184.4)	9-3/4” (247.7)	65-7/8” (1673.2)	10-3/8” (263.5)

HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.



FOR USE WITH TWO HINGES 1-3/8” (34.9) DOOR 3-1/2” (88.9) OR 4” (101.6)



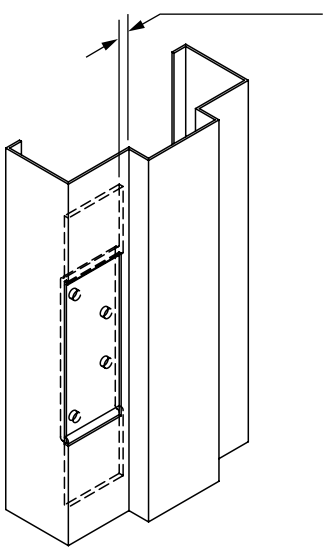
NOTE:
FOR FRAMES UNDER 60” TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/8” FRAME

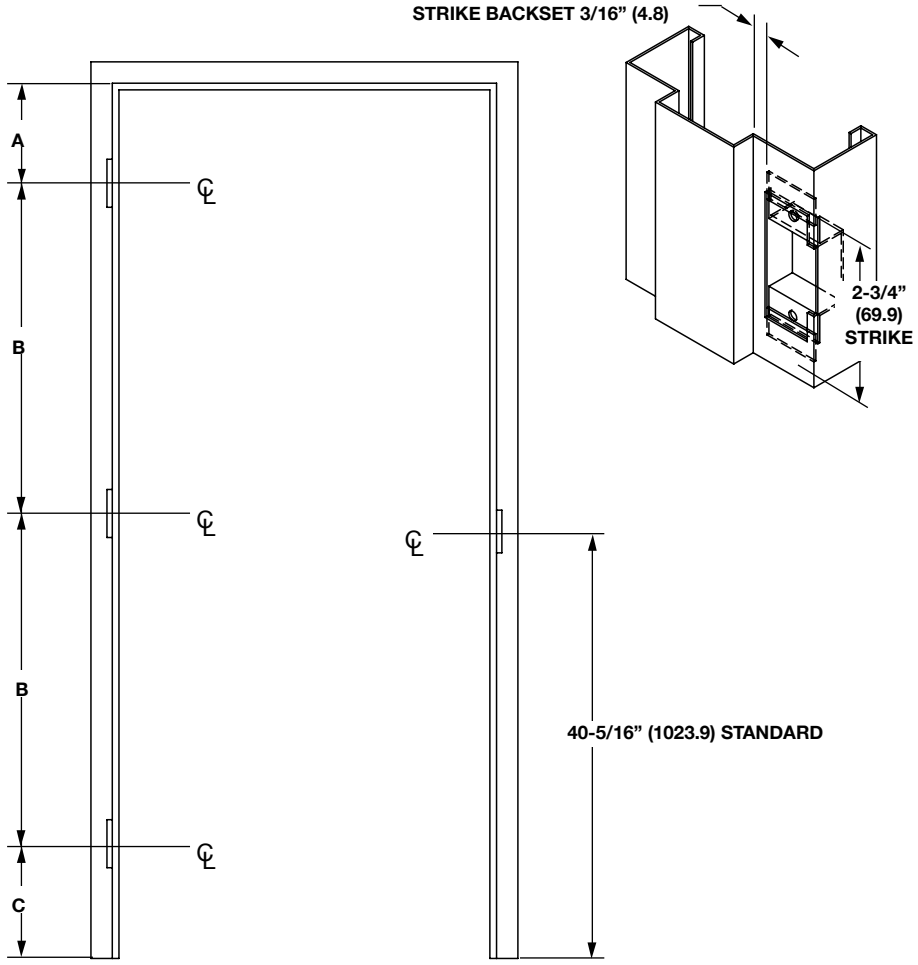
	SIZE	A	B	C
Ⓛ	6’8” (2032)	9-3/4” (247.7)	29-15/16” (760.4)	10-3/8” (263.5)
Ⓛ	6’10” (2082.8)	9-3/4” (247.7)	30-15/16” (785.8)	10-3/8” (263.5)
Ⓛ	7’0” (2133.6)	9-3/4” (247.7)	31-15/16” (811.2)	10-3/8” (263.5)
Ⓛ	7’2” (2184.4)	9-3/4” (247.7)	32-15/16” (836.6)	10-3/8” (263.5)

Ⓛ

HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.



FOR USE WITH THREE HINGES 1-3/8” (34.9) DOOR 3-1/2” (88.9) OR 4” (101.6)

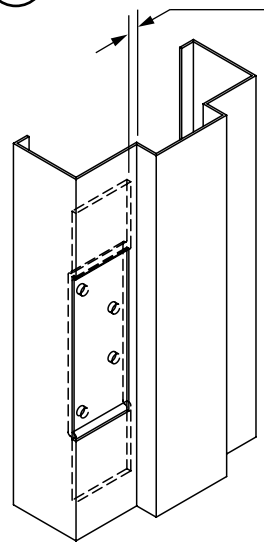


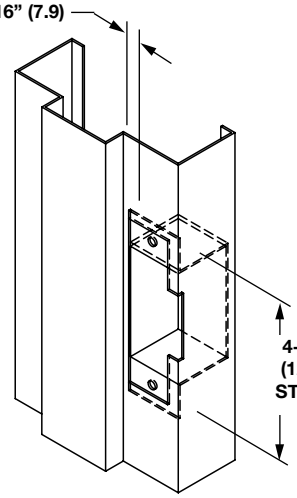
NOTE:
FOR FRAMES UNDER 60” TALL WE WILL CENTER THE STRIKE FOR ALL MANUFACTURERS LOCATIONS UNLESS NOTED OTHERWISE ON THE ORDER.

CURRIES STANDARD HINGE & STRIKE LOCATIONS FOR 1-3/4” DUTCH FRAME

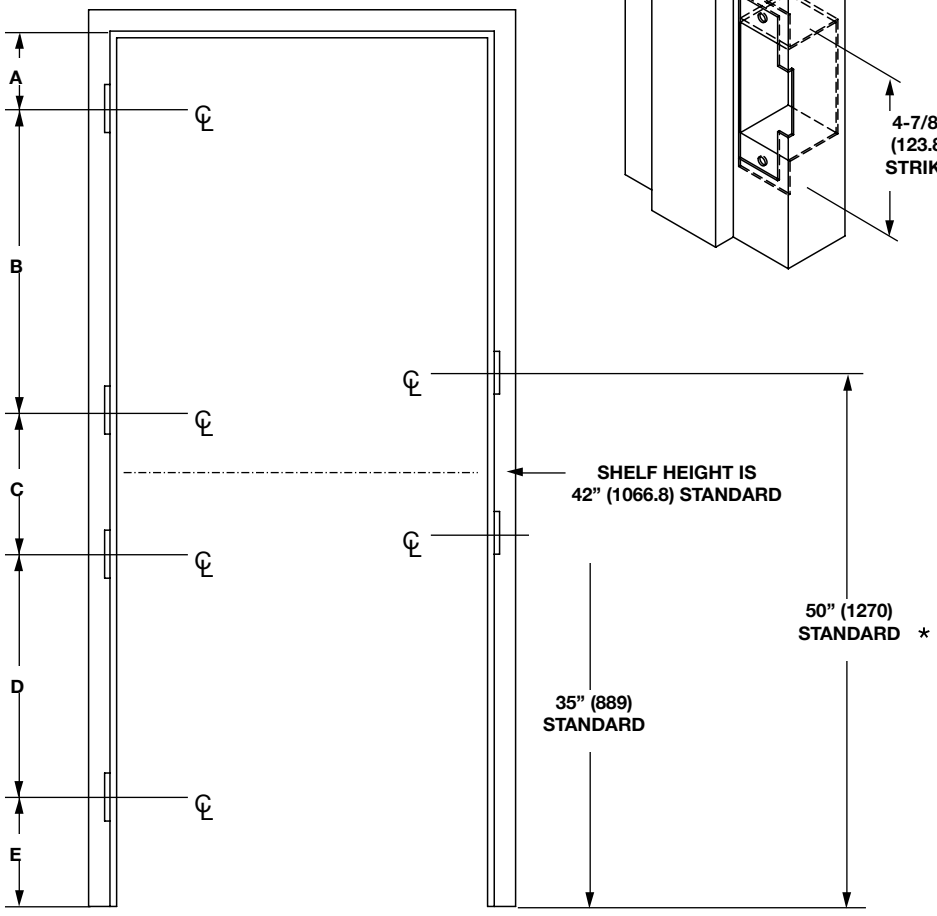
	SIZE	A	B	C	D	E
Ⓛ	6’8” (2032)	7-1/4” (184.2)	24-1/4” (616)	13-1/2” (342.9)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	6’10” (2082.8)	7-1/4” (184.2)	26-1/4” (666.6)	13-1/2” (342.9)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	7’0” (2133.6)	7-1/4” (184.2)	28-1/4” (717.6)	13-1/2” (342.9)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	7’2” (2184.4)	7-1/4” (184.2)	30-1/4” (768.4)	13-1/2” (342.9)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	7’10” (2387.6)	7-1/4” (184.2)	35-1/4” (895.4)	16-1/2” (419.1)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	8’0” (2438.4)	7-1/4” (184.2)	37-1/4” (946.2)	16-1/2” (419.1)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	9’0” (2743.2)	7-1/4” (184.2)	49-1/4” (1251)	16-1/2” (419.1)	22-3/4” (577.9)	12-1/4” (311.2)
Ⓛ	10”0” (3048)	7-1/4” (184.2)	61-1/4” (1555.8)	16-1/2” (419.1)	22-3/4” (577.9)	12-1/4” (311.2)

Ⓛ HINGE SIZE MAY VARY, ℄ LOCATION REMAINS THE SAME.





DUTCH DOOR
4-1/2” (114.3) OR 5” (127)

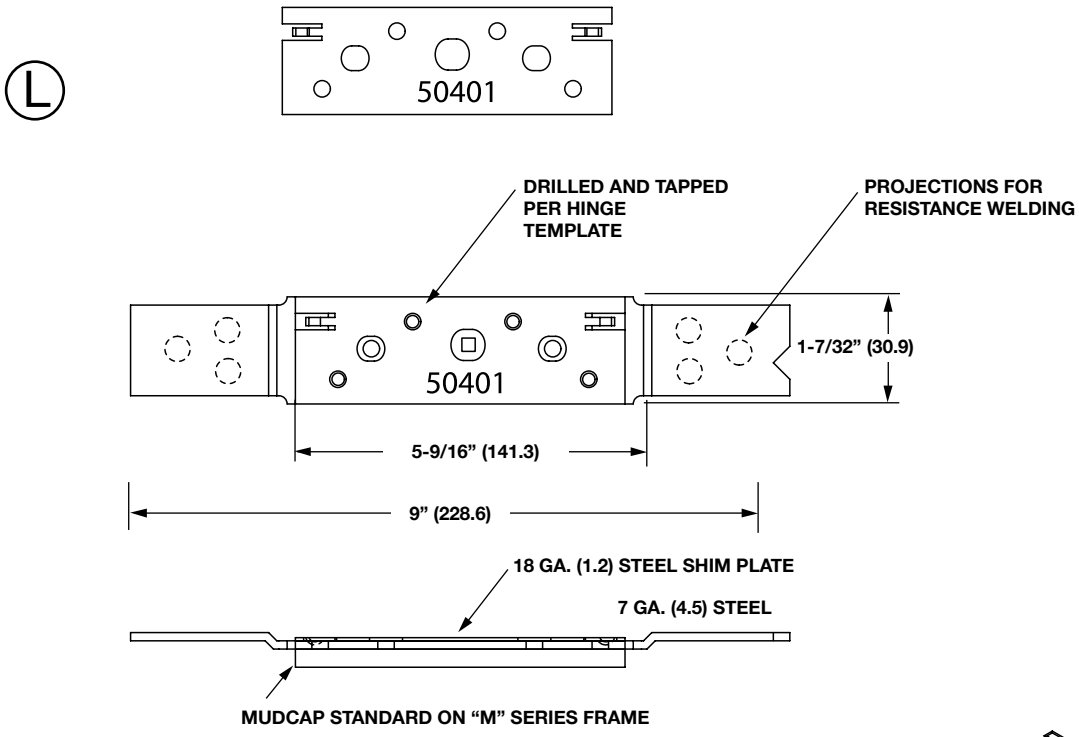


NOTE:
MAXIMUM FIRE LABEL WIDTH: 3’8” (1117.6)

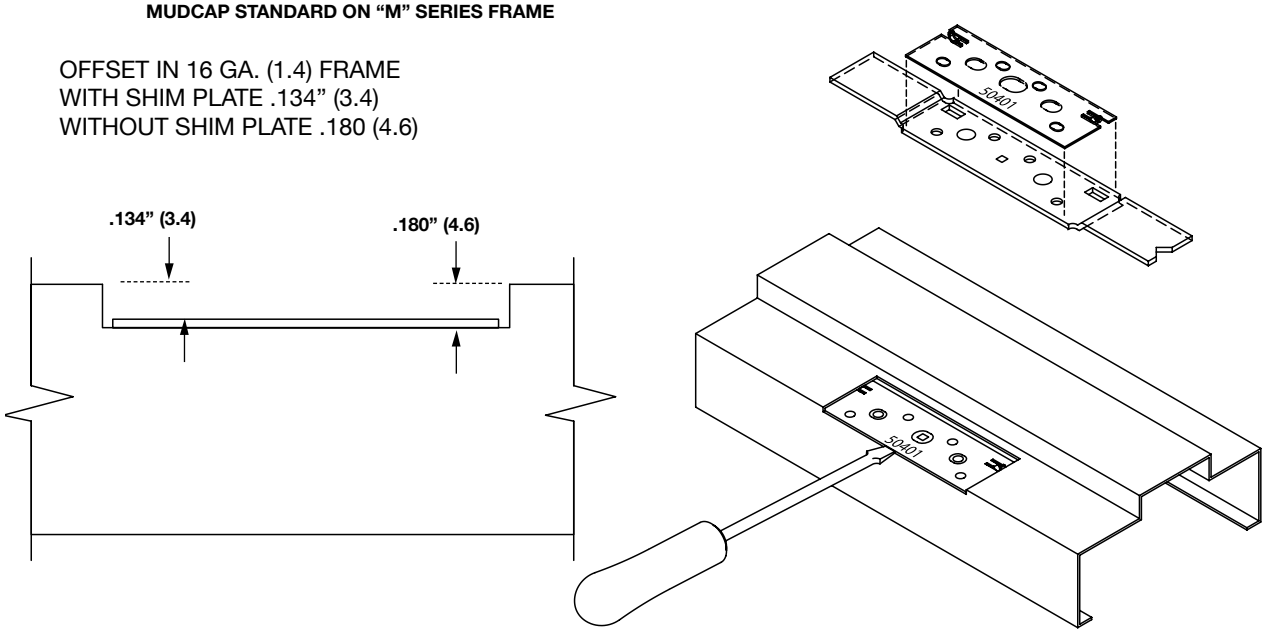
* *PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48” CL IS NOT PRACTICAL WITH SOME DEADLOCKS.*

4-1/2” ULTIMA HINGE REINFORCEMENT

DEFAULT REINFORCEMENT FOR ALL 4-1/2” STANDARD AND HEAVYWEIGHT HINGES



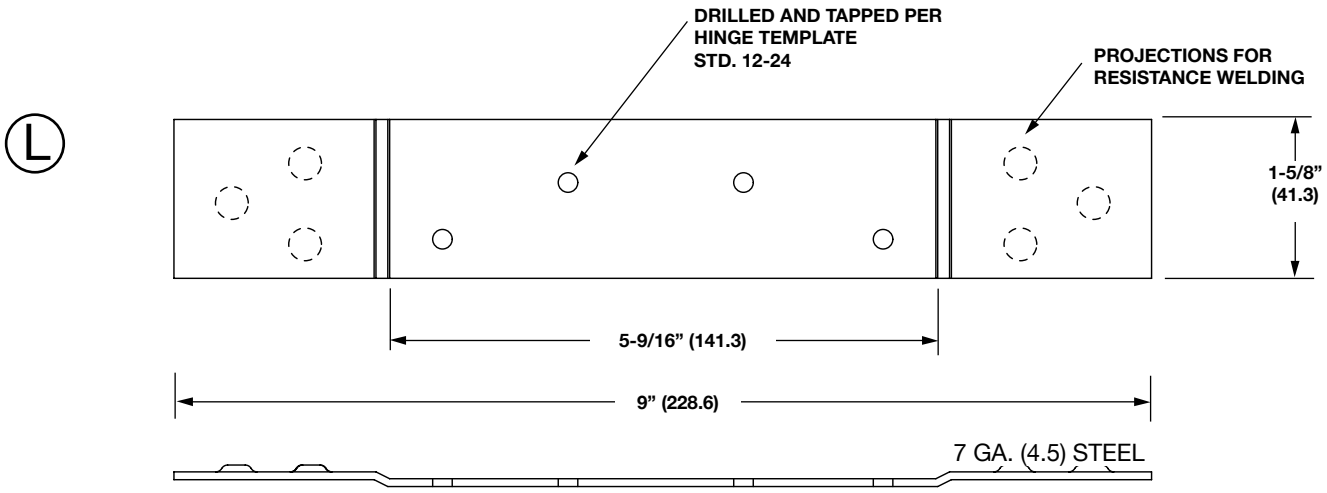
OFFSET IN 16 GA. (1.4) FRAME
WITH SHIM PLATE .134” (3.4)
WITHOUT SHIM PLATE .180 (4.6)



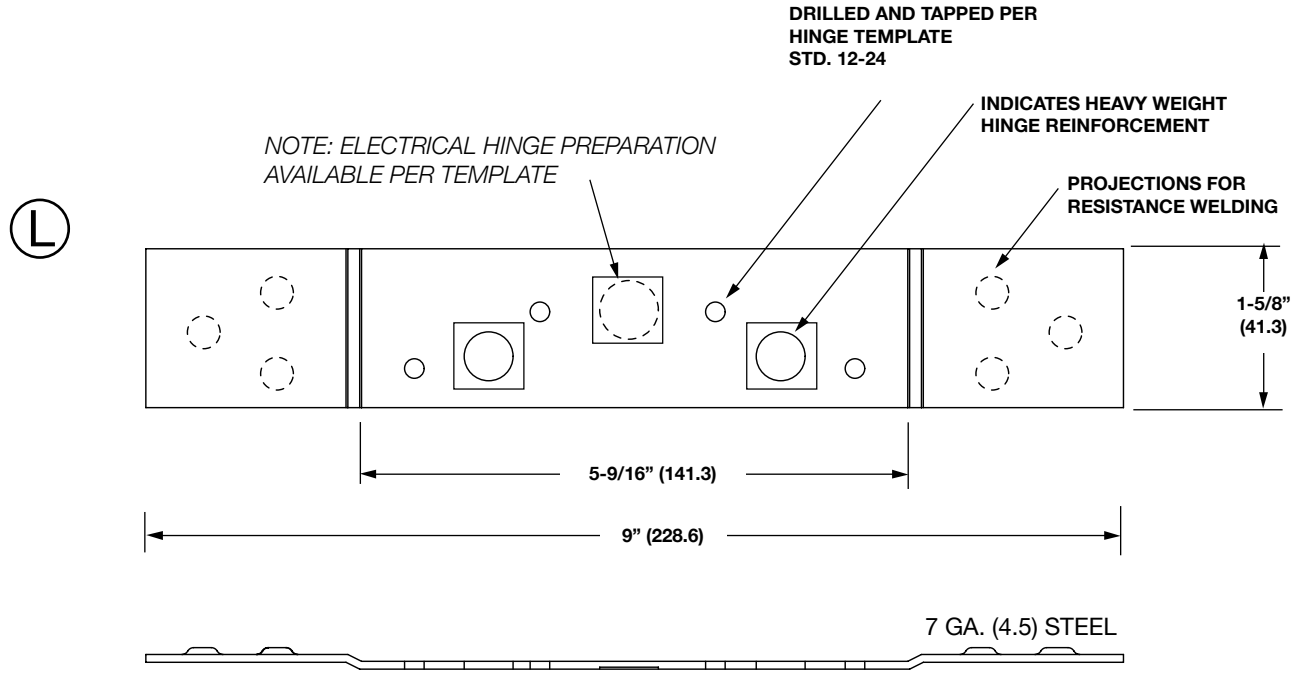
TO REMOVE SHIM PLATE, INSERT FLAT SCREWDRIVER BETWEEN SHIM AND REINFORCEMENT, AND PRY SHIM AWAY FROM REINFORCEMENT.

NOTE: 1) IF SHIM IS REMOVED, PRIME PAINT HINGE REINFORCEMENT.
2) NOT RECOMMENDED FOR CONVERSION TO ELECTRIC HINGE PREPARATION.

5” HINGE REINFORCEMENT

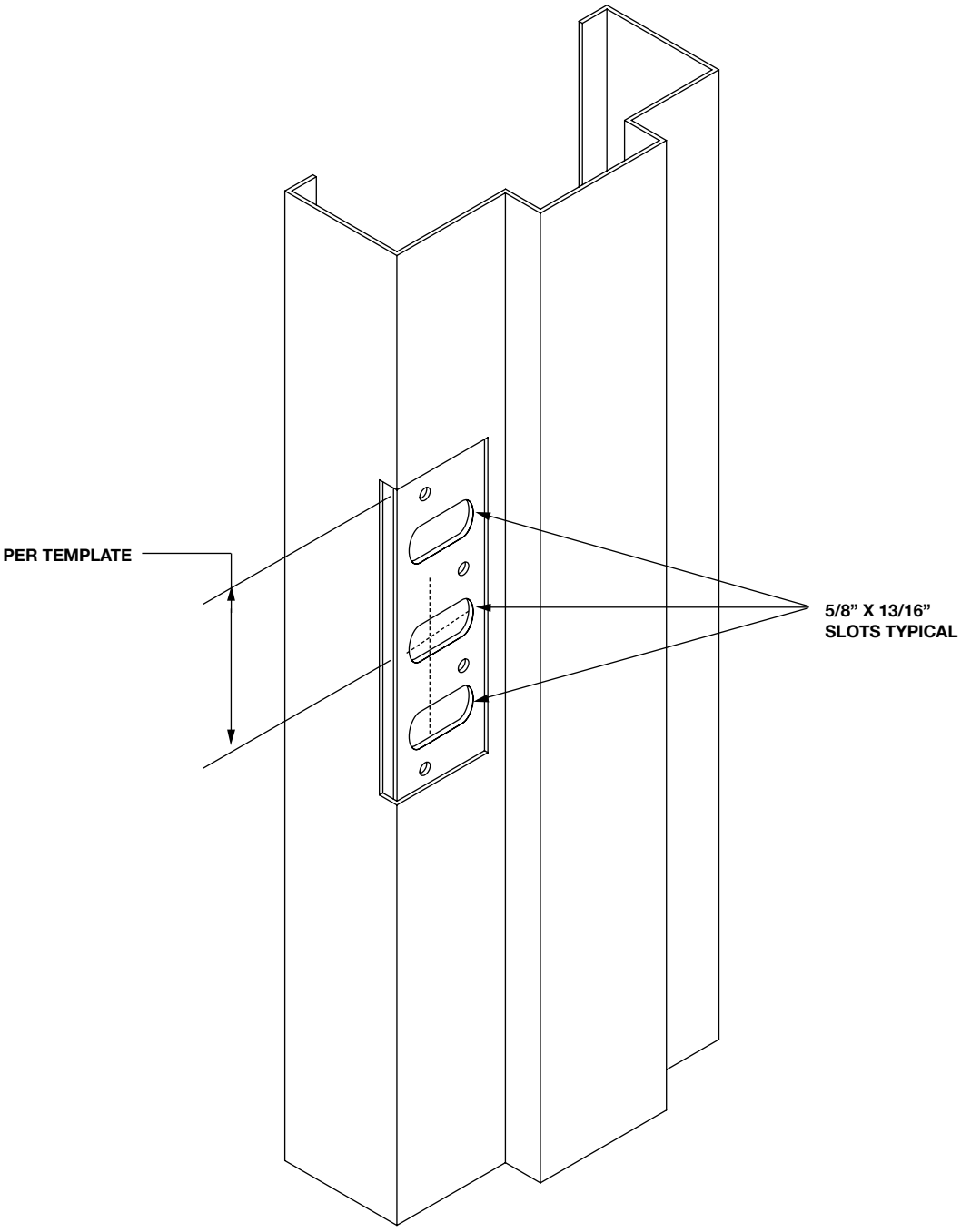


HEAVY 5” HINGE REINFORCEMENT



EH - ELECTRIC HINGES

Ⓛ



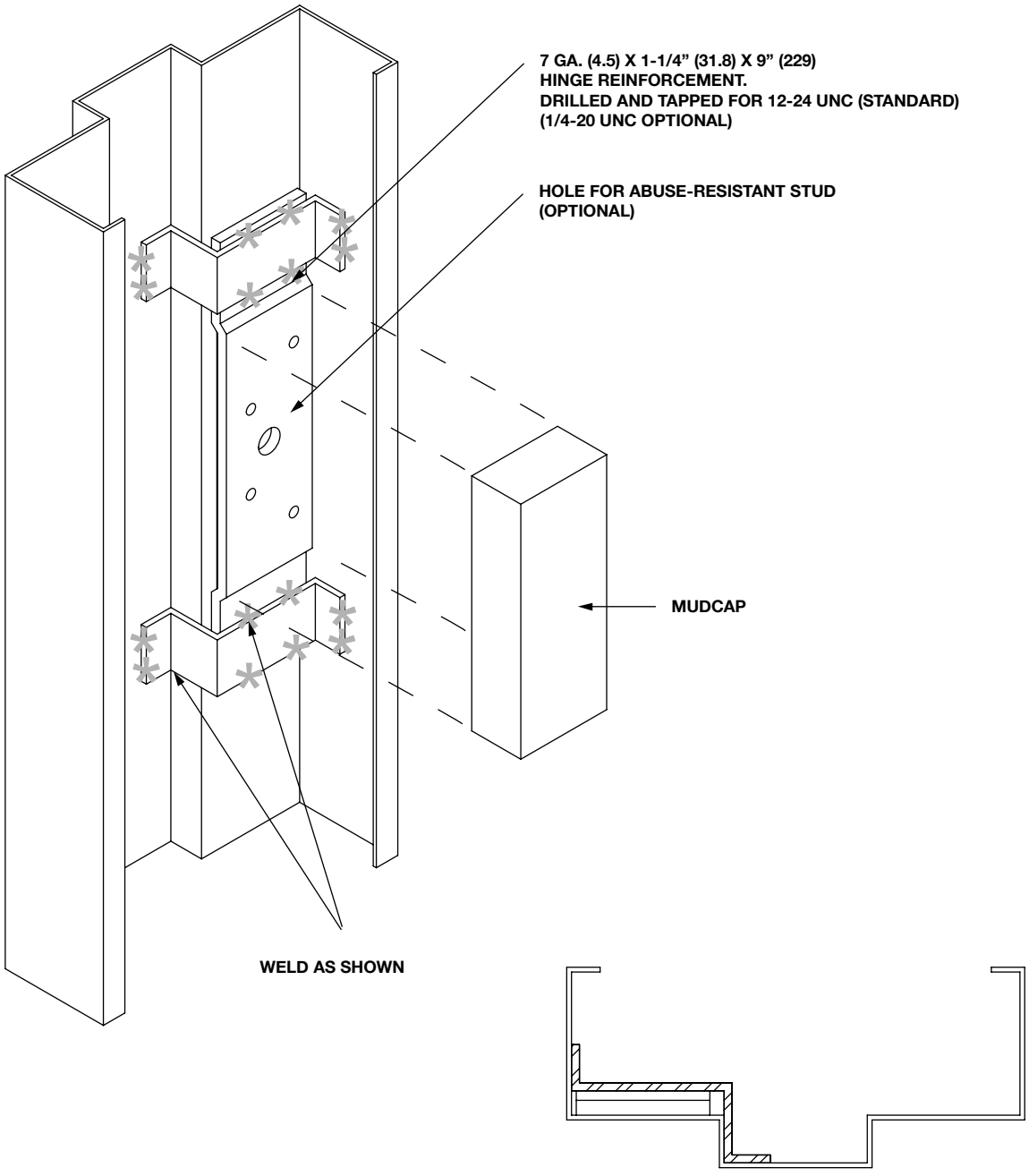
TYPICAL 4-1/2" ELECTRIC HINGE PREPARATION SHOWN FITS MANY ELECTRIC HINGES.
OTHER ELECTRIC HINGE PREPARATIONS WILL BE PREPARED PER THE HINGE TEMPLATE.

NOTE: ELECTRIFIED HINGE REINFORCEMENT AVAILABLE AS LOOSE PART #FH0300

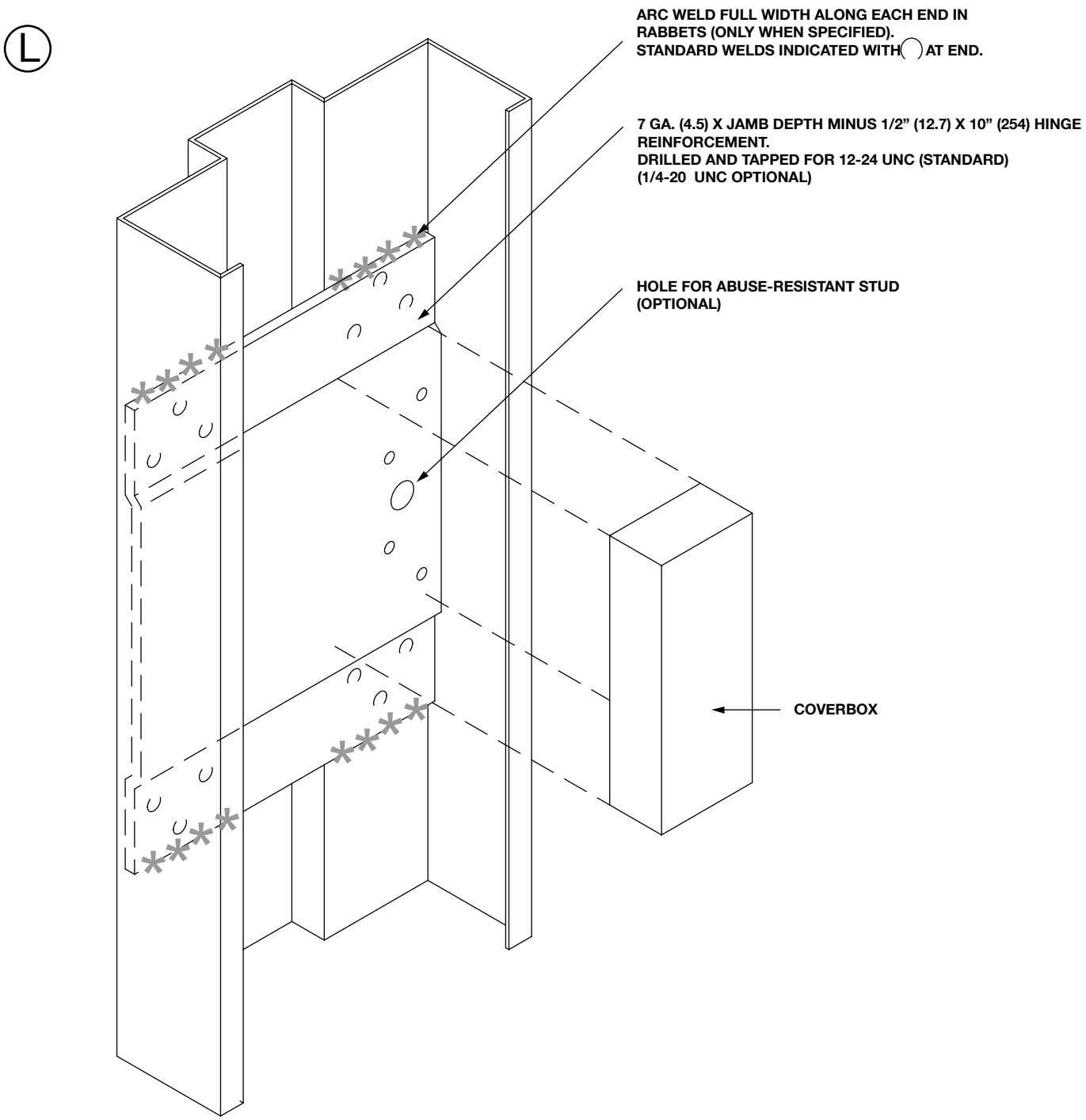
HFG HINGE STRAP REINFORCEMENT

HIGH FREQUENCY HINGE REINFORCEMENT STRAPS
14 GA. (2.0) REINFORCEMENT

Ⓛ



FULL WIDTH HINGE REINFORCEMENT



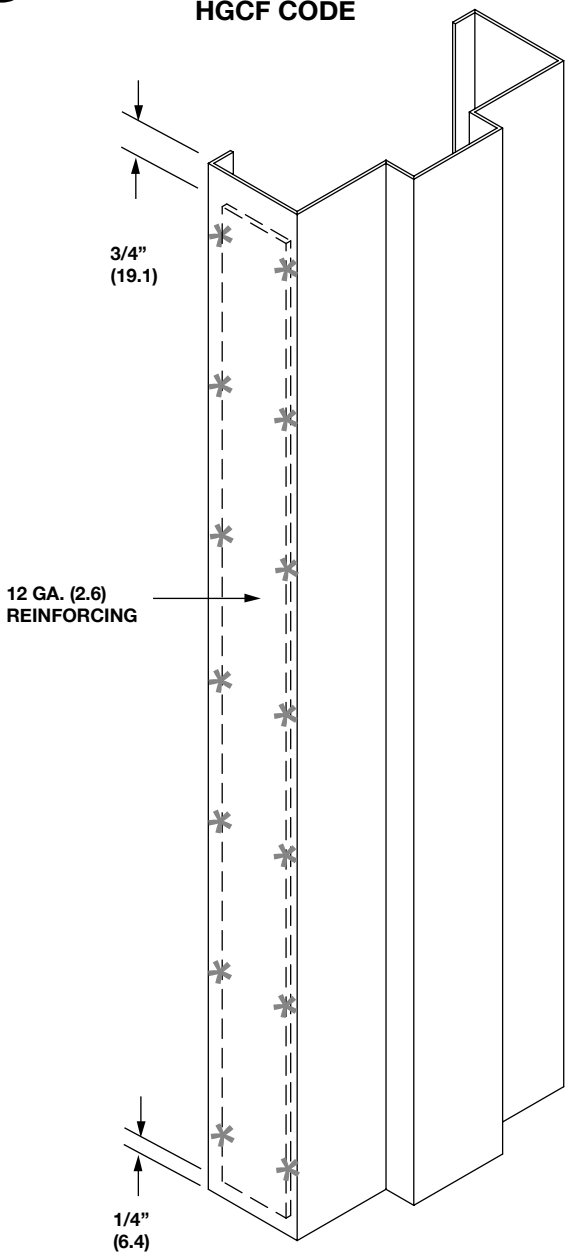
CONTINUOUS HINGE REINFORCEMENT

SURFACE MOUNTED TYPE

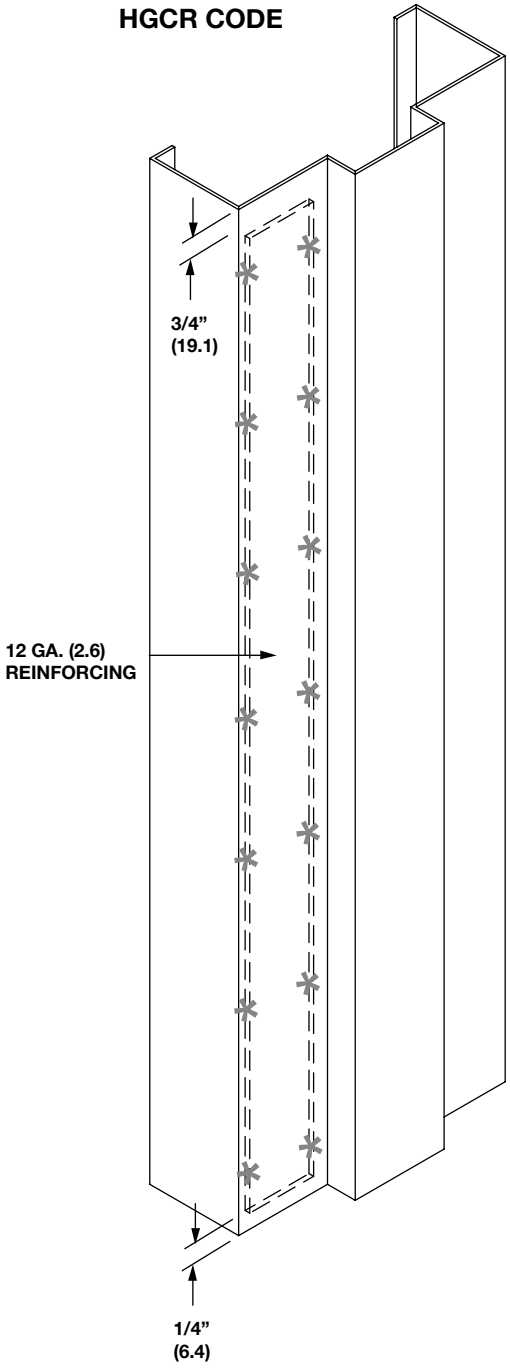
CONCEALED MOUNTED TYPE

Ⓛ

HGCF CODE

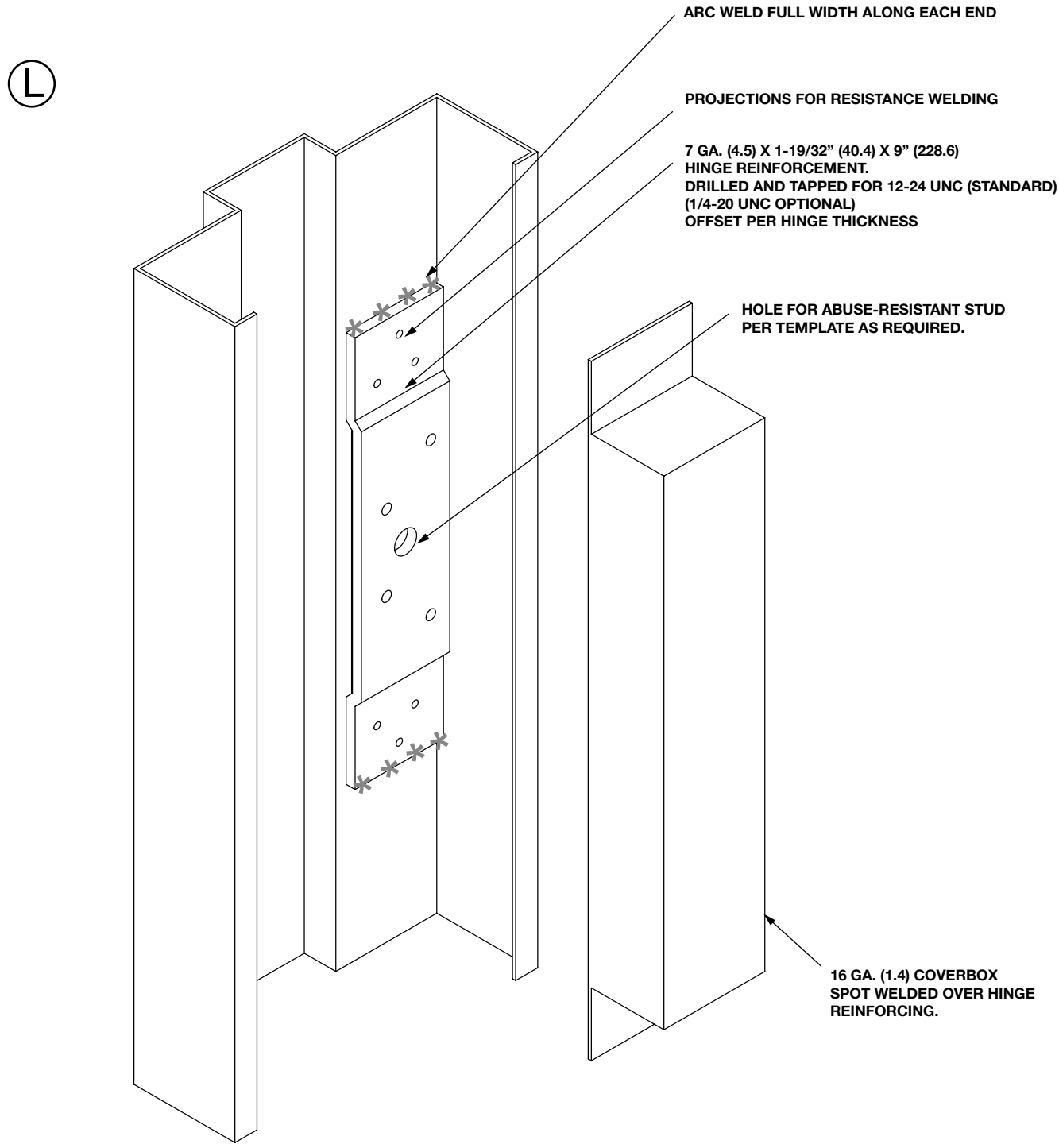


HGCR CODE

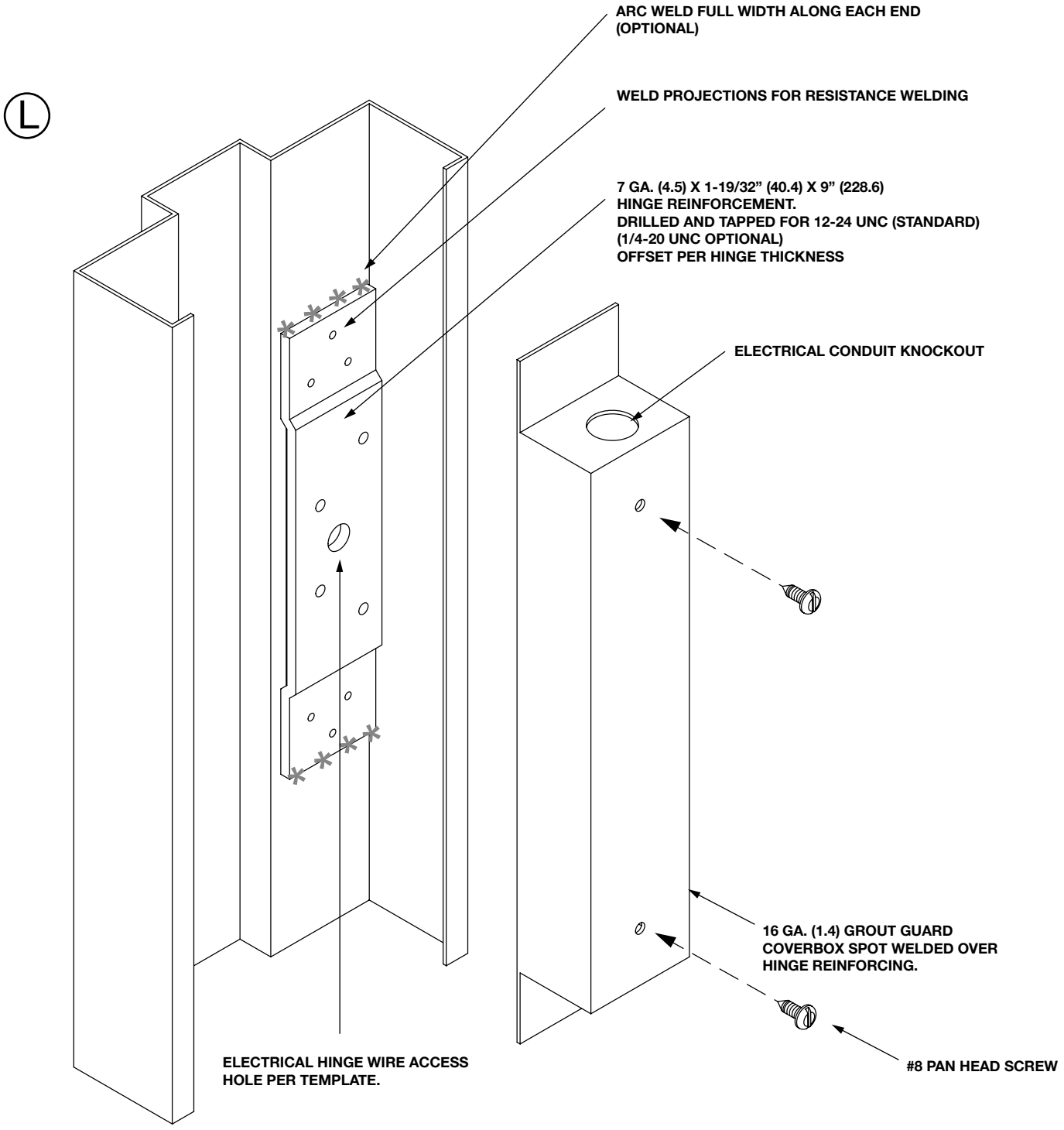


NOTE: HINGE MANUFACTURERS RECOMMEND REINFORCEMENTS ON 20, 18, 16 GAUGE FRAMES.

SECURITY HINGE AND GROUT GUARD



ELECTRIC HINGE AND GROUT GUARD

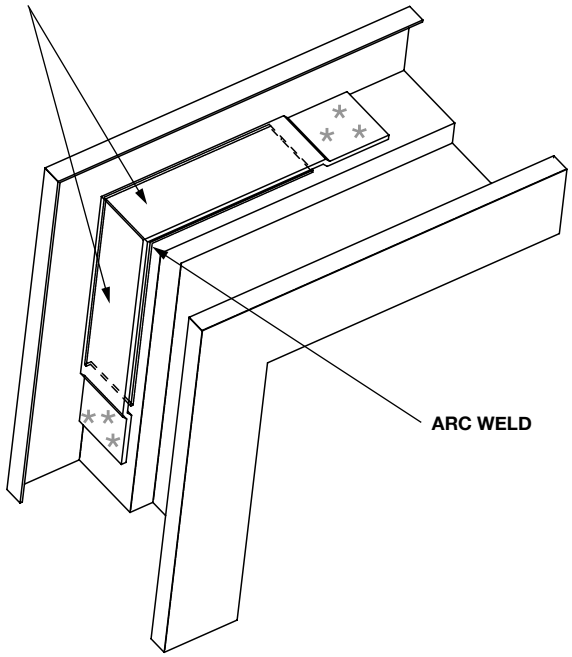


NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

HGA - ANCHOR HINGE PREPARATION

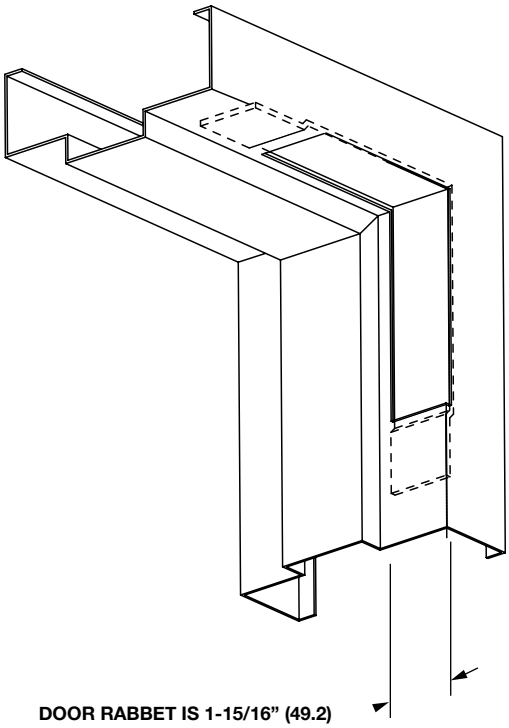
Ⓛ

7 GA. (4.5) HINGE REINF.



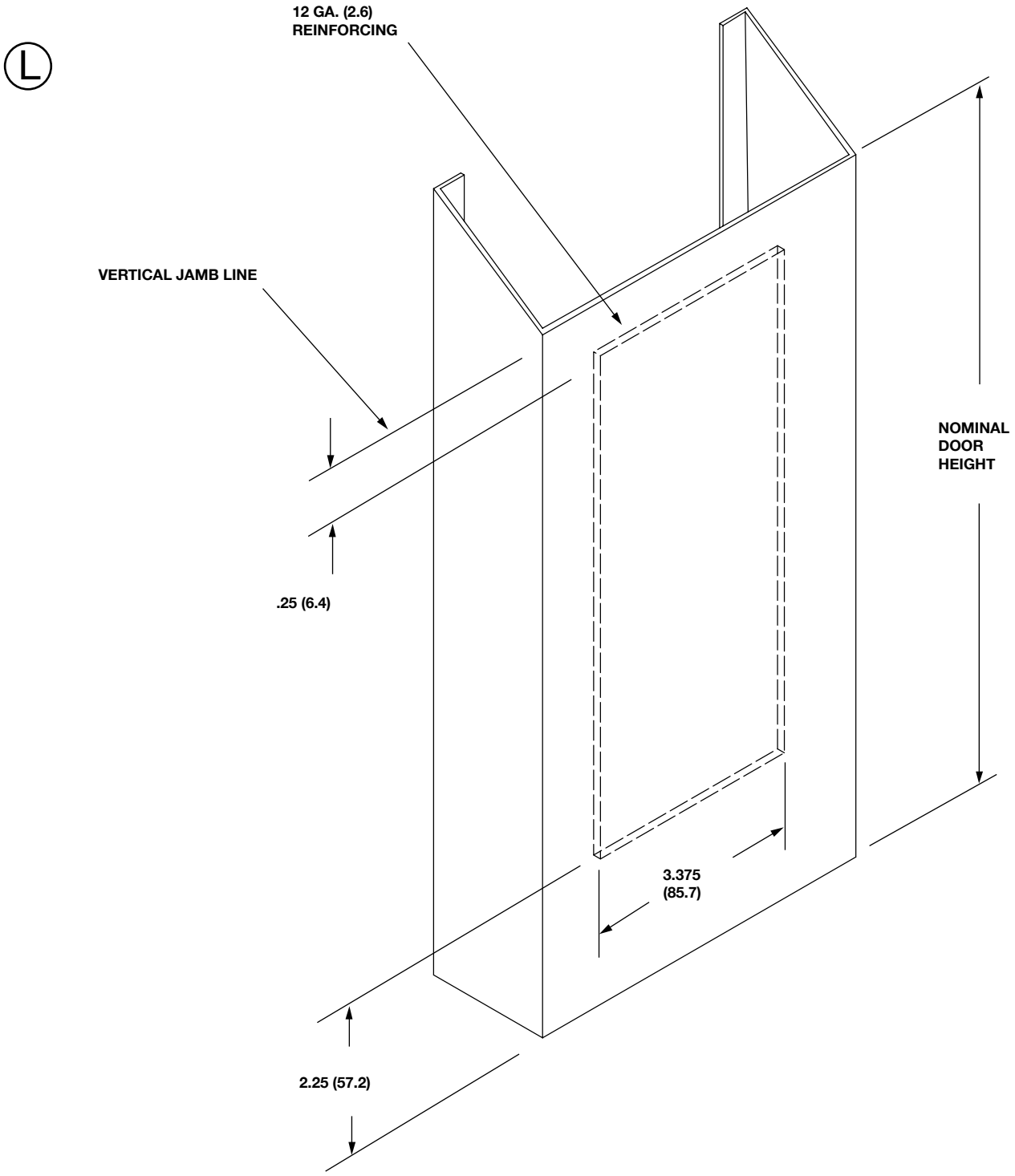
CURRIES DOES NOT DRILL AND TAP FOR HINGE SCREWS, UNLESS FRAME IS FACTORY WELDED AND PHYSICAL SAMPLES ARE PROVIDED.

IF FRAME IS STICK OR KD THE PARTS ARE SHIPPED LOOSE AND ARE NOT WELDED TOGETHER, DRILL AND TAP IN FIELD.



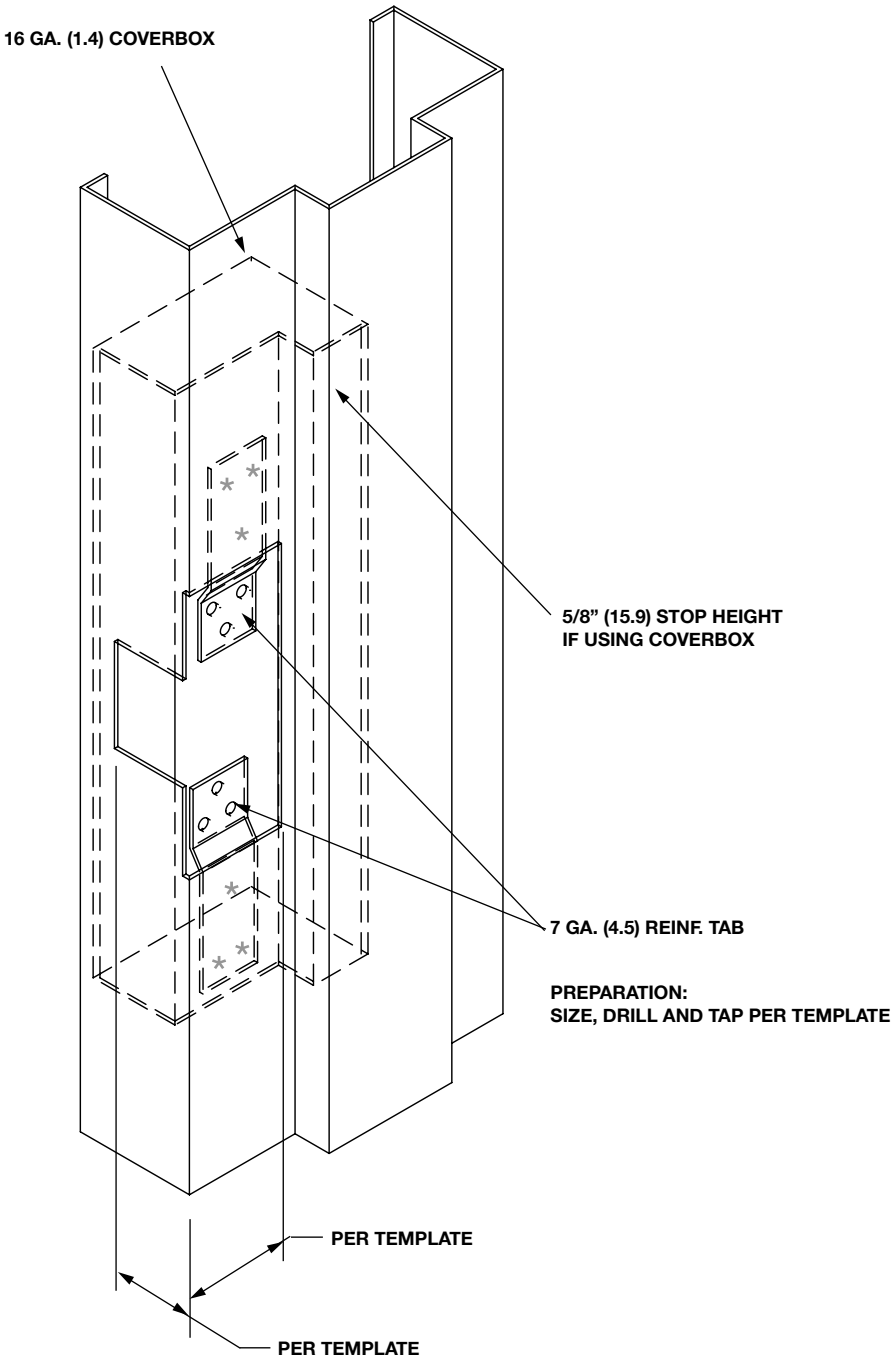
DOOR RABBET IS 1-15/16" (49.2)

HGD - HINGE - DOUBLE ACTING



POCKET PIVOT PREPARATION

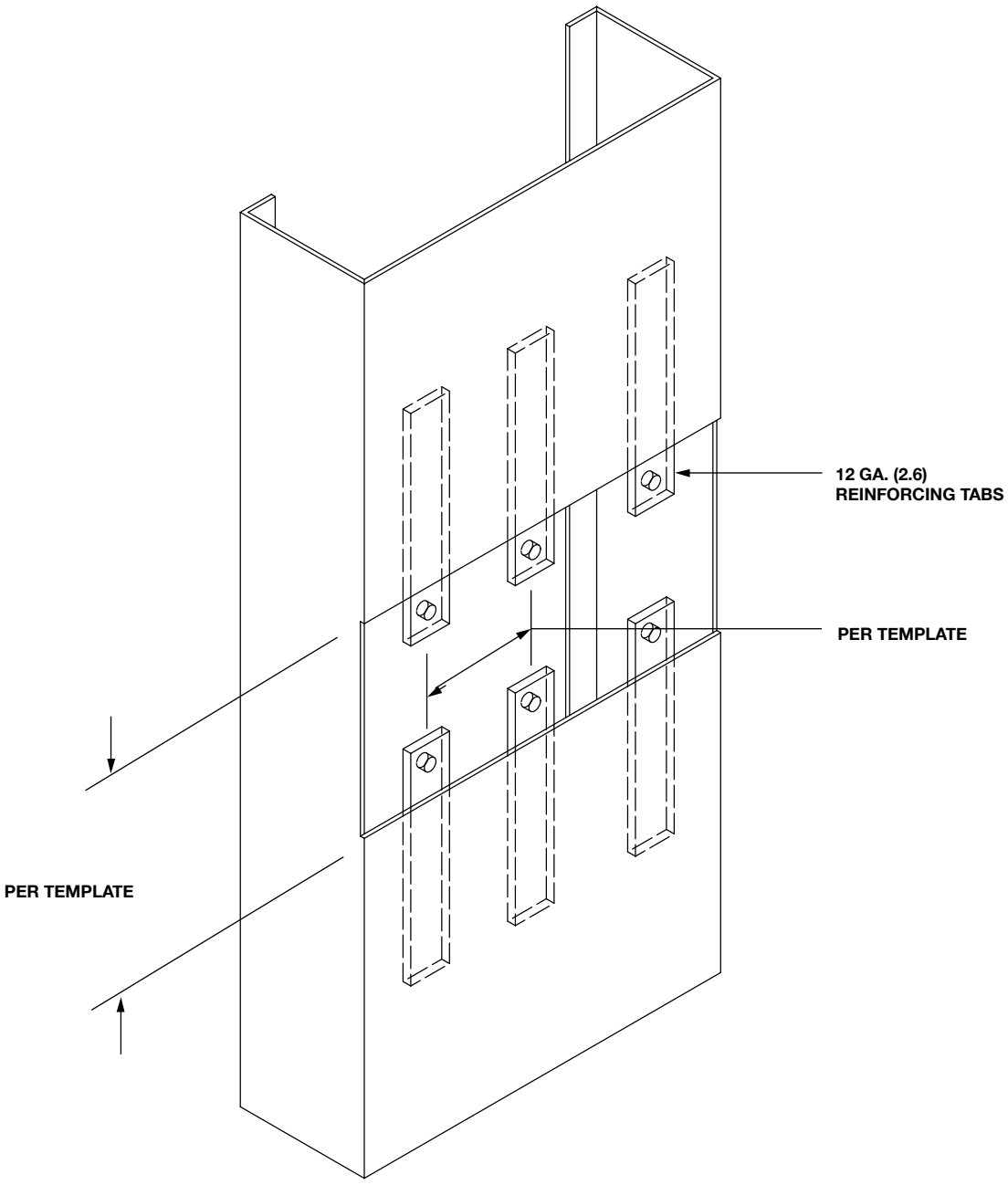
Ⓛ



NOTE: SOME POCKET PIVOTS REQUIRE FRAME FACE DIMENSIONS GREATER THAN 2" (50.8) - KD FRAMES NOT AVAILABLE OVER 2" FACE.

SDL - STRIKE - DOUBLE LIP

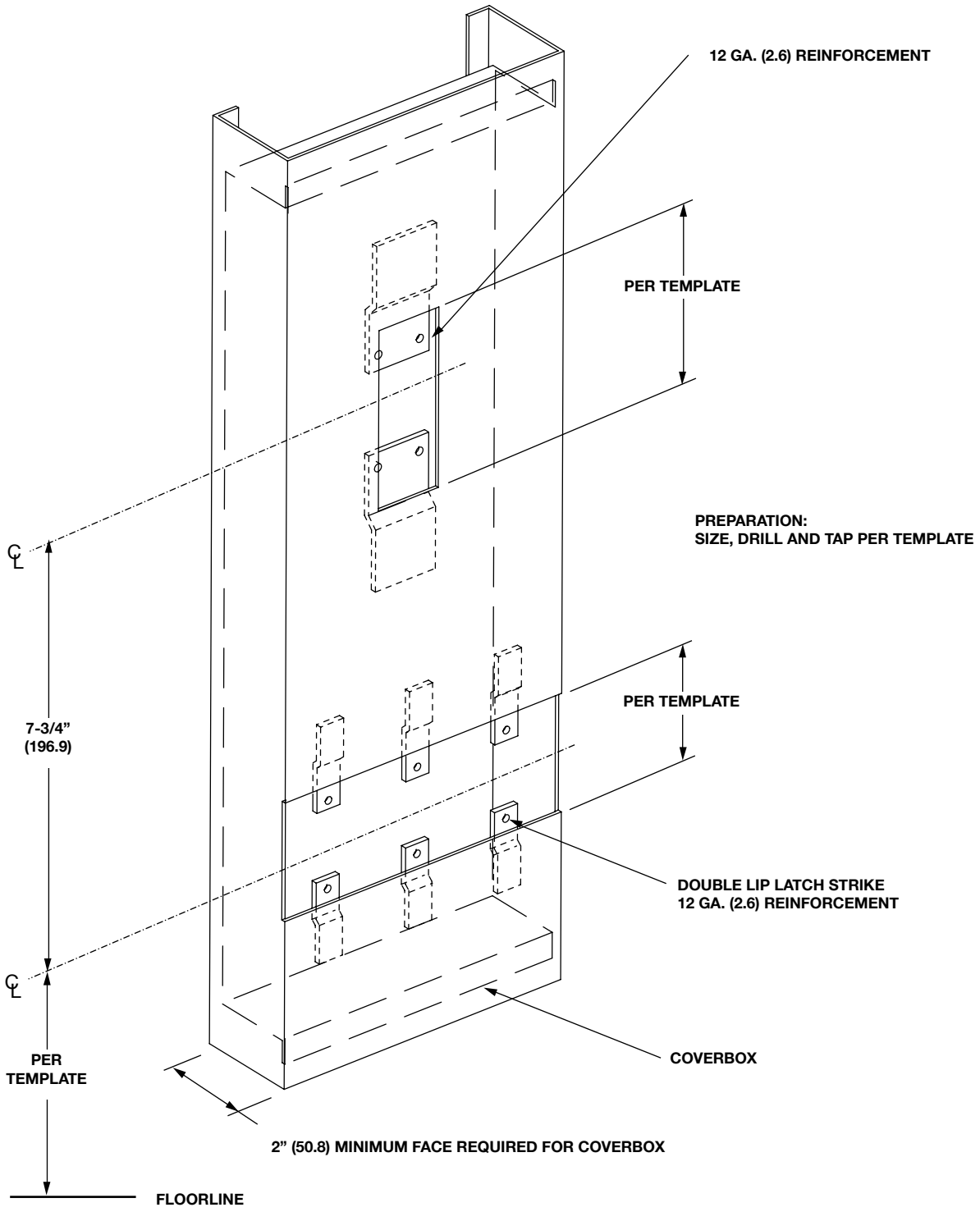
Ⓛ



NOTE: CONTACT FACTORY ON AVAILABILITY WHEN USED WITH "C" TYPE COMPRESSION ANCHOR KD FRAMES.

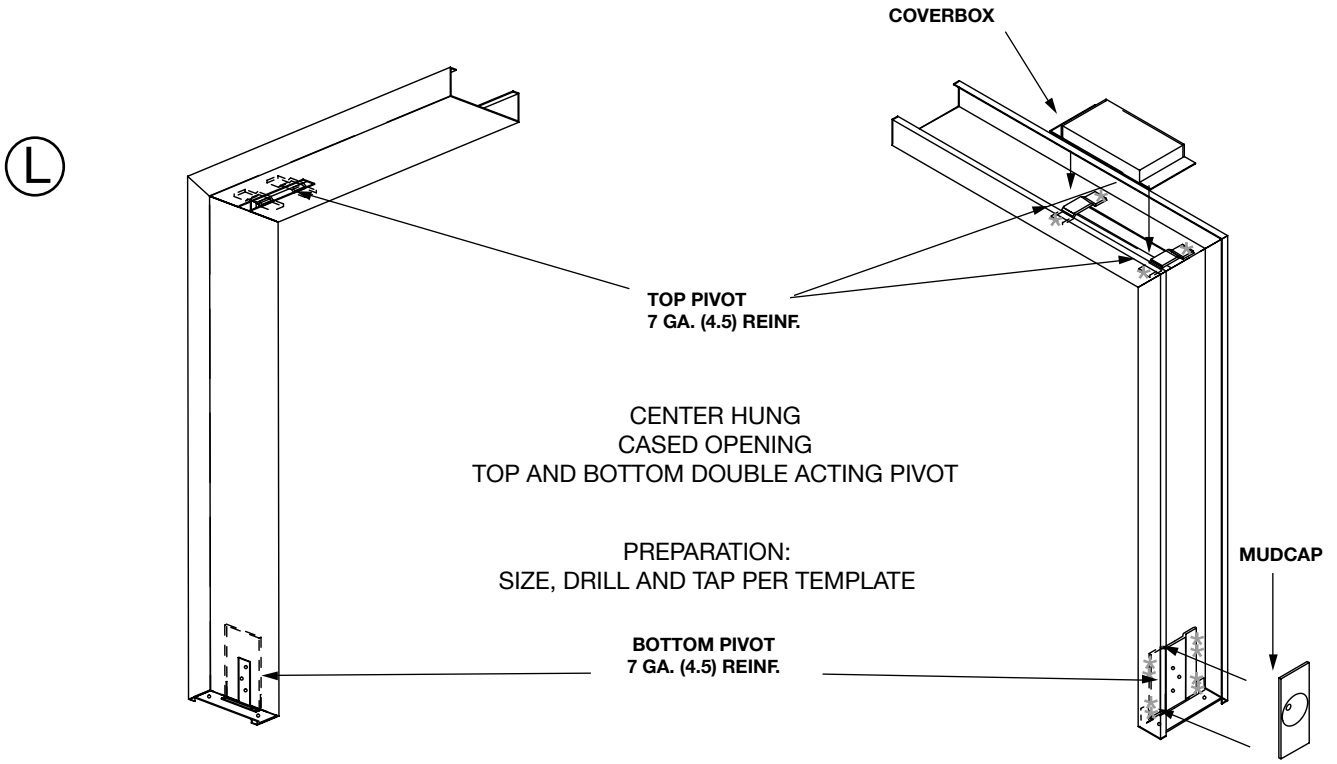
RESCUE HARDWARE FRAME

EMERGENCY STOP STRIKE SIDE



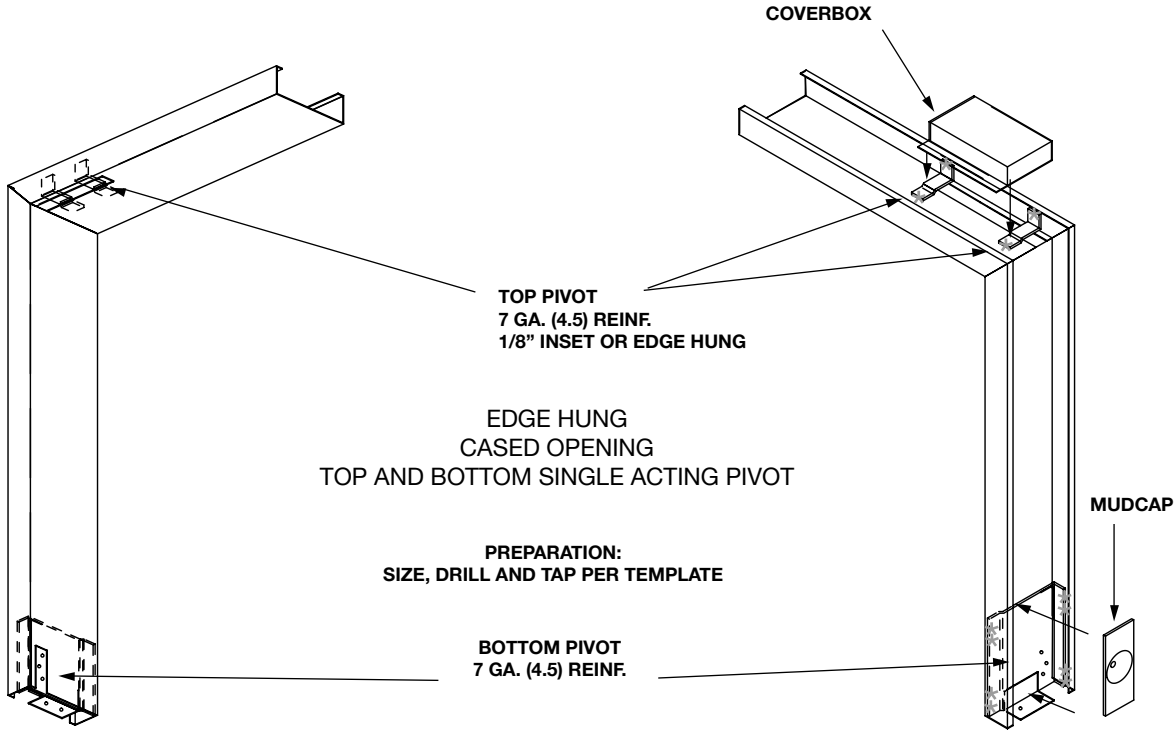
NOTE: CONTACT FACTORY ON AVAILABILITY WHEN USED WITH "C" TYPE COMPRESSION ANCHOR KD FRAMES.

FRAME PIVOTS - TOP, BOTTOM - CENTER HUNG



CENTER HUNG
CASED OPENING
TOP AND BOTTOM DOUBLE ACTING PIVOT

PREPARATION:
SIZE, DRILL AND TAP PER TEMPLATE



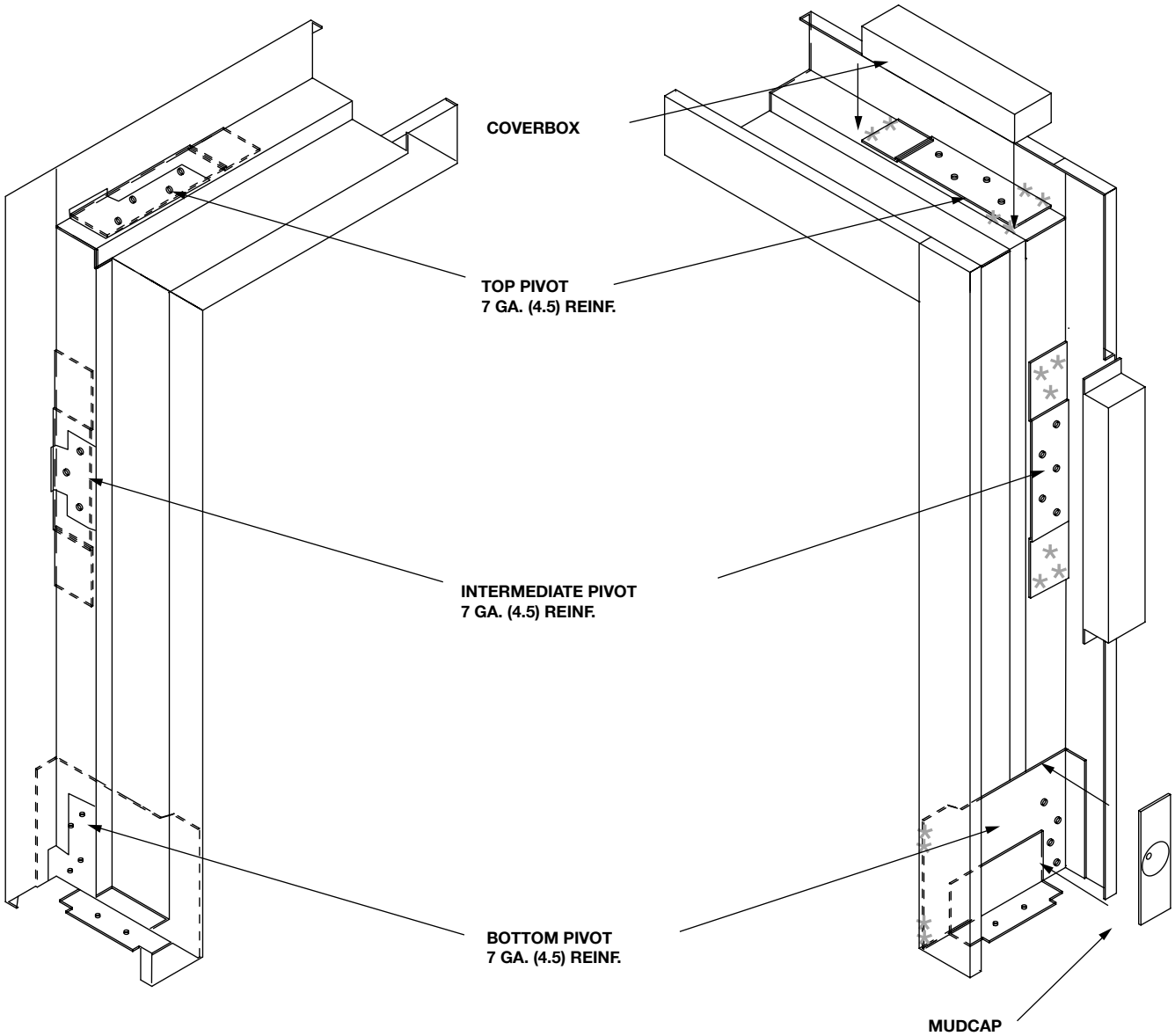
EDGE HUNG
CASED OPENING
TOP AND BOTTOM SINGLE ACTING PIVOT

EDGE HUNG

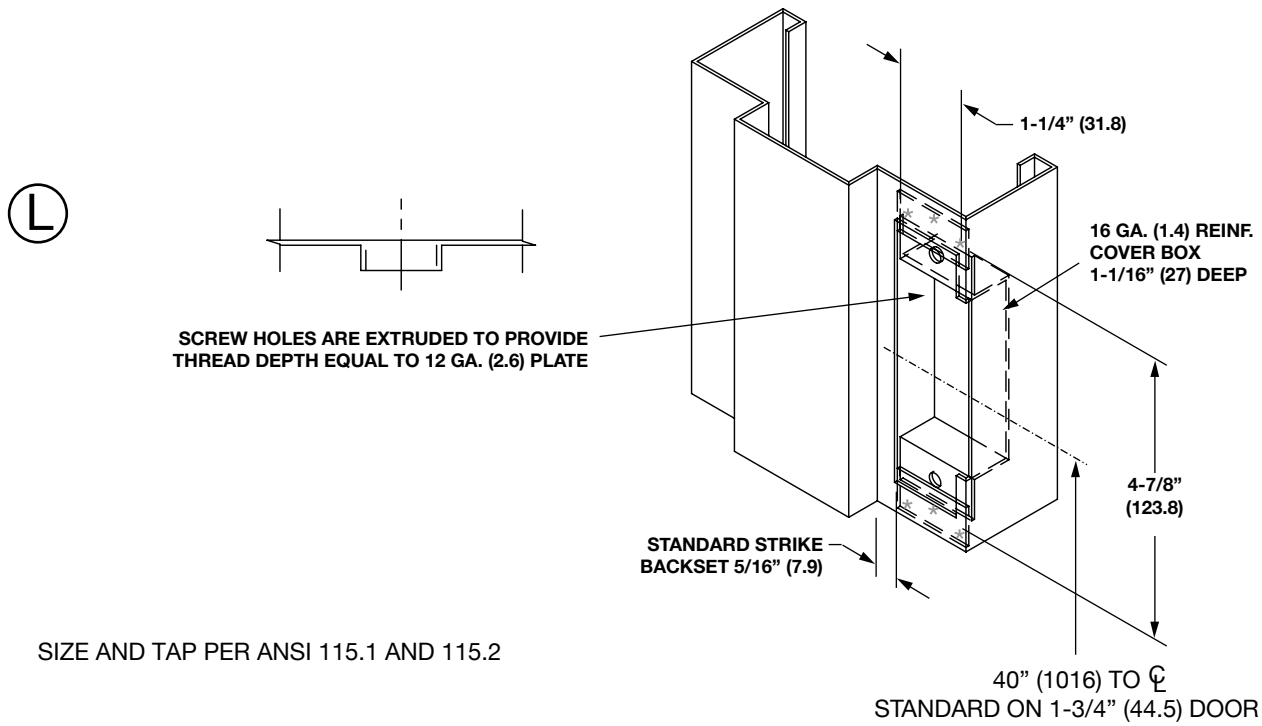
NOTE: NOT ALL BOTTOM PIVOTS REQUIRE A FRAME PREP.

FRAME PIVOTS - TOP, INTERMEDIATE, BOTTOM - SINGLE ACTING

Ⓛ

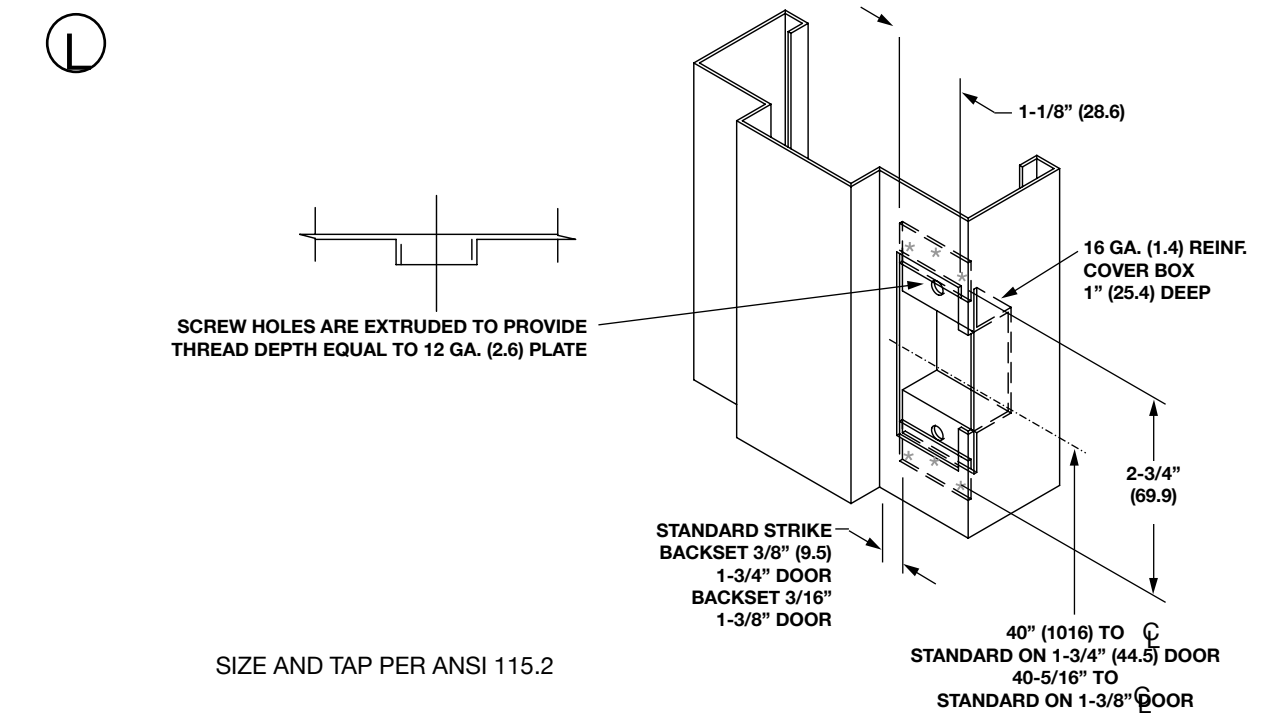


E1 STRIKE REINF. (ANSI A115) 1-1/4” X 4-7/8”



SIZE AND TAP PER ANSI 115.1 AND 115.2

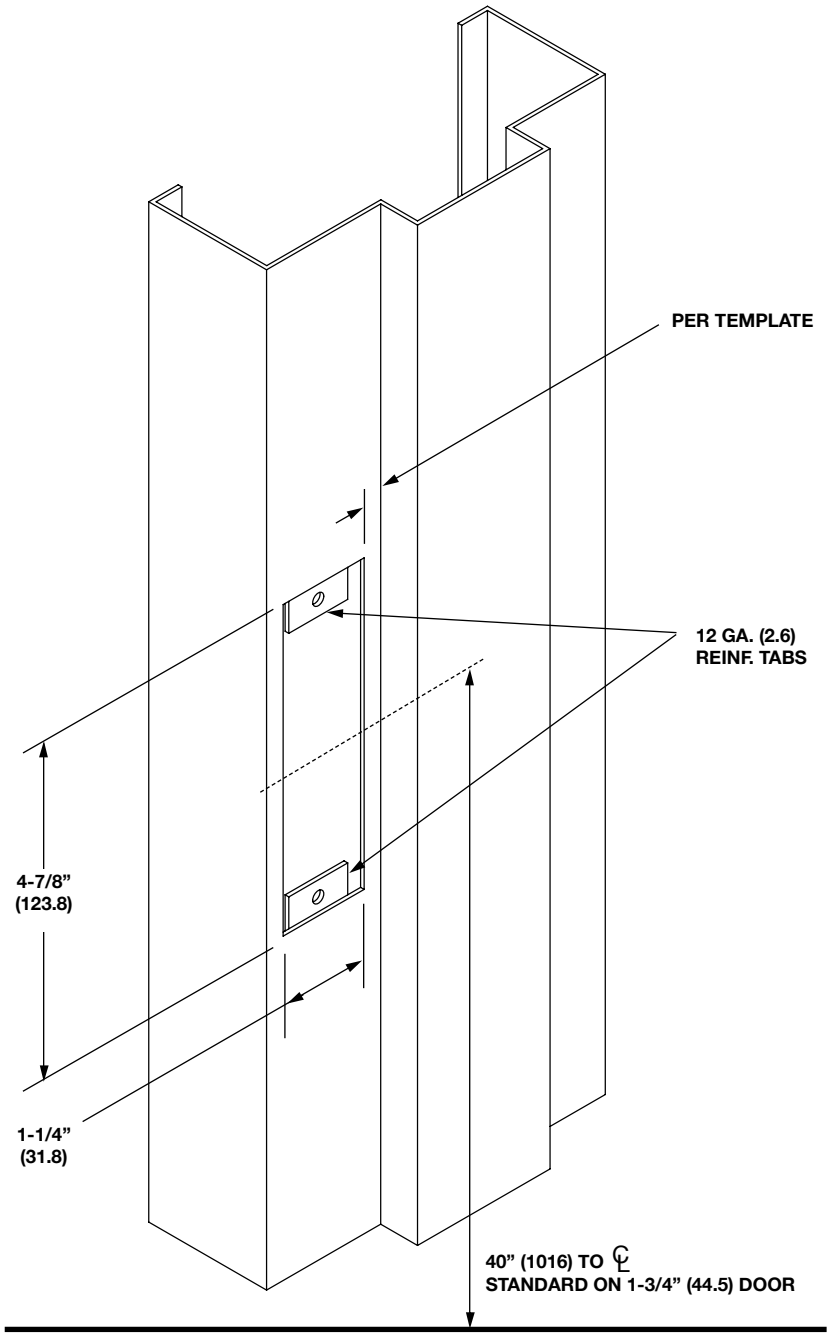
E2 STRIKE REINF. (ANSI A115) 1-1/8” X 2-3/4”



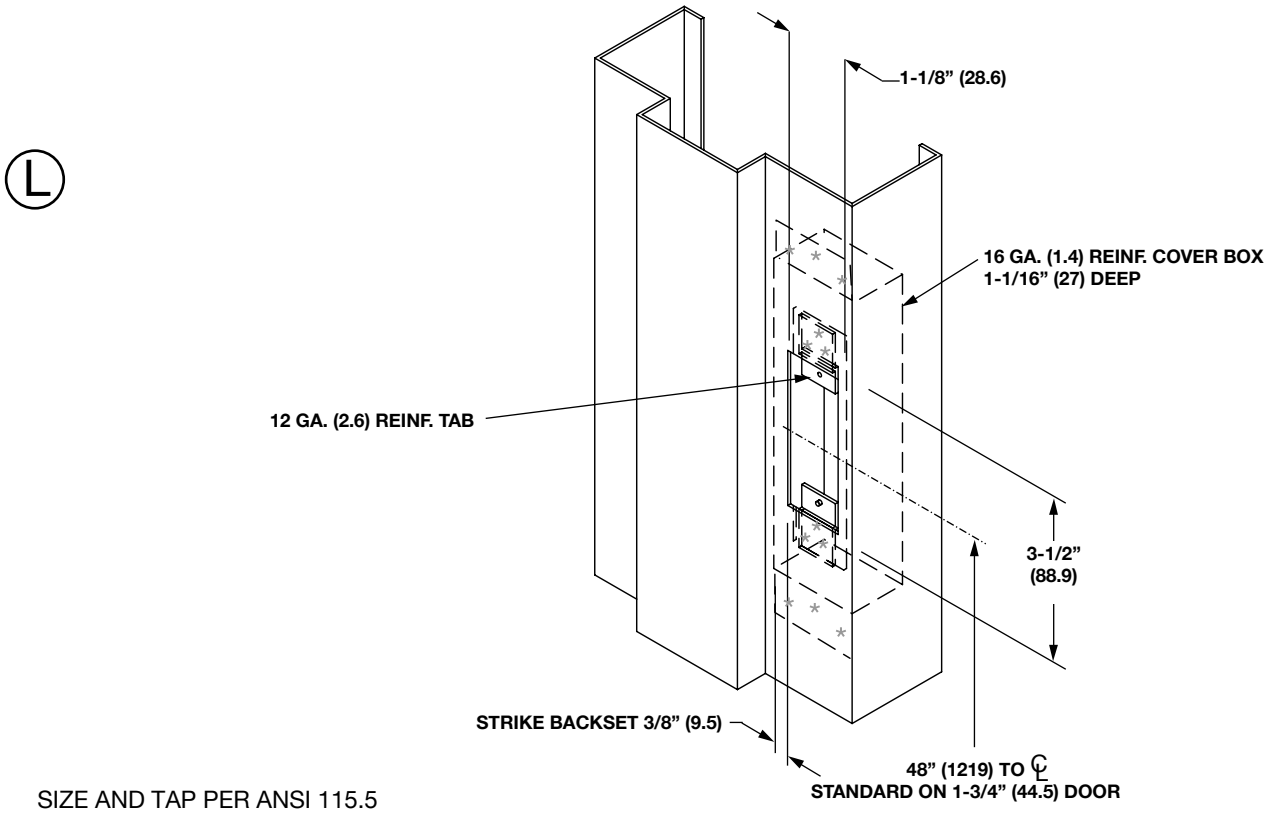
SIZE AND TAP PER ANSI 115.2

E1B - STRIKE REINF. 1-1/4” X 4-7/8” NO LIP

Ⓛ

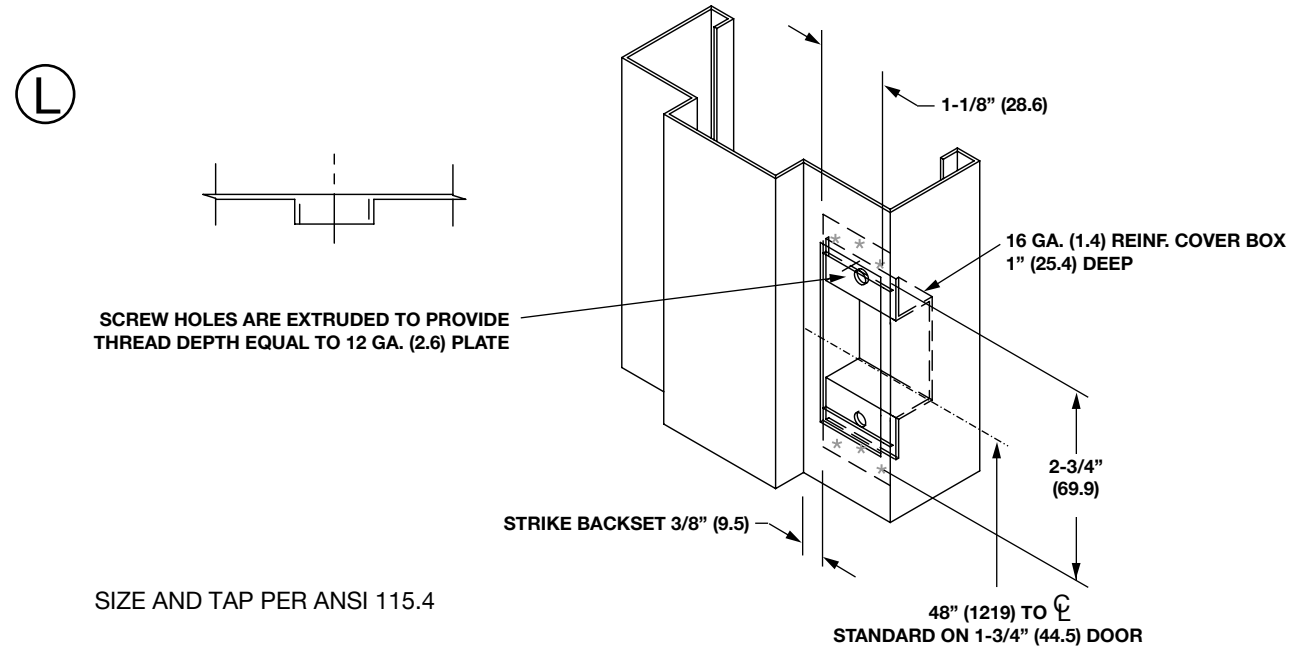


E3 DEADLOCK STRIKE REINF. (ANSI/A115) 1-1/8” X 3-1/2”



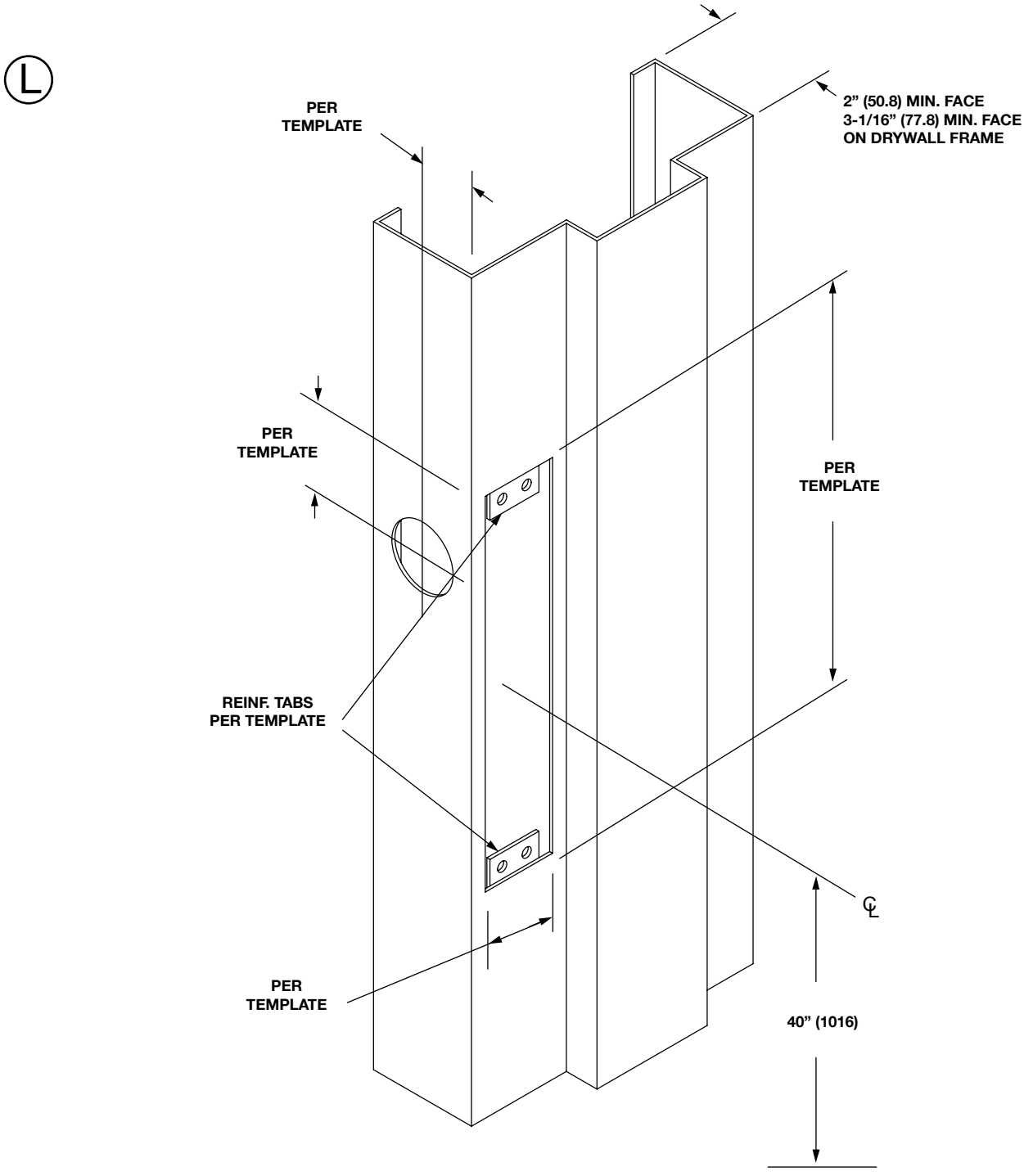
SIZE AND TAP PER ANSI 115.5

E4 DEADLOCK STRIKE REINF. (ANSI/A115) 1-1/8” X 2-3/4” NO LIP

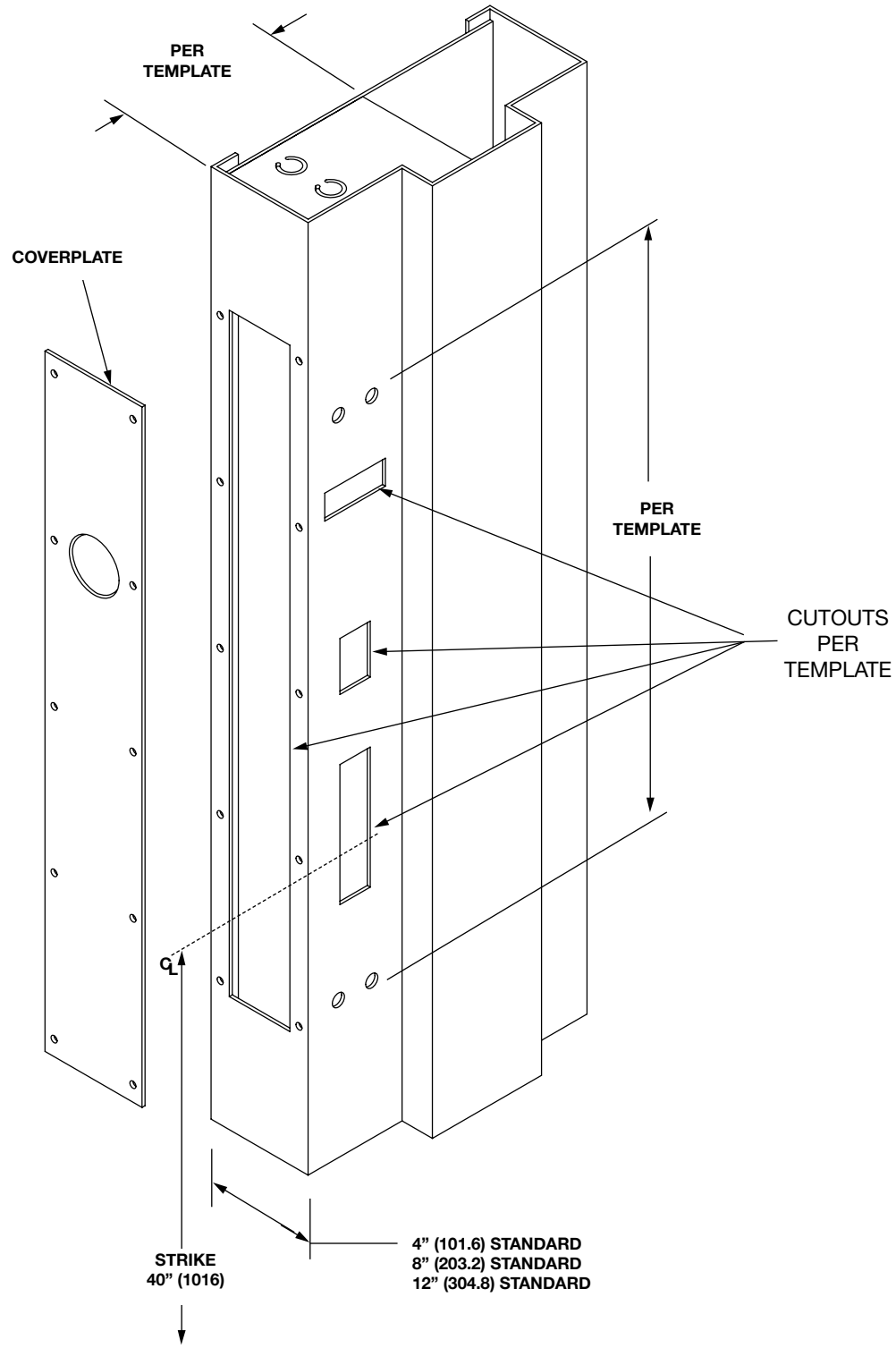


SIZE AND TAP PER ANSI 115.4

EJ2 - JAMB LOCK 2” (50.8) FACE

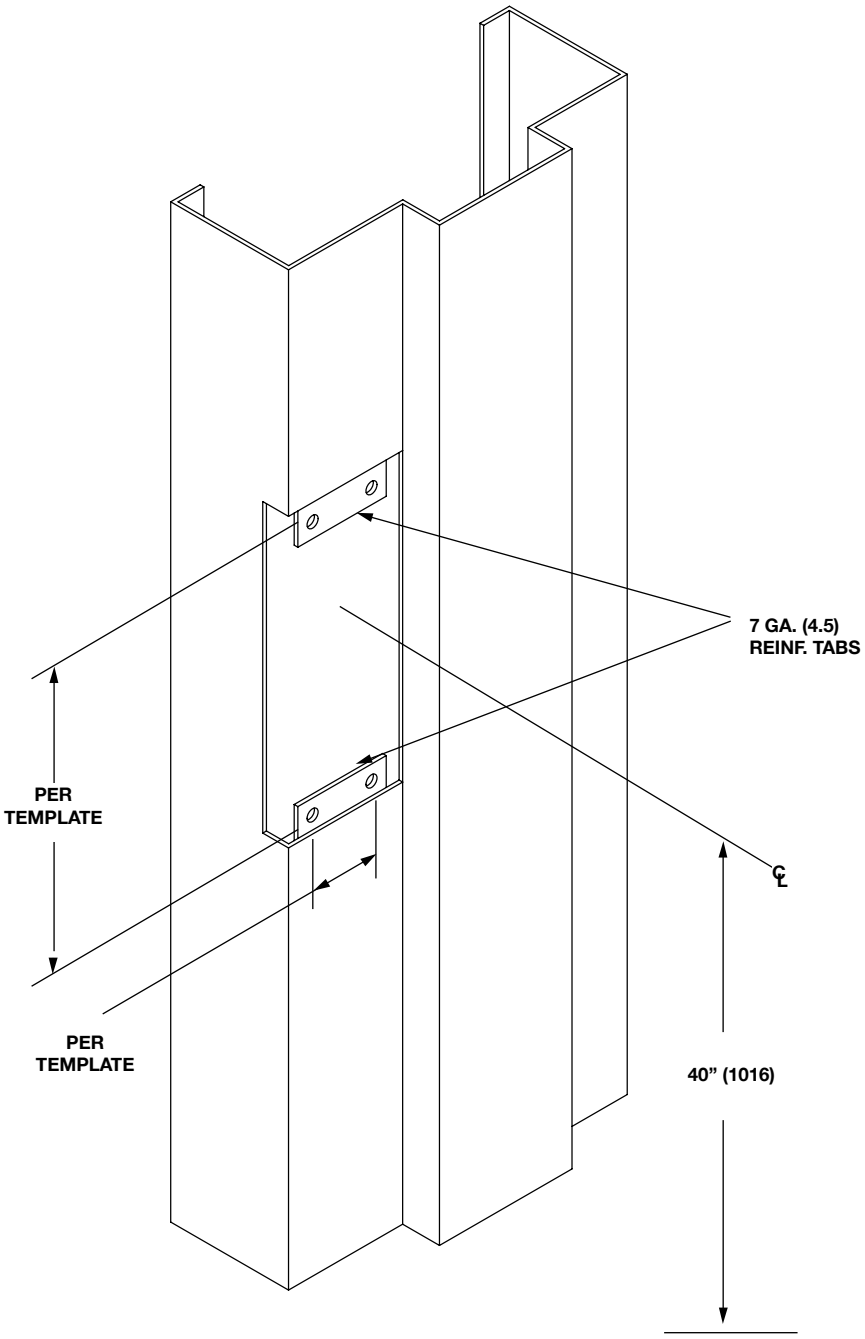


EJ4, EJ8, EJ12 - JAMB LOCK



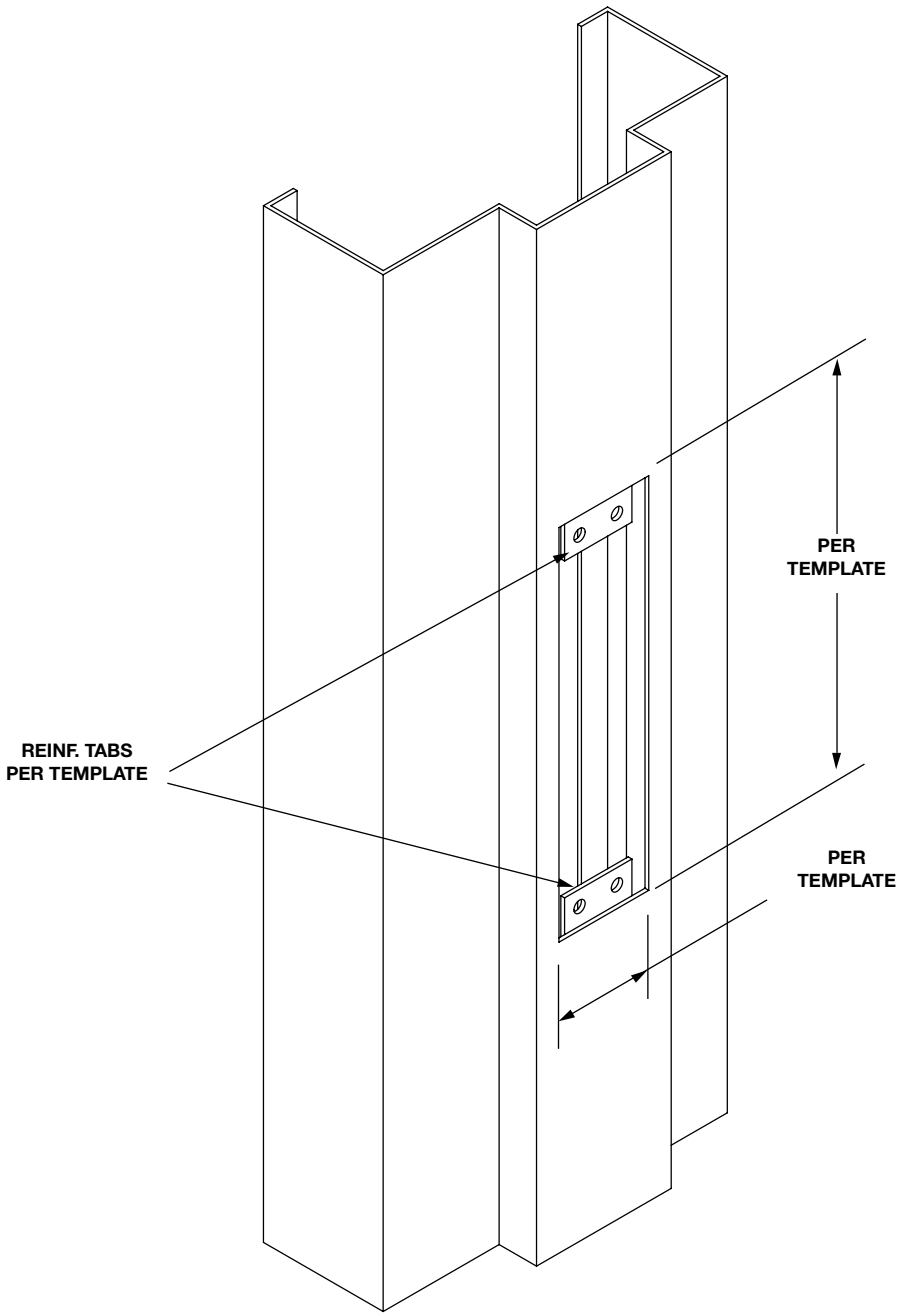
E30 - STRIKE - POCKET LOCK

Ⓛ



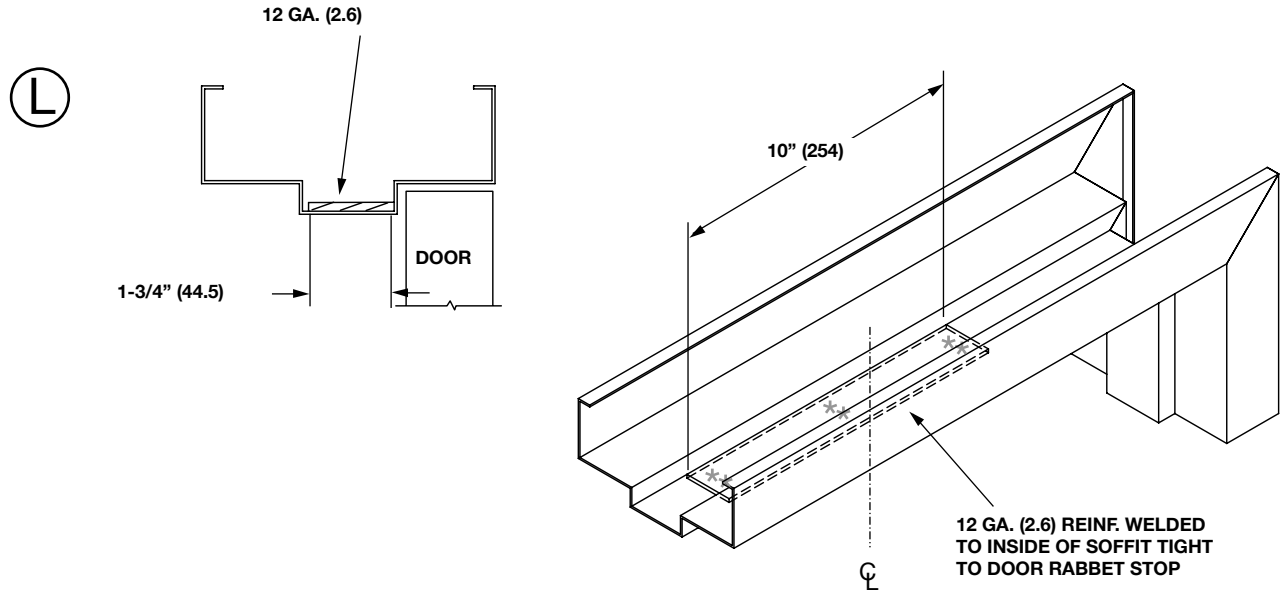
MAG - MAGNETIC LOCK

Ⓛ



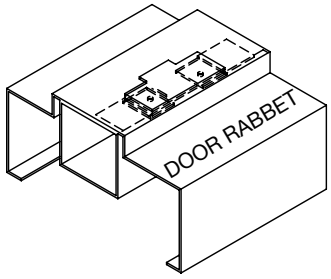
E5 RIM VERTICAL ROD SURFACE STRIKE REINF.

E5 REINFORCING IS LOCATED ON CENTERLINE OF HEAD FOR PAIR FRAMES
AND ADJACENT TO STRIKE JAMB ON SINGLE SWING FRAMES.

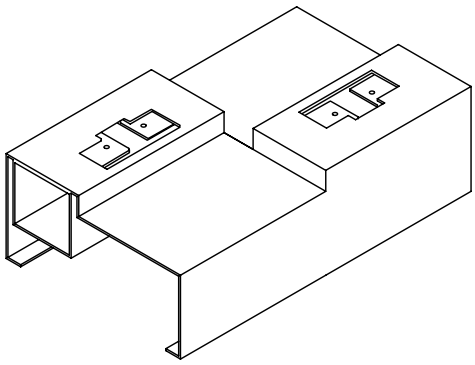


G20 VERTICAL ROD EXIT MORTISE STRIKE PREPARATION

L



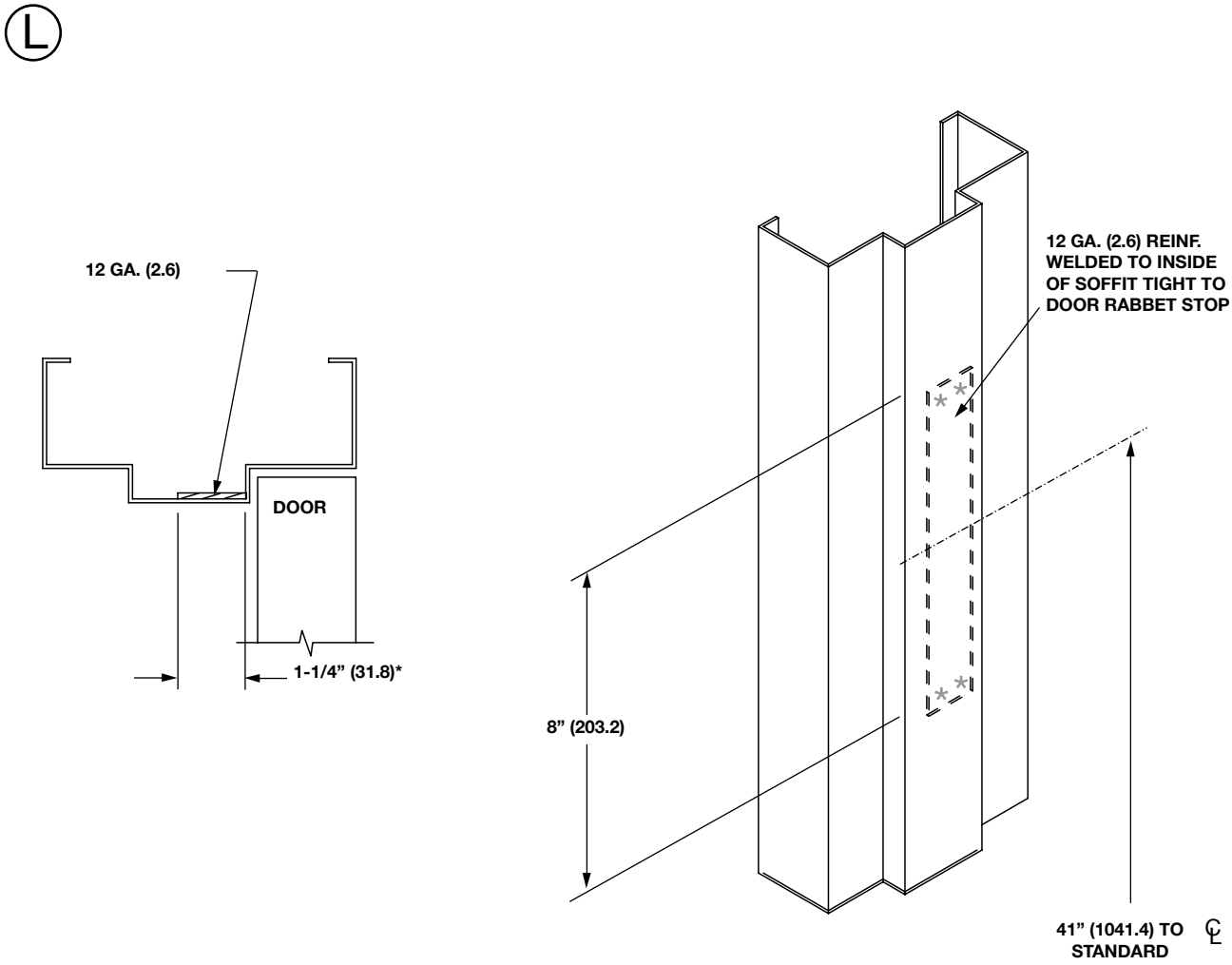
HEADS



G20 PREPARED FOR MORTISE STRIKES PER
TEMPLATE OF HARDWARE MANUFACTURER

SPECIFY EXIT DEVICE AND STRIKE BEING USED WHEN ORDERING

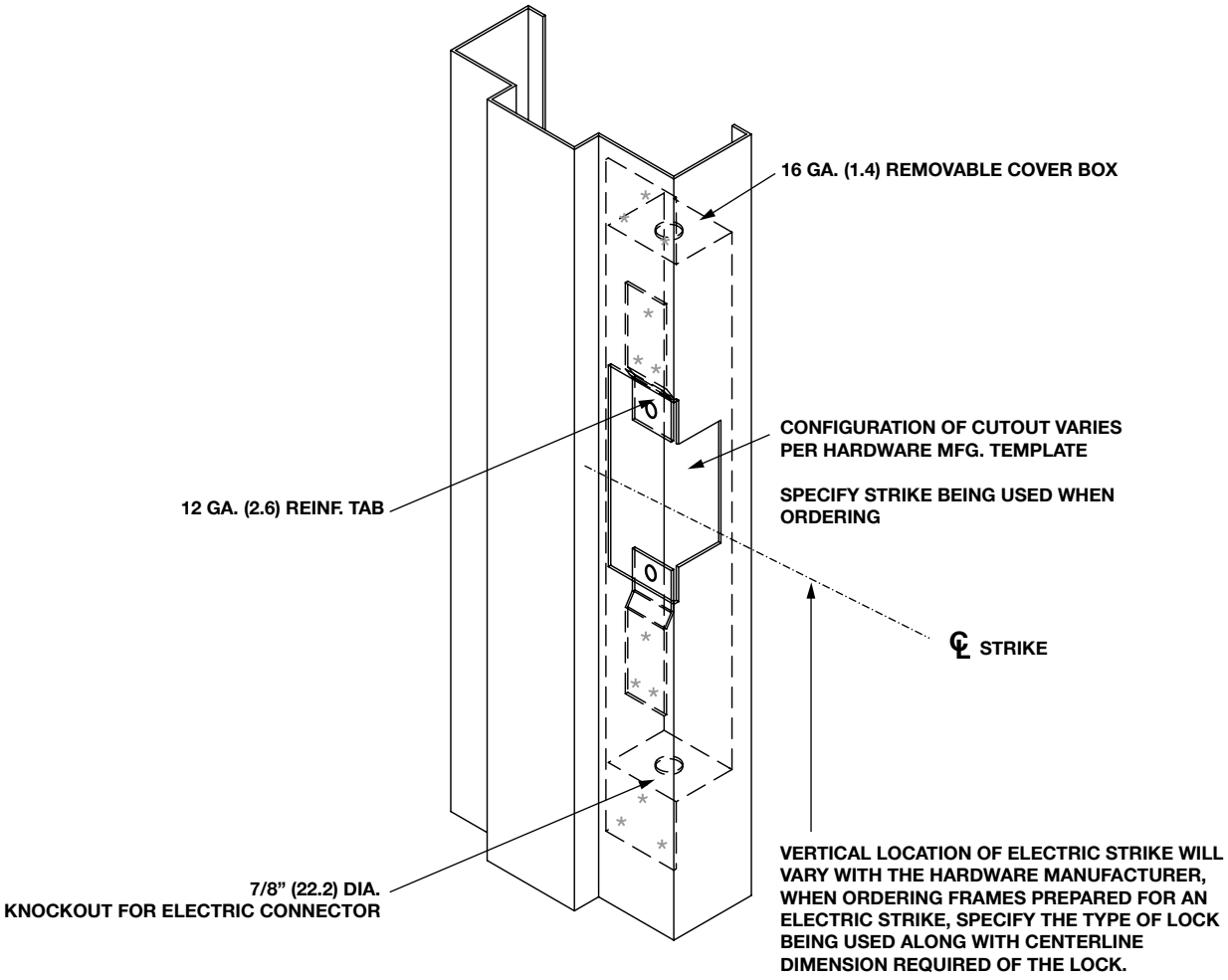
E8 RIM EXIT REINFORCEMENT



** THE REINFORCEMENT WIDTH WILL BE EQUAL TO THE SOFFIT WIDTH WHEN LESS THAN 1-1/4" (31.8). CUSTOMER SHOULD VERIFY HARDWARE COMPATIBILITY BEFORE ORDERING NARROW SOFFITS.*

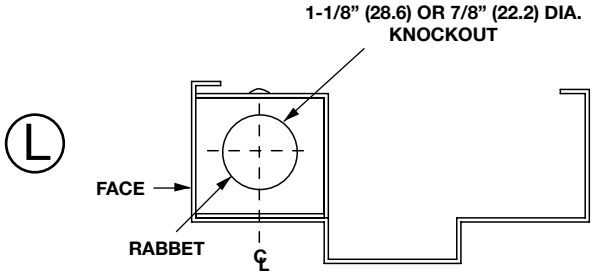
E9 ELECTRIC STRIKES

Ⓛ

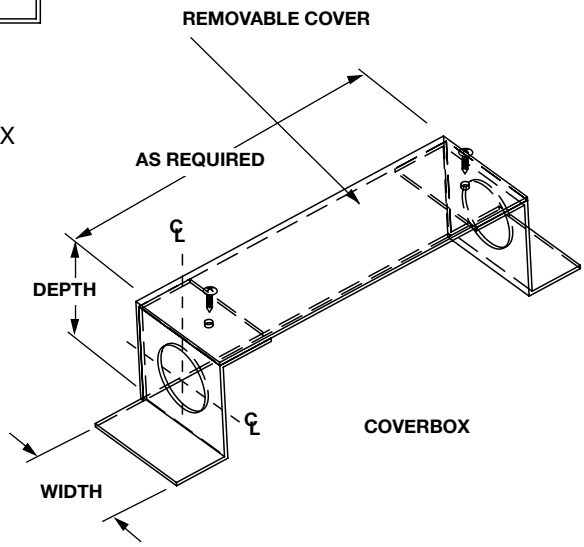


NOTE: FIRE RATED FRAMES INCORPORATING AN ELECTRIC STRIKE WITH A COVERBOX, REQUIRE THAT THE WALL BOARD PENETRATE THE THROAT OF THE FRAME BY 1/2" (12.7) MINIMUM. ELECTRIC STRIKE MUST BE LISTED FOR USE WITH FIRE RATED OPENINGS.

CONDUIT - COVERBOX CLEARANCE DIMENSIONS



END VIEW OF FRAME AND COVERBOX

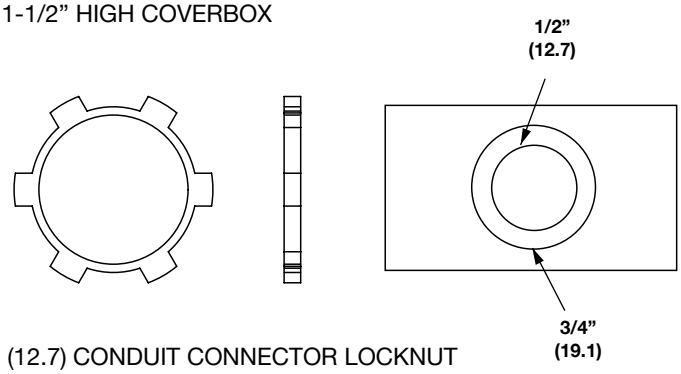


1/2" CONDUIT CONNECTORS ARE FOR 7/8" KNOCKOUT / 1-1/8" HIGH COVERBOX
3/4" CONDUIT CONNECTORS ARE FOR 1-1/8" KNOCKOUT / 1-1/2" HIGH COVERBOX

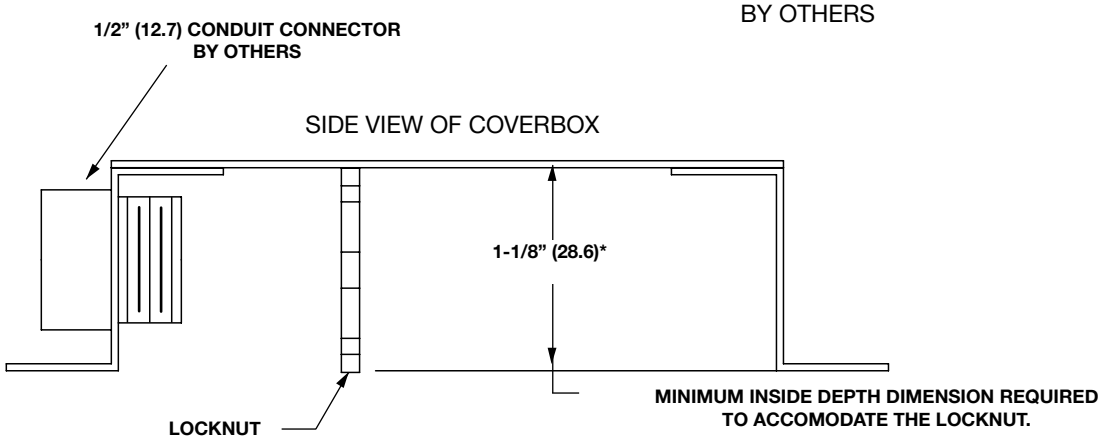
DOUBLE KNOCKOUT FOR 1/2" AND 3/4"

CONDUIT CONNECTORS ARE FOR THE 1-1/2" HIGH COVER BOX ONLY

1-1/8" HIGH COVERBOX HAS 7/8" KNOCKOUT ONLY FOR 1/2" CONDUIT CONNECTOR



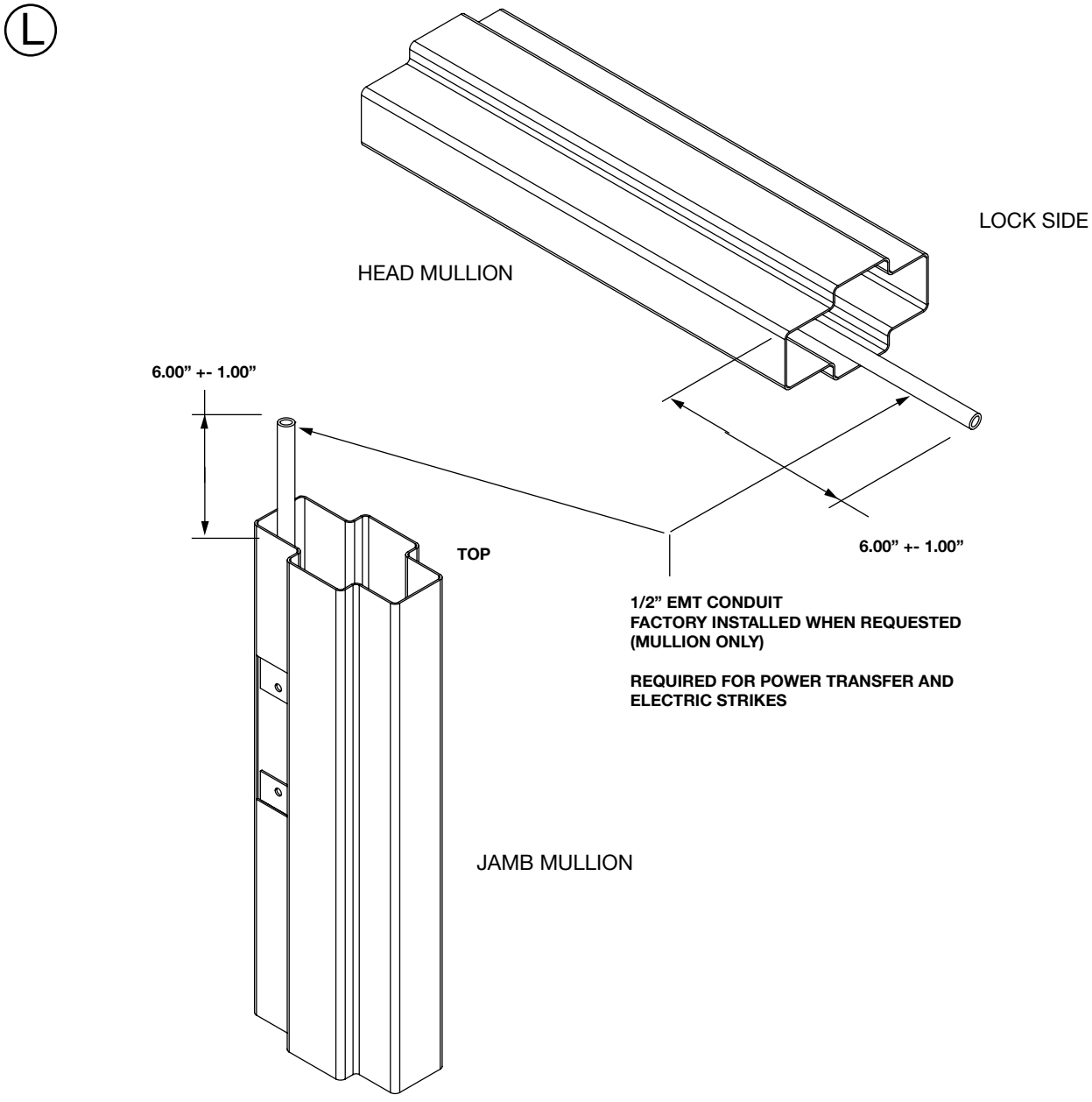
1/2" (12.7) CONDUIT CONNECTOR LOCKNUT
BY OTHERS



SIDE VIEW OF COVERBOX

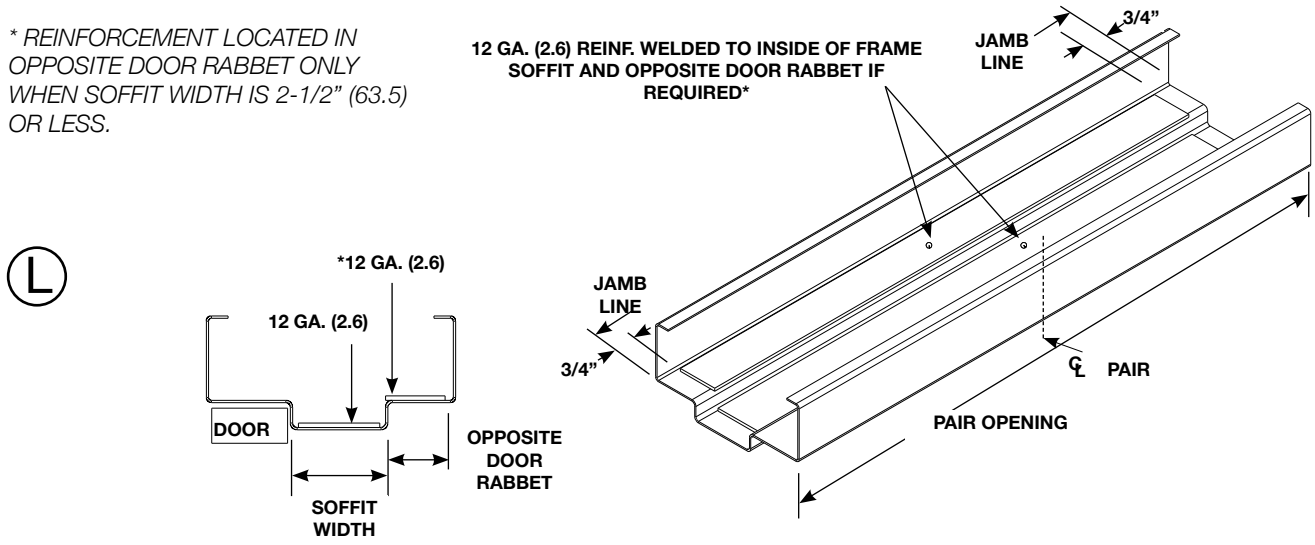
*1-1/2" (38.1) FOR 3/4" CONDUIT CONNECTOR

CONDUIT PREPARATION (RW-3)

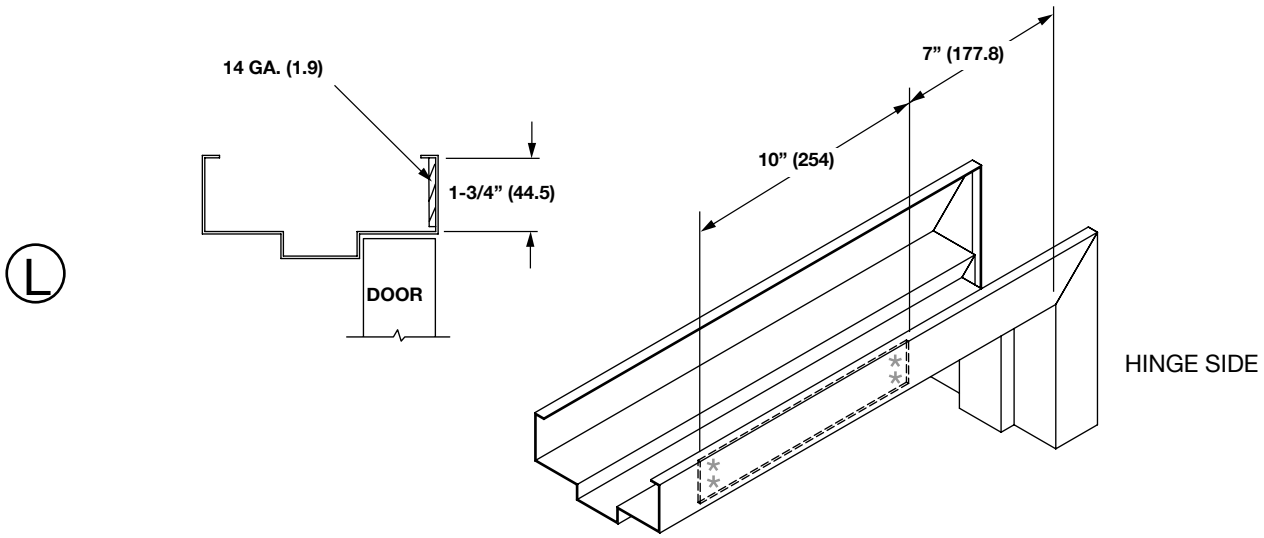


G23 COORDINATOR REINFORCEMENT

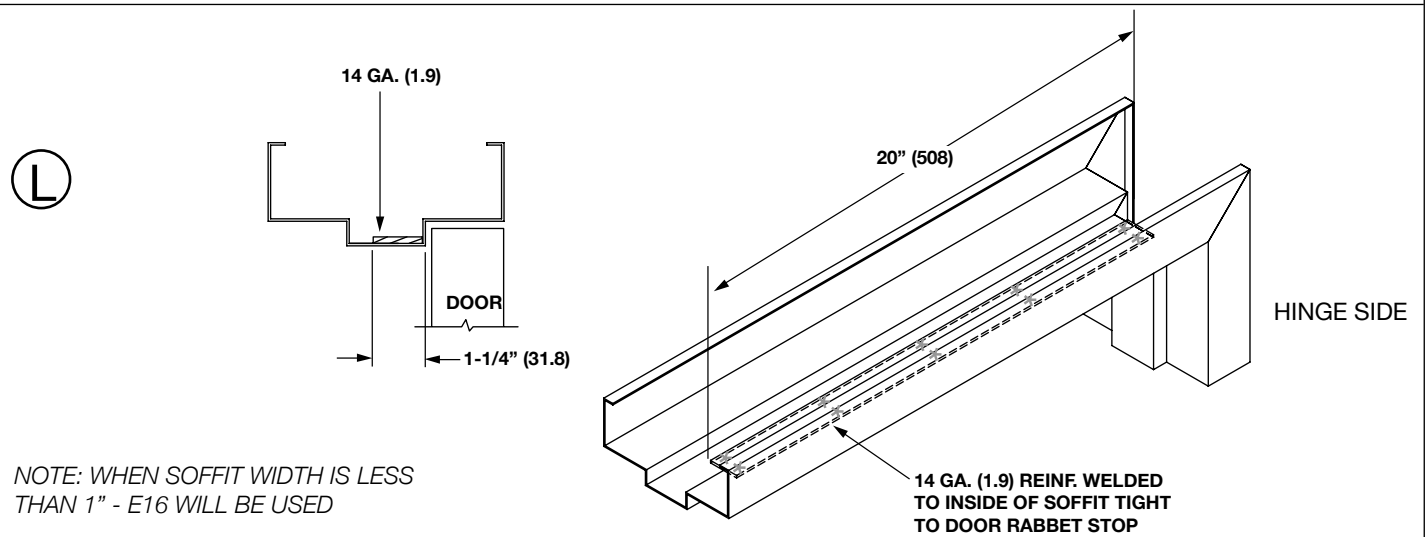
** REINFORCEMENT LOCATED IN OPPOSITE DOOR RABBET ONLY WHEN SOFFIT WIDTH IS 2-1/2" (63.5) OR LESS.*



E10 STANDARD MTG. 14 GA. CLOSER REINF.



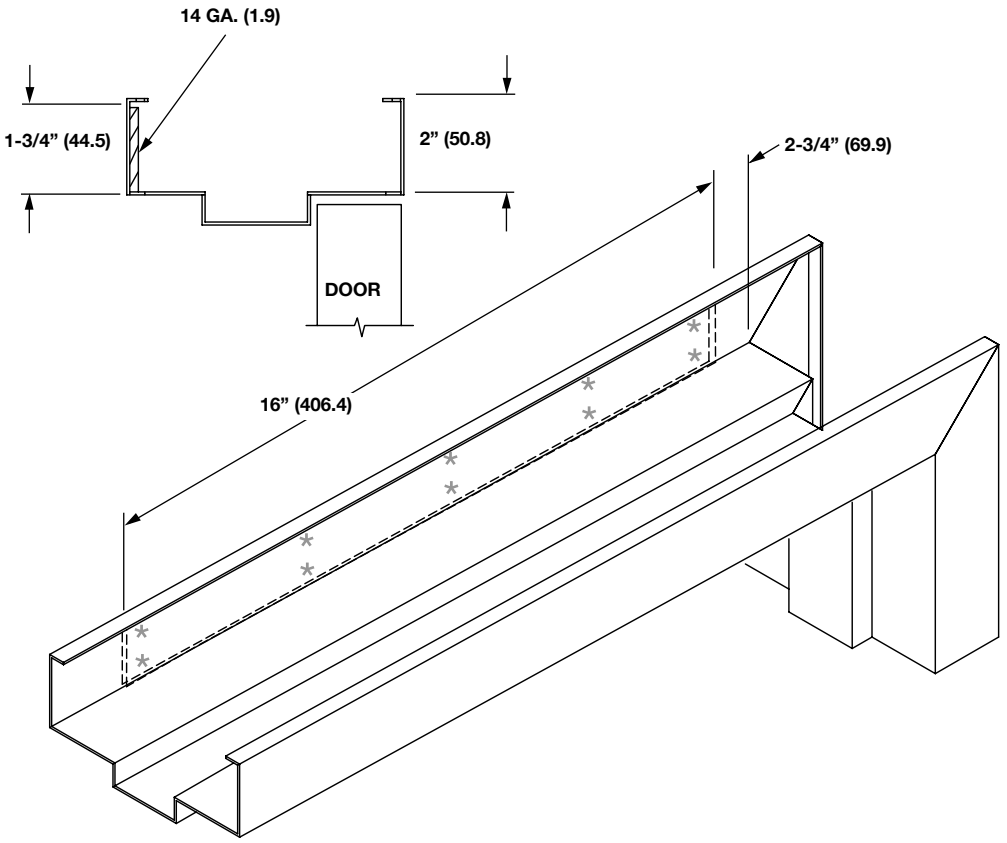
E11 PARALLEL ARM MTG. 14 GA. CLOSER REINF.



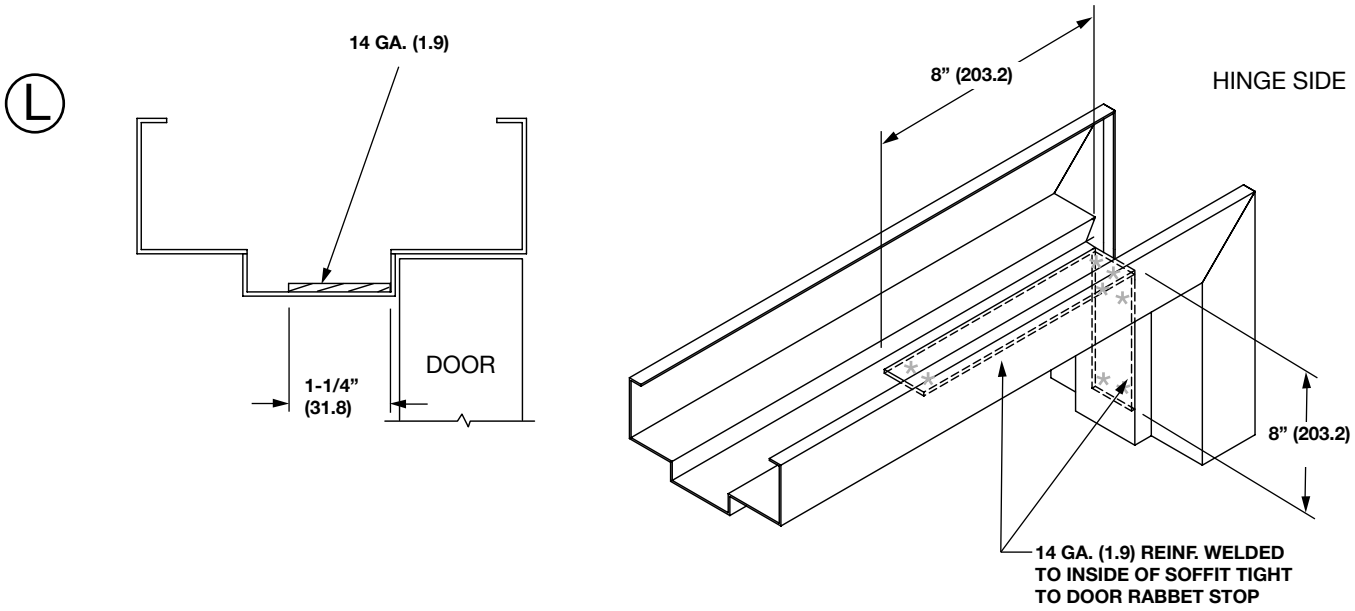
NOTE: WHEN SOFFIT WIDTH IS LESS THAN 1" - E16 WILL BE USED

E12 TOP JAMB MTG. 14 GA. CLOSER REINF.

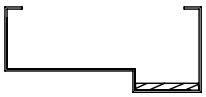
Ⓛ



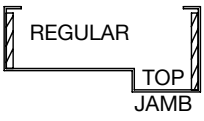
E13 CORNER BKT. MTG. 14 GA. CLOSER REINF.



DOUBLE EGRESS FRAME CLOSER REINFORCEMENTS

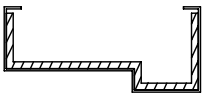


E11----------PARALLEL ARM MOUNTING----------14 GA. (1.9)
20" (508) LONG

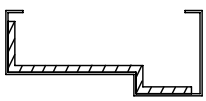


E10----------REGULAR MOUNTING----------14 GA. (1.9)
10" (254) LONG

E12----------TOP JAMB MOUNTING----------14 GA. (1.9)
16" (406.4) LONG

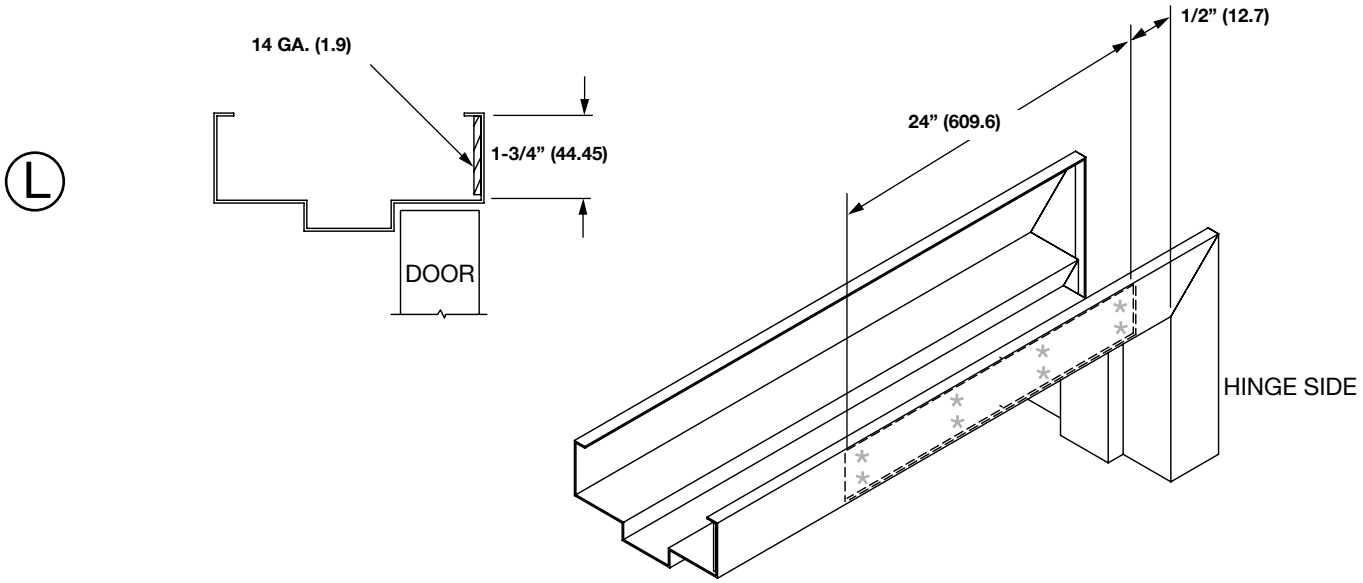


E17A----------FULL SLEEVE----------14 GA. (1.9)
REGULAR, TOP JAMB 16" (406.4) LONG
PARALLEL ARM MOUNTINGS

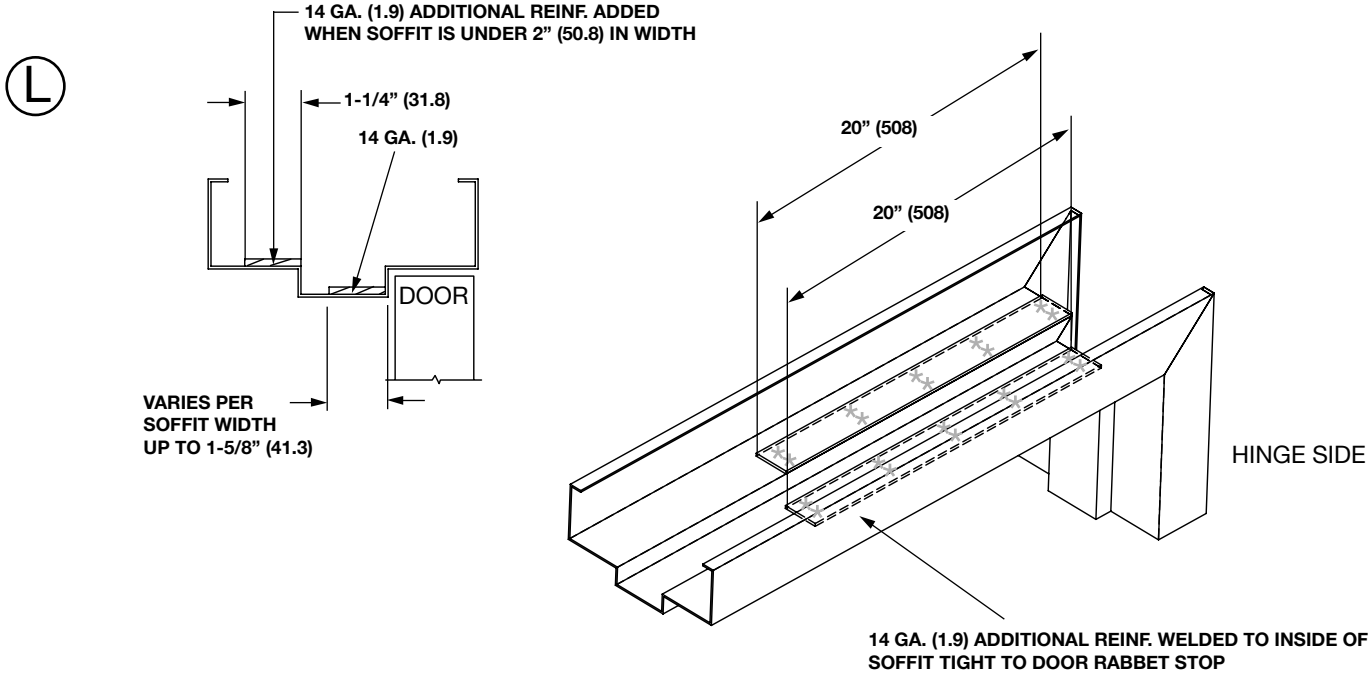


E18----------HALF SLEEVE----------14 GA. (1.9)
REGULAR AND 16" (406.4) LONG
PARALLEL ARM MOUNTINGS

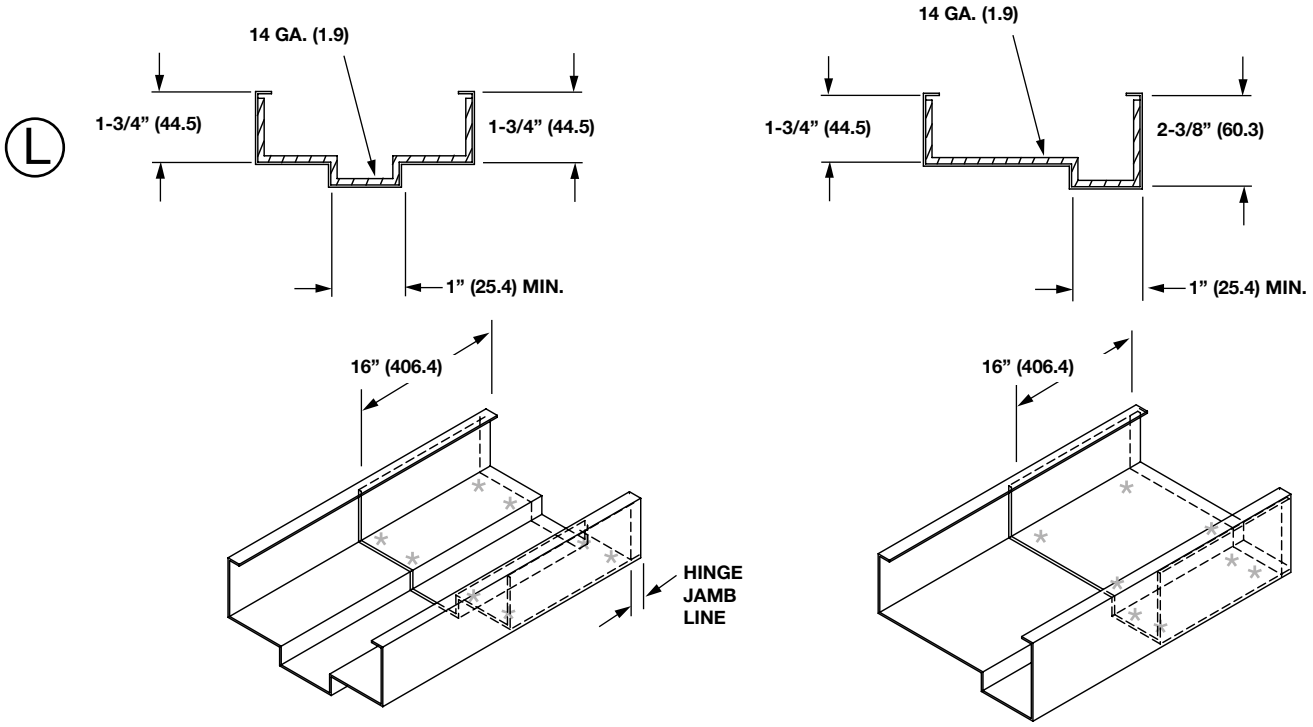
E15 CLOSER REINF.



E16 DOUBLE PARALLEL ARM 14 GA. CLOSER REINF.

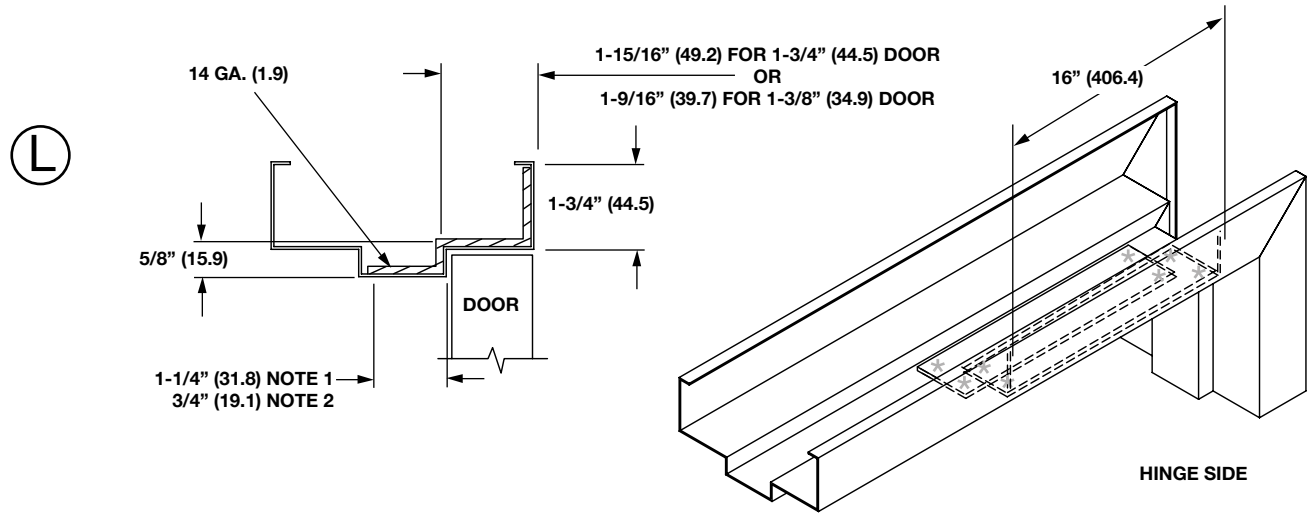


E17 14 GA. FULL SLEEVE CLOSER REINFORCEMENT



NOTE: SPECIAL PROFILE REINFORCEMENT REQUIRED WHEN CLOSER IS MOUNTED TO FRAME FACE GREATER THAN 2"

E18 14 GA. FORMED HALF SLEEVE CLOSER REINF.

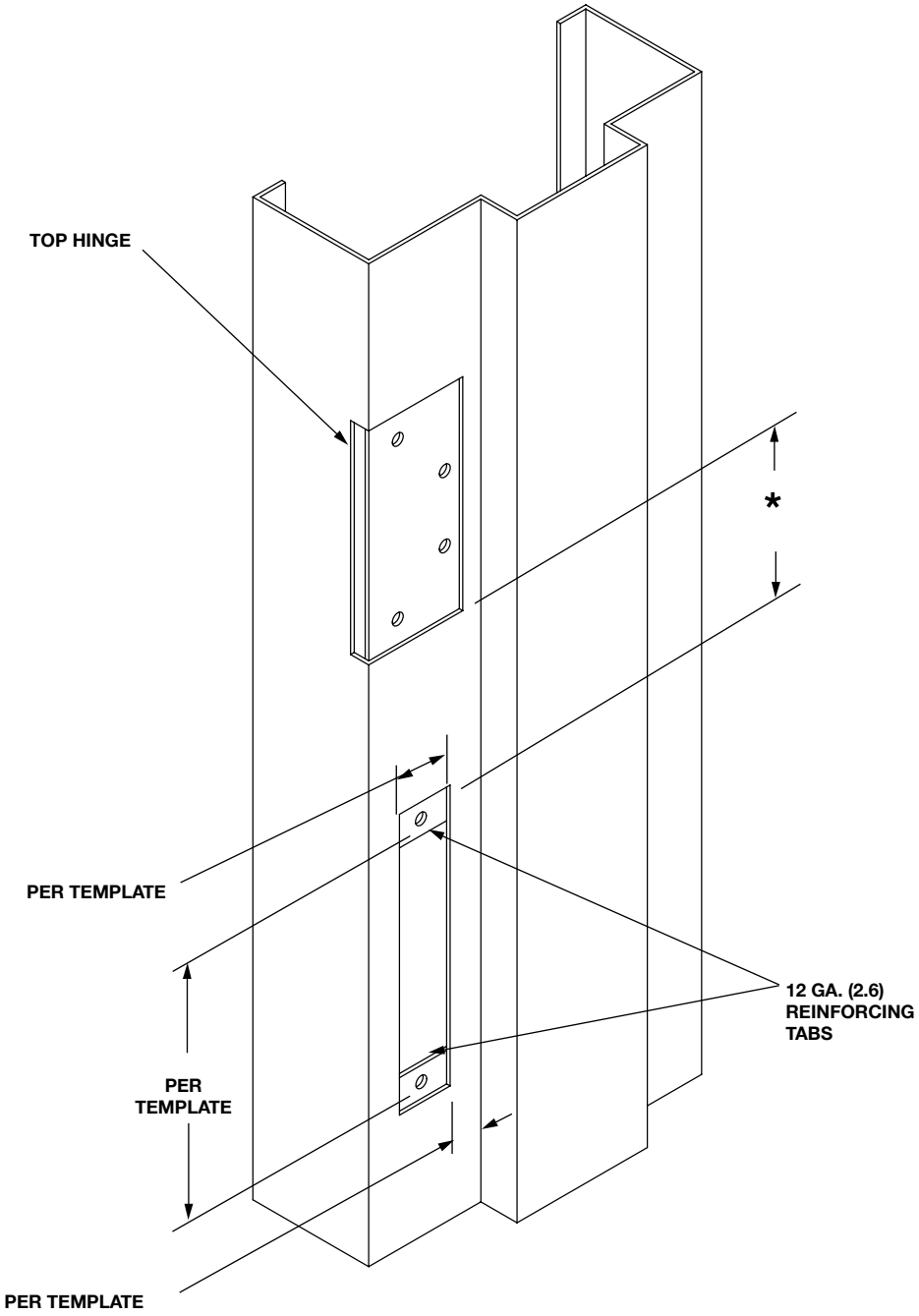


NOTE:
1) 1-1/2" (38.1) MINIMUM SOFFIT REQ'D
2) 1" (25.4) MINIMUM SOFFIT REQ'D

NOTE: SPECIAL PROFILE REINFORCEMENT REQUIRED WHEN CLOSER IS MOUNTED TO FRAME FACE GREATER THAN 2"

EPT - ELECTRONIC POWER TRANSFER

Ⓛ



** LOCATION PER TEMPLATE. IF NO LOCATION ON TEMPLATE, THEN LOCATION MUST BE SPECIFIED WITH ORDER. THE QUANTITY OF HINGES MAY REQUIRE COORDINATION OF LOCATION WITH DOOR, (EX. 4 HINGES ON A 7'0"). WOOD DOORS MAY REQUIRE OTHER LOCATIONS*

G21 - G22 REMOVABLE HARDWARE MULLION

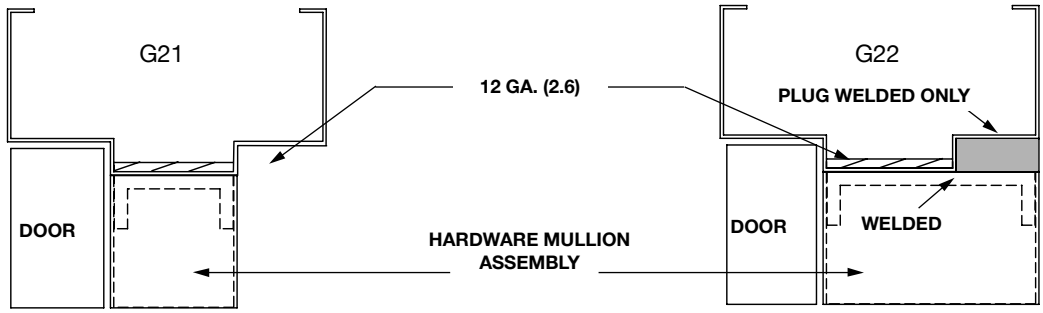
MULLION TOP BRACKET MOUNTING SCREWS TO BE DRILLED AND TAPPED IN FIELD BY HARDWARE INSTALLER.

5/8" (15.9) C.R.S. FILLER BLOCK IS FURNISHED WHEN SOFFIT WIDTH IS TOO NARROW TO APPLY HARDWARE TO SOFFIT

Ⓛ

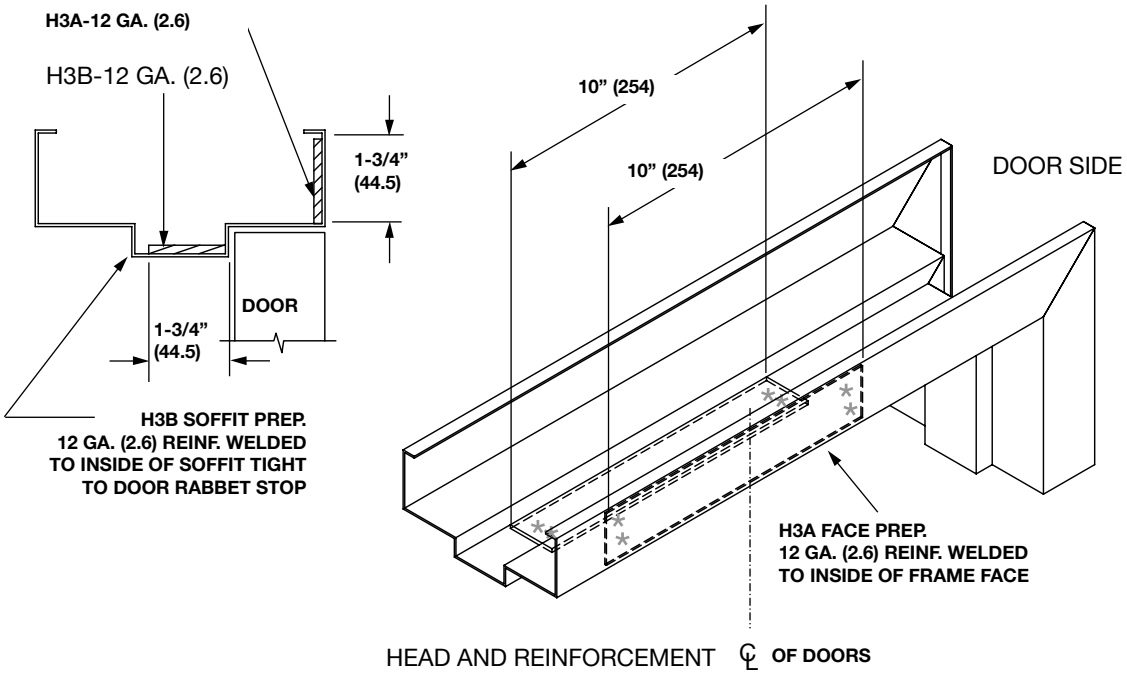
G21 PLATE REINFORCEMENT USED WHEN SOFFIT IS 3" (76.2) WIDE OR GREATER.

G22 PLATE REINFORCEMENT USED WHEN SOFFIT IS LESS THAN 3" (76.2).



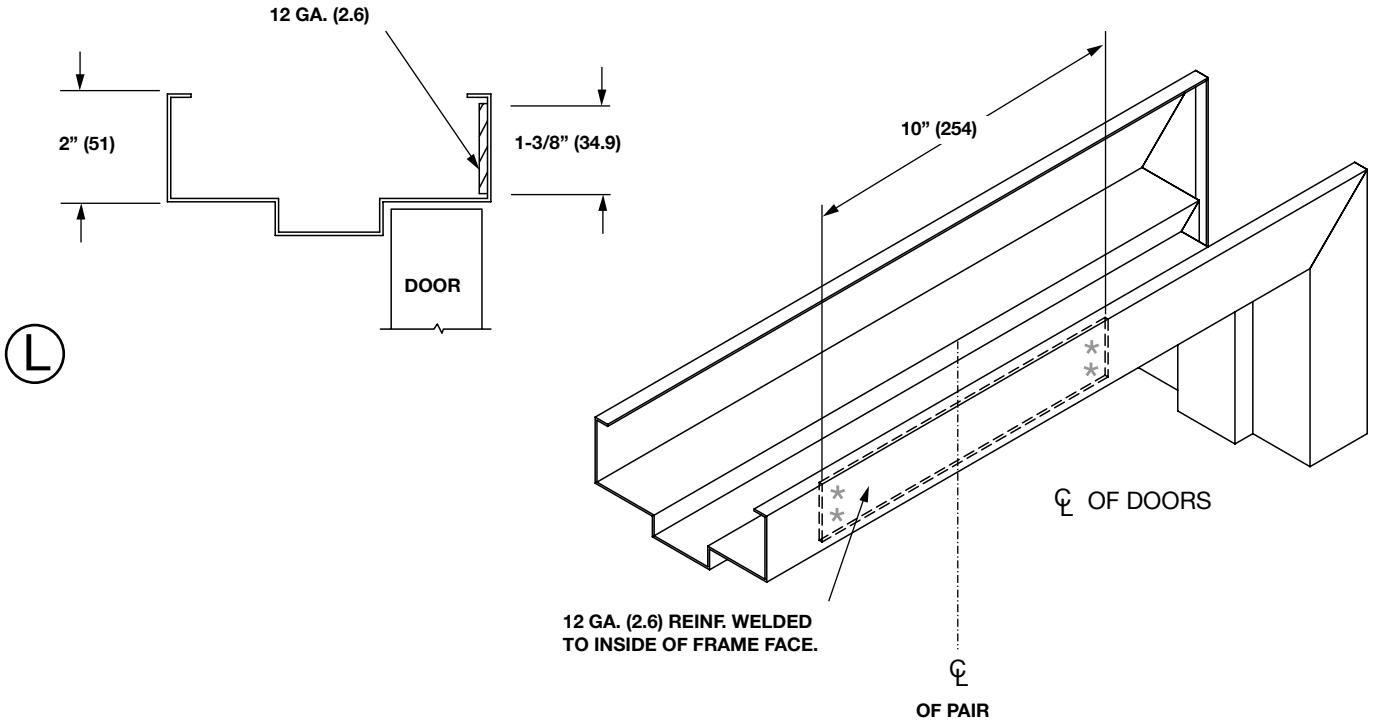
H3A - H3B SURFACE BOLT PREPARATION

Ⓛ

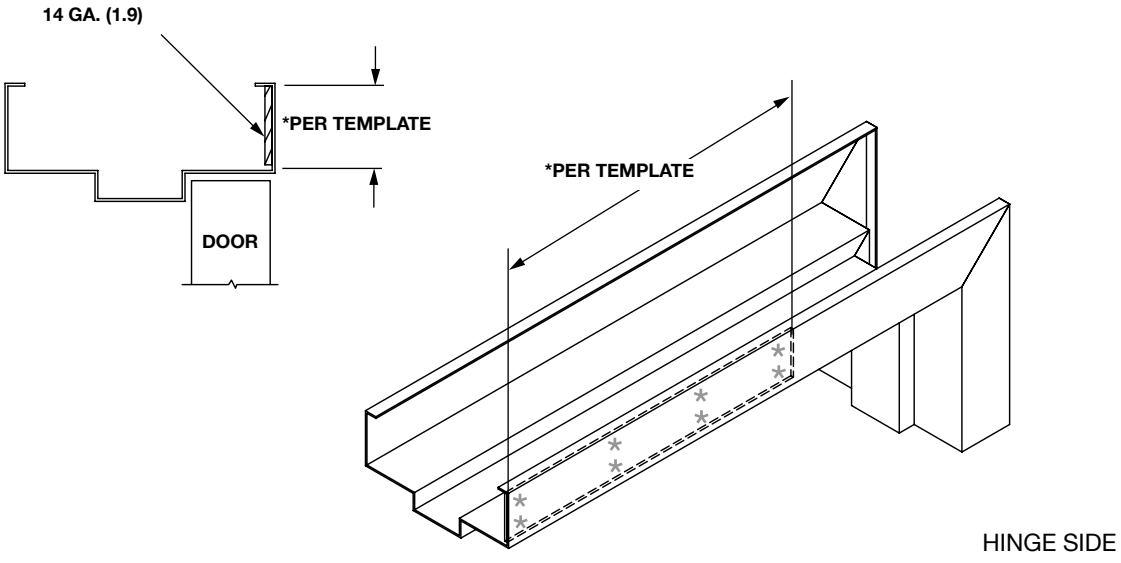


NOTE: WHEN ORDERING SPECIFY EITHER H3A OR H3B REINFORCING

G24 COORDINATOR REINFORCEMENT

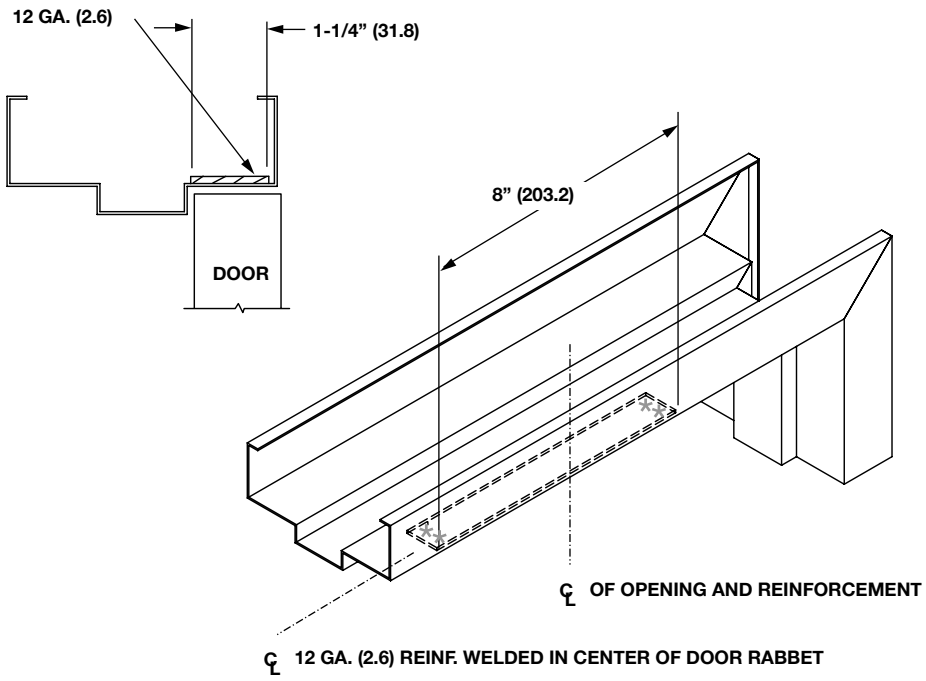


CL - CLOSER REINFORCEMENT PER TEMPLATE

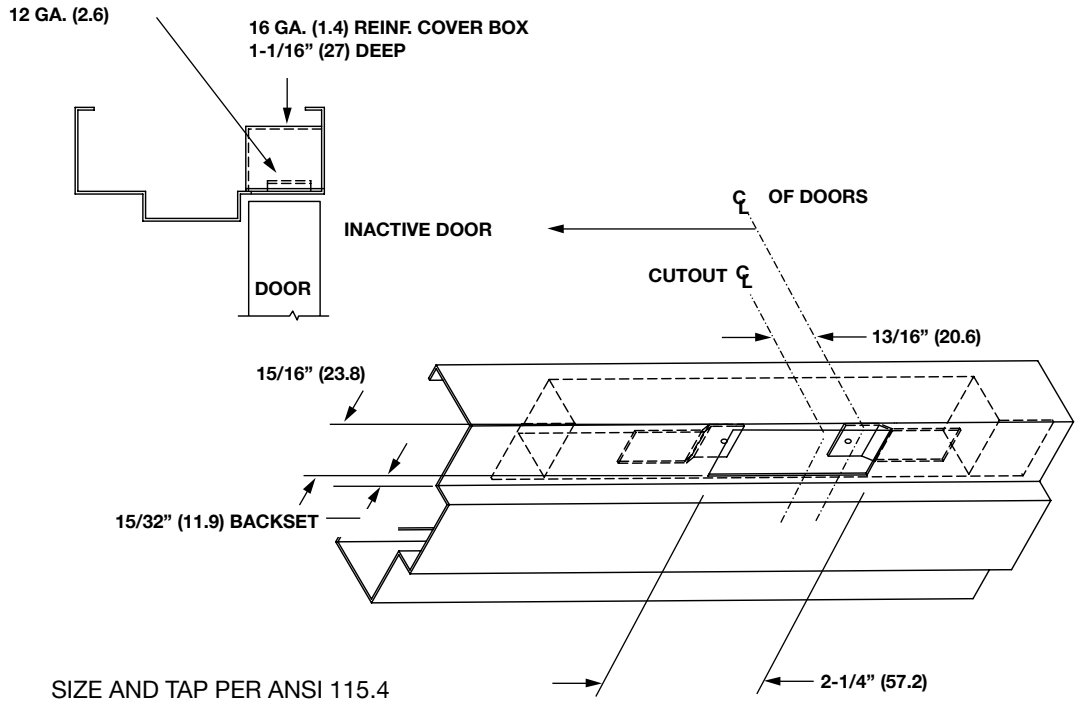


* *SPECIFY MANUFACTURER AND MODEL NUMBER WHEN ORDERING*
ADVISE POWER SOURCE LOCATION IF REQUIRED

H1 FLUSH BOLT REINFORCEMENT



H2 FLUSH BOLT PREP. AND REINF. (ANSI)



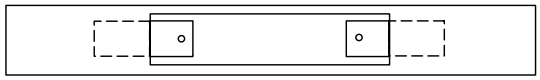
SIZE AND TAP PER ANSI 115.4

H4 AUTO FLUSH BOLT

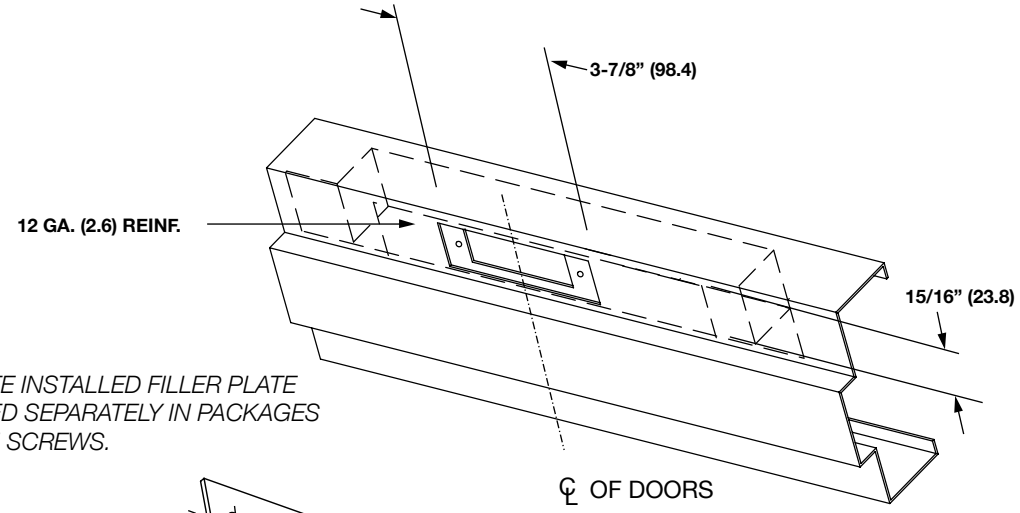
PREPARATION FOR AUTOMATIC FLUSH BOLT IS PER HARDWARE MANUFACTURER'S TEMPLATE.

PLEASE SPECIFY MANUFACTURER AND MODEL NUMBER WHEN ORDERING.

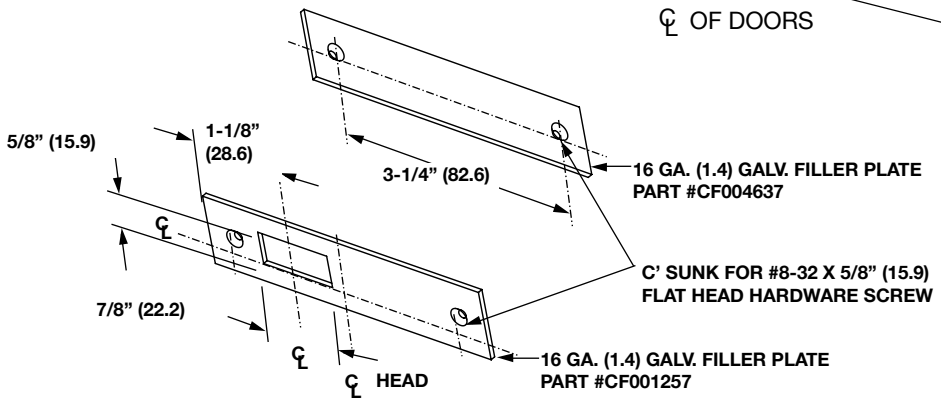
LABELED IF HARDWARE IS APPROVED AND PREPPED TO TEMPLATE.



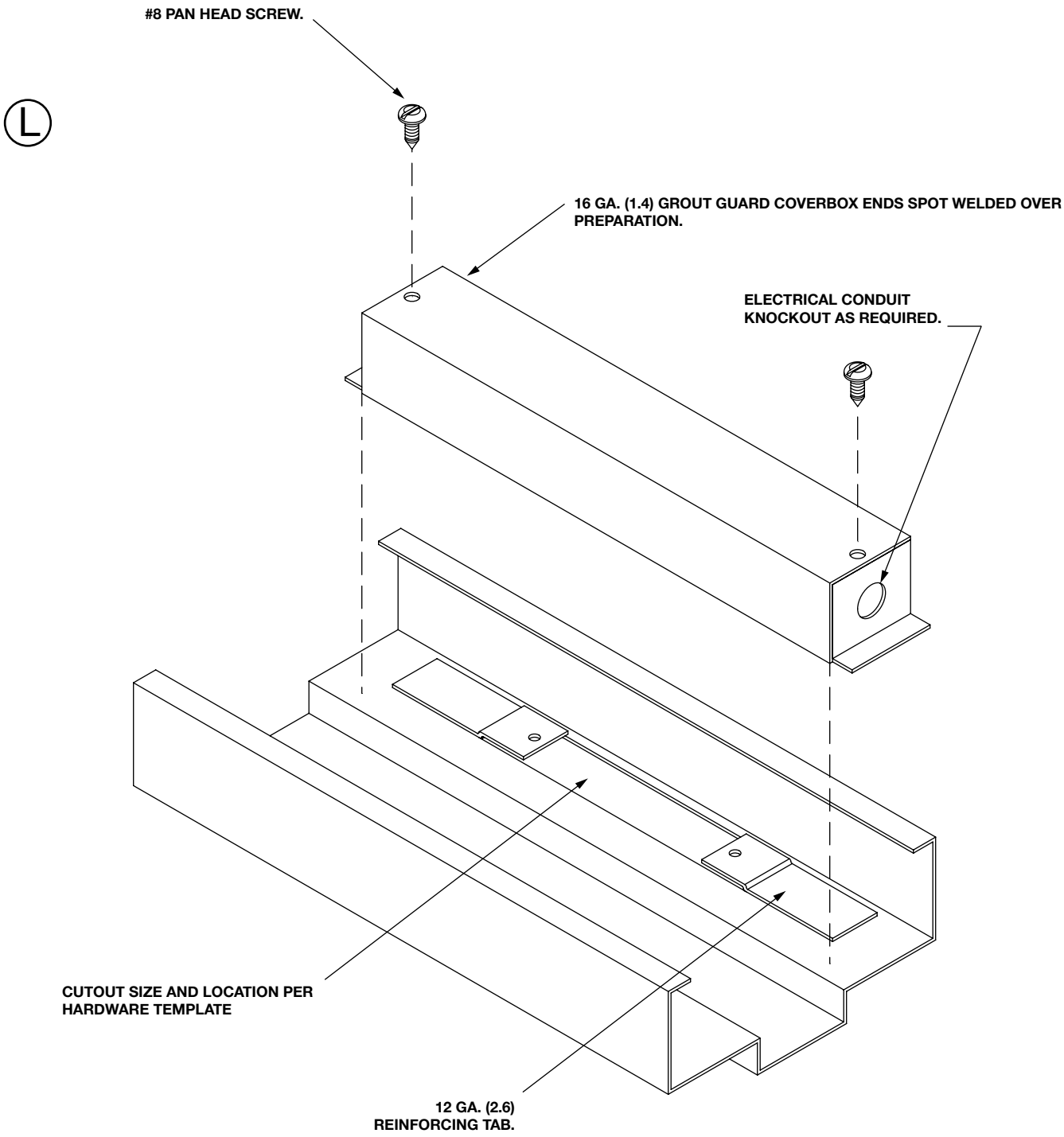
H5 NON-HANDED FLUSH BOLT



NOTE: STRIKE PLATE INSTALLED FILLER PLATE MAY BE PURCHASED SEPARATELY IN PACKAGES OF 50 PIECES WITH SCREWS.



ELECTRIC MAGNETIC DOOR POSITION SWITCH



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

ELECTROLYNX® SYSTEM LX OPTIONS

“HARDWIRING MADE EASY”

THE CURRIES LX CABLE IS EQUIPPED WITH THE ELECTROLYNX® SYSTEM OF “PLUG-IN” CONNECTORS FOR FAST, EASY, CONNECTION TO SIMILARLY EQUIPPED ASSA ABLOY HARDWARE. THE LX CABLE HAS 12 CONDUCTORS OF 22 GAUGE WIRE IN A PVC JACKET, WITH ELECTROLYNX SNAP CONNECTORS ON THE HARDWARE PREP END ONLY. SHIP LOOSE ONLY. POWER OVER ETHERNET (POE) CABELS ARE ALSO AVAILABLE.

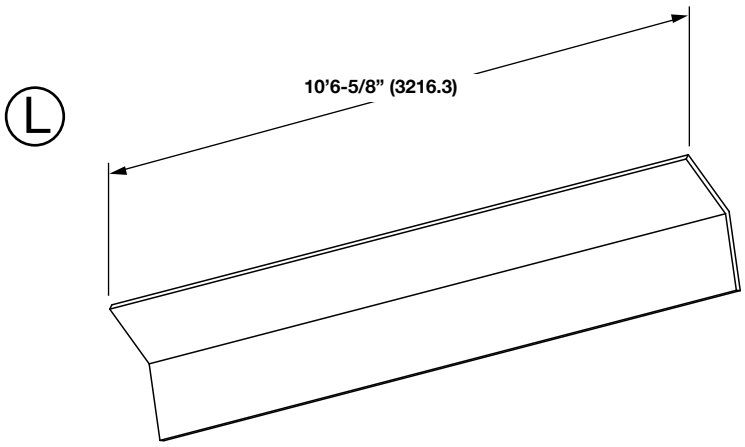
- CHECK ANCHOR INTERFERENCE WITH CONDUIT, SOME LOOSE ANCHOR STYLES WON’T WORK.
- SOME ELECTRIC PREPS WON’T ALLOW 1/2” DRYWALL PENETRATION FOR FIRE RATED FRAMES.
- CONDUIT IS TO BE SUPPLIED AND INSTALLED BY OTHERS.

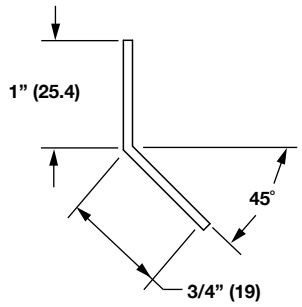
ACC HARNESS OPTIONS

THE ACC CABLE IS EQUIPPED WITH “PLUG-IN” CONNECTORS FOR FAST, EASY CONNECTION TO SIMILLARY EQUIPPED HARDWARE. THE CABLE HAS TWELVE 20 GAUGE CONDUCTORS IN A PVC JACKET, WITH SNAP CONNECTORS ON THE HARDWARE PREP END ONLY. SHIP LOOSE ONLY.

- CHECK ANCHOR INTERFERENCE WITH CONDUIT, SOME LOOSE ANCHOR STYLES WON’T WORK.
- SOME ELECTRIC PREPS WON’T ALLOW 1/2” DRYWALL PENETRATION FOR FIRE RATED FRAMES.
- CONDUIT IS TO BE SUPPLIED AND INSTALLED BY OTHERS.

CCW - DRIP CAP CCW 112 - 10’6-5/8” LENGTHS



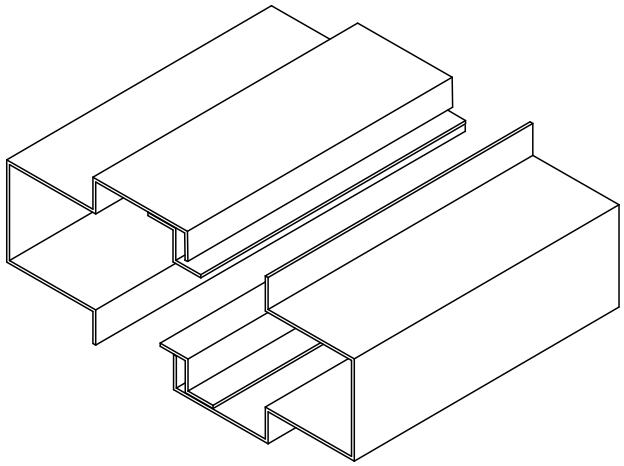


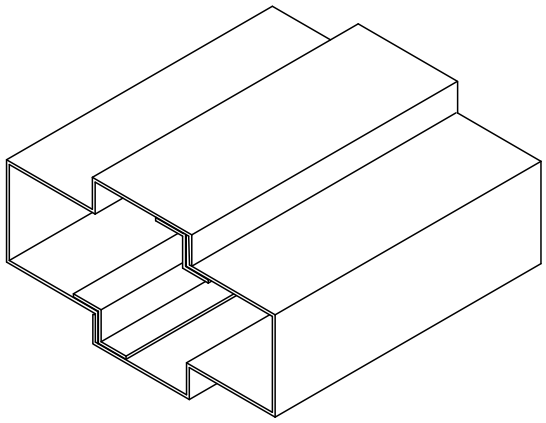
DRIP CAP

C.C.W. 112

16 GA. (1.4) GALVANEAL

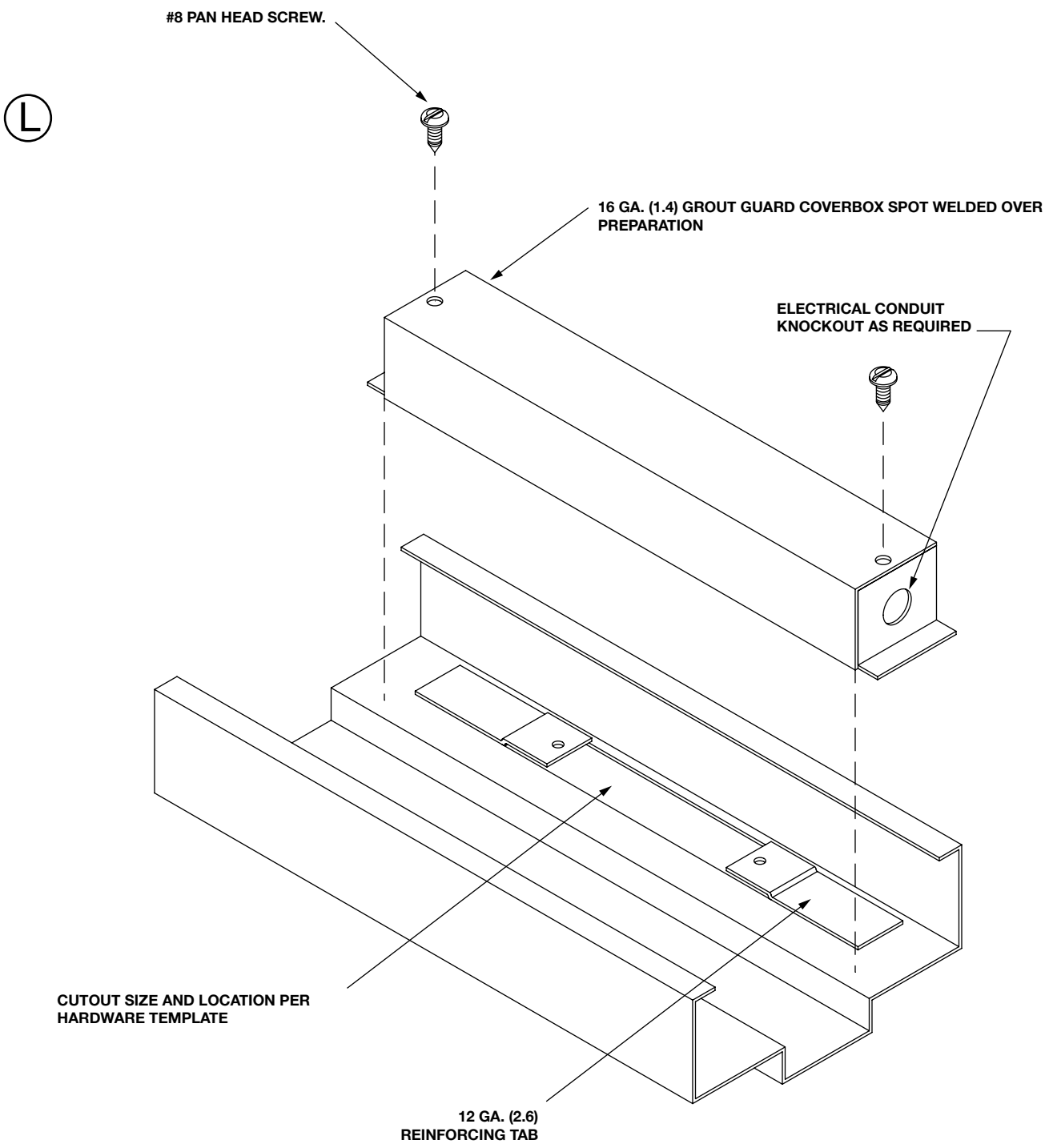
MULLION CONSTRUCTION





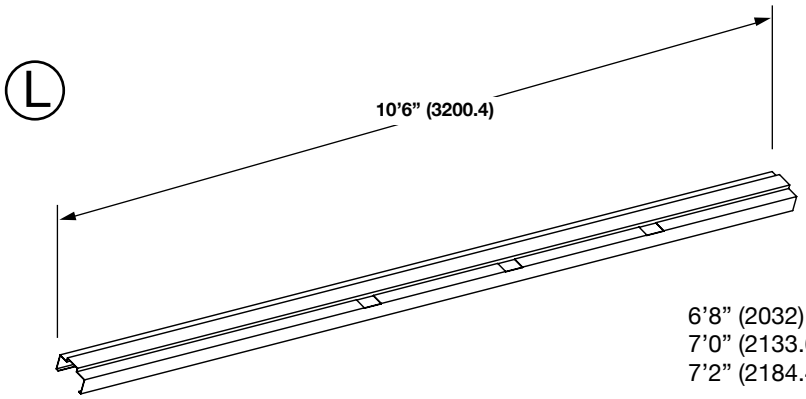
ORDER CODE: OM

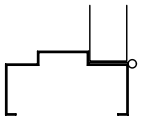
ELECTRIC FULLY-CONCEALED DOOR POSITION SWITCH



NOTE: JUNCTION BOXES ARE NOT CAULKED AT THE FACTORY. TO BE FIELD CAULKED BY INSTALLATION CONTRACTOR.

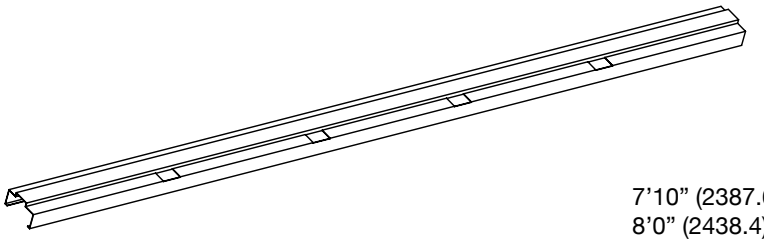
CCW - OPEN BACK RAIL - 10’6” LENGTHS

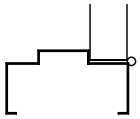




OPEN BACK RAIL
HINGE JAMB

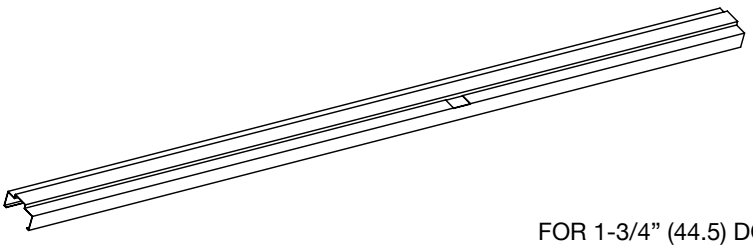
6’8” (2032)	LOCATION 3 HINGES	C.C.W. 24
7’0” (2133.6)	LOCATION 3 HINGES	C.C.W. 25
7’2” (2184.4)	LOCATION 3 HINGES	C.C.W. 39

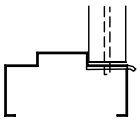




OPEN BACK RAIL
HINGE JAMB

7’10” (2387.6)	LOCATION 4 HINGES	C.C.W. 62
8’0” (2438.4)	LOCATION 4 HINGES	C.C.W. 63
9’0” (2743.2)	LOCATION 4 HINGES	C.C.W. 119
10’0” (3048)	LOCATION 4 HINGES	C.C.W. 120





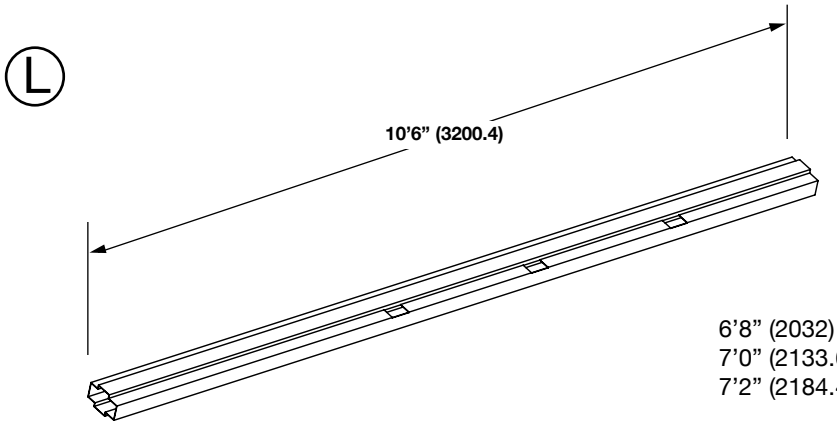
OPEN BACK RAIL
STRIKE JAMB

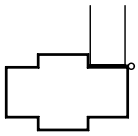
C.C.W. 26

FOR 1-3/4” (44.5) DOORS ALL STRIKE LOCATIONS 40” (1016) ℄
IF PUNCHED - SILENCERS ARE REQUIRED WHEN ORDERING CCW
26 STRIKE JAMB SPECIFY DOOR HEIGHT

NOTE: ANCHORS ARE NOT INCLUDED WITH CCW MATERIAL. CCW MATERIAL MAY BE ORDERED CUT TO LENGTH - EXACT LENGTH - WITH S.M.O. OR S.B.E. CORNER CONFIGURATION. CUSTOM PROFILES AVAILABLE. 12 GA. FRAMES ARE CCW. 5-3/4 JAMB DEPTH HAS 1/2” RETURNS.

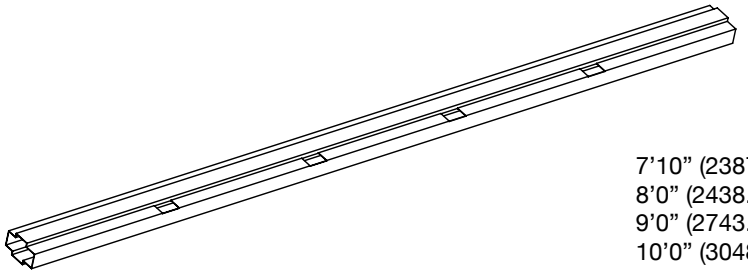
CCW - MULLION CLOSED SECTION - 10’6” LENGTHS

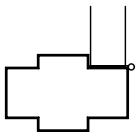




MULLION -
CLOSED SECTION
HINGE JAMB

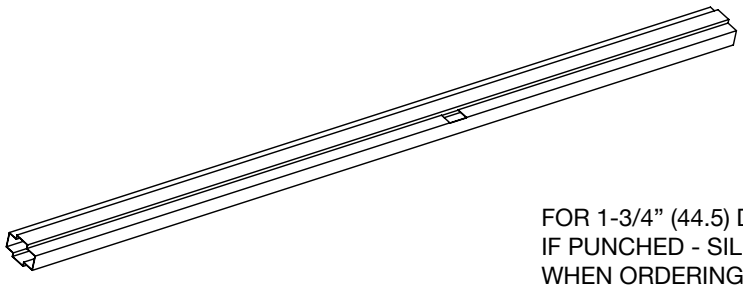
6’8” (2032)	LOCATION 3 HINGES	C.C.W. 42
7’0” (2133.6)	LOCATION 3 HINGES	C.C.W. 43
7’2” (2184.4)	LOCATION 3 HINGES	C.C.W. 44

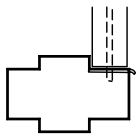




MULLION -
CLOSED SECTION
HINGE JAMB

7’10” (2387.6)	LOCATION 4 HINGES	C.C.W. 81
8’0” (2438.4)	LOCATION 4 HINGES	C.C.W. 82
9’0” (2743.2)	LOCATION 4 HINGES	C.C.W. 133
10’0” (3048)	LOCATION 4 HINGES	C.C.W. 134





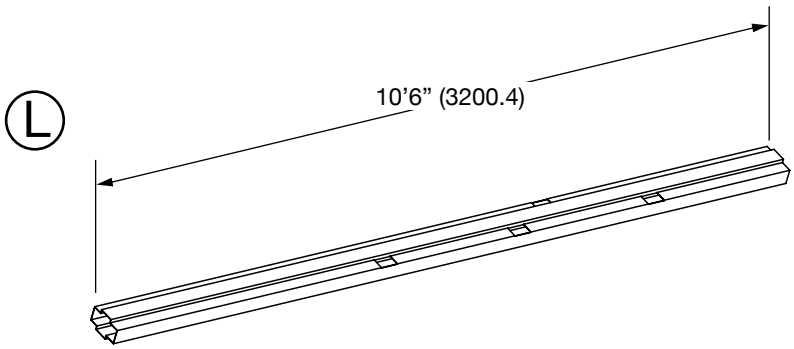
MULLION -
CLOSED SECTION
STRIKE JAMB

C.C.W. 41

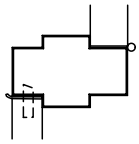
FOR 1-3/4” (44.5) DOORS ALL STRIKE LOCATIONS 40” (1016) ℄
IF PUNCHED - SILENCERS ARE REQUIRED
WHEN ORDERING CCW 41 STRIKE JAMB SPECIFY DOOR HEIGHT

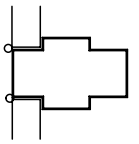
12 GA. FRAMES ARE CCW

CCW - MULLION CLOSED SECTION - 10’6” LENGTHS COMMUNICATING MULLION

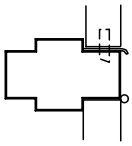


MULLION - CLOSED SECTION
COMBINATION RAIL
ALL STANDARD
DOOR HEIGHTS.





DOUBLE HINGE, DOUBLE
STRIKE OR HINGE AND
STRIKE COMBINATIONS.



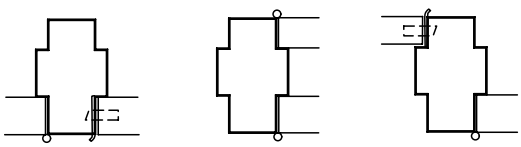
6’8” (2032)	LOCATION 3 HINGES & STRIKE	C.C.W. 45
7’0” (2133.6)	LOCATION 3 HINGES & STRIKE	C.C.W. 46
7’2” (2184.4)	LOCATION 3 HINGES & STRIKE	C.C.W. 47
7’10” (2387.6)	LOCATION 4 HINGES & STRIKE	C.C.W. 83
8’0” (2438.4)	LOCATION 4 HINGES & STRIKE	C.C.W. 84
9’0” (2743.2)	LOCATION 4 HINGES & STRIKE	C.C.W. 135
10’0” (3048)	LOCATION OF 4 HINGES & STRIKE	C.C.W. 136
DOUBLE STRIKE MULLION	C.C.W. 85	

NOTE: WHEN ORDERING CCW 85 SPECIFY DOOR HEIGHT.

6’8” (2032)	LOCATION 3 (DOUBLE HINGES)	C.C.W. 86
7’0” (2133.6)	LOCATION 3 (DOUBLE HINGES)	C.C.W. 87
7’2” (2184.4)	LOCATION 3 (DOUBLE HINGES)	C.C.W. 88
7’10” (2387.6)	LOCATION 4 (DOUBLE HINGES)	C.C.W. 89
8’0” (2438.4)	LOCATION 4 (DOUBLE HINGES)	C.C.W. 90
9’0” (2743.2)	LOCATION 4 (DOUBLE HINGES)	C.C.W. 137
10’0” (3048)	LOCATION OF 4 (DOUBLE HINGES)	C.C.W. 138

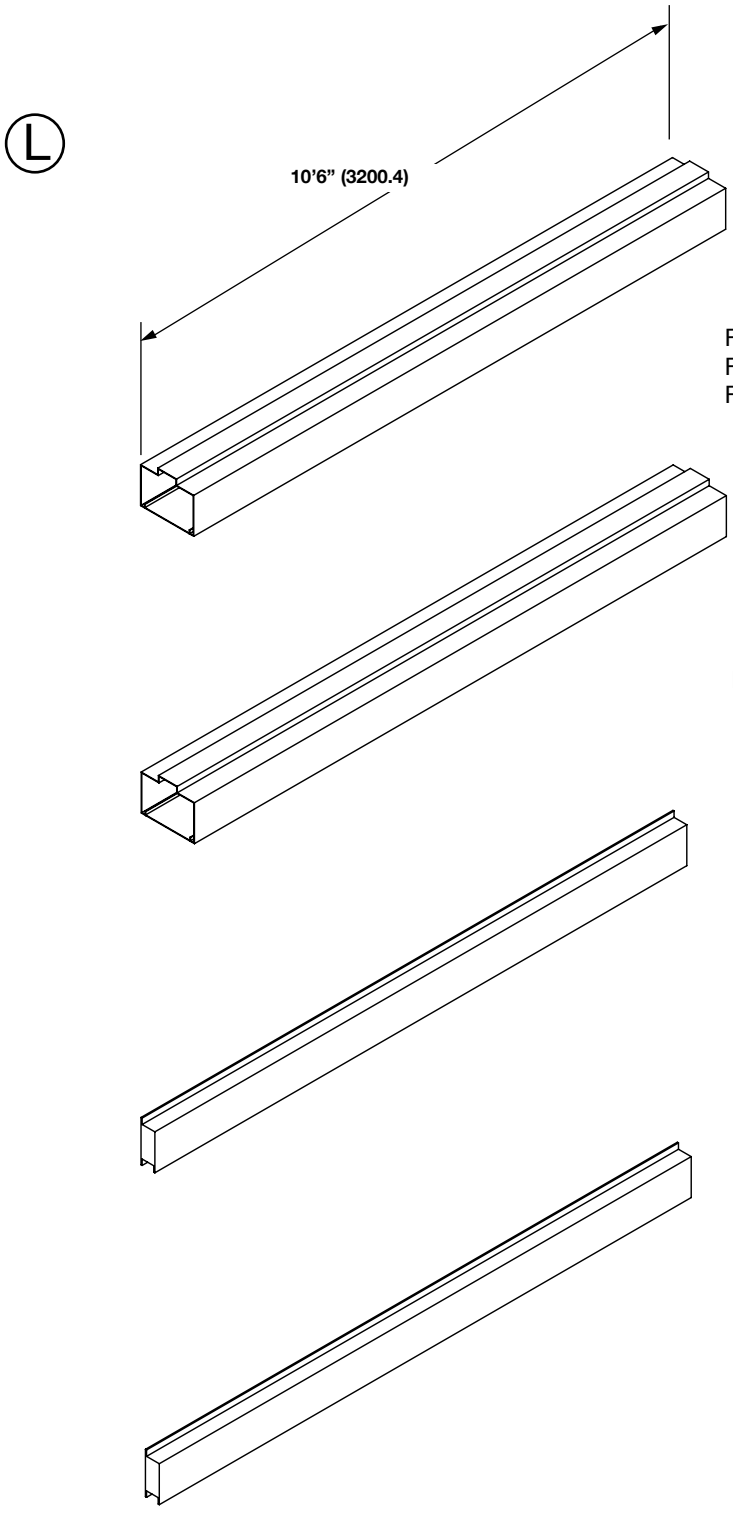
NOTE: WHEN ORDERING COMBINATION MULLION DOUBLE HINGE, DOUBLE STRIKE, OR HINGE AND STRIKE, PROVIDE SECTION DETAIL OF DOOR RABBET LOCATION.

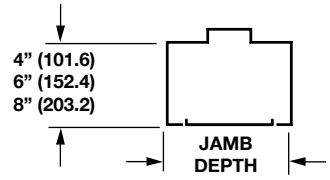
EXAMPLE



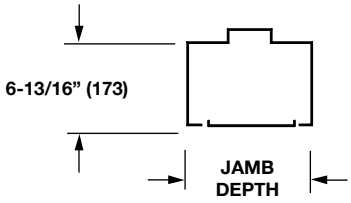
12 GAUGE FRAMES ARE CCW

CCW SILLS - CCW 28, 139, 140, 48, 49, 55 - 10’6” LENGTHS

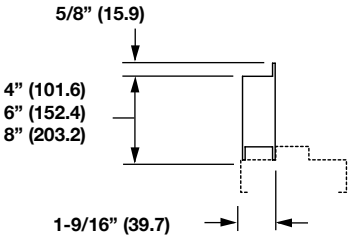




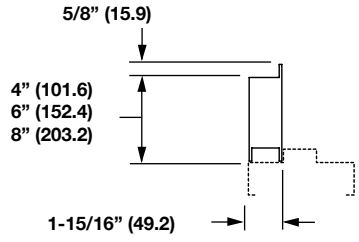
FULL JAMB DEPTH 4” (101.6) FACE OR LESS C.C.W. 28
FULL JAMB DEPTH 6” (152.4) FACE OR LESS C.C.W. 139
FULL JAMB DEPTH 8” (203.2) FACE OR LESS C.C.W. 140



FULL JAMB DEPTH 6-13/16” (173) FACE C.C.W. 55



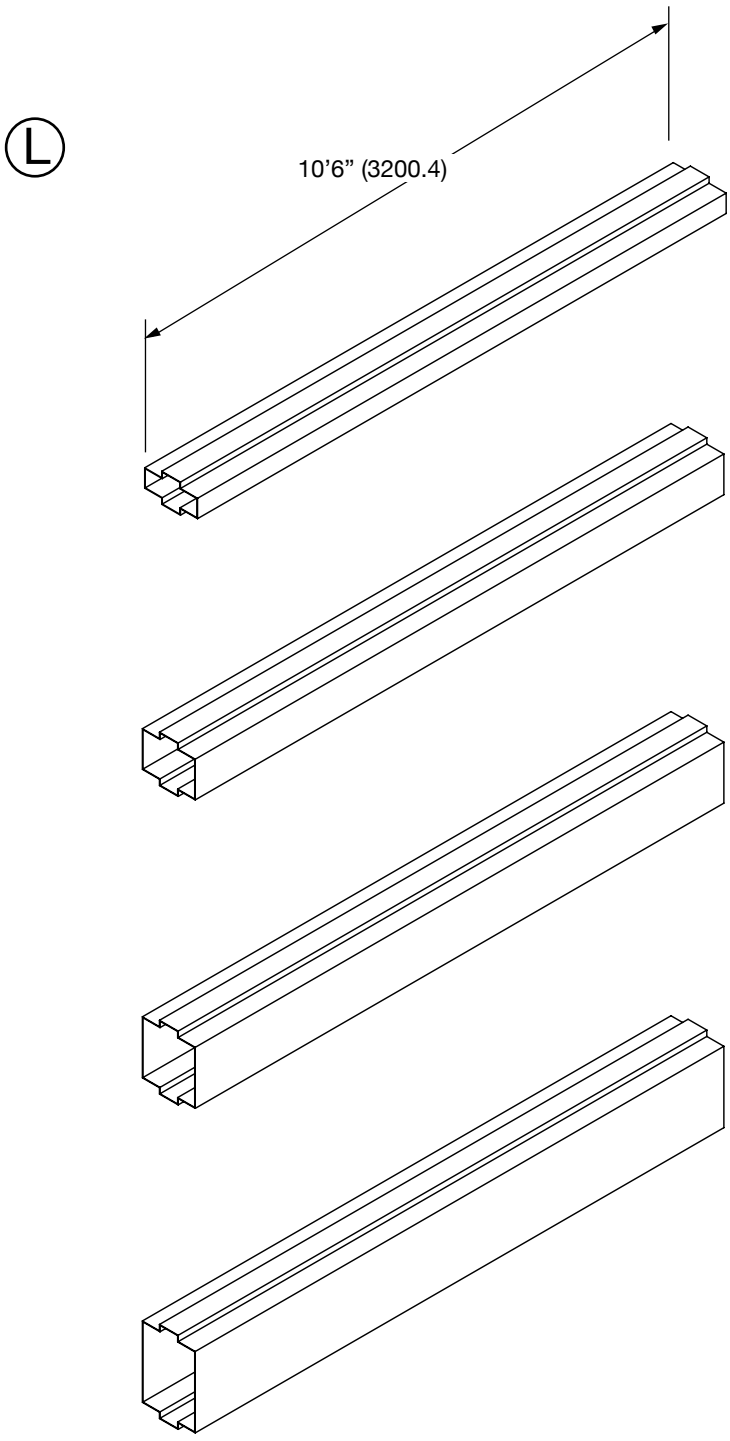
SPECIAL 1-9/16” (39.7) THICK C.C.W. 48

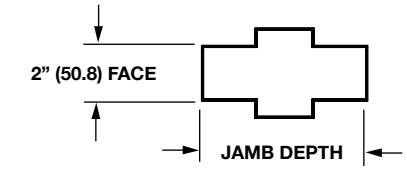


SPECIAL 1-15/16” (49.2) THICK C.C.W. 49

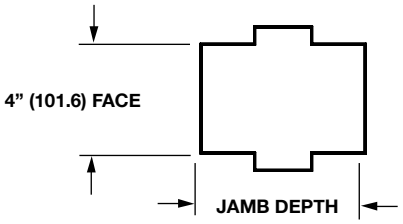
12 GAUGE FRAMES ARE CCW

CCW - PLAIN MULLION CCW 16, 17, 18, 50 - 10’6” LENGTHS

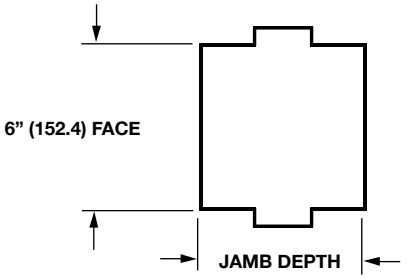




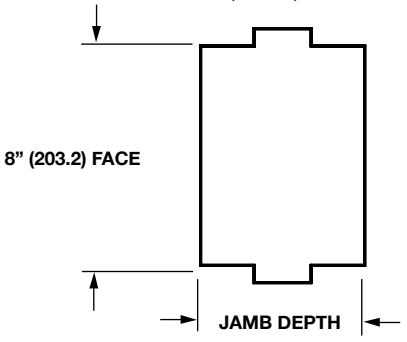
PLAIN MULLION 2” (50.8) FACE C.C.W. 16



PLAIN MULLION 4” (101.6) FACE C.C.W. 17



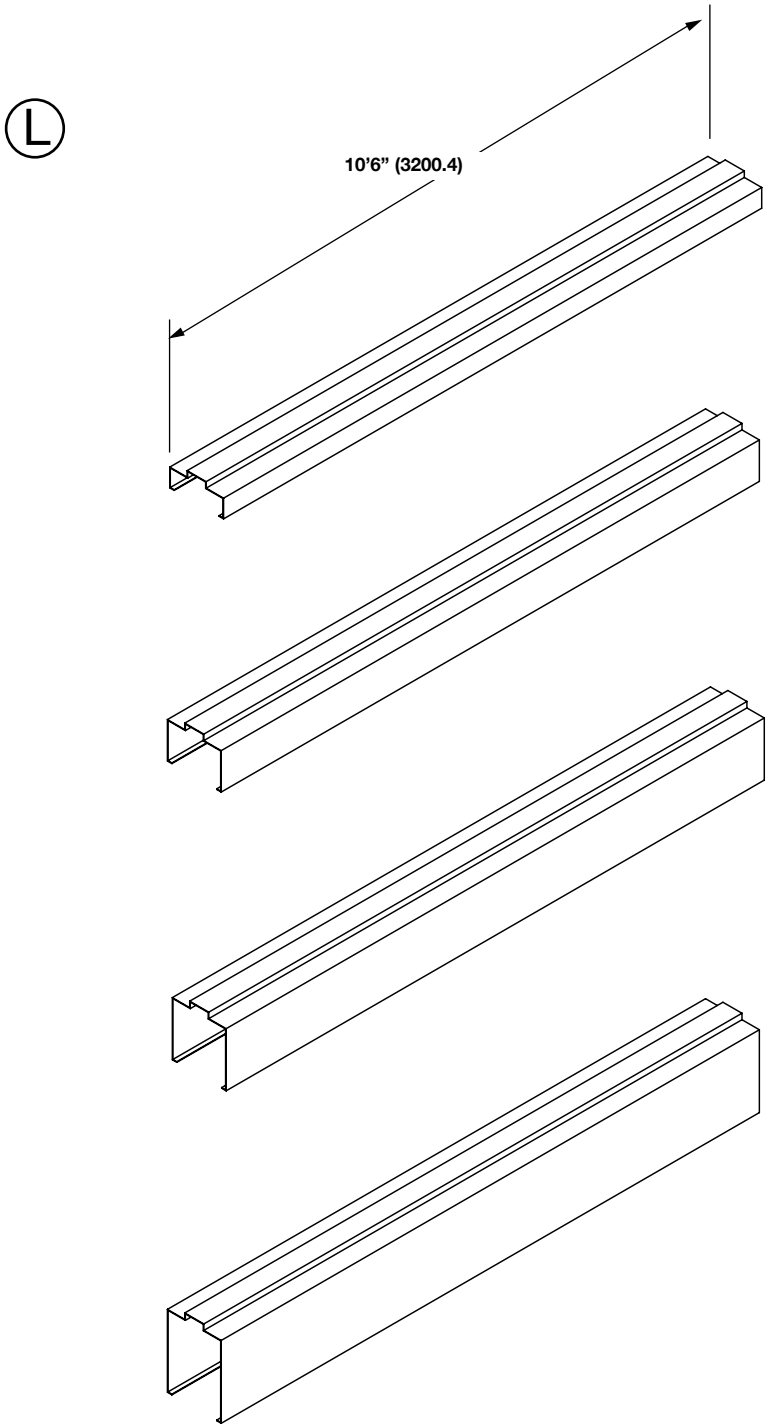
PLAIN MULLION 6” (152.4) FACE C.C.W. 18

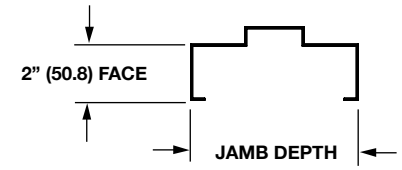


PLAIN MULLION 8” (203.2) FACE C.C.W. 50

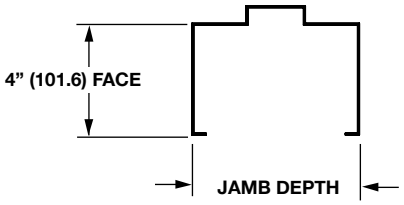
12 GAUGE FRAMES ARE CCW

CCW - PLAIN RAIL CCW 21, 23, 115, 117 - 10’6” LENGTHS

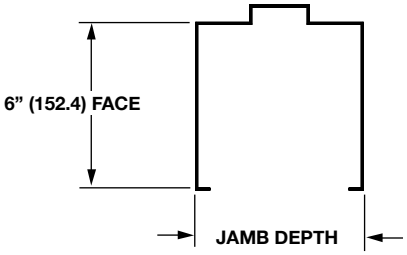




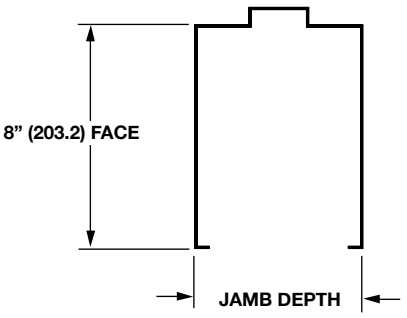
PLAIN RAIL 2” (50.8) FACE C.C.W. 21



PLAIN RAIL 4” (101.6) FACE C.C.W. 23



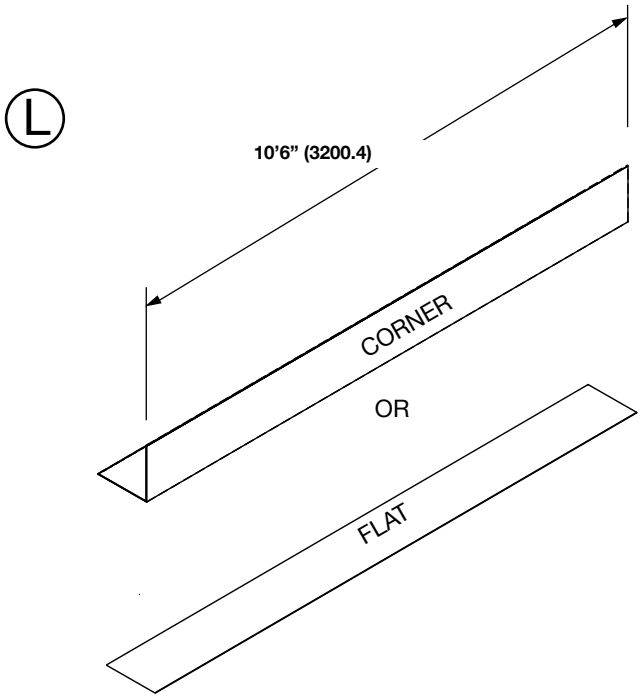
PLAIN RAIL 6” (152.4) FACE C.C.W. 115



PLAIN RAIL 8” (203.2) FACE C.C.W. 117

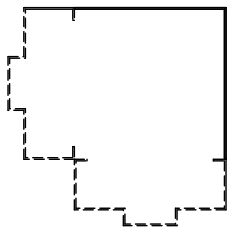
12 GAUGE FRAMES ARE CCW

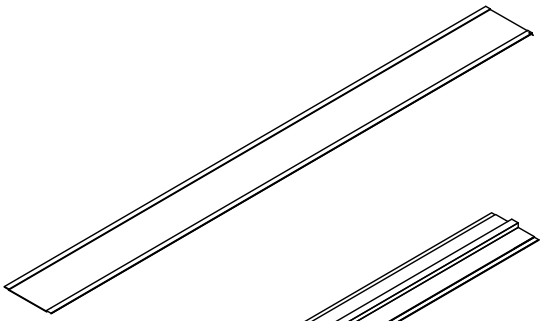
CCW - MISC. RAIL CCW 19, 27, 22, 29 - 10’6” LENGTHS



COVER PLATE
CORNER OR FLAT

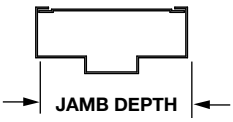
C.C.W. 19

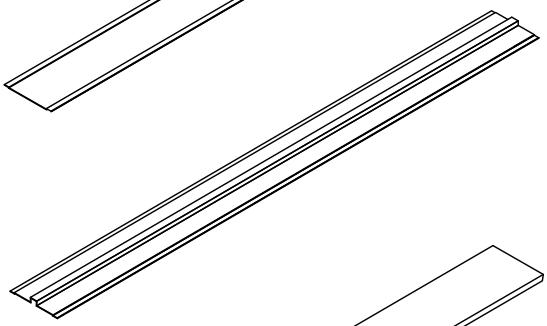




FILLER PLATE
WITHOUT STOP

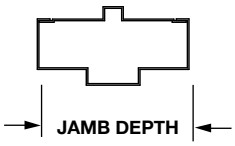
C.C.W. 27

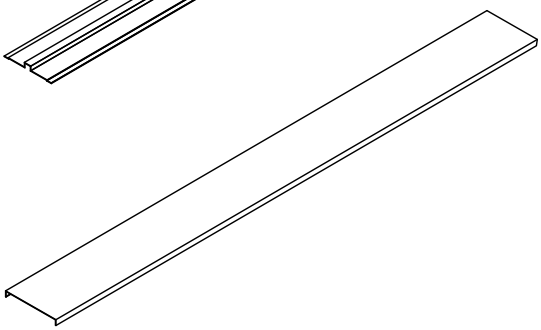




FILLER PLATE
WITH STOP

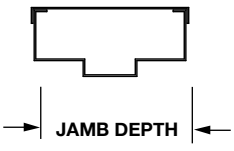
C.C.W. 22





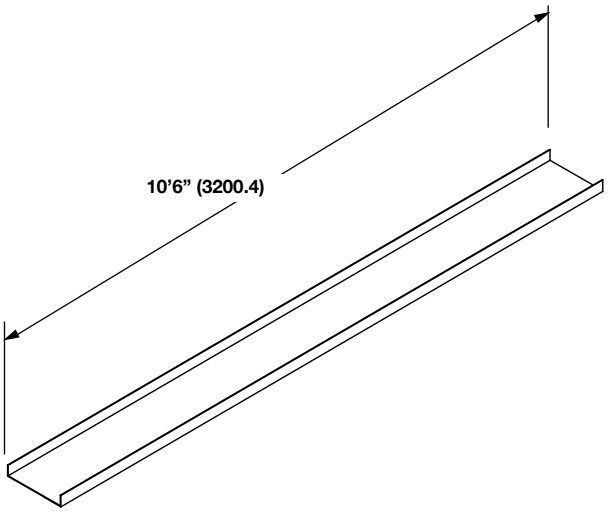
HEAD CAP

C.C.W. 29



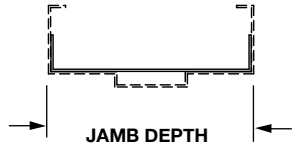
12 GAUGE FRAMES ARE CCW

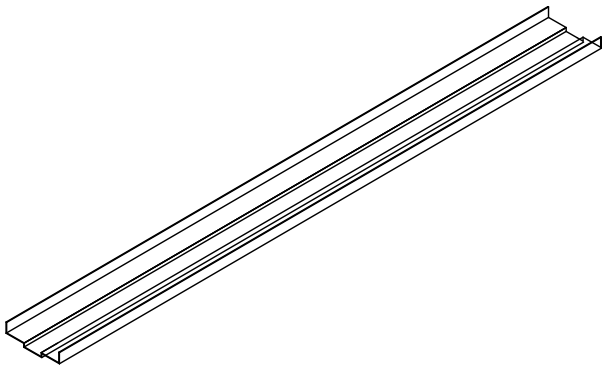
CCW - MISC. RAIL CCW 91, 92, 40 -10’6-LENGTHS



CHANNEL HEAD REINF.

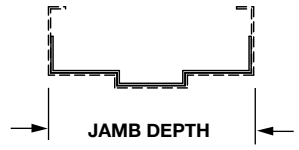
C.C.W. 91



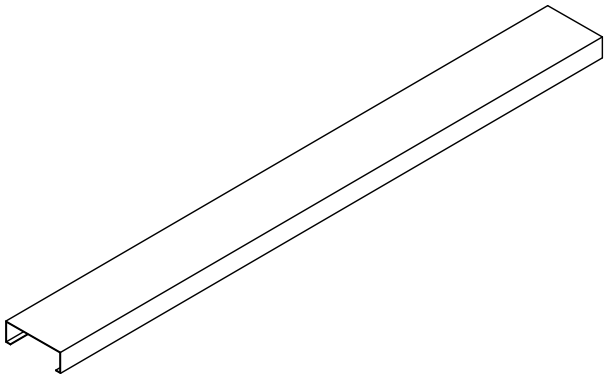


FULL WIDTH
HEAD REINF.

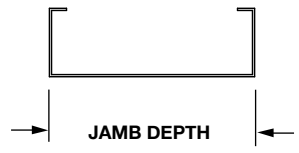
C.C.W. 92



CASED OPENING PLAIN RAIL
CASED OPENING PLAIN RAIL 4” (101.6)

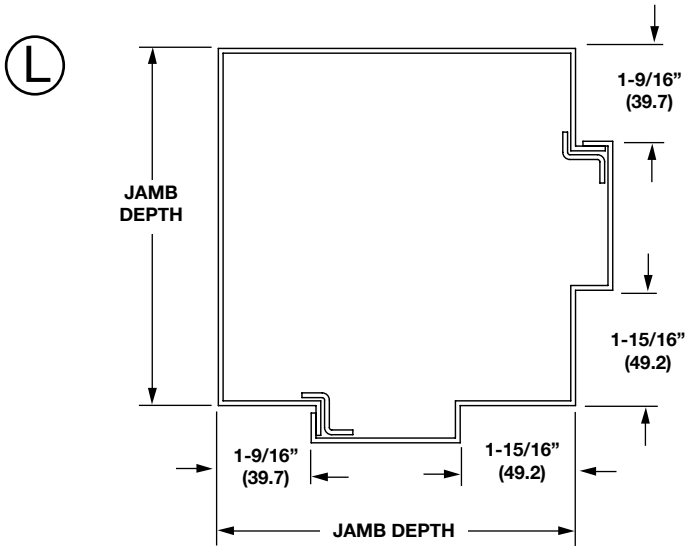


C.C.W. 40 2” FACE
C.C.W. 20 4” FACE

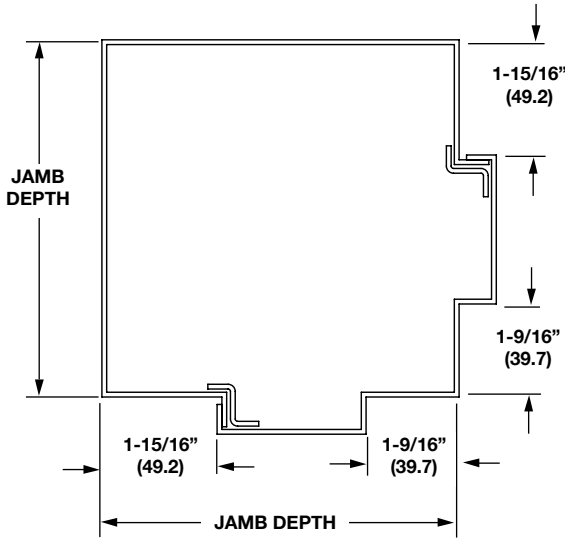


CCW 91/92 ARE 12 GAUGE

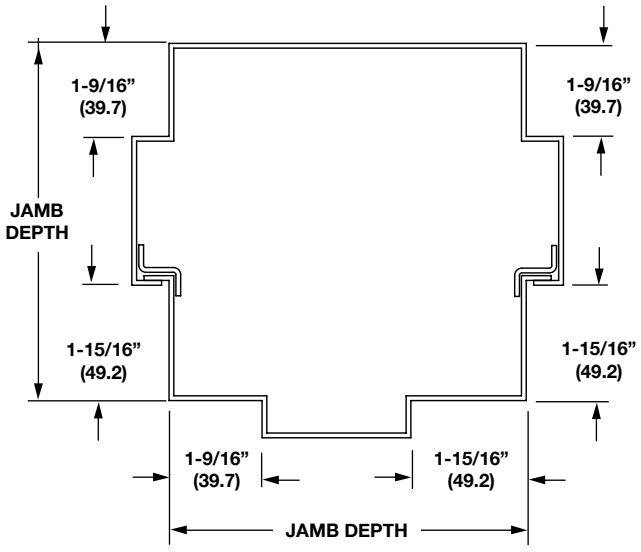
CCW - CORNERS CCW 51, 52, 53, 54 - 10’6” LENGTHS



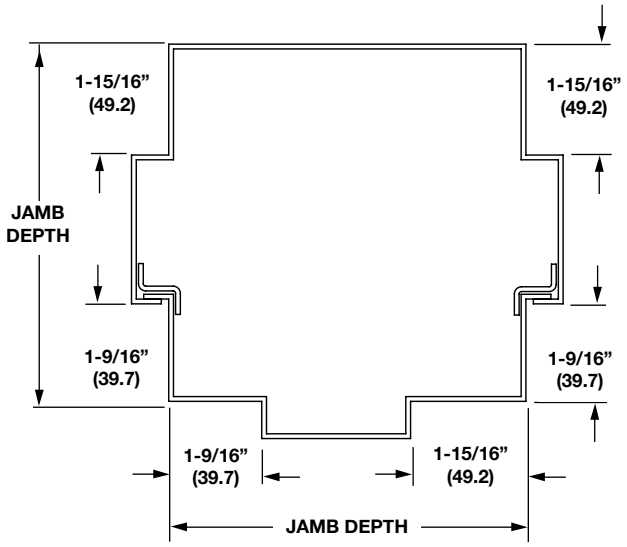
2 WAY CORNER
1-9/16” (39.7) OUTSIDE
C.C.W. 51



2 WAY CORNER
1-15/16” (49.2) OUTSIDE
C.C.W. 52



3 WAY CORNER
1-9/16” (39.7) OUTSIDE
C.C.W. 53

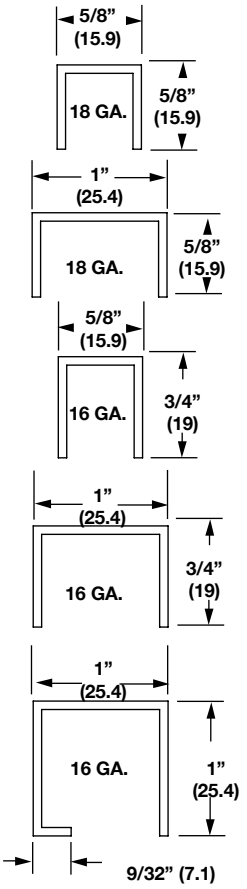


3 WAY CORNER
1-15/16” (49.2) OUTSIDE
C.C.W. 54

12 GAUGE FRAMES ARE CCW

CCW - GLASS STOP

Ⓛ



CCW#	HEIGHT X WIDTH	DESCRIPTION
93	5/8" (15.9) X 5/8" (15.9)	PRIME PAINT - PUNCHED 12" (304.8) ON CENTER
97	5/8" (15.9) X 5/8" (15.9)	PRIME PAINT - BLANK
101	5/8" (15.9) X 5/8" (15.9)	NO PAINT - BLANK
105	5/8" (15.9) X 5/8" (15.9)	NO PAINT - PUNCHED 12" (304.8) ON CENTER
94	5/8" (15.9) X 1" (25.4)	PRIME PAINT - PUNCHED 12" (304.8) ON CENTER
98	5/8" (15.9) X 1" (25.4)	PRIME PAINT - BLANK
102	5/8" (15.9) X 1" (25.4)	NO PAINT - BLANK
106	5/8" (15.9) X 1" (25.4)	NO PAINT - PUNCHED 12" (304.8) ON CENTER
95	3/4" (19) X 5/8" (15.9)	PRIME PAINT - PUNCHED 12" (304.8) ON CENTER
99	3/4" (19) X 5/8" (15.9)	PRIME PAINT - BLANK
103	3/4" (19) X 5/8" (15.9)	NO PAINT - BLANK
107	3/4" (19) X 5/8" (15.9)	NO PAINT - PUNCHED 12" (304.8) ON CENTER
96	3/4" (19) X 1" (25.4)	PRIME PAINT PUNCHED 6" (152.4) ON CENTER
100	3/4" (19) X 1" (25.4)	PRIME PAINT - BLANK
104	3/4" (19) X 1" (25.4)	NO PAINT - BLANK
108	3/4" (19) X 1" (25.4)	NO PAINT - PUNCHED 6" (152.4) ON CENTER
143	1" (25.4) X 1" (25.4)	PRIME PAINT - PUNCHED 6" (152.4) ON CENTER

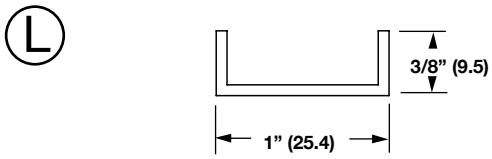
GLASS STOP IS MANUFACTURED FROM GALVANEALED STEEL.
PAINT IS CURRIES STANDARD GRAY PRIME.
PUNCHING IS FOR OVAL HEAD SCREWS SIZE #8.

NOTE: HOLE PUNCHING ON GLASS STOP IS STANDARD 12" (304.8) ON CENTER.

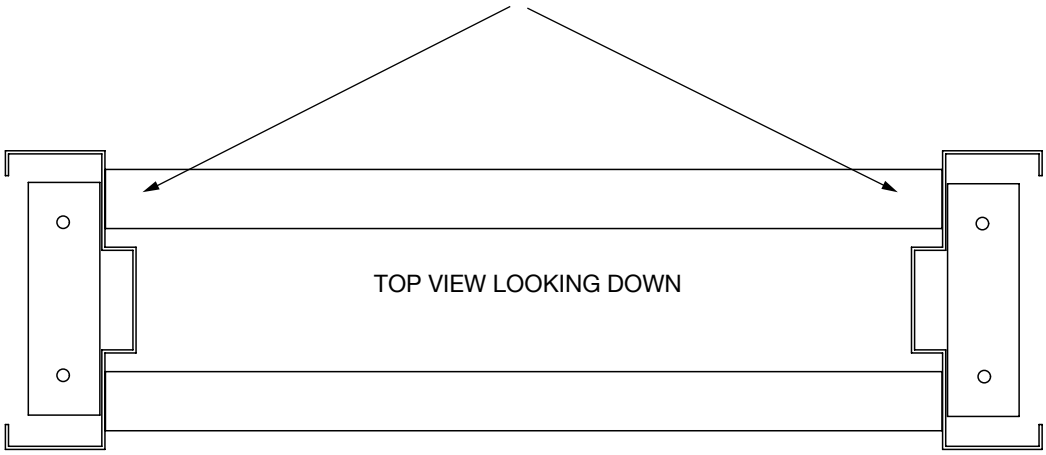
ALL GLASS STOP AND SOFFIT STOP MATERIAL COME IN 10'6" (3200.4) LENGTHS

STAINLESS STEEL GLASS STOP IS 16 GA. (1.4)

CCW - SHIPPING SPREADER BAR CCW 111 - 10’6” LENGTHS



TACK WELD SHIPPING SPREADER BAR TO BOTTOM OF FRAME RABBET INSIDE NOMINAL FRAME OPENING.

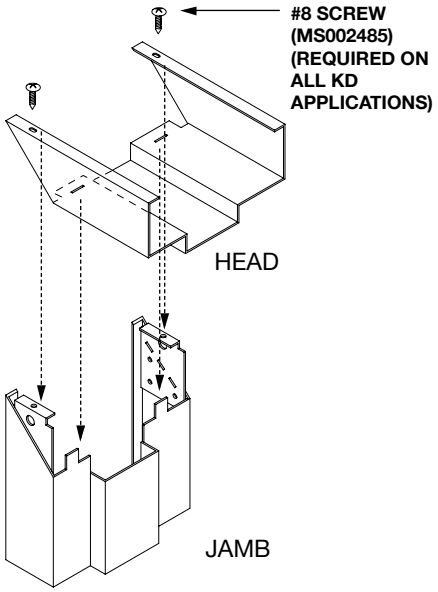


NOTE: CURRIES HOLLOW METAL FRAMES HAVE DOUBLE SHIPPING SPREADER BARS WELDED ON THE BOTTOM. THE SPREADER BARS MUST BE REMOVED AND A SETTING SPREADER USED FOR FINAL INSTALLATION. A COLD CHISEL AND HAMMER ARE RECOMMENDED TOOLS TO USE TO REMOVE THESE. THE FRAME INSTALLER ASSUMES ALL RESPONSIBILITY FOR PLUMB FRAME INSTALLATION.

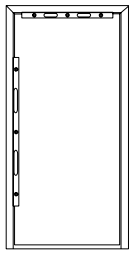
KD FRAME ASSEMBLY INSTRUCTIONS

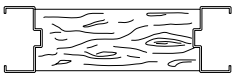
MASONRY FRAMES, THERMAL BREAK, AND CURRISEAL FOR MASONRY, METAL STUD, AND WOOD STD WALLS

ASSEMBLY OF FRAME



PLUMBING OF FRAME





SQUARING THE FRAME

THE INSTALLER SHOULD USE WOOD SPREADERS (AS DESCRIBED BELOW), A CARPENTERS LEVEL (THE LONGER THE BETTER), AND A FULL SIZE CARPENTERS SQUARE. SET THE FRAME IN THE DESIRED LOCATION. LEVEL HEAD AND PLUMB JAMBS. SHIM UNDER JAMBS IF NECESSARY.

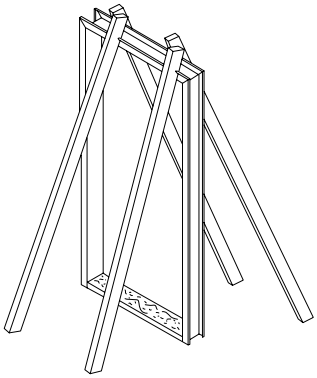
SPREADER

TYPICAL WOOD SPREADER MUST BE SQUARE AND MADE FROM LUMBER AT LEAST 1" THICK. LENGTH OF SPREADER EQUALS DOOR OPENING WIDTH AT THE HEAD. CUT CLEARANCE NOTCHES FOR FRAME STOPS AS SHOWN. SPREADER MUST BE NEARLY AS WIDE AS FRAME DEPTH FOR ACCURATE INSTALLATION.

JOB STORAGE

STORE FRAMES OFF THE GROUND ON WOOD RUNNERS OR SKIDS. DO NOT STORE DIRECTLY ON THE GROUND. COVER FRAMES WITH TARPAULIN OR PLASTIC BUT DO INSURE THAT ADEQUATE VENTILATION IS PROVIDED TO ELIMINATE MOISTURE CONDENSATION. WHEN FRAMES ARE TO BE FULLY GROUTED AND WHEN PLASTER OR MORTAR CONTAIN "ANTI-FREEZE" AGENTS, THE INSIDE OF THE FRAMES SHOULD BE COATED WITH A BITUMINOUS, WATER-RESISTANT PAINT BY THE INSTALLATION CONTRACTOR.

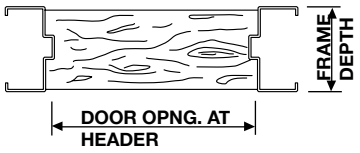
BRACING FRAMES BEFORE WALL CONSTRUCTION FOR KD AND WELDED FRAMES

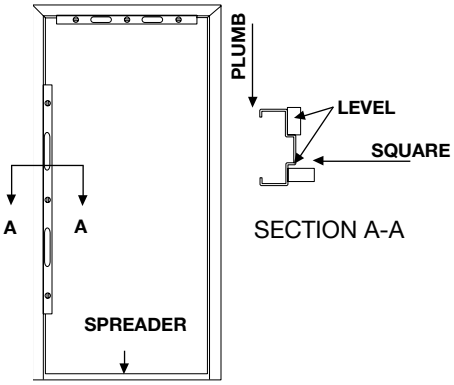


BRACING THE FRAME

BRACE THE FRAME AS SHOWN OR SHORE TO A STRUCTURE ABOVE. BRACE IN THE DIRECTION OF INTENDED WALL. PLUMB AND SQUARE JAMBS. INSTALL VERTICAL BRACE TO SUPPORT HEADER FOR OPENINGS OVER 4'0" WIDE.

NOTE ON WELDED FRAMES: SHIPPING BARS SHOULD NOT BE USED AS SPREADER. REMOVE SHIPPING BAR BEFORE SETTING FRAME.





SECTION A-A

PLUMBING THE FRAME

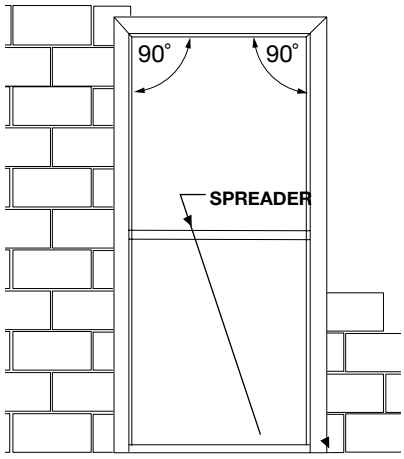
THE CONTRACTOR SHOULD BE EQUIPPED WITH A CARPENTER LEVEL, SQUARE AND SPREADER. SET THE FRAME IN DESIRED LOCATION AND LEVEL THE HEADER. SQUARE JAMBS TO HEADER. SHIM UNDER JAMBS IF NECESSARY. WITH FRAME IN PLACE, SET SPREADER AND FASTEN JAMBS TO FLOOR THROUGH FLOOR ANCHORS.

SPREADER

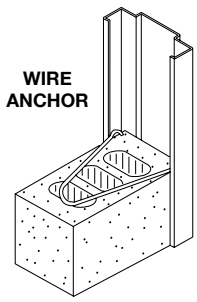
TYPICAL WOOD SPREADER MUST BE SQUARE AND FABRICATED FROM LUMBER NO LESS THAN 1" THICK. CORRECT LENGTH IS THE DOOR OPENING WIDTH BETWEEN THE JAMBS AT THE HEADER (I.E., SINGLE DOOR 3'0" = 36"). CUT CLEARANCE NOTCHES FOR FRAME STOPS. SPREADER MUST BE NEARLY AS WIDE AS FRAME DEPTH FOR ACCURATE INSTALLATION.

KD FRAME ASSEMBLY INSTRUCTIONS

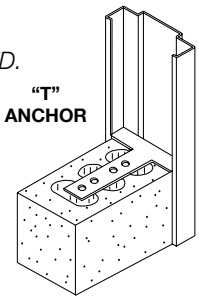
NEW MASONRY CONSTRUCTION FOR KD AND WELDED FRAMES



1. ASSEMBLE FRAME.
2. SET BRACE AND PLUMB FRAME.
3. INSTALL ANCHORS. GROUT FRAME IN THE AREA OF THE ANCHORS AS BLOCK COURSES ARE LAID UP. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE.
4. A SECOND SPREADER IS RECOMMENDED AT THE MID POINT OF THE DOOR OPENING TO MAINTAIN THE DOOR OPENING DIMENSION.
5. CONTINUALLY CHECK PLUMB AND SQUARE AS WALL PROGRESSES.



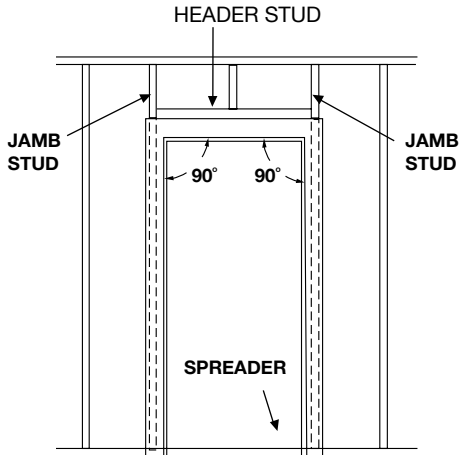
NOTE: ANCHORS IN FRAME HEADS ARE NOT REQUIRED.

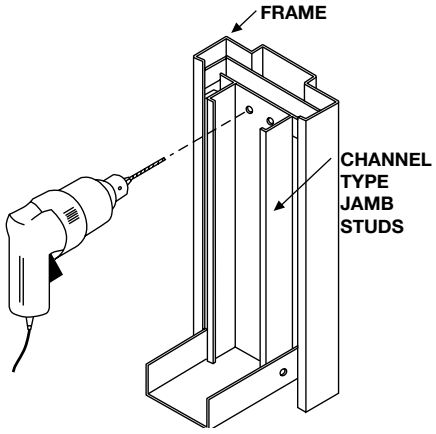


EXISTING MASONRY CONSTRUCTION

1. DRILL (4) 9/16" DIAMETER HOLES EVENLY SPACED IN EACH JAMB FOR 3/8" EXPANSION SHELL ANCHORS. INSTALL MULTIPURPOSE ANCHOR AT EACH 9/16" HOLE.
2. ASSEMBLE 3 FRAME PIECES FLAT ON FLOOR. INSTALL (4) #8 X 1/2" SHEET METAL SCREWS (INCLUDED) AT CORNERS OF HEAD TO EACH JAMB (REQUIRED FOR UNDERWRITERS LABORATORIES FIRE RATING). LOCATE REMOVABLE SPACING BAR AT BASE OF FRAME TO MAINTAIN PROPER OPENING WIDTH DURING INSTALLATION.
3. POSITION ASSEMBLED FRAME IN OPENING. PLUMB AND LEVEL THE FRAME. SHIM FRAME AS REQUIRED.
4. ANCHOR FRAME TO WALL WITH 3/8" EXPANSION SHELL ANCHORS, SHIMMING BEHIND ANCHORS AS NEEDED.

STEEL STUD WALL CONSTRUCTION WITH FLUSH OR RECESS TYPE ANCHORS FOR KD AND WELDED FRAMES





ELEVATION

1. ASSEMBLE FRAME.
2. INSTALL ANCHORS. POSITION ANCHORS IN FRAME THROUGH THE THROAT AND TAP IN WITH A HAMMER. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE.
3. SQUARE, BRACE AND PLUMB FRAME AS SHOWN.
4. SET SPREADER. ATTACH JAMBS TO FLOOR THROUGH FLOOR ANCHOR OR FLOOR EXTENSION. INSTALL JAMB STUDS TO FLOOR AND CEILING RUNNERS AND TIGHTLY AGAINST FRAME ANCHORS.
5. ATTACH STUDS TO FRAME ANCHORS AS SHOWN BELOW.

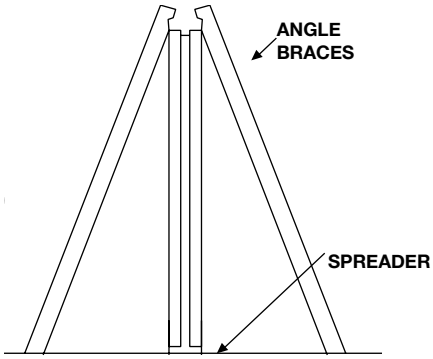
CHANNEL TYPE STEEL STUD

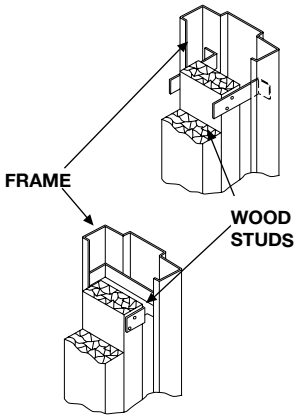
POSITION STUDS IN FRAME THROAT AND ATTACH TO ANCHORS WITH SCREWS OR WELD. IF USING SCREWS, THE INSTALLER SHOULD DRILL FROM THE BACK SIDE OF THE STUD, THROUGH BOTH THE STUD AND ANCHOR, THEN ATTACH WITH (2) SCREWS PER ANCHOR LOCATION.

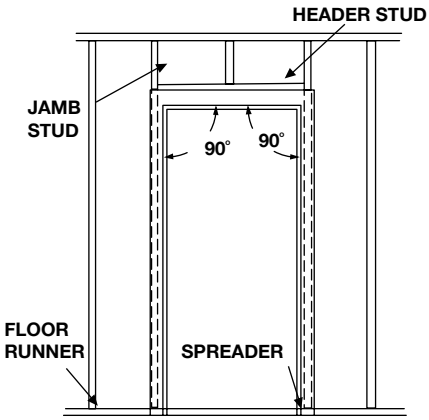
NOTE: WHEN ATTACHING HEADER STUD TO JAMB STUDS, BE SURE THE STUD IS ABOVE FRAME HEADER. THIS WILL ASSURE AMPLE ROOM FOR ATTACHING PLASTER LATH OR DRYWALL AND WILL NOT INTERFERE WITH INSTALLATION OF HARDWARE ATTACHED TO FRAME HEADER. ANCHORS ARE NOT REQUIRED IN FRAME HEADS, EXCEPT FIRE LISTED DOUBLE EGRESS OPENINGS.

KD FRAME ASSEMBLY INSTALLATION

WOOD STUD CONSTRUCTION FOR KD AND WELDED FRAMES







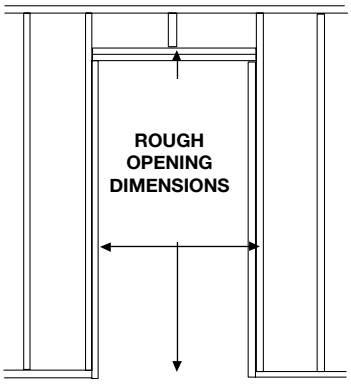
ERECT FRAME

ASSEMBLE FRAME. STAND FRAME UP IN DESIRED LOCATION. ANCHOR ONE JAMB TO FLOOR AND SET SPREADER ON FLOOR FROM ANCHORED JAMB TO LOOSE JAMB. PLUMB, LEVEL, AND SQUARE FRAME. POSITION AND ANCHOR SECOND JAMB, THEN BRACE.

NOTE: DRYWALL MUST EXTEND AT LEAST 1/2" INTO FRAME AT FIRE RATED INSTALLATIONS.

1. INSTALL ANCHORS. POSITION ANCHORS IN FRAME THROAT AND TAP IN WITH A HAMMER. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE.
2. SET SPREADER. ATTACH JAMBS TO FLOOR THROUGH FLOOR ANCHOR OR FLOOR EXTENSION. INSTALL DOUBLE JAMB STUDS TO FLOOR AND CEILING RUNNERS AND HEADER.
3. BEND ANCHOR TABS AROUND STUD LEAVING DESIRED CLEARANCE BETWEEN FRAME RETURN AND STUD FOR INSERTING FINISHED WALL MATERIAL.
4. SQUARE AND NAIL TOP ANCHOR TO STUD ON ONE JAMB ONLY. CHECK PLUMB AND SQUARE AND CONTINUE TO NAIL BALANCE OF ANCHORS TO STUD. REPEAT FOR OPPOSITE JAMB.
5. ANCHORS ARE NOT REQUIRED IN FRAME HEADS, EXCEPT FIRE LISTED DOUBLE EGRESS OPENINGS.

WOOD STUD CONSTRUCTION (STUDS ERECTED BEFORE FRAME)

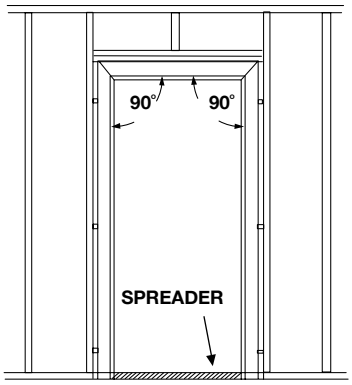


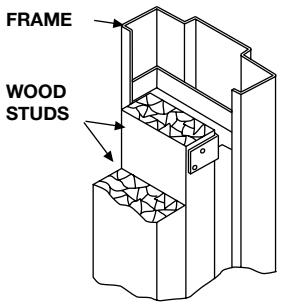
ROUGH OPENING

BUILD ROUGH OPENING. ROUGH OPENING DIMENSIONS FOR 2" FACE FRAMES SHOULD BE 4-1/4" - 4-1/2" LARGER THAN DOOR WIDTH AND 2-1/4" - 2-1/2" LARGER THAN DOOR HEIGHT. IT IS RECOMMENDED THAT DOUBLE STUDS BE USED AT JAMBS AND HEADERS.

NOTE: DRYWALL MUST EXTEND AT LEAST 1/2" INTO FRAME AT FIRE RATED INSTALLATIONS.

1. ASSEMBLE FRAME.
2. INSTALL ANCHORS. POSITION ANCHORS IN FRAME THROAT AND TAP IN WITH A HAMMER. FRAMES MAY ALSO BE SUPPLIED WITH ANCHORS WELDED IN PLACE. BASE ANCHORS MAY ALSO BE USED. IF BASE ANCHOR CANNOT BE USED ADD ONE ANCHOR PER JAMB AT BOTTOM.
3. PLACE FRAME IN ROUGH STUD OPENING.
4. BEND ANCHOR TABS AROUND STUD LEAVING DESIRED CLEARANCE BETWEEN FRAME RETURN AND STUD FOR INSERTING FINISHED WALL MATERIAL.
5. SET SPREADER AND LEVEL FRAME. SHIM JAMBS IF NECESSARY.
6. SQUARE AND NAIL TOP ANCHOR TO STUD ON ONE JAMB ONLY. CHECK PLUMB AND SQUARE AND CONTINUE TO NAIL BALANCE OF ANCHORS TO STUD. REPEAT FOR OPPOSITE JAMB.
7. ANCHORS ARE NOT REQUIRED IN FRAME HEADS, EXCEPT FIRE LISTED DOUBLE EGRESS OPENINGS.





CURRIES

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FIRE DOOR LIMITATIONS AND REQUIREMENTS

CURRIES FIRE RATED DOORS AND FRAMES ARE LISTED AND LABELED BY UNDERWRITERS LABORATORIES, LLC (UL) AND INTERTEK-WARNOCK HERSEY (INTERTEK). DOORS AND FRAMES WERE TESTED IN ACCORDANCE WITH UL 9, UL 10B, UL 10C, ASTM E2074, ASTM E152, NFPA 252, NFPA 257, UBC 7-2, CAN4S-104 AND CAN4S-106. ASTM E152 AND ASTM E2074 HAVE BEEN WITHDRAWN AND ARE CONSIDERED OBSOLETE ALTHOUGH INCLUDED AS A REFERENCE STANDARD IN SOME JOB SPECIFICATIONS. UBC 7-2 HAS LARGELY BEEN REPLACED BY THE INTERNATIONAL BUILDING CODE (IBC).

THE FIRE RATED LABELS THAT WE APPLY TO DOORS AND FRAMES SIGNIFY COMPLIANCE WITH BOTH NEUTRAL AND POSITIVE PRESSURE TEST REQUIREMENTS.

GENERAL

- ONLY LISTED DOORS MAY BE USED IN A FIRE RATED OPENING.
- EVERY LABELED SWINGING FIRE DOOR MUST HAVE A SELF LATCHING DEVICE.
- APPROVED HARDWARE AND COMPONENTS ARE LISTED IN THE UNDERWRITERS LABORATORIES “UL ONLINE CERTIFICATIONS DIRECTORY” OR ITS/WARNOCK HERSEY “DIRECTORY OF LISTED PRODUCTS”.
- LABELED DOORS MAY BE STAINLESS STEEL.
- VIEWERS MUST BE LISTED. CONSULT MANUFACTURERS LISTING FOR LIMITATIONS.
- THE RATING FOR THE OPENING IS THE RATING OF THE LOWEST RATED COMPONENT.
- EMBOSSED PANEL DOORS HAVE THE SAME FIRE RATING AS 707 DOORS.
- NFPA 80 SHALL BE FOLLOWED FOR INSTALLATION.

ASTRAGALS

ASTRAGALS MAY NOT BE USED AT ANY HOURLY RATINGS FOR STANDARD PAIRS OF ANY DOOR MODEL WITH VERTICAL ROD EXIT DEVICES ON BOTH LEAVES.

PAIRS OF DOORS WITH RIM OR MORTISE EXIT DEVICES THAT LATCH INTO A HARDWARE OR HOLLOW METAL MULLION CAN BE LABELED TO THE SAME CAPABILITIES AS TWO (2) SINGLE DOORS (CHECK WITH AUTHORITY HAVING JURISDICTION (AHJ) PRIOR TO USING THIS CAPABILITY TO VERIFY ACCEPTANCE).

ASTRAGALS, WHEN REQUIRED FOR FIRE PROTECTION, MUST BE A STEEL OVERLAPPING DESIGN IN ACCORDANCE WITH OUR PROCEDURES. SPLIT ASTRAGALS AND MEETING STILE GASKETING THAT ARE FIRE RATED UP TO 180 MINUTES CANNOT BE USED ON CURRIES FIRE RATED DOORS THAT REQUIRE A STEEL OVERLAPPING ASTRAGAL FOR FIRE PROTECTION. THESE FIRE RATED SPLIT ASTRAGALS AND MEETING STILE GASKETS MAY BE USED ON CURRIES FIRE RATED DOORS THAT DON’T REQUIRE A STEEL OVERLAPPING ASTRAGAL FOR FIRE PROTECTION.

ASTRAGALS SHALL BE ATTACHED WITH WELDS OR SCREWS AND PROJECT 3/4” MINIMUM BEYOND THE LOCK EDGE OF THE DOOR.

A HARDWARE COORDINATOR MUST BE USED TO ENSURE PROPER CLOSING WHEN ASTRAGALS ARE USED ON PAIRS OF DOORS EQUIPPED WITH VERTICAL ROD EXIT DEVICE ON ONE LEAF AND A MORTISE EXIT DEVICE ON THE OTHER LEAF.

ASTRAGAL USAGE REQUIREMENTS

THE OBJECTIVE OF THIS SPECIFICATION IS TO SUMMARIZE THE USE OF STEEL OVERLAPPING ASTRAGALS ON THE MEETING EDGE OF STANDARD SWING AND DOUBLE EGRESS PAIRS. MOST OF THE REQUIREMENTS ARE APPLICABLE TO FIRE RATED PRODUCT LIMITATIONS. UNDERWRITERS LABORATORIES AND INTERTEK CAPABILITIES THAT ARE DIFFERENT ARE LISTED SEPARATELY.

UNDERWRITERS LABORATORIES:

ASTRAGALS (12GA. FLAT OR 14 GA. Z-SHAPED) ARE OPTIONAL ON ALL STANDARD PAIRS AND DOUBLE EGRESS MODEL 707 DOORS WITH A FIRE RATING UP TO AND INCLUDING 1-1/2 HOURS.

ASTRAGALS ARE REQUIRED ON ALL MODEL 707 DOORS WITH A FIRE RATING OF 3 HOURS.

ASTRAGALS ARE OPTIONAL ON ALL STANDARD PAIRS AND DOUBLE EGRESS MODEL 747 DOORS WITH A FIRE RATING UP TO AND INCLUDING 3 HOURS.

ASTRAGALS ARE REQUIRED ON ALL MODEL 727 DOORS AT ALL HOURLY RATINGS AND OPENING SIZES.

INTERTEK (WARNOCK HERSEY):

ASTRAGALS ARE OPTIONAL ON THE FOLLOWING DOORS UP TO 3 HOURS:

STANDARD PAIRS:

MODEL 707	8080 MAXIMUM OPENING SIZE (POLYSTYRENE AND HONEYCOMB CORES)
MODEL 747	80100 MAXIMUM OPTING SIZE

DOUBLE EGRESS:

MODEL 707	8080 MAXIMUM OPENING SIZE
MODEL 747	80100 MAXIMUM OPENING SIZE

ASTRAGALS ARE OPTIONAL ON MODEL 727 DOORS UP TO AND INCLUDING 1-1/2 HOURS. ASTRAGALS ARE REQUIRED ON MODEL 727 DOORS WHEN THE HOURLY RATING EXCEEDS 1-1/2 HOURS.

CLEARANCES

- THE MAXIMUM CLEARANCE BETWEEN THE DOOR AND FRAME AND BETWEEN MEETING EDGES OF DOORS SWINGING IN PAIRS IS 1/8 INCH (RE: NFPA80). REFER TO CURRIES TECH DATA SECTIONS FOR DESIGN CLEARANCES ON CURRIES DOORS.
- THE MAXIMUM CLEARANCES UNDER THE BOTTOM OF A FIRE DOOR SHALL BE 3/4” (19 MM) PER NFPA 80.

NOTE: DOORS WITH VERTICAL ROD DEVICES MAY HAVE BOTTOM LATCHES THAT MAY NOT ENGAGE THE STRIKE IF MAXIMUM ALLOWED CLEARANCES ARE USED.

FIRE DOOR LIMITATIONS AND REQUIREMENTS

CLOSING DEVICES

- A CLOSING DEVICE SHALL BE INSTALLED ON EVERY FIRE DOOR.
- CLOSER REINFORCEMENTS ARE FURNISHED AS STANDARD ON CURRIES FIRE RATED DOORS.
- IF THE CLOSER IS INSTALLED WITH SEX BOLTS, THE CLOSER REINFORCEMENT MAY BE OMITTED ON FIRE RATED DOORS.
- SPRING HINGES MAY BE USED INSTEAD OF A CLOSER AND A CLOSER REINFORCING. AT LEAST TWO SPRING HINGES ARE REQUIRED PER DOOR LEAF.
- THE CLOSER MAY BE OMITTED ON THE INACTIVE LEAF OF PAIRSOF DOORS TO MECHANICAL EQUIPMENT ROOMS (RE: NFPA80).
- OVERHEAD STOPS MAY BE USED IF THEY DO NOT INHIBIT THE DOOR FROM CLOSING AND LATCHING.
- IF AN ASTRAGAL OR PROJECTING LATCH BOLT PREVENTS THE INACTIVE DOOR FROM CLOSING AND LATCHING BEFORE THE ACTIVE DOOR, A COORDINATING DEVICE SHALL BE USED. A COORDINATING DEVICE IS NOT REQUIRED WHERE EACH DOOR LEAF OF A PAIR OF DOORS CLOSES AND LATCHES INDEPENDENTLY OF EACH OTHER.
- DOOR HOLDER/RELEASE DEVICES ARE PERMITTED WHEN ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.THESEARE FAIL-SAFE DEVICES, CONTROLLED BY A DETECTION DEVICETO RELEASE THE DOOR IN THE EVENT OF FIRE (RE: NFPA80).

DUTCH DOORS

- THE UPPER AND LOWER LEAF MAY LATCH INTO THE FRAME OR THE UPPER LEAF MAY LATCH IN LOWER LEAF WHICH LATCHES INTO THE FRAME.
- THE TOP LEAF MUST BE EQUIPPED WITH A CLOSING DEVICE AND A HORIZONTAL ASTRAGAL THAT BRINGS THE BOTTOM LEAFCLOSED
- FIRE-RATED DUTCH DOORS MUST HAVE A HORIZONTAL ASTRAGALATTACHED
- TO THE BOTTOM OF THE TOP LEAF FOR ALL HOURLY RATINGS.

EXIT DEVICES

- CURRIES LABELED FIRE EXIT DOORS MAY BE PREPARED FOR ANYLISTED FIRE EXIT HARDWARE DEVICE.
- THE DOOR SIZE MUST MUST NOT EXCEED THE MAXIMUM DOORSIZE LISTED FOR THE INDIVIDUAL HARDWARE MANUFACTURERSDEVICES.
- DOORS THAT ARE REINFORCED FOR FIRE EXIT HARDWARE MUSTBEAR A LABEL WHICH STATES “FIRE DOOR TO BE EQUIPPED WITHFIRE EXIT HARDWARE.”
- FIRE EXIT HARDWARE MAY BE APPLIED TO DOORS THAT ARE NOTREINFORCED FOR SUCH HARDWARE BY USING SEX BOLTS OR THROUGH BOLTS. THESE DOORS MAY NOT BEAR THE LABEL “FIRE DOOR TO BE EQUIPPED WITH FIRE EXIT HARDWARE.”
- VERTICAL ROD EXIT DEVICES MAY NOT BE USED ON A SINGLE DOOR (THIS DOES NOT INCLUDE LESS BOTTOM ROD DEVICES THAT HAVE A MORTISE LOCK.)

GASKETING/EDGE SEALS

- ONLY LISTED GASKETING MATERIAL MAY BE USED, CONSULT THE U.L. CERTIFICATIONS (ONLINE) DIRECTORY INTERTEK LISTEDPRODUCT DIRECTORIES.
- SMOKE AND DRAFT CONTROL ASSEMBLIES MUST EMPLOY GASKETS LISTED FOR SMOKE AND DRAFT CONTROL.
- CURRIES FIRE RATED DOORS DO NOT REQUIRE THE USE OF EDGESEAL SYSTEMS (INTUMESCENTS).

GLASS/GLAZING

- SEE GLAZING CAPABILITY CHARTS FOR TYPE, SIZE, AND RATINGOF GLASS.

HINGES

- DOORS UP TO 60 INCHES IN HEIGHT REQUIRE TWO LEAF TYPE HINGE. AN ADDITIONAL HINGE MUST BE USED FOR EACH ADDITIONAL 30 INCHES OF HEIGHT OR FRACTION THEREOF (NFPA80).
- CURRIES FIRE DOORS OVER 96 INCHES IN HEIGHT MAY BE PREPARED FOR STANDARD WEIGHT HINGES.
- LISTED CONTINUOUS HINGES, PIVOTS, OR ELECTRIC HINGES MAYBE USED WITH CURRIES FIRE RATED DOORS.

LABELS

- THE METAL FIRE LABEL ON CURRIES DOORS AND FRAMES MAY BE ATTACHED MECHANICALLY (DRIVE SCREWS, FASTENERS, STEEL POP-RIVETS OR ADHESIVELY).
- LABELS MAY BE APPLIED ONLY AT AUTHORIZED LOCATIONS.
- A FIELD INSPECTION IS REQUIRED FOR A LABEL TO BE APPLIED ATA JOBSITE.

LOCKS

- THE DOOR SIZE USED MUST NOT EXCEED THE MAXIMUM DOORSIZE LISTED FOR THE INDIVIDUAL HARDWARE MANUFACTURERSDEVICES.
- REFER TO THE HARDWARE MANUFACTURER’S LISTING TO DETERMINE CAPABILITY TO SUPPLY SINGLE POINT LOCKS FOR DOORS OVER 8 FEET IN HEIGHT.
- LATCH THROW REQUIREMENTS

607 & 707 SINGLE:	1/2 INCH MINIMUM LATCH THROW
607 & 707 PAIRS:	5/8 INCH MINIMUM LATCH THROW ON PAIRS TO 8 FEET IN HEIGHT.
707 PAIRS:	3/4 INCH MINIMUM LATCH THROW ON PAIRS TO 10 FEET IN HEIGHT.
727 SINGLE:	1/2 INCH MINIMUM LATCH THROW
727 PAIRS:	5/8 INCH MINIMUM LATCH THROW
747 & 847 SINGLE:	1/2 INCH MINIMUM LATCH THROW
747 & 847 PAIRS:	5/8 INCH MINIMUM LATCH THROW
747 DOORS MAY ALSO BE PREPARED FOR TWO AND THREE POINT LATCHING DEVICES.	

FIRE DOOR LIMITATIONS AND REQUIREMENTS

LOCKS (CONTINUED)
- DEAD BOLTS MAY NOT BE USED ON DOORS WHICH ARE IN A MEANS OF EGRESS. LOCKS WITH DEAD BOLTS THAT ARE INTERCONNECTED WITH LATCH BOLTS AND RETRACT SIMULTANEOUSLY WHEN THE LATCH BOLT IS RETRACTED MAY BE USED ON FIRE DOORS WITHIN A MEANS OF EGRESS.
- DEAD BOLTS MAY BE USED IN ADDITION TO AN ACTIVE LATCH BOLT ON DOORS THAT ARE NOT IN A MEANS OF EGRESS, OR AS OTHERWISE PERMITTED BY THE AUTHORITY HAVING JURISDICTION.

LOUVERS
- ANY LISTED AUTOMATIC FUSIBLE LINK LOUVER MAY BE USED IN CURRIES LABELED DOORS.
- MAXIMUM RATING FOR LOUVERS IS 90 MINUTES.
- MAXIMUM LISTED LOUVER SIZE IS 24 X 24 INCHES.
- LOUVERS MAY NOT BE INSTALLED IN THE UPPER HALF OF A FIRE DOOR.
- LOUVERS MAY NOT BE INSTALLED IN 20 MINUTE DOORS.

MODIFICATIONS

ANY RETROFIT OR OTHER FIELD MODIFICATION TO A FIRE RATED OPENING CAN POTENTIALLY IMPACT THE FIRE RATING OF THE OPENING, AND CURRIES MAKES NO REPRESENTATIONS OR WARRANTIES CONCERNING WHAT SUCH IMPACT MAY BE IN ANY SPECIFIC SITUATION. WHEN RETROFITTING ANY PORTION OF AN EXISTING FIRE RATED OPENING, OR SPECIFYING AND INSTALLING A NEW FIRE-RATED OPENING, PLEASE CONSULT WITH A CODE SPECIALIST OR LOCAL CODE OFFICIAL (AUTHORITY HAVING JURISDICTION) TO ENSURE COMPLIANCE WITH ALL APPLICABLE CODES AND RATINGS.

PAIRS OF DOORS
- THE INACTIVE LEAF OF PAIRS OF DOORS MAY BE PROVIDED WITH SELF-LATCHING TOP AND BOTTOM BOLTS OR AUTOMATIC FLUSH BOLTS OR LABELED TWO POINT LATCHES. MANUAL BOLTS EITHER MORTISE OR SURFACE MAY BE USED ON DOORS TO ROOMS NOT NORMALLY OCCUPIED BY HUMANS.
- DOUBLE EGRESS DOORS ARE INTENDED TO BE PROVIDED WITH VERTICAL ROD EXIT DEVICES (CONCEALED OR SURFACE MOUNTED).
- OPEN BACK STRIKES MAY BE USED ON PAIRS OF 707 OR 747 DOORS TO A MAXIMUM OF 8'0" HIGH, MAXIMUM HEIGHT FOR 607 DOORS IS 7'0" HIGH.
- TWO DOORS IN THE SAME FRAME SEPARATED BY A HOLLOW METAL MULLION ARE TREATED AS TWO SINGLE DOORS.

PROTECTION PLATES/PLANT ONS
- PROTECTION PLATES OR KICK PLATES MAY BE A MAXIMUM OF 46" WIDE X 36" HIGH AND MAY BE ATTACHED TO BOTH FACES OF A DOOR. NFPA 80 STATES THAT LABELING IS NOT REQUIRED ON PROTECTION PLATES LESS THAN 16". FIELD INSTALLED PLATES MUST BE LABELED AND INSTALLED IN ACCORDANCE WITH THE PROTECTION PLATE MANUFACTURER'S LISTING. THE PROTECTION PLATE MANUFACTURER SHOULD ADVISE SIZE AND INSTALLATION LIMITATIONS. PROTECTION PLATES ARE LISTED UNDER UL CATEGORY CODE GVUX.
- PLANT-ONS, DECORATIVE MOLDINGS, OR CLADDING MAY NOT BE USED ON CURRIES FIRE DOORS.

SMOKE AND DRAFT CONTROL
- ALL COMPONENTS USED IN A SMOKE AND DRAFT CONTROL ASSEMBLY MUST PASS A 20 MINUTE WITHOUT HOSE STREAM FIRE TEST.
- ONLY GASKETS LISTED FOR SMOKE AND DRAFT CONTROL MAYBE USED FOR SMOKE AND DRAFT CONTROL ASSEMBLIES.
- THE GASKETS USED FOR A SMOKE AND DRAFT CONTROL ASSEMBLY MUST BE LISTED FOR THE TYPE OF DOOR INSTALLEDIN THE FRAME, I.E. HOLLOW METAL OR WOOD.
- WOOD DOORS USED IN A SMOKE AND DRAFT ASSEMBLY THAT DO NOT HAVE INTUMESCENT IMBEDDED IN THE DOOR EDGE MAY REQUIRE AN EDGE SEAL (INTUMESCENT) AND A SMOKE AND DRAFT CONTROL QUALIFIED GASKET TO BE INSTALLED IN THE DOOR FRAME.

TEMPERATURE RISE DOORS
- THE L727 SERIES DOOR MAY BE USED IN 250˚ AND 450˚ TEMPERATURE RISE APPLICATIONS.
- A STEEL OVERLAPPING ASTRAGAL IS REQUIRED ON ALL FIRE-RATED PAIRS OF 727 DOORS.
- THE 747 TEMPERATURE RISE DOOR IS AVAILABLE AT A 450˚ RATING ONLY.

VISION LIGHT REQUIREMENTS
- NO GLASS SHOULD BE USED IN EXTERIOR DOORS SUBJECT TO A SEVERE FIRE EXPOSURE.
- ANY LISTED FIRE DOOR VISION LIGHT KIT MAY BE USED IN CURRIES LABELED DOORS. VISION KITS SHOULD BE LISTED FOR USE IN THE TYPE OF DOOR CONSTRUCTION THEY ARE INSTALLED IN.
- CURRIES VISION LIGHT KITS MAY BE USED IN CURRIES DOORS ONLY.
- MINIMUM STILE BETWEEN VISIBLE GLASS AND THE EDGE OF DOOR IS 6 INCHES, THE MINIMUM DISTANCE BETWEEN TWO VISION LIGHT KITS IS 6" FROM VISIBLE GLASS TO VISIBLE GLASS.
- NFPA 80 ALLOWS VISION LITE KITS UP TO 100 SQ. INCHES IN 250˚ AND 450˚ TEMP. RISE APPLICATIONS. AUTHORITY HAVING JURISDICTION MAY ALLOW USE OF SPECIALTY GLAZING(SEE GLAZING CHART FOR APPROVED GLAZING) OVER 100 SQ. INCHES.

FIRE DOOR CAPABILITIES CHART

SERIES SKIN GAUGES DOOR THICKNESS INCHES (MM)			L607 20 OR 18 1 – 3/4 (44)	L707 20 OR 18 1 – 3/8 (35)	L707 20, 18, 16 1 – 3/4 (44)	L707 14 1 – 3/4 (44)	L727 [2] 18 OR 16 1 – 3/4 (44)	L747 18 OR 16 1 – 3/4 (44)	L747 TR[2] 18 OR 16 1 – 3/4 (44)	L747 14 1 – 3/4 (44)	L757 16 OR 14 1 – 3/4 (44)	L777 18,16,14 1-3/4 (44)	L777E 18 OR 16 1-3/4 (44)	L847 14 1 – 3/4 (44)	L857 14 2 (51)
	TYPE	**RATING**	**MAXIMUM OPENING SIZE**												
	SINGLE FLUSH	180 MIN. 90 MIN. 60 MIN. 45 MIN. 20 MIN.	4070 (1219X2134)	3472 (1016X2184)	4080 (1219X2438)	4080 (1219X2438)	4080 (1219X2438)	40100 (1219X3048)	40100 (1219X3048)	4080 (1219X2438)	4080 (1219X2438)	4080 (1219X2438)	4080 (1219X2438) UL ONLY, WH MAX. 90 MINUTES	4080 (1219X2438)	4080 (1219X2438)
	PAIR FLUSH	180 MIN. 90 MIN. 60 MIN. 45 MIN. 20 MIN.	8070 (2438X2134)		8080 (2438X2438)	8080 (2438X2438)	8080 (2438X2438)	80100 (2438X3048)	80100 (2438X3048)	8080 (2438X2438)	8080 (2438X2438)	8080 (2438X2438) 8090 (2438X2743) MAX 90 MIN.	8080 (2438X2438) UL ONLY, WH MAX. 90 MINUTES	8080 (2438X2438)	
	DBL EGRESS FLUSH	180 MIN. 90 MIN. 60 MIN. 45 MIN. 20 MIN.	6070 (1829X2134)		6080 (1829X2438)	6080 (1829X2438)	8080 (2438X2438)	80100 (2438X3048)	80100 (2438X3048)	8080 (2438X2438)				8080 (2438X2438)	
	SINGLE LOUVER	90 MIN. 45 MIN.	4070 (1219X2134)		4080 (1219X2438)	4080 (1219X2438)		40100 (1219X3048)		4080 (1219X2438)		4080 (1219X2438)	4080 (1219X2438)	4080 (1219X2438)	4080 (1219X2438)
	PAIR LOUVER	90 MIN. 45 MIN.	8070 (2438X2134)		8080 (2438X2438)	8080 (2438X2438)		80100 (2438X3048)		8080 (2438X2438)		8080 (2438X2438)	8080 (2438X2438)	8080 (2438X2438)	
	DUTCH DOOR FLUSH	180 MIN. 90 MIN. 60 MIN. 45 MIN. 20 MIN.						3872 (1118X2184)							
	SINGLE EMBOSSED PANEL	180 MIN. 90 MIN. 45 MIN. 20 MIN.			3470 (1016X2134) 3670[4] (1067X2134)						3470 (1016X2134)				
	PAIR EMBOSSED PANEL	180 MIN. 90 MIN. 45 MIN. 20 MIN.			6870 (2032X2134) 7070[4] (2032X2134)										
	SINGLE FULL GLASS	20 MIN. WITHOUT HOSE STREAM			4080 (1219X2438)	4080 (1219X2438)		4080 (1219X2438)		4080 (1219X2438)		4080 (1219X2438)	4080 (1219X2438)		
	PAIR FULL GLASS	20 MIN. WITHOUT HOSE STREAM			8080 (2438X2438)	8080 (2438X2438)		8080 (2438X2438)		8080 (2438X2438)		8080 (2438X2438)	8080 (2438X2438)		

NOTES:
1) SEE DOOR GLAZING SPECIFICATIONS FOR GLAZING REQUIREMENTS
2) 180, 90, 60, 45 MIN. LABELS ONLY
3) MINERAL CORE PANEL
4) 18 GAUGE

	SINGLE[3] PANEL DOOR	90 MIN. 45 MIN. 20 MIN.			4080 (1219X2438)	4080 (1219X2438)		4080 (1219X2438)		4080 (1219X2438)					

NOTES: SEE PAGE 164 FOR MORE INFORMATION ON PANEL DOORS

DOOR GLAZING CHART

FOR USE WITH CURRIES' VISION LIGHT FRAMES

GLASS TYPE BRAND OR DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN. (SEE NOTE 6)	MAX WIDTH INCHES (SEE NOTE 6)	MAX HEIGHT INCHES (SEE NOTE 6)	GLASS THICKNESS INCHES	MIN STOP HEIGHT INCHES	MIN POCKET WIDTH INCHES
LISTED WIRE GLASS	20 MIN W/O HOSE	2294	35-13/16	83-5/8	1/4	5/8	3/8
LISTED WIRE GLASS	20 AND 45 MINUTE	1296	54	54	1/4	5/8	3/8
LISTED WIRE GLASS	90 MINUTE	100 PER LEAF	12	33	1/4	5/8	3/8
CENTRAL/ASAHI OR PILKINGTON WIRE GLASS WITH PEMKO FG3000	20 AND 45 MINUTE	2856	34	84	1/4	5/8	7/16
CENTRAL/ASAHI OR PILKINGTON WIRE GLASS WITH PEMKO FG3000	90 MINUTE	552 PER LITE 2204 PER LEAF	12	46	1/4	5/8	7/16
FIREGLAS 20[7] (TECHNICAL GLASS)	20 MIN W/O HOSE	3024	36	89	SEE NOTE 1	5/8	SEE NOTE 1
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	20 MIN W/O HOSE	3204	36	89	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	20 AND 45 MINUTE	3204	36	89	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	60 MINUTE (SEE NOTE 5)	3204	36	89	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	90 MINUTE (SEE NOTE 5)	1296 PER LEAF	36	54	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[7] (TECHNICAL GLASS)	180 MINUTE (SEE NOTE 5)	100 PER LEAF	33	33	SEE NOTE 2	5/8	SEE NOTE 2
PYROSTOP [7] SEE NOTE 3	60 MINUTES (SEE NOTE 5)	1080	36	36	1-1/16	5/8	1-3/16
PYROSTOP [7] SEE NOTE 3	90 MINUTES (SEE NOTE 5)	1080	36	36	1-9/16	5/8	1-11/16
UL PANEL 1/2"	90 MINUTES	1296 PER PANEL 2592 PER LEAF	36	36	1/2" PANEL	3/4	1/2

NOTE 1 *FIREGLAS IS AVAILABLE IN 1/4", 3/8", 1/2", AND 3/4" THICKNESS. POCKET WIDTH IS 1/8" GREATER THAN GLASS THICKNESS*

NOTE 2 *FIRELITE AND FIRELITE NT ARE 3/16" THICK, 3/8" MINIMUM POCKET WIDTH; FIRELITE PLUS IS 5/16" THICK 1/2" MINIMUM POCKET WIDTH; FIRELITE IGU IS 1" THICK, 1-1/8" MINIMUM POCKET WIDTH.*

NOTE 3 *PYROSTOP MAY BE USED ON CURRIES DOORS WITH 250 OR 450 DEGREE TEMPERATURE RISE RATINGS.*

NOTE 4 *ALL GLASS AREAS ARE PER VISION LIGHT, UNLESS OTHERWISE INDICATED. MULTIPLE VISION LIGHTS ARE ALLOWED.*

NOTE 5 *CODE REQUIREMENTS MAY LIMIT USE IN 60 MINUTE OR GREATER DURATIONS. USE IS SUBJECT TO THE APPROVAL OF AUTHORITY HAVING JURISDICTION.*

NOTE 6 *WARNOCK HERSEY LIMITATIONS MAY BE LESS THEN PUBLISHED DIMENSIONS.*

NOTE 7 *UL LISTING ONLY.*

KD FIRE DOOR FRAME CAPABILITIES CHART

HOUR RATING		180 (3 HOUR) MASONRY WALLS ONLY	90 (1-1/2 HOUR)	45 (3/4 HOUR)	20 (20 MINUTE)
PROFILE TYPE	**MAT'L GAUGE**	**JAMB DEPTH SIZES (7**			
1" FACE FRAME M	16 14 12	4" MIN. - 14" MAX. (102) - (356)	4" MIN. - 14" MAX. (102) - (356)	4" MIN. - 14" MAX. (102) - (356)	4" MIN. - 14" MAX. (102) - (356)
1-1/4" - 4" FACE FRAME M	16 14 12	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)
CM	16 14	3-1/4"(4 MIN. - 14" MAX. (83) - (356)(2	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)
C (1, (6	16 14	NOT AVAILABLE	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX (83) - (356)
C (1, (6	16 14	NOT AVAILABLE	4-5/8" MIN. - 14" MAX. (117) - (356)	4-5/8" MIN. - 14" MAX. (117) - (356)	4-5/8" MIN. - 14" MAX. (117) - (356)
G (1	16 14 12	NOT AVAILABLE	3-1/4"(2 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)
CMG	16 14	3-1/4"(3 MIN. - 14" MAX. (83) - (356)(2	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4"(3 MIN. - 14" MAX. (83) - (356)	3-1/4" MIN. - 14" MAX. (83) - (356)
DEM	16 14 12	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)	4-3/4" MIN. - 14" MAX. (121) - (356)
WM	16 14	5-1/4" MIN. - 14" MAX (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)
WCM	16 14	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)	5-1/4" MIN. - 14" MAX. (133) - (356)
WG	16 14	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)
WCG	16 14	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)	4-1/8" MIN. - 14" MAX. (105) - (356)
WC (1	16	NOT AVAILABLE	4-5/8" MIN. - 14" MAX. (118) - (356)	4-5/8" MIN. - 14" MAX. (118) - (356)	4-5/8" MIN. - 14" MAX. (118) - (356)

(1 COMPRESSION ANCHOR
(2 ONLY MASONRY WALLS WITH APPROVED CORNER CLIP
(3 3-1/4"-4" JAMB DEPTH FOR 1-3/8" DOORS ONLY
(4 MASONRY WALLS ONLY
(5 18 GAUGE AVAILABLE - SEE FOLLOWING PAGES
(6 14 GA. AVAILABLE IN 2" FACE ONLY
(7 SAME PROFILE FOR HEAD & JAMB

KD FIRE DOOR FRAME CAPABILITIES CHART

NEUTRAL AND POSITIVE PRESSURE

HOUR RATING		180 (3 HOUR) MASONRY WALLS ONLY	90 (1-1/2 HOUR)	45 (3/4 HOUR)	20 (20 MINUTE)
PROFILE TYPE	**MAT'L GAUGE**	**OPENING SIZES** (5			
1" FACE FRAME M	16 14 12	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"	SINGLE: 4'0" X 8'0" PAIRS: 8'0" X 7'0"
1-1/4" - 4" FACE FRAME M	16 14 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
CM	16 14	SINGLE: 4'0" X 10'0"(1 PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
C (1, (4	16	NOT AVAILABLE	SINGLE: 3'6" X 7'0"	SINGLE: 3'6" X 7'0"	SINGLE: 3'6" X 7'0"
C (1	16	NOT AVAILABLE	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"
G (1	16 14 12	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
CMG	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"(2	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
DEM	16 14 12	PAIRS: 8'0" X 10'0"(2	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"	PAIRS: 8'0" X 10'0"
WM	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WCM	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"(2	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WG	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WCG	16 14	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"(2	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"	SINGLE: 4'0" X 10'0" PAIRS: 8'0" X 10'0"
WC (1	16	NOT AVAILABLE	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2"- OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"	SINGLE: 4'0" X 9'0" PAIRS: 8'0" X 7'2" - OR - 7'0" X 9'0"

(1 COMPRESSION ANCHOR
(2 ONLY MASONRY WALLS WITH APPROVED CORNER CLIP
(3 3-1/4"-4" JAMB DEPTH FOR 1-3/8" DOORS ONLY
(4 MASONRY WALLS ONLY
(5 18 GA. AVAILABLE - SEE FOLLOWING PAGES
(6 14 GA. AVAILABLE IN 2" FACE ONLY
(7 SAME PROFILE FOR HEAD & JAMB
* 16" MAX. JAMB DEPTH CAPABILITY IS AVAILABLE THROUGH WH,
SEE THREE SIDED FIRE DOOR FRAME CAPABILITIES PAGE BELOW.

FRAME GLAZING CHART

FOR USE WITH CURRIES FIRE RATED WINDOW FRAMES AND TRANSOM SIDELITE FRAMES

GLASS TYPE BRAND OR DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN.	MAX VISIBLE WIDTH INCHES	MAX VISIBLE HEIGHT INCHES	GLASS THICKNESS INCHES	MIN STOP HEIGHT INCHES	MIN POCKET WIDTH INCHES
LISTED WIRE GLASS	20 MIN W/O HOSE	5268	109-3/4	109-3/4	1/4	5/8	3/8
LISTED WIRE GLASS	20 AND 45 MINUTE	1296	54	54	1/4	5/8	3/8
CENTRAL/ASAHI OR PILKINGTON WIRE GLASS WITH PEMKO FG3000	20 AND 45 MINUTE	4704	106	106	1/4	5/8	7/16
FIREGLAS 20 [3] (TECHNICAL GLASS)	20 MIN W/O HOSE	6936	106-1/2	106-1/2	SEE NOTE 1	5/8	SEE NOTE 1
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[3] (TECHNICAL GLASS)	20 MIN W/O HOSE	3325	95	95	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[3] (TECHNICAL GLASS)	20 AND 45 MINUTE	3325	95	95	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU[3] (TECHNICAL GLASS)	60 MINUTE	2721	77	77	SEE NOTE 2	5/8	SEE NOTE 2
FIRELITE, FIRELITE PLUS, FIRELITE NT, OR FIRELITE IGU (TECHNICAL GLASS)[3]	90 MINUTE	2627	46-1/2	56-1/2	SEE NOTE 2	5/8	SEE NOTE 2
PYRO-EDGE 20 [3] (INTEREDGE TECHNOLOGIES)	20 MIN W/O HOSE	3698	40-3/4	90-3/4	1/4	5/8	3/8
PYROSTOP[3]	60 MINUTES	5605	95	95	1-1/16	5/8	1-3/16
PYROSTOP[3]	90 MINUTES	3724	89-3/4	89-3/4	1-9/16	5/8	1-11/16

NOTE 1 *FIREGLAS IS AVAILABLE IN 1/4", 3/8", 1/2", AND 3/4" THICKNESS. POCKET WIDTH IS 1/8" GREATER THAN GLASS THICKNESS*

NOTE 2 *FIRELITE AND FIRELITE NT ARE 3/16" THICK, 3/8" MINIMUM POCKET WIDTH; FIRELITE PLUS IS 5/16" THICK 1/2" MINIMUM POCKET WIDTH; FIRELITE IGU IS 1" THICK, 1-1/8" MINIMUM POCKET WIDTH.*

NOTE 3 *GLASS CAPABILITIES AVAILABLE THROUGH UL ONLY. NOT OFFERED THROUGH INTERTEK.*

FRAME PANEL AND GLAZING CHART

PANEL DESCRIPTION	RATING	MAX EXPOSED AREA SQ. IN.	MAX VISIBLE WIDTH INCHES	MAX VISIBLE HEIGHT INCHES	MIN STOP HEIGHT INCHES	MATERIAL THICKNESS INCHES	MIN POCKET WIDTH INCHES
SIDE PANELS							
CURRIES HONEYCOMB CORE	90 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES TEMPERATURE RISE CORE	90 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES STEEL STIFFENED CORE	90 MINUTES	4608	48	96	5/8	1-3/4	1-7/8
CURRIES 1/2" COMPOSITE CORE	90 MINUTES	4608	48	96	5/8	1/2	5/8
WOOD PANELS	90 MINUTES	SEE NOTE 2					
TRANSOM PANELS							
CURRIES HONEYCOMB CORE	90 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES TEMPERATURE RISE CORE	90 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES STEEL STIFFENED CORE	90 MINUTES	4608	96	48	5/8	1-3/4	1-7/8
CURRIES 1/2" COMPOSITE CORE	90 MINUTES	4608	96	48	5/8	1/2	5/8
WOOD PANELS	90 MINUTES	SEE NOTE 2					

NOTE 2 *LISTED WOOD PANELS MAY BE USED IN CURRIES FRAMES AS ALLOWED BY THE WOOD PANEL MANUFACTURER'S LISTINGS.*

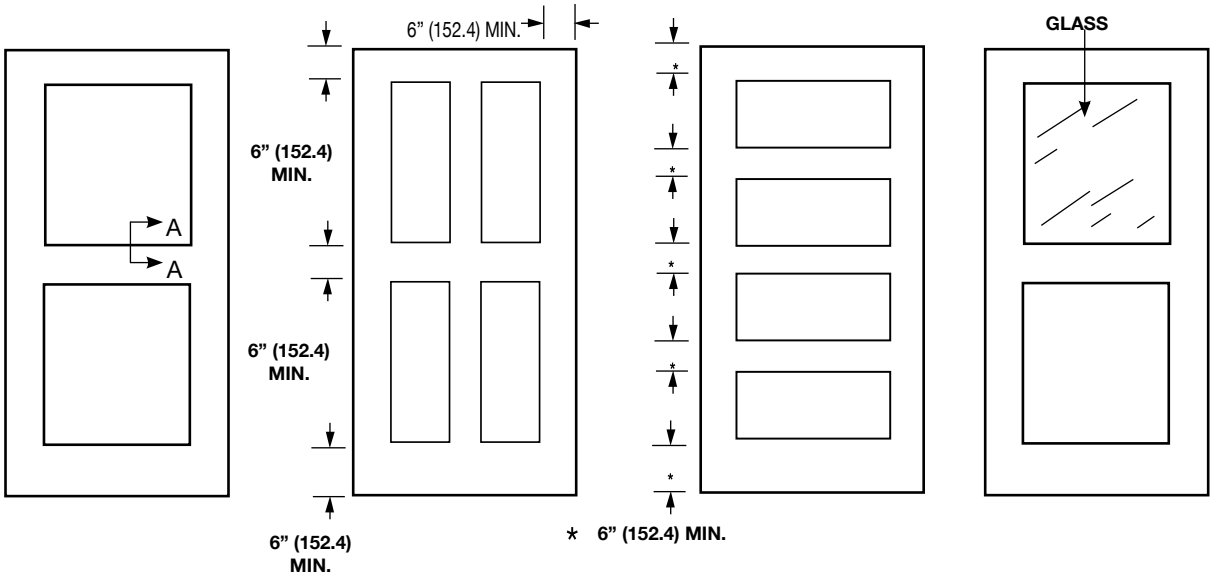
NOTE 3 *USE SPRING BOLT SPACING FROM WOOD PANEL MANUFACTURER.*

UL LISTING ONLY

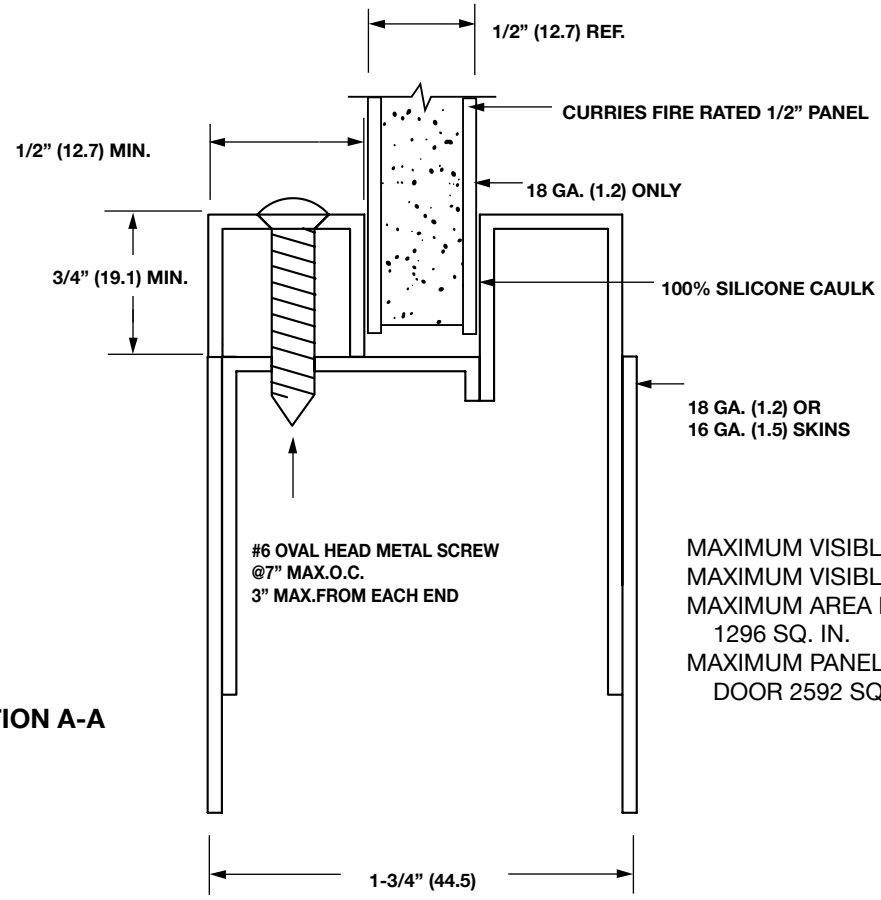
PANEL DOORS

90 MINUTE MAXIMUM RATING.
UL ONLY

TYPICAL FACE TYPES



6" MINIMUM STILE AND RAIL

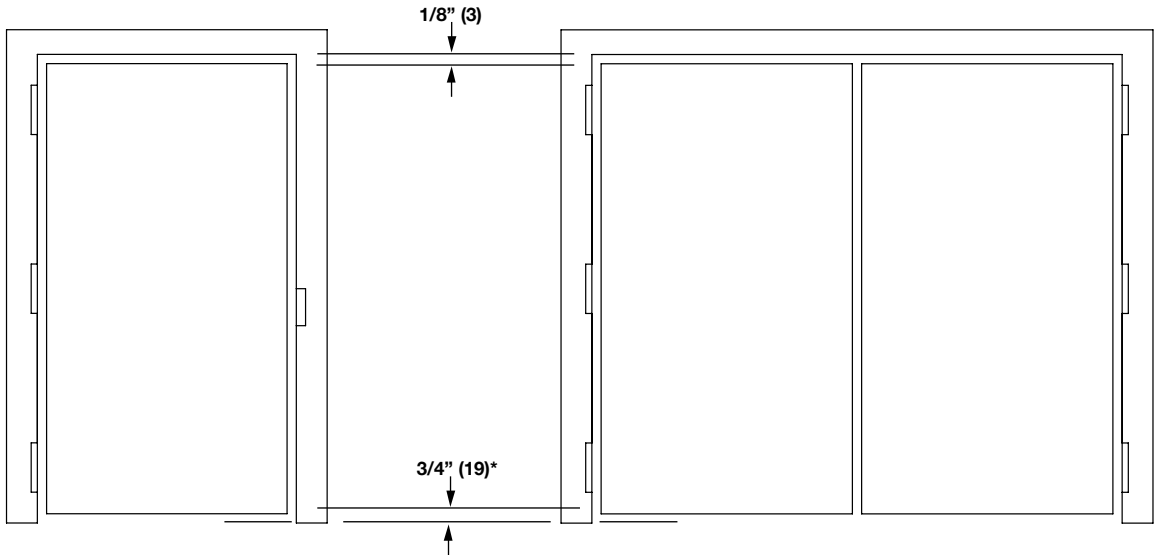


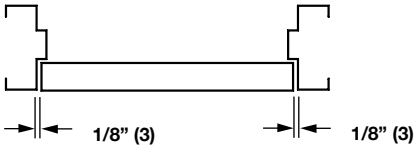
SECTION A-A

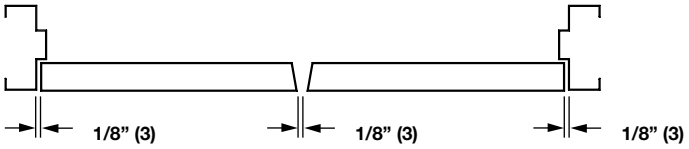
MAXIMUM VISIBLE WIDTH 36"
MAXIMUM VISIBLE HEIGHT 36"
MAXIMUM AREA PER PANEL
1296 SQ. IN.
MAXIMUM PANEL AREA PER
DOOR 2592 SQ. IN.

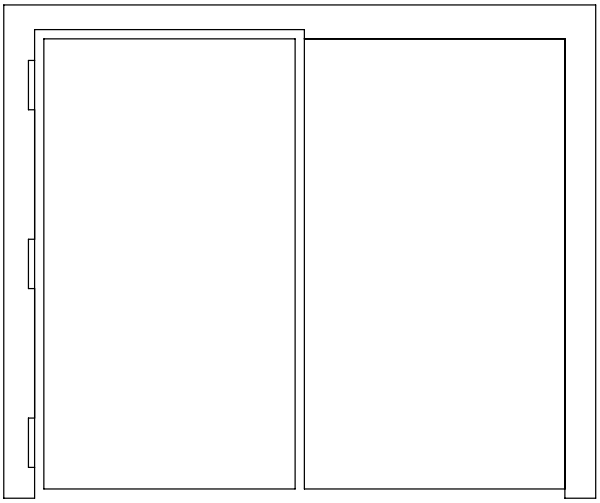
MAXIMUM LABEL DOOR CLEARANCES

SINGLE **PAIR**

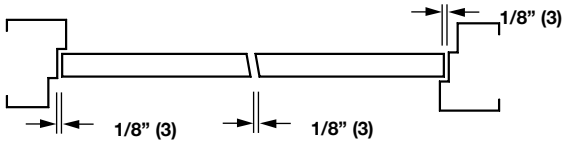








DOUBLE EGRESS

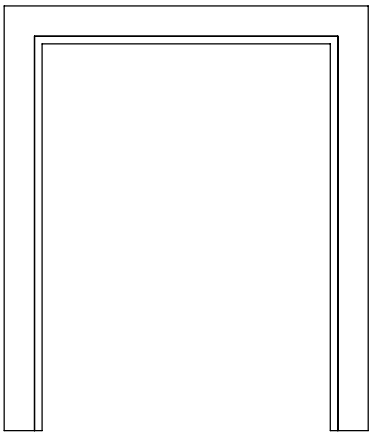


REFERENCE: MAXIMUM CLEARANCES AS PUBLISHED IN N.F.P.A. 80; FIRE DOORS AND WINDOWS.

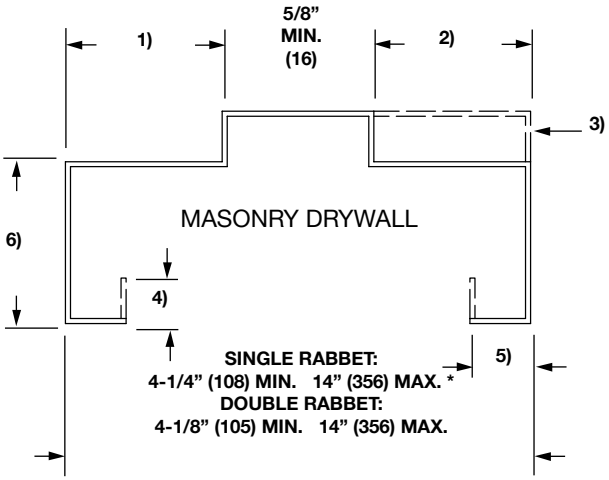
*CURRIES STANDARD UNDERCUT IS 5/8" (16)

18 GAUGE THREE SIDED FIRE DOOR FRAME

90 MINUTE MAXIMUM RATING



GENERAL NOTES:
1) TO SUIT DOOR THICKNESS
2) VARIES
3) PROFILE VARIABLE
4) 3/8" (10) MIN.
3/4" (19) MAX.
5) 3/8" (10) MIN.
1-3/8" (35)
*6) 1-1/4" (32)**
4" (102) MAX. JAMB
6" (152) MAX. HEAD



18 GAUGE THREE SIDED FIRE DOOR FRAME

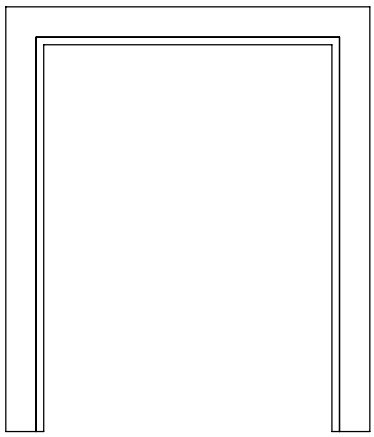
90 MINUTE MAXIMUM RATING - DRYWALL WALLS (WARNOCK HERSEY LISTING ONLY)	
MAXIMUM FRAME SIZES	
MASONRY, DRYWALL:	SINGLE — 4'0" (1219) W X 8'0" (2438) H PAIRS — 8'0" (2438) W X 8'0" (2438) H
WALL CONSTRUCTION:	DRYWALL OR MASONRY WALLS
FRAME CORNER CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD-IN OR SLIP-IN DRYWALL OR MASONRY TYPE. ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED)
MATERIAL:	18 GA. (1.2) MIN. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS	
A) HINGES:	STEEL (BALL BEARING - OIL LIGHT BUSHING) TYPE, POCKET PIVOT TYPE, STANDARD PIVOT TYPE, ANCHOR TYPE, AND CONTINUOUS TYPE.
B) CLOSERS:	CLOSERS ARE REQUIRED ON ALL FRAMES WHICH ARE TO BE FIRE LABELED, REGARDLESS OF THE HOURLY RATING. IF A LABEL APPROVED REINFORCEMENT IS NOT PROVIDED, THE CLOSER MUST BE THROUGH -BOLTED TO THE FRAME. IN LIEU OF A CLOSER, SPRING HINGES MUST BE USED.
C) STRIKES:	STANDARD STRIKES FOR VARIOUS TYPES OF LISTED HARDWARE MAY BE USED.
D) HARDWARE MULLION:	IT IS PERMISSIBLE TO USE A LISTED HARDWARE MULLION IN A PAIR CONFIGURATION.

NOTE: ANY HARDWARE WHICH IS TO BE USED ON FIRE RATED DOORS AND FRAMES SHOULD BE CONFIRMED FOR LABEL APPROVAL USING THE LATEST EDITION OF THE U.L. FIRE RESTRICTIVE DIRECTORY VOL. 3, OR ITS/WHI DIRECTORY OF LISTED PRODUCTS.

FACE WELDING COMPLETELY ASSEMBLED AND INSTALLED KD FRAMES IN THE FIELD IS AN ACCEPTABLE PRACTICE, CONTACT FACTORY FOR DETAILS.

3 HOUR DRYWALL THREE SIDED DOOR FRAME

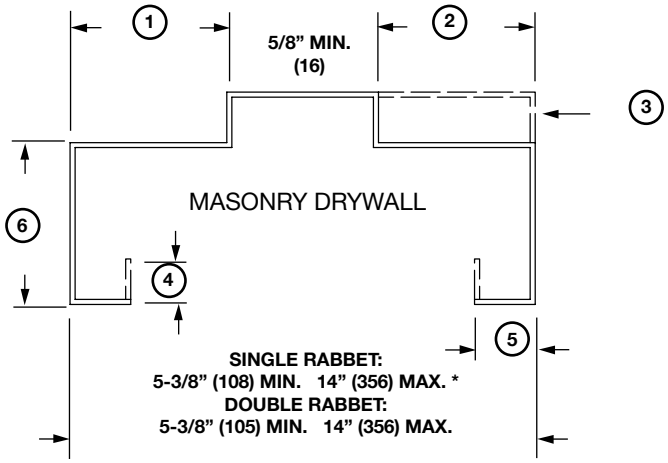
180 MINUTE DRYWALL WALL ONLY



GENERAL NOTES:

1. *TO SUIT DOOR THICKNESS*
2. *VARIES*
3. *PROFILE VARIABLE*
4. *3/8" (10) MIN.*
   3/4" (19) MAX.
5. *WH/ITS ONLY*
   3/8" (10) MIN.
   3/4" (19) MAX.
   UL ONLY
   3/8" (10) MIN.
   1-3/8" (35) MAX.
6. *WH/ITS ONLY*
   1-1/4" (32) MIN. FACE
   UL ONLY
   2" (51) MIN. FACE

4" (102) MAX. JAMB (WH/ITS AND UL)



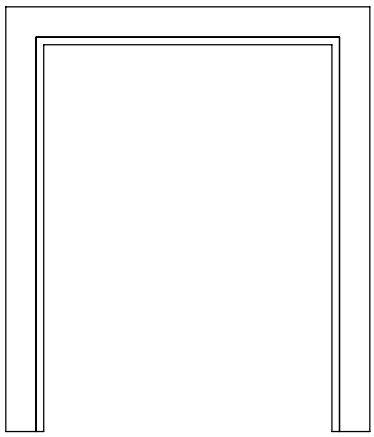
3 HOUR DRYWALL THREE SIDED DOOR FRAME

180 MINUTE MAXIMUM RATING - DRYWALL WALLS ONLY	
MAXIMUM FRAME SIZES	
UL LISTING:	SINGLE — 4’0” (1219) W X 9’0” (2743) H PAIRS — 8’0” (2438) W X 9’0” (2743) H INCLUDING DOUBLE EGRESS
WARNOCK HERSEY / INTERTEK LISTING:	SINGLE - 4’0” (1219) W X 10’0” (3048) H PAIRS ONLY — 8’0” (2438) W X 10’0” (3048) H DOUBLE EGRESS-SINGLE - 4’0” (1219) W X 9’0” (2743) H
FRAME CORNER CONSTRUCTION:	KD OR WELDED - COMPRESSION ANCHORS ARE NOT APPROVED
ANCHORS:	WELDED STEEL CHANNEL WELDED WOOD STUD LOOSE SLIP-IN TYPE MULTIPURPOSE (P45 2” FACE ONLY) WELDED STEEL CHANNEL / WOOD STUD COMBO ANCHOR (WARNOCK/ INTERTEK ONLY)
MATERIAL:	16 GA. (1.5) MAX. 14 GA. (2.6) MIN. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS	
A) HINGES:	ANY FIRE LISTED HINGE
B) CLOSERS:	CLOSERS ARE REQUIRED ON ALL FRAMES WHICH ARE TO BE FIRE LABELED, REGARDLESS OF THE HOURLY RATING. IF A LABEL APPROVED REINFORCEMENT IS NOT PROVIDED, THE CLOSER MUST BE THROUGH BOLTED TO THE FRAME. IN LIEU OF A CLOSER, SPRING HINGES MUST BE USED.
C) STRIKES:	STANDARD STRIKES FOR VARIOUS TYPES OF LISTED HARDWARE MAY BE USED.
D) HARDWARE MULLION:	IT IS PERMISSIBLE TO USE A LISTED HARDWARE MULLION IN A PAIR CONFIGURATION.

NOTE: ANY HARDWARE WHICH IS TO BE USED ON FIRE RATED DOORS AND FRAMES SHOULD BE CONFIRMED FOR LABEL APPROVAL USING THE LATEST EDITION OF THE U.L. FIRE RESTRICTIVE DIRECTORY VOL. 3, OR ITS/WHI DIRECTORY OF LISTED PRODUCTS.

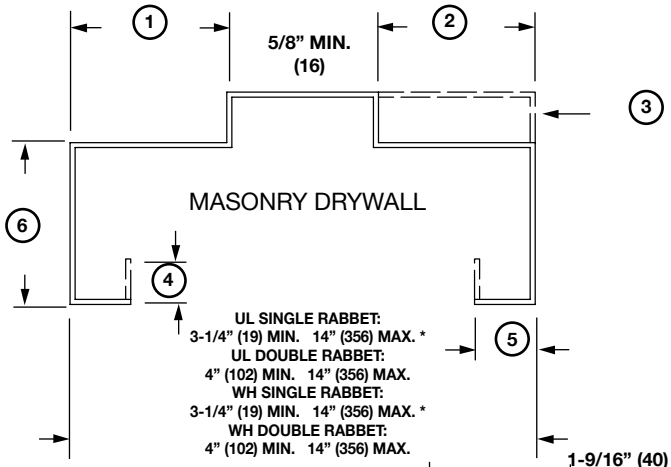
THREE SIDED FIRE DOOR FRAME

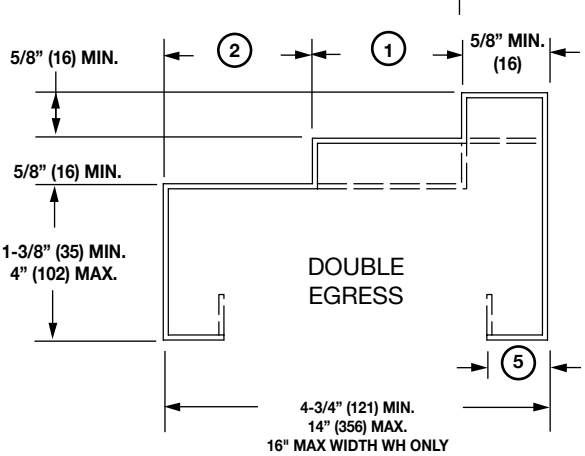
180 MINUTE MAXIMUM RATING - MASONRY WALLS
90 MINUTE MAXIMUM RATING - DRYWALL WALLS

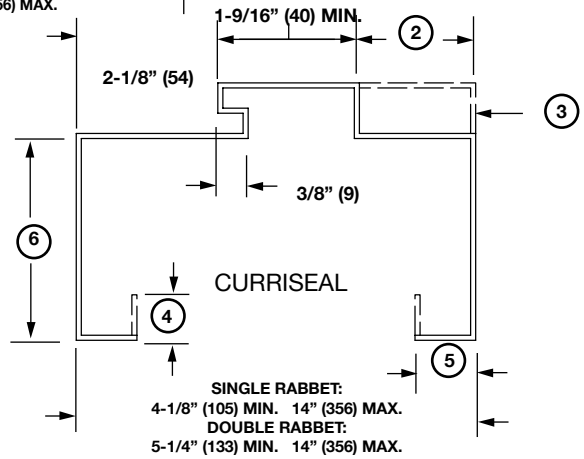


GENERAL NOTES:

1. *TO SUIT DOOR THICKNESS*
2. *VARIES*
3. *PROFILE VARIABLE*
4. *3/8" (10) MIN.*
   3/4" (19) MAX.
5. *3/8" (10) MIN.*
   1-3/8" (35)
6. *1-1/4" (32)**
   4" (102) MAX. JAMB
   8" (204)1 MAX. HEAD







COMPRESSION ANCHORS NOT AVAILABLE IN LABEL CONSTRUCTION
* 3-1/4" TO 4" JAMB DEPTH FOR 1-3/8" DOOR ONLY.
1) HEADS WITH GREATER THAN 4" FACE ARE UL LABEL ONLY.

THREE SIDED FIRE DOOR FRAME

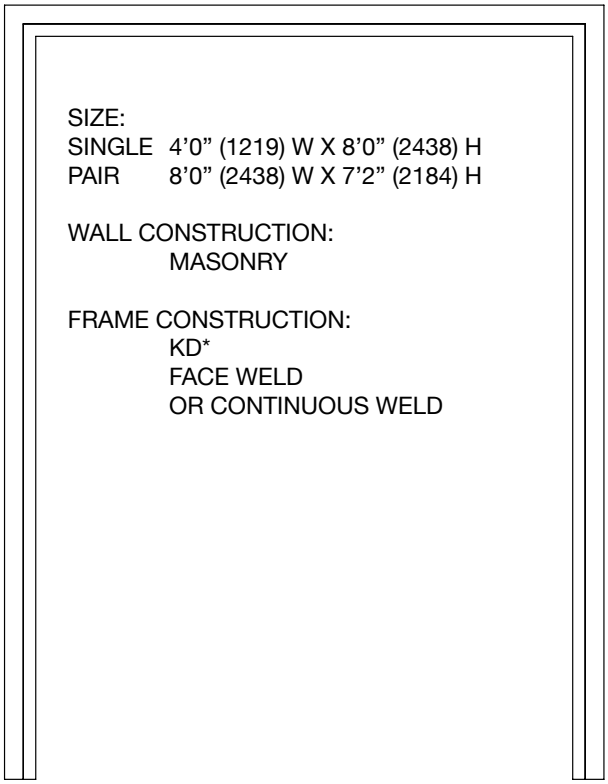
180 MINUTE MAXIMUM RATING - MASONRY WALLS 90 MINUTE MAXIMUM RATING - DRYWALL WALLS	
MAXIMUM FRAME SIZES	
MASONRY, DRYWALL:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIRS — 8'0" (2438) W X 10'0" (3048) H
DOUBLE EGRESS:	PAIRS ONLY — 8'0" (2438) W X 10'0" (3048) H COMPRESSION ANCHOR NOT AVAILABLE IN LABEL CONSTRUCTION
CURRISEAL:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIRS — 8'0" (2438) W X 10'0" (3048) H
WALL CONSTRUCTION:	DRYWALL OR MASONRY WALLS
FRAME CORNER CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD-IN OR SLIP-IN DRYWALL OR MASONRY TYPE ANCHOR MAY BE USED IN THIS FRAME.
MATERIAL:	16 GA. (1.5) MIN. 12 GA. (2.6) MAX. COLD ROLLED OR GALVANIZED STEEL
MULLIONS:	WELDED OR REMOVABLE HOLLOW METAL MULLIONS ARE PERMITTED.
HARDWARE RESTRICTIONS	
A) HINGES:	STEEL (BALL BEARING - OIL LIGHT BUSHING) TYPE, POCKET PIVOT TYPE, STANDARD PIVOT TYPE, ANCHOR TYPE, AND CONTINUOUS TYPE.
B) CLOSERS:	CLOSERS ARE REQUIRED ON ALL FRAMES WHICH ARE TO BE FIRE LABELED, REGARDLESS OF THE HOURLY RATING. IF A LABEL APPROVED REINFORCEMENT IS NOT PROVIDED, THE CLOSER MUST BE THROUGH -BOLTED TO THE FRAME. IN LIEU OF A CLOSER, SPRING HINGES MUST BE USED.
C) STRIKES:	STANDARD STRIKES FOR VARIOUS TYPES OF LISTED HARDWARE MAY BE USED.
D) HARDWARE MULLION:	IT IS PERMISSIBLE TO USE A LISTED HARDWARE MULLION IN A PAIR CONFIGURATION.

NOTE: ANY HARDWARE WHICH IS TO BE USED ON FIRE RATED DOORS AND FRAMES SHOULD BE CONFIRMED FOR LABEL APPROVAL USING THE LATEST EDITION OF THE U.L. FIRE RESTRICTIVE DIRECTORY VOL. 3, OR ITS/WHI DIRECTORY OF LISTED PRODUCTS.

FACE WELDING COMPLETELY ASSEMBLED AND INSTALLED KD FRAMES IN THE FIELD IS AN ACCEPTABLE PRACTICE, CONTACT FACTORY FOR DETAILS.

THREE SIDED FIRE DOOR FRAME

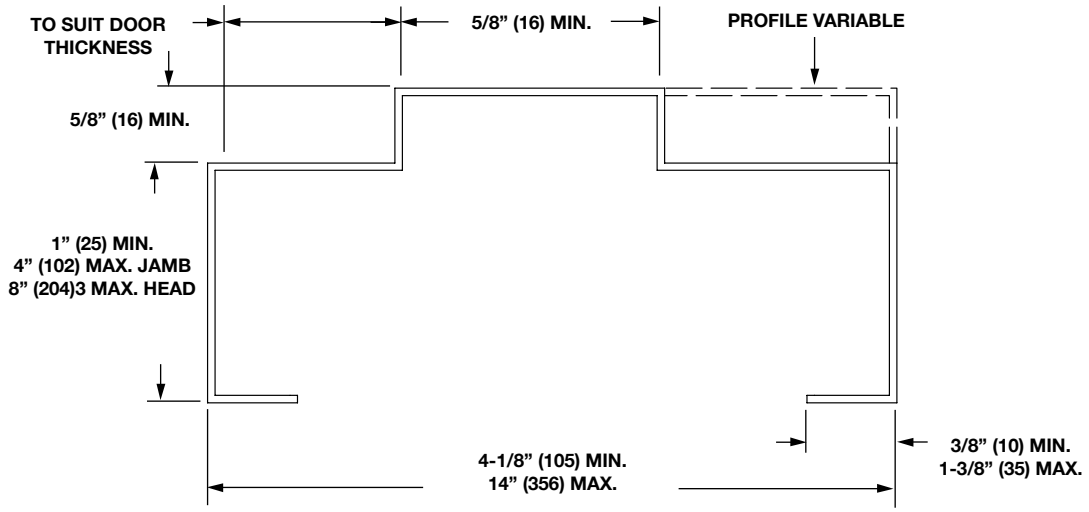
1" FACE DOOR FRAME
MASONRY WALL CONSTRUCTION
180 MINUTE MAXIMUM FIRE RATING



SIZE:
SINGLE 4'0" (1219) W X 8'0" (2438) H
PAIR 8'0" (2438) W X 7'2" (2184) H

WALL CONSTRUCTION:
MASONRY

FRAME CONSTRUCTION:
KD*
FACE WELD
OR CONTINUOUS WELD



1) WELDED AND REMOVABLE MULLIONS MAY BE USED WITH THIS FRAME.
2) ANY LISTED WELD IN OR SLIP IN MASONRY ANCHOR MAY BE USED IN THIS FRAME.
3) HEADS WITH GREATER THAN 4" FACE ARE UL LABEL ONLY.

TRANSOM FRAME (WOOD TRANSOM PANEL)

WOOD TRANSOM PANEL
90 MINUTE MAXIMUM RATING

FRAME SIZE:
4”0” (1219) W X 11’0” (3353) SINGLE SWING

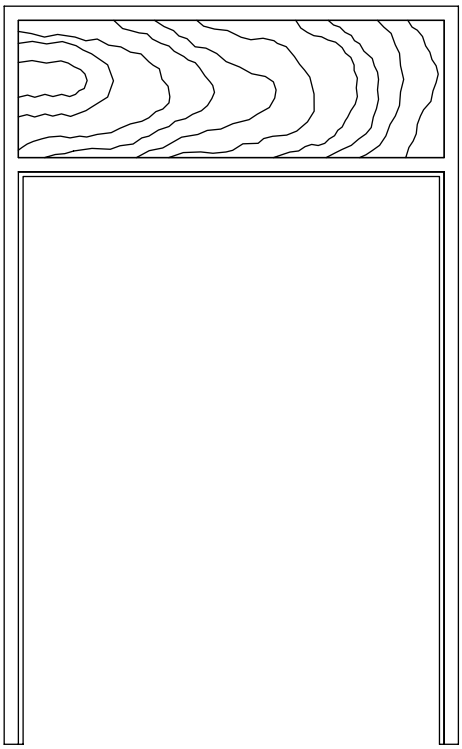
WALL CONSTRUCTION:
MASONRY
DRYWALL

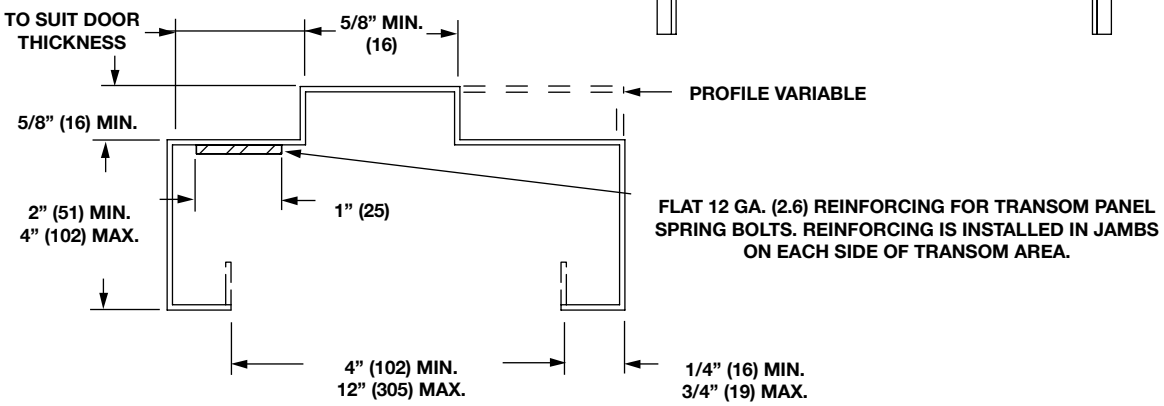
FRAME CONSTRUCTION:
CONTINUOUS WELD

TRANSOM PANEL:
ANY LISTED WOOD TRANSOM PANEL

MAX. PANEL SIZE:
BASED ON WOOD DOOR MANUFACTURER’S LISTING.
1-1/2 HOUR MAX. LABEL RATING

MAX. DOOR SIZE:
ANY LABELED DOOR

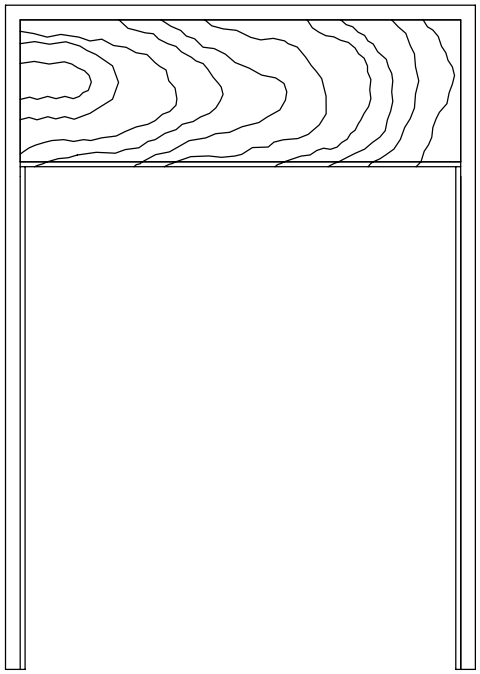


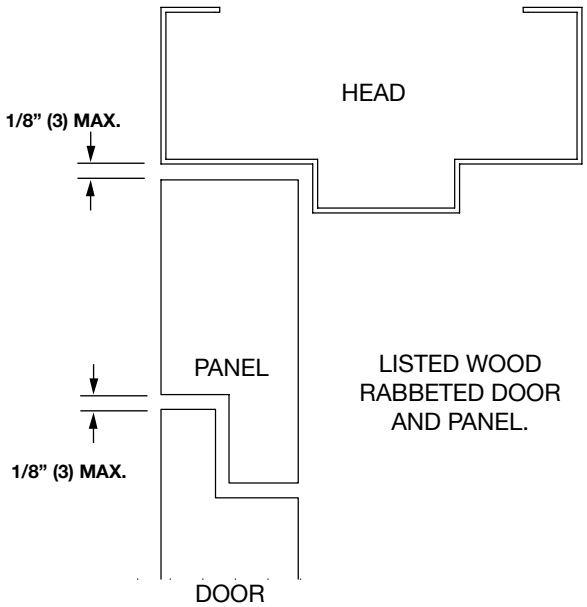


NOTES:
1) *THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES “FIRE DOOR FRAME WITH PANELS”*
2) *ATTACHMENT OF TRANSOM PANEL TO FRAME IS BY USE OF SPRING BOLTS THAT ARE PROVIDED WITH THE PANEL. (PANEL MAY ALSO BE ATTACHED TO FRAME BY OTHER MEANS AS ALLOWED BY THE PANEL MANUFACTURER’S LISTING.) SPRING BOLTS ENGAGE IN TO REINFORCED HOLES IN THE FRAME.*
3) *ANY LISTED WELD IN OR SLIP IN MASONRY OR DRYWALL ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).*
4) *SEE GLAZING CHARTS AND TRANSOM/SIDELITE FRAMES FOR ADDITIONAL CAPABILITIES.*

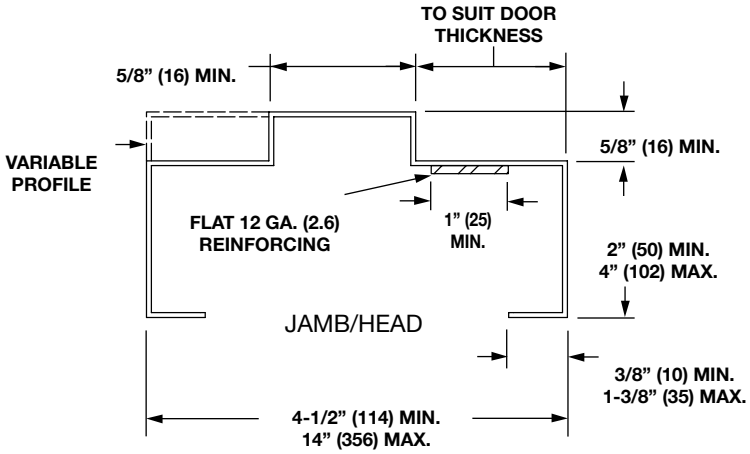
TRANSOM FRAME FOR RABBETED WOOD DOOR & TRANSOM PANEL

90 MINUTE MAXIMUM RATING.





LISTED WOOD
RABBETED DOOR
AND PANEL.



TRANSOM FRAME FOR RABBETED WOOD DOOR & TRANSOM PANEL

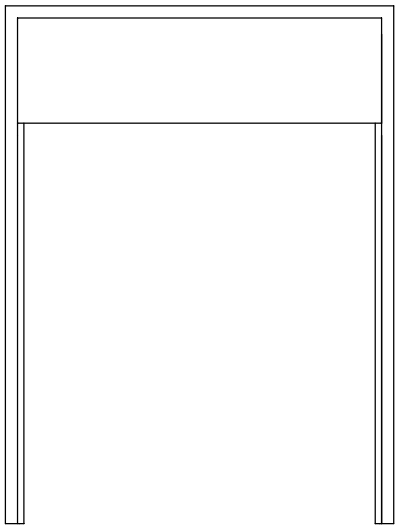
90 MINUTE MAXIMUM RATING	
MASONRY, DRYWALL:	4'0" (1219) X 10'0" (3048) AS KD 4'0" (1219) X 11'0" (3353) AS WELDED
MAXIMUM DOOR HEIGHT:	8'0" (2438)
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD-IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
TRANSOM PANEL:	1-3/4" (44) THICKNESS MAXIMUM SIZE: 4'0" (1219) W X 4'0" (1219) H MAXIMUM LABEL RATING: 1-1/2 HOUR

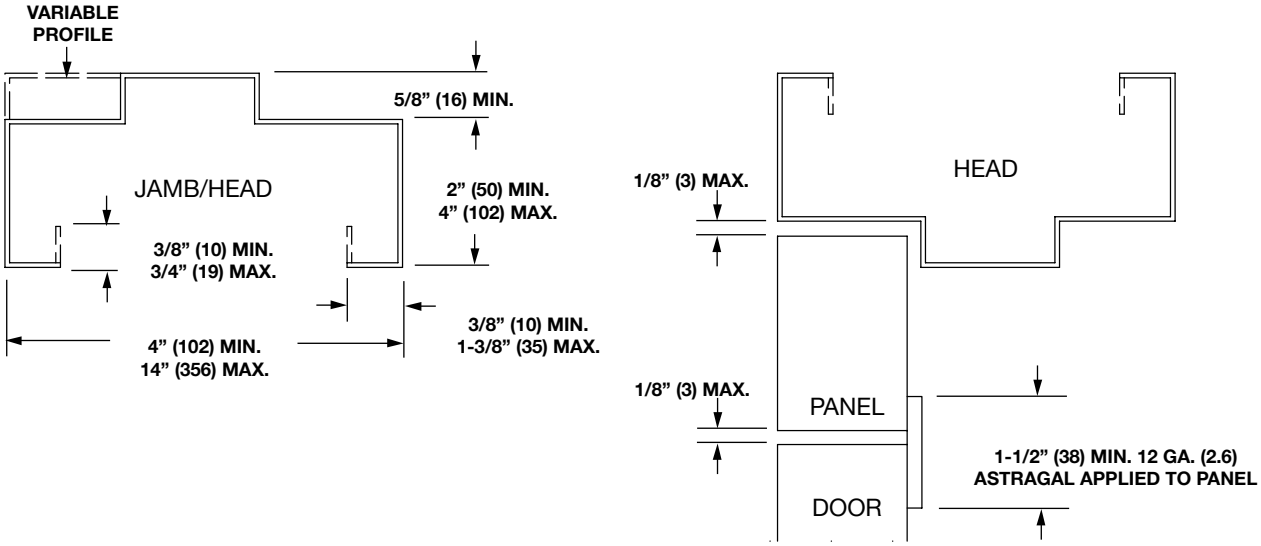
NOTE:

1) *FLAT 12 GA. (2.6) REINFORCING FOR TRANSOM PANEL SPRING BOLTS. REINFORCING IS INSTALLED IN JAMBS ON EACH SIDE OF TRANSOM PANEL.*
2) *THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES: "FIRE DOOR FRAME WITH PANELS."*
3) *ATTACHMENT OF TRANSOM PANEL TO FRAME IS BY USE OF SPRING BOLTS PROVIDED WITH THE PANEL. (PANEL MAY BE ATTACHED TO THE FRAME BY OTHER MEANS, AS ALLOWED BY THE PANEL MANUFACTURERS LISTINGS.) SPRING BOLTS ENGAGE INTO REINFORCED HOLES IN THE FRAME.*
4) *CONTACT WOOD DOOR & PANEL MANUFACTURER FOR PANEL AND DOOR LIMITATIONS.*

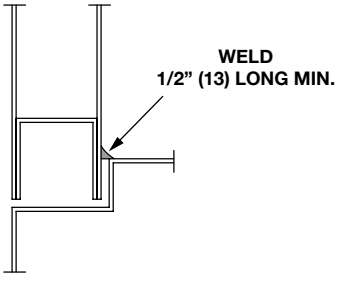
TRANSOM FRAME WITHOUT TRANSOM BAR (FIXED)

180 MINUTE MAXIMUM RATING.

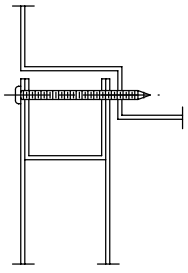




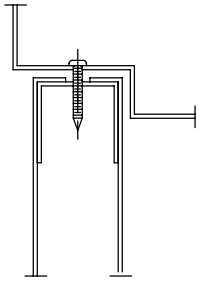
FIXED PANEL INSTALLATION OPTIONS



A
STANDARD



B
OPTIONAL



C
OPTIONAL
THIS METHOD CANNOT BE USED ON MULLION SECTIONS

SEE FRAME SECTION PAGE 154 FOR REMOVABLE PANEL DETAILS

TRANSOM FRAME WITHOUT TRANSOM BAR (STEEL PANEL)

180 MINUTE MAXIMUM RATING - MASONRY WALLS 90 MINUTE MAXIMUM RATING - DRYWALL WALLS	
MAXIMUM FRAME SIZE:	SINGLE — 4'0" (1219) W X 10'0" (3048) H PAIR — 8'0" (2438) W X 10'0" (3048) H
WALL CONSTRUCTION:	MASONRY OR DRYWALL (DRYWALL WALL INSTALLATION LIMITED TO 90 MINUTES)
FRAME CONSTRUCTION:	KD, FACE WELD, OR CONTINUOUS WELD
ANCHORS:	ANY LISTED WELD IN OR SLIP IN TYPE DRYWALL OR MASONRY ANCHORSMAY BE USED IN THIS FRAME. (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
TRANSOM PANEL:	MUST BE 747 CONSTRUCTION. SINGLE: 4'0" (1219) W X 3'0" (1219) H MAX. PAIR: 8'0" (2438) W X 3'0" (1219) H
ASTRAGAL:	ASTRAGAL NOT REQUIRED ON ASSEMBLIES RATED 90.
DOORS:	MAXIMUM DOOR LEAF SIZE SINGLE & PAIRS - 707: 4'0" (1219) W X 10'0" (3048) H SINGLE & PAIRS - 747: 4'0" (1219) W X 10'0" (3048) H

NOTE:

1) *THIS FRAME IS CONSIDERED A TRANSOM FRAME AND MUST BEAR A LABEL WHICH STATES: "FIRE DOOR FRAME WITH PANELS" AND IS LIMITED TO THE SAME RESTRICTIONS AS OTHER TRANSOM FRAMES.*
2) *SCREWS AND WELDS FOR PANEL ANCHORING SHALL BE AT 2-1/2" (64) FROM ENDS AND A MAXIMUM OF 12" (305) APART ON TOP AND BOTTOM EDGES AND 18" (457) APART ON SIDES. PANEL SCREWS SHALL BE MINIMUM #10 SIZE.*

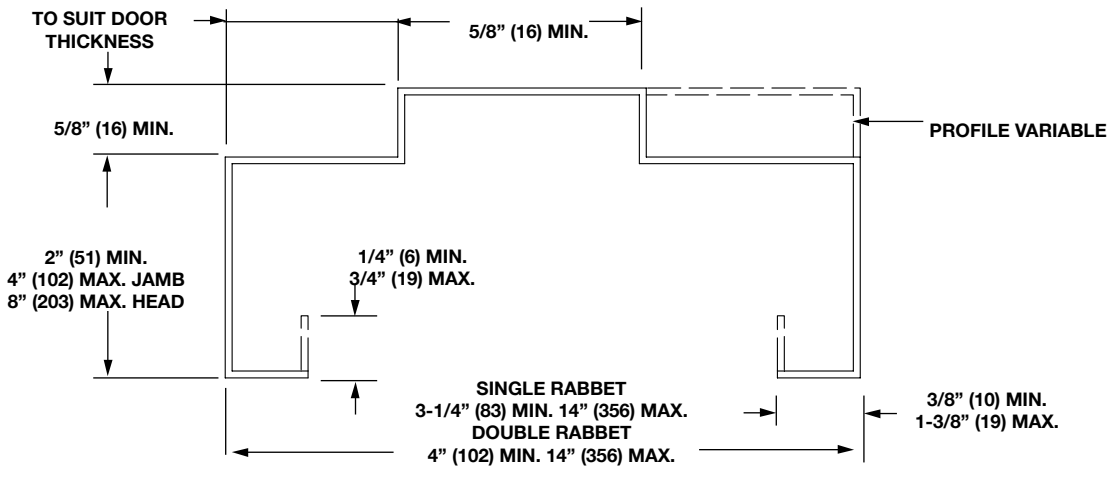
FOUR SIDED FIRE DOOR FRAME

180 MINUTE MAXIMUM RATING - MASONRY WALLS
90 MINUTE MAXIMUM RATING - DRYWALL WALLS

MAXIMUM OPENING SIZE:
SINGLE:
4’0” (1219) W X 10’0” (3048) H
PAIR:
8’0” (2438) W X 10’0” (3048) H

WALL CONSTRUCTION:
MASONRY
DRYWALL

FRAME CONSTRUCTION:
FACE WELD
CONTINUOUS WELD

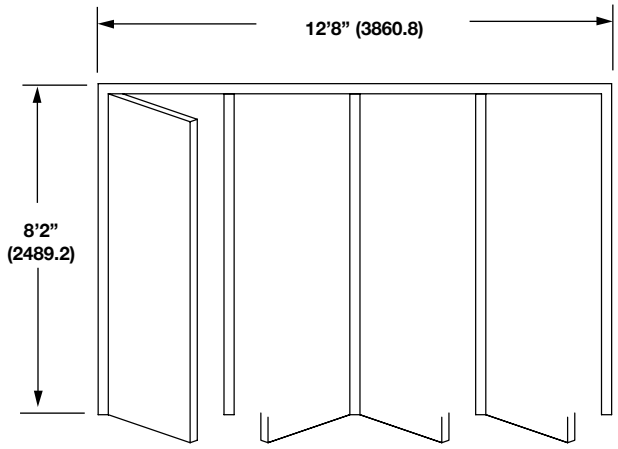


NOTES:
1) *FOR OPENINGS OVER 48” (1219) WIDE THE SILL MUST BE FITTED WITH A MULLION BASE ANCHOR AT ITS MIDPOINT.*
2) *FOR USE WITH DOORS ONLY.*
3) *3-1/4” (83) TO 4” (102) JAMB DEPTH 1-3/8” (35) DOOR ONLY.*
4) *ANY LISTED WELD IN OR SLIP-IN MASONRY OR DRYWALL ANCHOR MAY BE USED IN THIS FRAME. (COMPRESSION ANCHOR NOT ALLOWED)*

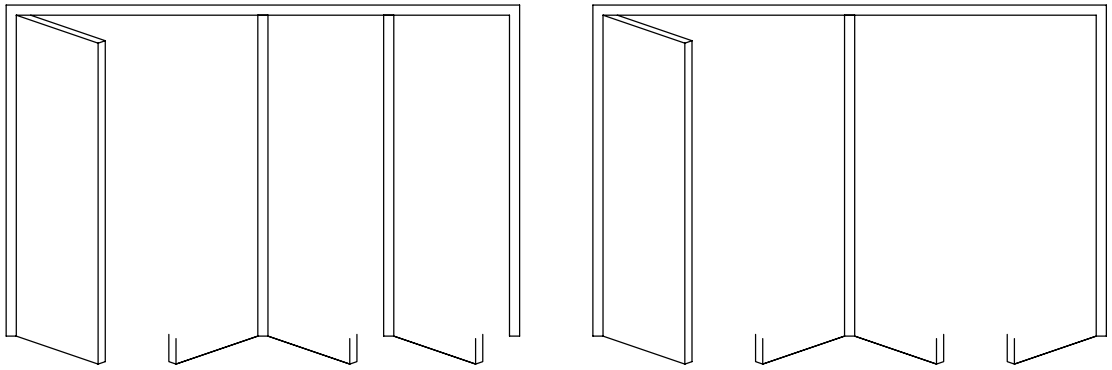
MULTIPLE OPENING FRAMES

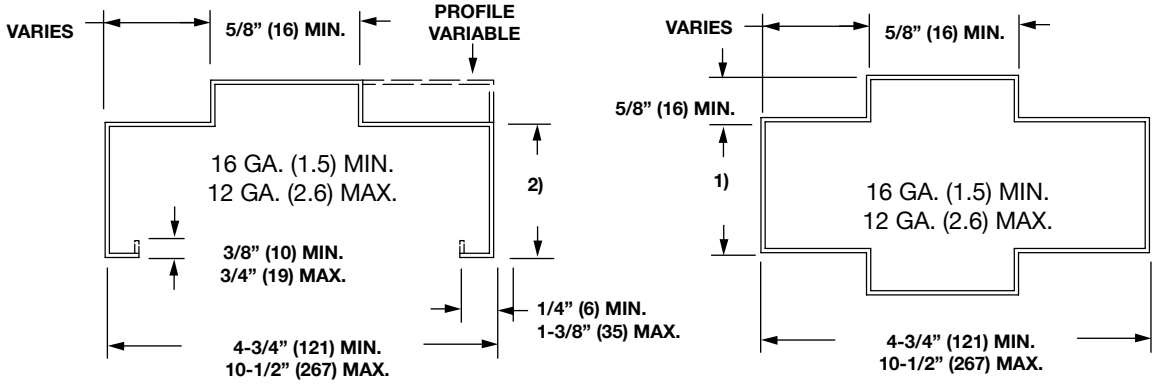
90 MINUTE MAXIMUM FIRE RATING.
ELEVATION/SECTIONS

FRAME AND DOOR CONFIGURATION MAY VARY



NOTES:
1) MAX. FOUR DOORS IN ANY COMBINATION OF SINGLE SWING, PAIRS, OR DOUBLE EGRESS PAIRS.
2) CURRIES MODEL 707.
3) 3/4" (19) LATCH BOLT THROW IS REQUIRED.
4) CYLINDRICAL, MORTISE, OR FIRE EXIT HARDWARE IS ACCEPTABLE.
5) WELDED CONSTRUCTION ONLY.
6) ANY LISTED WELD IN OR SLIP-IN DRYWALL OR MASONRY ANCHOR MAY BE USED IN THIS FRAME.
7) MAY BE PROVIDED AS A FOUR SIDED FRAME, REFER TO SILL ANCHOR REQUIREMENTS, SILL MUST BUTT BETWEEN VERTICAL FRAME MEMBERS.





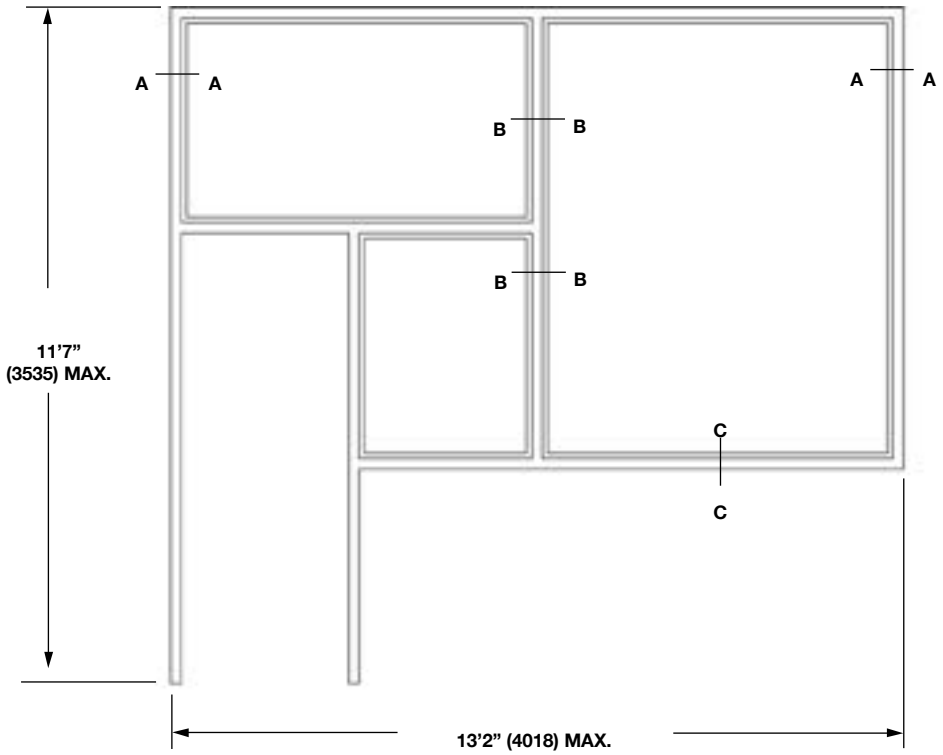
HEAD AND JAMB SECTION

1) 2" (51) MIN.
4" (102) MAX.

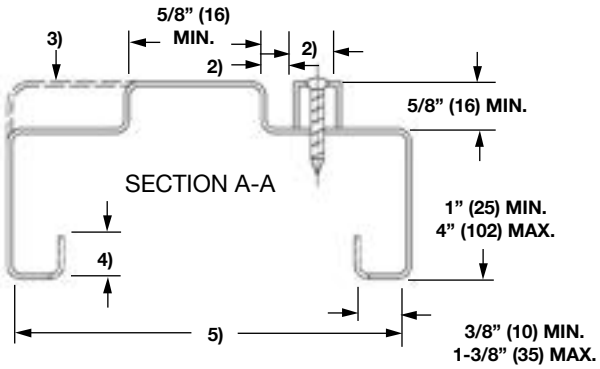
2) 2" (51) MIN.
2" (51) MAX. HEAD
4" (102) MAX. JAMB

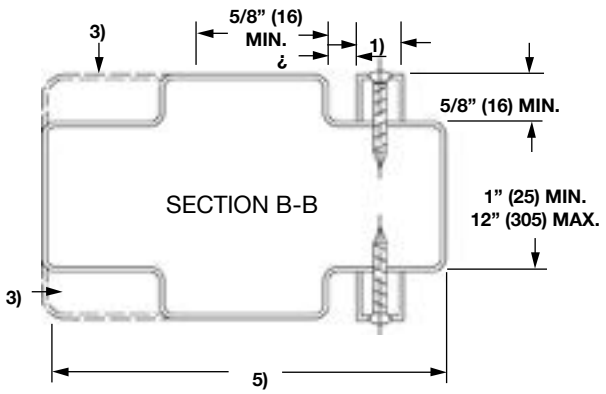
TRANSOM/SIDELITE FRAME

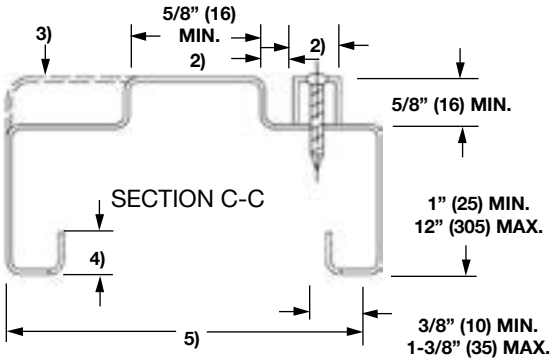
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING
ELEVATION DETAILS



GENERAL NOTES:
1) 3/8" (10) MIN. GLASS POCKET
2) 5/8" (16) MIN.
3) VARIABLE PROFILE
4) 3/8" (10) MIN.
3/4" (19) MAX.
5) 4-1/2" (124) MIN.
14" (356) MAX.

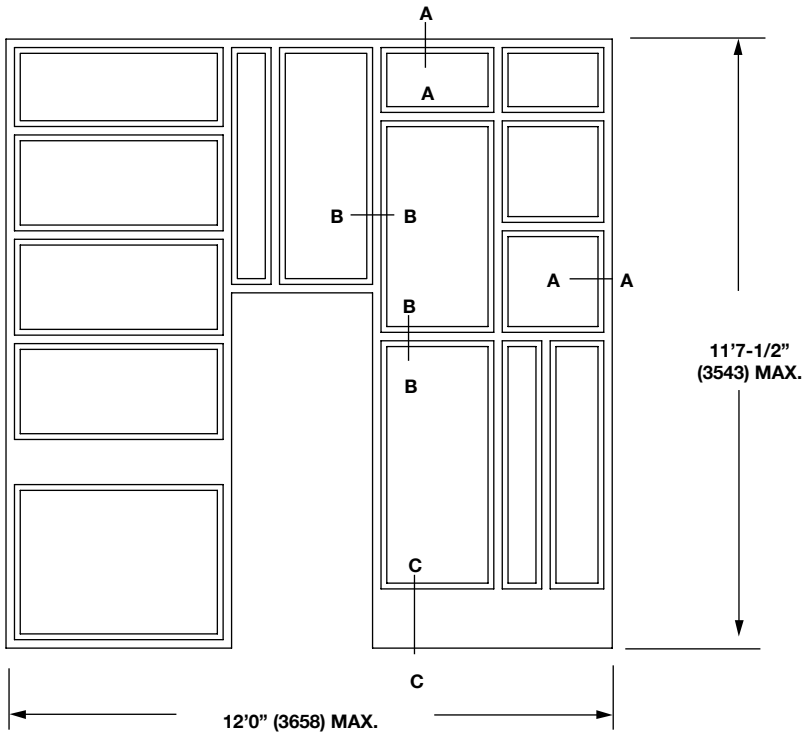




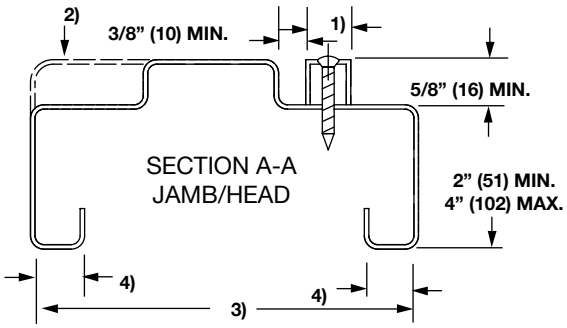


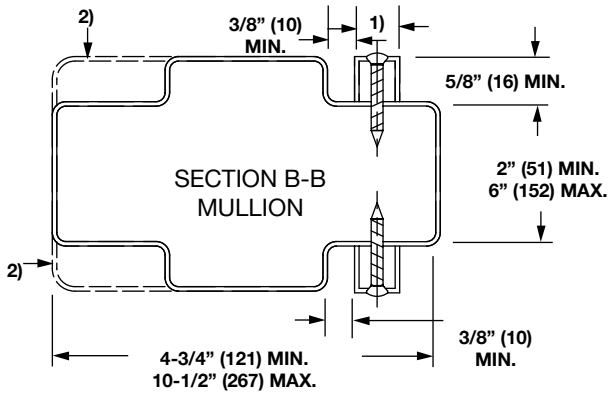
TRANSOM/SIDELITE FRAME

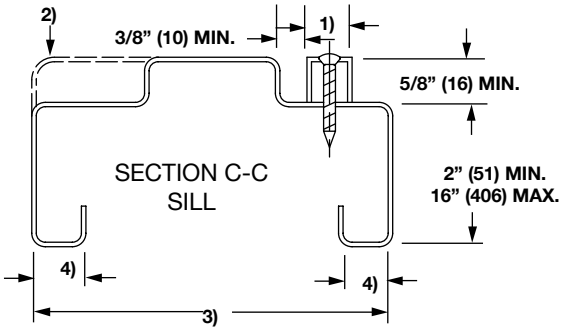
45 MINUTE MAXIMUM RATING IN DRYWALL WALLS
ELEVATION DETAILS



GENERAL NOTES:
1) 5/8" (16) MIN.
2) VARIABLE PROFILE
3) 4-3/4" (121) MIN.
14" (356) MAX.
4) 3/8" (10) MIN.
1-3/8" (35) MAX.







TRANSOM/SIDELITE FRAME

45 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	12’0” (3658) W X 11’7-1/2” (3543) H.
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) X 10’0” (3048) PAIR — 8’0” (2438) X 10’0”(3048)
MAX. GLASS AREA:	FOR LISTED 1/4” WIRED GLASS 5/8” (16) H X 5/8” (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 54” (1372) NOT TO EXCEED 1296 (836127) SQUARE INCHES OF VISIBLE GLASS. MUST USE LISTED GLAZING COMPOUND OR 100% SILICON. FOR PEMKO FG3000 WITH 1/4” WIRED PILKINGTON GLASS: 5/8” (16) H 5/8” (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 106” (2692) NOT TO EXCEED 4704 SQ. IN. SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.
WALL CONSTRUCTION:	DRYWALL ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:
1) THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.
2) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
3) GLASS STOP SCREW SPACING IS 2” (51) FROM EACH END AND 12” (304.8) ON CENTER.

TRANSOM/SIDELITE FRAME

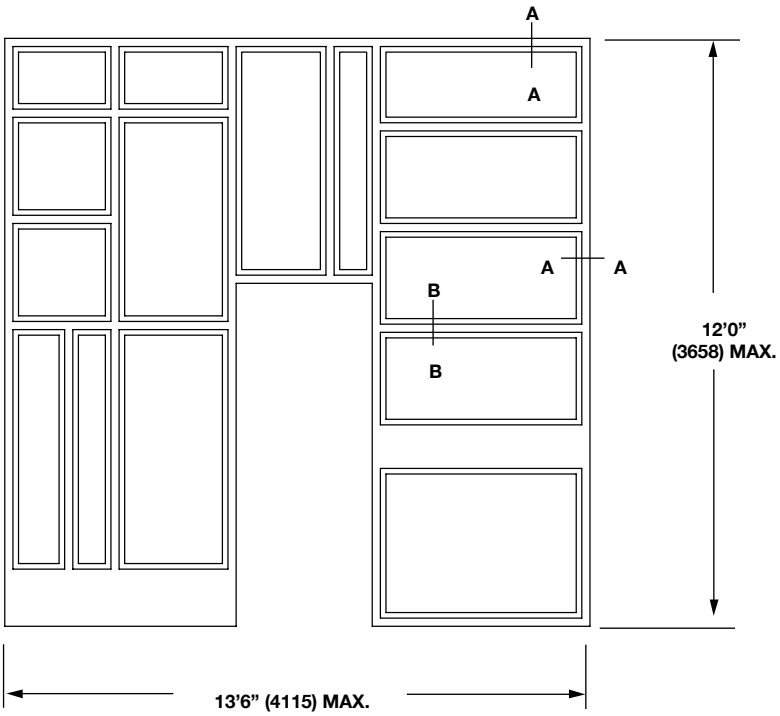
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING.	
MAXIMUM FRAME SIZE:	13’2” (4013) W X 11’7” (3531) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) W X 10’0” H PAIR — 8’0” (2438) W X 10’0” H
MAX. GLASS AREA: **SEE NOTES 1&2	5/8” (16) H X 5/8” (16) W MIN. STOP; MAX W OR H IS 109-3/4” (2788) NOT TO EXCEED 5268 SQ. IN. (3398703) OF VISIBLE GLASS
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:

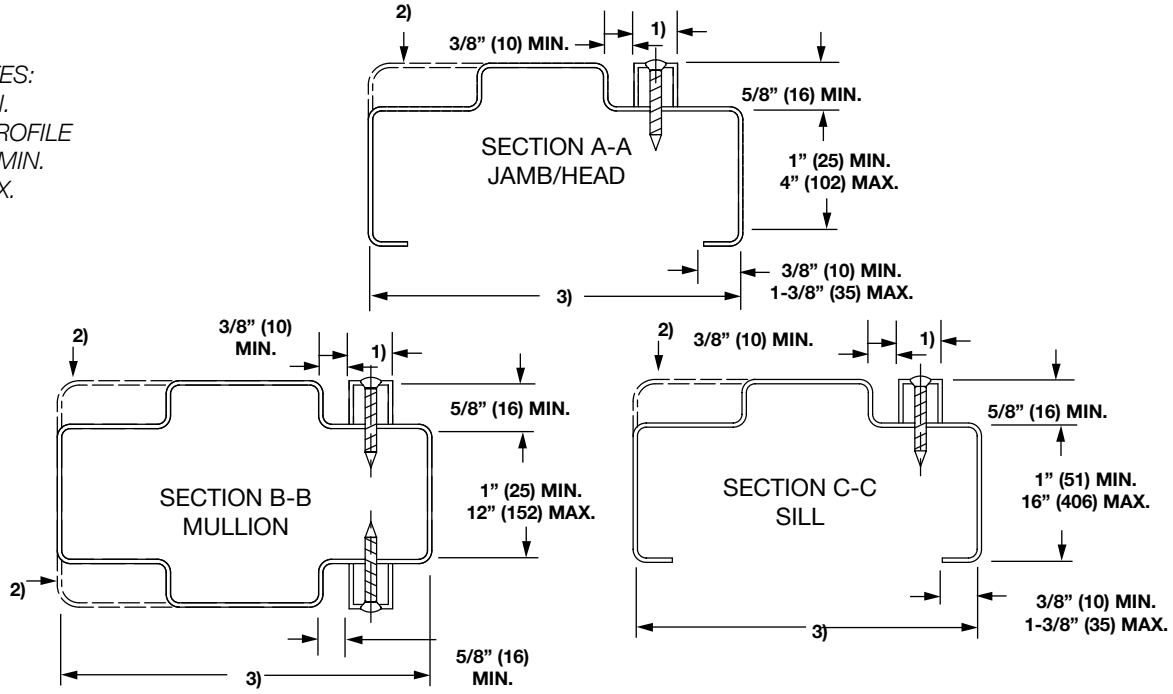
1) *IF FIRE WINDOW FRAME DOES NOT EXTEND TO THE FLOOR AND IS SUSPENDED OVER A DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30” (762) OF LENGTH OR FRACTION THEREOF.*
2) *THE CONFIGURATION OF TRANSOM AND LIGHT AREAS MAY VARY! ONLY LISTED GLAZING MATERIALS MAY BE USED IN THIS FRAME. SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.*

TRANSOM/SIDELITE FRAME

45 MINUTE MAXIMUM RATING IN MASONRY WALLS
ELEVATION DETAILS



GENERAL NOTES:
1) 5/8" (16) MIN.
2) VARIABLE PROFILE
3) 4-3/4" (121) MIN.
14" (356) MAX.



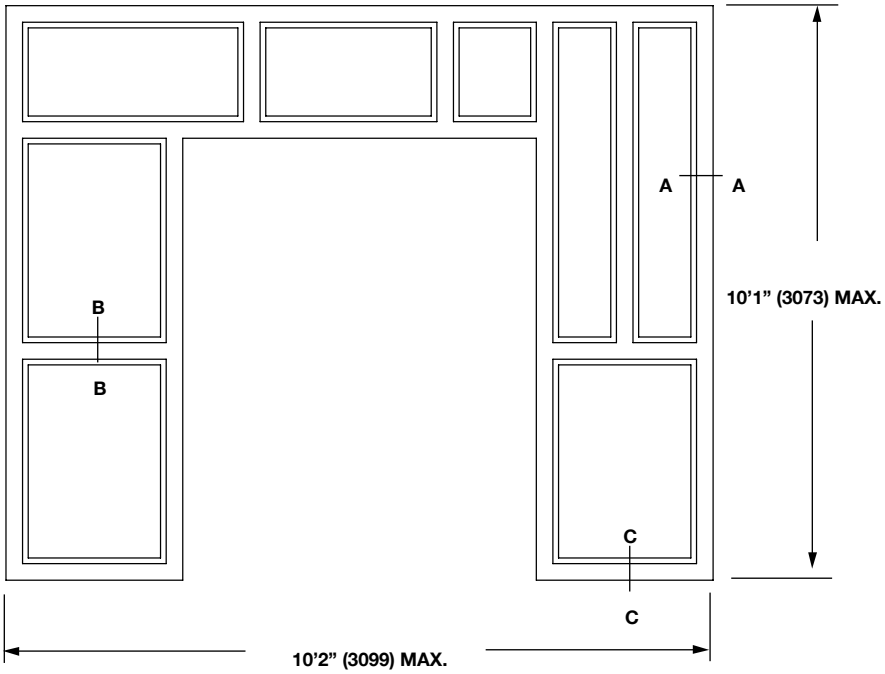
TRANSOM/SIDELITE FRAME

45 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13’6” (4115) W X 12’0” (3658) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) X 10’0” (3048) PAIR — 8’0” (2438) X 10’0”(3048)
MAX. GLASS AREA:	FOR LISTED 1/4” WIRED GLASS 5/8” (16) H X 5/8” (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 54” (1372) NOT TO EXCEED 1296 (836127) SQUARE INCHES OF VISIBLE GLASS. MUST USE LISTED GLAZING COMPOUND OR 100% SILICON. FOR PEMKO FG3000 WITH 1/4” WIRED PILKINGTON GLASS: 5/8” (16) H 5/8” (16) W MINIMUM STOP; MAXIMUM W OR H SHALL BE 106” (2692) NOT TO EXCEED 4704 SQ. IN. SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.
WALL CONSTRUCTION:	MASONRY ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

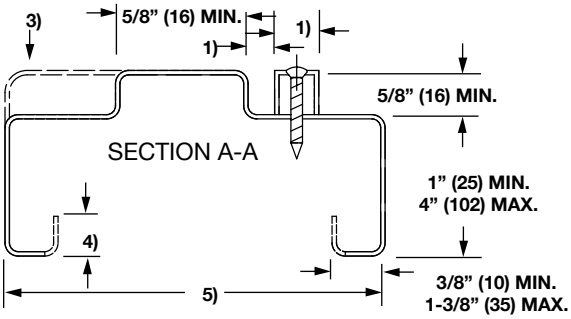
NOTE:
1) THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.
2) THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.
3) GLASS STOP SCREW SPACING IS 2” (51) FROM EACH END AND 12” (304.8) ON CENTER.

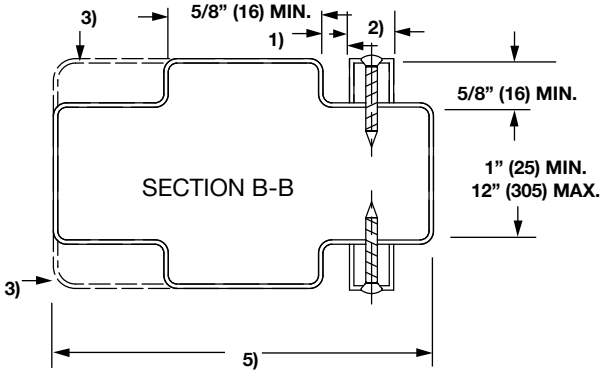
TRANSOM/SIDELITE FRAME

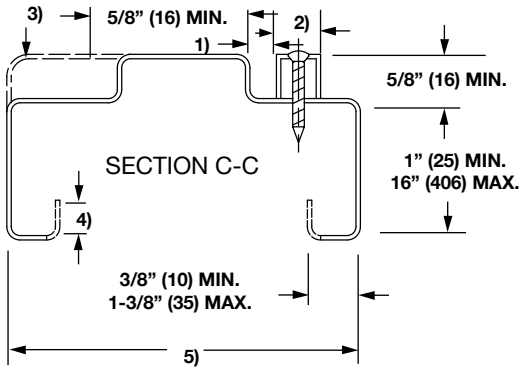
60 MINUTE MAXIMUM RATING
ELEVATION DETAILS



GENERAL NOTES:
1) 3/8" (10) MIN. GLASS POCKET
2) 5/8" (16) MIN.
3) VARIABLE PROFILE
4) 3/8" (10) MIN.
3/4" (19) MAX.
5) 4-7/8" (124) MIN.
14" (356) MAX.







TRANSOM/SIDELITE FRAME

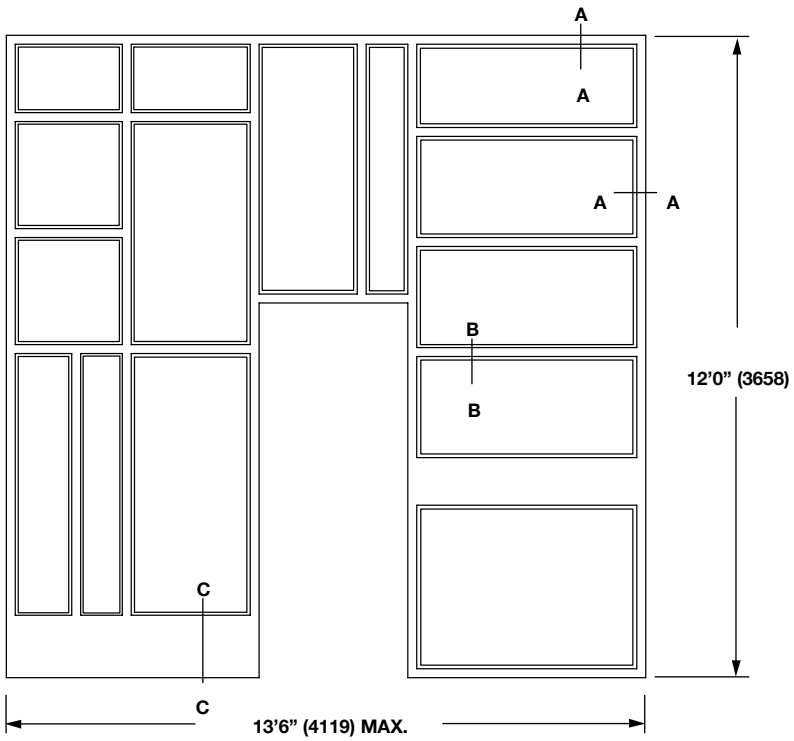
60 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	10’2” (3099) W X 10’1” (3073) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) W X 10’0” (3048) H PAIR — 8’0” (2438) W X 10’0” (3048) H
MAX. GLASS AREA: **SEE NOTES 1 & 2	5/8” (16) H X 5/8” (16) W GLASS STOP; MAX. WIDTH: 54” (1372); MAX. HEIGHT: 77-3/4” (1975) 2721 SQ. INCHES (1755480) OF VISIBLE GLASS.
WALL CONSTRUCTION:	DRYWALL OR MASONRY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:

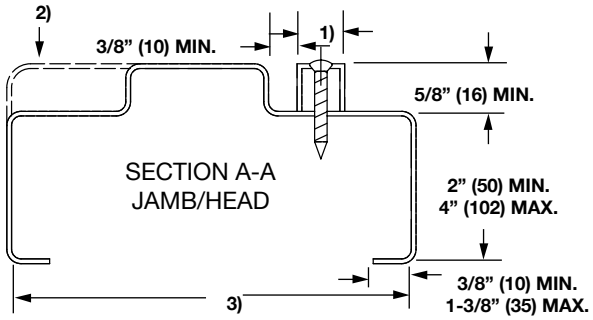
1) *GLAZING MATERIAL SHALL BE “FIRELITE” GLASS ONLY.*
2) *GLAZING COMPOUNDS ARE EITHER 100% SILICON, DAP, “33”, OR METACAULK 990.*
3) *IF SIDELIGHT IS INSTALLED OVER DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30 INCHES (762) OF SILL LENGTH OR FRACTION THEREOF.*
4) *GLASS STOP SCREW SPACING: NO. 8 SHEET METAL SCREWS SPACED 2” (51) FROM EACH END AND 12” (304.8) ON CENTER.*

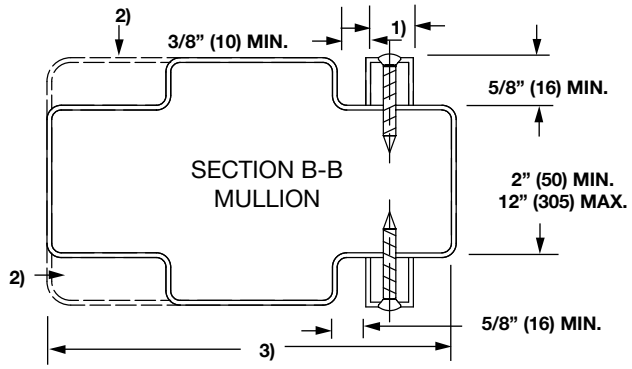
TRANSOM/SIDELITE FRAME (MASONRY WALLS ONLY)

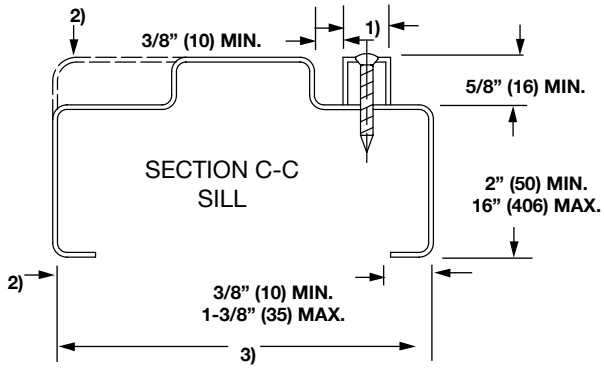
90 MINUTE MAXIMUM RATING IN MASONRY WALL
ELEVATION/SECTION DETAILS



GENERAL NOTES:
1) 5/8" (16) MIN.
2) VARIABLE PROFILE
3) 4-3/4" (121) MIN.
14" (356) MAX.







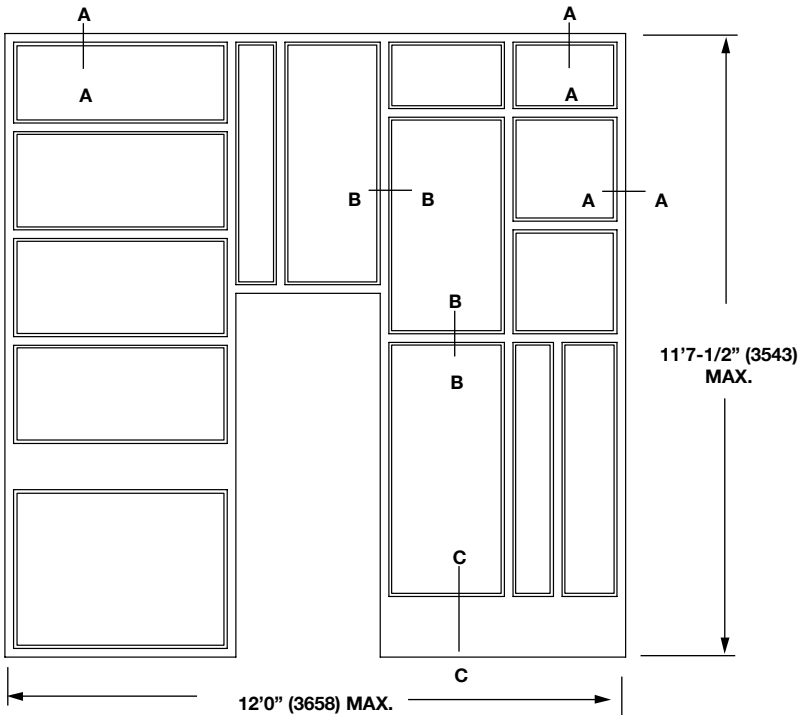
TRANSOM/SIDELITE FRAME (MASONRY WALLS ONLY)

90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13’6” (4013) W X 12’0” (3632) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) W X 10’0” (3048) H PAIR — 8’0” (2438) W X 10’0” (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	MASONRY ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4” (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96” (2438) W X 48” (1219) H 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96” (2438) W X 48” (1272) H ANY LISTED MANUFACTURER’S WOOD PANEL
SIDE PANELS	1-3/4” (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

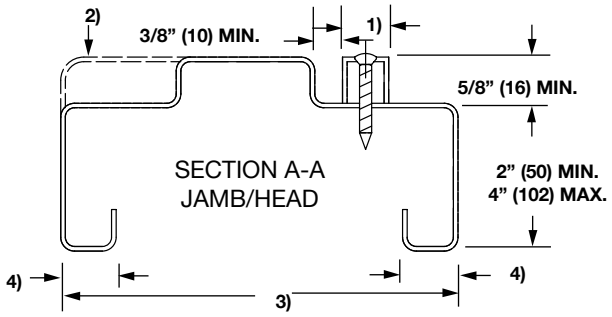
NOTE:
1) *THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.*
2) *THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.*
3) *GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2” (50) FROM EACH END AND 12” (304.8) ON CENTER MAX.*
4) *STOP EXTENDERS MAY BE USED WITH THIS FRAME.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*

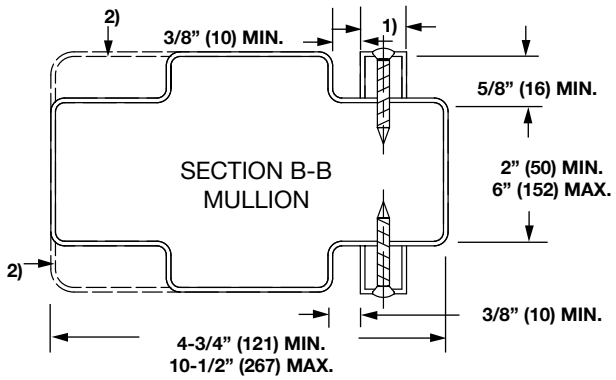
TRANSOM/SIDELITE FRAME (DRYWALL WALLS ONLY)

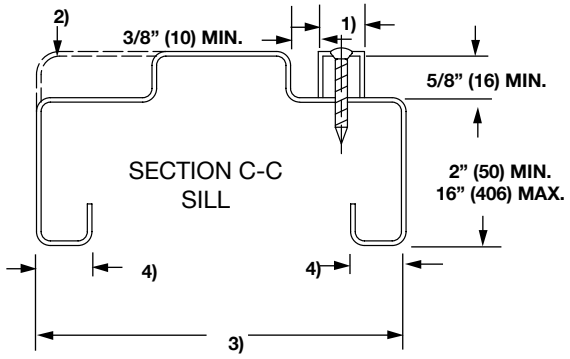
90 MINUTE MAXIMUM RATING IN DRYWALL WALLS
ELEVATION/SECTION DETAIL



GENERAL NOTES:
1) 5/8" (16) MIN.
2) VARIABLE PROFILE
3) 4-3/4" (121) MIN.
14" (356) MAX.
4) 3/8" (10) MIN.
1-3/8" (35) MAX.







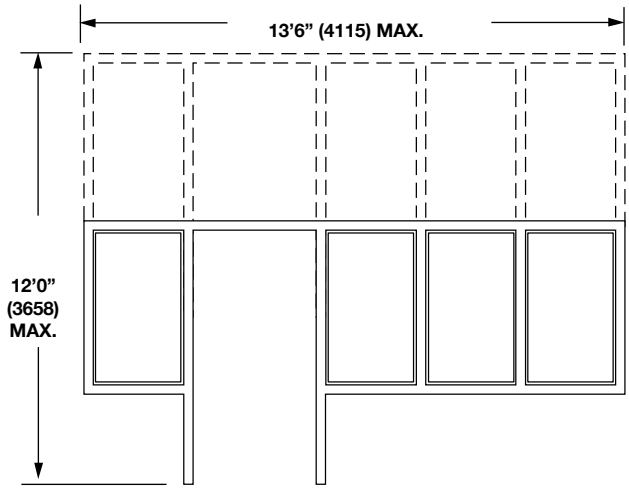
TRANSOM/SIDELITE FRAME (DRYWALL WALLS ONLY)

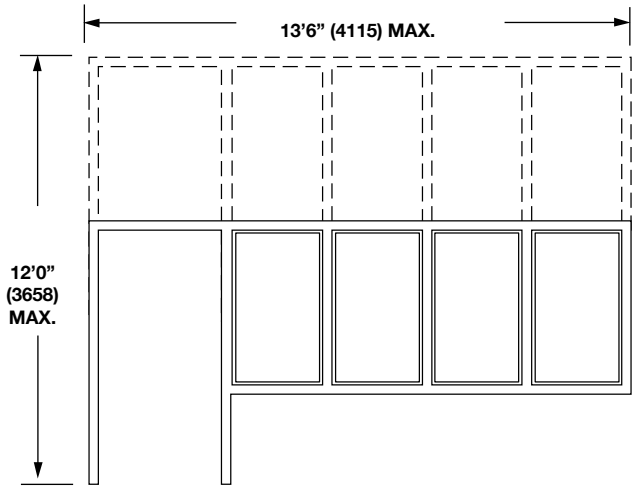
90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	12’0” (3658) W X 11’7-1/2” (3543) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) W X 10’0” (3048) H PAIR — 8’0” (2438) W X 10’0” (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	DRYWALL ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4” (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96” (2438) W X 48” (1219) H 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96” (2438) W X 48” (1272) H ANY LISTED MANUFACTURER’S WOOD PANEL
SIDE PANELS	1-3/4” (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

NOTE:
1) *THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.*
2) *CONFIGURATION OF THE PANEL AREAS MAY VARY.*
3) *GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2” (51) FROM EACH END AND 12” (304.8) ON CENTER MAX.*
4) *GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*

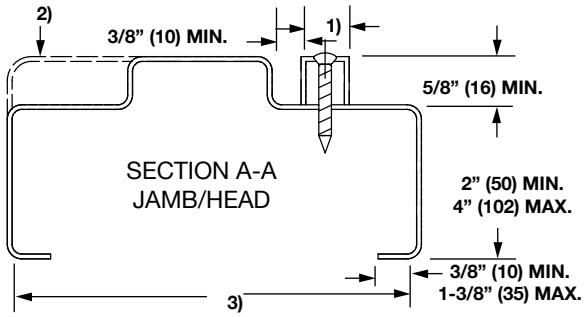
HALF/SIDELITE FRAME (MASONRY WALLS ONLY)

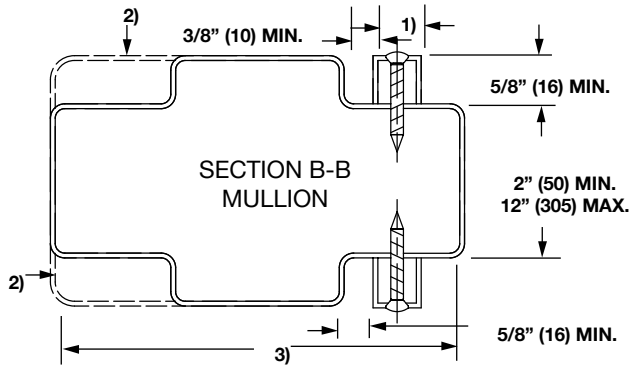
90 MINUTE MAXIMUM RATING IN MASONRY WALL
ELEVATION/SECTION DETAILS

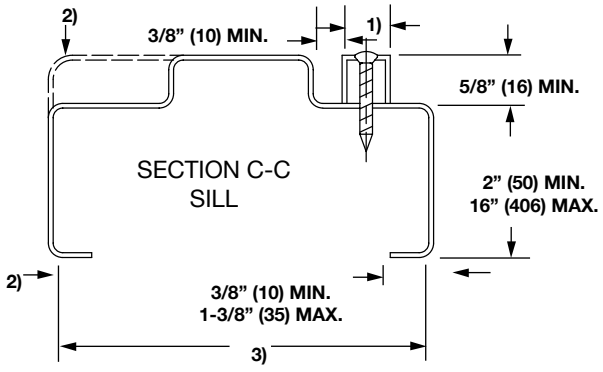




GENERAL NOTES:
1) 5/8" (16) MIN.
2) VARIABLE PROFILE
3) 4-3/4" (121) MIN.
14" (356) MAX.







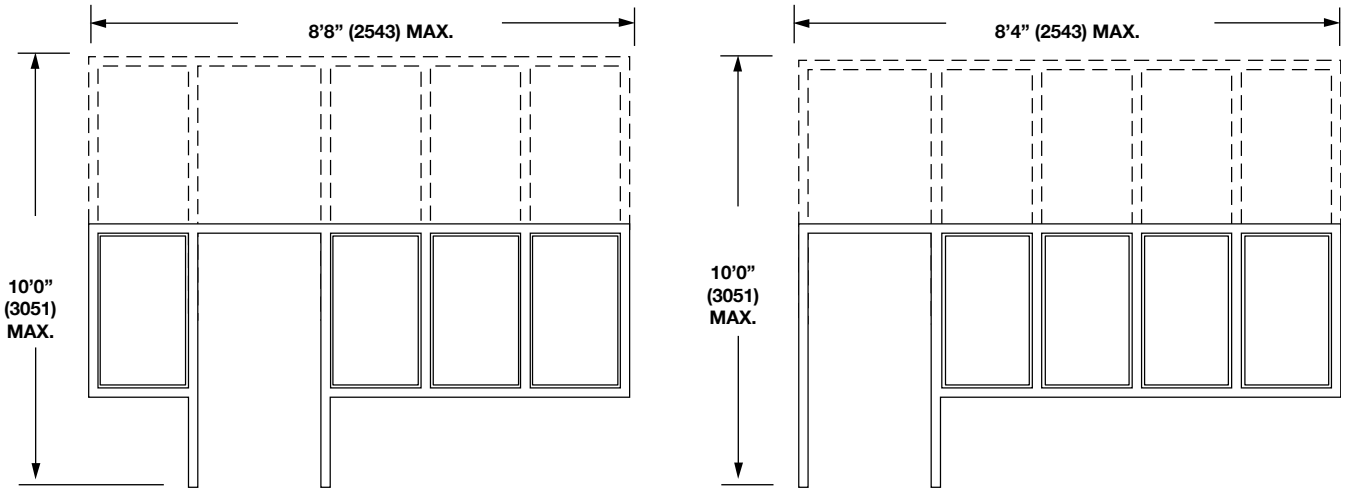
HALF/SIDELITE FRAME (MASONRY WALLS ONLY)

90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13’6” (4115) W X 12’0” (3658) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) W X 10’0” (3048) H PAIR — 8’0” (2438) W X 10’0” (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	MASONRY ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4” (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96” (2438) W X 48” (1219) H 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96” (2438) W X 48” (1272) H ANY LISTED MANUFACTURER’S WOOD PANEL
SIDE PANELS	1-3/4” (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

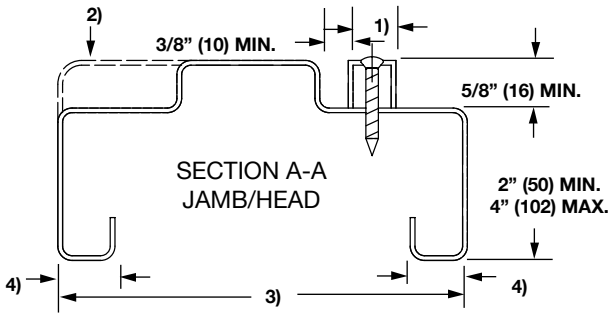
NOTE:
1) *THE CONFIGURATION OF THE TRANSOM AND SIDE AREAS MAY VARY.*
2) *THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.*
3) *GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2” (50) FROM EACH END AND 12” (305) ON CENTER MAX.*
4) *STOP EXTENDERS MAY BE USED WITH THIS FRAME.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*
6) *ANCHORS NOT REQUIRED IN HEAD.*

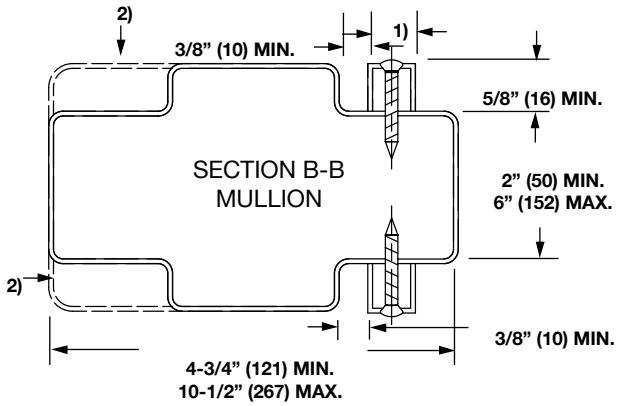
HALF/SIDELITE FRAME (DRYWALL WALLS ONLY)

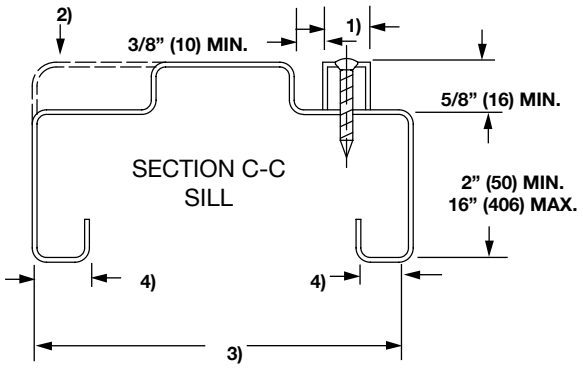
90 MINUTE MAXIMUM RATING IN DRYWALL WALLS
ELEVATION/SECTION DETAIL



GENERAL NOTES:
1) 5/8" (16) MIN.
2) VARIABLE PROFILE
3) 4-3/4" (121) MIN.
14" (356) MAX.
4) 3/8" (10) MIN.
1-3/8" (35) MAX.







HALF/SIDELITE FRAME (DRYWALL WALLS ONLY)

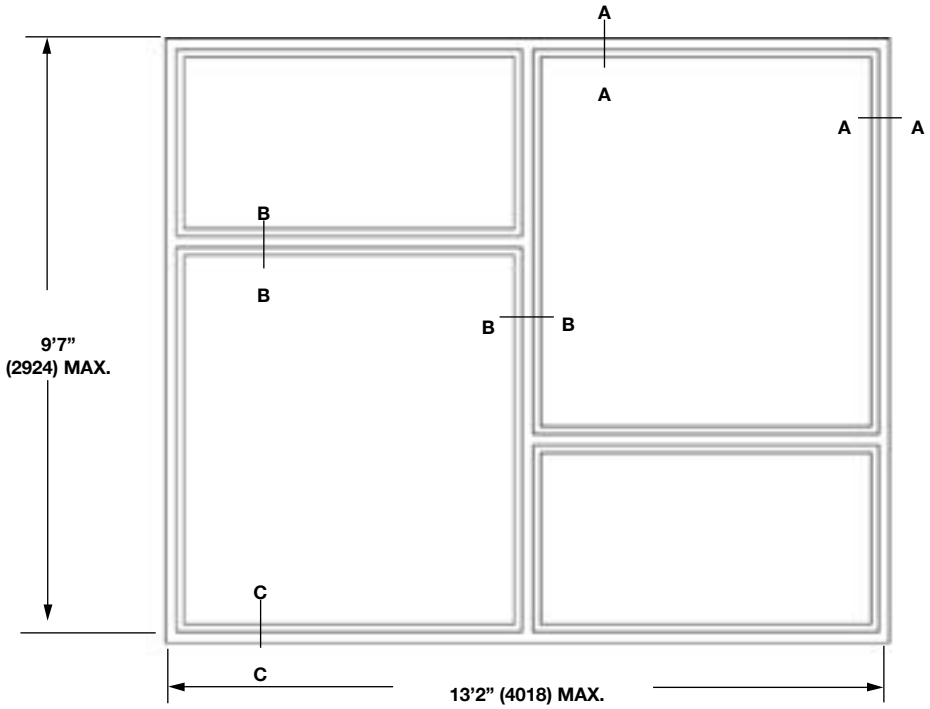
90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	8’4” (2543) W X 10’0” (3051) H
MAXIMUM DOOR SIZE:	SINGLE — 4’0” (1219) W X 10’0” (3048) H PAIR — 8’0” (2438) W X 10’0” (3048) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	DRYWALL ONLY
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME
MAXIMUM PANEL DIMENSIONS TRANSOM PANEL	1-3/4” (44) THICK HOLLOW METAL TRANSOM PANEL NO GREATER THAN 96” (2438) W X 48” (1219) H 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 96” (2438) W X 48” (1272) H ANY LISTED MANUFACTURER’S WOOD PANEL
SIDE PANELS	1-3/4” (44) THICK HOLLOW METAL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN. 1/2” (13) THICK SOLID PANEL THAT SHALL BE NO GREATER THAN 54” (1372) W X 54” (1372) H MAX NOT TO EXCEED 1296 (836127) SQ. IN.

NOTE:

1) *THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.*
2) *CONFIGURATION OF THE PANEL AREAS MAY VARY.*
3) *GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREW 2” (51) FROM EACH END AND 12” (305) ON CENTER MAX.*
4) *GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*
6) *ANCHORS NOT REQUIRED IN HEAD.*
7) *HORIZONTAL SILL REQUIRES ANCHORS FOR EACH 30” (762) OF LENGTH.*

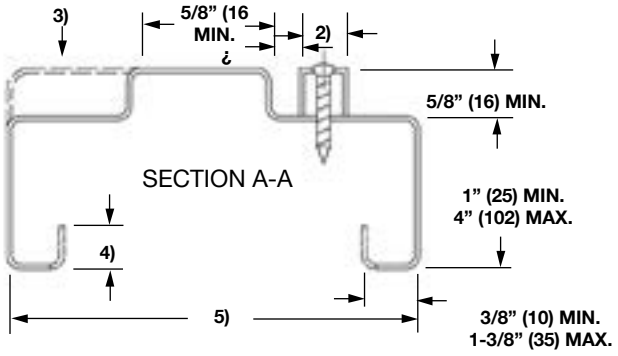
FIRE WINDOW FRAME

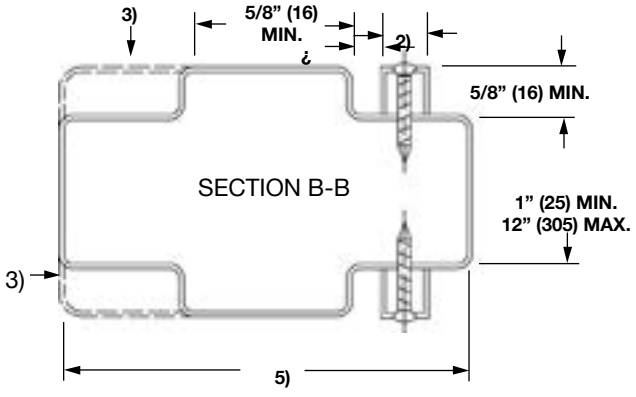
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING
ELEVATION/SECTIONS DETAIL

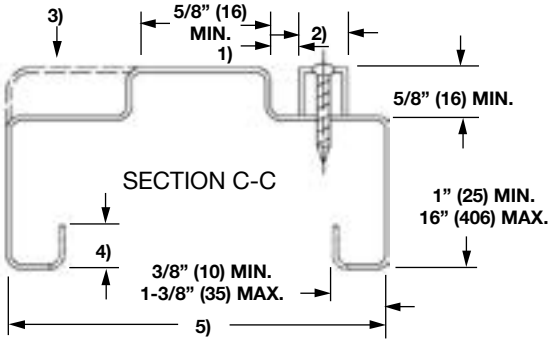


GENERAL NOTES:

1) *3/8" (10) MIN. GLASS POCKET*
2) *5/8" (16) MIN.*
3) *VARIABLE PROFILE*
4) *3/8" (10) MIN.*
   3/4" (19) MAX.
5) *4-1/2" (124) MIN.*
   14" (356) MAX.







FIRE WINDOW FRAME

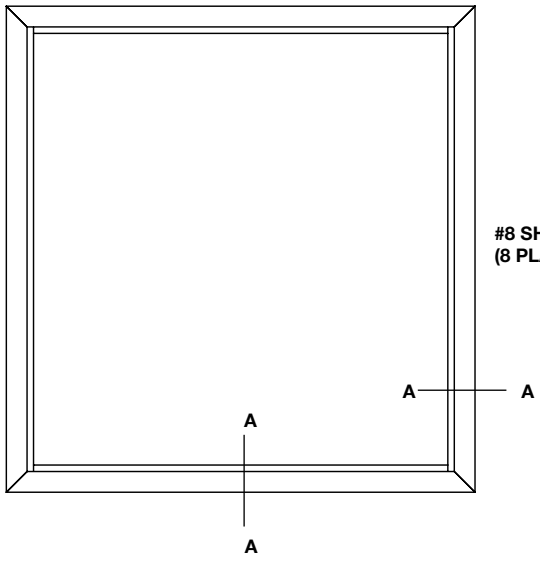
20 MINUTE WITHOUT HOSE STREAM MAXIMUM RATING.	
MAXIMUM FRAME SIZE:	13’2” (4013) W X 9’7” (2924) H
MAXIMUM GLASS AREAS	5/8” (16) H X 5/8” (16) W MIN. STOP; MAX. W OR H IS 109-3/4” (2788); NOT TO EXCEED 5268 SQ. IN. (3398703) VISIBLE GLASS SEE FRAME GLAZING CHARTS FOR ADDITIONAL GLAZING OPTIONS.
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

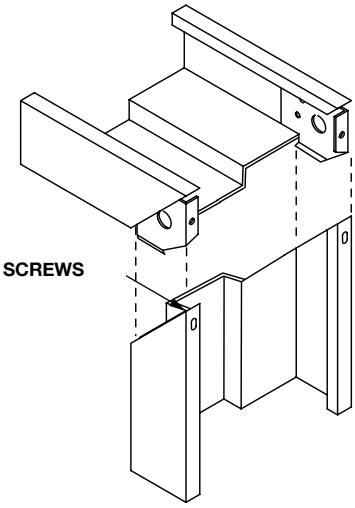
NOTE:

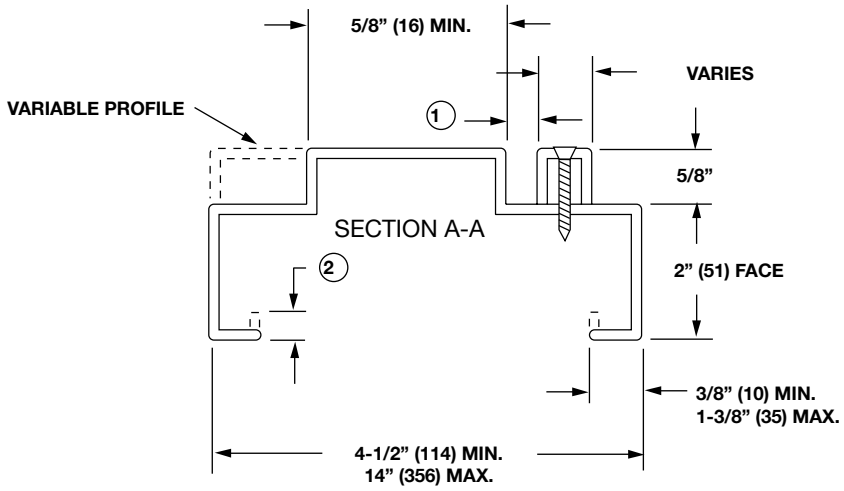
1) *IF THE FIRE WINDOW FRAME DOES NOT EXTEND TO THE FLOOR AND IS SUSPENDED OVER A DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30” (762) OF LENGTH OR FRACTION THEREOF.*
2) *THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY. ONLY LISTED GLAZING MATERIALS MAY BE USED IN THIS FRAME.*
3) *THE AUTHORITY HAVING JURISDICTION SHOULD REVIEW THE USE OF A FIRE WINDOW FRAME WITH A 20 MINUTE - WITH OUT HOSE STREAM RATING.*
4) *GLASS STOP SCREW SPACING #8 OVAL HEAD SHEET METAL SCREW 2” FROM EACH END AND 12” (304.8) ON CENTER MAX.*
5) *GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.*

KD FIRE WINDOW FRAME (20 MIN. WITHOUT HOSE STREAM)

Ⓛ







GENERAL NOTES:

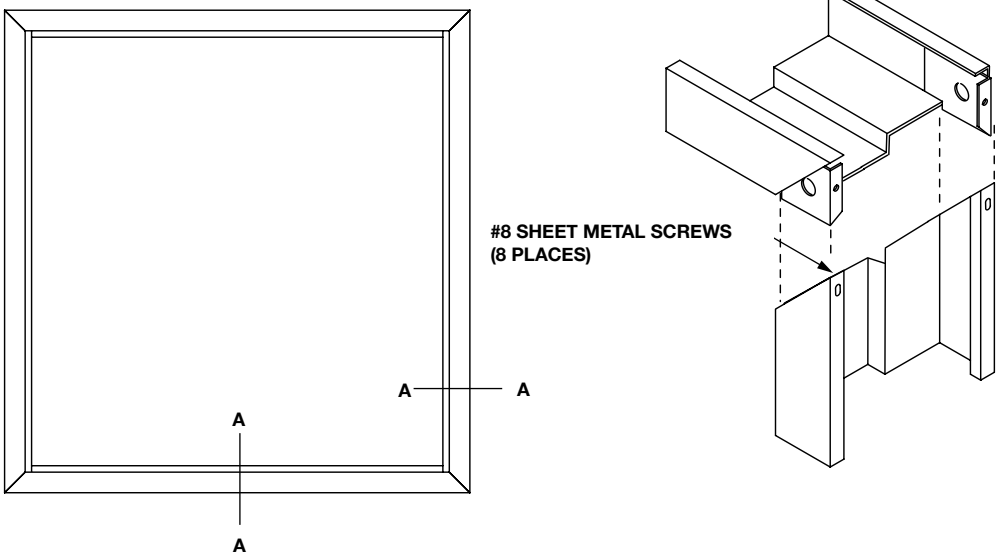
① *3/8" (10) MIN. GLASS POCKET*

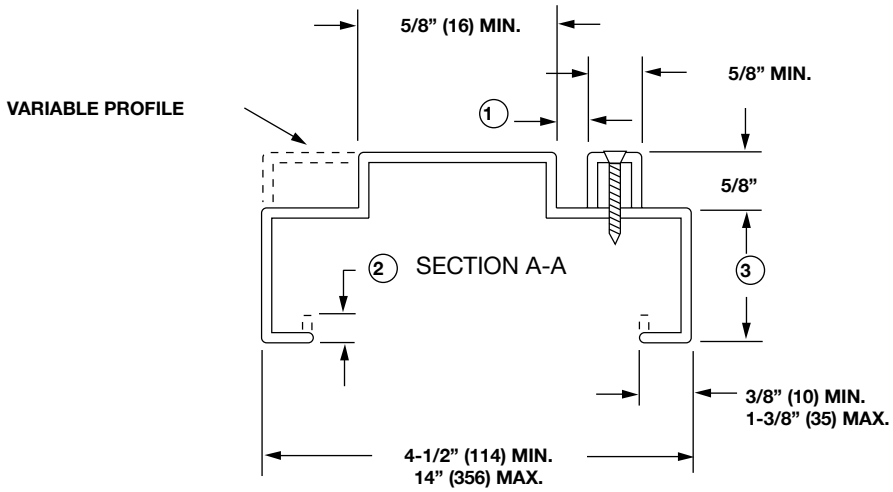
② *3/8" (10) MIN. 3/4" (19) MAX.*

SPECIFICATIONS:

- SIZE: MAX. INDIVIDUAL VISIBLE GLASS SIZE IS 109-3/4" (2788) WIDE AND 109-3/4" (2788) HIGH, NOT TO EXCEED 5268 SQ. INCHES.
- POCKET DEPTH: 5/8" (16) MIN.
- WALL CONSTRUCTION: DRYWALL
- FRAME CONSTRUCTION: KD
- ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
- MATERIAL: COLD ROLLED OR GALVANIZED STEEL
- GAUGE: 16 GA. (1.5) MIN., 14 GA. (1.8) MAX.
- GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (305) ON CENTER.

KD FIRE WINDOW 3/4 HOUR FRAME





GENERAL NOTES:

① *3/8" (10) MIN. GLASS POCKET*

② *3/8" (10) MIN. 3/4" (19) MAX.*

③ *1-1/2" (38) 1-3/4" (45) AND 2" (51) FACES ONLY*

SPECIFICATIONS:

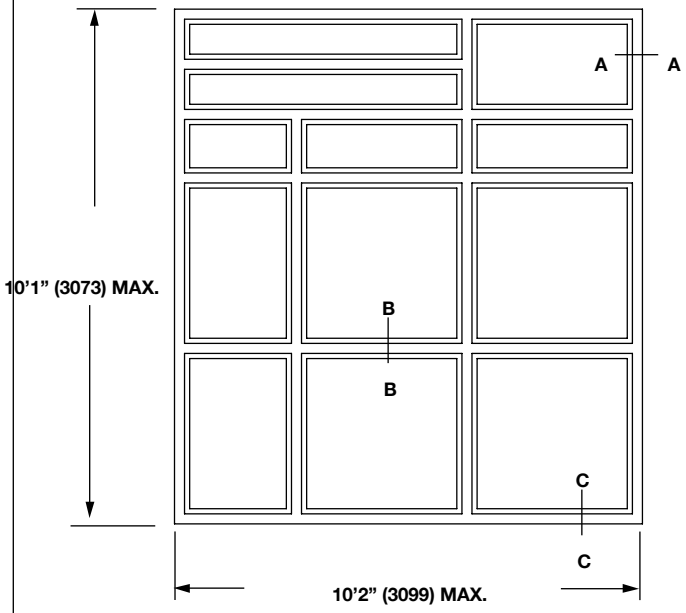
- WALL CONSTRUCTION: DRYWALL
- FRAME CONSTRUCTION: KD
- ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
- MATERIAL: COLD ROLLED OR GALVANIZED STEEL
- GAUGE: 16 GAUGE (1.5) MIN., 14 GA. (1.9) MAX.
- GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2" (51) FROM EACH END AND 12" (305) ON CENTER.
- MUST USE NORTON NORSEAL TAPE V980 OR 100% SILICON.

MAX. AREA EXPOSED GLASS SQ. IN. IN.	MAX. WIDTH IN.	MAX. HEIGHT IN.	MIN. DEPTH OF POCKET
1296 (836,127)	54 (1372)	54 (1372)	5/8 (16)

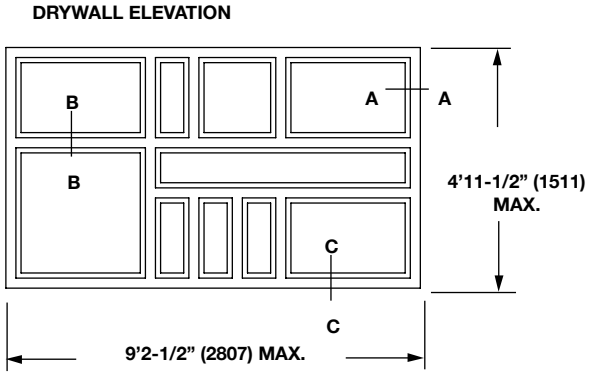
FIRE WINDOW FRAME

60 MINUTE MAXIMUM RATING
ELEVATION/SECTION DETAILS

MASONRY ELEVATION

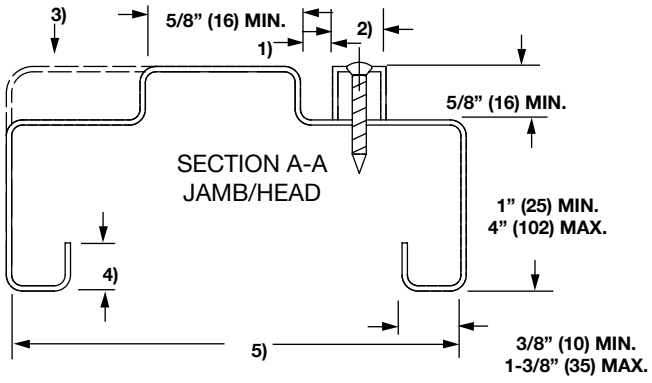


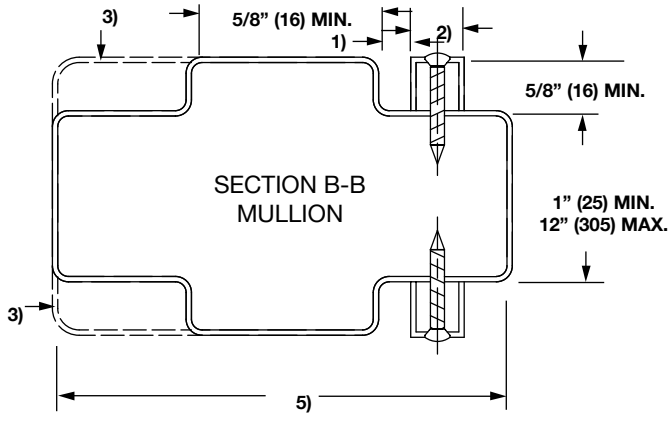
DRYWALL ELEVATION

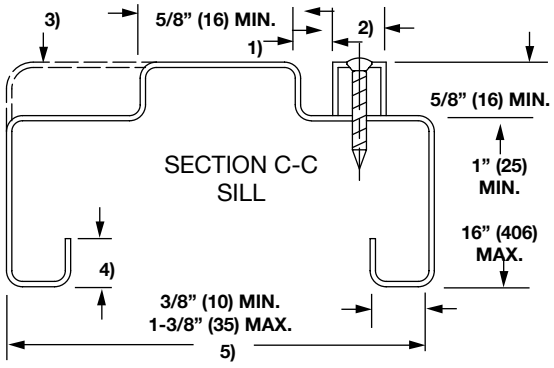


GENERAL NOTES:

1) *3/8" (10) MIN. GLASS POCKET*
2) *5/8" (16) MIN.*
3) *VARIABLE PROFILE*
4) *3/8" (10) MIN.*
   3/4" (19) MAX.
5) *4-7/8" (124) MIN.*
   14" (356) MAX.







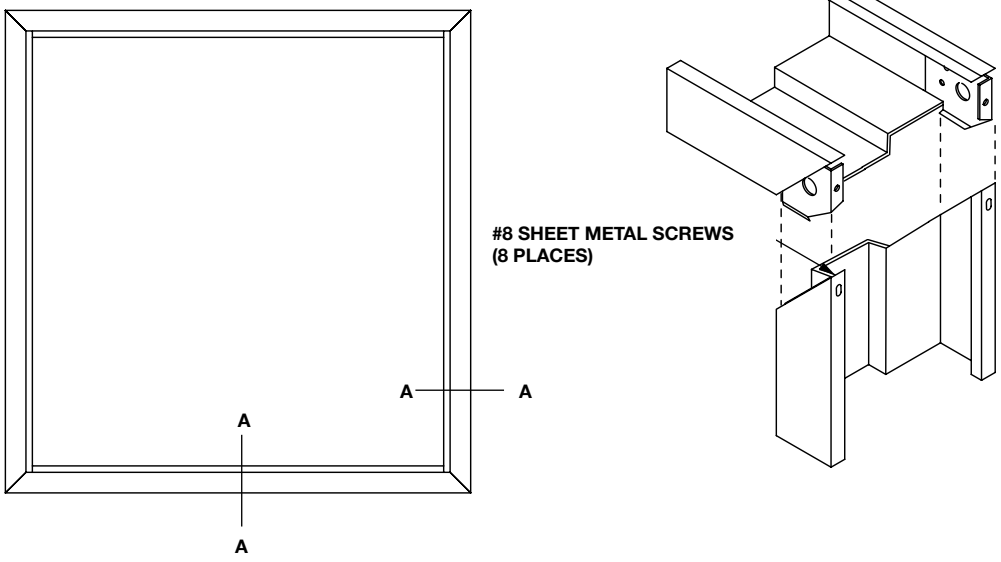
FIRE WINDOW FRAME

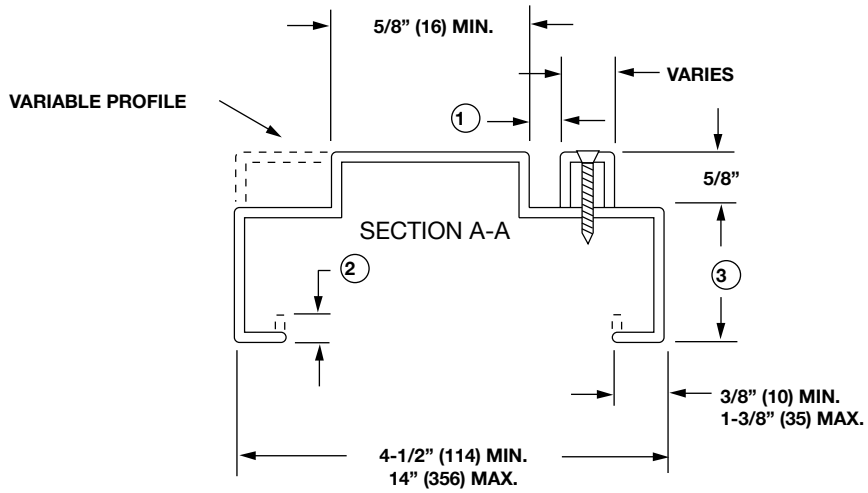
60 MINUTE MAXIMUM RATING	
OVERALL FRAME SIZE:	A) 10’2” (3099) W X 10’1” (3073) H; FOR USE IN EITHER MASONRY WALLS OR DRYWALL WALLS WITH A NON-COMBUSTIBLE SILL. B) 9’2-1/2” (2807) W X 4’11-1/2” (1511) H; FOR USE IN EITHER MASONRY WALLS OR DRYWALL WALLS WITH A DRYWALL SILL.
MAX. GLASS AREA:	5/8” (16) H X 5/8” (16) W GLASS STOP; MAX. WIDTH: 54” (1372); MAX. HEIGHT: 77-3/4” (1975) 2721 SQ. INCHES (1755480) OF VISIBLE GLASS. - GLAZING MATERIAL: 3/16” (5) THICK “FIRELITE” OR 5/16” (8) THICK “FIRELITE PLUS” GLASS ONLY! - GLAZING COMPOUNDS: 100% SILICON, DAP “33”, OR METACAULK 990.
WALL CONSTRUCTION:	DRYWALL OR MASONRY
FRAME CONSTRUCTION:	WELDED JOINTS ONLY!
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 14 GA. (1.9) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:
1) *IF FIRE WINDOW FRAME IS INSTALLED OVER DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30” (762) OF SILL LENGTH OR FRACTION THEREOF.*
2) *GLASS STOP SCREW SPACING: NO. 8 SHEET METAL SCREWS SPACED 2” (51) FROM EACH END AND 12” (304.8) ON CENTER.*

KD FIRE WINDOW FRAME (1 HR. FIRE RATED FRAME WITH “FIRELITE” GLASS)

Ⓛ





GENERAL NOTES:

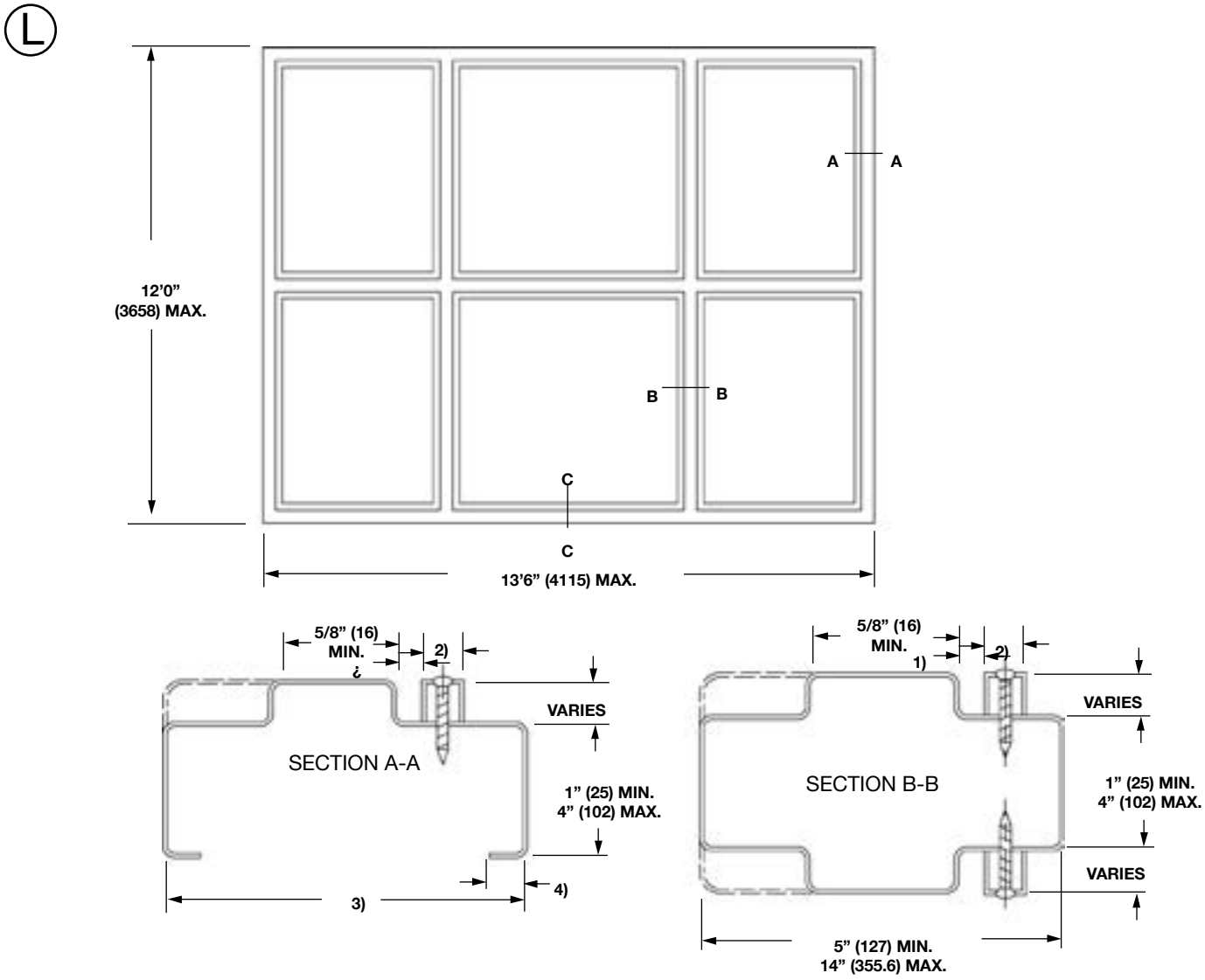
1. *3/8” (10) MIN. GLASS POCKET*
2. *3/8” (10) MIN. 3/4” (19) MAX.*
3. *1-1/2” (38) 1-3/4” (45) AND 2” (51) FACES ONLY*

SPECIFICATIONS:

- SIZE: MAX. INDIVIDUAL VISIBLE GLASS SIZE IS 54” (1372) WIDE AND 77-3/4” (1975) HIGH, NOT TO EXCEED 2721 SQ. INCHES.
- POCKET DEPTH: 5/8” (16) MIN.
- WALL CONSTRUCTION: DRYWALL
- FRAME CONSTRUCTION: KD
- ANCHORS: FIRE WINDOW FRAME SHALL BE PROVIDED WITH LABEL APPROVED DRYWALL ANCHORS. IF COMPRESSION TYPE ANCHORS ARE USED THEY SHALL BE INSTALLED IN THE SILL AND HEAD MEMBERS.
- MATERIAL: COLD ROLLED OR GALVANIZED STEEL
- GAUGE: 16 GA. (1.5) MIN., 14 GA. (1.9) MAX.
- GLASS STOP SCREWS: NO. 8 SHEET METAL SCREWS SPACED 2” (51) FROM EACH END AND 12” (305) ON CENTER.
- GLAZING MATERIAL: “FIRELITE” OR “FIRELITE PLUS” GLASS INSTALLED WITH EITHER 100% SILICON, DAP 33, OR METACAULK 990 GLAZING COMPOUND.
- MAY NOT BE USED FOR POSITIVE PRESSURE APPLICATIONS.

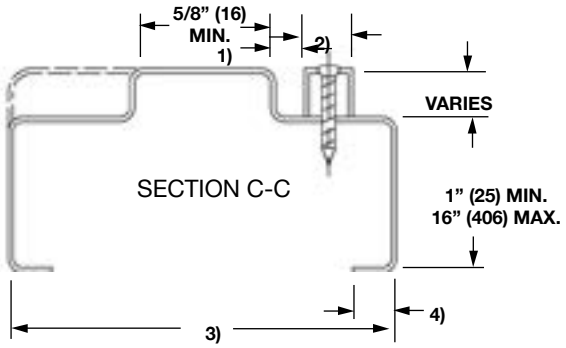
FIRE WINDOW FRAME (MASONRY WALLS ONLY)

90 MINUTE MAXIMUM RATING
IN MASONRY WALLS ONLY
ELEVATION/SECTIONS DETAIL



GENERAL NOTES:

1) *3/8" (10) MIN. GLASS POCKET*
2) *5/8" (16) MIN.*
3) *5" (127) MIN.*
   14" (356) MAX.
4) *3/8" (10) MIN.*
   1-3/8" (35) MAX.



FIRE WINDOW FRAME (MASONRY WALLS ONLY)

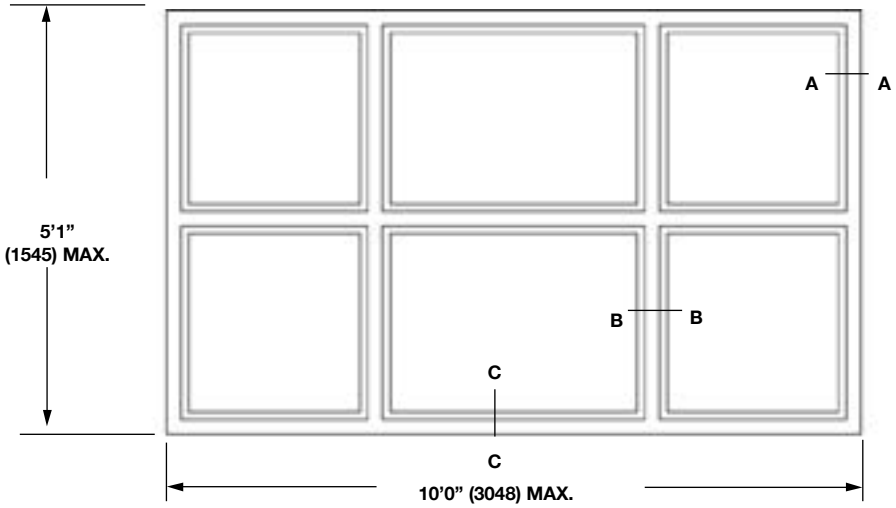
90 MINUTE MAXIMUM RATING	
MAXIMUM FRAME SIZE:	13’6” (4115) W X 12’0” (3658) H
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR GLASS OPTIONS.
WALL CONSTRUCTION:	MASONRY OR DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

NOTE:

1) *GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2” (51) FROM EACH END AND 12” (304.8) ON CENTER*
2) *THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY.*
3) *THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.*
4) *GLASS STOP EXTENDER MAY BE USED WITH THIS FRAME.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*

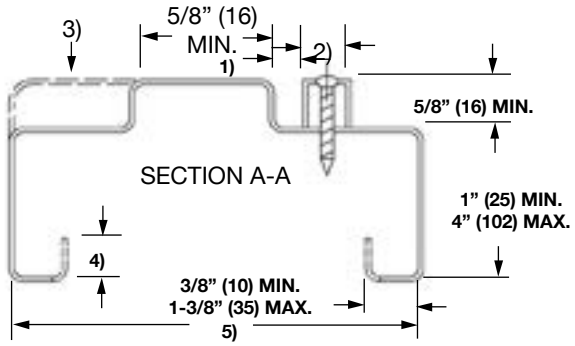
FIRE WINDOW FRAME

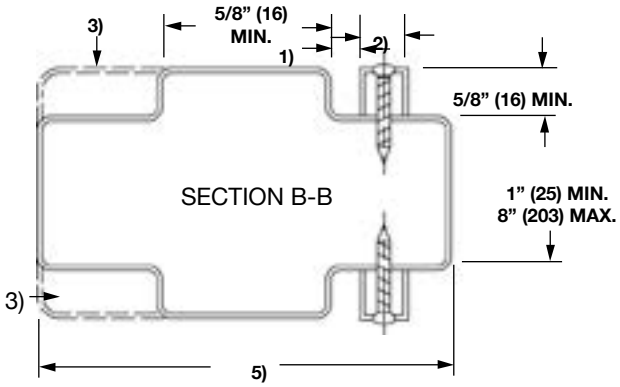
90 MINUTE MAXIMUM RATING
DRYWALL WALLS ELEVATION/SECTIONS DETAIL

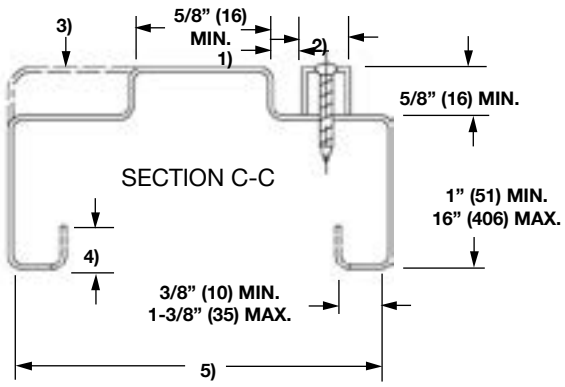


GENERAL NOTES:

1) *3/8" (10) MIN. GLASS POCKET*
2) *5/8" (16) MIN.*
3) *VARIABLE PROFILE*
4) *3/8" (10) MIN.*
   3/4" (19) MAX.
5) *4-1/2" (114) MIN.*
   14" (356) MAX.







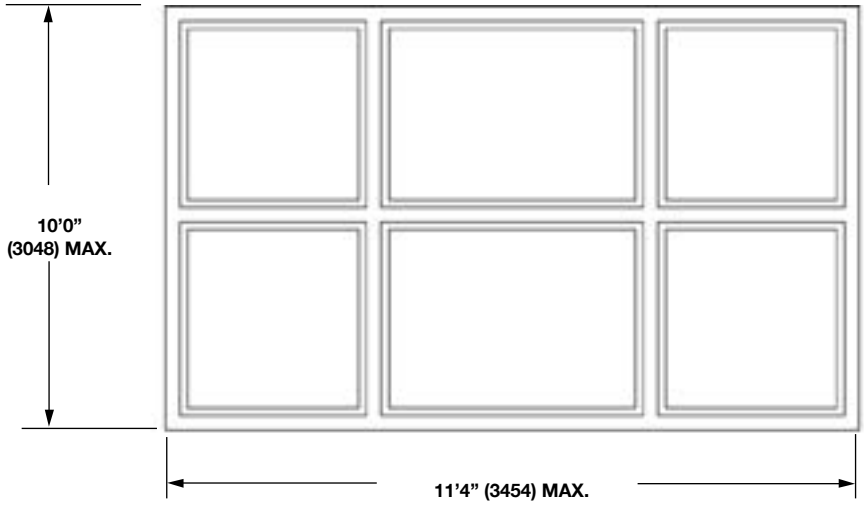
FIRE WINDOW FRAME

90 MINUTE MAXIMUM RATING	
OVERALL FRAME SIZE:	10’0” (3048) W X 5’1” (1549) H; FOR USE IN DRYWALL WALLS.
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR GLASS OPTIONS.
WALL CONSTRUCTION:	DRYWALL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL ANCHOR

NOTE:
1) *IF FIRE WINDOW FRAME IS INSTALLED OVER DRYWALL SILL, A SUITABLE ANCHOR MUST BE USED IN THE SILL MEMBER FOR EACH 30” (762) OF SILL LENGTH.*
2) *STOP HEIGHT EXTENDER MAY BE USED ON THESE FRAMES.*
3) *GLASS STOP SCREW SPACING: NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2” (51) FROM EACH END AND 12” (304.8) ON CENTER.*
4) *THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*

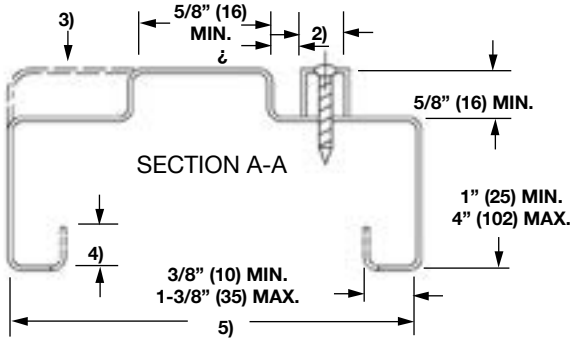
FIRE WINDOW FRAME (DRYWALL WALLS WITH NON COMBUSTIBLE SILL)

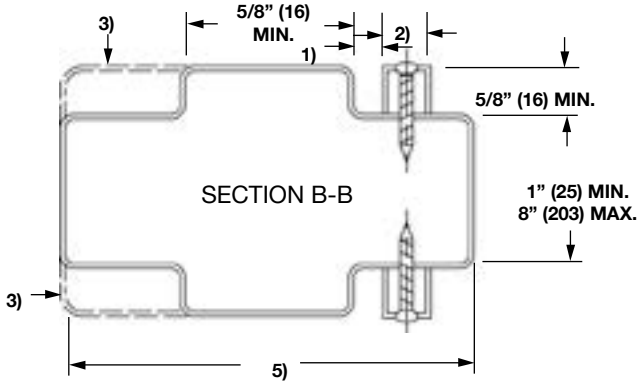
90 MINUTE MAXIMUM RATING
DRYWALL WALLS WITH NONCOMBUSTIBLE SILL
ELEVATION/SECTIONS DETAIL

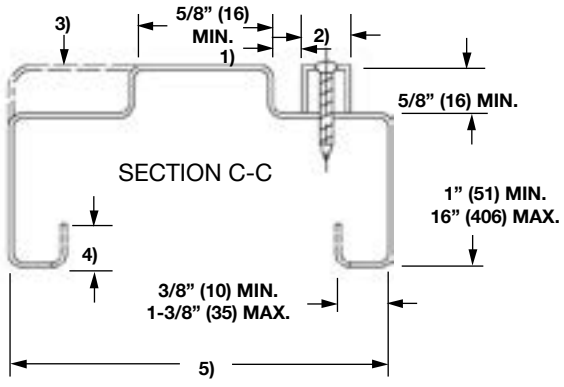


GENERAL NOTES:

1) *3/8" (10) MIN. GLASS POCKET*
2) *5/8" (16) MIN.*
3) *VARIABLE PROFILE*
4) *3/8" (10) MIN.*
   3/4" (19) MAX.
5) *4-1/2" (114) MIN.*
   14" (356) MAX.







FIRE WINDOW FRAME (DRYWALL WALLS WITH NON COMBUSTIBLE SILL)

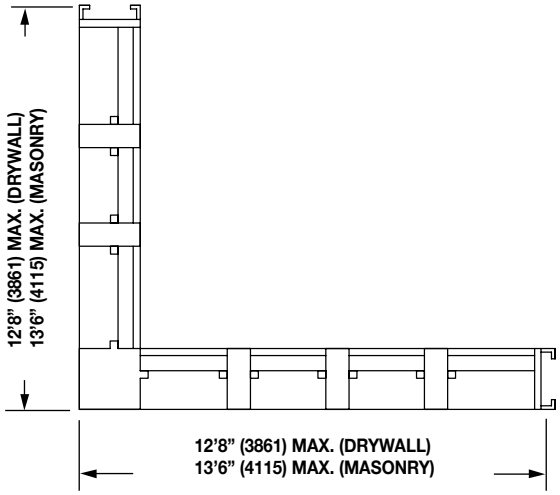
90 MINUTE MAXIMUM RATING	
OVERALL FRAME SIZE:	11’4” (3454) W X 10’0” (3048) H; FOR USE IN DRYWALL WALLS WITH A NON-COMBUSTIBLE MASONRY OR CONCRETE SILL.
GLAZING REQUIREMENTS:	SEE FRAME GLAZING CHARTS FOR GLAZING OPTIONS INCLUDING MAXIMUM HOURLY RATINGS. MAXIMUM VISIBLE AREA, MAXIMUM HEIGHT AND WIDTH, MINIMUM STOP HEIGHT, AND GLASS POCKET WIDTH FOR EACH GLAZING OPTION IS LISTED IN THE CHART. LISTED GLAZING COMPOUND, 100% SILICONE, OR CLOSED CELL FOAM TAPE MAY BE USED. SEE GLAZING MANUFACTURER’S INSTALLATION INSTRUCTIONS FOR OPTIONS.
WALL CONSTRUCTION:	DRYWALL WITH NON-COMBUSTIBLE SILL
FRAME CONSTRUCTION:	FACE OR CONTINUOUS WELDS.
MATERIAL:	COLD ROLLED AND GALVANIZED STEEL 16 GA. (1.5) MINIMUM TO 12 GA. (2.6) MAXIMUM
ANCHORS:	ANY LISTED WELD IN OR SLIP-IN TYPE DRYWALL OR MASONRY ANCHORS MAY BE USED IN THIS FRAME

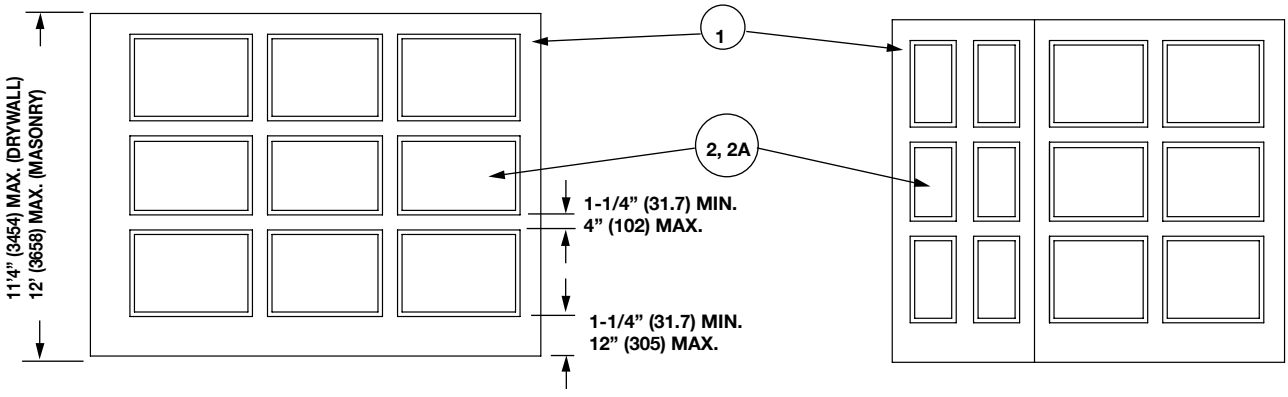
NOTE:

1) *GLASS STOP SCREW SPACING; NO. 8 OVAL HEAD SHEET METAL SCREWS SPACED 2” (51) FROM EACH END AND 12” (304.8) ON CENTER*
2) *THE CONFIGURATION OF GLASS LIGHT AREAS MAY VARY.*
3) *THIS FRAME MAY BE PROVIDED WITH A SCREW APPLIED FIELD SPLICE FOR CONNECTION AT THE JOB SITE.*
4) *GLASS STOP EXTENDERS MAY BE USED WITH THIS FRAME.*
5) *ASSEMBLY HAS NO TEMPERATURE RISE RATING.*

FIRE WINDOW FRAME BOW WINDOW

ASSEMBLY NO. WA-3-01
FIRE RATINGS - 60 MINUTE MAXIMUM
MEETS THE CRITERIA OF STANDARD UL 9 (2000) AND UBC STANDARD 7-4, (1997)
U.L. RATED ONLY

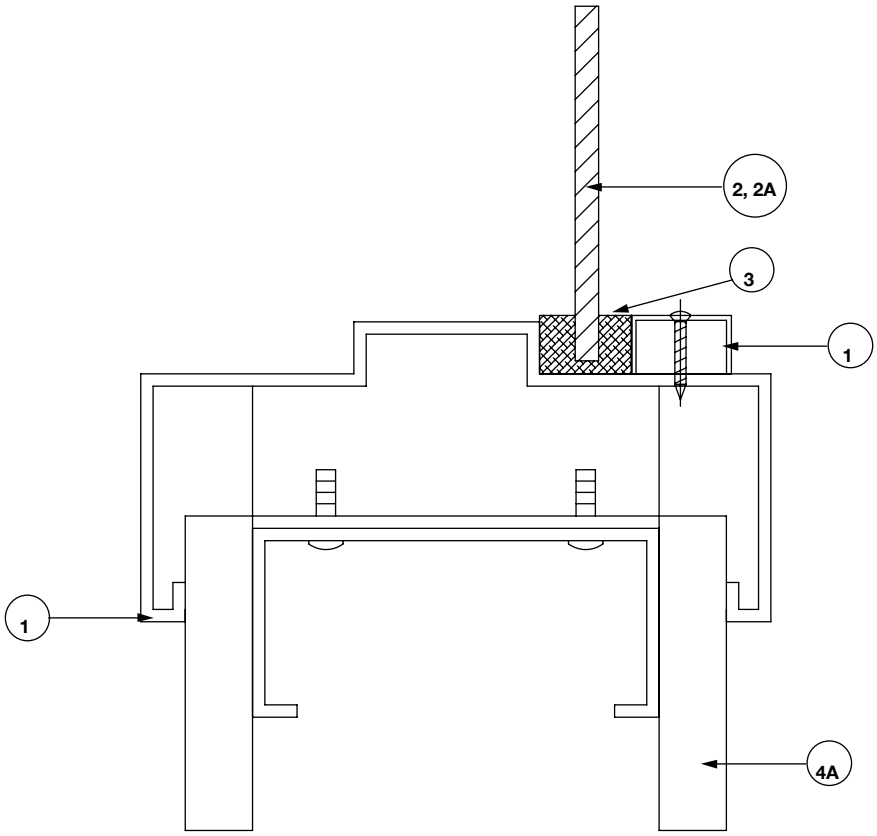




90˚ CORNER

ANGLED CORNER

FIRE WINDOW FRAME BOW WINDOW



CROSS SECTION

1. FIRE WINDOW FRAME + THE FRAME IS TO BE INSTALLED IN ACCORDANCE WITH THE RECOMMENDED INSTALLATION PRACTICES PRESENTED IN NFPA 80, “FIRE-RATED HOLLOW METAL DOORS AND WINDOWS,” AND NAAMM STANDARD 850-00, “FIRE-RATED HOLLOW METAL DOORS AND FRAMES.” THE WINDOW FRAME MAY INCLUDE A DOOR FRAME THAT IS PART OF A FIRE RATED DOOR ASSEMBLY HAVING A MIN. 60 MINUTE RATING. THE BASIC FRAME CONSTRUCTION AND LIMITATIONS ARE AS FOLLOWS:

- OPENING SIZE-MAXIMUM WALL OPENING SIZE SHALL BE 152 IN. FOR GYPSUM WALLBOARD CONSTRUCTION AND 162 IN. FOR MASONRY CONSTRUCTION. FRAME PROJECTION FROM FACE OF WALL SHALL NOT EXCEED THE MAX. ALLOWABLE OPENING WIDTH.
- MULLION AND JAMB FACE DIMENSIONS 1-1/4 MIN. – 4 IN. MAX. SILL FACE DIMENSION 1-1/4 IN. MIN. - 12 IN. MAX.
- THE FRAME IS TO BE PROVIDED WITH ANCHORS SUITABLE FOR THE WALL CONDITIONS IN ACCORDANCE WITH NAAMM STANDARD 850-00.
- THE INSIDE ANGLE BETWEEN FRAME SEGMENTS MAY VARY. INSIDE ANGLES OF 90˚ AND 135˚ ARE SHOWN IN THE ILL. FRAME CURVATURE TO BE CONTINUOUS OR SEGMENTED.
- SPLICES - THE FRAME MAY BE PROVIDED WITH SPLICES FOR SHIPMENT PURPOSES.

FIRE WINDOW FRAME BOW WINDOW

2) **GLAZING MATERIALS*** 1/4 IN. THICK WIRED GLASS. SEE GLAZING MATERIALS CATEGORY (KCMZ) FOR NAMES OF CLASSIFIED COMPANIES AND THE MAXIMUM SIZE OF GLAZING MATERIAL. GLAZING MATERIAL SHALL HAVE A MINIMUM RATING OF 3/4 HR.

2A) **GLAZING MATERIALS (ALTERNATE)*** AS AN ALTERNATE TO WIRED GLASS, THE FOLLOWING GLAZING MATERIALS MAY BE USED. SEE GLAZING MATERIALS (KCMZ) FOR THE MAXIMUM SIZE OF GLAZING MATERIAL. GLAZING MATERIAL SHALL HAVE A MINIMUM RATING OF 3/4 HR.
NIPPON ELECTRIC GLASS CO LTD - NON-WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU **MESTEK CO. ANEMOSTAT PRODUCTS** - NON-WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU **TECHNICAL GLASS PRODUCTS** - NON WIRED 3/16 IN. FIRELITE, FIRELITE NT, 5/16 IN. THICK FIRELITE PLUS, FIRELITE IGU

3) **GLAZING COMPOUND*** GLAZING COMPOUND SHALL COMPLETELY FILL THE GLAZING POCKET WITH A MIN. THICKNESS OF 1/16 IN.
BETWEEN THE GLAZING AND THE FRAME. SEE GLAZING MATERIALS CATEGORY (KCMZ) FOR NAMES OF GLAZING COMPOUNDS TO BE USED WITH GLAZING MATERIALS (ITEM 2).

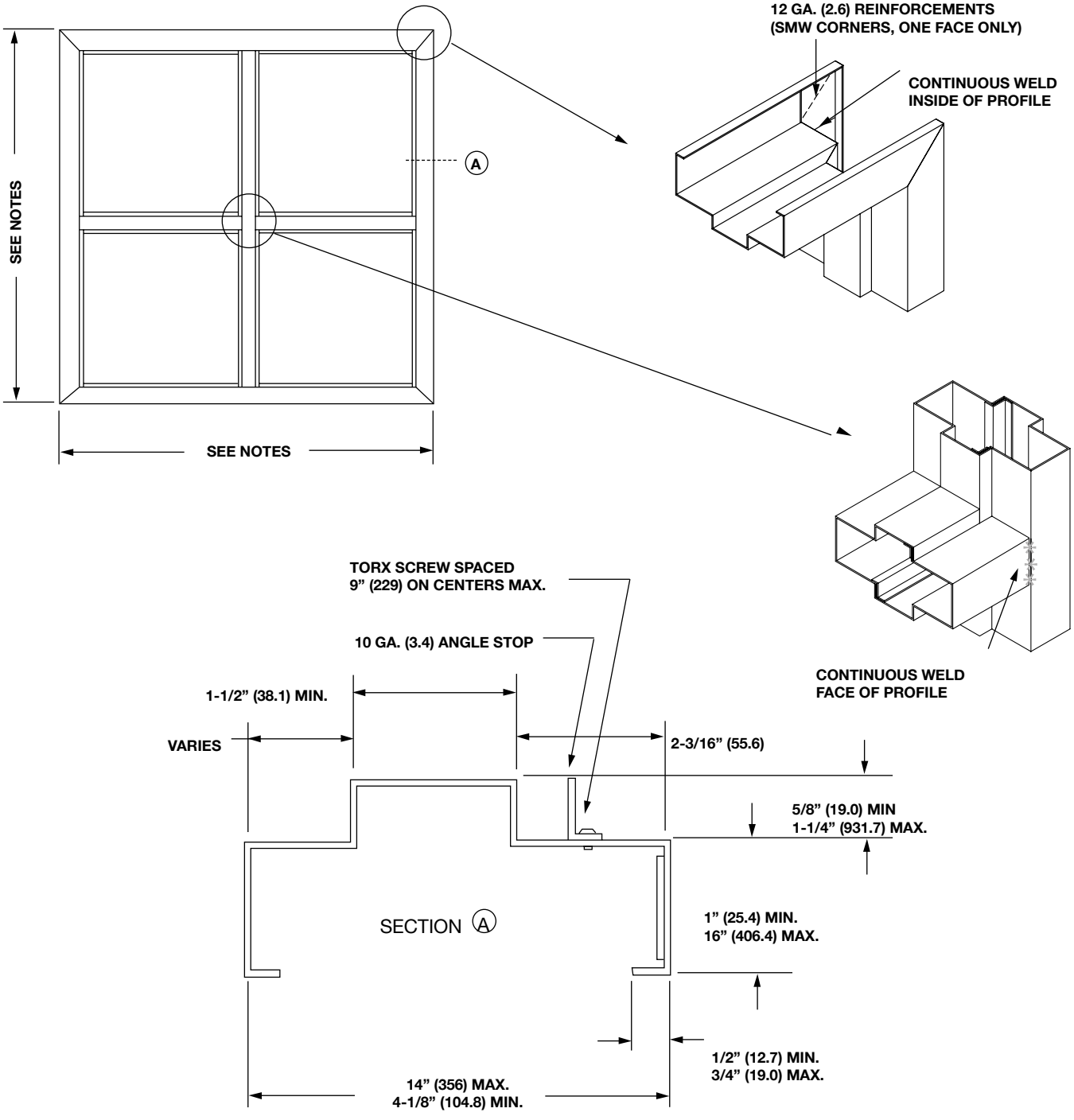
4) **WALL CONSTRUCTION** MASONRY OR DRYWALL CONSTRUCTION (STEEL STUD GYPSUM WALLBOARD WALL SHOWN).

A) **GYPSUM WALLBOARD** THE ONE HOUR MINIMUM FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY. THE FIRE WINDOW FRAME IS ANCHORED TO THE STEEL STUDS OR WOOD STUDS USING THE APPROPRIATE ANCHORS SHIPPED WITH THE FRAME. WHERE FRAME IS ADJACENT TO GYPSUM WALL BOARD ASSEMBLY, THE OPENING IS TO BE FRAMED WITH DOUBLE STUDS. GYPSUM WALLBOARD TO BE INSERTED INTO THE FRAME THROAT 1/2 IN. MINIMUM.

B) **MASONRY** FRAME TO BE INSTALLED INTO MASONRY CONSTRUCTION (BRICK CONCRETE BLOCK) WITH A ONE-HOUR MINIMUM FIRE RATING USING MASONRY TYPE ANCHORS.

+BEARING THE UL LISTING MARK.
*BEARING THE UL CLASSIFICATION MARK.

UL752 LEVEL 3 BULLET RESISTANT WINDOW FRAMES



NOTES:

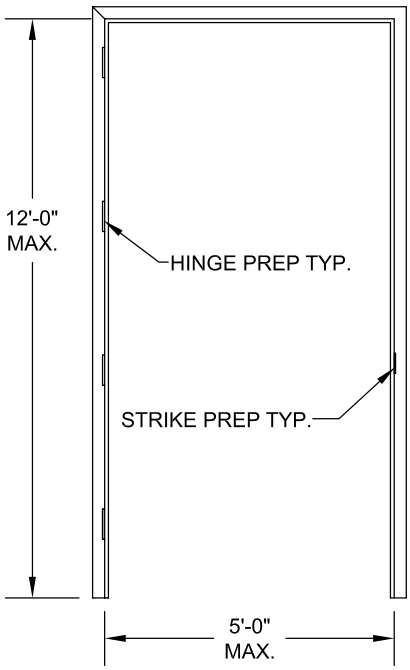
1. *MAX. WINDOW OPENINGS: PER GLASS MANUFACTURER'S LIMITS.*
2. *GAUGE: 12 (2.6) GA. ONLY.*
3. *WALL CONSTRUCTION: MASONRY ONLY.*
4. *FRAME CONSTRUCTION: SAW BUTT WELD (SBW) OR SAW MITER WELD (SMW) ONLY.*
5. *MASONRY ANCHORS ONLY.*

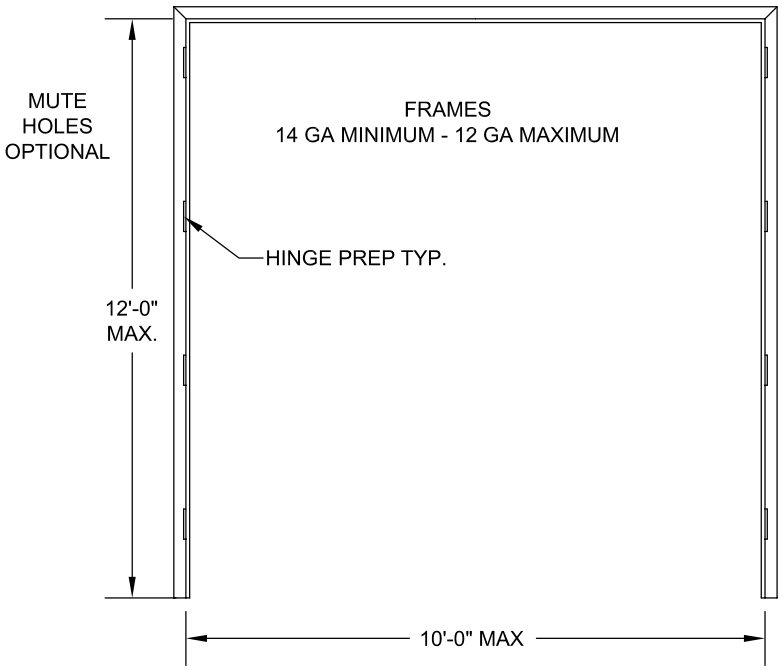
OVERSIZED FIRE DOOR (UL)

90 MINUTE MAXIMUM RATING 5’0” X 12’0” SINGLES 10’0” X 12’0” PAIRS NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
DOOR TYPE	747T ONLY
DOOR GAUGE	16 GA. (1.4) OR 14 GA. (1.9)
FACE TYPE	FLUSH OR GLAZED USING ANY UL CLASSIFIED GLAZING MATERIAL CLASSIFIED FOR USE IN HOLLOW METAL FIRE DOORS
RIB GAUGE	22 GA. (.75) OR 20 GA. (.9)
RIB SPACING	6” ON CENTER MAX.
HINGE CHANNEL	12 GA. (2.6)
LOCK CHANNEL	14 GA. (1.9)
EDGE WELDING	CONTINUOUS EDGE WELDING REQUIRED
END CHANNEL	14 GA. (1.9)
TOP CAP (REQUIRED)	16 GA. (1.4) SCREW APPLIED OR WELDED
HARDWARE	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10’ TALL.
ACTIVE DOOR	MORTISE LOCK WITH 3/4 IN. MINIMUM THROW MUST BE USED. MORTISE LOCK MUST BE UL LISTED FOR USE ON A 4’0” X 10’0” 90 MINUTE FIRE RATED HOLLOW METAL DOOR TO BE USED ON DOORS UP TO AND INCLUDING 5’0” X 12’0”. 10 GAUGE TABE REQUIRED. AUXILIARY LATCHES FOR SINGLES GREATER THAN 4’0” WIDE, PAIRS GREATER THAN 8’0” WIDE OR THE HEIGHT EXCEEDS 10’0” UL LISTED AUXILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK “POPPER” INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO THE FRAME HEAD DOOR RABBET. REINFORCE PER TEMPLATE.
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW MAY BE USED. BOLTS MUST BE UL LISTED FOR USE ON 4’0” X 10’0” 90 MIN. FIRE RATED HOLLOW METAL DOOR TO BE USED ON DOORS UP TO AND INCLUDING 5’0” X 12’0”. BOLTS WITH EXTENSIONS UP TO 60” LONG MAY BE USED. 10 GAUGE FLUSH BOLT AND E1 STRIKE TABS ARE REQUIRED. 12 GAUGE FLUSH BOLT TABS IN END CHANNELS REQUIRED.
CLOSER	DOORS MUST BE EQUIPPED WITH UL LISTED SWINGING DOOR CLOSERS. 12 GAUGE CLOSER REINFORCEMENT REQUIRED.
ASTRAGALS	DOOR PAIRS MUST BE EQUIPPED WITH A 1-1/2” X 12 GA. (2.4) STEEL FLAT ASTRAGAL INSTALLED ON THE ACTIVE OR INACTIVE DOOR.

THREE SIDED FIRE DOOR FRAME (UL)

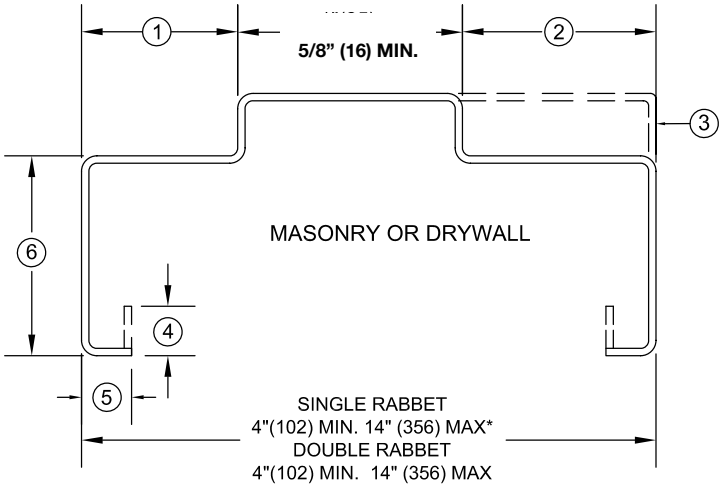
90 MINUTE MAXIMUM RATING
3 SIDED FRAMES
NO DOUBLE EGRESS ALLOWED
UL LISTING ONLY





GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN
3/4" (19) MAX
⑤ 1/2" (13) MIN
3/4" (19) MAX
⑥ 1-1/2"(38) MIN
4" (102) MAX JAMB
4" (102) MAX HEAD

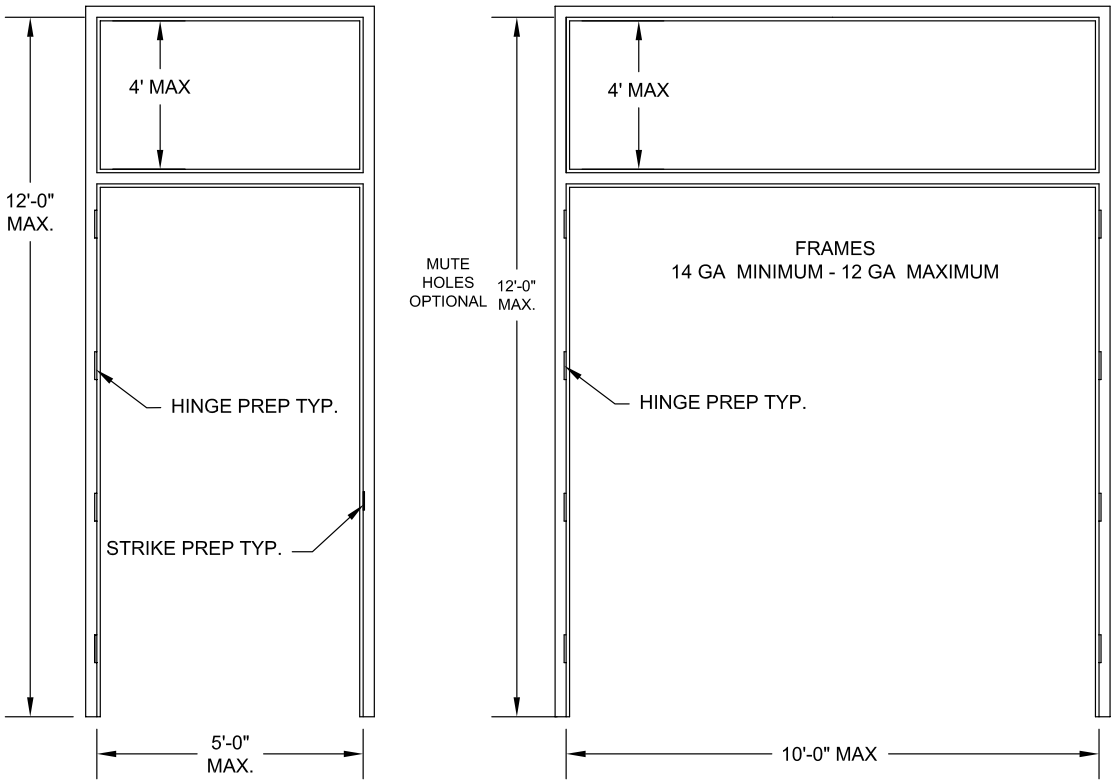


THREE SIDED FIRE DOOR FRAME (UL)

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/ DRYWALL	SINGLE: 5'0" (1524) W X 12'0" (3658) H PAIRS: 10'0" (3048)W X 12'0" (3658) H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD-IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL	14 GA. (1.7) MIN. 12 GA. (2.4) MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - FOR DOOR LEAVES GREATER THAN 4' WIDE OR 10' TALL	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10' TALL.
ACTIVE DOOR	SINGLE POINT, MORTISE TYPE ONLY
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW AUXILIARY LATCHES FOR SINGLES GREATER THAN 4'0" WIDE, PAIRS GREATER THAN 8'0" WIDE OR THE HEIGHT EXCEEDS 10'0" UL LISTED AUXILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK "POPPER" INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO THE FRAME HEAD DOOR RABBET. REINFORCE PER TEMPLATE.
CLOSER	12 GAUGE REINFORCEMENT REQUIRED
FLUSH BOLT	7 GA. (4.5) MIN. REINFORCEMENT REQUIRED

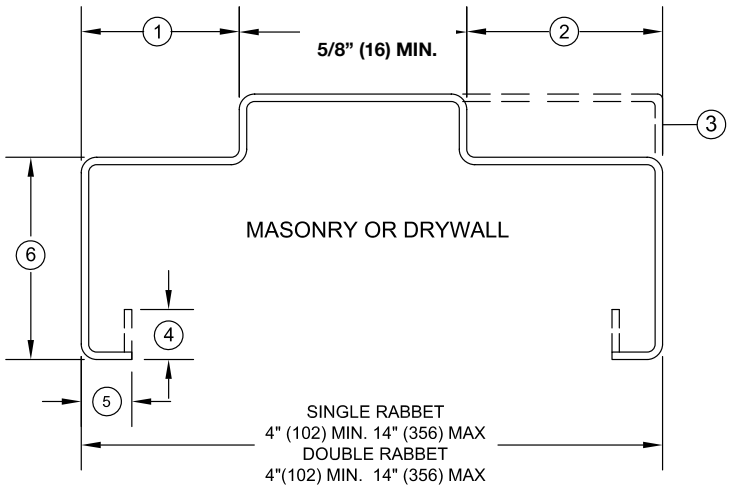
THREE SIDED FIRE DOOR FRAME WITH TRANSOM

90 MINUTE MAXIMUM RATING
3 SIDED FRAMES WITH TRANSOM
NO DOUBLE EGRESS ALLOWED
UL LISTING ONLY



GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN
3/4" (19) MAX
⑤ 1/2" (13) MIN
3/4" (19) MAX
⑥ 1-1/2 "(38) MIN
4" (102) MAX JAMB
4" (102) MAX HEAD



THREE SIDED FIRE DOOR FRAME WITH TRANSOM

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES WITH TRANSOM NO DOUBLE EGERESS ALLOWED UL LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/ DRYWALL	SINGLE: 5’0” (1524) W X 12’0” (3658) H PAIRS: 10’0” (3048)W X 12’0” (3658) H
WALL CONSTRUCTION	MINIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
TRANSOM PANEL	TO BE SUPPLIED WITH THE FRAME BY THE FRAME MANUFACTURER. TRANSOM PANEL MAX SIZE SINGLE 4’0” H X 5’0” W, PAIRS 4’0” H X 10’ W.
TRANSOM LITE	TO BE GLAZED WITH GLAZING MATERIAL. UL CLASSIFIED FOR USE IN FIRE DOOR FRAMES WITH LITES. THE MAXIMUM EXPOSED AREA PER INDIVIDUAL LITE, MAXIMUM EXPOSED AREAS, THE MINIMUM GROOVE DEPTH, GLAZING COMPOUND AND THE RATING SHALL BE AS INDICATED IN THE INDIVIDUAL GLAZING MANUFACTURER’S CLASSIFICATIONS. THE TRANSOM LITE SHALL NOT EXCEED 4 FT. IN HEIGHT.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD-IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED).
MATERIAL	14 GA. (1.7) MIN. 12 GA. (2.4) MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - FOR DOOR LEAVES GREATER THAN 4’ WIDE OR 10’ TALL	
HINGES	FULL MORTISE HINGES MEETING REQUIREMENTS OF BHMA A156.1 AMERICAN NATIONAL STANDARD FOR BUTTS AND HINGES FOR STANDARD WEIGHT, GRADE 1 HINGES. FIVE HINGES REQUIRED FOR DOORS OVER 10’ TALL.
ACTIVE DOOR	SINGLE POINT, MORTISE TYPE ONLY
INACTIVE DOOR	FLUSH OR SURFACE BOLTS, AUTOMATIC TYPE, MANUAL TYPE OR SELF-LATCHING WITH 3/4 IN. MINIMUM THROW AUXILISRY LATCHES FOR SINGLES GREATER THAN 4’0” WIDE AND PAIRS GREATER THAN 8’0” WIDE. UL LISTED AUZILIARY FIRE LATCH; MORTISE TYPE FUSIBLE LINK “POPPER” INSTALLED IN THE TOP OF THE ACTIVE LEAF AT THE LOCK STILE, ENGAGING INTO FRAME HEAD RABBET. REINFORCE PER TEMPLATE.
CLOSER	12 GAUGE REINFORCEMENT REQUIRED
FLUSH BOLT	7 GA. (4.5) MIN. REINFORCEMENT REQUIRED

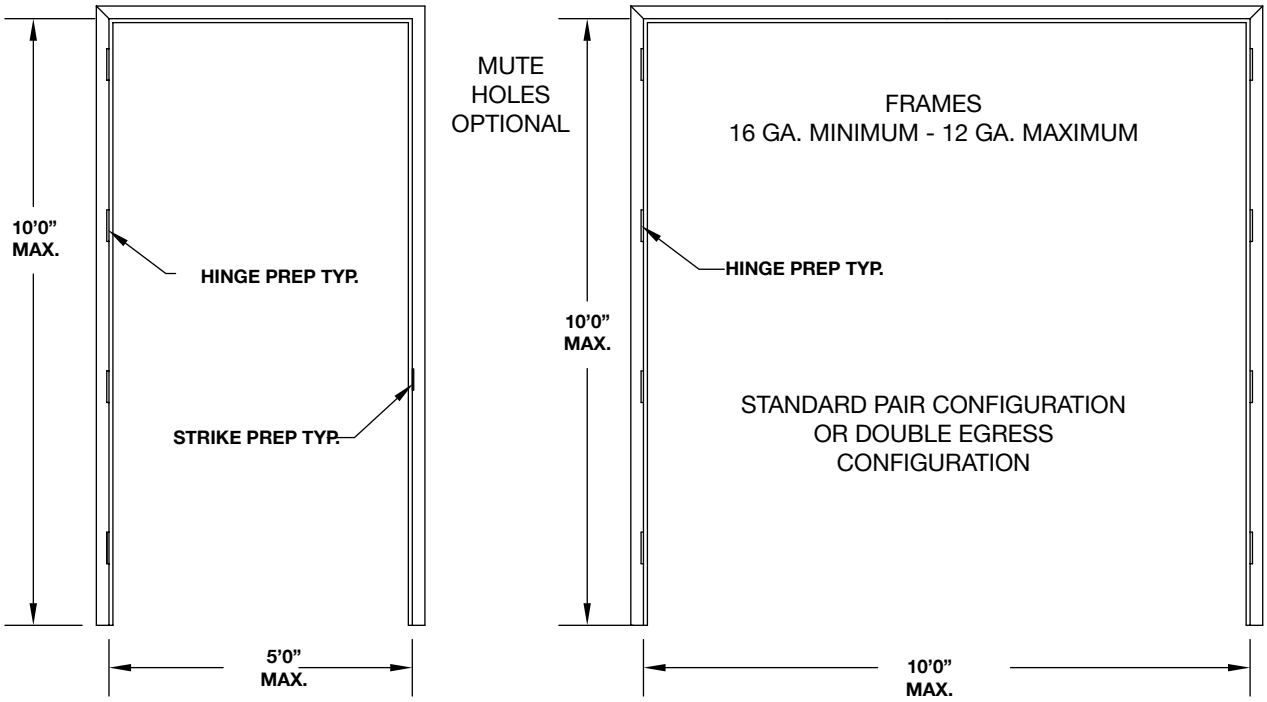
OVERSIZE FIRE DOOR AND FRAME (WH)

90 MINUTE MAXIMUM RATING 3 SIDED FRAMES DOUBLE EGERESS ALLOWED INTERTEK (WARNOCK HERSEY) LISTING ONLY	
MAXIMUM FRAME SIZES	
MASONRY/ DRYWALL	SINGLE: 5’0” (1524) W X 10’0” (3048) H PAIRS: 10’0” (3048)W X 10’0” (3048) H
WALL CONSTRUCTION	MAXIMUM 90 MIN. RATED DRYWALL OR MASONRY
FRAME CORNER CONSTRUCTION	FACE WELD, CONTINUOUS WELD, FIELD SPLICE INSTALLED IN ACCORDANCE WITH RECOMMENDED PRACTICES PRESENTED IN NFPA 80 AND NAAMM STANDARD HMMA 850-0.
ANCHORS	ANY LISTED MASONRY TYPE OR WELD IN DRYWALL TYPE ANCHORS MAY BE USED IN THIS FRAME (COMPRESSION ANCHORS NOT ALLOWED)
MATERIAL	16 GA. (1.4) MIN. 12 GA. (2.4) MAX. COLD ROLLED OR GALVANIZED STEEL
HARDWARE RESTRICTIONS - ANY LABEL APPROVED HARDWARE MAY BE USED THAT IS RATED FOR USE UP TO 10’ IN HEIGHT	

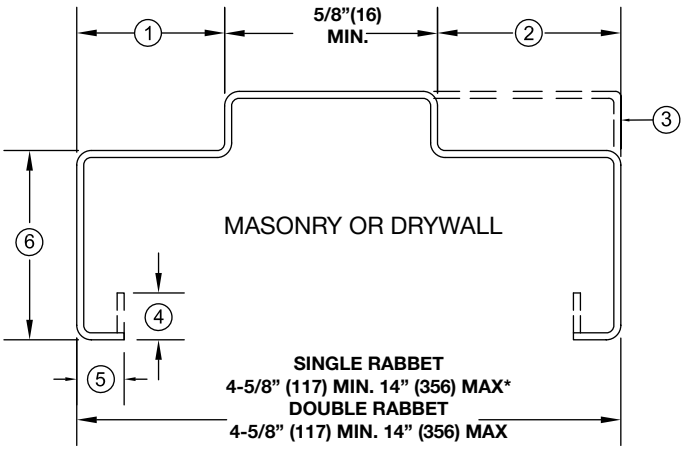
90 MINUTE MAXIMUM RATING 5’0” X 10’0” SINGLES 10’0” X 10’0” PAIRS INTERTEK (WARNOCK HERSEY) LISTING ONLY	
DOOR TYPE	747 OR 747 (450˚ TEMP RISE)
DOOR GAUGE	16 GA. (1.4) OR 14 GA. (1.9) ON 747 DOOR, 16 GA. (1.4) ONLY ON 747 TEMP. RISE DOOR
FACE TYPE	FLUSH OR GLAZED USING ANY WH CLASSIFIED GLAZING MATERIAL. CLASSIFIED FOR USE IN HOLLOW METAL FIRE DOORS.
RIB GAUGE	22 GA. (.75) OR 20 GA. (.9) ON 747 DOOR, 22 GA. (.95) ONLY ON 747 TEMP. RISE DOOR
RIB SPACING	6” ON CENTER MAX.
HINGE CHANNEL	12 GA. (2.6)
LOCK CHANNEL	14 GA. (1.9)
EDGE WELDING	S, N, OR T
END CHANNEL	16 GA. (1.4)
HARDWARE - ANY LABEL APPROVED HARDWARE MAY BE USED THAT IS RATED FOR USE UP TO 10’ IN HEIGHT	

OVERSIZE FIRE DOOR AND FRAME (WH)

90 MINUTE MAXIMUM RATING
3 SIDED FRAMES
DOUBLE EGRESS ALLOWED
INTERTEK (WARNOCK HERSEY) LISTING ONLY

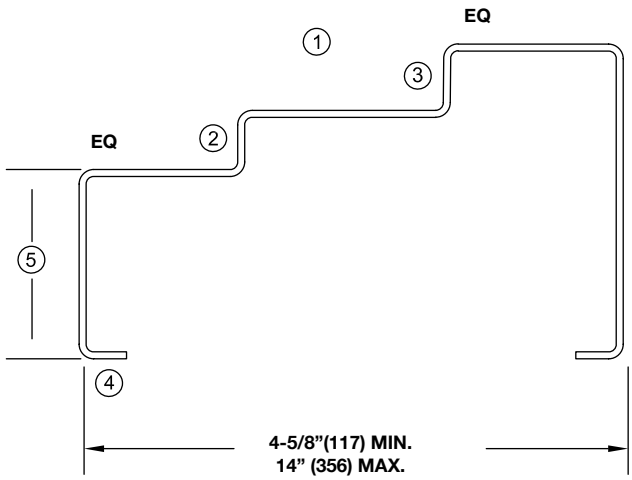


NOTE: 10'0" X 10'0" DOUBLE EGRESS FRAMES CAN ONLY BE LABELED TO 20 MINUTE MAXIMUM RATING. 8'0" X 10'0" MAXIMUM AT RATINGS ABOVE 20 MINUTE.



GENERAL NOTES:

① TO SUIT DOOR THICKNESS
② VARIES
③ PROFILE VARIABLE
④ 3/8" (10) MIN.
*⑤ 3/4" (19) MAX.**
⑤ 3/8" (10) MIN.
⑤ 3/4" (19) MAX.
⑥ 1-1/4" (32) MIN.
⑥ 4" (102) MAX. JAMB
⑥ 4" (102) MAX. HEAD

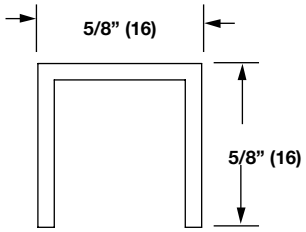


GENERAL NOTES:

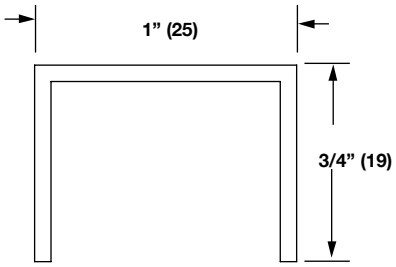
① TO SUIT DOOR THICKNESS
② PROFILE VARIABLE
③ PROFILE VARIABLE
④ 3/8" (10) MIN. 3/4" (19) MAX.
⑤ 1-3/8" (35) MIN. 4" (102) MAX.

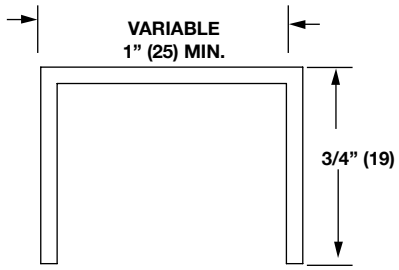
** LARGER THAN 3/8" MAY REQUIRE #5 DIMENSION TO INCREASE*

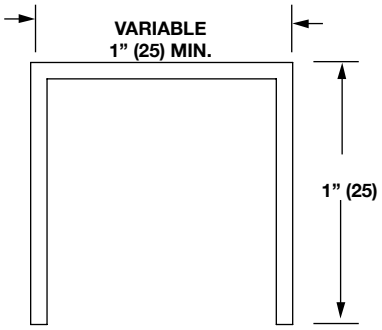
FIRE DOOR, TRANSOM/SIDELITE, AND WINDOW FRAME STOPS

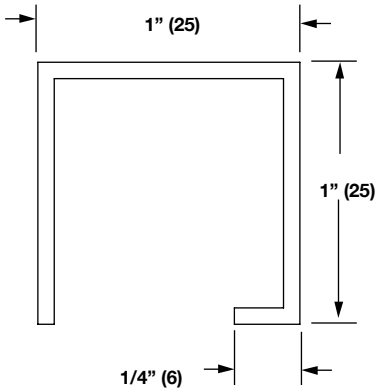


18 GA. (1.1) MIN.
R.K., OR S.S.



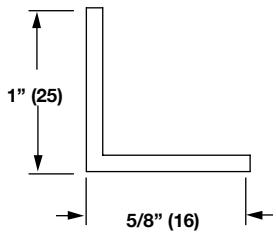






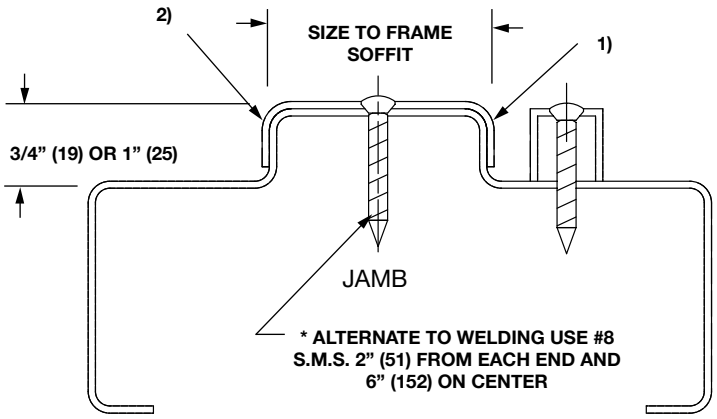
NOTE: SCREW SPACING: #8 OVAL HEAD SHEET METAL SCREWS 2" (51) FROM EACH END AND 12" (305) ON CENTER MAX.

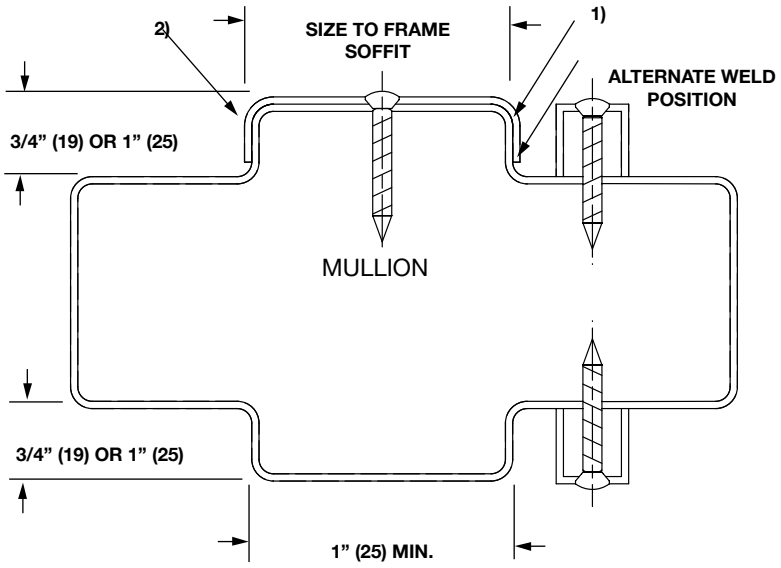
14 GA. (1.9) MIN.
R.K., OR S.S.



MINIMUM #8 MACHINE OR SELF DRILLING SCREW.

STOP EXTENSIONS FOR GLASS LITES AND TRANSOM/SIDELITES





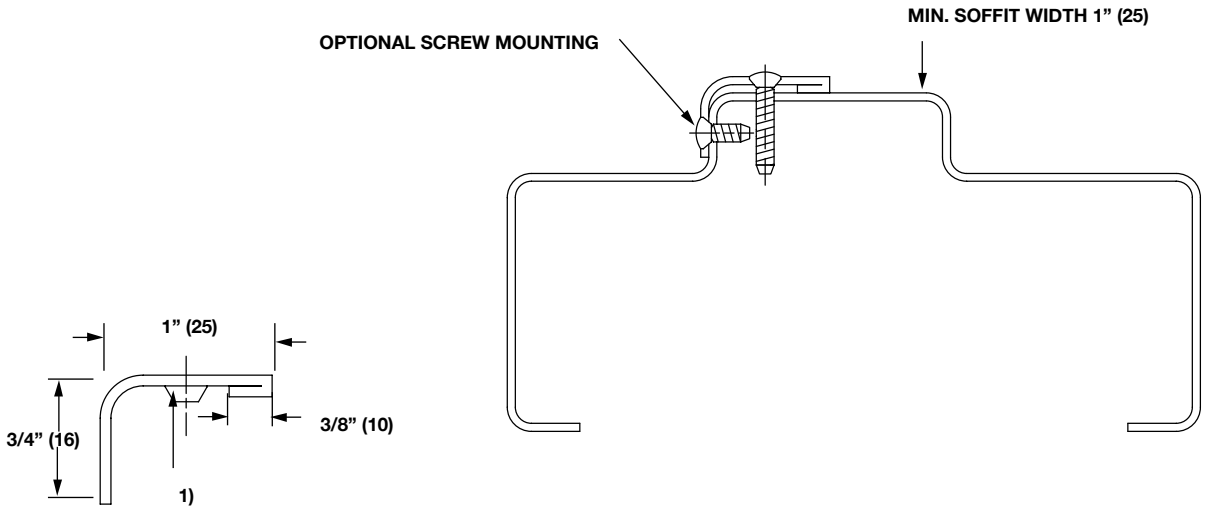
GENERAL NOTES:

1) HOLE PUNCHING ON GLASS STOP IS STANDARD 12" (304.8) ON CENTER. IF STOP IS TO BE USED FOR LABEL FRAME APPLICATIONS YOU MUST SPECIFY ON ORDER THAT HOLES ARE TO BE 6" (152.4) ON CENTER.

2) 16 GA. (1.5) STEEL STOP EXTENSION

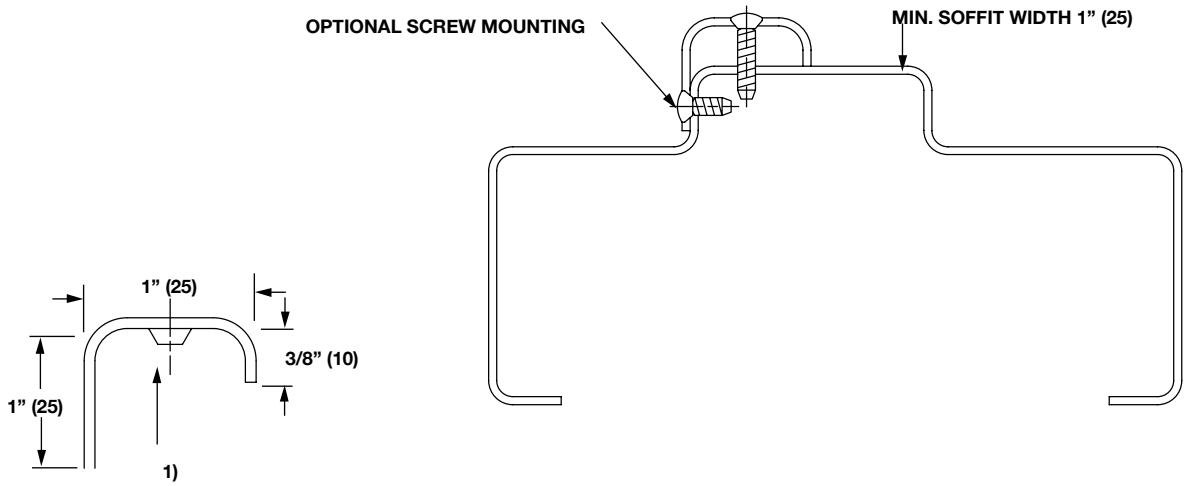
FRAME STOP HEIGHT EXTENDERS FOR GLASS LITES & TRANSOM/SIDELITES

STOP HEIGHT EXTENDER 5/8" (16) TO 3/4" (19)
MAT'L 16 GA. (1.5) STEEL



PRO4SE127

STOP HEIGHT EXTENDER 5/8" (16) TO 3/4" (19)

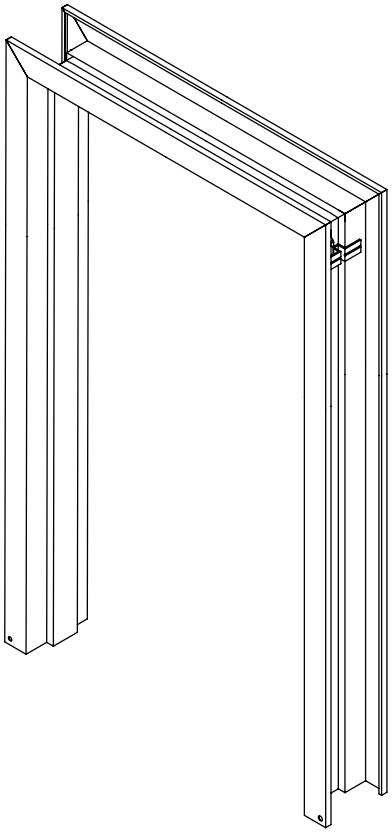


PRO1SE128

GENERAL NOTES:
1) OPTIONAL PUNCH AND COUNTERSINK FOR #8 OVAL HEAD S.M.S. 2" (51) FROM EACH END AND 6" (152) ON CENTER MAX.
2) MAY BE USED ON JAMB OR MULLION FRAME MEMBERS.
3) MATERIAL 16 GA. (1.5) STEEL AVAILABLE IN 60" (1524) LENGTHS MAX.

COMPRESSION ANCHOR (C-TYPE) SLIP-ON DRYWALL FRAME

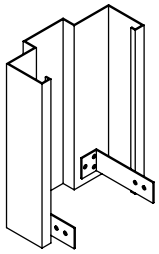
90 MINUTE MAXIMUM FIRE RATING.



SIZE:
SINGLE: 4'0" (1219) W X 9'0" (2743) H
PAIR: 8'0" (2438) W X 7'2" (2184)
7'0" (2134) W X 9'0" (2743) H

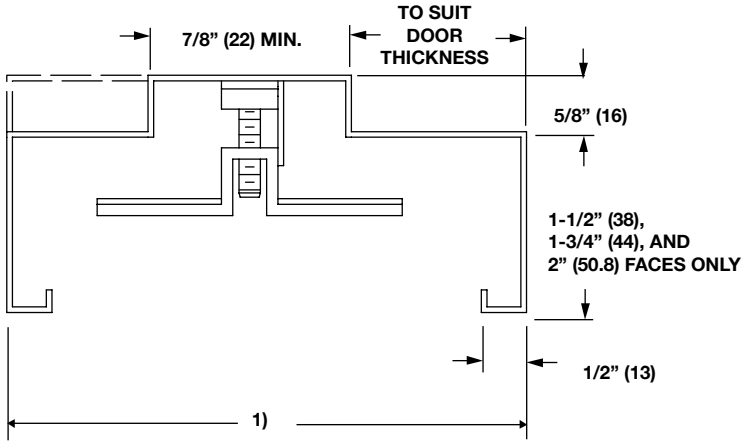
WALL CONSTRUCTION: DRYWALL

FRAME CONSTRUCTION: KD (WITH COMPRESSION ANCHOR SYSTEM)



– COUNTERSUNK BASE ANCHOR HOLE IS STANDARD ON 2" (51) FACE FRAMES, STRAP TYPE BASE ANCHOR OPTIONAL.

– STRAP TYPE BASE ANCHOR OPTIONAL ON 2" (50.8) FACE FRAMES AND MUST BE USED ON 1-1/2" (38) AND 1-3/4" (44) FACE FRAMES.



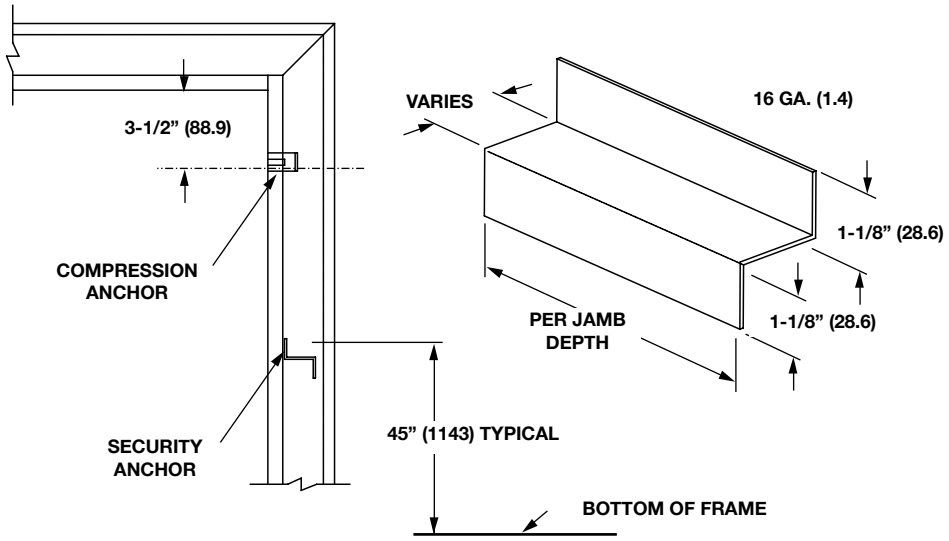
NOTE:

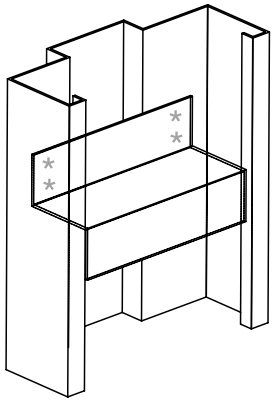
1) 3-1/4" (83) MIN. - 14" (356) MAX. FOR SINGLE OPENING FRAMES TO 3'6" (1067) WIDE X 7'0" (2134) HIGH 4-5/8" (118) MIN. - 14" (356) MAX. FOR SINGLE OPENING FRAMES TO 4'0" (1219) WIDE X 9'0" (2743) HIGH AND DOUBLE OPENING FRAMES TO 7'0" (2134) WIDE X 9'0" HIGH OR 8'0" (203) WIDE X 7'2" (2184) HIGH

2) KD FRAMES OVER 7'2" (2136) UP TO 8' (2438.4) REQUIRE ONE SECURITY ANCHOR PER JAMB (SEE NEXT PAGE FOR DETAILS). FRAMES OVER 8' (2438.4) UP TO 9' (2743.2) REQUIRE THREE SECURITY ANCHOR IN EACH JAMB. FRAMES FOR PAIRS OF DOORS OVER 7'2" (2184.4) REQUIRE TWO SECURITY ANCHOR IN THE HEAD OF THE FRAME. ONE EACH 12" (304.8) FROM THE CENTERLINE OF THE FRAME HEAD.

SECURITY ANCHOR

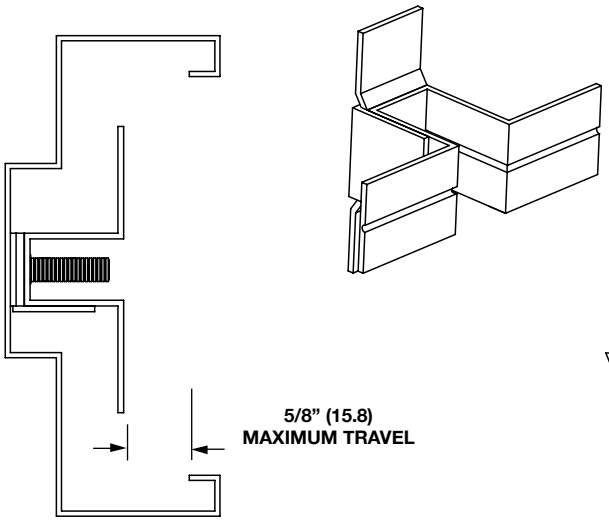
ANCHOR PART NUMBER: P0028

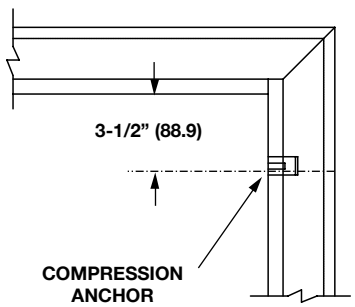


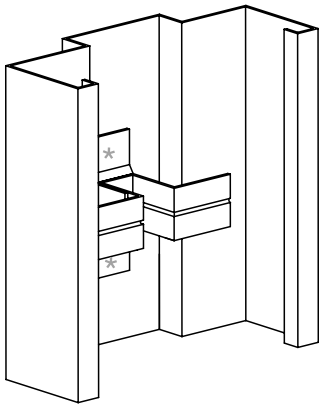


DRYWALL FRAME COMPRESSION ANCHOR

ANCHOR PART NUMBER: P0026



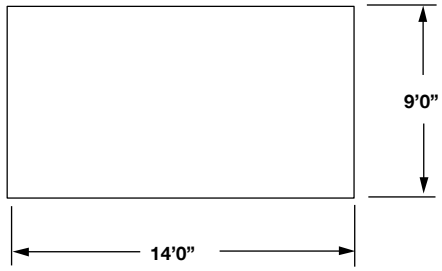


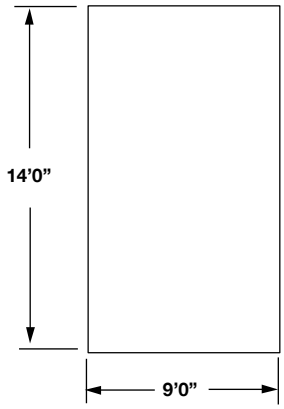


FIELD SPLICE FRAME

FRAMES WELDED AT CURRIES:

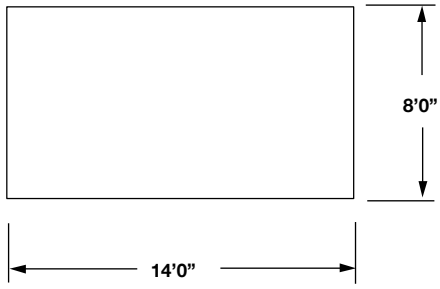
PROVIDE FIELD SPLICES FOR FRAMES THAT EXCEED SIZE SHOWN.

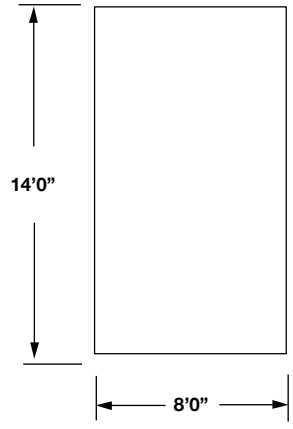




FIELD SPLICING BRACKETS ON WELDED FRAMES WILL BE PROVIDED.
SEE NEXT PAGE FOR SPLICE EXAMPLES.

FRAMES WELDED AT SERVICE CENTERS:

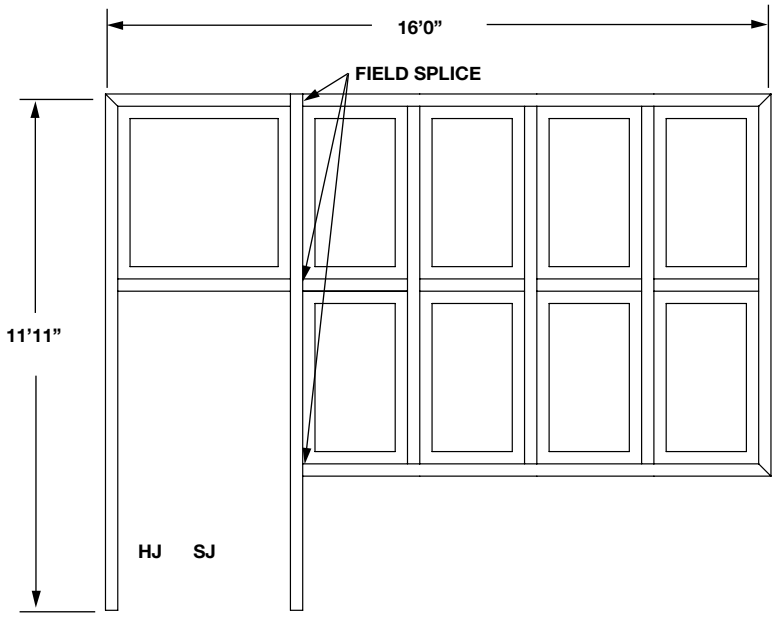




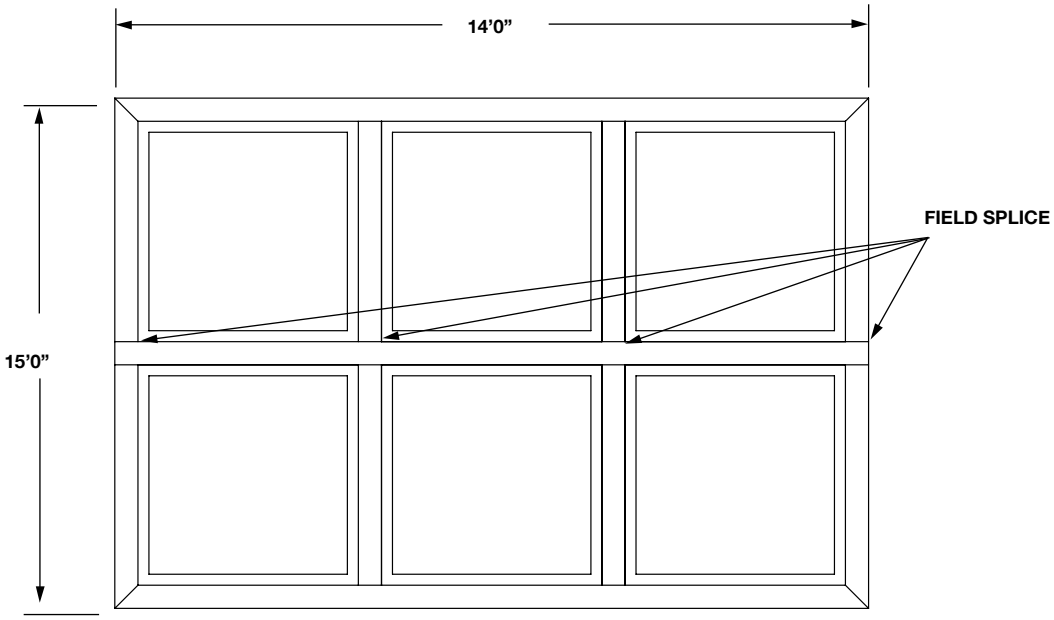
FIELD SPLICING BRACKETS ON WELDED FRAMES WILL BE PROVIDED.
SEE NEXT PAGE FOR SPLICE EXAMPLES.

FIELD SPLICE FRAME

FRAMES WELDED AT CURRIES:



FIELD SPLICE SLEEVES, WILL BE APPLIED TO STRIKE JAMB, ONE FOR EACH ATTACHING HORIZONTAL RAIL.



FIELD SPLICE SLEEVES, WILL BE APPLIED TO HORIZONTAL MULLION, ONE FOR EACH ATTACHING VERTICAL RAIL.

CURRIES

ASSA ABLOY

Doors

Experience a safer
and more open world

TECH MANUAL

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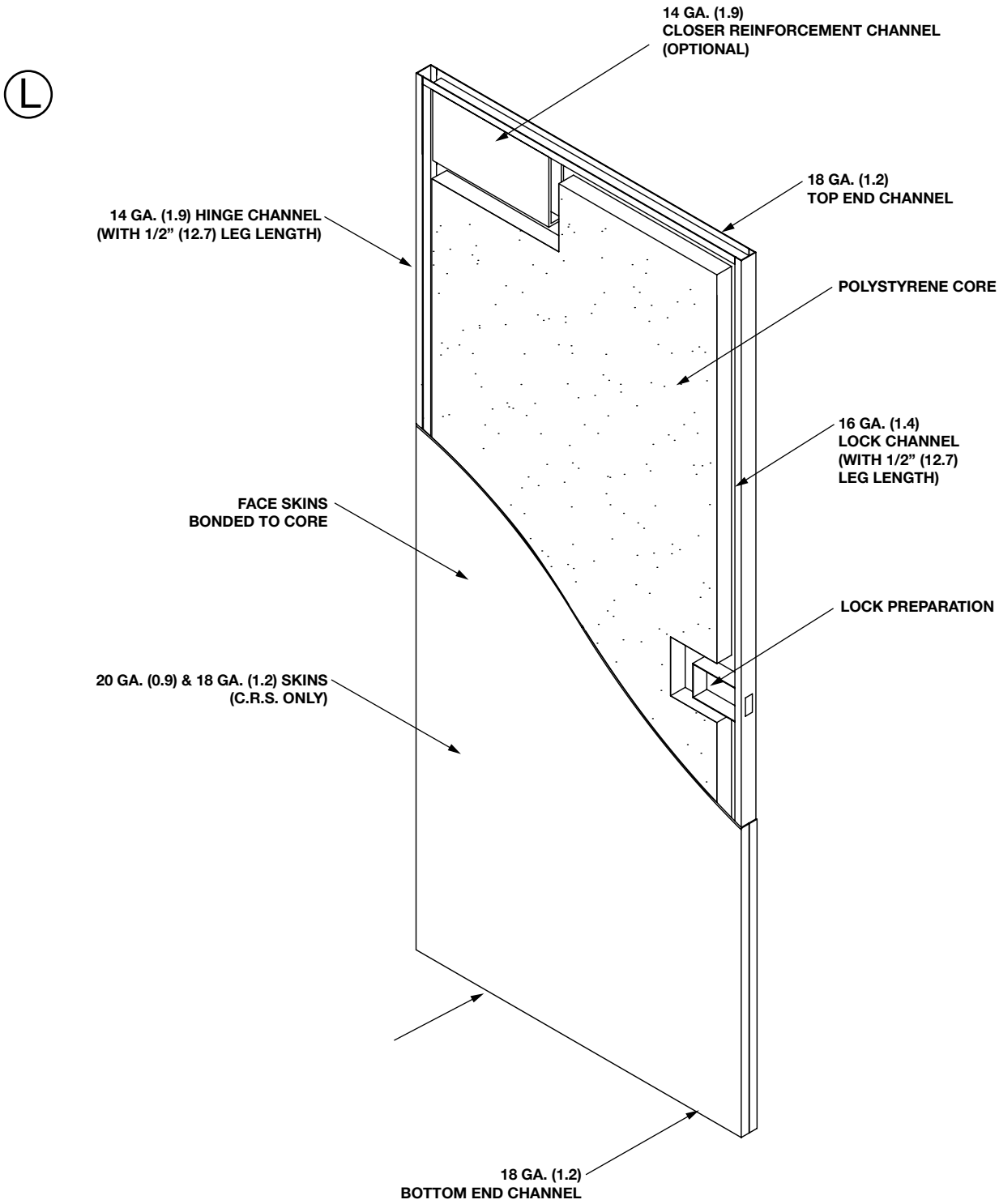
607 DOOR CONSTRUCTION



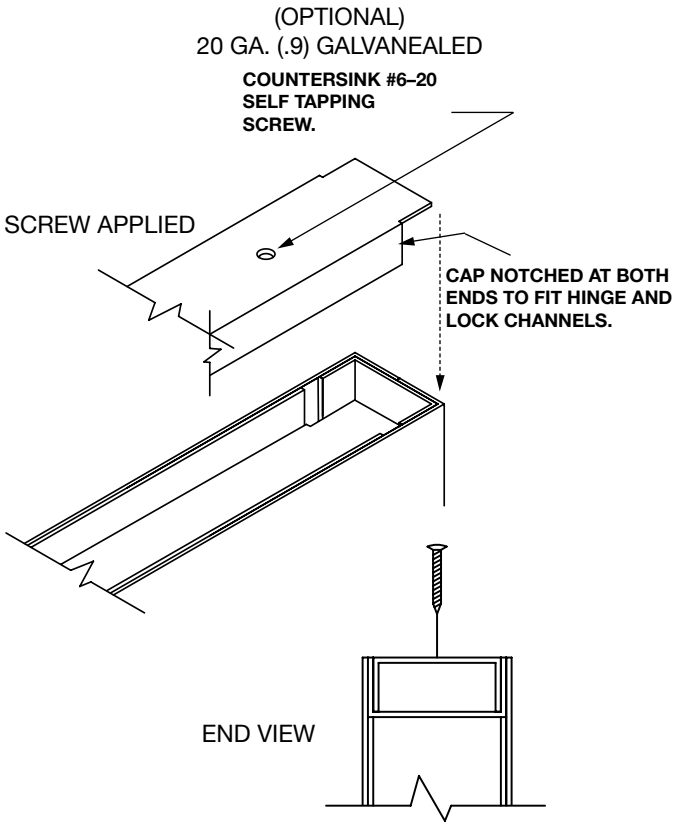
607 DOOR SPECIFICATIONS

NOTES:
THICKNESS: 1-3/4" (44.5) ONLY!
HANDING: NON-HANDED ONLY. (SQUARE EDGES)
EDGE: "S" TYPE ONLY.
WIDTH: 2'0" (609.2) TO 4'0" (1219.2), STANDARD SIZE INCREMENTS ONLY.
HEIGHT: 6'8" (2032), 7'0" (2133.6), 7'2" (2184.4), AND 8'0" (2438.4) ONLY
DOOR CLEARANCES: STANDARD – 1/8" (3.1) TOP, 3/8" (9.5) AND 5/8" (15.8) BOTTOM, 3/32" (2.3) HINGE EDGE, 1/8" (3.1) LOCK EDGE.
HARDWARE PREPARATIONS:

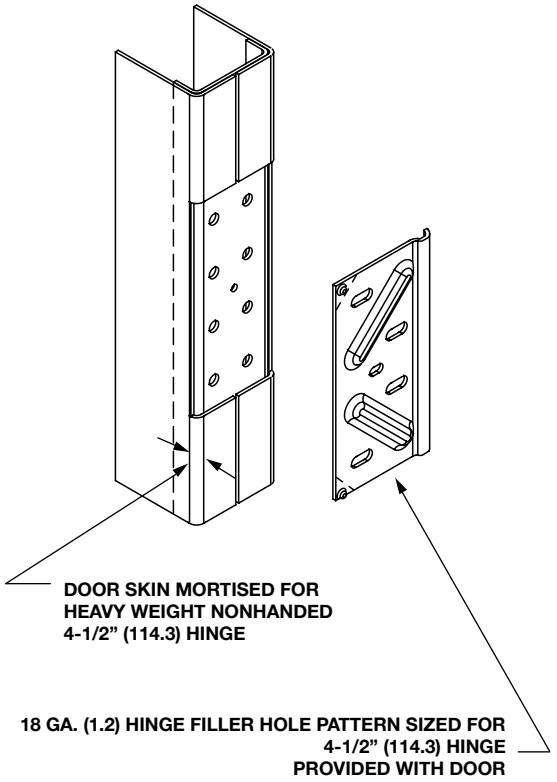
LOCKS:	*CYLINDRICAL – G2, G2B, G2EO*
	CYLINDRICAL DEADLOCK – G16
	MORTISE – G3, G3EO (EDGE ONLY), G3AEO (EDGE ONLY), G3ARO (REINFORCE ONLY).
STRIKES:	*E1B (CUT LIP ON STRIKE IN FIELD)*
FLUSHBOLT:	*H1, H1HO*
SURFACE BOLT:	*SB*
PUSH-PULL REINF:	*G18*
HINGES:	*4-1/2" (114.3) X 4-1/2" (114.3) X .134" (3.4) THICKNESS AND .180" HEAVY WEIGHT – 1/4" (6.3) BACKSET.*
PANIC DEVICES:	*G11 (RIM EXIT), G11A (SURFACE VERTICAL ROD), BOTH REINFORCE ONLY.*
CLOSER:	*CL*

GLASS KITS: FLUSH DOORS ONLY.
ASTRAGALS: NOT AVAILABLE FACTORY INSTALLED - FIELD INSTALLATION ONLY.
HINGE AND LOCK LOCATIONS ARE SDI MANUFACTURERS STANDARD LOCATIONS.

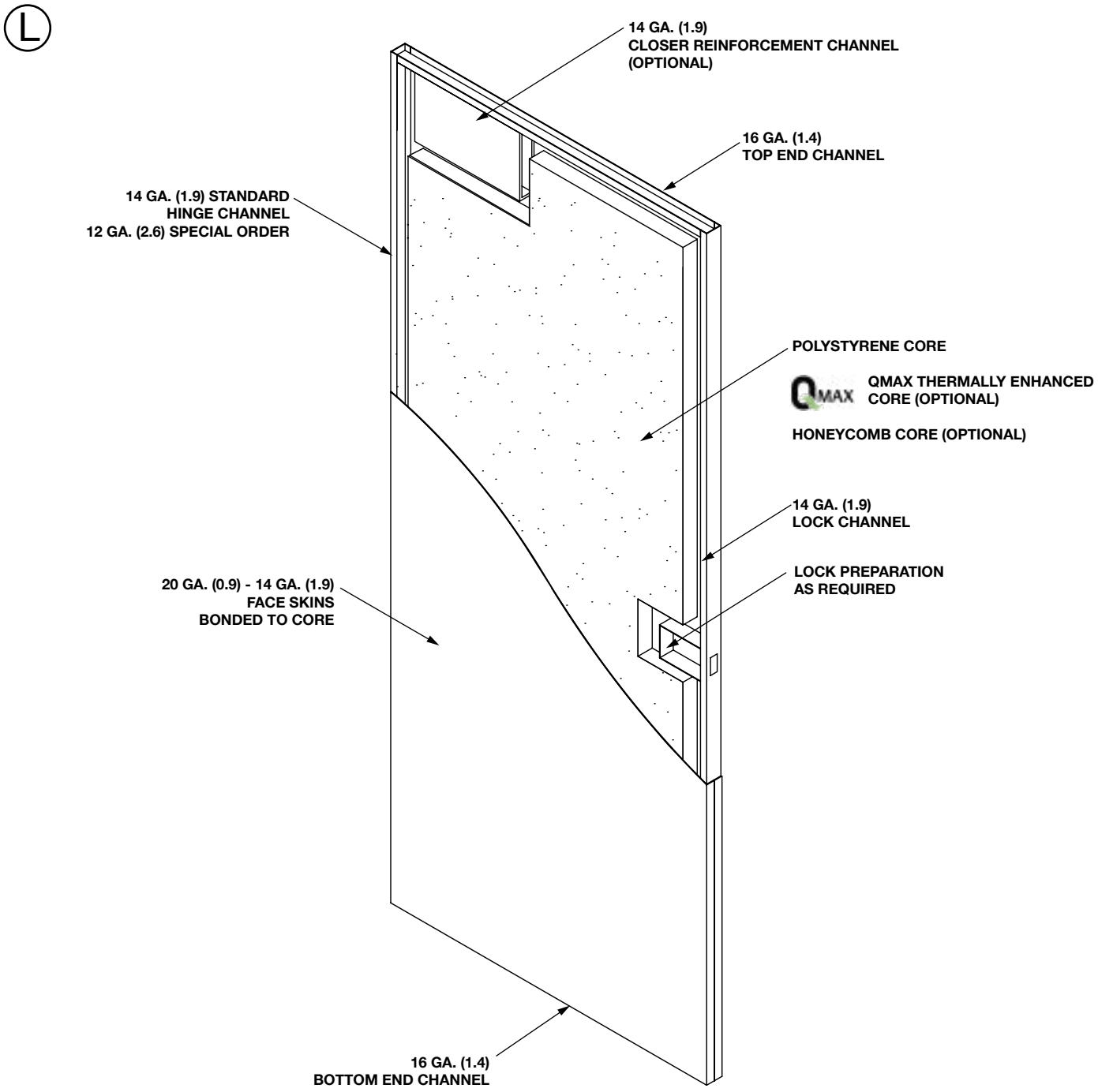
STEEL TOP/BOTTOM FILLER CAP



HINGE EDGE



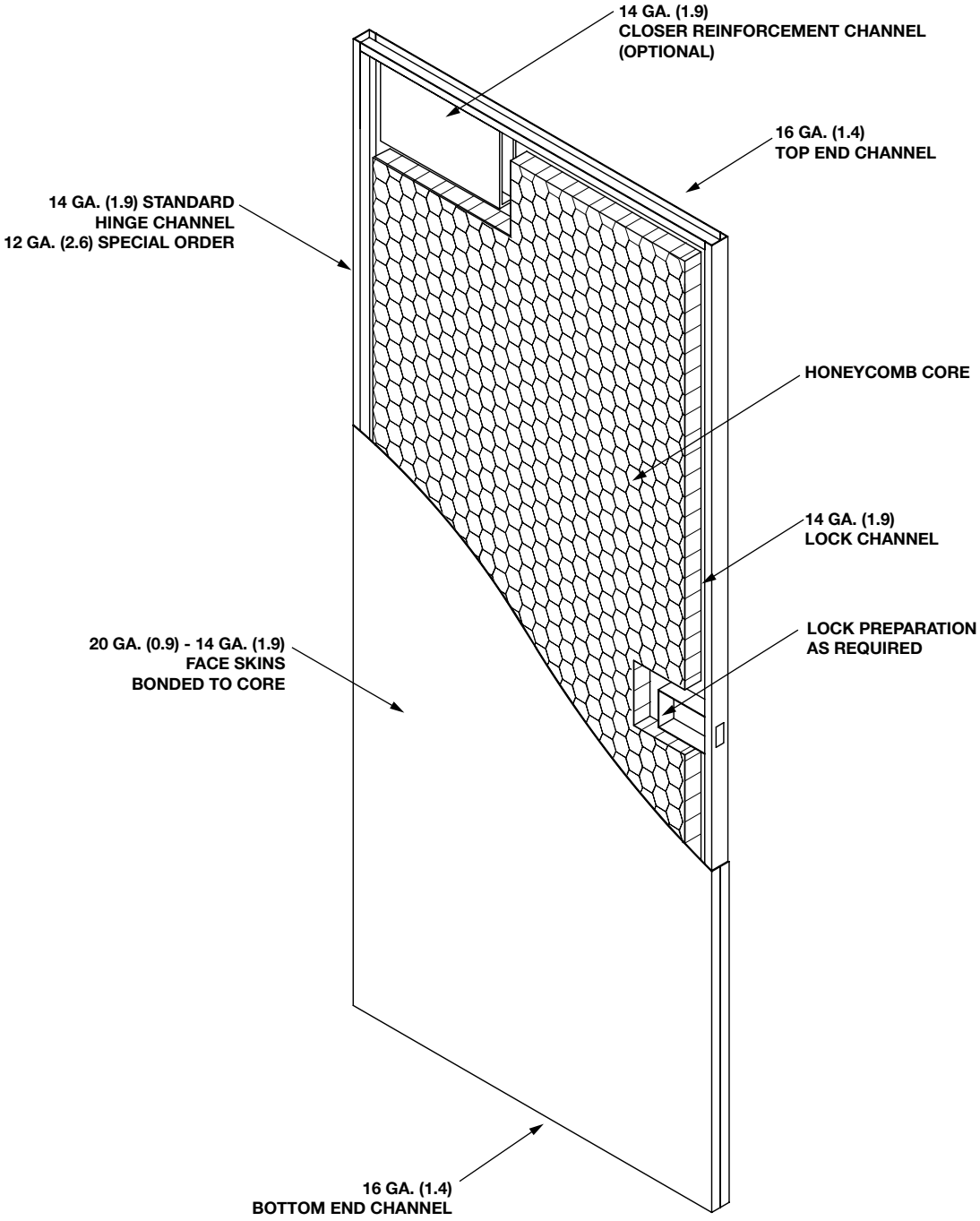
707 DOOR POLYSTYRENE OR QMAX CORE CONSTRUCTION



NOTE: SEE PAGE 237 FOR HONEYCOMB OPTION

707 DOOR HONEYCOMB CORE CONSTRUCTION

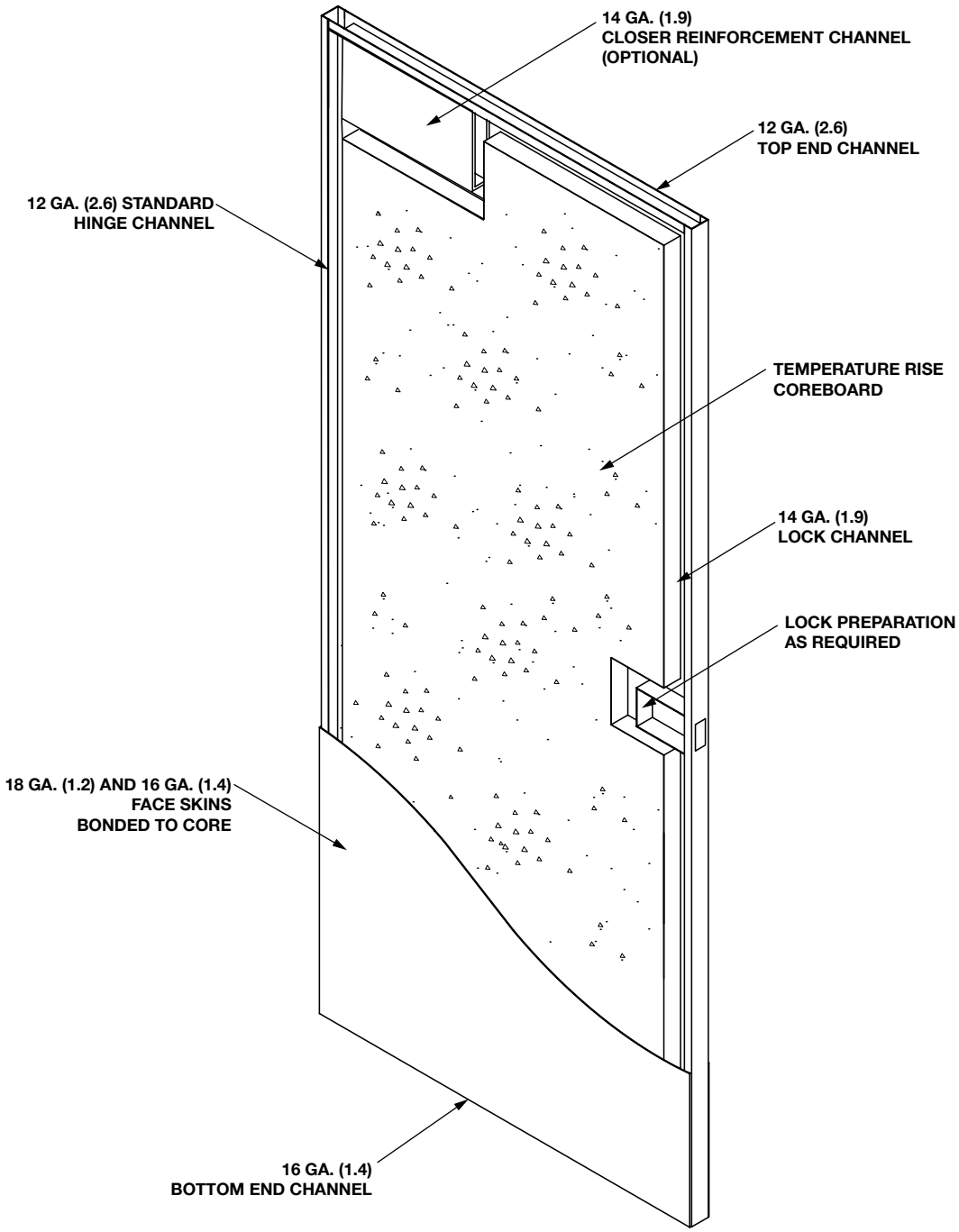
AVAILABLE IN 1-3/4" THICKNESS ONLY



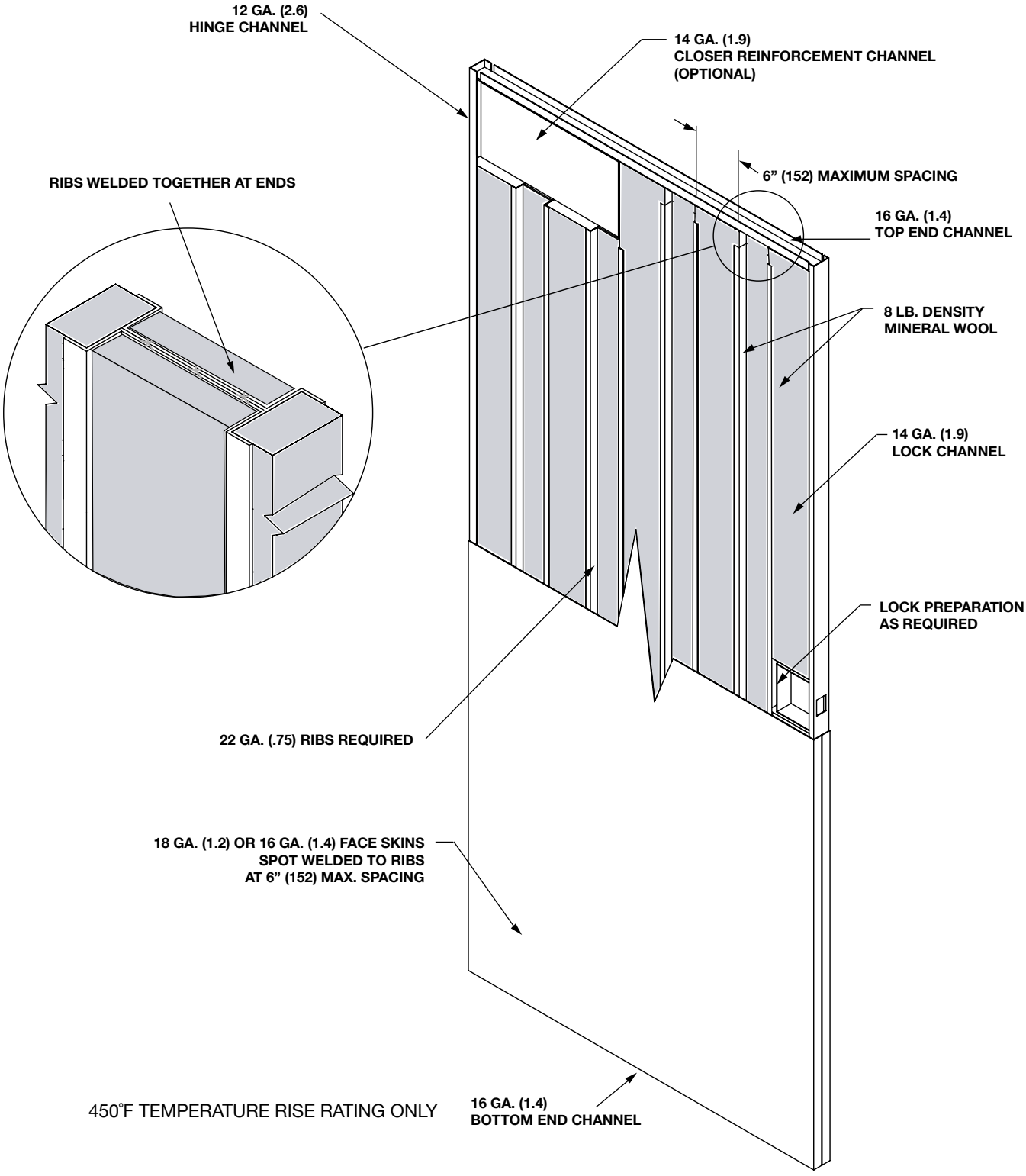
727 DOOR CONSTRUCTION

250˚F TEMPERATURE RISE RATING
450˚F TEMPERATURE RISE RATING

Ⓛ

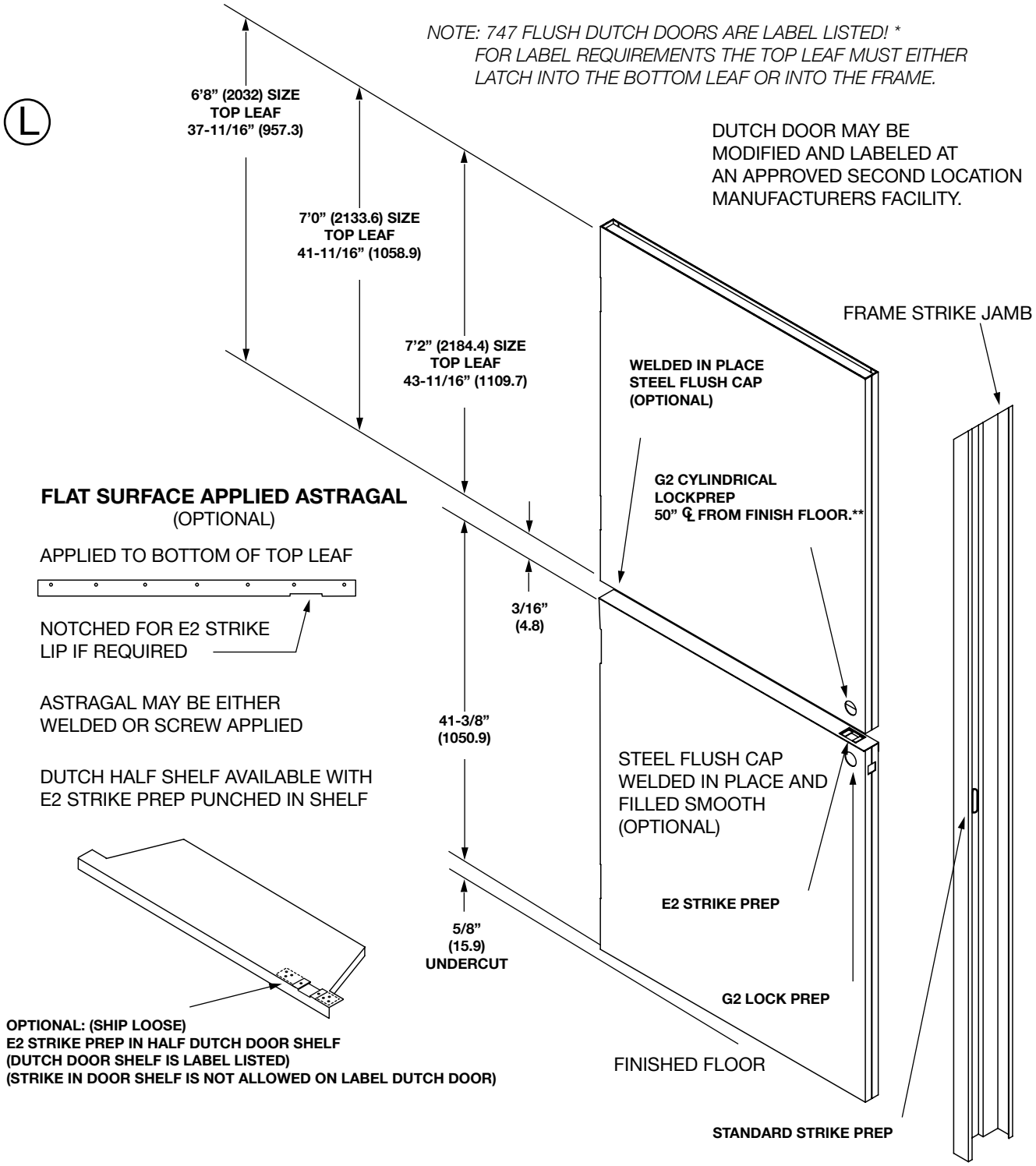


747 DOOR CONSTRUCTION - TEMPERATURE RISE 450°F



450°F TEMPERATURE RISE RATING ONLY

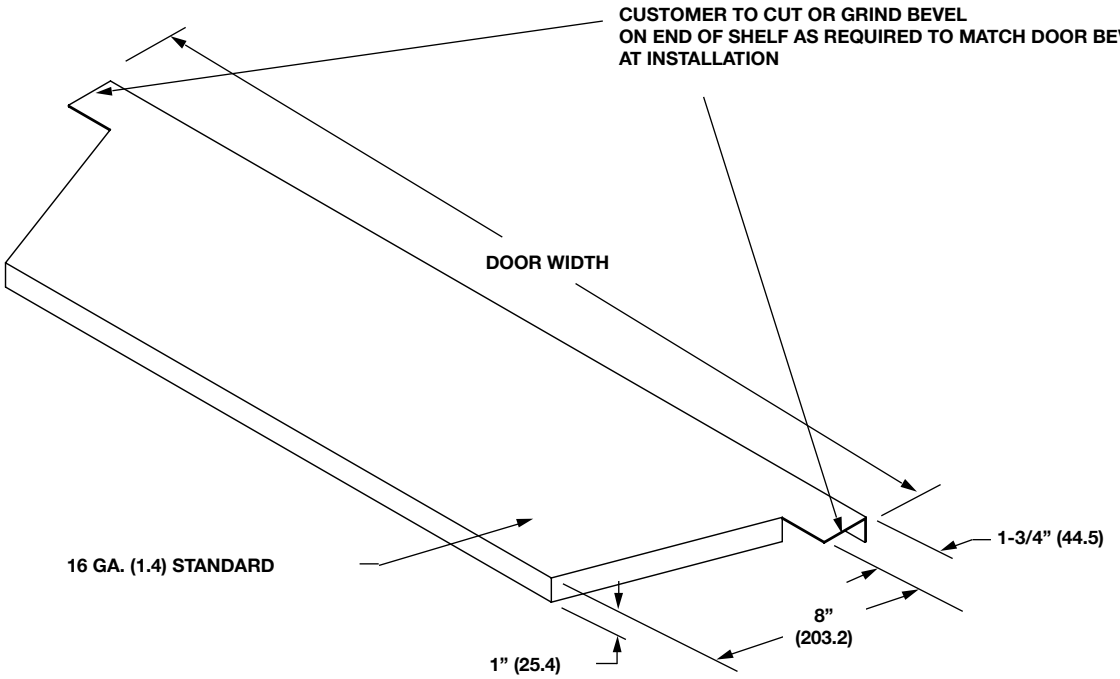
747 DUTCH DOOR



3'6" (1067) X 7'2" (2184.4) 15 MAX. LABEL SIZES FOR 747, 18 OR 16 GAUGE.
*** PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED. 48" CL IS NOT PRACTICAL WITH SOME DEADLOCKS.*

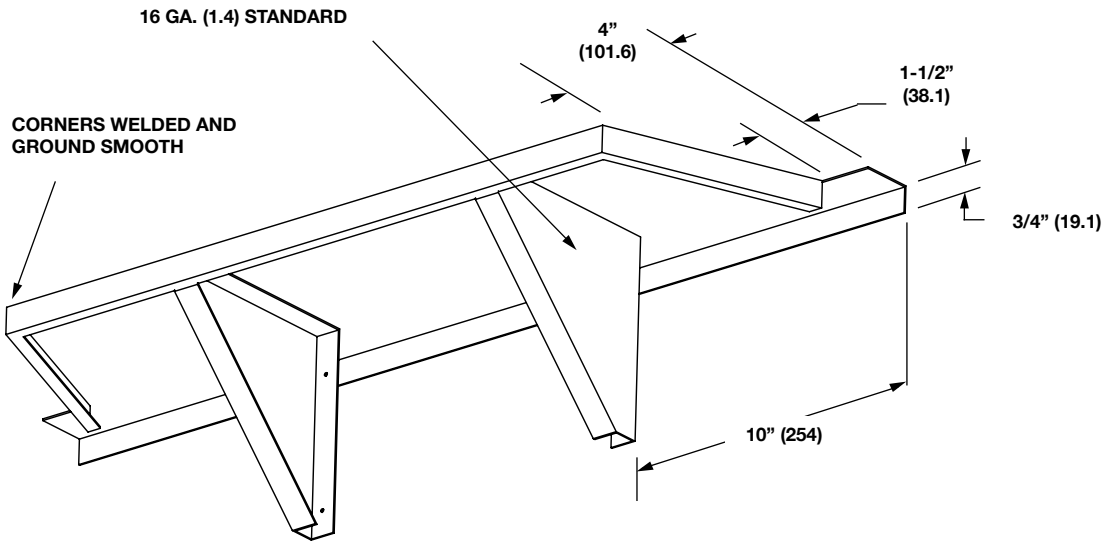
DUTCH DOOR SHELF

TOP VIEW



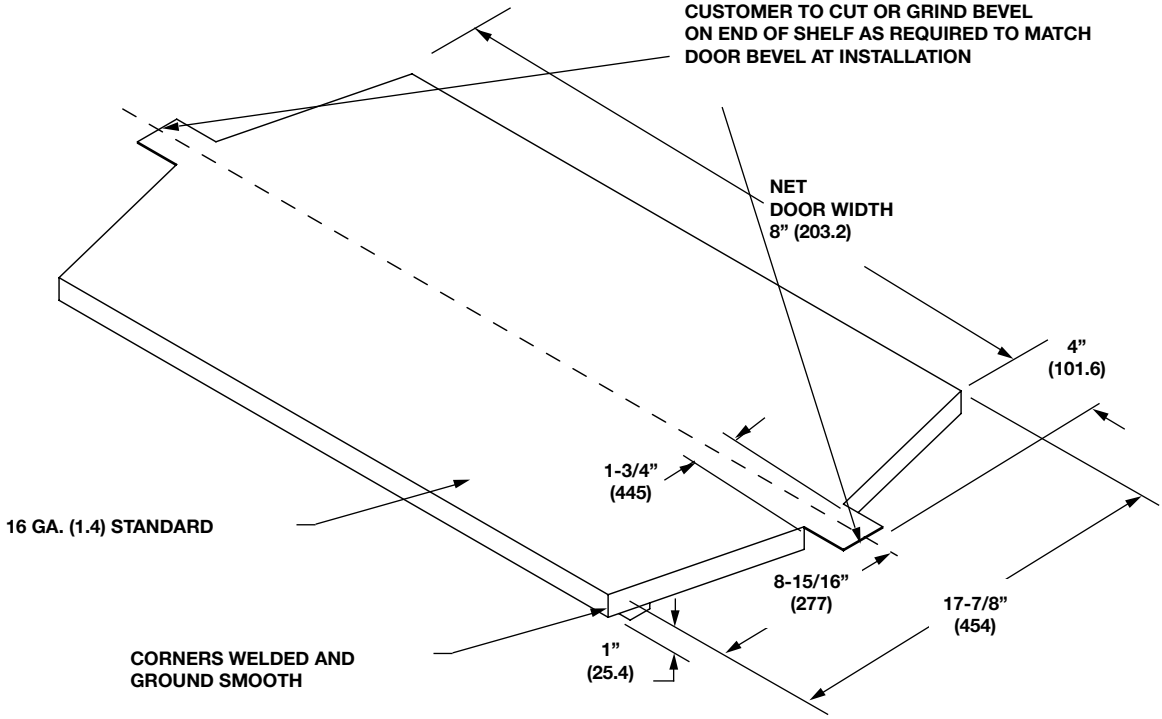
NOTE: DOORS 3'4" (1016) AND WIDER
ADD A THIRD BRACKET LOCATED MIDWAY BETWEEN TWO SHOWN

BOTTOM VIEW

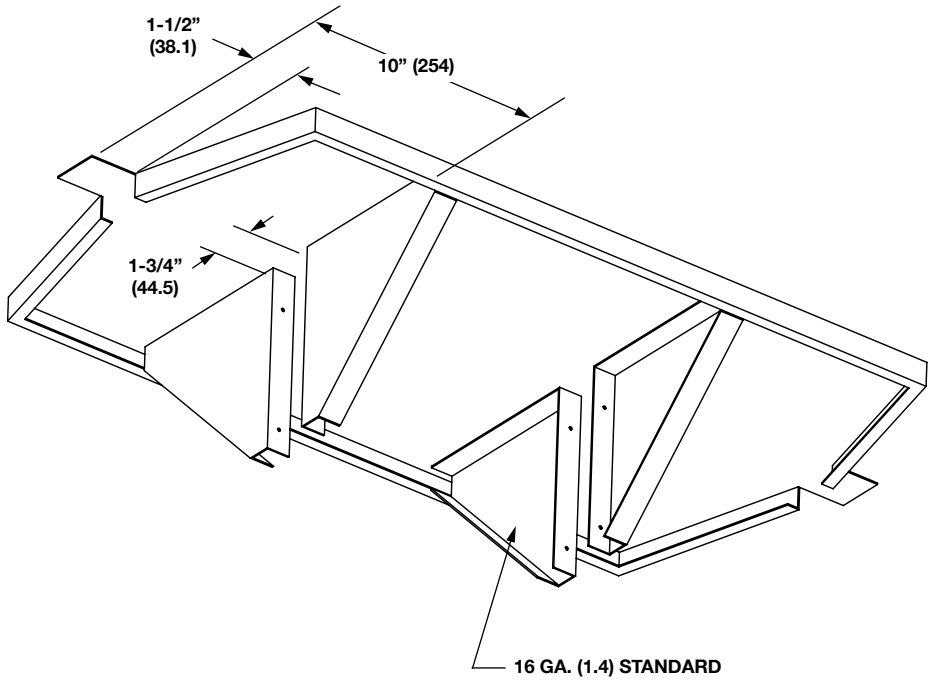


DUTCH DOOR DOUBLE SHELF

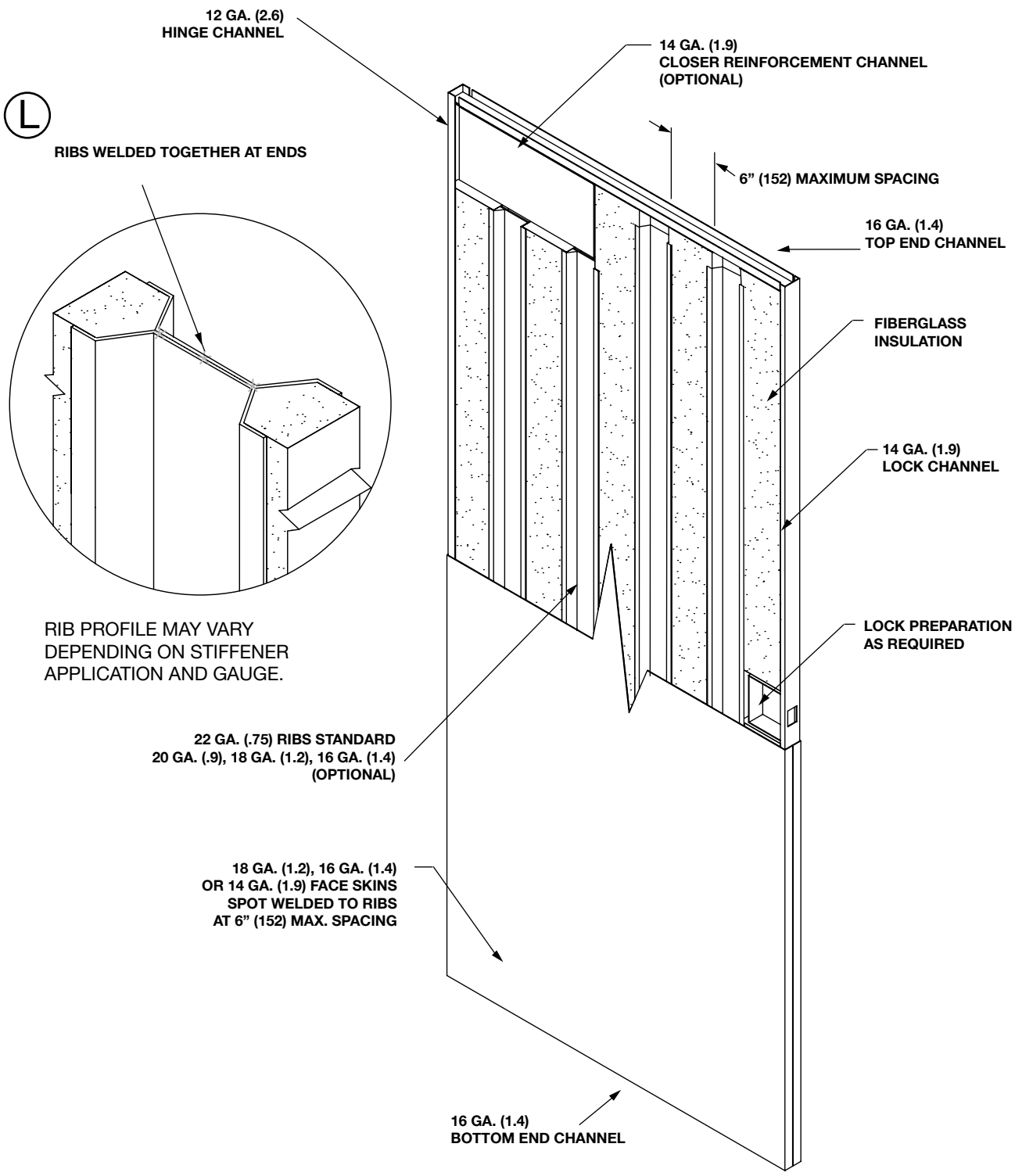
TOP VIEW



BOTTOM VIEW



747 DOOR CONSTRUCTION



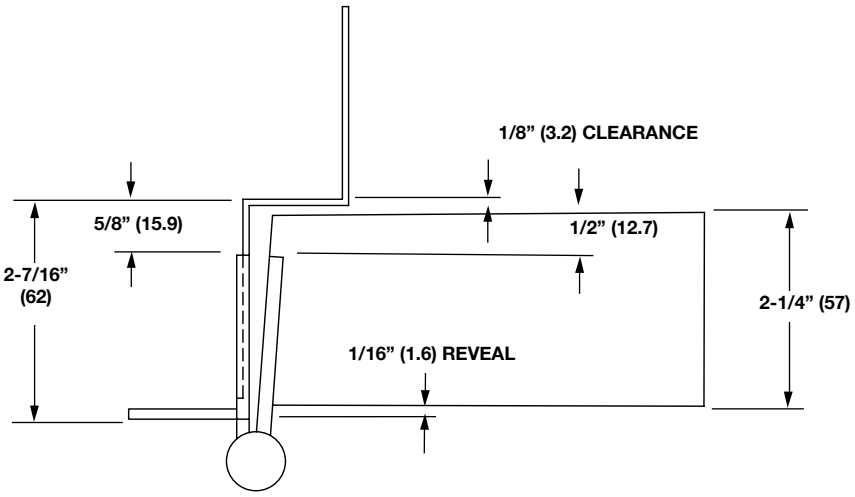
A STEEL STIFFENED DOOR DESIGN IS AVAILABLE WITH A 450˚ TEMPERATURE RISE FIRE RATING ON PAGE 354.

747 2-1/4” THICK DOOR

Ⓛ

STANDARD HINGE BACKSET

2-1/4” DOOR
“G” BEVEL DOOR SHOWN



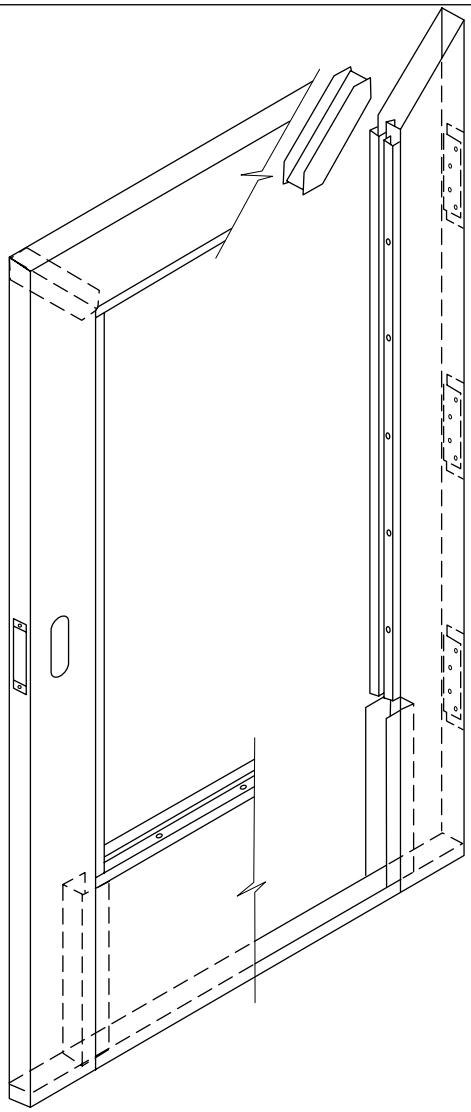
NOTE: TYPE 3 AND 4 CONCEALED MOULDING ONLY

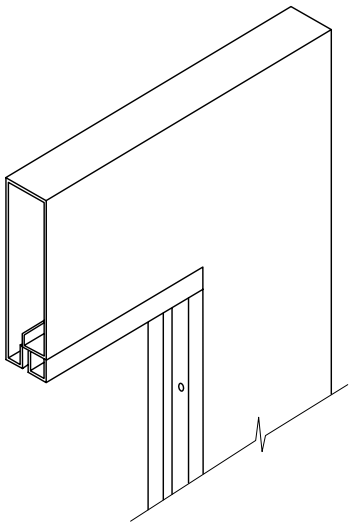
767 STILE AND RAIL DOOR

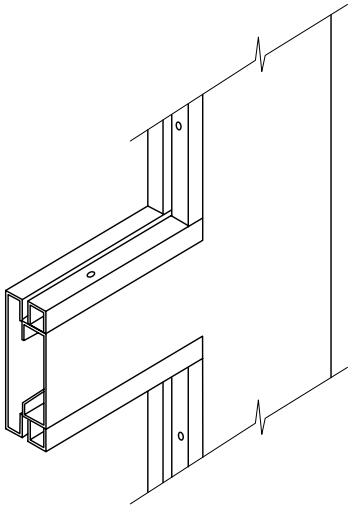
- 16 GA. INSULATED TUBULAR STEEL
- FLUSH TOP
- CONTINUOUSLY WELDED CORNERS
- FLUSH GLAZING
- 5-5/8" STILES AND TOP RAIL (OPTIONAL 3-5/8" AND 7-5/8")
- 12-5/8" BOTTOM RAIL (OPTIONAL 10-5/8", 14-5/8" OR 16-5/8")
- OPTIONAL CENTER RAIL
- BEVELED LOCK & HINGE EDGE

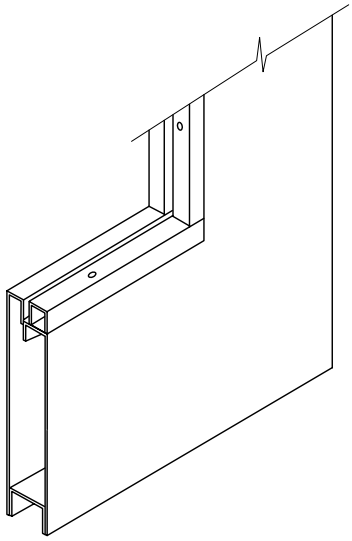
NOTE: RACEWAYS, ELECTRIC HINGES, OR EPT PREPS ARE NOT ALLOWED

Ⓛ







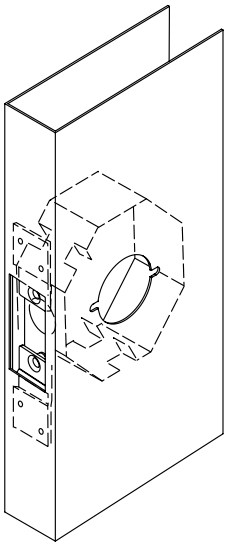


767 STILE AND RAIL DOOR

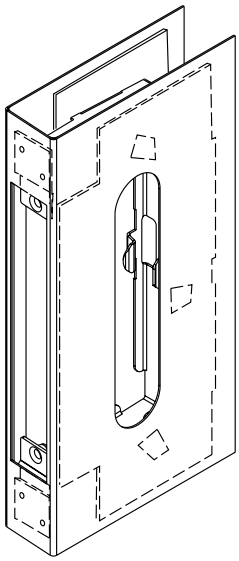
TOP RAIL – FLUSH SEAMLESS DESIGN, 5-5/8" RAIL STANDARD, 3-5/8" RAIL AND 7-5/8" OPTIONAL
OPTIONAL CENTER RAIL – FLUSH SEAMLESS DESIGN, 5-5/8" RAIL STANDARD, 3-5/8" RAIL AND 7-5/8" OPTIONAL
BOTTOM RAIL – FLUSH SEAMLESS DESIGN, 12-5/8" BOTTOM RAIL STANDARD, 10-5/8", 14-5/8" OR 16-5/8" RAIL OPTIONAL

Ⓛ

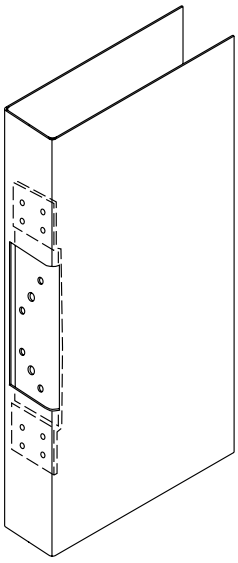
CYLINDRICAL LOCK
(ANSI A115.2)
2-3/4" BACKSET
GOV. 160/161



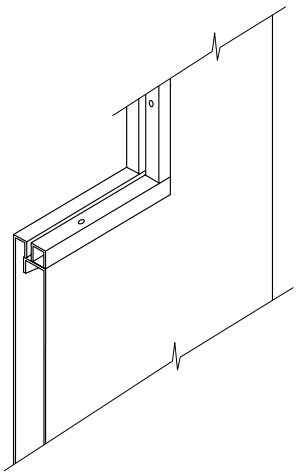
MORTISE LOCK
(ANSI A115.1)
2-3/4" BACKSET
GOV. 86



HINGE PREPARATION
4-1/2" OR 5" HIGH
STANDARD OR
HEAVY WEIGHT,
FULL MORTISE
ANSI A156.7,
HANDED



FLUSH GLAZING
INTEGRAL FLUSH GLAZING
WITH REMOVABLE GLASS
BEAD



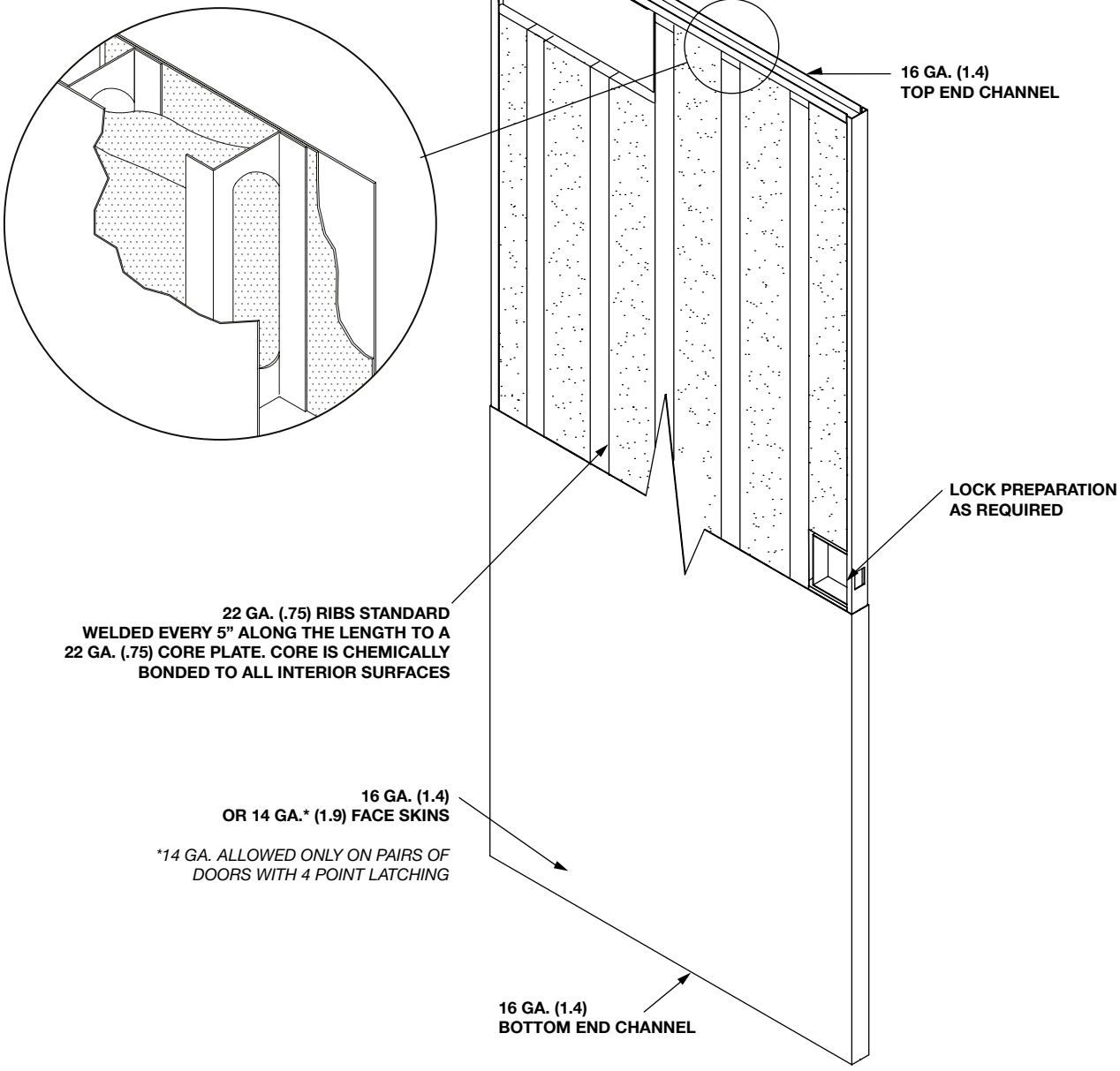
777 TRIO DOOR CONSTRUCTION

1-3/4” VERTICALLY STEEL STIFFENED FIBERGLASS CORE DOOR BEVELED LOCK EDGE, HANDED, MAXIMUM GLASS THICKNESS - 1"

MAXIMUM FIRE LABEL - 180 MINUTE
MAXIMUM SIZE 4’0” X 8’0” SINGLE
MAXIMUM SIZE 8’0” X 8’0” PAIRED*
MAXIMUM SIZE 8’0” X 9’0” PAIRED - 90 MINUTE*

**NO ASTRAGAL REQUIRED*

Ⓛ



777E TRIO-E DOOR CONSTRUCTION

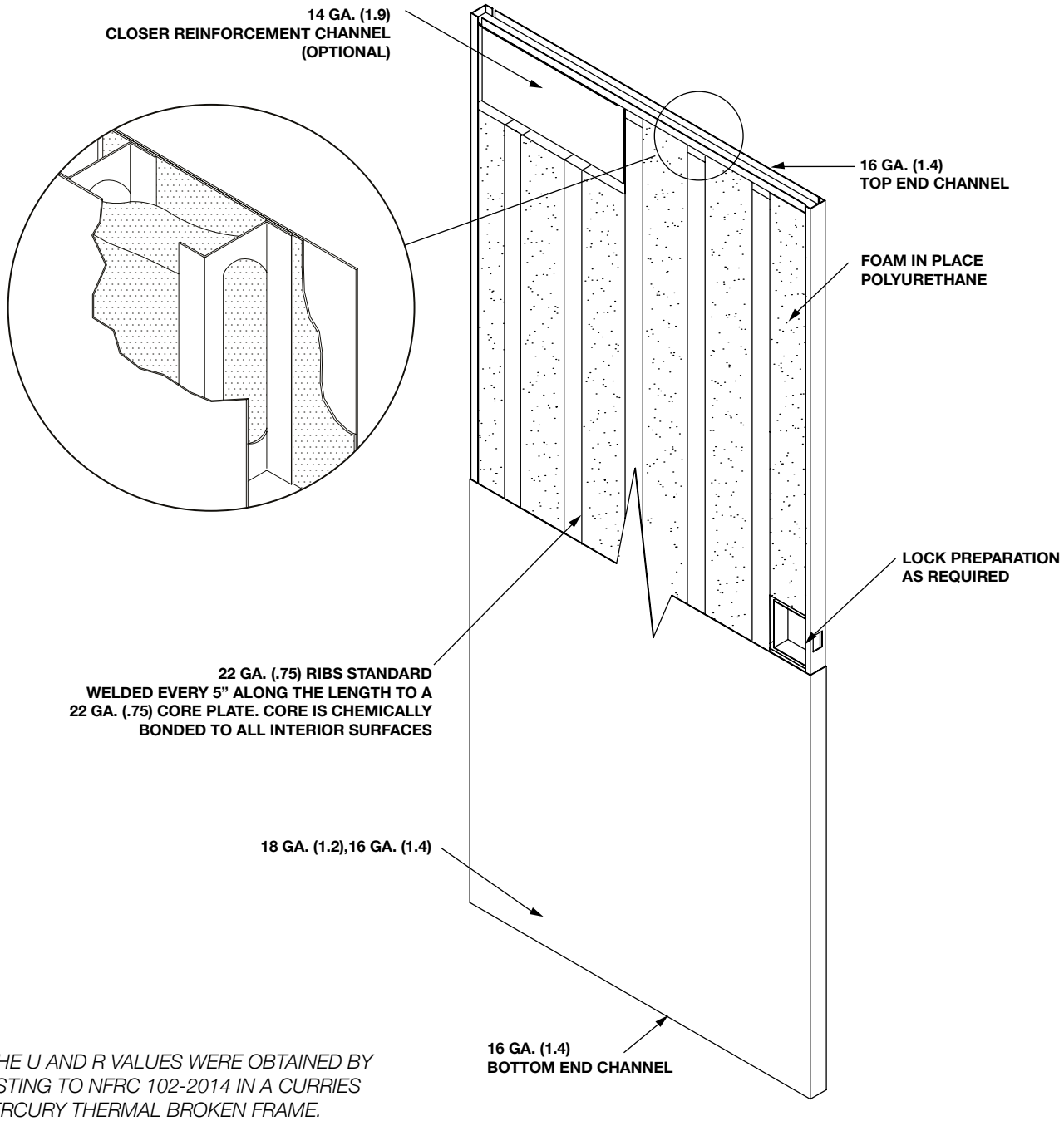
1-3/4” VERTICALLY STEEL STIFFENED POLYURETHANE CORE DOOR BEVELED LOCK EDGE, HANDED, MAXIMUM GLASS THICKNESS - 1”

MAXIMUM FIRE LABEL - 3 HOURS FOR UL
MAXIMUM SIZE SINGLES - 4’0” X 8’0”
MAXIMUM SIZE PAIRS - 8’0” X 8’0”

MAXIMUM FIRE LABEL - 90 MIN. WH
MAXIMUM SIZE SINGLES - 4’0” X 8’0”
PAIRS NOT AVAILABLE IN WH

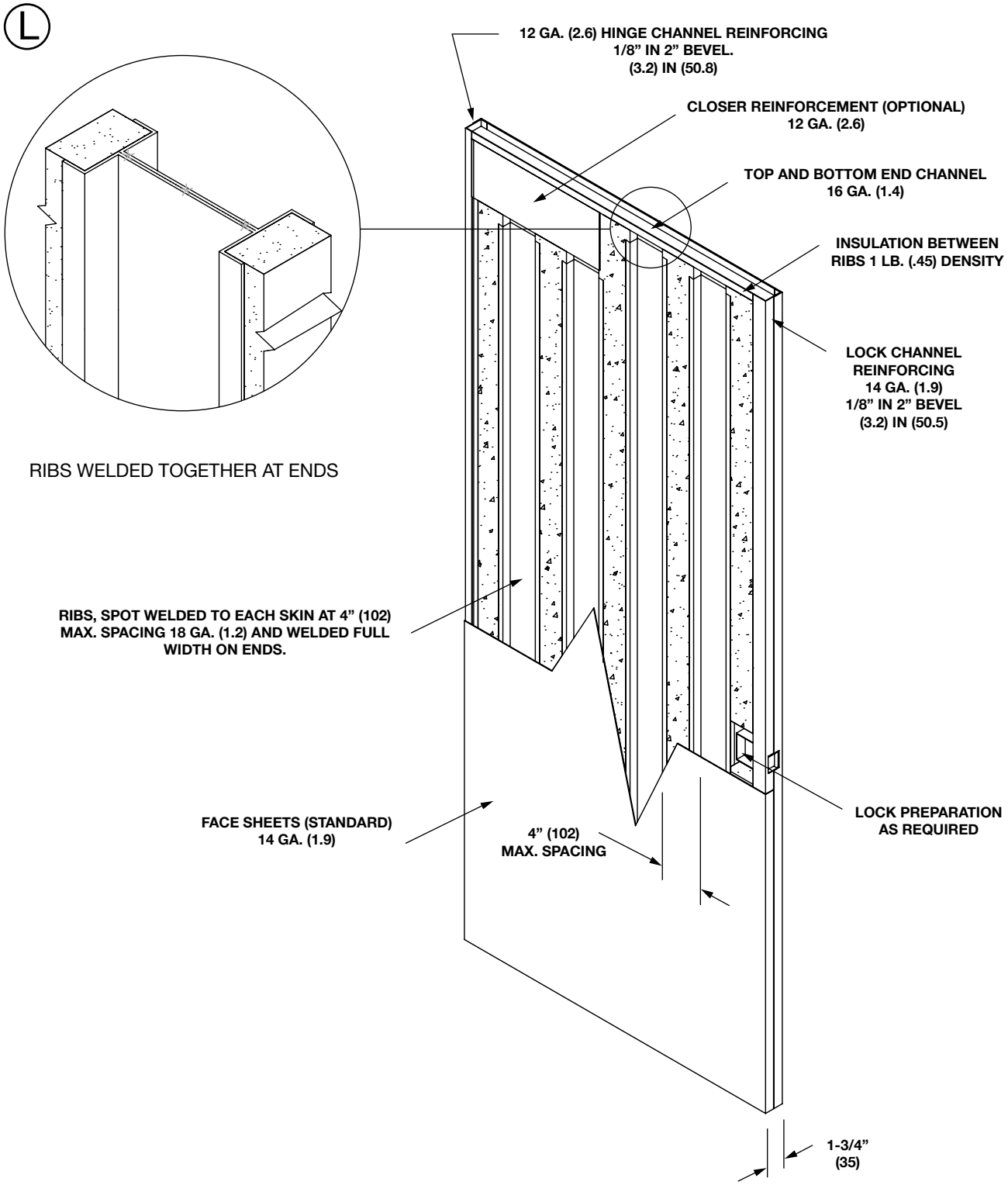
Ⓛ

POLYURETHANE DOOR ASSEMBLY THERMAL CHARACTERISTIC:
U FACTOR - 0.36 (NFRC 102-2014)*
R FACTOR - 2.78 (NFRC 102-2014)*

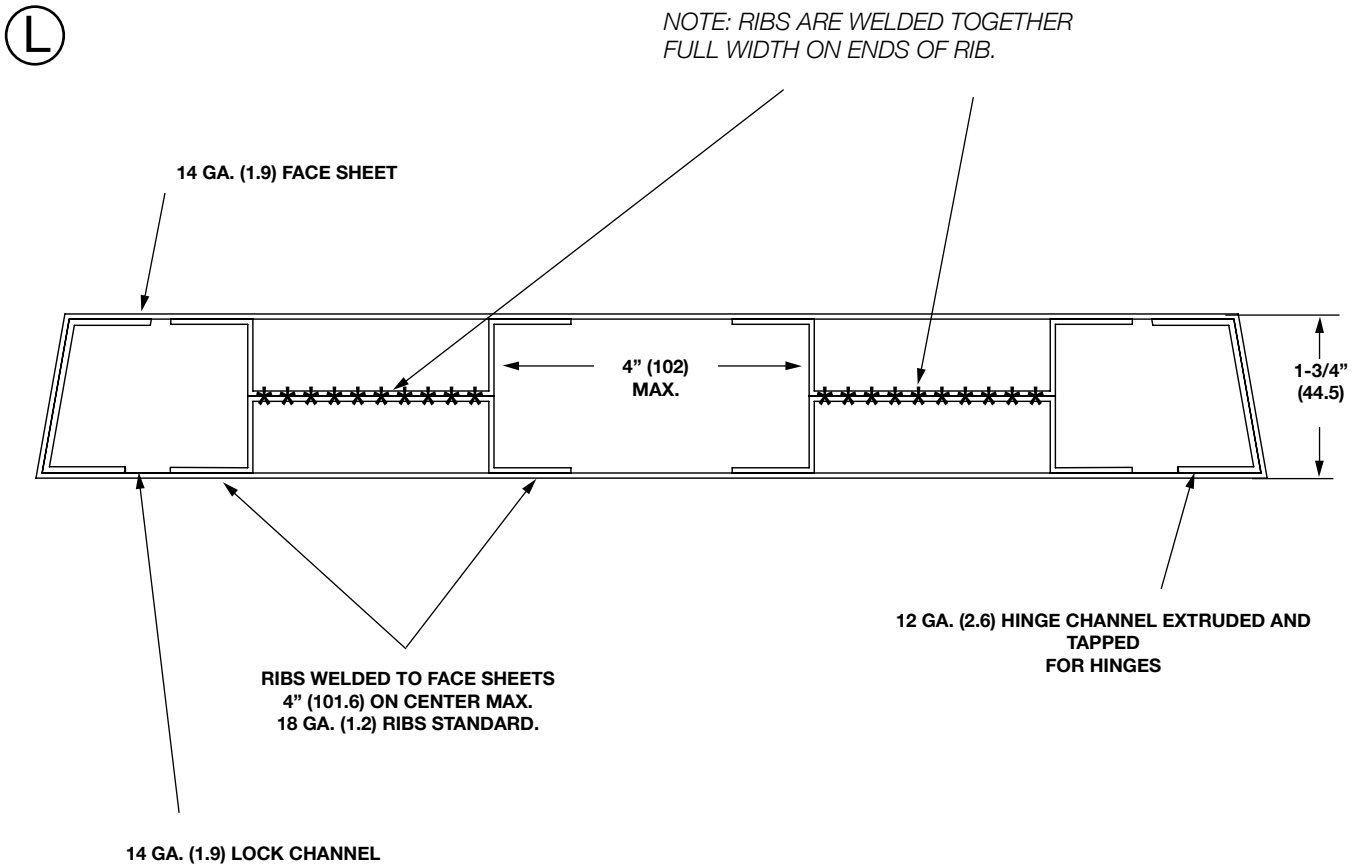


** THE U AND R VALUES WERE OBTAINED BY TESTING TO NFRC 102-2014 IN A CURRIES MERCURY THERMAL BROKEN FRAME.*

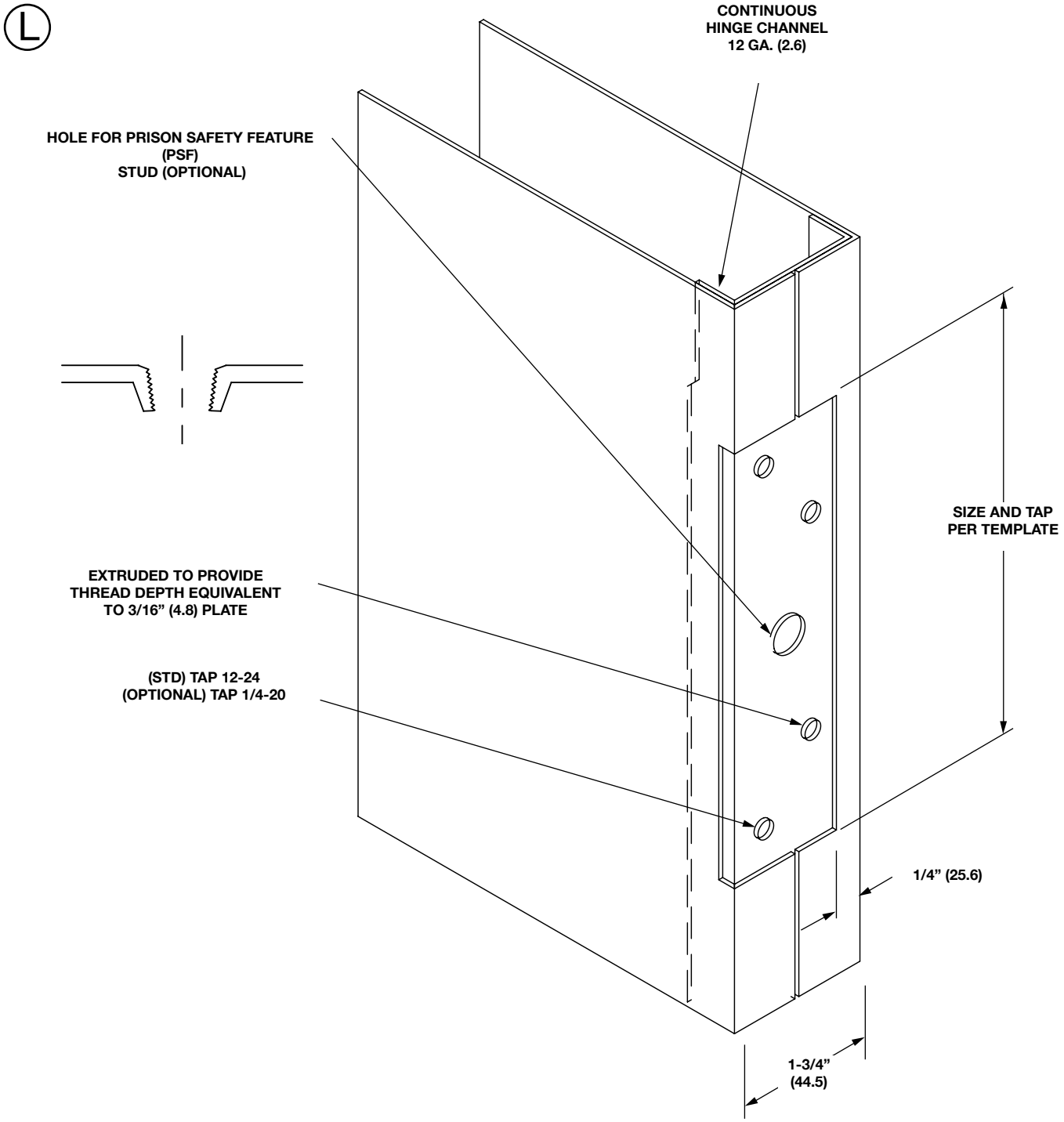
847 SECURITY DOOR CONSTRUCTION



847 SECURITY DOOR RIB CONSTRUCTION



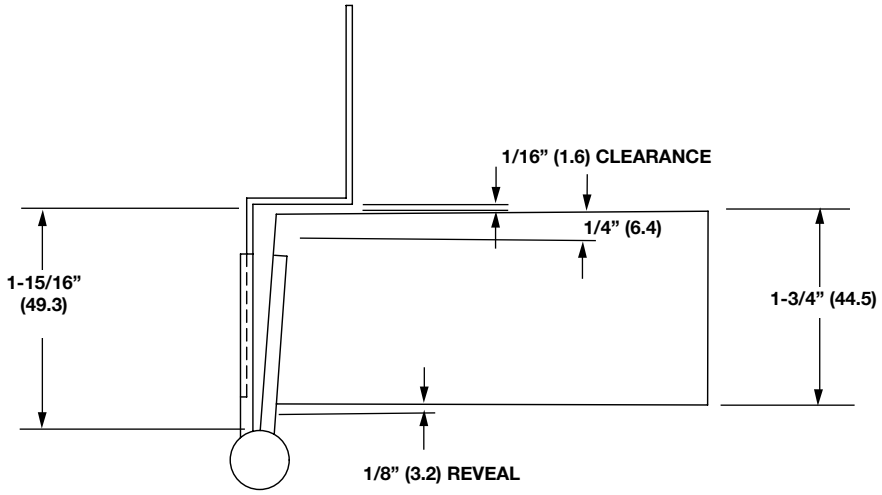
847 SECURITY DOOR HINGE CHANNEL REINFORCEMENT



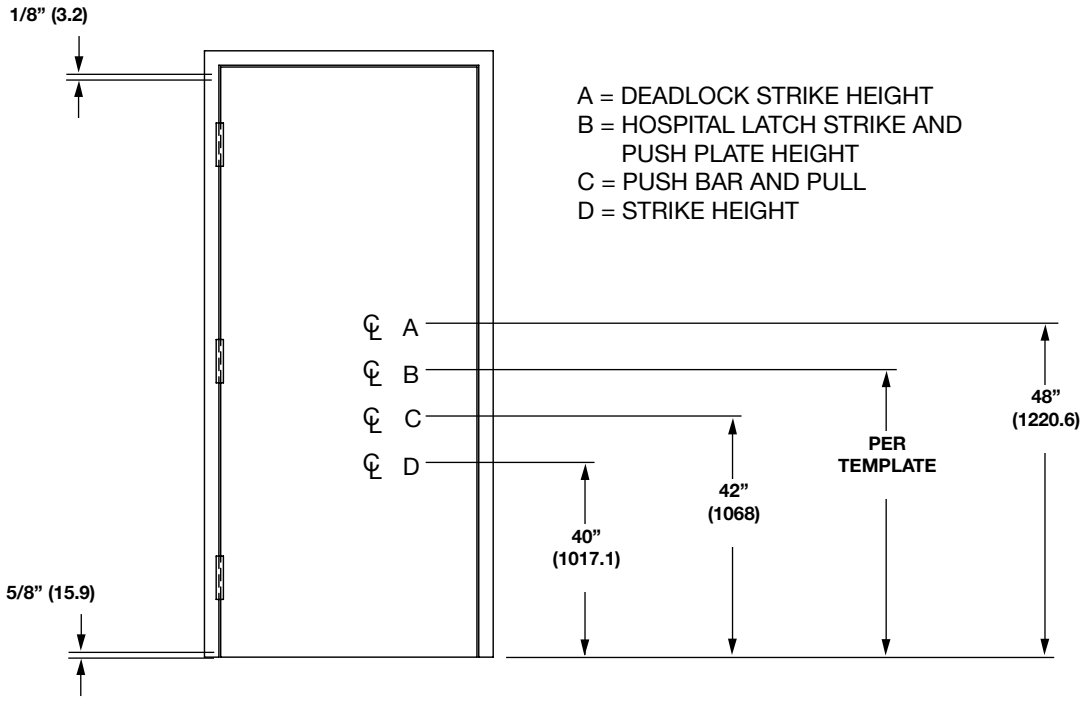
847 STANDARD HARDWARE LOCATION

STANDARD HINGE BACKSET
"G" BEVEL DOOR SHOWN

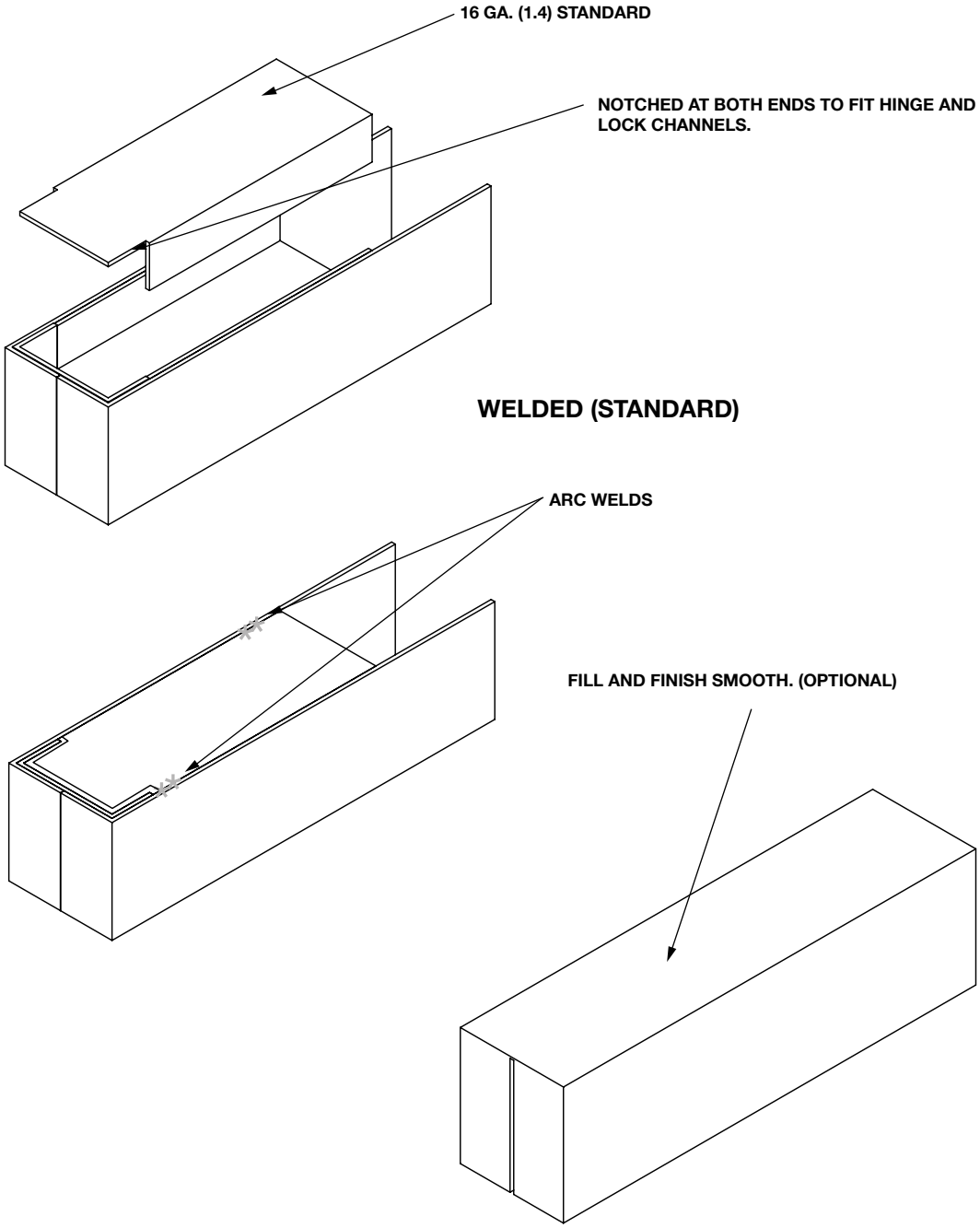
Ⓛ



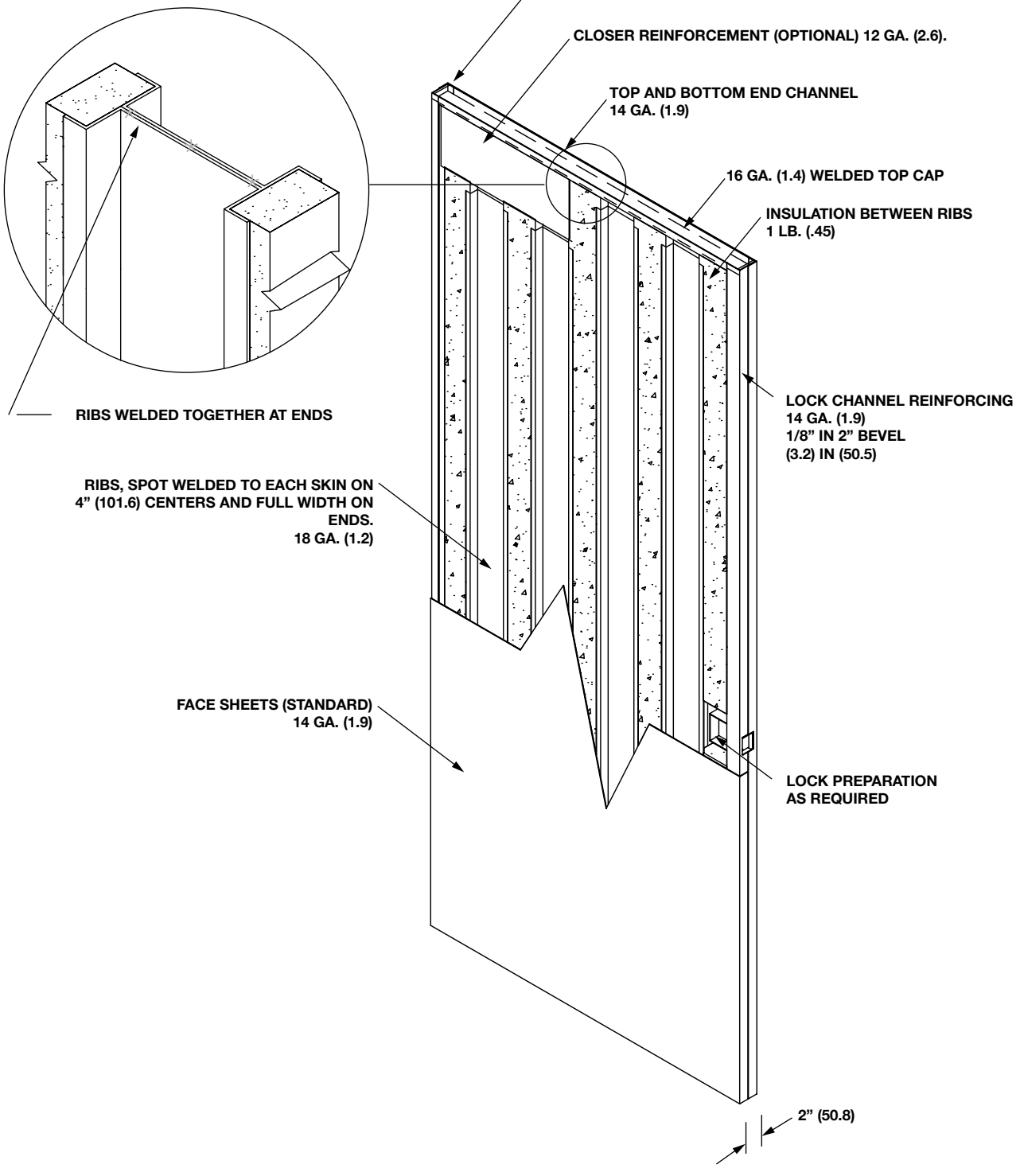
STRIKE LOCATIONS



847 TOP (BOTTOM OPTIONAL) FLUSH CAP



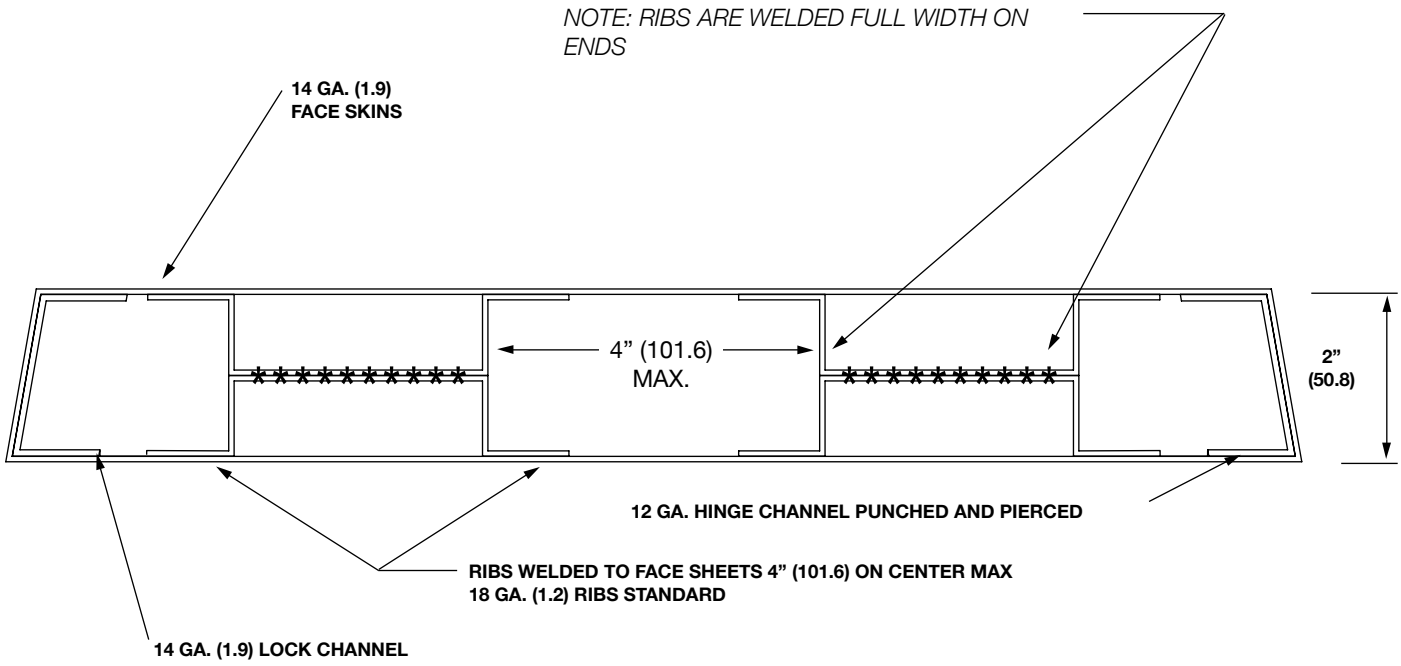
857 SECURITY DOOR CONSTRUCTION



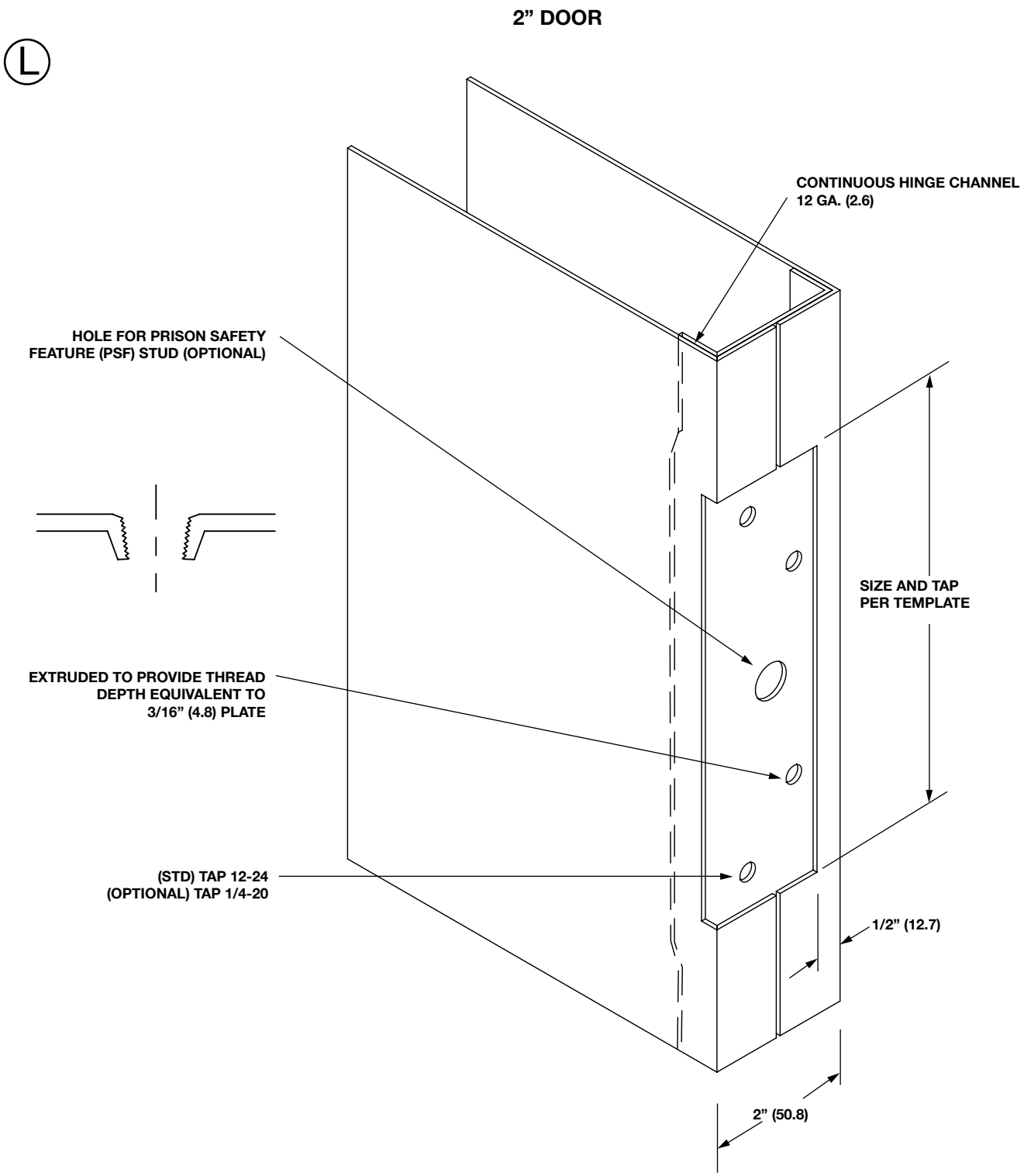
857 SECURITY DOOR RIB CROSS SECTION

Ⓛ

2" DOOR



857 SECURITY HINGE CHANNEL REINFORCEMENT



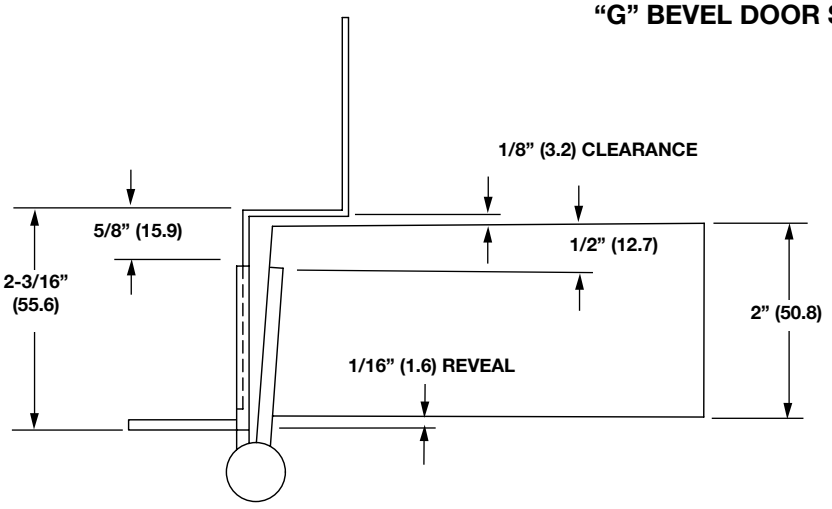
857 STANDARD HARDWARE LOCATIONS

STANDARD HINGE BACKSET

2" DOOR

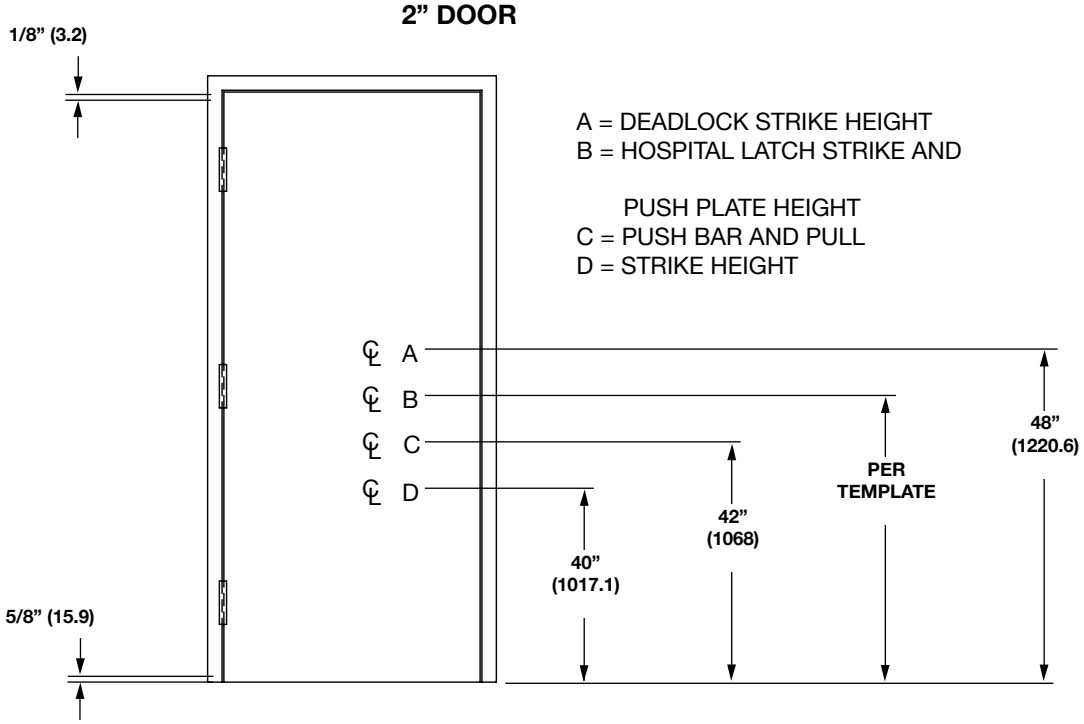
Ⓛ

"G" BEVEL DOOR SHOWN



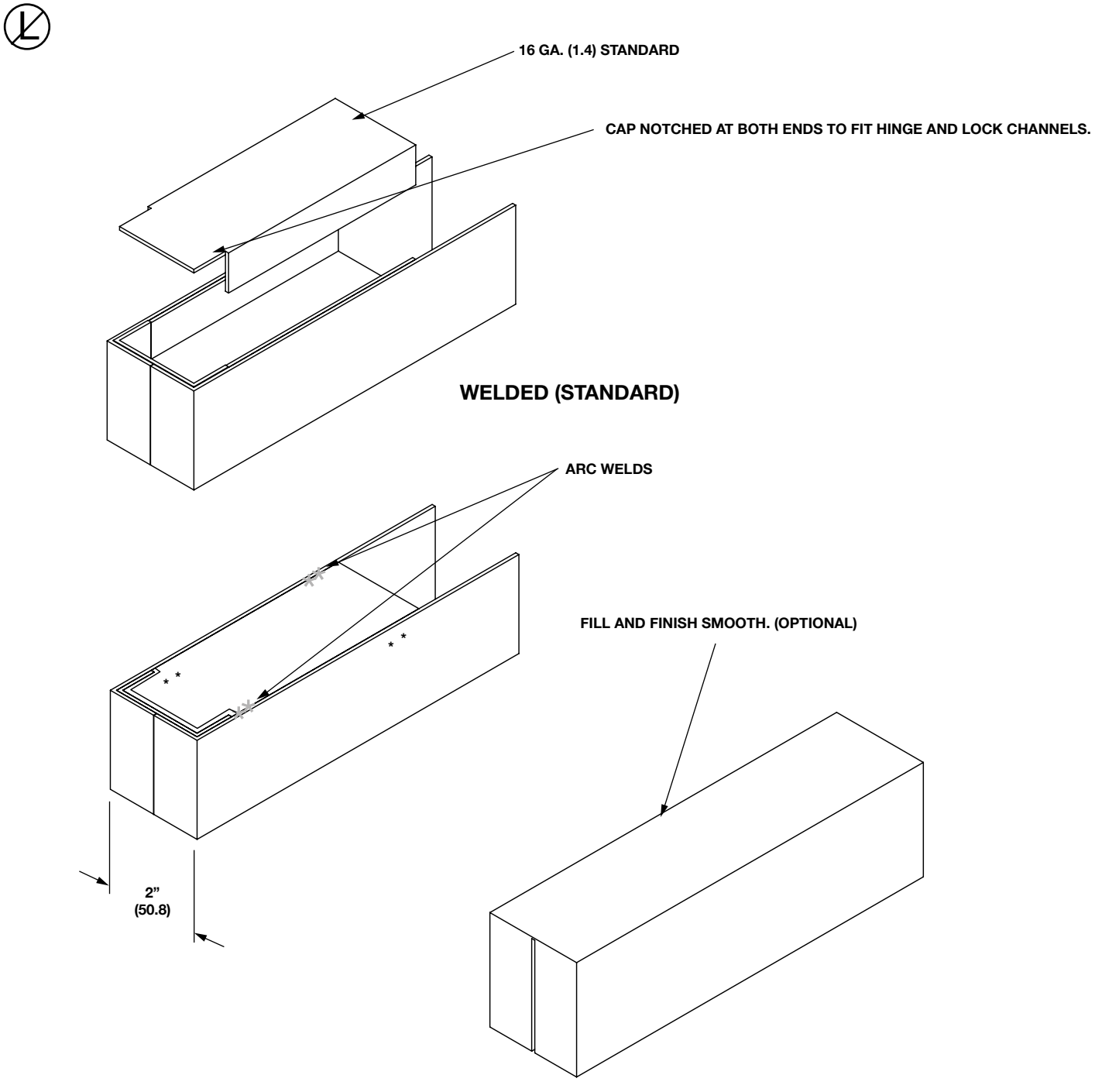
STRIKE LOCATIONS

2" DOOR



857 TOP (BOTTOM OPTIONAL) FLUSH CHANNEL

2" DOOR

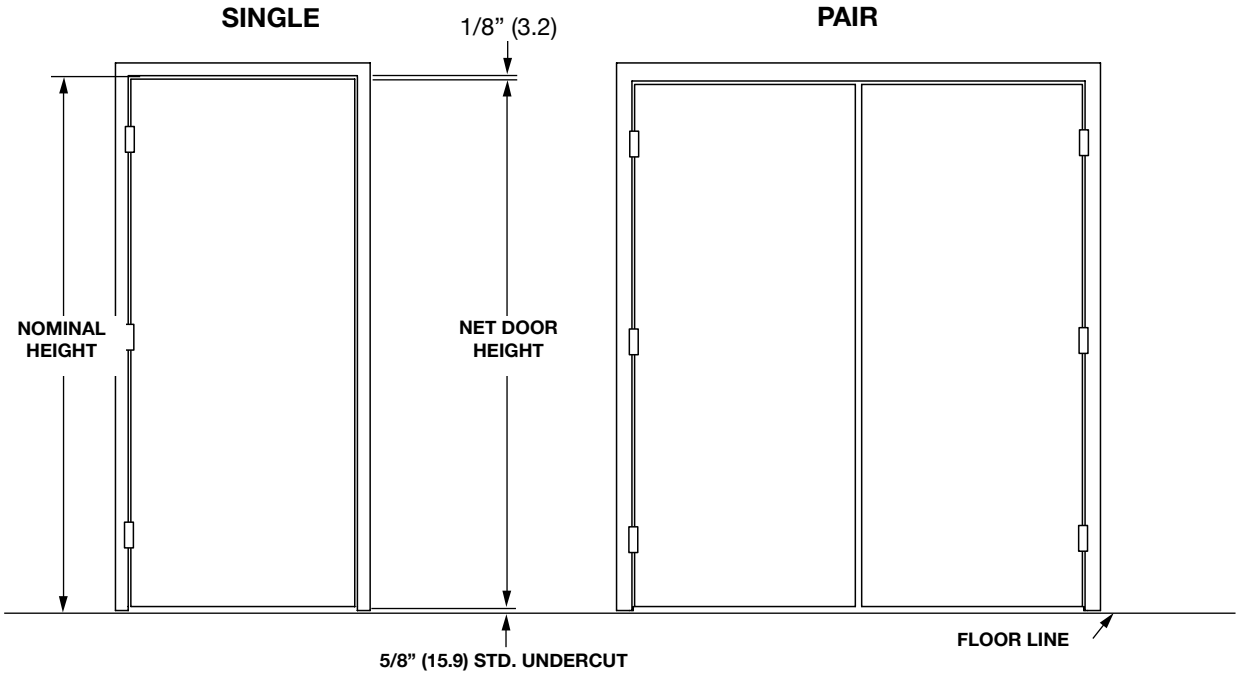


857 STANDARD DOOR CLEARANCES

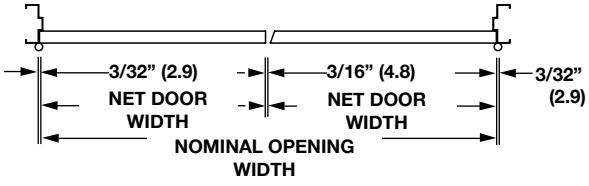
DOORS ORDERED FOR OTHER THAN CURRIES LOCATIONS WILL GET THE STANDARD UNDERCUT OF THE SPECIFIED MANUFACTURER.

2" DOOR

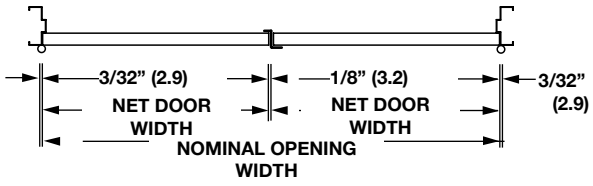
Ⓛ

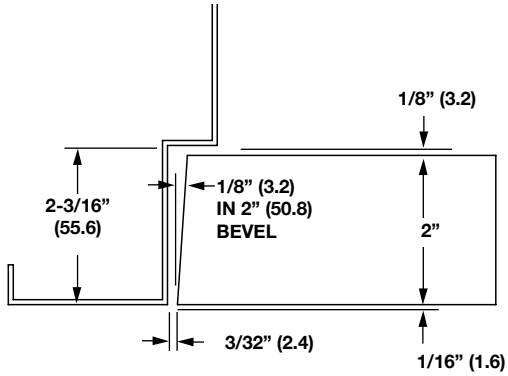


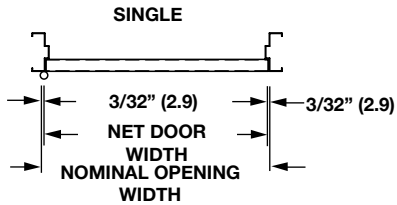
WITHOUT ASTRAGAL



WITH "Z" ASTRAGAL



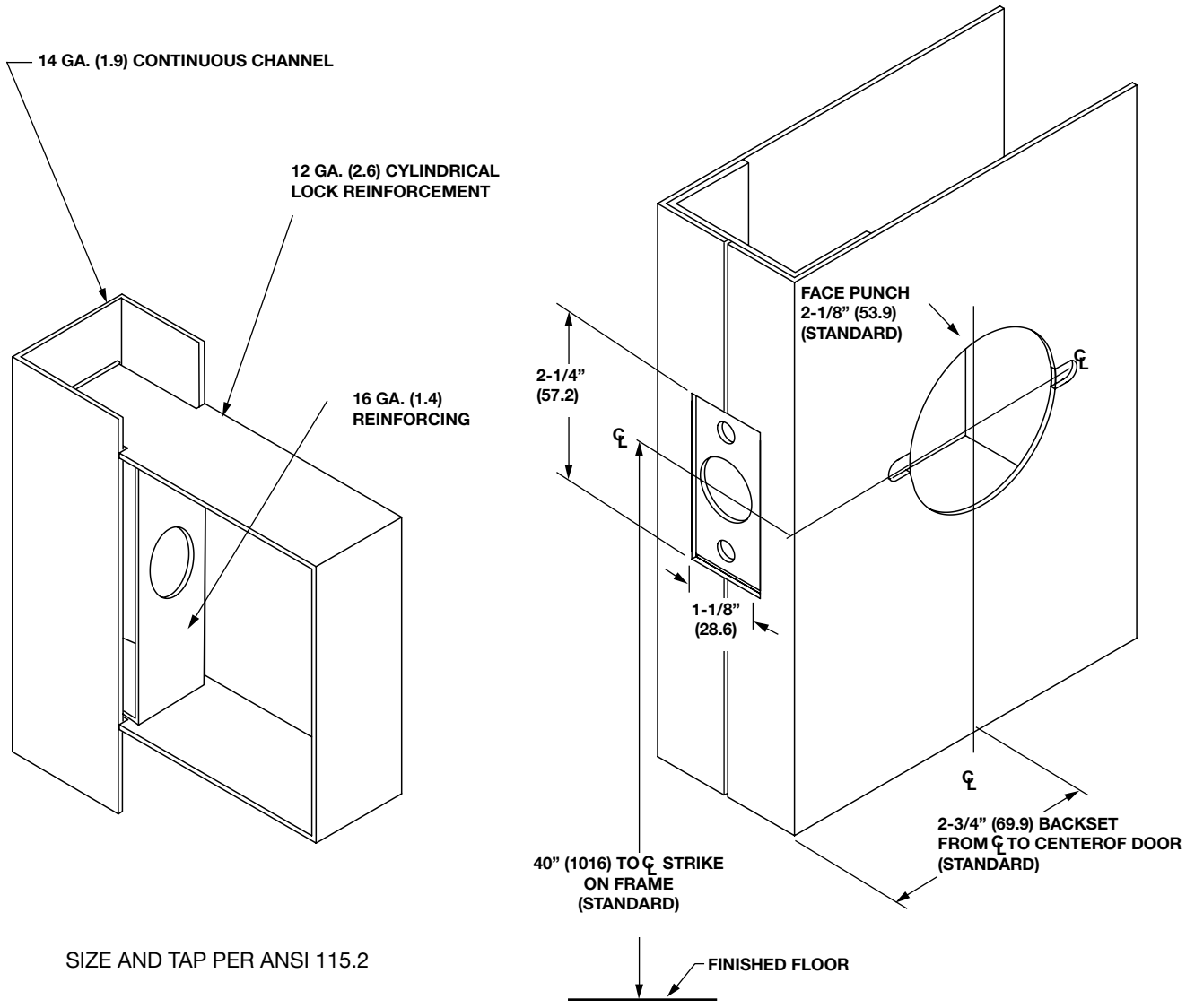




857 G2 GOVT. 161 REINF. CYLINDRICAL LOCK

2" DOOR

Ⓛ



SIZE AND TAP PER ANSI 115.2

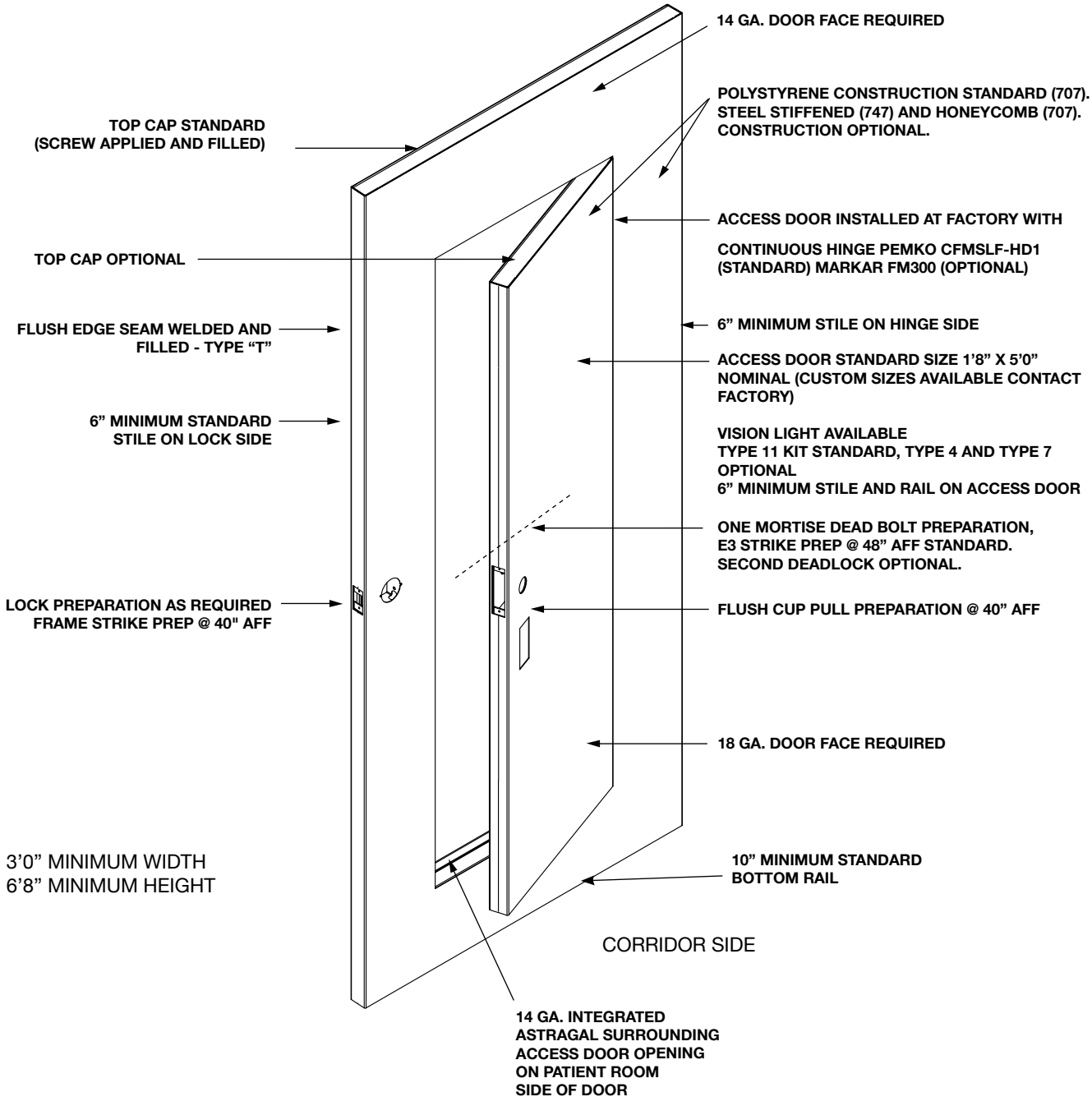
BEHAVIORAL HEALTHCARE PATIENT ROOM ACCESS OPENING

FIRE DOOR LIMITATIONS

MAXIMUM RATING: 45 MINUTES (WARNOCK HERSEY)
MAXIMUM SIZE: 4'0" X 7'2" (ENTRANCE DOOR)
CORE TYPE: STEEL STIFFENED ONLY (747)
DOOR FACE GAUGE: ENTRY: 14 GA; ACCESS: 18 GA.

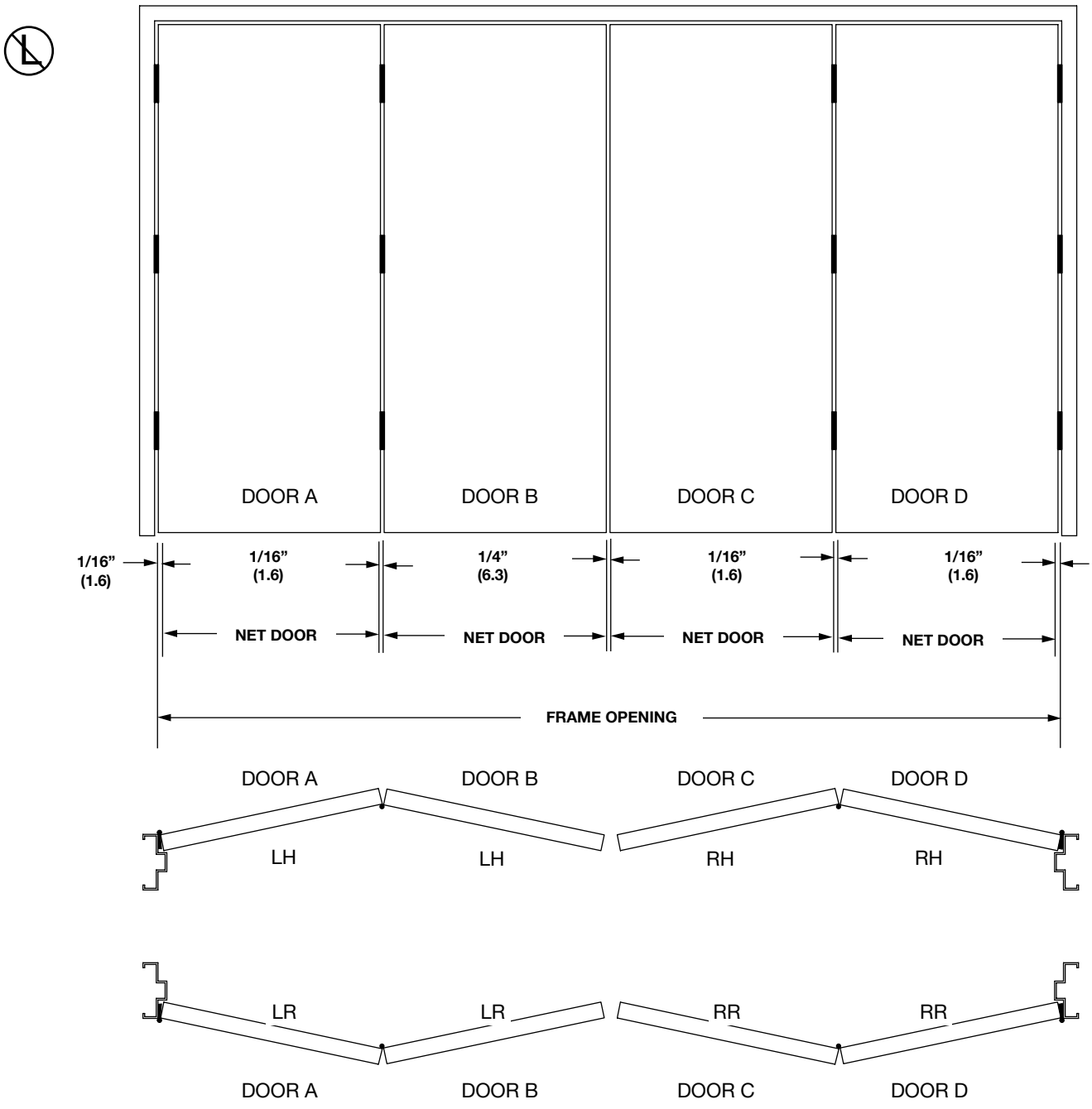
VISION LITE: MAXIMUM 216 SQ IN. TYPE 11, 4, OR 7 KIT
FRAME REQUIREMENTS: MINIMUM 16 GAUGE, KD OR WELDED, MASONRY OR DRYWALL (COMPRESSION ANCHORS NOT ALLOWED)

Ⓛ



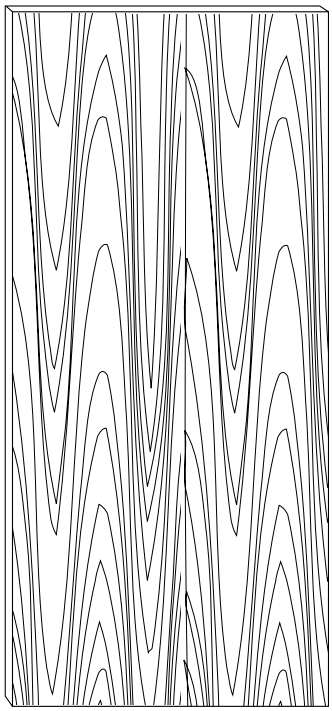
BI-FOLD DOORS

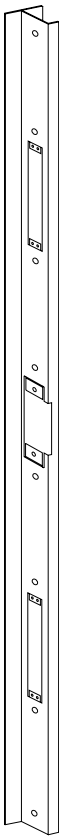
2 PAIR



STANDARD CLEARANCES SHOWN WITH SQUARE EDGE DOORS AND MORTISE HINGES. HARDWARE APPLICATIONS CAN CHANGE STILES, BEVELS, AND BOTTOM UNDERCUT. ALWAYS ADVISE FACTORY OF FRAME SIZE AND COMPLETE HARDWARE SET WHEN ORDERING.

CURRISTAIN AND CURRISTAIN SMOOTH GRAIN (SG) DOOR WITH "H" ASTRAGAL





CURRISTAIN (A1) 18 (1.1) or 16 (1.3) gauge galvanneal steel with .005" deep oak wood grain embossment
CURRISTAIN SG (A2) 18 (1.1) or 16 (1.3) gauge galvanneal smooth steel with tight grain stain design similar to cherry or maple.

Available 707 or 727 series "S" edge seam only.4'0" x 9'0" (1219 x 2743.2) max. door size for 707. 4'0" x 8'0" (1219 x 2438.4) max. door size for 727. Type 1 and Type 2 window kits available.

CURRISTAIN EMBOSSED

CURRISTAIN SMOOTH GRAIN

CURRISTAIN AND CURRISTAIN SG FINISH COLORS

Natural	Cocoa
Wheat	Cabernet
Cashew	Java

CUSTOM COLOR MATCH
Custom stain color matching is available. Send physical sample to be matched to your Customer Service Professional. Additional lead-times may apply.

STAIN – Stains used are solvent based products. Uniform application of stain by spraying 1 mil thickness over the entire door surface area and removing the excess stain by brushing or wiping the surface to obtain the desired color and effect. Six standard color choices are available (natural, wheat, cashew, cocoa, cabernet, or java). Custom color matching available for virtually any color.

TOPCOAT – A urethane with UV inhibitors topcoat is spray applied evenly across the surfaces. This UV resistant topcoat provides excellent resistance to normal wear and abuse. This topcoat is proven to be a solid performer for exterior as well as interior installations. The coating system was successfully tested to ANSI Standard A250.3.

WARRANTY – CURRIES steel doors have a warranty for one year on materials and craftsmanship after delivery to the jobsite. CURRIStain factory finish products include this one year warranty. Incidental nicks and scratched may be repaired using touch up "pens" available from the CURRIES factory.

NOTE: SUBSTITUTE DOOR SERIES 727 FOR 707 WHEN TEMPERATURE RISE LISTED OPENINGS ARE REQUIRED. 727 DOORS USE A "TEMPERATURE RISE CORE" IN LIEU OF POLYSTYRENE, HONEYCOMB CORE, OR QMAX (THERMALLY ENHANCED) CORE.

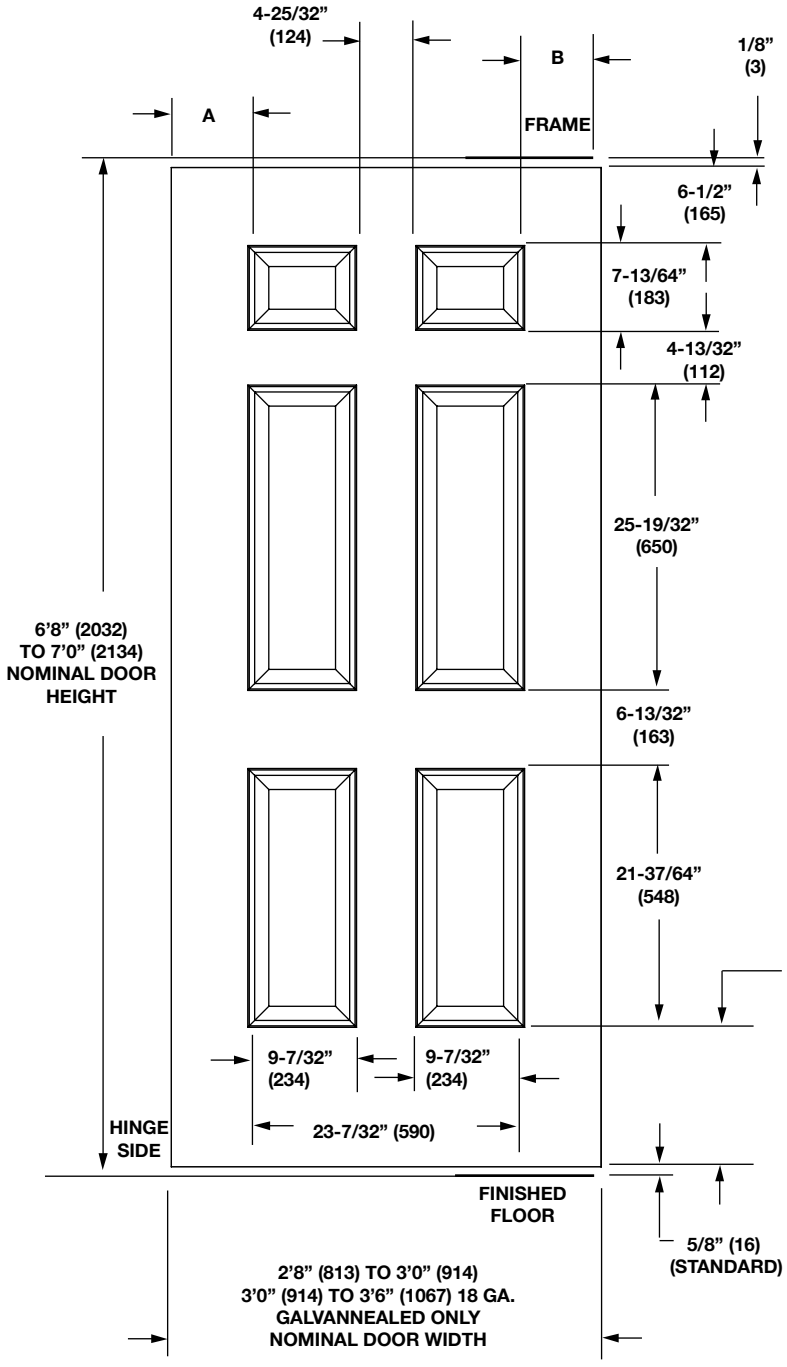
SPECIFICATIONS – Stainable wood grained steel doors shall be as manufactured by CURRIES, Mason City, Iowa. Doors shall be 707 and 727 series construction with continuous hinge and lock channel construction the full height of the door. Hinge and lock mounting preparations are integrally formed into these channels. Inverted top and bottom channel construction provides a full perimeter channel door infrastructure with door face skins supported by either a polystyrene, honeycomb core, or QMAX (thermally enhanced) core permanently bonded to the face skins as required for insulating values on all openings. Doors shall be manufactured of galvanneal steel for corrosion resistance. Door face skins can be grained .005 deep or wood grain stain design on smooth steel with the color requested by the building owner. Doors are available handed as single doors or pairs of doors with or without fire resistance ratings. Doors are factory stained and sealed with the owner's choice of CURRIES standard colors.

CURRISTAIN ASTRAGAL (CODE K)
"h" astragal 18 (1.1) gauge woodgrain embossment (code k). Inactive leaf preparations only! Blank, strike (E1), and or flush bolt (H1) preparations. Screw applied available for CURRIStain door only. 90 (2743.2) maximum height will fit both beveled edge and square edge doors.

E6 PANEL DOOR

Ⓛ

16 GA. (1.2) AND 18 GA. (1.2) GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	3-7/32" (92)	5-3/8" (137)
2'10" (864)	5-7/32" (153)	5-3/8" (137)
3'0" (914)	6-19/64" (184)	6-19/64" (184)
3'4" (1016)	8-19/64" (245)	8-19/64" (245)
3'6" (1067)	9-19/64" (275)	9-19/64" (275)

UP TO 3 HR. FIRE RATING

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS. *
PANIC REINF. STANDARDS. *

*VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

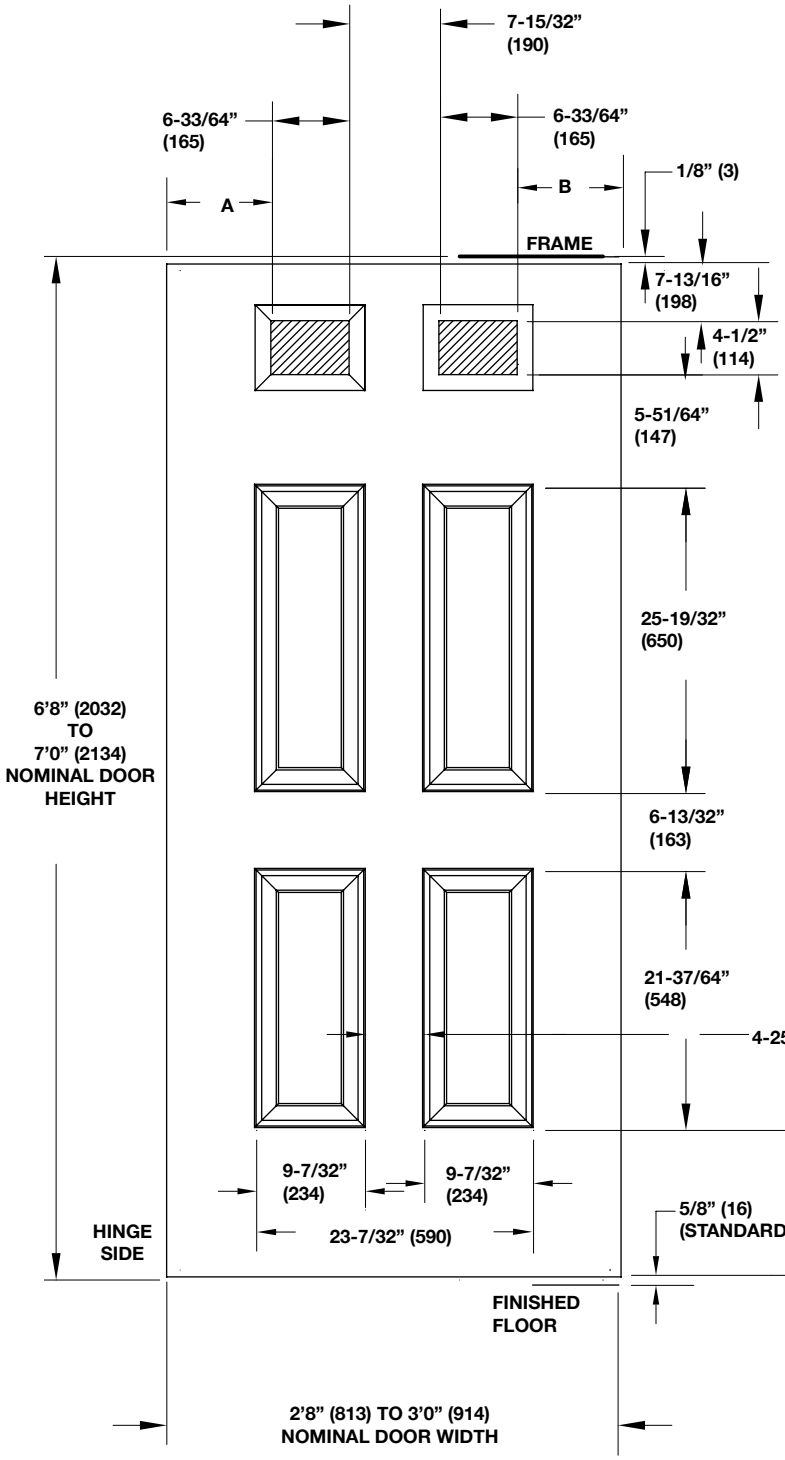
****10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

E62TL PANEL DOOR

TYPE 1 & 2 WINDOW MOULDING

Ⓛ

18 GA. (1.2) GALVANNEALED
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-5/8" (117)	6-11/16" (170)
2'10" (864)	6-5/8" (168)	6-11/16" (170)
3'0" (914)	7-21/32" (194)	7-21/32" (194)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

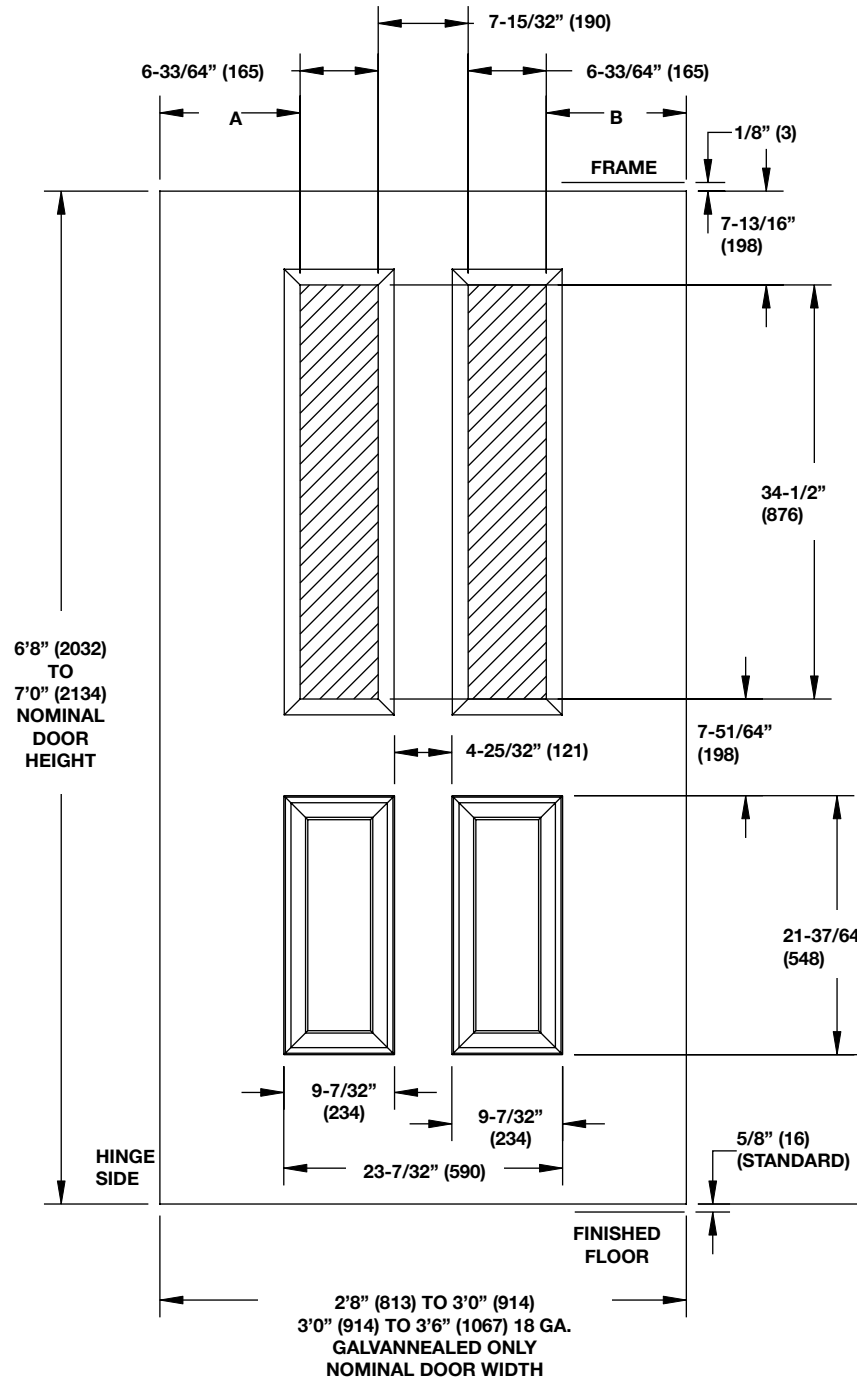
**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

E62FNVS PANEL DOOR

TYPE 1 & 2 WINDOW MOULDING

Ⓛ

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM
2'8" (813)	4-5/8" (117)	6-11/16" (170)
2'10" (864)	6-5/8" (168)	6-11/16" (170)
3'0" (914)	7-21/32" (194)	7-21/32" (194)
3'4" (1016)	9-21/32" (245)	9-21/32" (245)
3'6" (1067)	10-21/32" (271)	10-21/32" (271)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

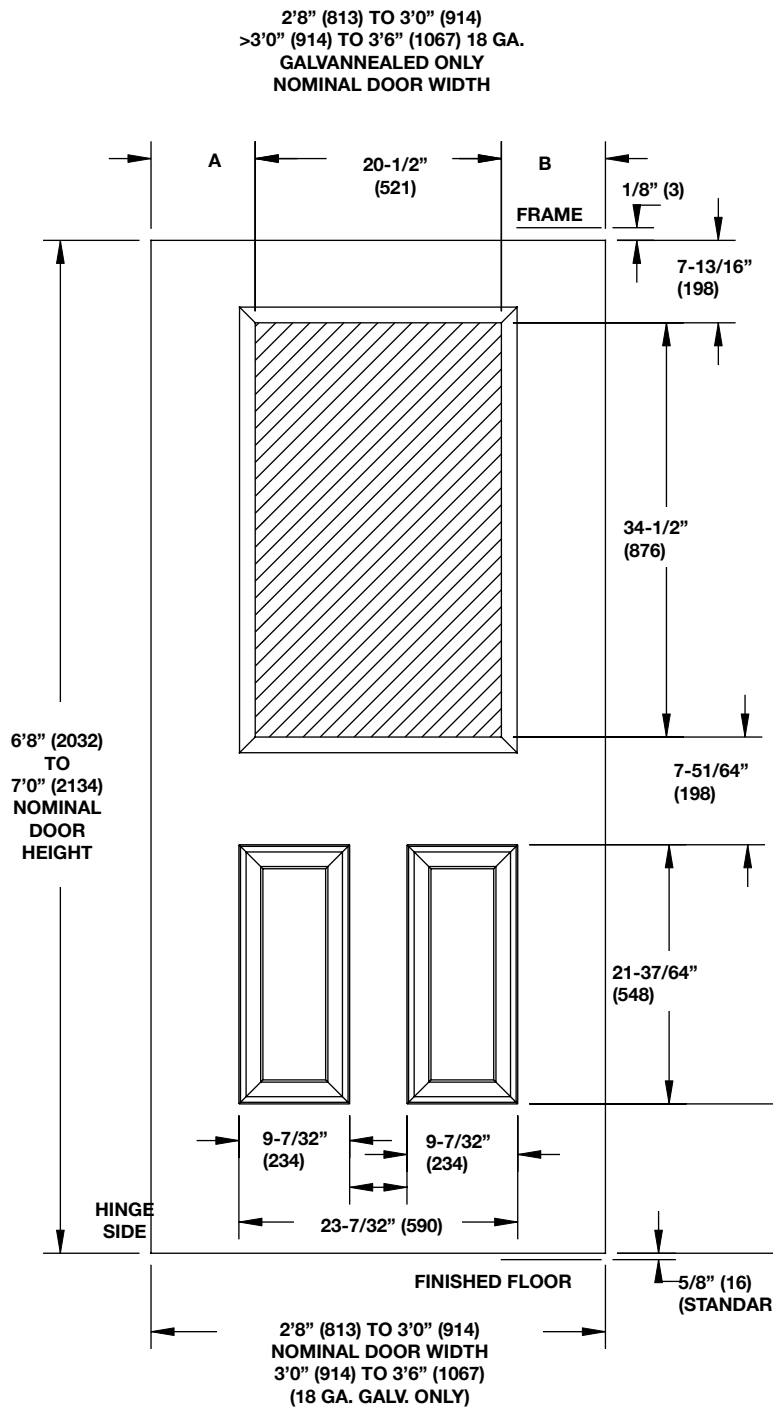
****10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

E6HGS PANEL DOOR

TYPE 1 & 2 WINDOW MOULDING

Ⓛ

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-5/8" (117)	6-11/16" (170)
2'10" (864)	6-5/8" (168)	6-11/16" (170)
3'0" (914)	7-21/32" (194)	7-21/32" (194)
3'4" (1016)	9-21/32" (245)	9-21/32" (245)
3'6" (1067)	10-21/32" (271)	10-21/32" (271)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 1 OR 2 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

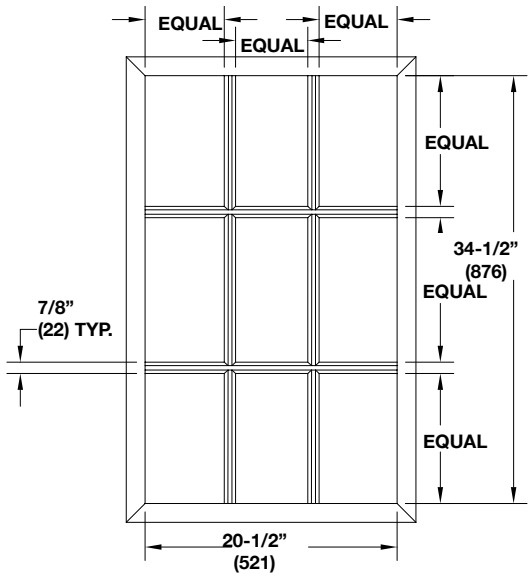
HALF GLASS 9-LITE CONVERSION KITS

TYPE 1 & 2 WINDOW MOULDING

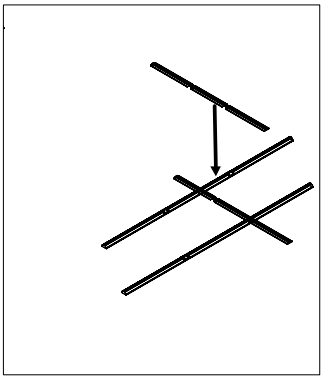
Ⓛ

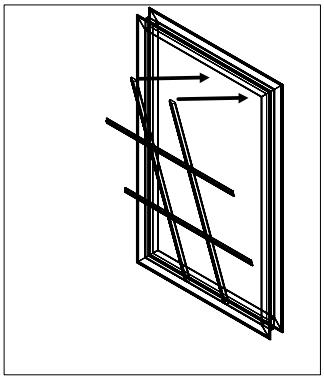
GENERAL NOTES:

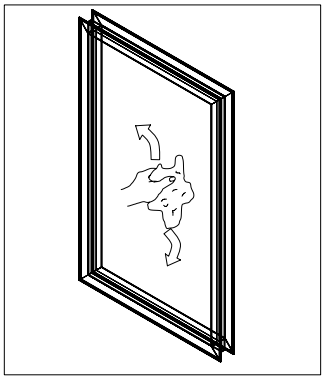
- *YOU MAY CLEAN THE GLASS WITH A COMMERCIAL GLASS CLEANER, HOWEVER GLASS MUST BE PRIMED WITH RUBBING ALCOHOL PRIOR TO APPLICATION.*
- *IT IS RECOMMENDED THAT THE INSTALLATION BE COMPLETED IN A CONTROLLED ENVIRONMENT (I.E., A WORKSHOP).*
- *ONCE THE TAPE CONTACTS THE GLASS, THE GRILLE CANNOT BE REPOSITIONED OR REMOVED.*
- *DIMENSIONS AND LOCATIONS OF EMBOSSMENTS AND LITE ARE DETAILED ON THE E6HGS TECHNICAL DATA PAGE. MUNTIN KITS ARE PROVIDED AS A SET (FRONT AND BACK) LABELED (WHITE ALUMINUM, MS007013) OR NON-LABELED (WHITE PVC, MS007039)*



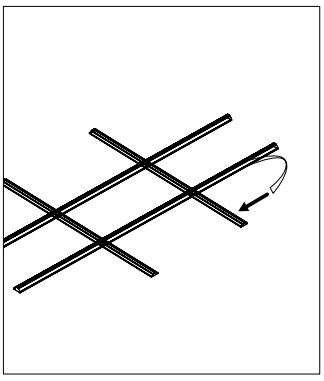
INSTALLATION PROCEDURE

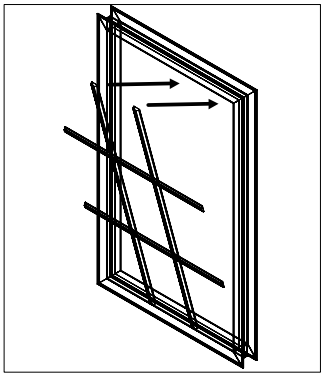


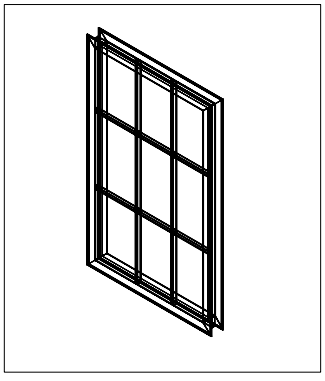




1) LEAVING THE LINER ON THE TAPE, ASSEMBLE THE GRILLE. CHECK FIT OF THE GRILLE TO THE GLASS.
2) MAKE CERTAIN THAT THE GRILLE LAYS FLAT ON THE GLASS WITH A SLIGHT GAP AT THE ENDS.
3) PRIME THE GLASS BY SPRAYING WITH RUBBING ALCOHOL. WIPE CLEAN WITH A LINT-FREE CLOTH.
4) WAIT ONE TO THREE MINUTES TO ALLOW ANY RESIDUAL MOISTURE TO EVAPORATE.



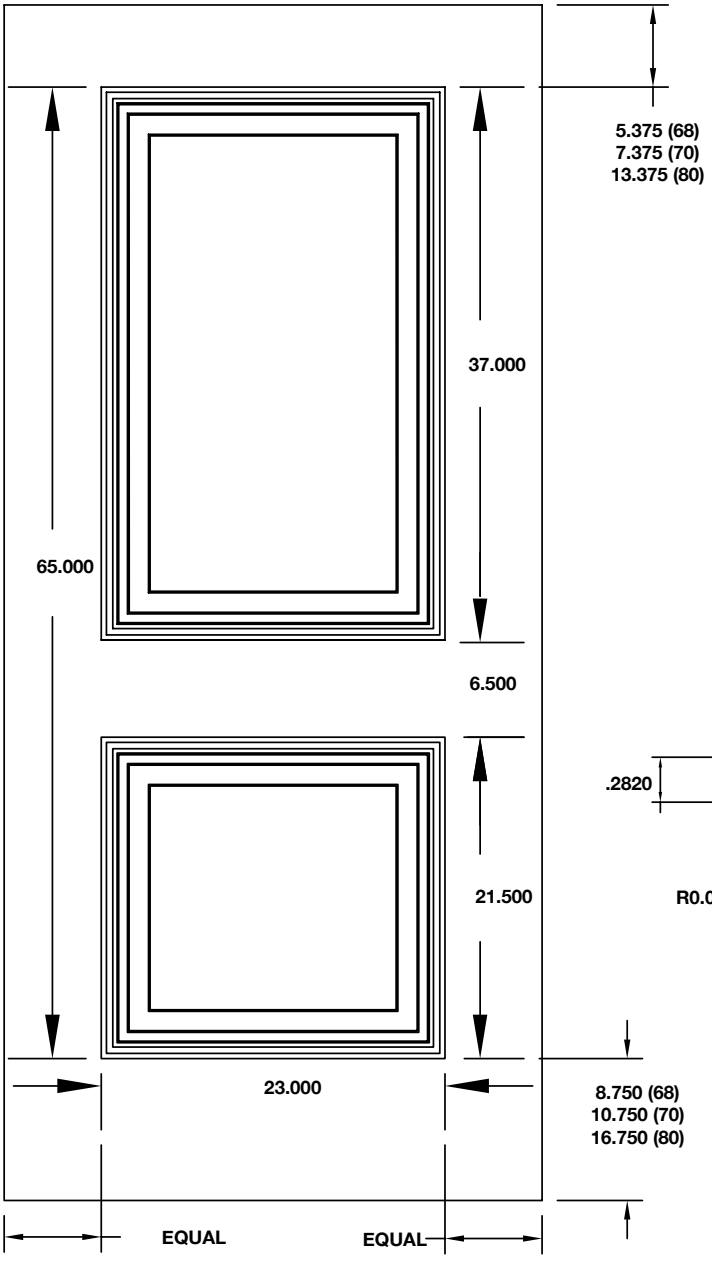




5) CAREFULLY REMOVE ALL PLASTIC LINERS ON THE TAPE SIDE OF THE GRILLE.
6) POSITION THE GRILLE OVER THE GLASS WITHOUT TOUCHING THE GLASS SURFACE. TWO PEOPLE CAN BETTER ACCOMPLISH THIS POSITIONING, ESPECIALLY WITH LARGER SIZES. REMEMBER, ONCE THE GRILLE MEETS THE GLASS IT CANNOT BE REPOSITIONED.
7) VERY CAREFULLY, LOWER THE GRILLE TO THE GLASS SURFACE.
8) USING A ROLLER, APPLY MODERATE PRESSURE (NO MORE THAN 15 PSI) AND PRESS ALL GRILLE AREAS TO THE GLASS TO IMPROVE ADHESION.
9) REPEAT THE PROCEDURE ON THE OTHER SIDE OF THE GLASS.

HIGH DEFINITION 2P PANEL DOOR

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



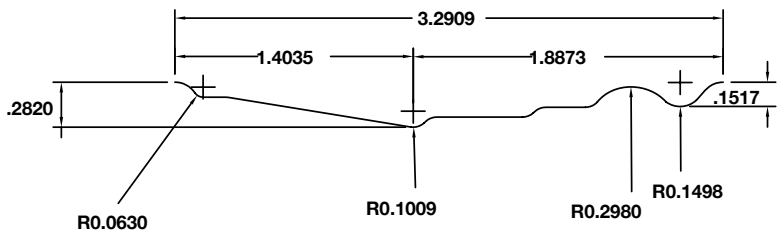
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **,7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE



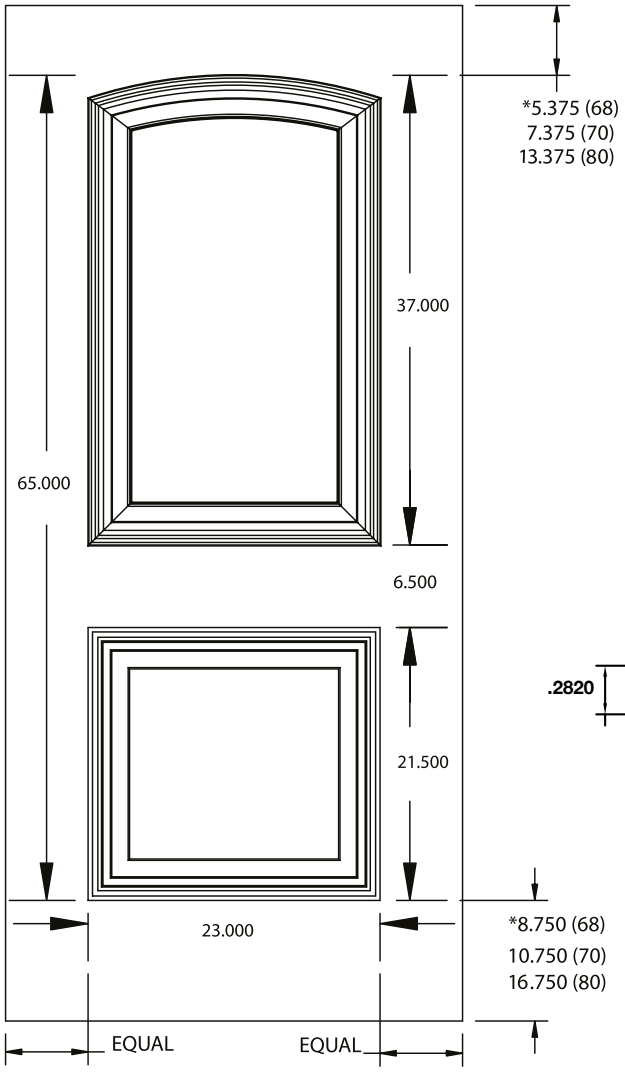
NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

HIGH DEFINITION 2PA PANEL DOOR

Ⓛ

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +

EMBOSSED ARCHED 2-PANEL



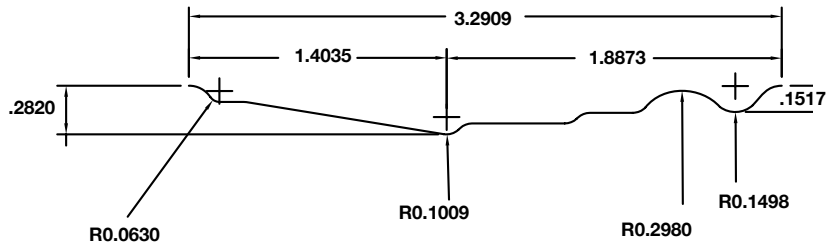
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE

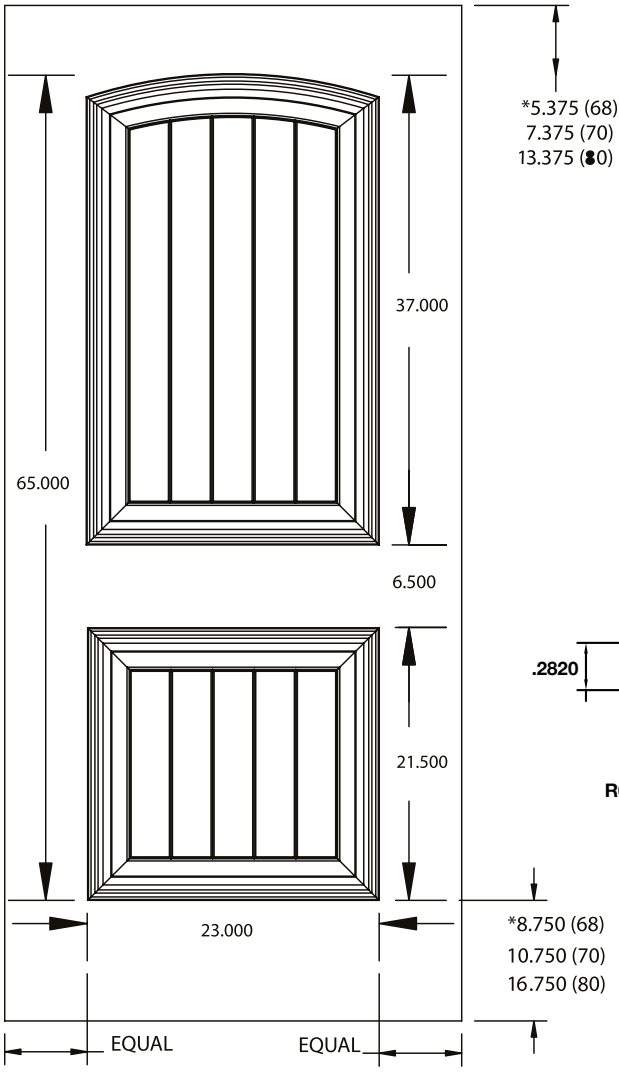


NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

HIGH DEFINITION 2PAP PANEL DOOR

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +

EMBOSSED PLANKED ARCHED 2-PANEL



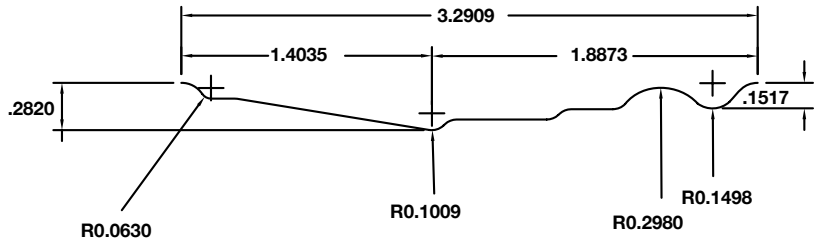
- UP TO 3 HOUR FIRE RATING
  (POLYURETHANE CANNOT BE FIRE RATED OVER 7')
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1" AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

PROFILE

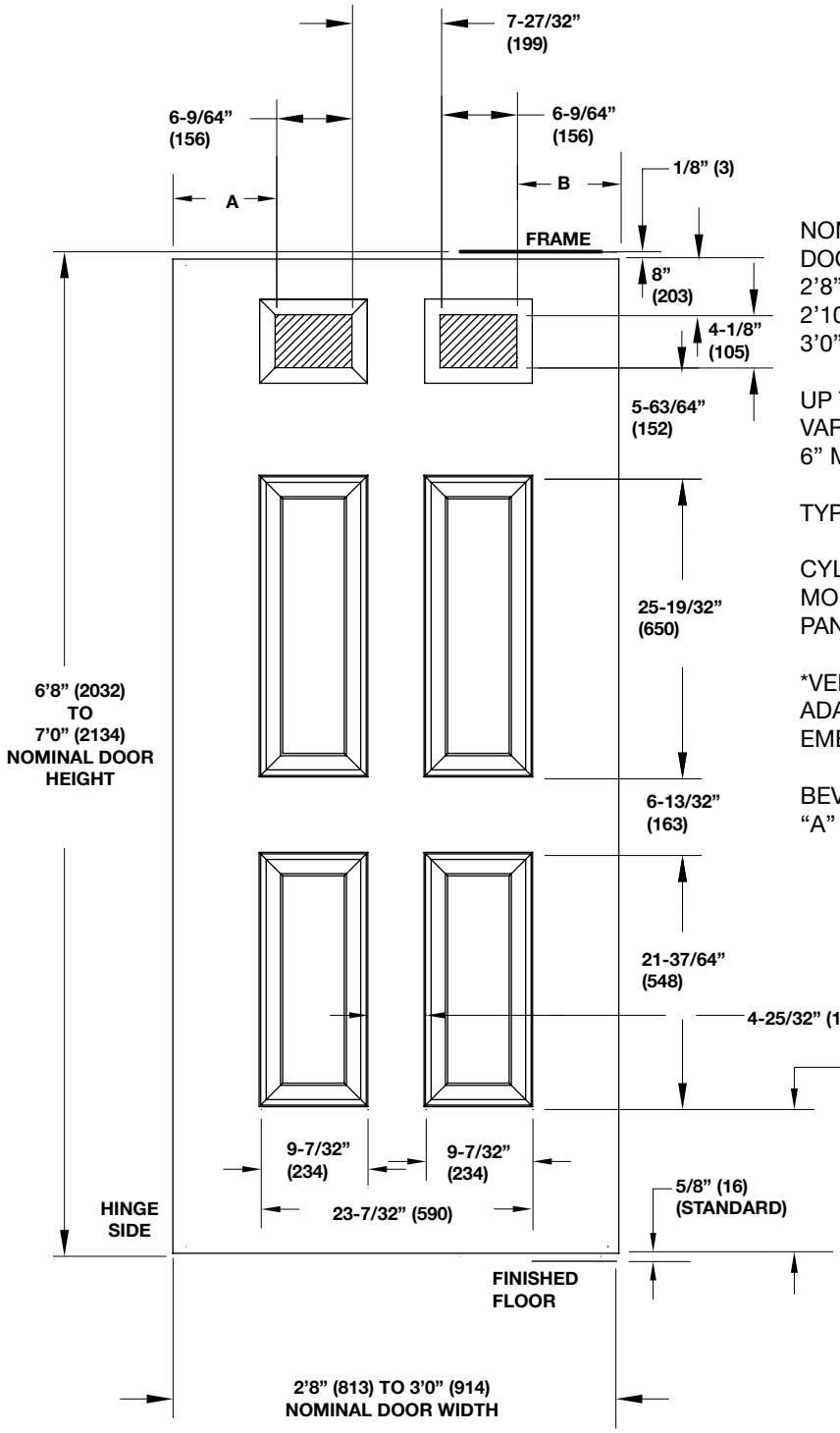


NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

E62TL PANEL DOOR

TYPE 9 & 10 WINDOW MOULDING

Ⓛ



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

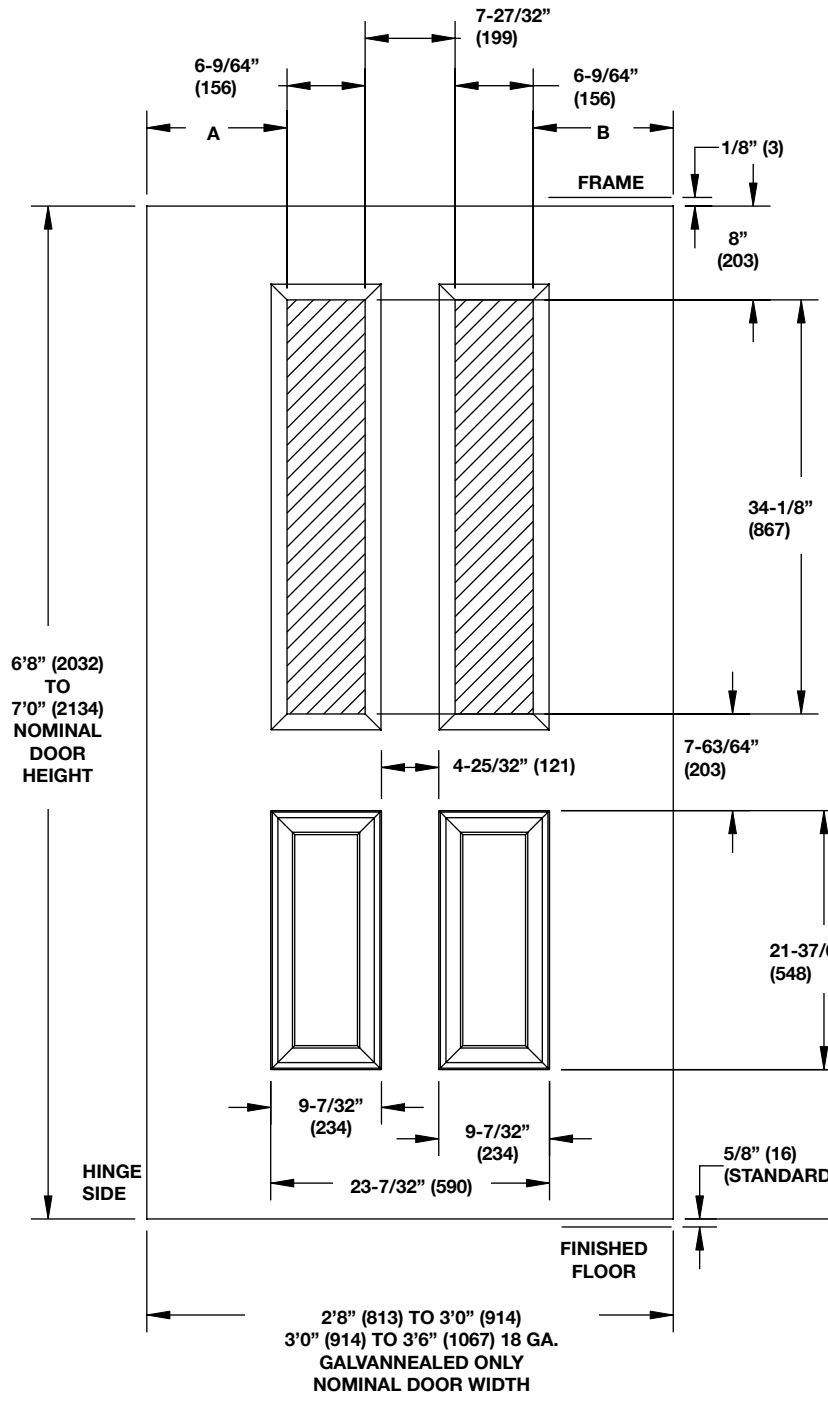
**10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS

E62FNVS PANEL DOOR

TYPE 9 & 10 WINDOW MOULDING

Ⓛ

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)
3'4" (1016)	9-27/32" (250)	9-27/32" (250)
3'6" (1067)	10-27/32" (275)	10-27/32" (275)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

7-9/16" (192)
(6'8" (2032) NOMINAL DOOR HEIGHT)**
11-9/16" (294)
(7'0" (2134) NOMINAL DOOR HEIGHT)**

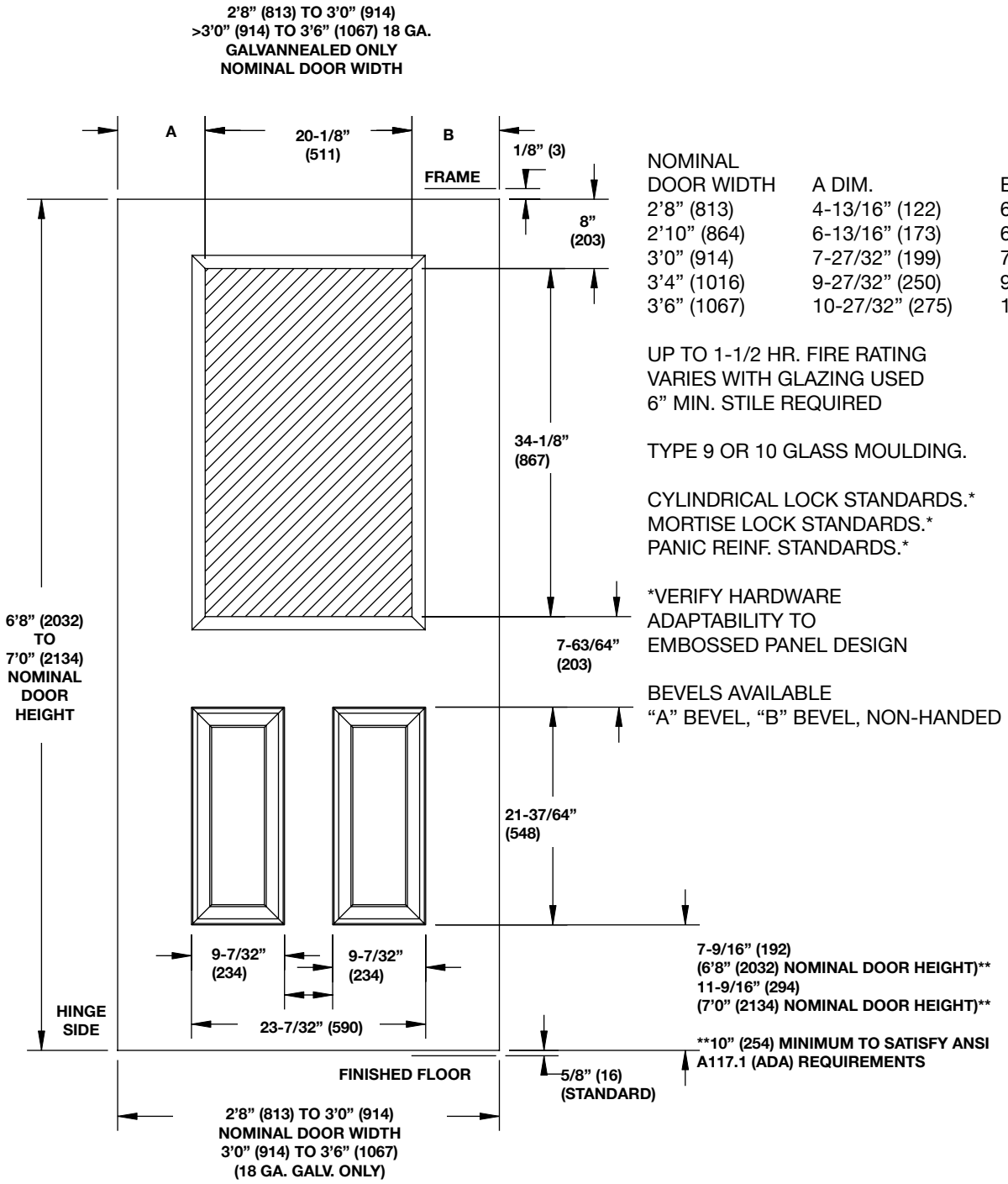
****10" (254) MINIMUM TO SATISFY ANSI A117.1 (ADA) REQUIREMENTS**

E6HGS PANEL DOOR

TYPE 9 & 10 WINDOW MOULDING

Ⓛ

18 GA. (1.2), GALVANNEALED
18 GA. (1.2) COLD ROLLED STEEL
(POLYSTYRENE CORE)



NOMINAL DOOR WIDTH	A DIM.	B DIM.
2'8" (813)	4-13/16" (122)	6-7/8" (175)
2'10" (864)	6-13/16" (173)	6-7/8" (175)
3'0" (914)	7-27/32" (199)	7-27/32" (199)
3'4" (1016)	9-27/32" (250)	9-27/32" (250)
3'6" (1067)	10-27/32" (275)	10-27/32" (275)

UP TO 1-1/2 HR. FIRE RATING
VARIES WITH GLAZING USED
6" MIN. STILE REQUIRED

TYPE 9 OR 10 GLASS MOULDING.

CYLINDRICAL LOCK STANDARDS.*
MORTISE LOCK STANDARDS.*
PANIC REINF. STANDARDS.*

*VERIFY HARDWARE
ADAPTABILITY TO
EMBOSSED PANEL DESIGN

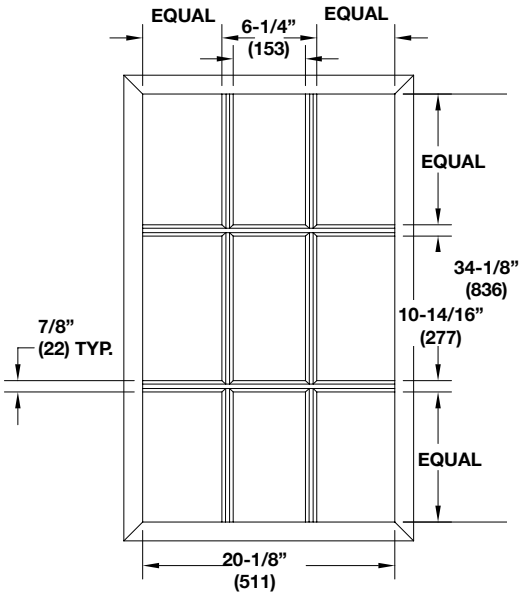
BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDED

HALF GLASS 9-LITE CONVERSION KITS

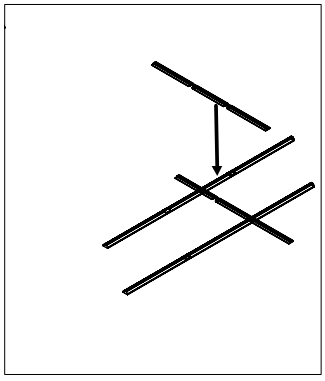
TYPE 9 & 10 WINDOW MOULDING

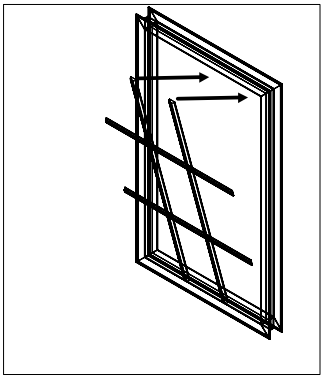
Ⓛ

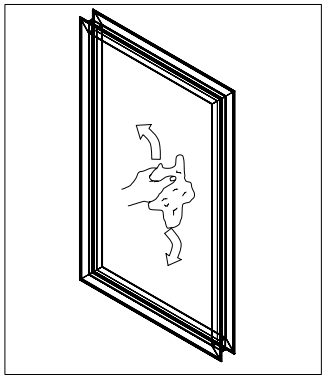
GENERAL NOTES:
- *YOU MAY CLEAN THE GLASS WITH A COMMERCIAL GLASS CLEANER, HOWEVER GLASS MUST BE PRIMED WITH RUBBING ALCOHOL PRIOR TO APPLICATION.*
- *IT IS RECOMMENDED THAT THE INSTALLATION BE COMPLETED IN A CONTROLLED ENVIRONMENT (I.E., A WORKSHOP).*
- *ONCE THE TAPE CONTACTS THE GLASS, THE GRILLE CANNOT BE REPOSITIONED OR REMOVED.*
- *DIMENSIONS AND LOCATIONS OF EMBOSSMENTS AND LITE ARE DETAILED ON THE E6HGS TECHNICAL DATA PAGE. MUNTIN KITS ARE PROVIDED AS A SET (FRONT AND BACK) LABELED (WHITE ALUMINUM, MS102483) OR NON-LABELED (WHITE PVC, MS102566)*



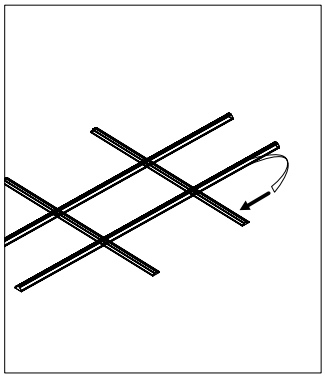
INSTALLATION PROCEDURE

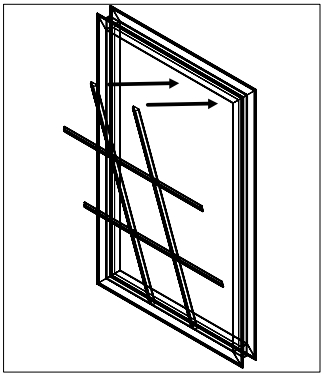


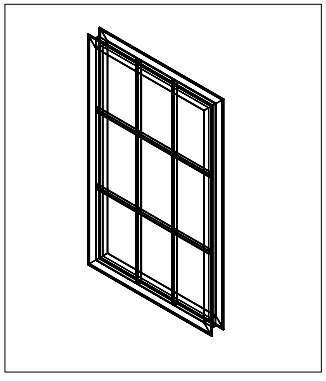




1) LEAVING THE LINER ON THE TAPE, ASSEMBLE THE GRILLE. CHECK FIT OF THE GRILLE TO THE GLASS.
2) MAKE CERTAIN THAT THE GRILLE LAYS FLAT ON THE GLASS WITH A SLIGHT GAP AT THE ENDS.
3) PRIME THE GLASS BY SPRAYING WITH RUBBING ALCOHOL. WIPE CLEAN WITH A LINT-FREE CLOTH.
4) WAIT ONE TO THREE MINUTES TO ALLOW ANY RESIDUAL MOISTURE TO EVAPORATE.



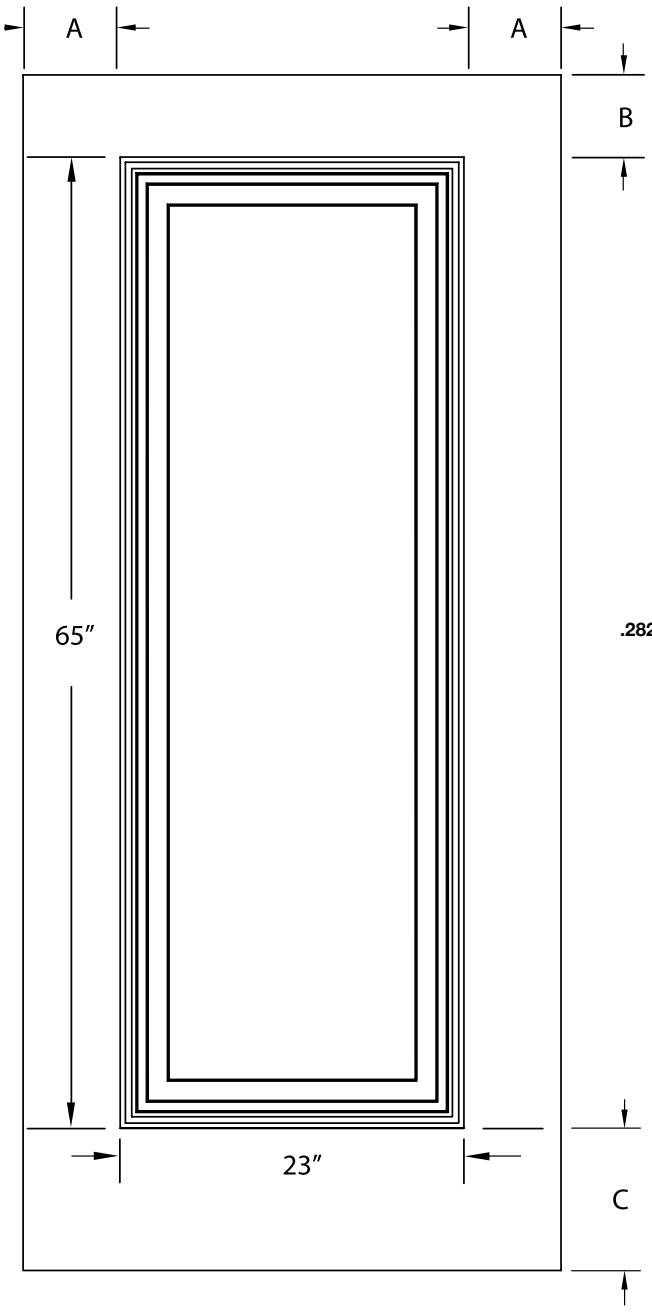




5) CAREFULLY REMOVE ALL PLASTIC LINERS ON THE TAPE SIDE OF THE GRILLE.
6) POSITION THE GRILLE OVER THE GLASS WITHOUT TOUCHING THE GLASS SURFACE. TWO PEOPLE CAN BETTER ACCOMPLISH THIS POSITIONING, ESPECIALLY WITH LARGER SIZES. REMEMBER, ONCE THE GRILLE MEETS THE GLASS IT CANNOT BE REPOSITIONED.
7) VERY CAREFULLY, LOWER THE GRILLE TO THE GLASS SURFACE.
8) USING A ROLLER, APPLY MODERATE PRESSURE (NO MORE THAN 15 PSI) AND PRESS ALL GRILLE AREAS TO THE GLASS TO IMPROVE ADHESION.
9) REPEAT THE PROCEDURE ON THE OTHER SIDE OF THE GLASS.

HIGH DEFINITION 1P PANEL DOOR

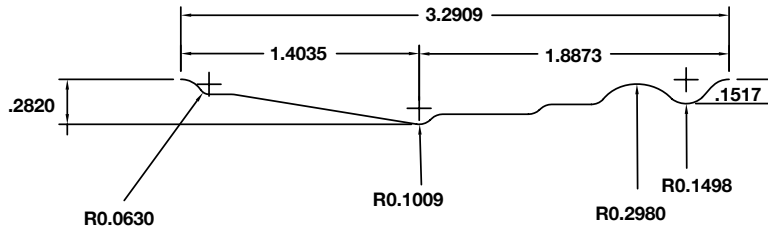
18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



NOMINAL DOOR WIDTH	A DIM.
2’8”	4-25/64”
3’0”	6-25/64”

NOMINAL DOOR HEIGHT	B DIM.	C DIM.
6’8”	5-3/8”	8-3/4” NOT ADA COMPLIANT (STANDARD)
6’8”	4-3/8”	9-3/4” ADA COMPLIANT (OPTIONAL)
7’0”	7-3/8”	10-3/4”
8’0”	13-3/8”	16-3/4”

PROFILE



- UP TO 3 HOUR FIRE RATING
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
“A” BEVEL, “B” BEVEL, NON-HANDED

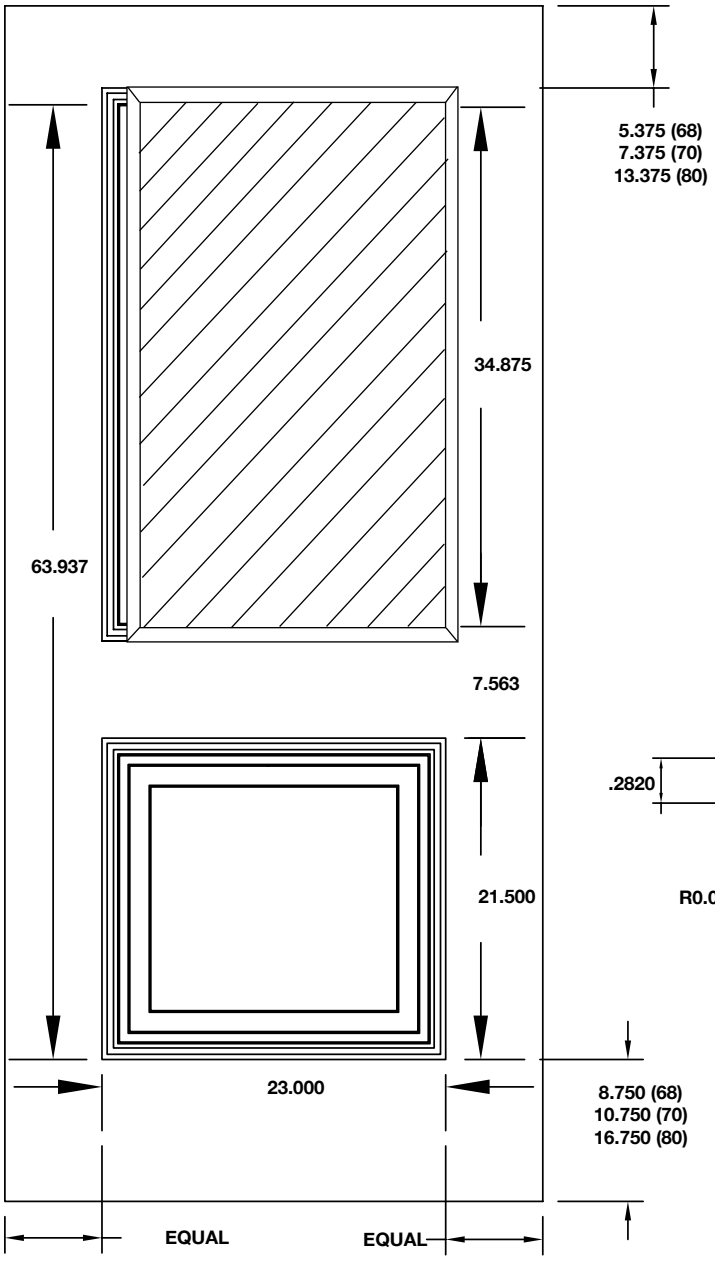
* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

** THE BOTTOM RAIL DIMENSION WILL INCREASE BY 1” AND THE TOP RAIL WILL DECREASE BY THE SAME AMOUNT WHEN ADA COMPLIANT DOORS ARE REQUESTED (6-8 LENGTH ONLY).

NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

HIGH DEFINITION 2PHG PANEL DOOR

18 GA. (1.1) A40 GALVANNEALED
STANDARD POLYSTYRENE CORE
OPTIONAL POLYURETHANE CORE +



- UP TO 90 MINUTE FIRE RATING
- CYLINDRICAL LOCKS *
- MORTISE LOCKS * ON 3-0 WIDTH ONLY
- AVAILABLE IN 2-8 AND 3-0 WIDTHS
- AVAILABLE IN 6-8 **, 7-0 AND 8-0 LENGTHS

BEVELS AVAILABLE
"A" BEVEL, "B" BEVEL, NON-HANDEED

* VERIFY HARDWARE ADAPTABILITY TO EMBOSSED PANEL DESIGN

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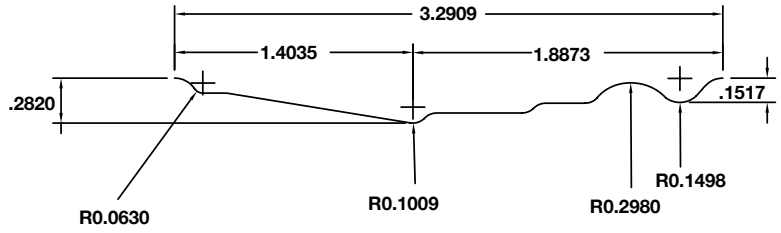
PROFILE

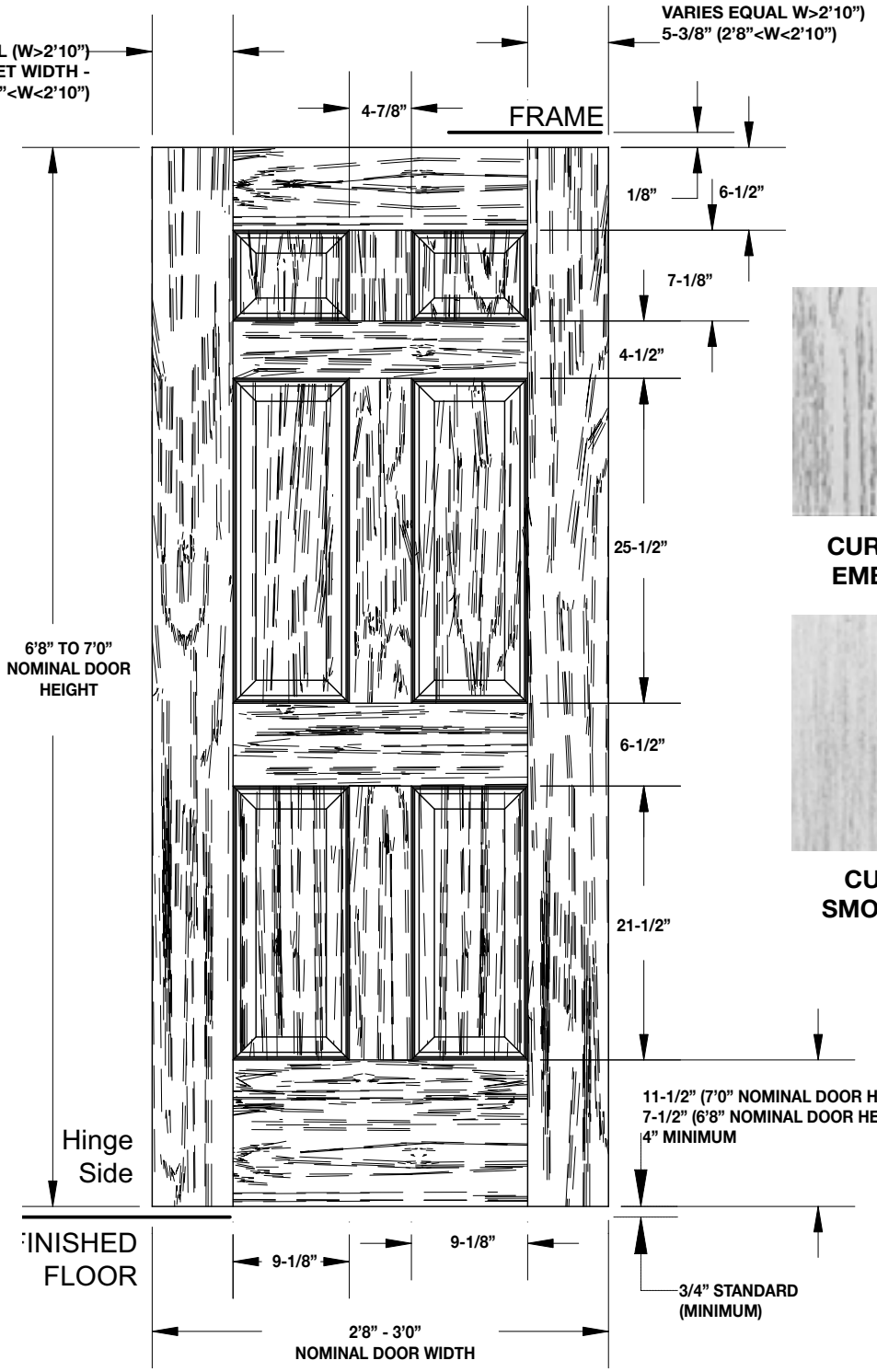


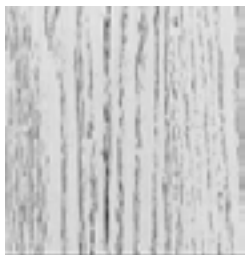
NOTE: SEAMLESS EDGE OPTION AVAILABLE
+ MAXIMUM 3070 CAN BE FIRE RATED

E6 CURRISTAIN AND CURRISTAIN SMOOTH GRAIN SIX PANEL DOOR

Ⓛ

18 GA. GALVANNEALED





CURRISTAIN EMBOSSED

CURRISTAIN SMOOTH GRAIN

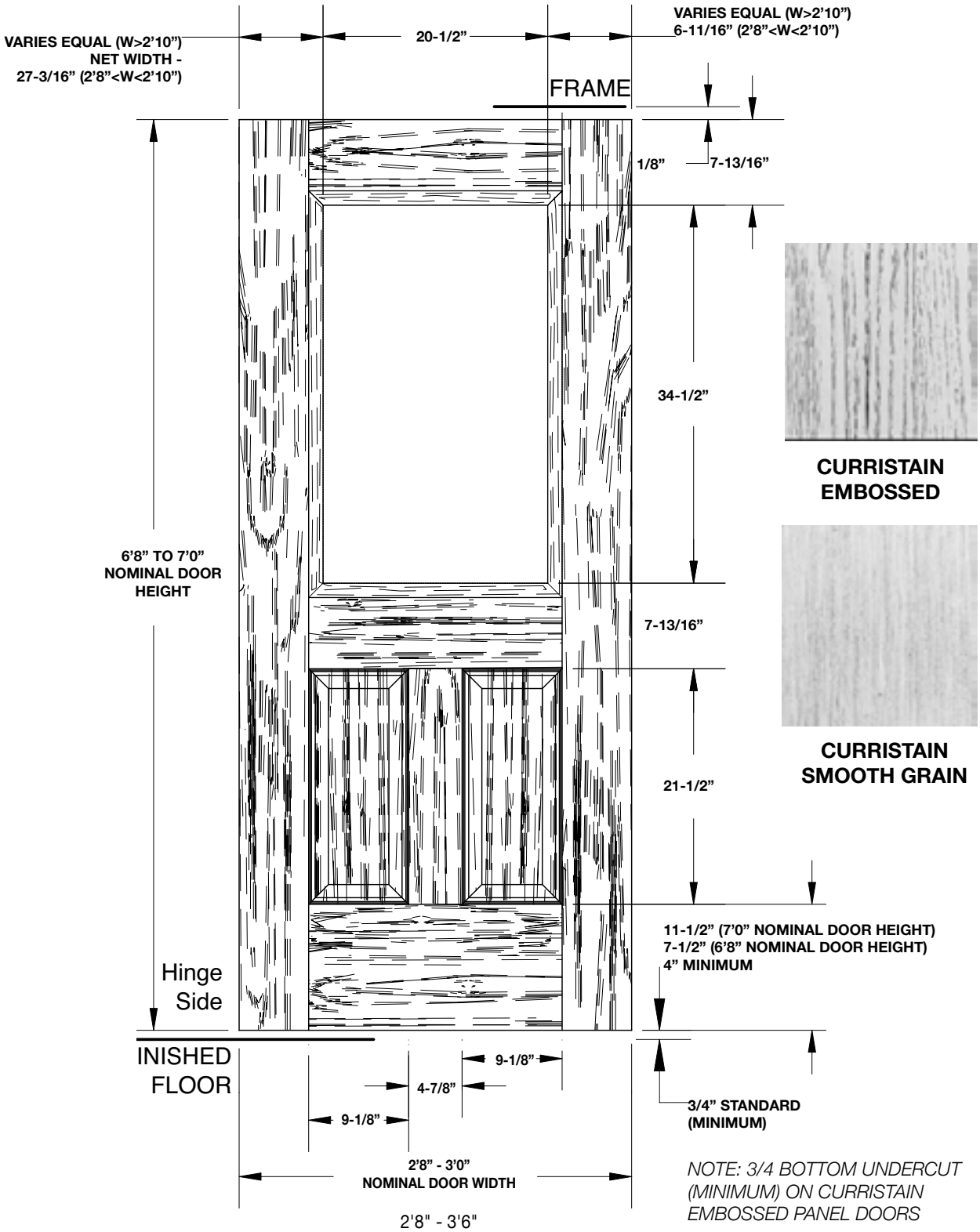
2'8" - 3'6"
SMOOTH GRAIN NOMINAL DOOR WIDTH

NOTE: 3/4 BOTTOM UNDERCUT (MINIMUM) ON CURRISTAIN EMBOSSED PANEL DOORS.

E6HGS CURRISTAIN AND CURRISTAIN SMOOTH GRAIN (SG) SIX PANEL HALF GLASS

Ⓛ

18 GA. GALVANNEALED



CURRISTAIN EMBOSSED

CURRISTAIN SMOOTH GRAIN

NOTE: 3/4 BOTTOM UNDERCUT (MINIMUM) ON CURRISTAIN EMBOSSED PANEL DOORS

2'8" - 3'6"
SMOOTH GRAIN NOMINAL DOOR WIDTH

STC 40-47 SOUND DOOR CONSTRUCTION

STC 40-47 OPERABLE
TESTED TO: ASTM E90-09, E413-04, E1332-90, AND E2235
BUILT IN COMPLIANCE WITH SDI 128 AND HMMA 865-03

FLUSH ONLY
HANDED DOORS ONLY
3/8" UNDERCUT ONLY
NON-RATED ONLY
1-3/4" THICK

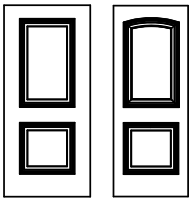
FRAMES:
MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 GAUGE OR 14 GAUGE. MUTES ARE NOT ALLOWED. FRAMES MUST BE GROUTED TO ACHIEVE STC RATING.

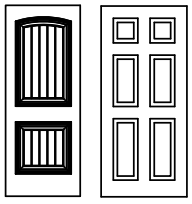
HARDWARE ALLOWED

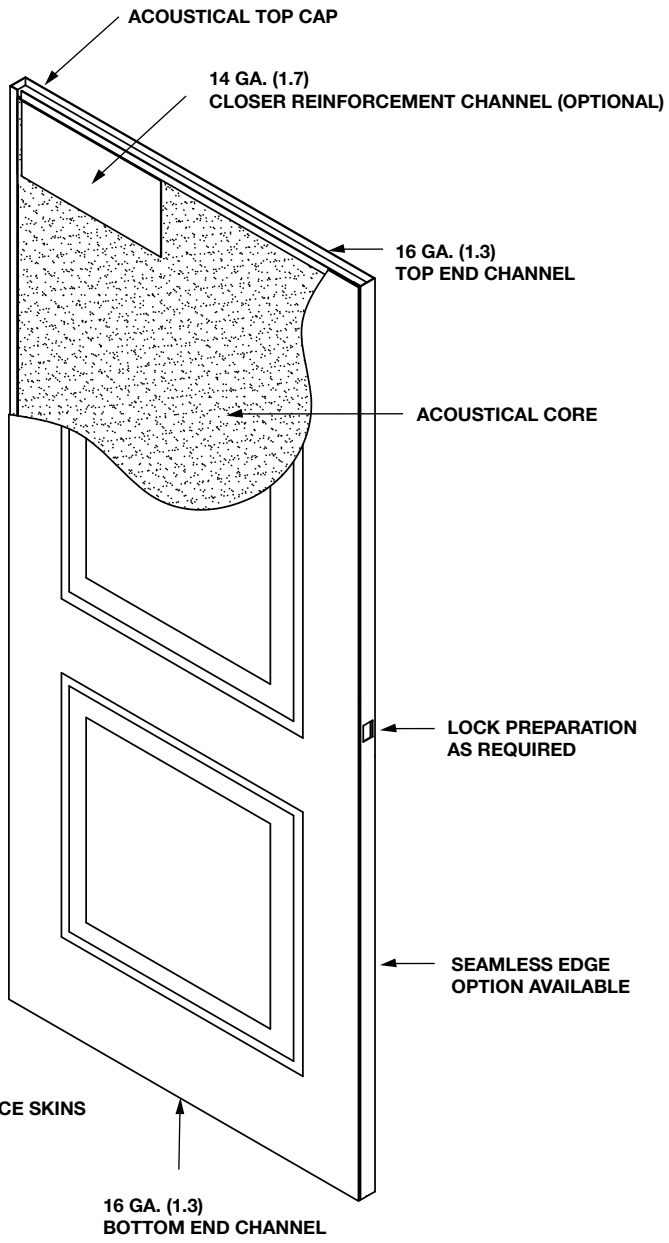
HINGES:
- 4-1/2" STANDARD OR HEAVY
- 5" STANDARD OR HEAVY
- OFFSET PIVOTS
- CAMLIFT

LOCKS:
- CYLINDRICAL
- MORTISE
- RIM EXIT

EMBOSSED PANEL DESIGNS







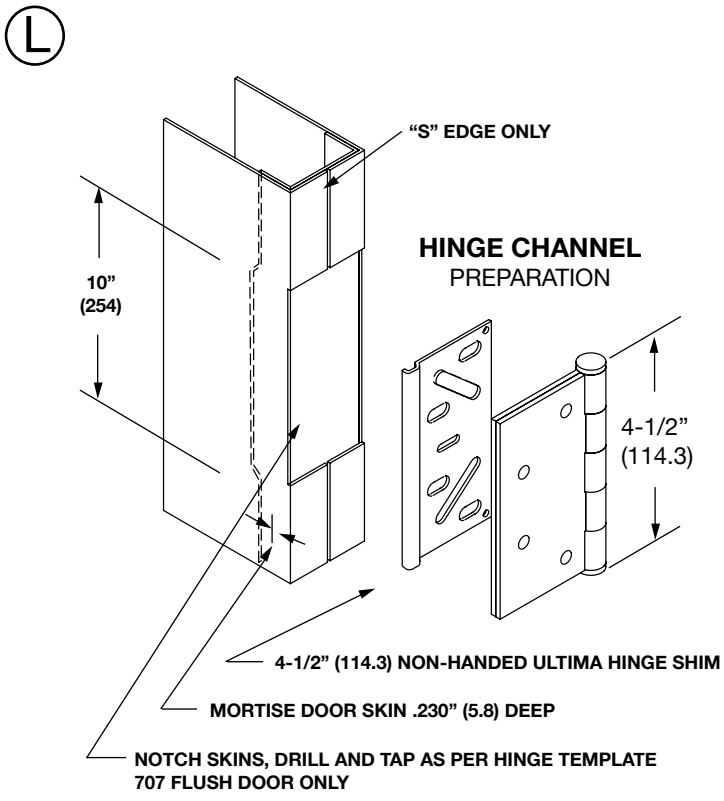
** SEE INSTALLATION INSTRUCTIONS FOR MORE DETAILS*

6-PANEL
MINIMUM SIZE - 2'6" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 7'0" SINGLE

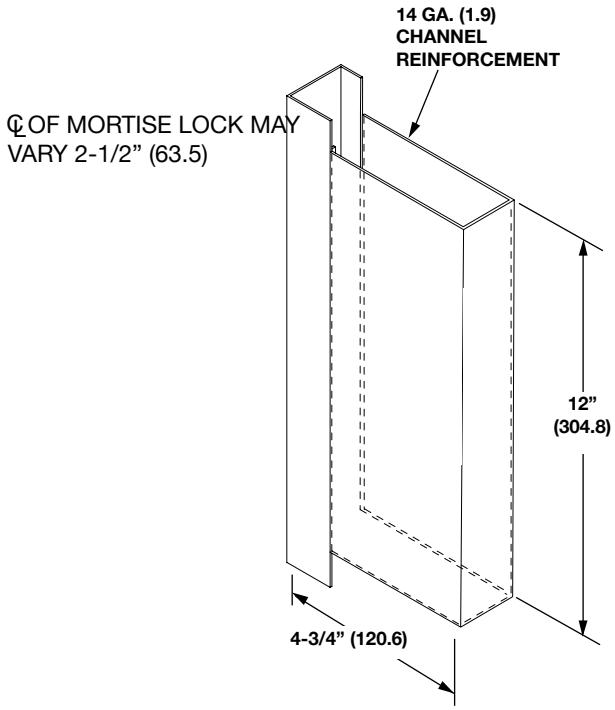
2-PANEL
MINIMUM SIZE - 2'8" X 6'8" SINGLE
MAXIMUM SIZE - 3'0" X 8'0" SINGLE

	STC RATING	LOCK TYPE	DOOR DESIGN	UNDERCUT	MAX. FIRE RATING	SEAL SET	SEAL SET DESCRIPTION
SINGLE DOORS	47	CYLINDRICAL	6 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	46	CYL/MORT	6 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	46	CYLINDRICAL	2 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	45-40	CYL/MORT/ RIM	6 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	45	CYL/MORT	2 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD
	44-40	CYL/MORT/ RIM	2 PANEL	3/8"	45 MINUTE	A	PEMKO SEALS: S88, S44, S773, S771, ACP112, 2005 THRESHOLD

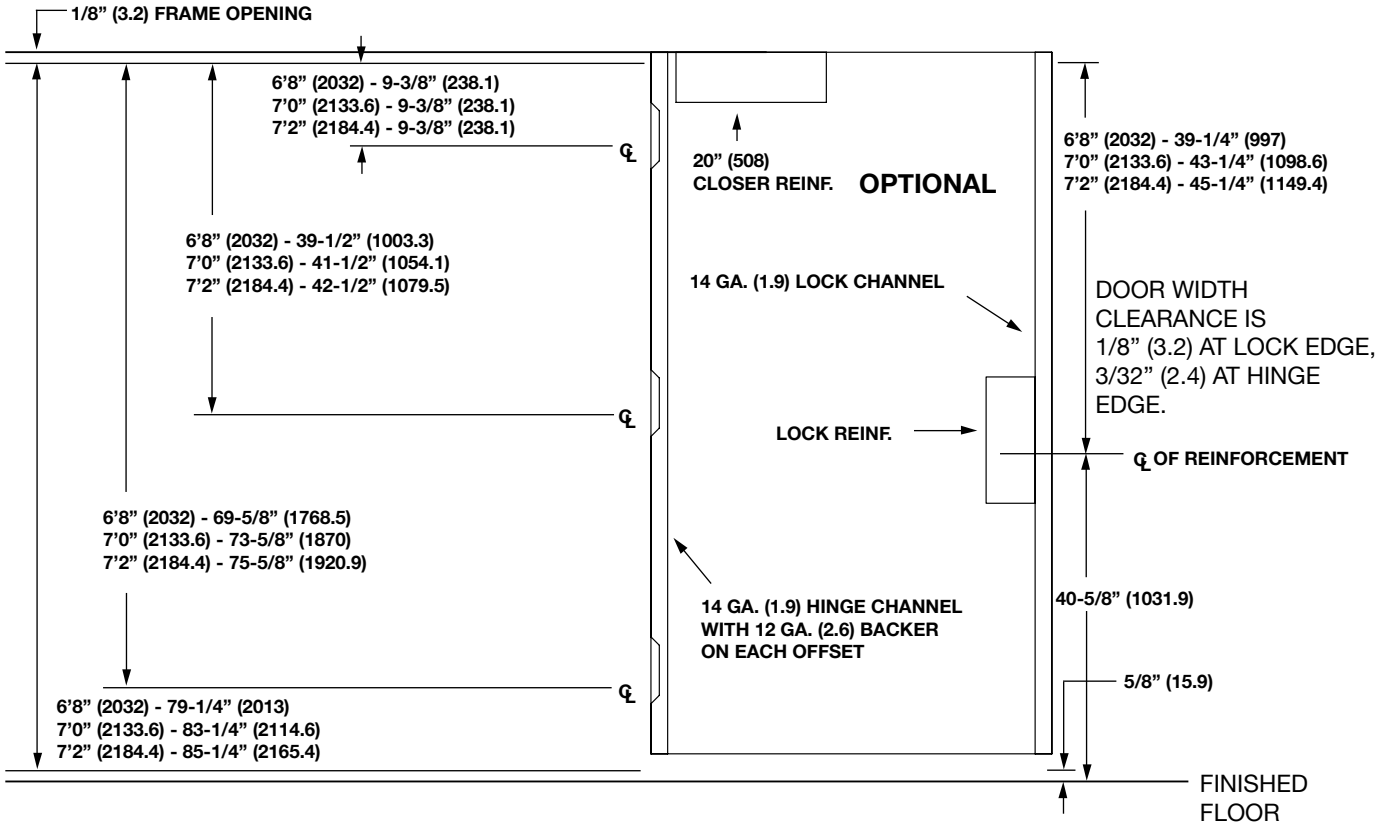
REPLACEMENT DOOR



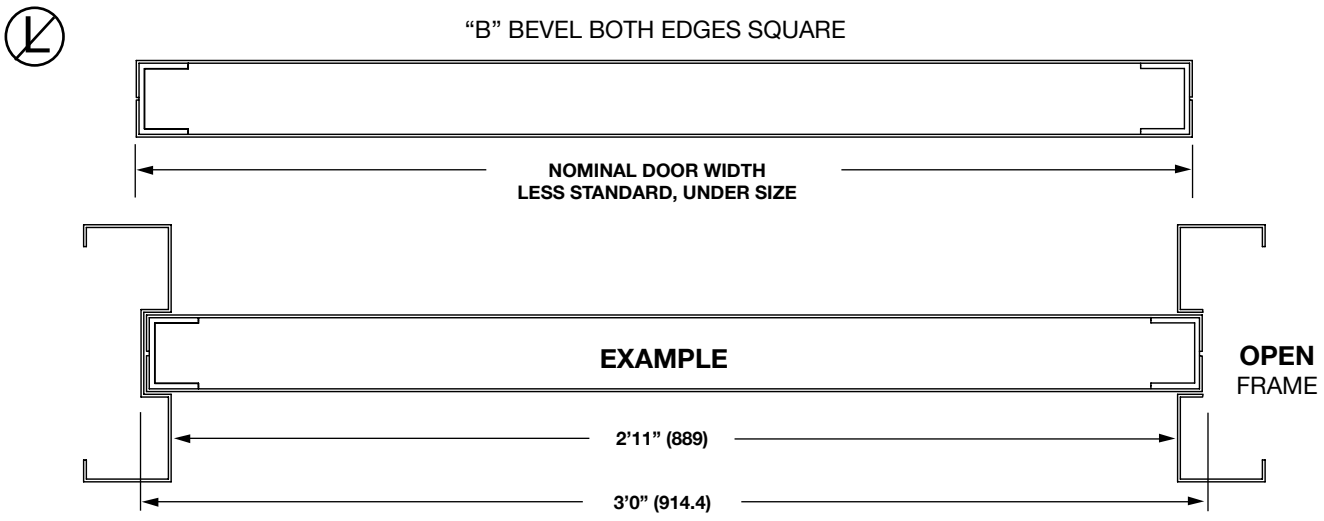
G3ARO
MORTISE LOCK REINFORCEMENT

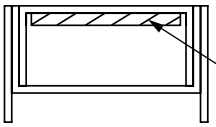


HINGE RAIL OFFSET IS 10" LONG AT EACH LOCATION



POCKET DOOR





TOP OF
DOOR

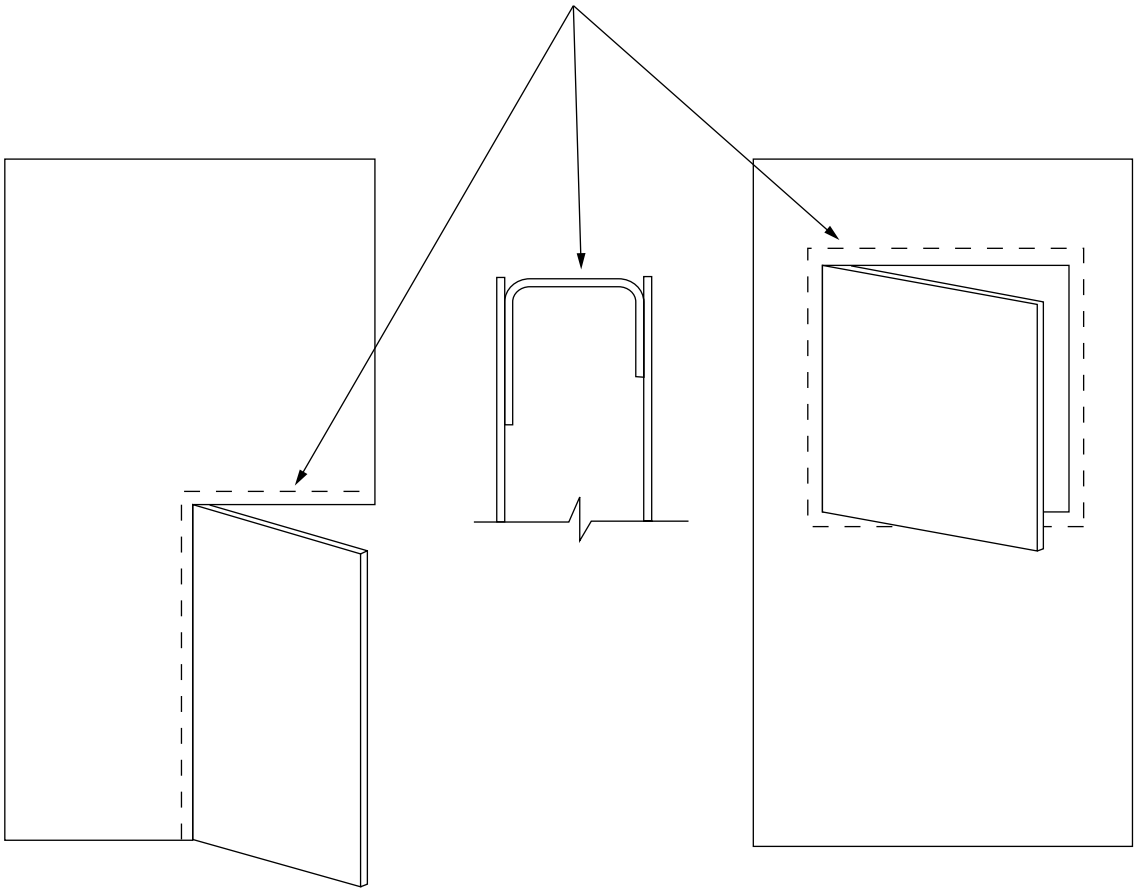
NOMINAL 3'0" (914.4) POCKET DOOR AND FRAME HAS A NET 2'11" (889) FRAME OPENING.

12 GA. (2.6) STANDARD OR 7 GA. (4.5) REINFORCEMENT AVAILABLE INSTALLED FULL WIDTH OF DOOR TOP CAP.
VERIFY HARDWARE HANGER ADAPTABILITY TO REINFORCEMENT AND FRAME OPENING

WICKET DOORS

- DOOR IN A DOOR - 2 DOORS
- USE NEXT SIZE DOOR UP FOR EACH DOOR.
- LARGER DOOR MUST BE 747 CONSTRUCTION.
- MOST HINGE AND LOCK PREPARATIONS ARE AVAILABLE.
- EACH WICKET DOOR ASSEMBLY MUST BE ENGINEERED FOR PRACTICAL APPLICATION AND CLEARANCES TO ENSURE QUALITY PRODUCT SATISFACTION.

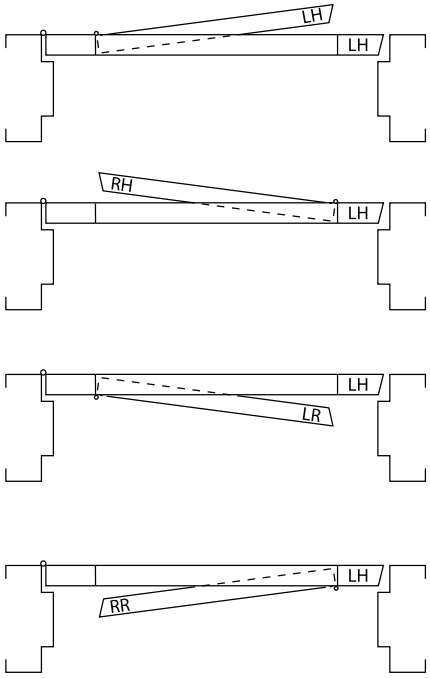
14 GA. (1.9) CHANNEL SURROUND FLUSH WITH SEAM EDGE NEXT TO SKINS

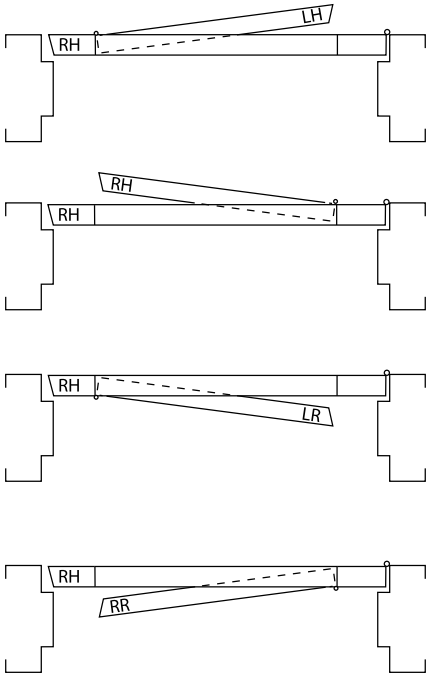


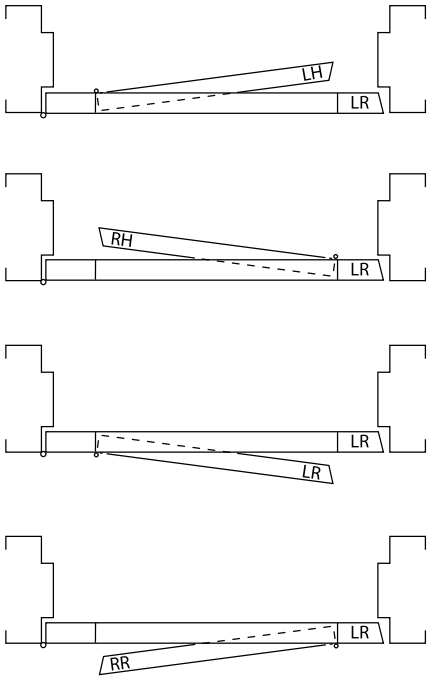
MAN DOOR

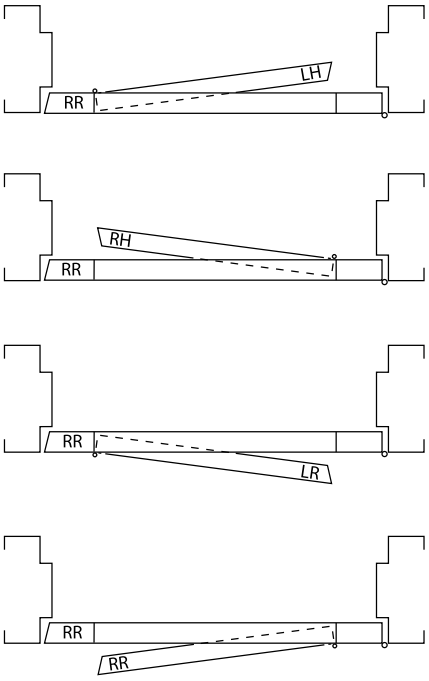
PASS THRU DOOR

WICKET DOOR HANDING









BEVELS (DOOR EDGE)

Ⓛ

SQUARE

1/8” IN 2” BEVEL
(3.2) IN (50.8)

STANDARD DOOR BEVEL

SQUARE

SQUARE

DOOR BEVEL (NON-HANDED)
POCKET DOOR, TRANSOM PANEL,
SIDELITE PANEL

1/8” IN 2” BEVEL
(3.2) IN (50.8)
WITH 1/4” (6.4) RADIUS
LOW SIDE

1/8” IN 2” BEVEL
(3.2) IN (50.8)

REQUIRED WITH ALL OFFSET PIVOT HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

2-5/8” (66.8)
RADIUS OR
**HARDWARE WILL DETERMINE THE RADIUS*

2-5/8” (66.8)
RADIUS
RADIUS SHOULD
MATCH HINGE EDGE

BULL NOSE BOTH ENDS (“N” OR “T” EDGE ONLY)
REQUIRED WITH SOME DOUBLE ACTING HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

2-5/8” (66.8)
RADIUS

SQUARE

BULL NOSE BOTH ENDS (“N” OR “T” EDGE ONLY)
REQUIRED WITH DOUBLE ACTING HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY

1/8” IN 2” BEVEL
(3.2) IN (50.8)

1/8” IN 2” BEVEL
(3.2) IN (50.8)

SPECIAL DOOR BEVEL
(DOUBLE BEVEL)

BEVELS (DOOR EDGE)

RECESSED HINGE EDGE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

FOR POCKET PIVOTS

RECESSED HINGE EDGE

SQUARE

FOR POCKET PIVOTS

847 - 857 - SECURITY DOOR BEVELS

2" DOOR

1/8" IN 2" BEVEL
(3.2) IN (50.8)

1/8" IN 2" BEVEL
(3.2) IN (50.8)

STANDARD DOOR BEVEL
(DOUBLE BEVEL)

SQUARE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

OPTIONAL DOOR BEVEL

SQUARE

SQUARE

OPTIONAL DOOR BEVEL
(NON-HANDED & HANDED) SLIDING DOORS

1/8" IN 2" BEVEL
(3.2) IN (50.8)
WITH 1/4" (6.4) RADIUS
LOW SIDE

1/8" IN 2" BEVEL
(3.2) IN (50.8)

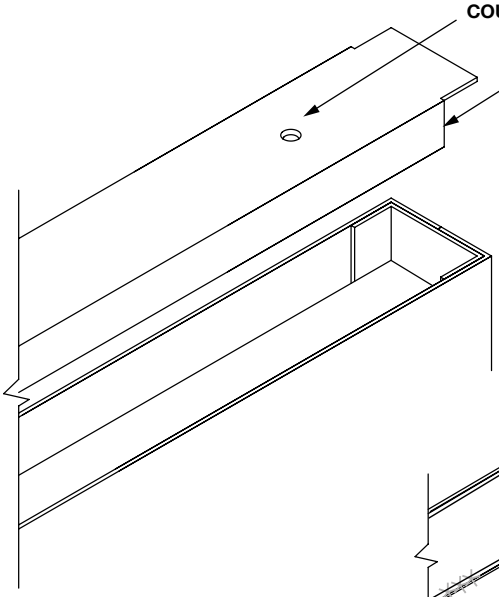
REQUIRED WITH ALL OFFSET PIVOT HARDWARE
VERIFY ALL HARDWARE ADAPTABILITY
OPTIONAL

FILLER CAPS

STEEL TOP/BOTTOM FILLER CAP

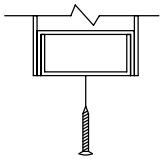
STANDARD 20 GA. (.9) GALVANEALED

SCREW APPLIED

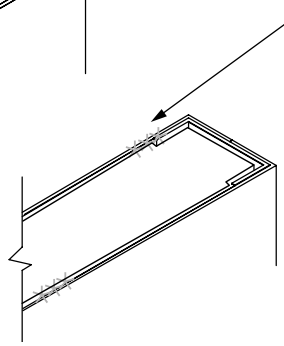


AVAILABLE FOR 1-3/4” (44.5) AND 1-3/8” (34.9) DOORS.

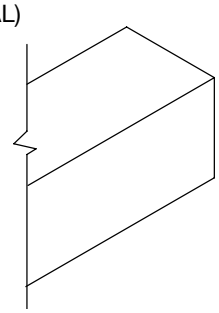
END VIEW BOTTOM CAP



WELDED (OPTIONAL)

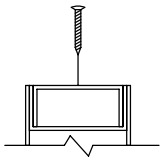


INSTALL CAP, WELD, GRIND, FILLED (OPTIONAL)



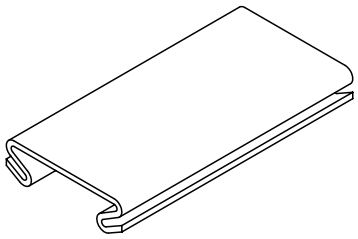
FILL AND FINISH SMOOTH

END VIEW TOP CAP



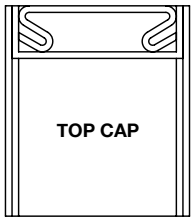
CAPS ARE RECESSED TO ALLOW FOR FILL AND FINISH

SNAP-IN STEEL TOP CAP

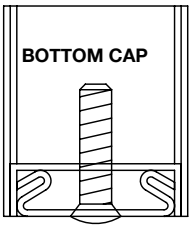


24 GA. (.6) GALVANEAL

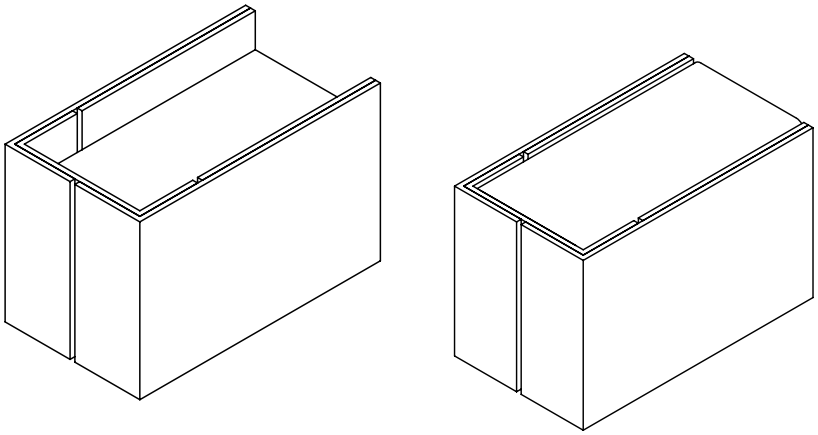
AVAILABLE FOR 1-3/4" (44.5) DOORS ONLY.
607 AND 707 SERIES WITH 14 GAUGE HINGE CHANNEL.

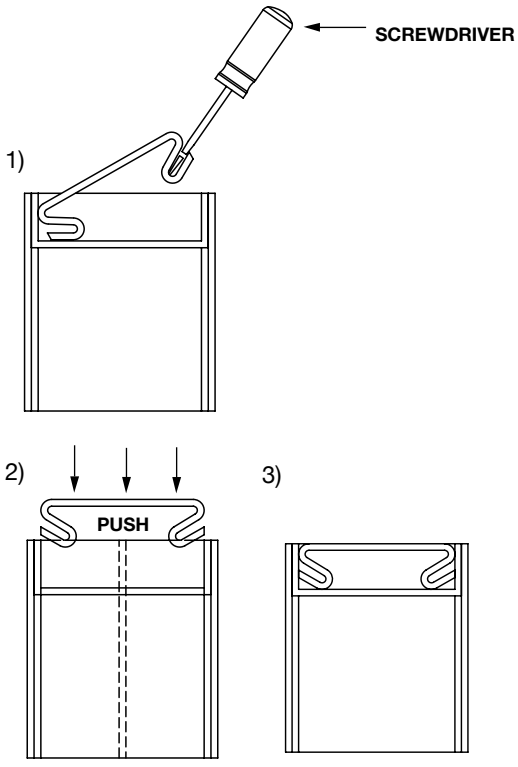


END VIEW



SCREW
RECOMMENDED





INSTALLATION INSTRUCTIONS

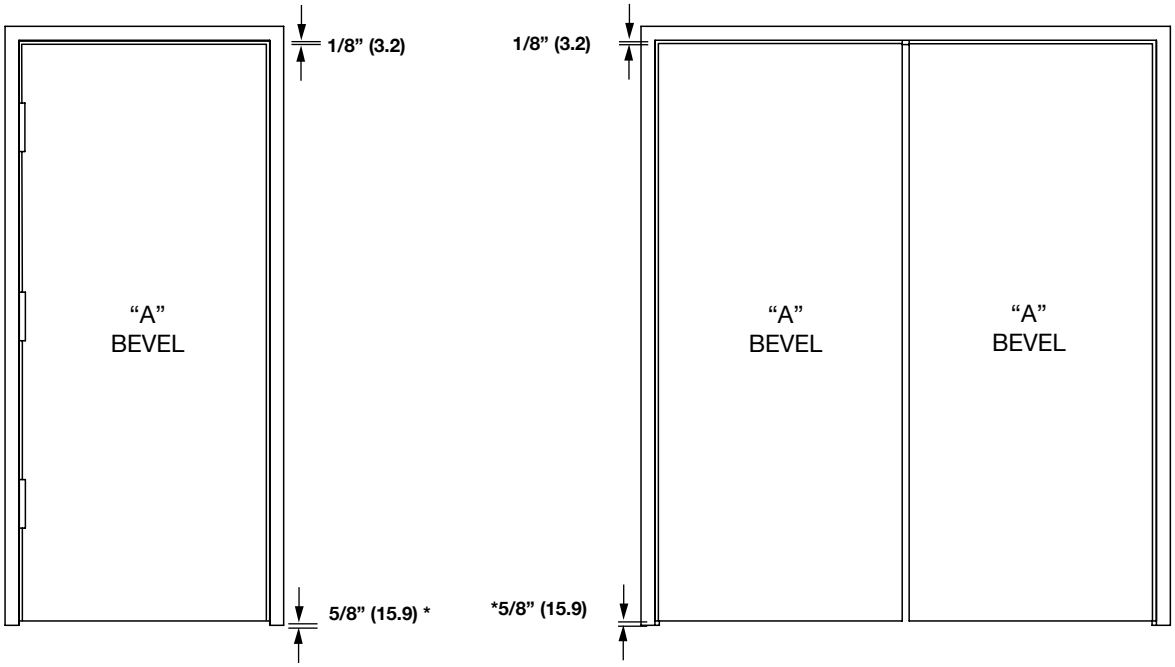
1) PLACE ONE LEG OF THE TOP CAP 1/8" INTO THE THROAT OF THE END CHANNEL. PLACE A STRAIGHT BLADE SCREW DRIVER IN THE BEND RADIUS AT ONE END OF THE TOP CAP AS SHOWN. USING A HAMMER TAP ON THE SCREW DRIVER TO START THE TOP CAP INTO THE THROAT OF THE END CHANNEL. PROCEED BY INCREMENTS FROM ONE END OF THE TOP CAP ACROSS TO THE OPPOSITE END. CARE SHOULD BE TAKEN NOT TO FORCE THE TOP CAP.

2) BOTH LEGS OF THE TOP CAP SHOULD BE COMPLETELY STARTED INTO THE THROAT OF THE END CHANNEL. THE TOP CAP CAN NOW BE PUSHED INTO THE END CHANNEL. A RUBBER HAMMER MAY BE NECESSARY TO SEAT THE TOP CAP COMPLETELY INTO THE END CHANNEL.

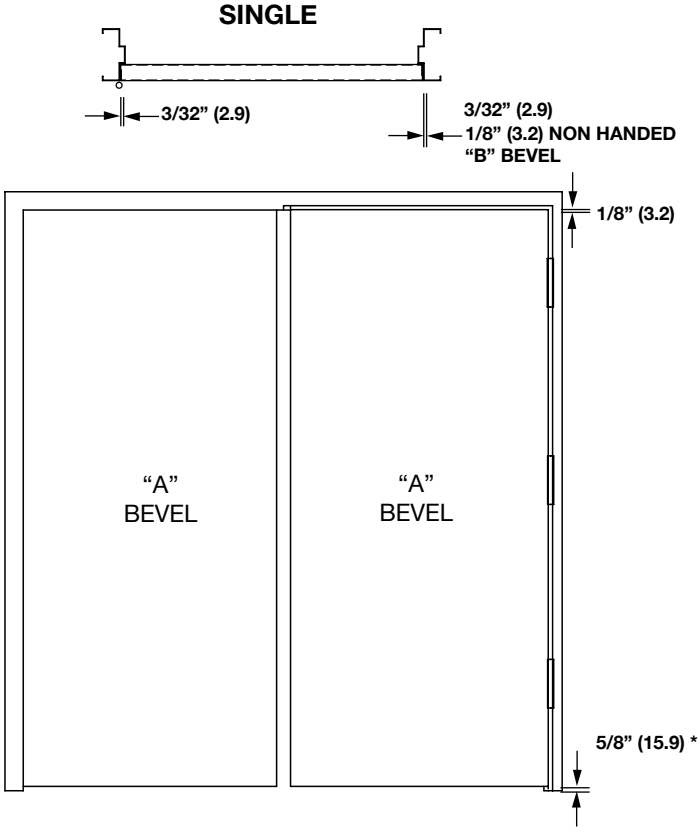
3) THE TOP CAP IS DESIGNED TO BE FLUSH TO SLIGHTLY BELOW THE LEGS OF THE END CHANNEL.

STANDARD DOOR CLEARANCES

DOORS ORDERED FOR OTHER THAN CURRIES LOCATIONS WILL GET THE STANDARD UNDERCUT OF THE SPECIFIED MANUFACTURER.

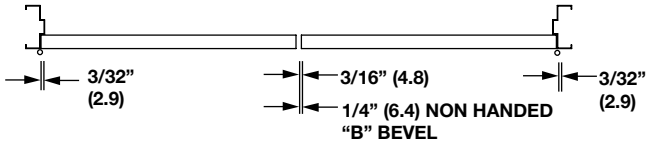


SINGLE

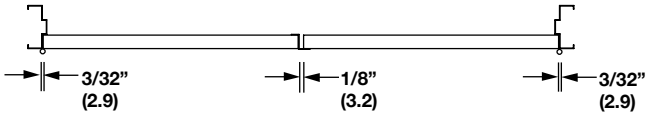


PAIR

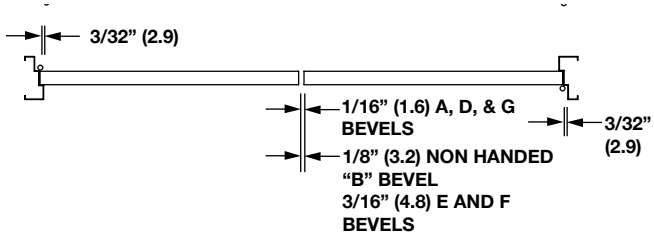
WITHOUT ASTRAGAL



WITH "Z" ASTRAGAL



DOUBLE EGRESS (E) +



** NOTE: THE 5/8" (15.9) STANDARD BOTTOM UNDERCUT SHOWN ON THE ABOVE DRAWINGS ARE FOR 1-3/4" (44.5) DOORS, 1-3/8" (34.9) DOORS HAVE A 3/4" (19.1) STANDARD BOTTOM UNDERCUT.*

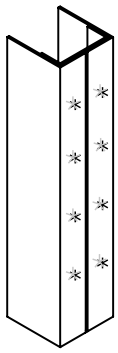
+ NOTE: E CODE (DOUBLE OPENING) DOORS ARE OVERSIZE 1/16" FROM STANDARD FOR DOUBLE EGRESS.

EDGE SEAM TYPES “S” - “N” - “T”

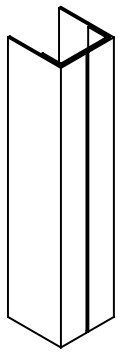
Ⓛ

VISIBLE EDGE SEAM TYPES “S”

1. SKINS ARE SPOT WELDED TO HINGE AND LOCK CHANNELS

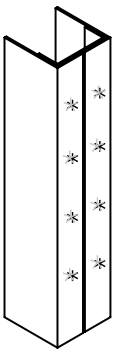


2. SPOT WELDS ARE FILLED AND GROUND SMOOTH

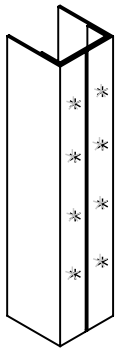


FILLED FLUSH EDGE SEAM TYPE “N”

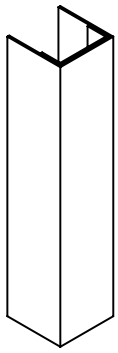
1. SKINS ARE SPOT WELDED TO HINGE AND LOCK CHANNELS



2. SPOT WELD SEAMS AT STRESS POINTS AND BETWEEN EACH “S” WELD LOCATION

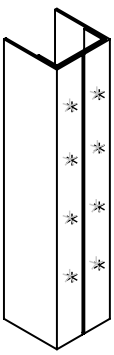


3. ALL WELDS AND SEAMS ARE FILLED AND GROUND SMOOTH

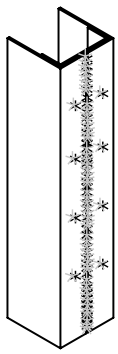


FLUSH EDGE SEAM WELDED AND FILLED TYPE “T”

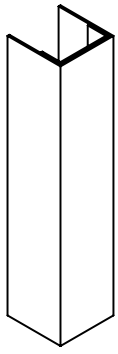
1. SKINS ARE SPOT WELDED TO HINGE AND LOCK CHANNELS



2. CONTINUOUSLY WELD SEAM FULL HEIGHT OF EDGES



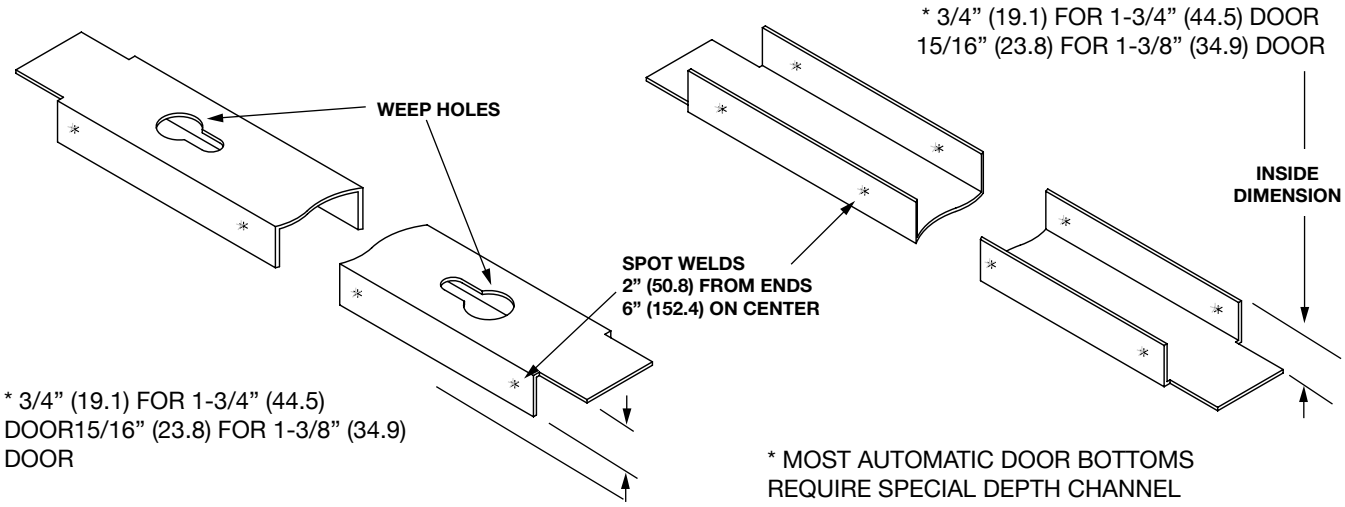
3. ALL WELDS AND SEAMS ARE FILLED AND GROUND SMOOTH



NOTE: NOT AVAILABLE ON 20 GAUGE DOORS

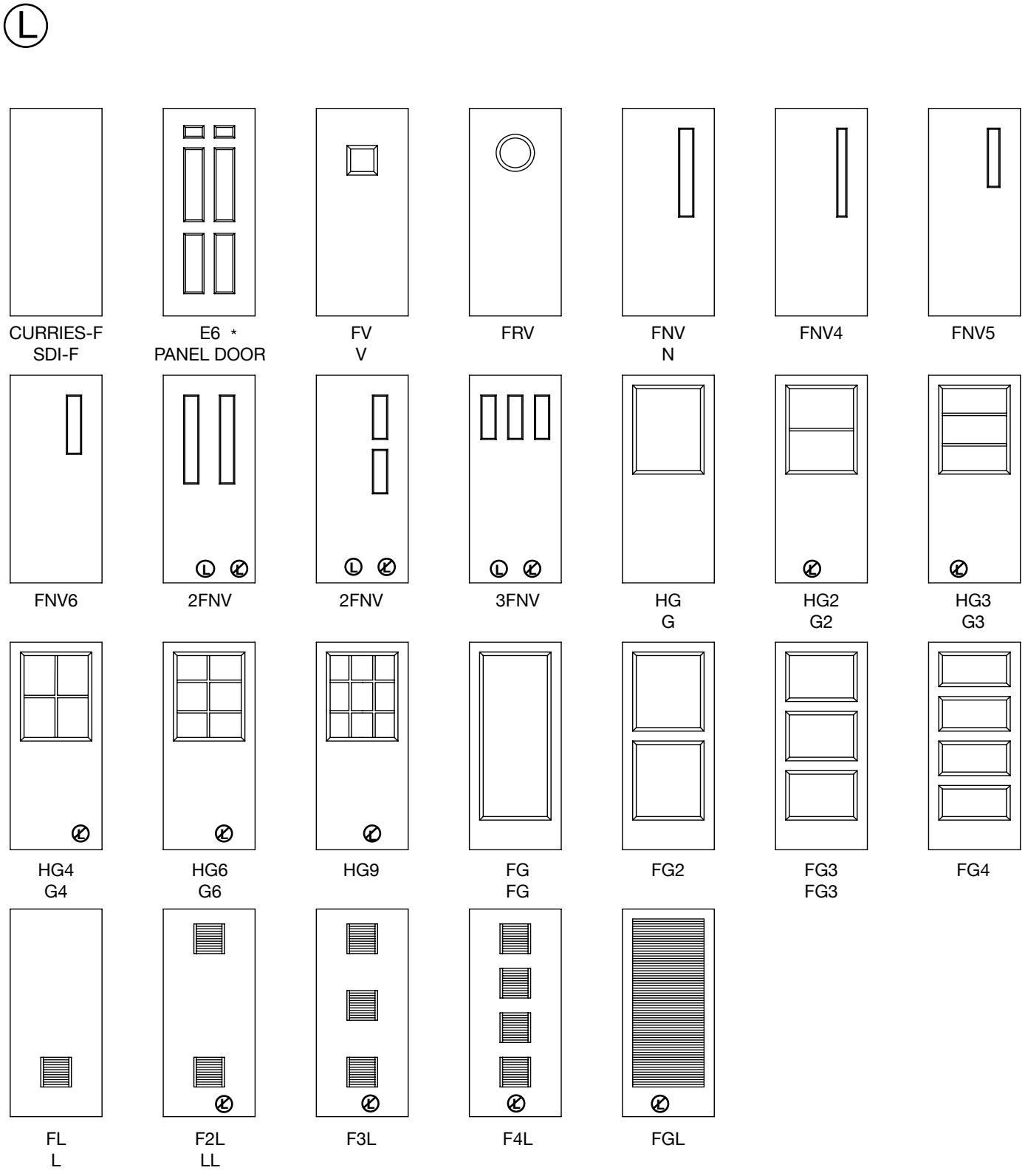
END CHANNELS

STANDARD TOP/BOTTOM END CHANNELS



NOTE - CHANNEL GAUGE MAY VARY WITH DOOR SERIES

DOOR TYPES

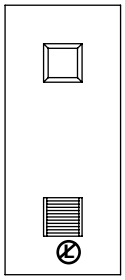


* *SEE EMBOSSED DOOR SECTION FOR MORE FACE TYPE DETAILS.*

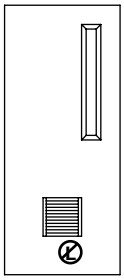
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

DOOR TYPES

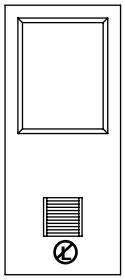
Ⓛ



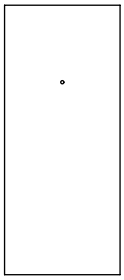
CURRIES-FVL
SDI-VL



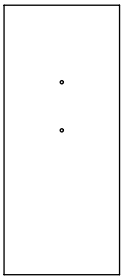
FNVL
NL



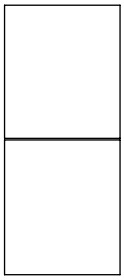
HGL
GL



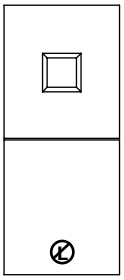
FP



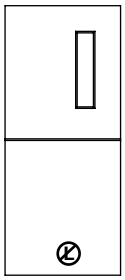
F2P



FD
D



FDFV



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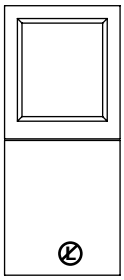

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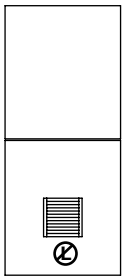

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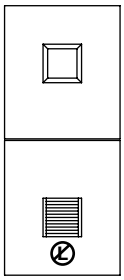
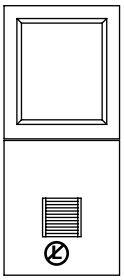


FDFVL



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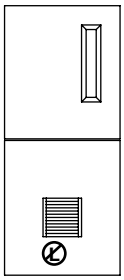
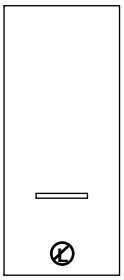
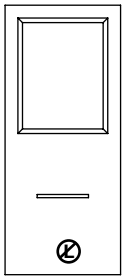


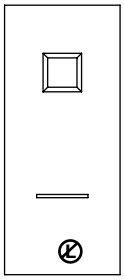
FDFNVL



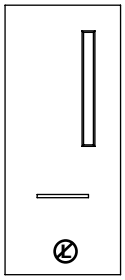
FMS



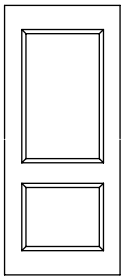
HGMS



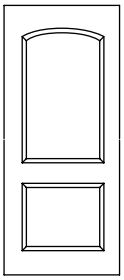
FVMS



FNVMS



2P



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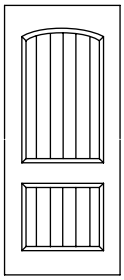
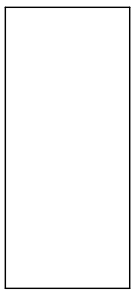


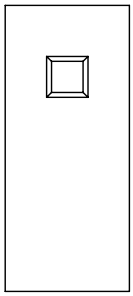
2PAP

847 DOOR FACE TYPES

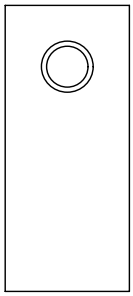
Ⓛ



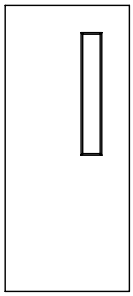
CURRIES-F
SDI-F



FV
V



FRV



FNV
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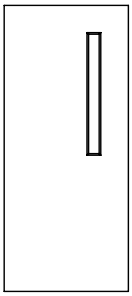
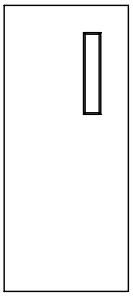
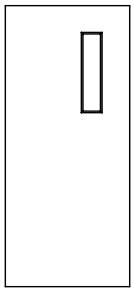


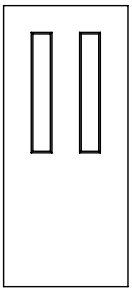
FNV4



FNV5



FNV6



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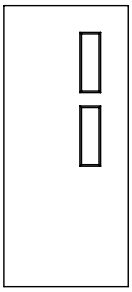

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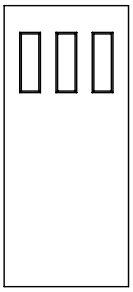
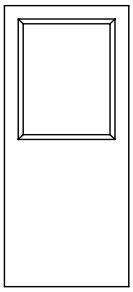
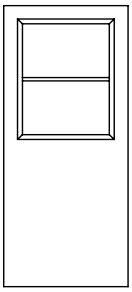


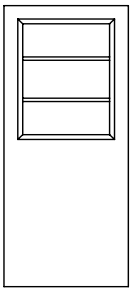
3FNV



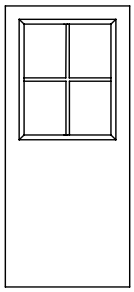
HG
G



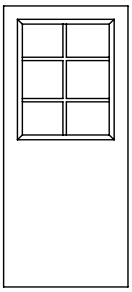
HG2
G2



HG3
G3



HG4
G4



HG6
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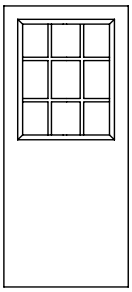
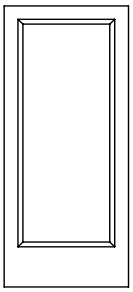
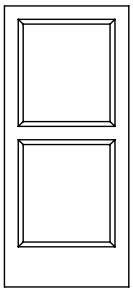


HG9



FG
FG



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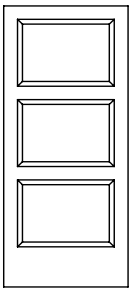
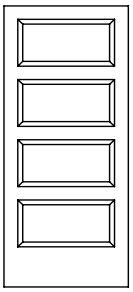
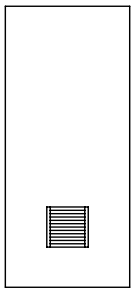


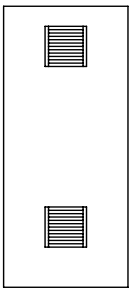
FG3
FG3



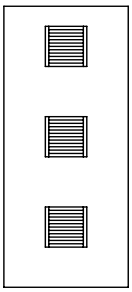
FG4



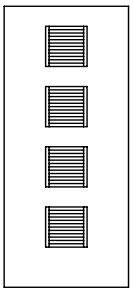
FL
L



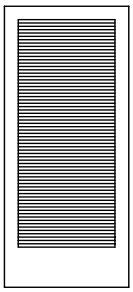
F2L
LL



F3L



F4L

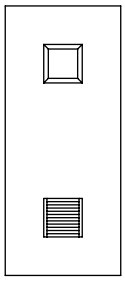


FGL

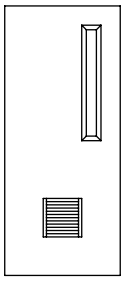
NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

847 & 857 DOOR FACE TYPES

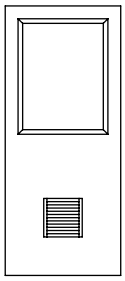
Ⓛ



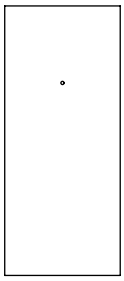
CURRIES-FVL
SDI-VL



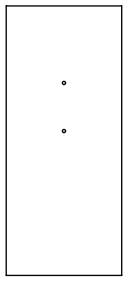
FNVL
NL



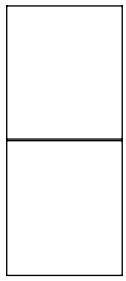
HGL
GL



FP



F2P



FD
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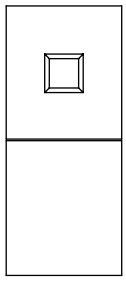
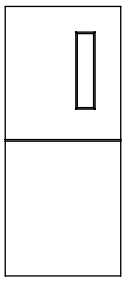
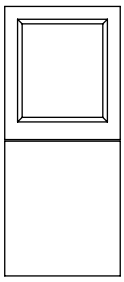


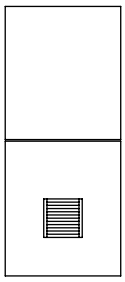
FDFV



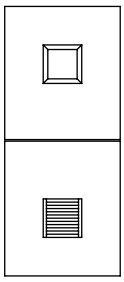
FDFNV



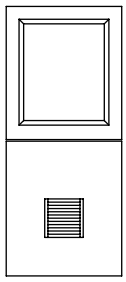
FDHG



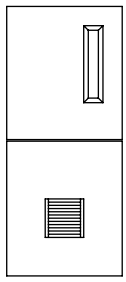
FDL



FDFVL



FDHGL



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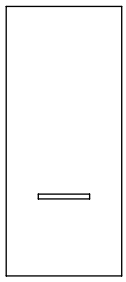
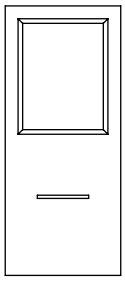
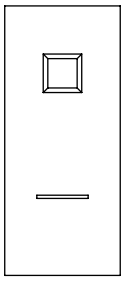


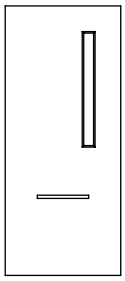
FMS



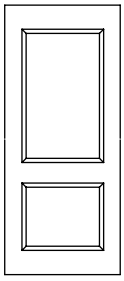
HGMS

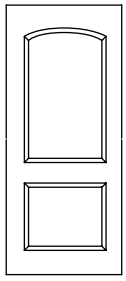


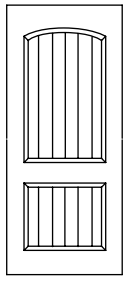
FVMS



FNVMS



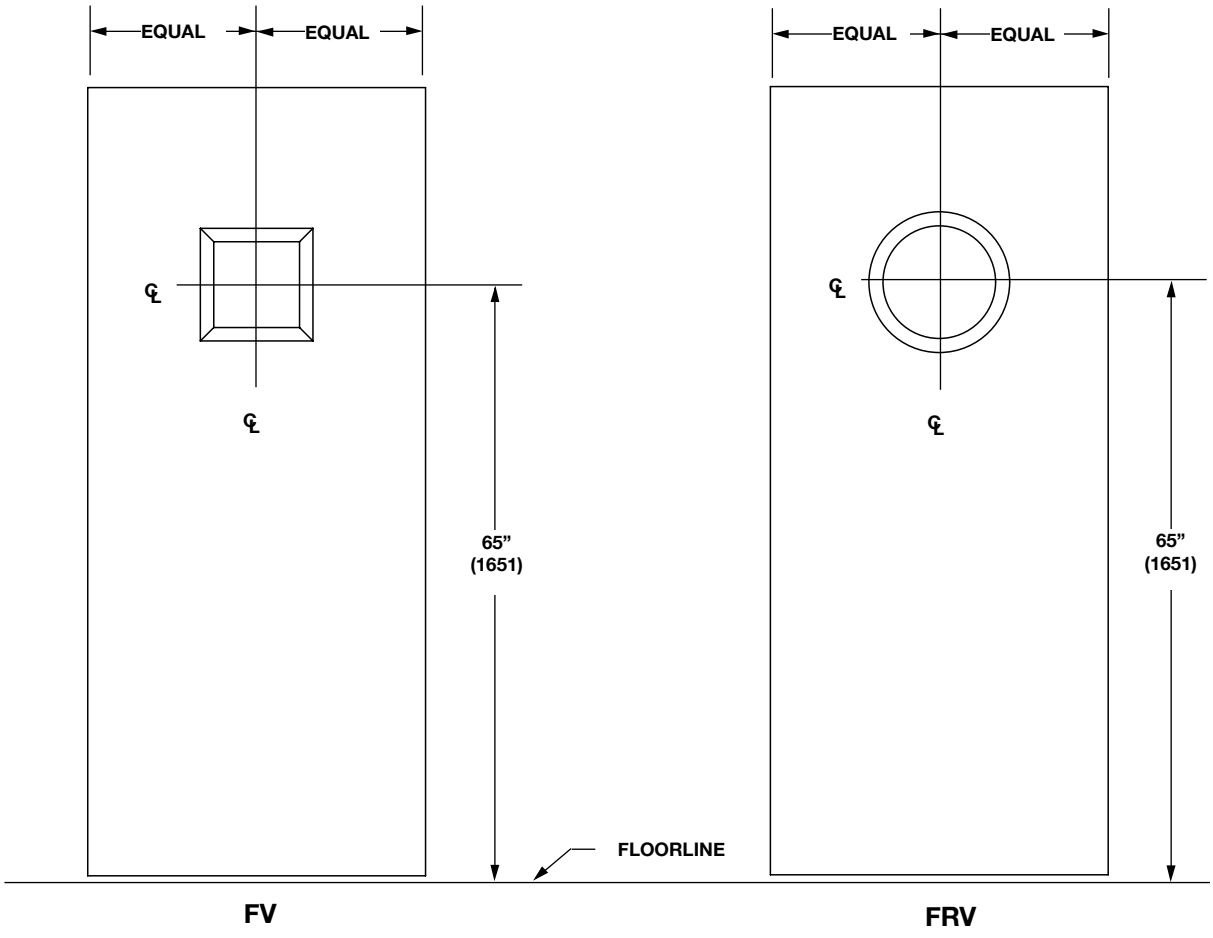




NOTE: SDI NOMENCLATURE SYMBOLS APPEAR UNDER CURRIES SYMBOLS WHERE APPLICABLE

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FV, FRB

TYPE 1 & 2 WINDOW MOULDING

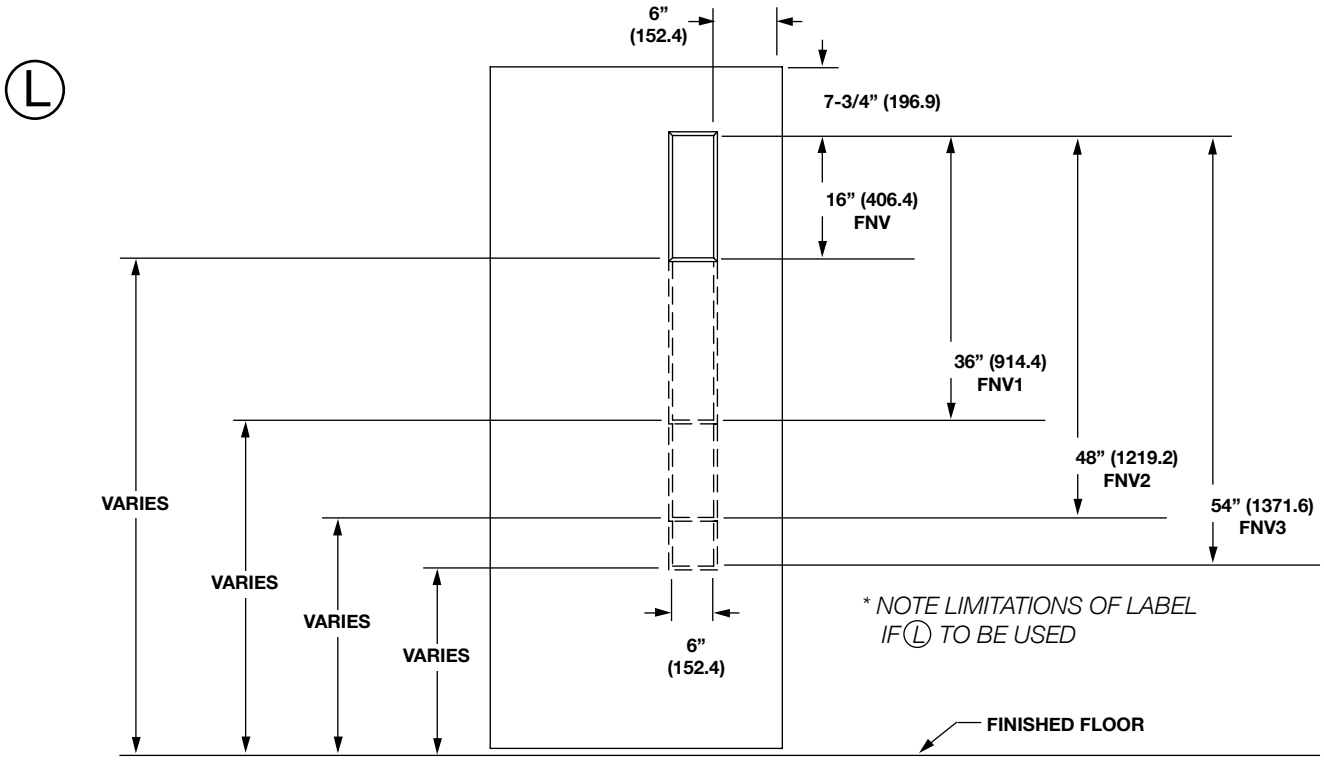


FV	10” (254) X 10” (254)
FV1	12” (304.8) X 12” (304.8)
FRV	12” (304.8) DIA. CUTOUT VISIBLE = 10”
FRV1	18” (457.2) DIA. CUTOUT VISIBLE = 16”
FRV2	24” (609.6) DIA. CUTOUT VISIBLE = 22”

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FNV

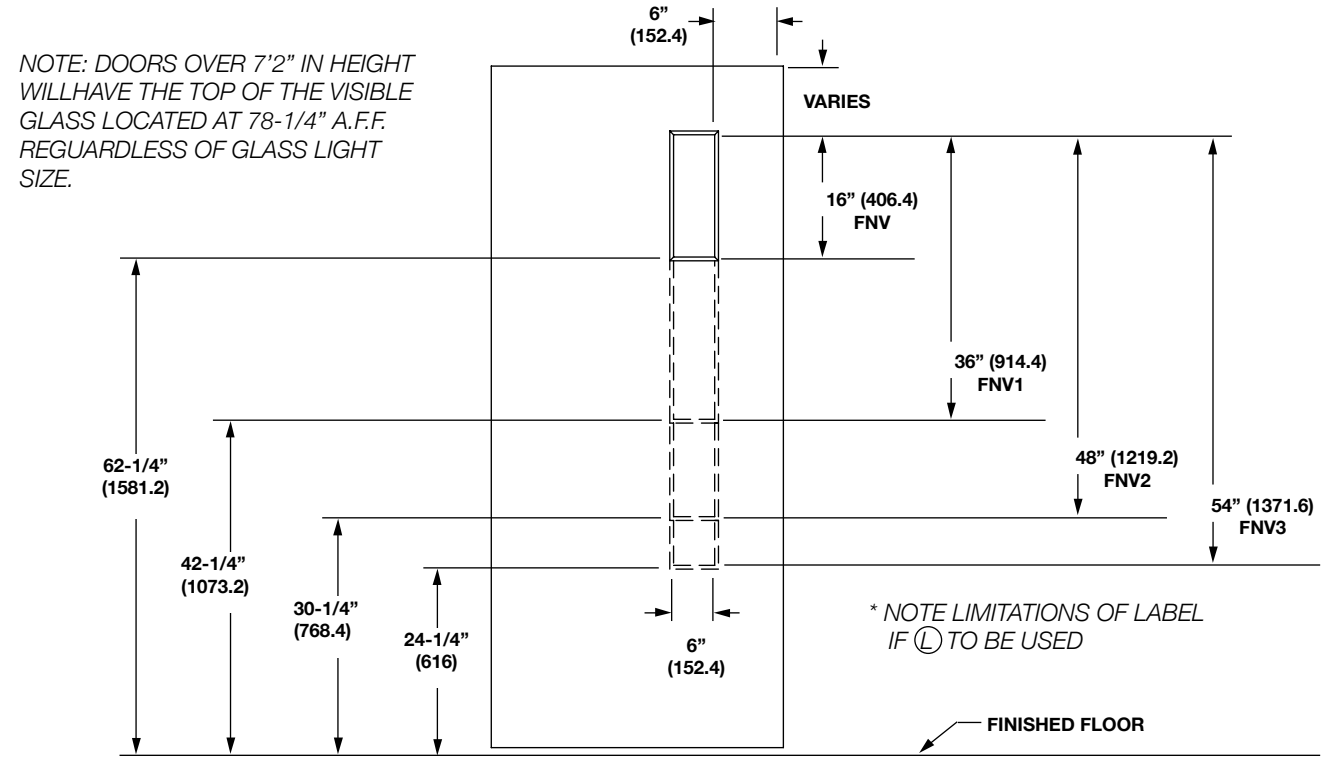
TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)

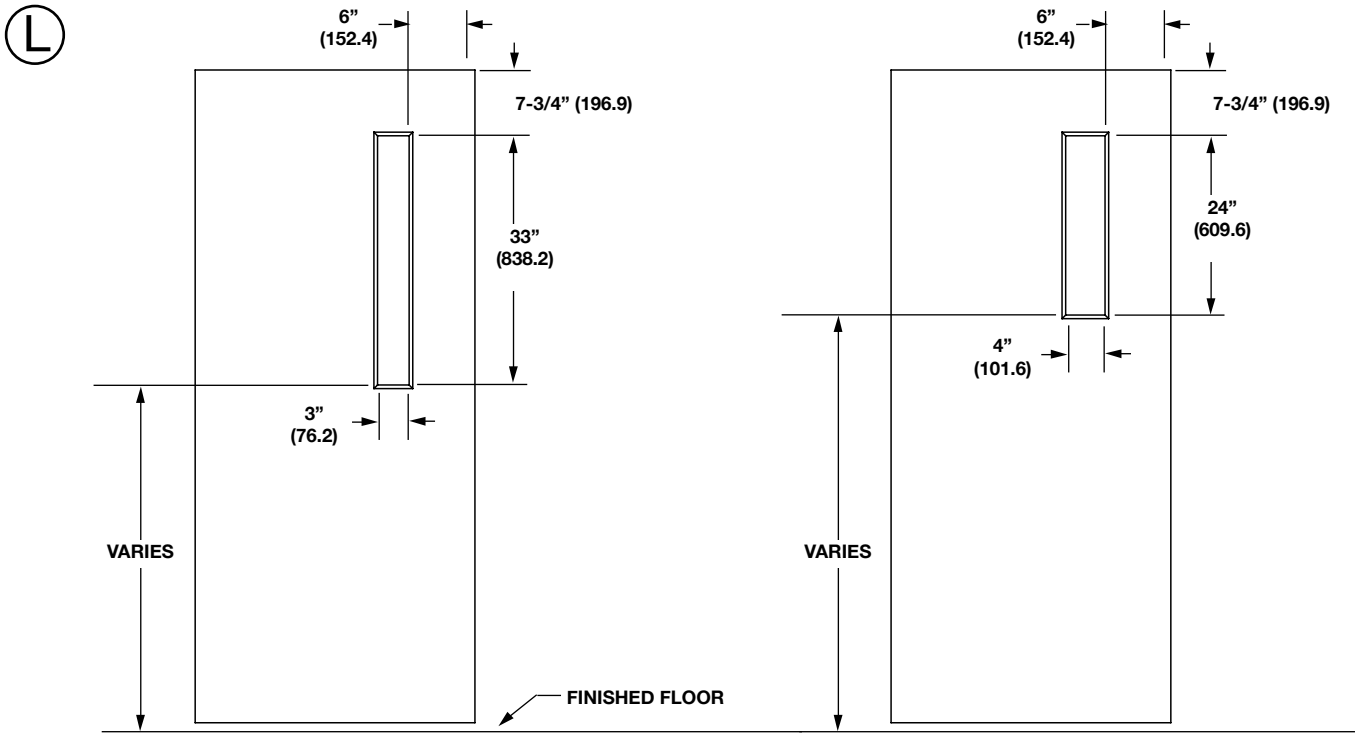
NOTE: DOORS OVER 7'2" IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78-1/4" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.



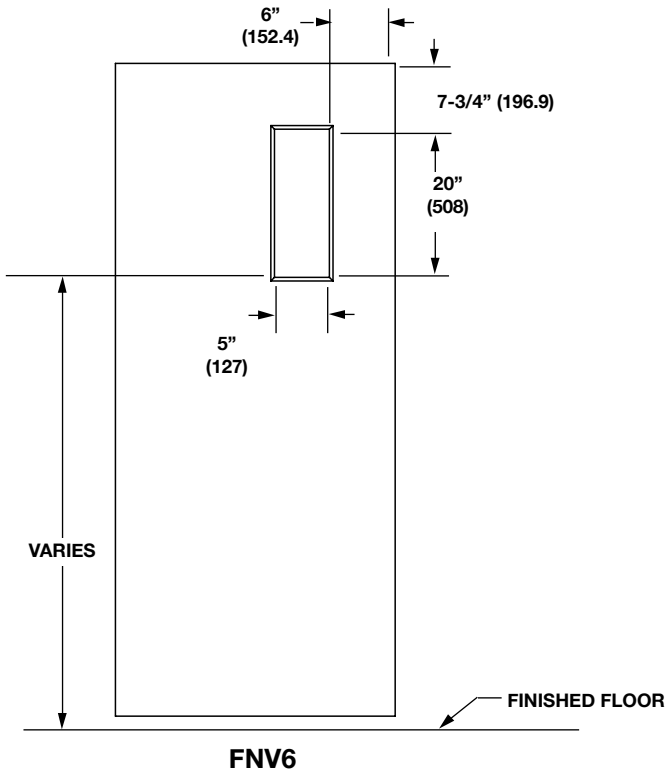
GLASS SIZES (VISIBLE) AND LITE LOCATIONS FNV

TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FORDOORS 7’2” (2184.4) AND UNDER



FNV4 **FNV5**



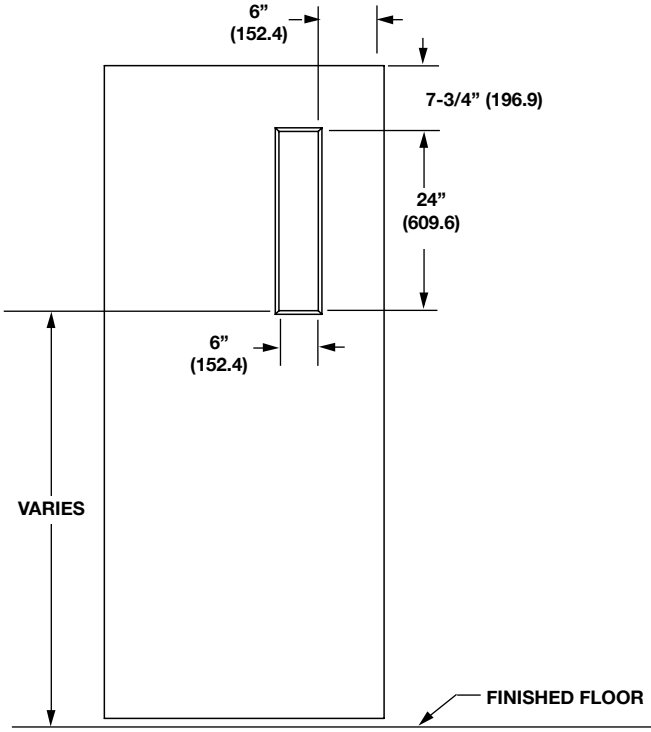
FNV6

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FNV

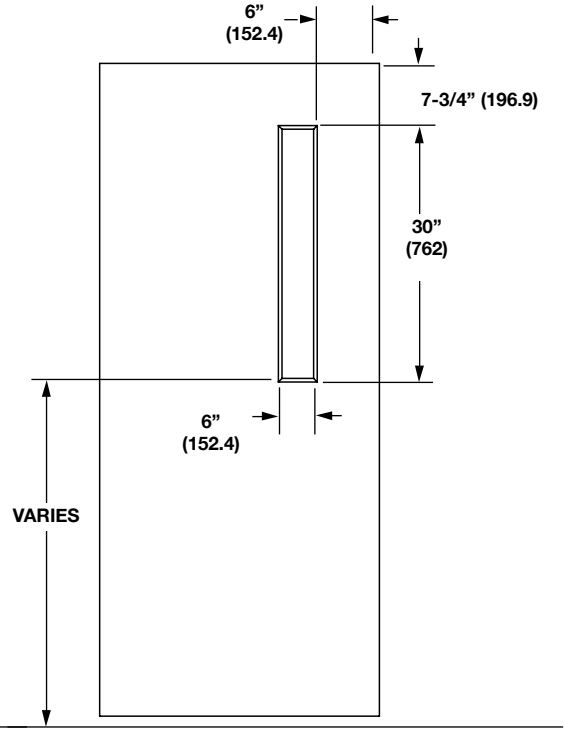
TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FORDOORS 7'2" (2184.4) AND UNDER

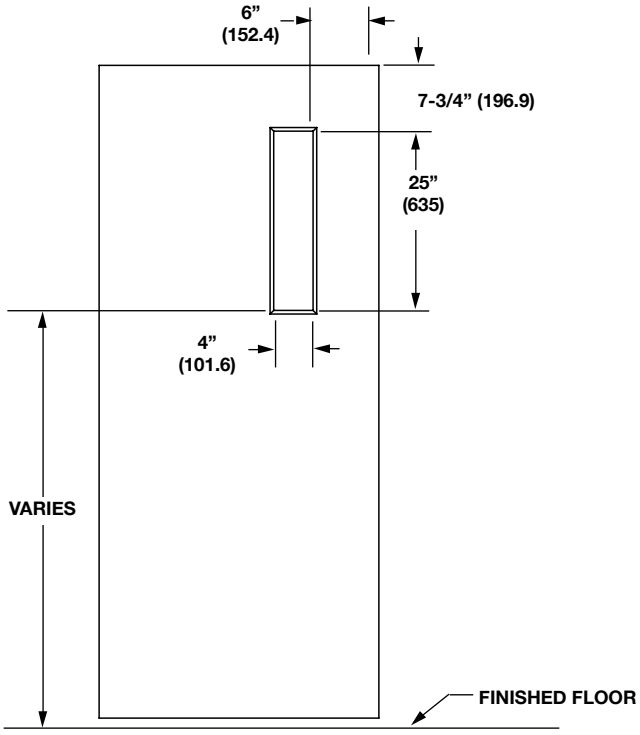
Ⓛ



FNV7



FNV8

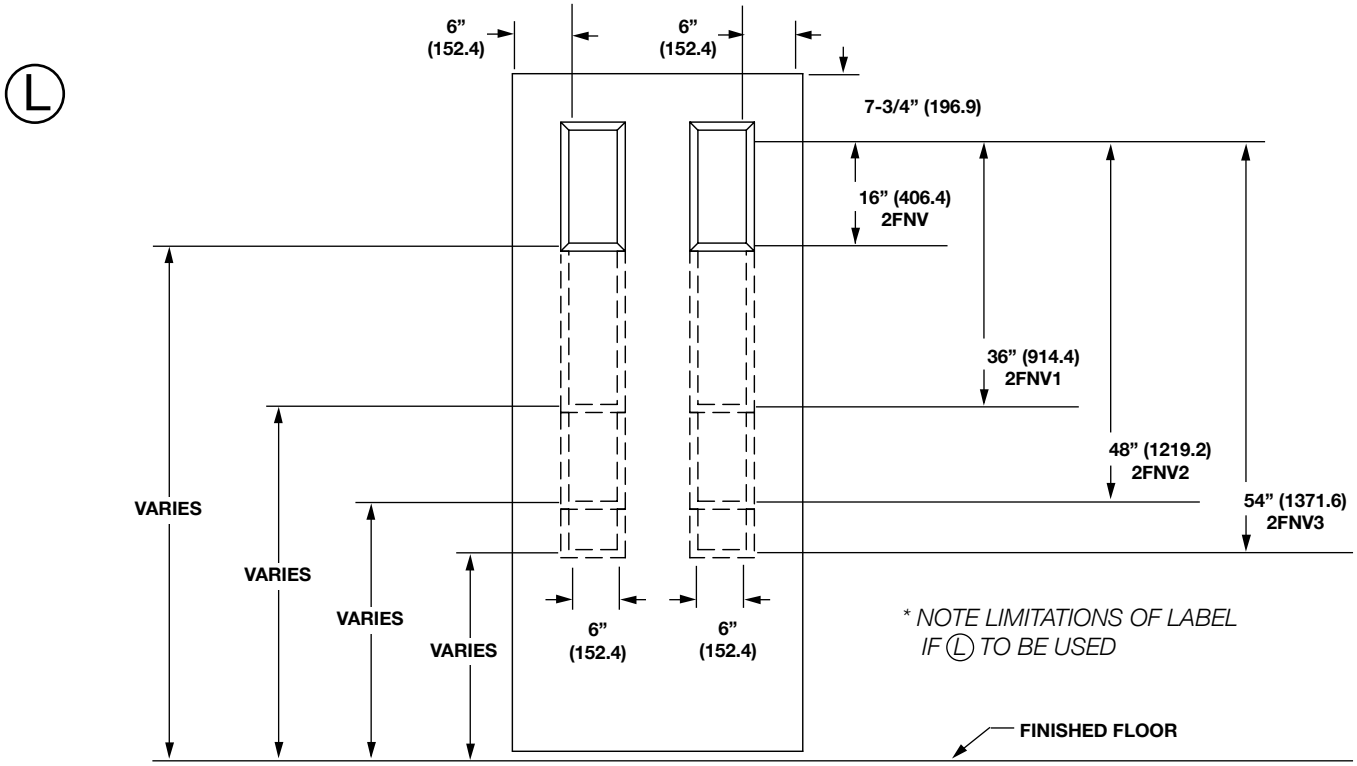


FNV9

GLASS SIZES (VISIBLE) AND LITE LOCATIONS 2FNV

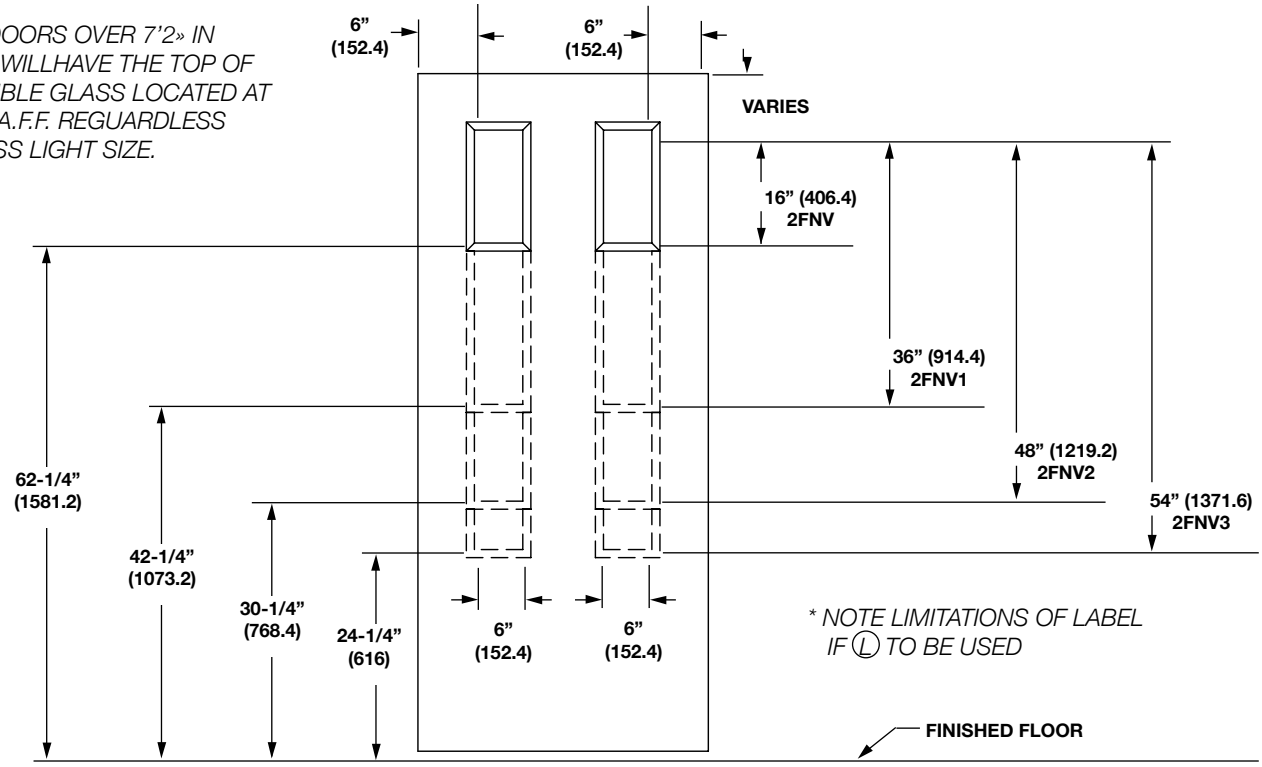
TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)

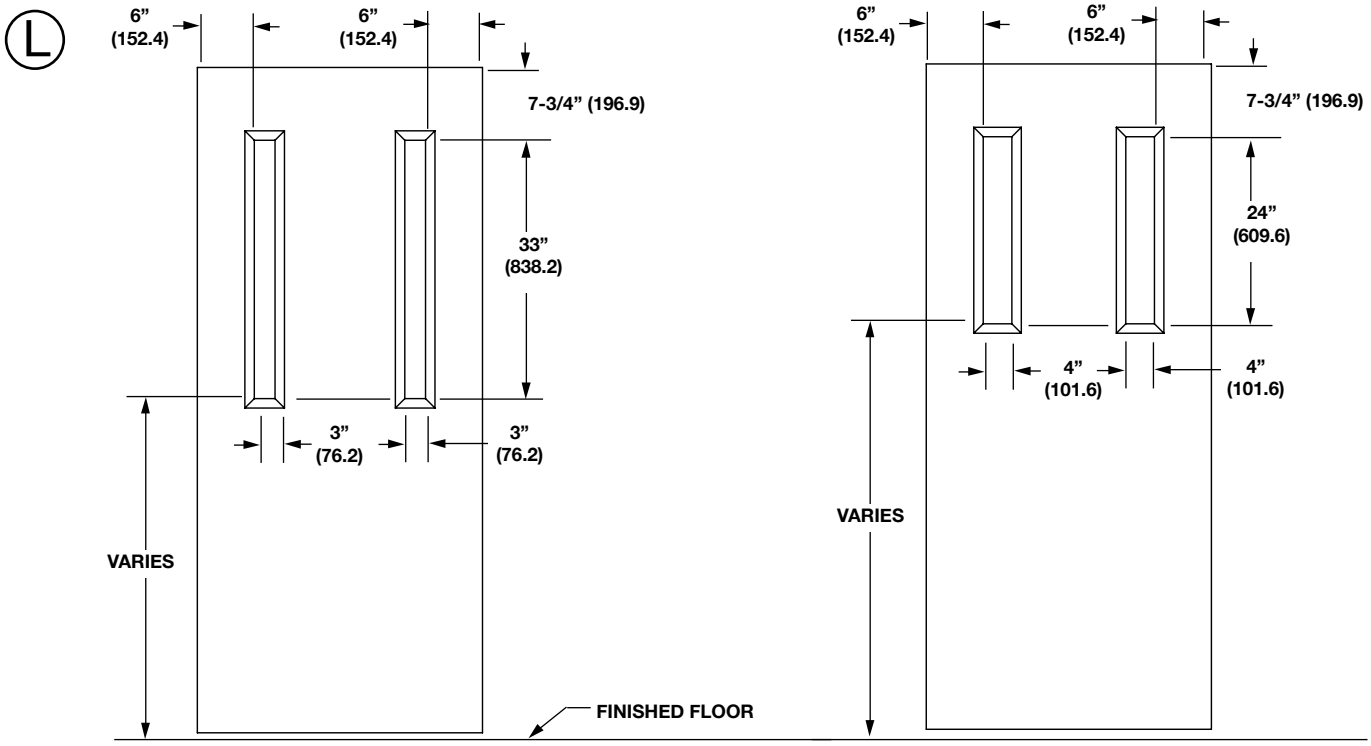
NOTE: DOORS OVER 7'2» IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78-1/4» A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.

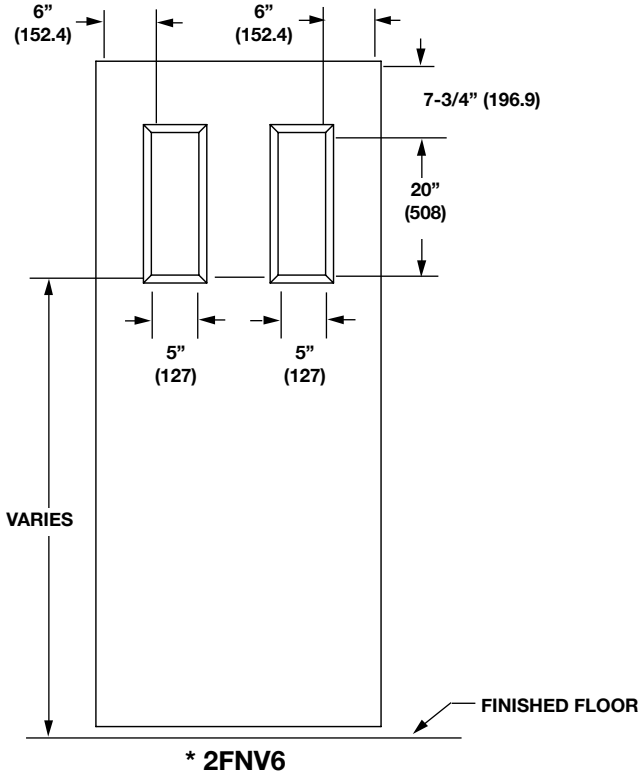


GLASS SIZES (VISIBLE) AND LITE LOCATIONS 2FNV

TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



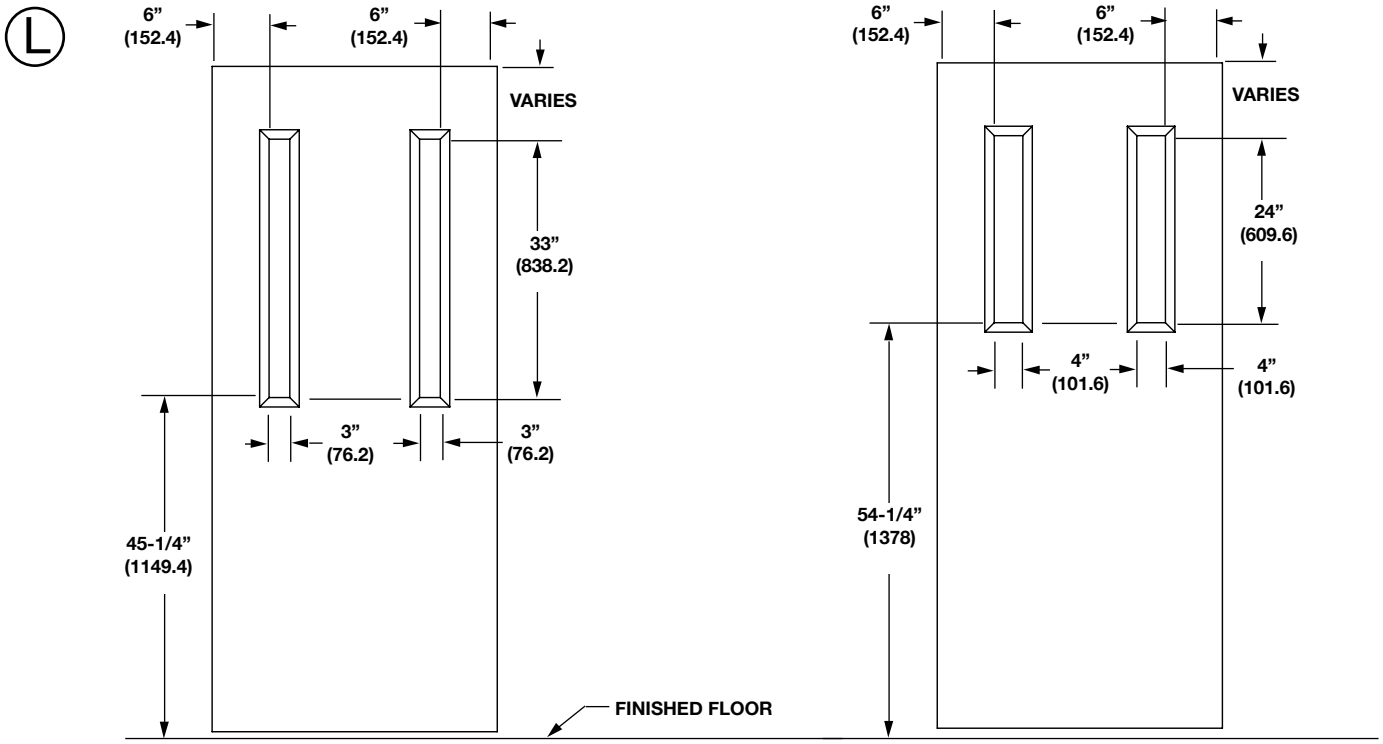


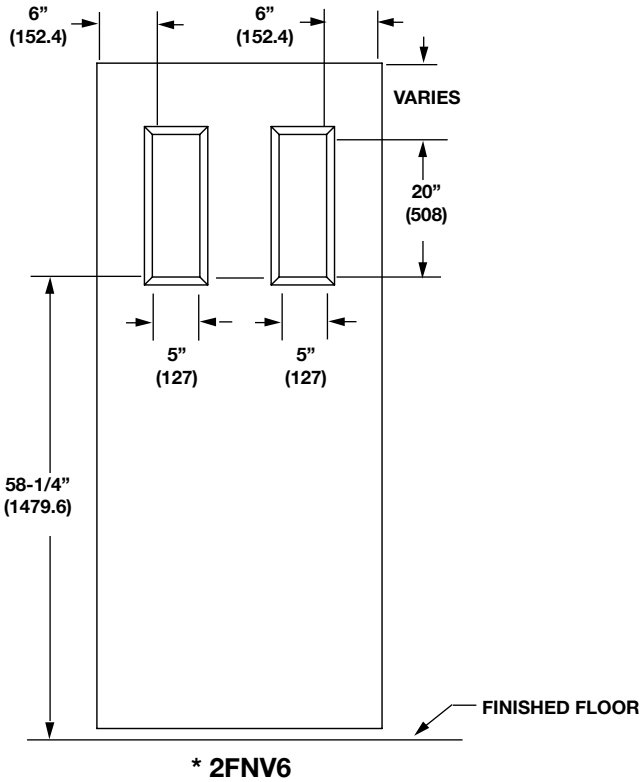
* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

GLASS SIZES (VISIBLE) AND LITE LOCATIONS 2FNV

TYPE 1 & 2 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS OVER 7'2"



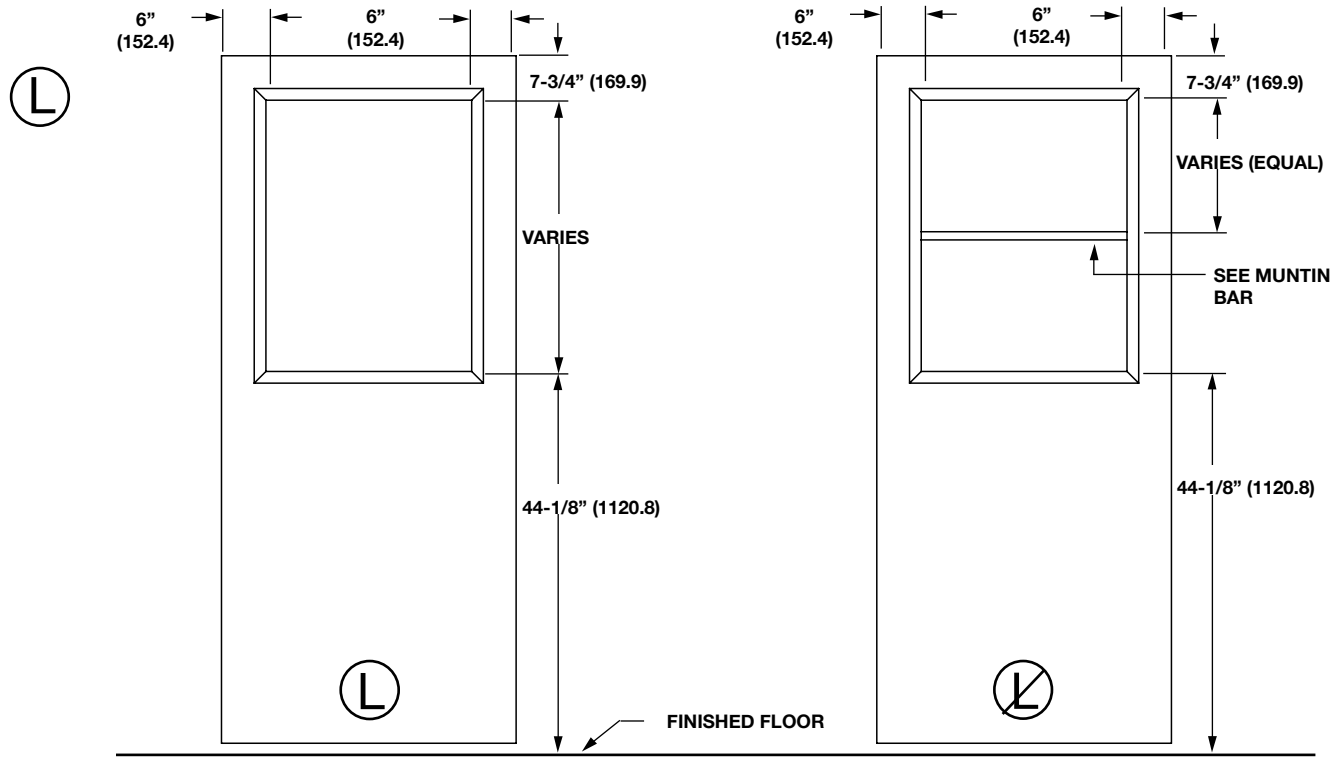


* MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED

NOTE: DOORS OVER 7'2» IN HEIGHT WILL HAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78» A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.

GLASS SIZES (VISIBLE) AND LITE LOCATIONS HG, HG2

TYPE 1 & 2 WINDOW MOULDING



HG HG2

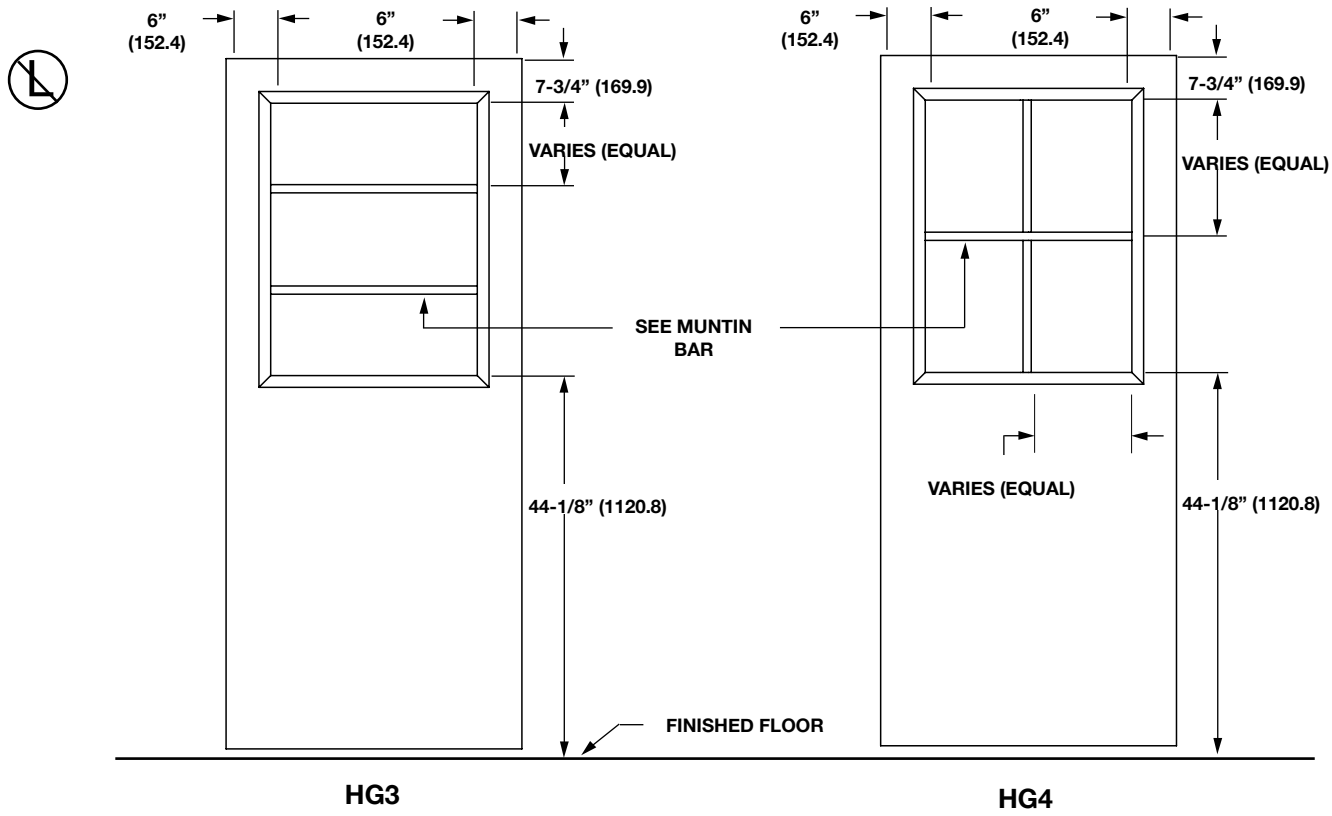
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (300)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	28" (711.2)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	32" (812.8)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	34" (863.6)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (330)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	13-9/16" (344.5)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	15-9/16" (395.3)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	16-9/16" (420.7)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS HG2, HG4

TYPE 1 & 2 WINDOW MOULDING



HG3 HG4

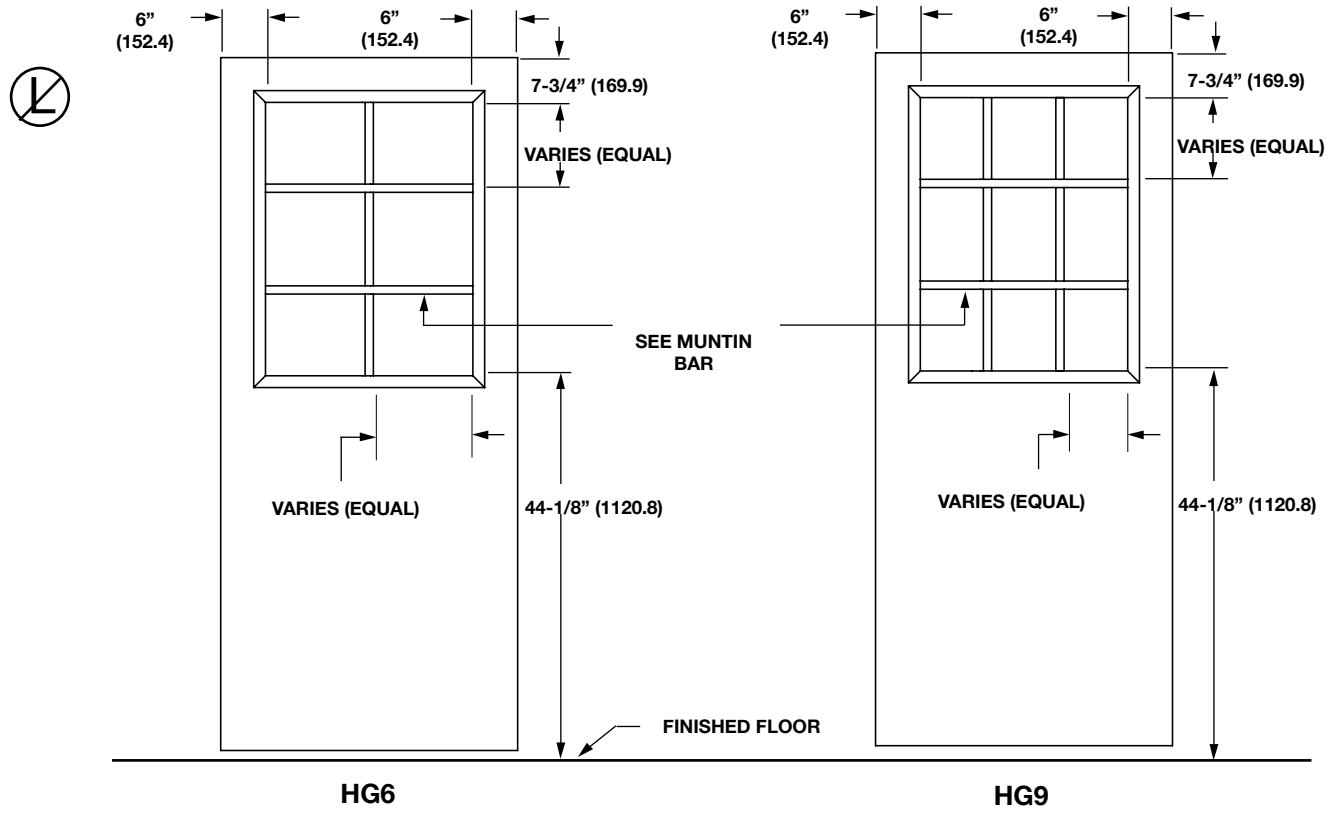
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (300)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	8-3/4" (222.3)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	10-5/64" (256)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	10-3/4" (273)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-15/32" (138.9)		
2'4" (711.2)	7-15/32" (189.7)		
2'6" (762)	8-15/32" (215.1)	6'8" (2032)	13-9/16" (344.5)
2'8" (812.8)	9-15/32" (240.5)		
2'10" (863.6)	10-15/32" (265.9)		
3'0" (914.4)	11-15/32" (291.3)	7'0" (2133.6)	15-9/16" (395.3)
3'4" (1016)	13-15/32" (342.1)		
3'6" (1066.8)	14-15/32" (367.5)		
3'8" (1117.6)	15-15/32" (392.9)	7'2" (2184.4)	16-9/16" (420.7)
3'10" (1168.4)	16-15/32" (418.3)		
4'0" (1219.2)	17-15/32" (443.7)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS HG6, HG9

TYPE 1 & 2 WINDOW MOULDING



HG6 HG9

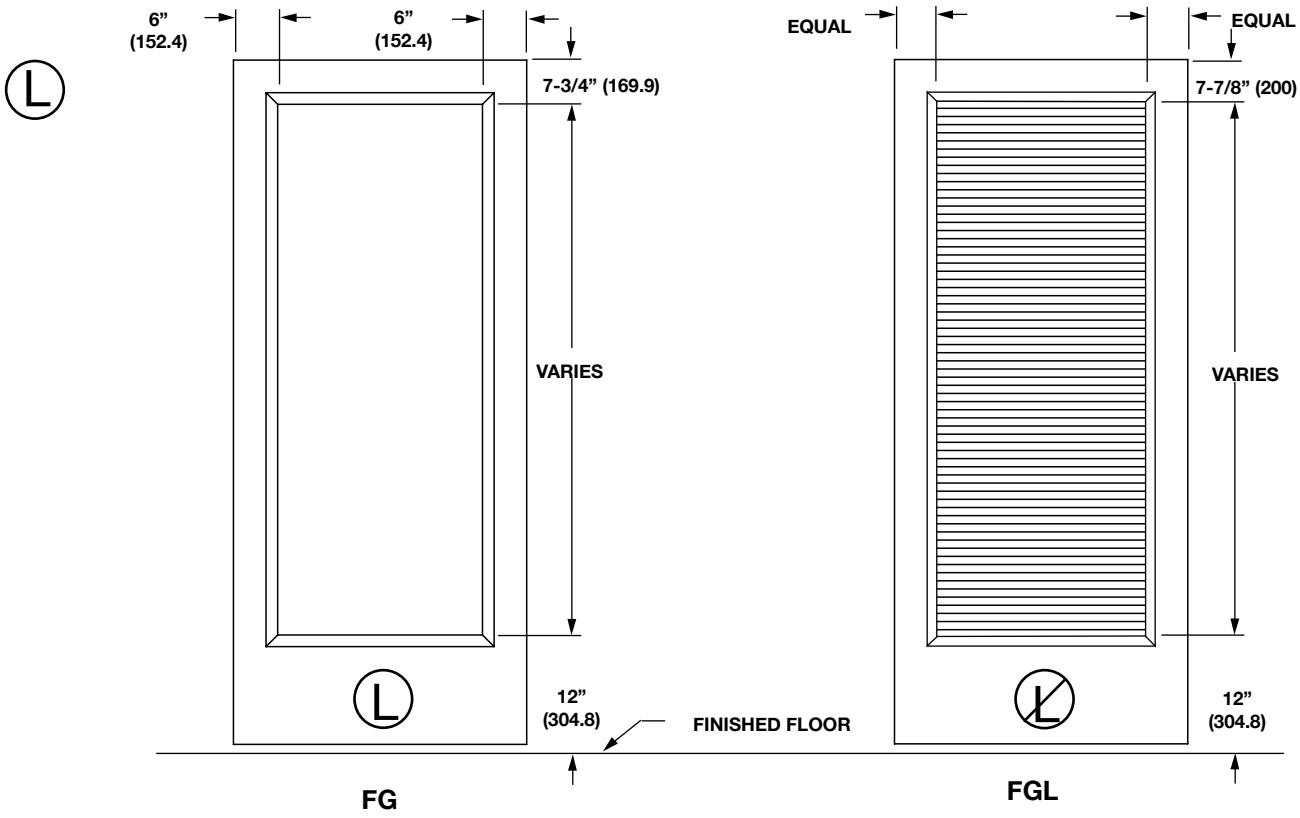
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-15/32" (138.9)		
2'4" (711.2)	7-15/32" (189.7)		
2'6" (762)	8-15/32" (215.1)	6'8" (2032)	8-3/4" (222.3)
2'8" (812.8)	9-15/32" (240.5)		
2'10" (863.6)	10-15/32" (265.9)		
3'0" (914.4)	11-15/32" (291.3)	7'0" (2133.6)	10-5/64" (256)
3'4" (1016)	13-15/32" (342.1)		
3'6" (1066.8)	14-15/32" (367.5)		
3'8" (1117.6)	15-15/32" (392.9)	7'2" (2184.4)	10-3/4" (273)
3'10" (1168.4)	16-15/32" (418.3)		
4'0" (1219.2)	17-15/32" (443.7)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	3-5/16" (84.1)		
2'4" (711.2)	4-5/8" (117.5)		
2'6" (762)	5-5/16" (134.9)	6'8" (2032)	8-3/4" (222.3)
2'8" (812.8)	6" (152.4)		
2'10" (863.6)	6-5/8" (168.3)		
3'0" (914.4)	7-5/16" (185.7)	7'0" (2133.6)	10-5/64" (256)
3'4" (1016)	8-5/8" (219.1)		
3'6" (1066.8)	9-5/16" (236.5)		
3'8" (1117.6)	10" (254)	7'2" (2184.4)	10-3/4" (273)
3'10" (1168.4)	10-5/8" (269.9)		
4'0" (1219.2)	11-5/16" (287.3)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FG, FGL

TYPE 1 & 2 WINDOW MOULDING



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (300)		
2'4" (711.2)	15-13/16" (401.6)		
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	60-1/8" (1527.2)
2'8" (812.8)	19-13/16" (503.2)		
2'10" (863.6)	21-13/16" (554)		
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	64-1/8" (1628.8)
3'4" (1016)	27-13/16" (706.4)		
3'6" (1066.8)	29-13/16" (757.2)		
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	66-1/8" (1679.6)
3'10" (1168.4)	33-13/16" (858.8)		
4'0" (1219.2)	35-13/16" (909.6)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	12" (304.8)		
2'4" (711.2)	16" (406.4)		
2'6" (762)	18" (457.2)	6'8" (2032)	60" (1524)
2'8" (812.8)	20" (508)		
2'10" (863.6)	22" (558.8)		
3'0" (914.4)	24" (609.6)	7'0" (2133.6)	64" (1625.6)
3'4" (1016)	28" (711.6)		
3'6" (1066.8)	30" (762)		
3'8" (1117.6)	32" (812.8)	7'2" (2184.4)	66" (1676.4)
3'10" (1168.4)	34" (863.6)		
4'0" (1219.2)	36" (914.4)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FG2, FG3, FG4

TYPE 1 & 2 WINDOW MOULDING

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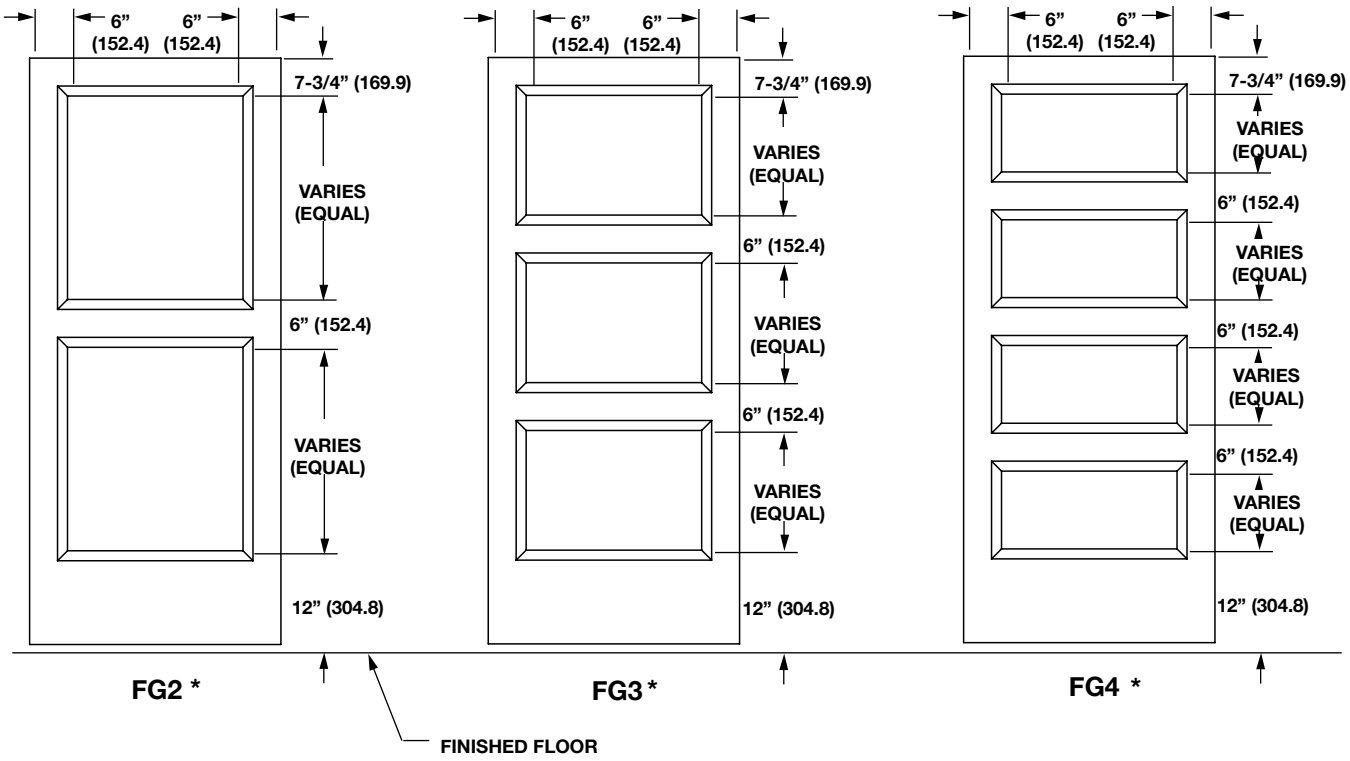


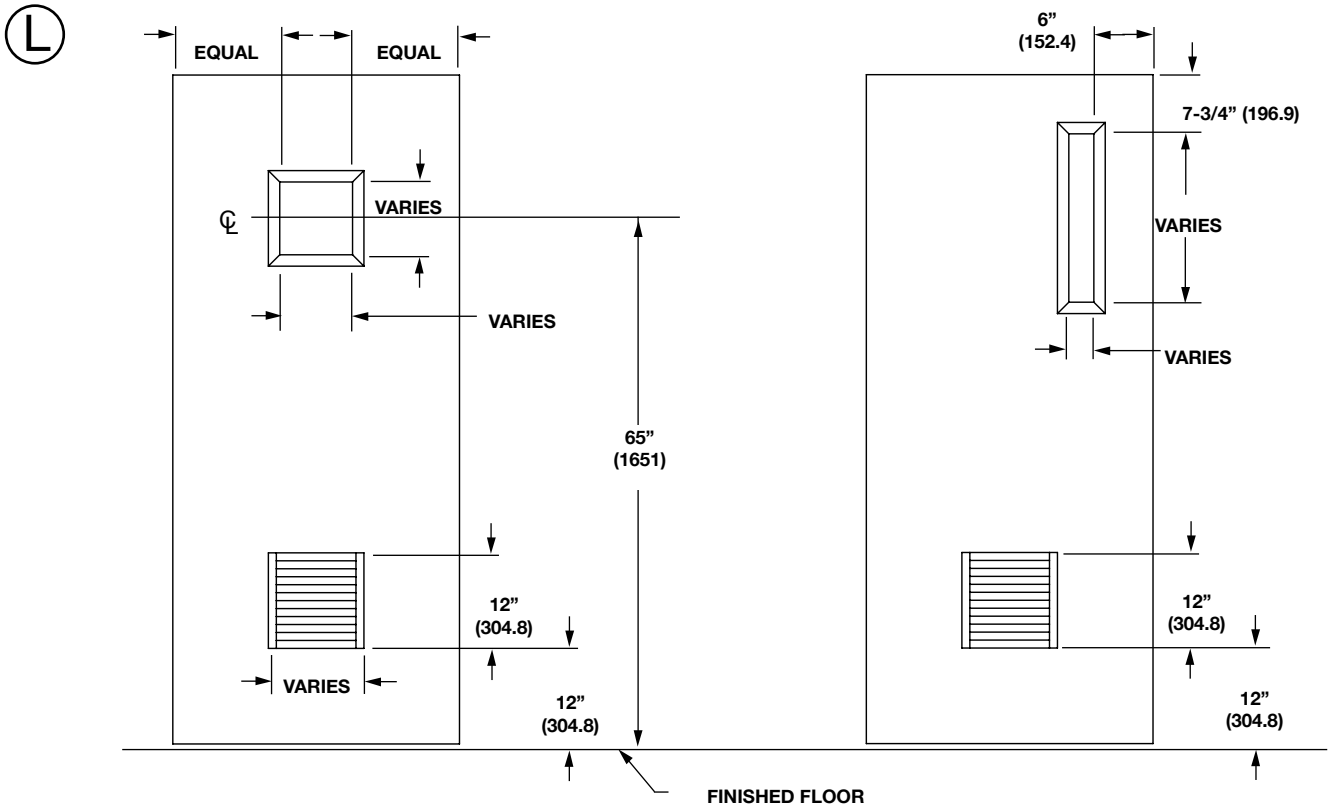
** NOTE: A MINIMUM 6" STILE AND 6" RAIL IS REQUIRED FOR FIRE LABEL LISTED DOOR)*

		FG2		FG3		FG4	
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-13/16" (330)						
2'4" (711.2)	15-13/16" (401.6)						
2'6" (762)	17-13/16" (452.4)	6'8" (2032)	27-1/16" (687.4)	6'8" (2032)	16-1/16" (408)	6'8" (2032)	10-9/16" (268.3)
2'8" (812.8)	19-13/16" (503.2)						
2'10" (863.6)	21-13/16" (554)						
3'0" (914.4)	23-13/16" (604.8)	7'0" (2133.6)	29-1/16" (738.2)	7'0" (2133.6)	17-3/8" (441.3)	7'0" (2133.6)	11-9/16" (293.7)
3'4" (1016)	27-13/16" (706.4)						
3'6" (1066.8)	29-13/16" (757.2)						
3'8" (1117.6)	31-13/16" (808)	7'2" (2184.4)	30-1/16" (763.6)	7'2" (2184.4)	18-1/16" (458.8)	7'2" (2184.4)	12-1/16" (306.4)
3'10" (1168.4)	33-13/16" (858.8)						
4'0" (1219.2)	35-13/16" (909.6)						

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

FACE TYPE LOCATIONS FVL, FNVL

TYPE 1 & 2 WINDOW MOULDING



FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

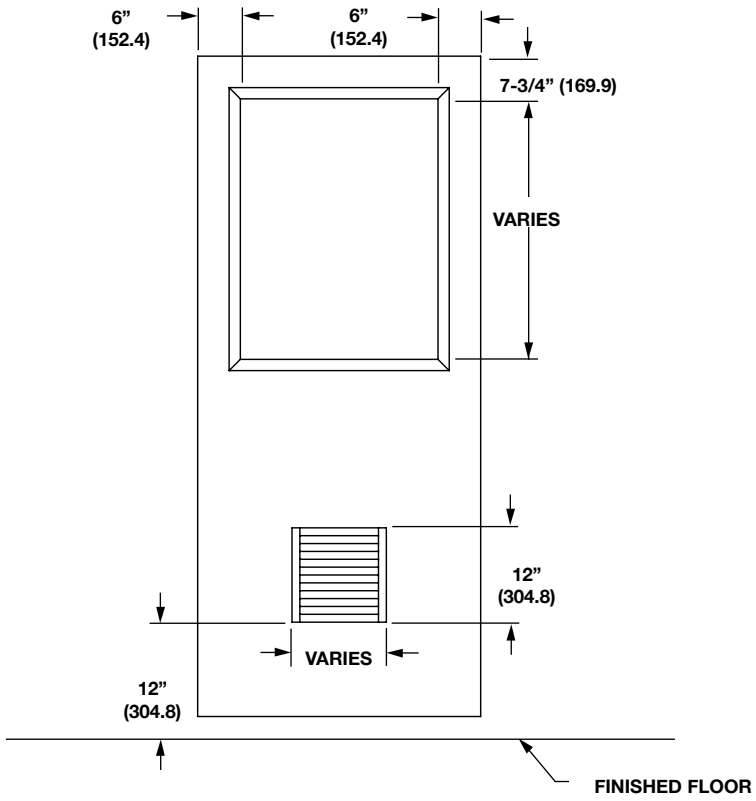
EXAMPLE: FV1L2
12" X 12" (305 X 305) FULL VISION LITE
18" X 12" (457 X 305) LOUVER

EXAMPLE: FNV1L2
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

FACE TYPE LOCATIONS HGL

TYPE 1 & 2 WINDOW MOULDING



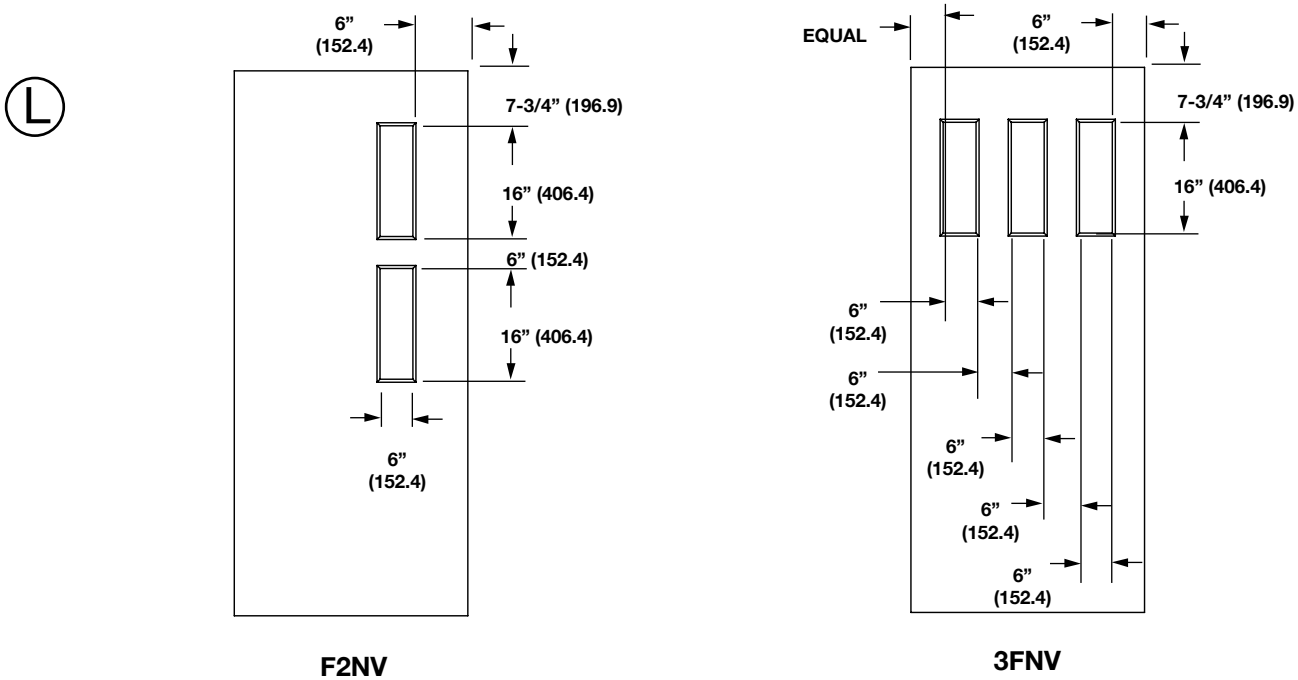
HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE: HGL2
WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

GLASS SIZES (VISIBLE) AND LITE LOCATIONS F2NV, 3FNV

TYPE 1 & 2 WINDOW MOULDING

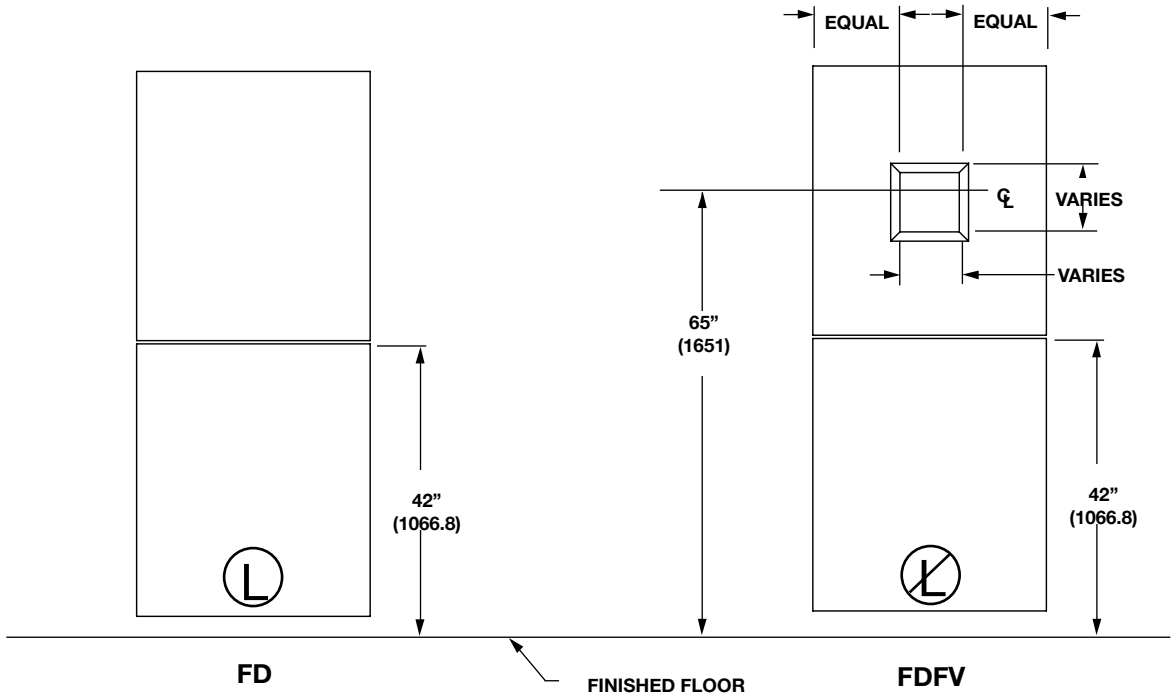


F2NV **3FNV**

DOOR WIDTH FOR 3FNV MUST BE AT LEAST 3'6" (1066.8) WIDE!

NOTE: MINIMUM 6" STILES TO BE FIRE LABEL LISTED.

FACE TYPE LOCATIONS FD, FDFV

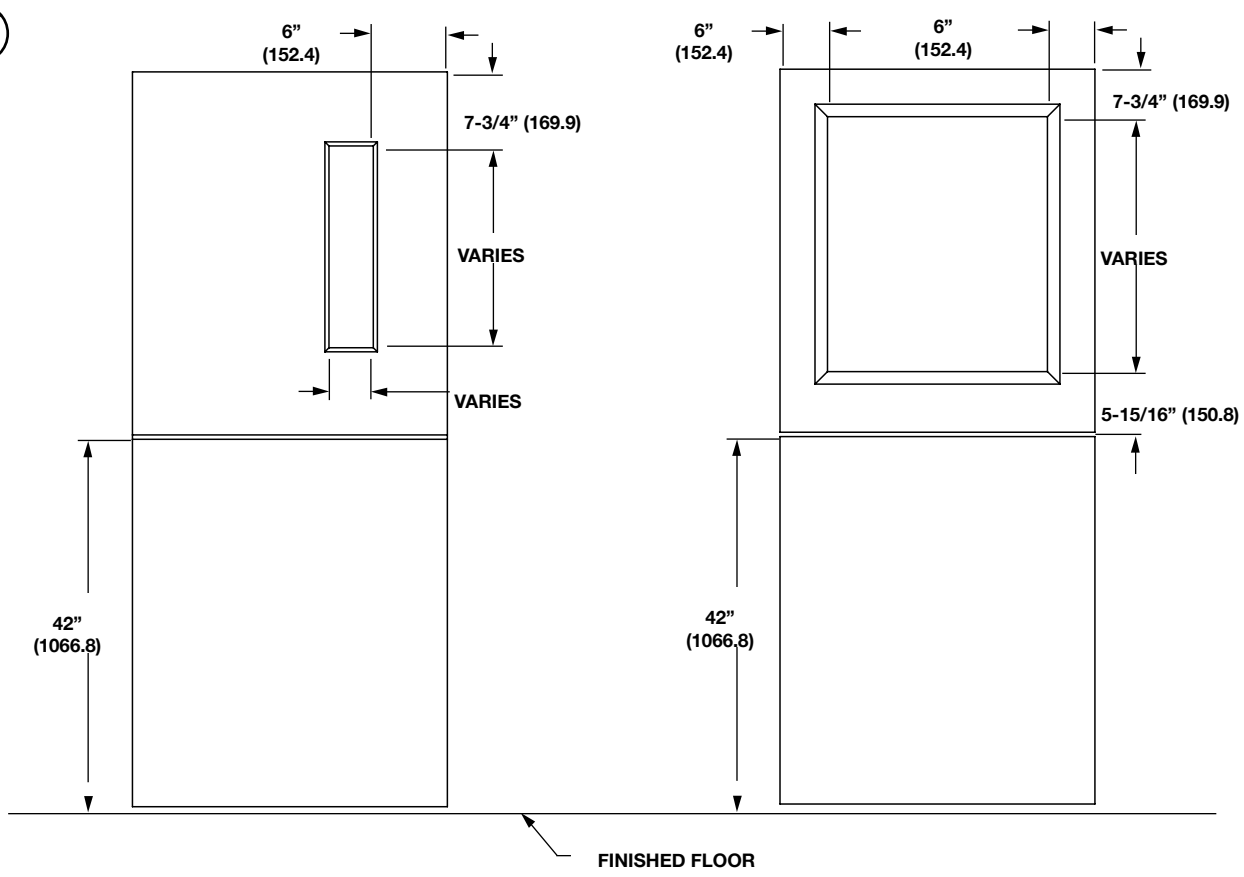


FD **FDFV**

FDFV	10" (254) X 10" (254)
FDFV1	12" (304.8) X 12" (304.8)

FACE TYPE LOCATIONS FDFNV, FDHG

TYPE 1 & 2 WINDOW MOULDING



FDFNV
FD = FLUSH DUTCH
FNV = FULL NARROW VISION STANDARDS

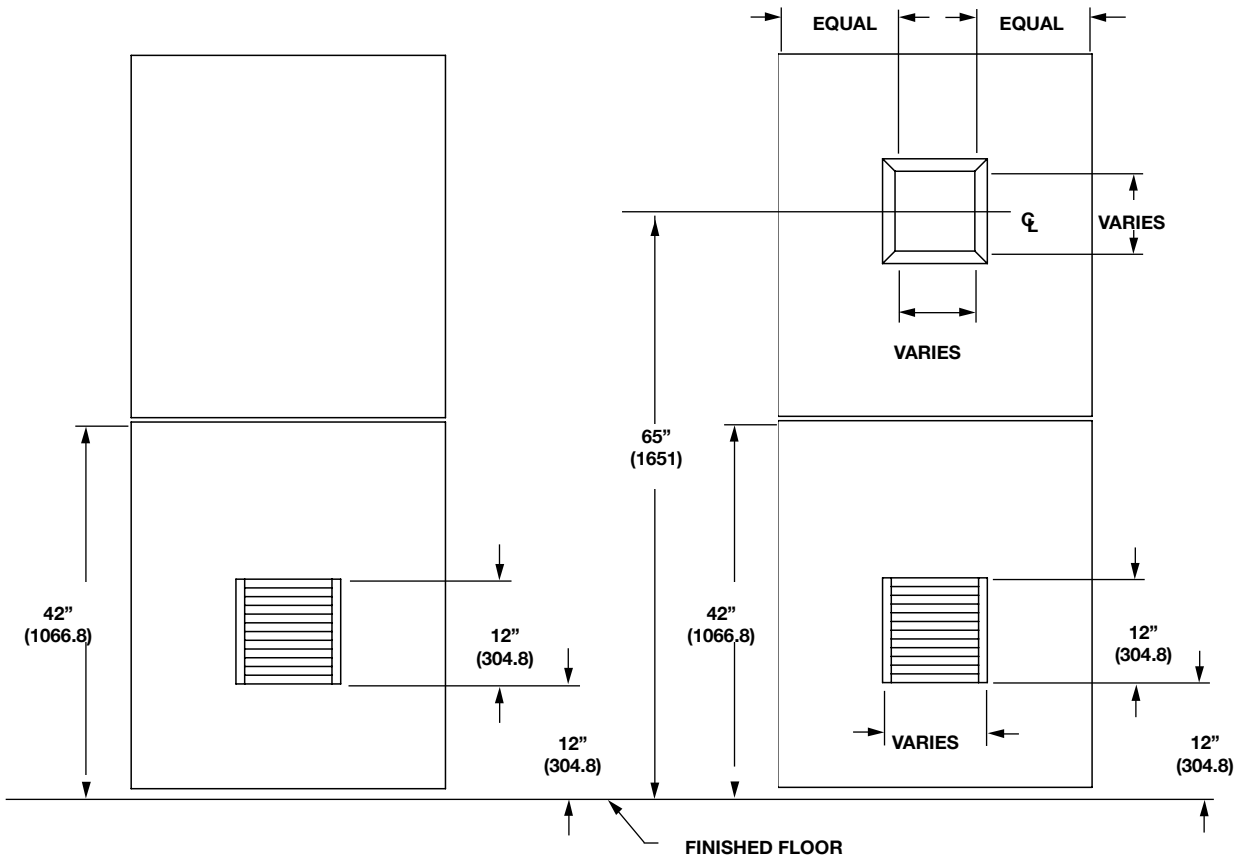
FDHG
FD = FLUSH DUTCH
HG = HALF GLASS STANDARDS

EXAMPLE:
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE ← FDFNV1

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS ← FDHG

FACE TYPE LOCATIONS FDL, FDFVL

TYPE 1 & 2 WINDOW MOULDING



FDL
FD = FLUSH DUTCH
L = LOUVER STANDARDS

FDFVL
FD = FLUSH DUTCH
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
20" X 12" (508 X 305) LOUVER

FDL3

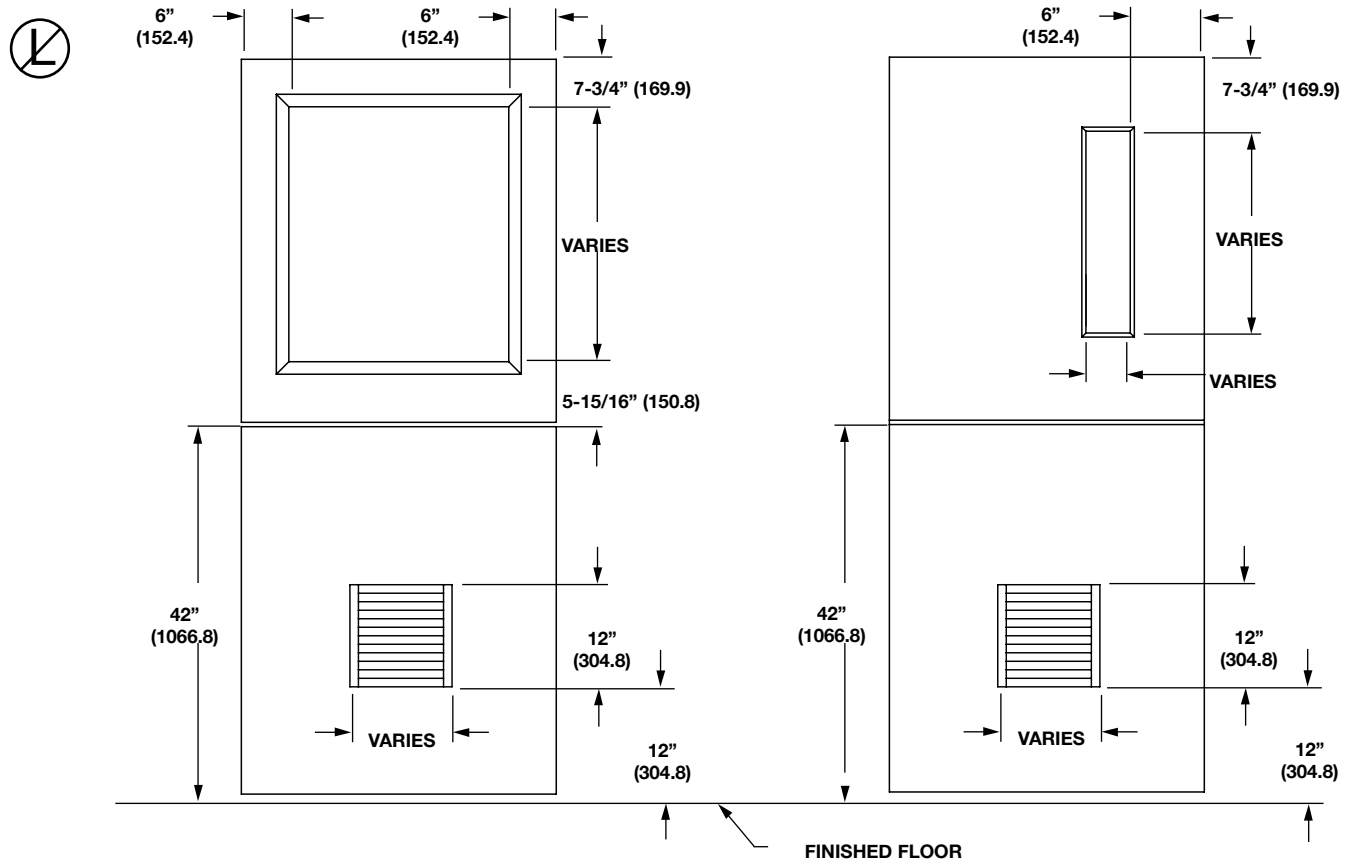
EXAMPLE:
FLUSH DUTCH
12" X 12" (305 X 305) FULL VISION LITE
20" X 12" (508 X 305) LOUVER

FDFV1L3

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

FACE TYPE LOCATIONS FDHGL, FDFNVL

TYPE 1 & 2 WINDOW MOULDING



FDHGL

FD	=	FLUSH DUTCH
HG	=	HALF GLASS STANDARDS
L	=	LOUVER STANDARDS

FDFNVL

FD	=	FLUSH DUTCH
FNV	=	FULL NARROW VISION STANDARDS
L	=	LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

FDHG3L2

EXAMPLE:
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

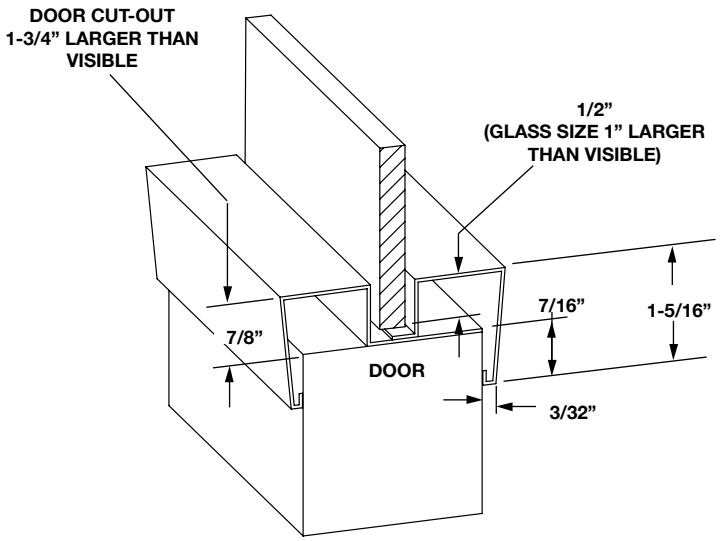
FDFNV1L2

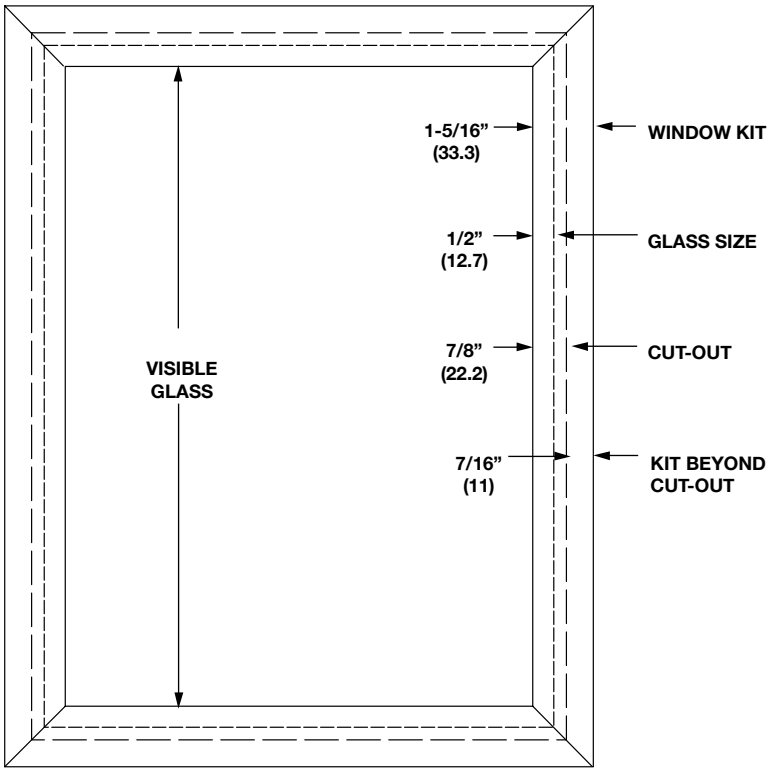
PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

WINDOW KIT CUTOUT ON DOOR

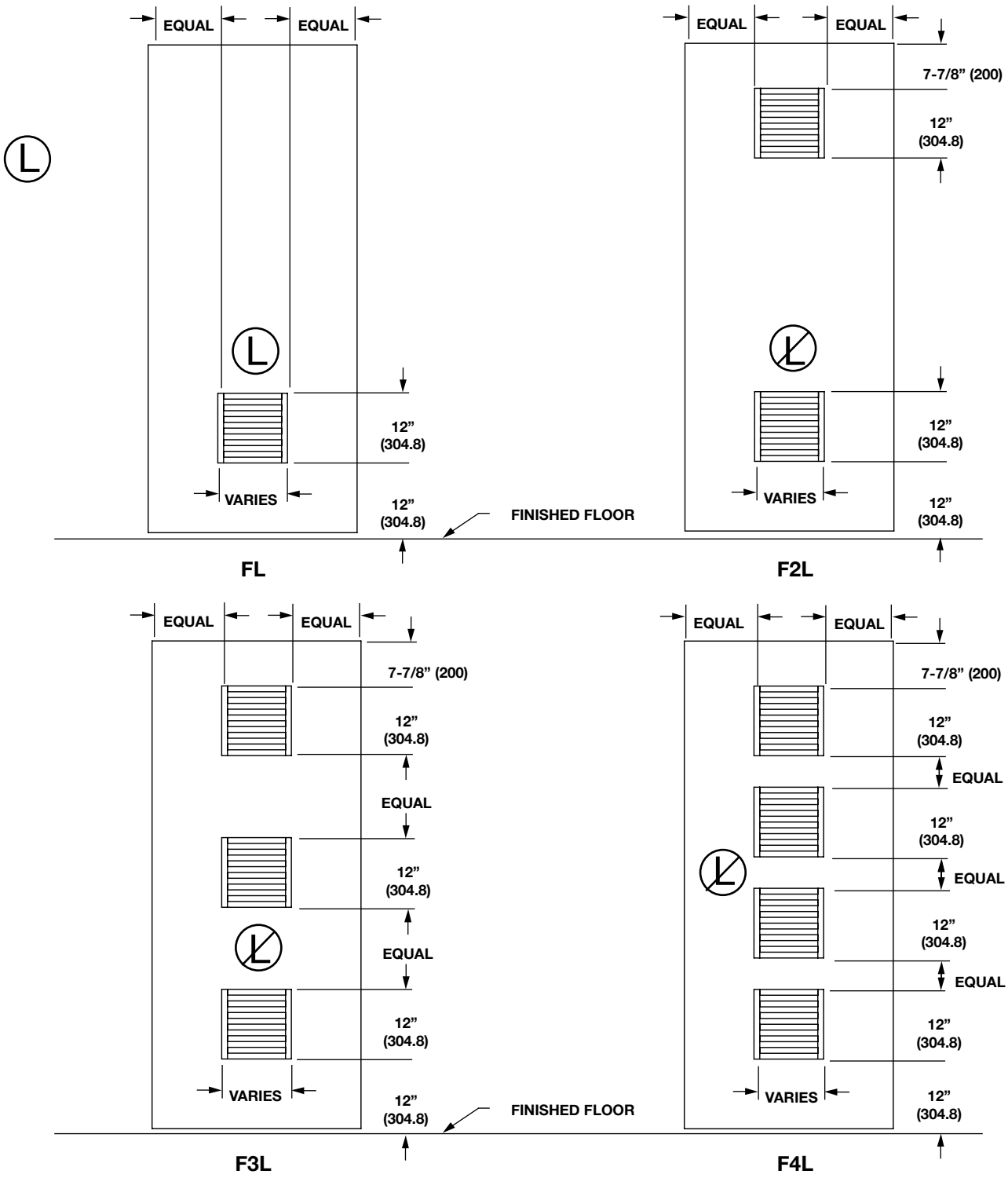
TYPE 1 & 2 WINDOW MOULDING

Ⓛ



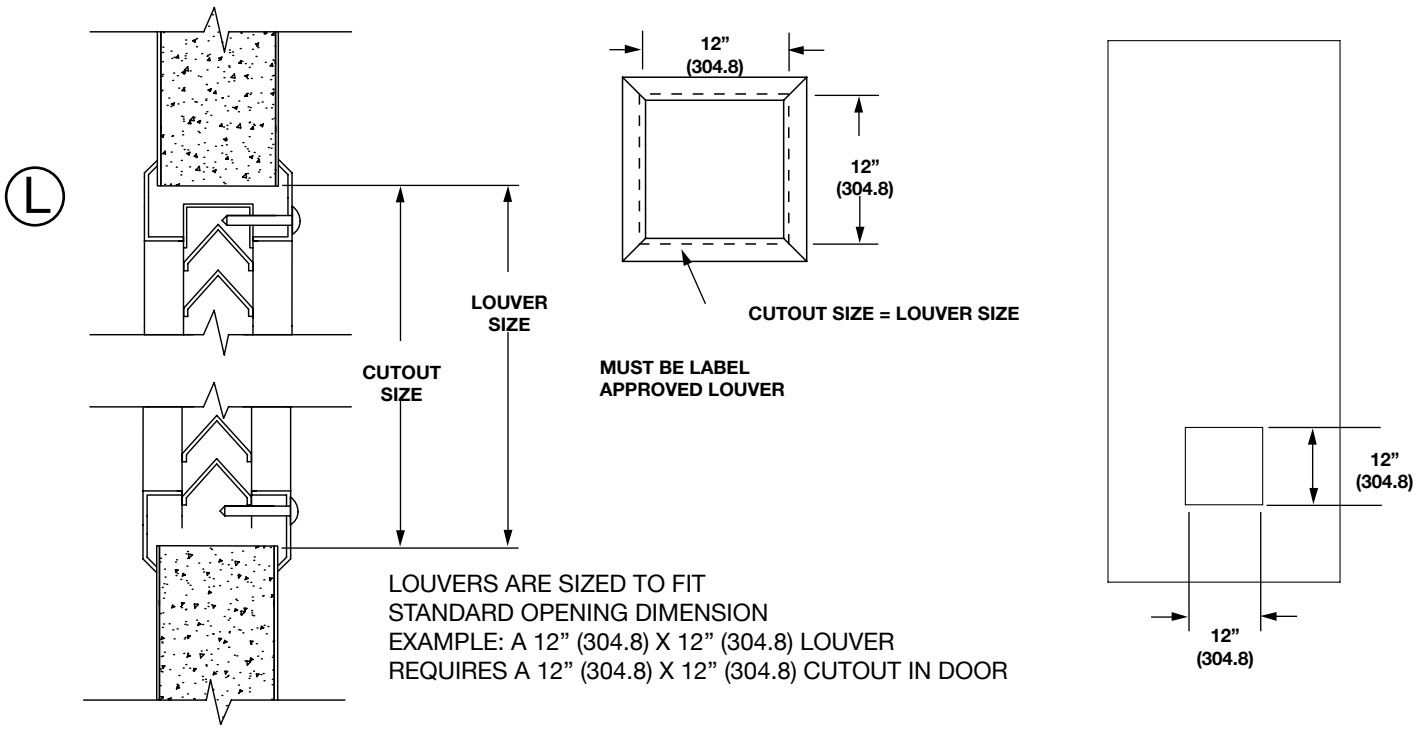


LOUVER SIZES AND LOCATIONS FL, F2L, F3L, F4L



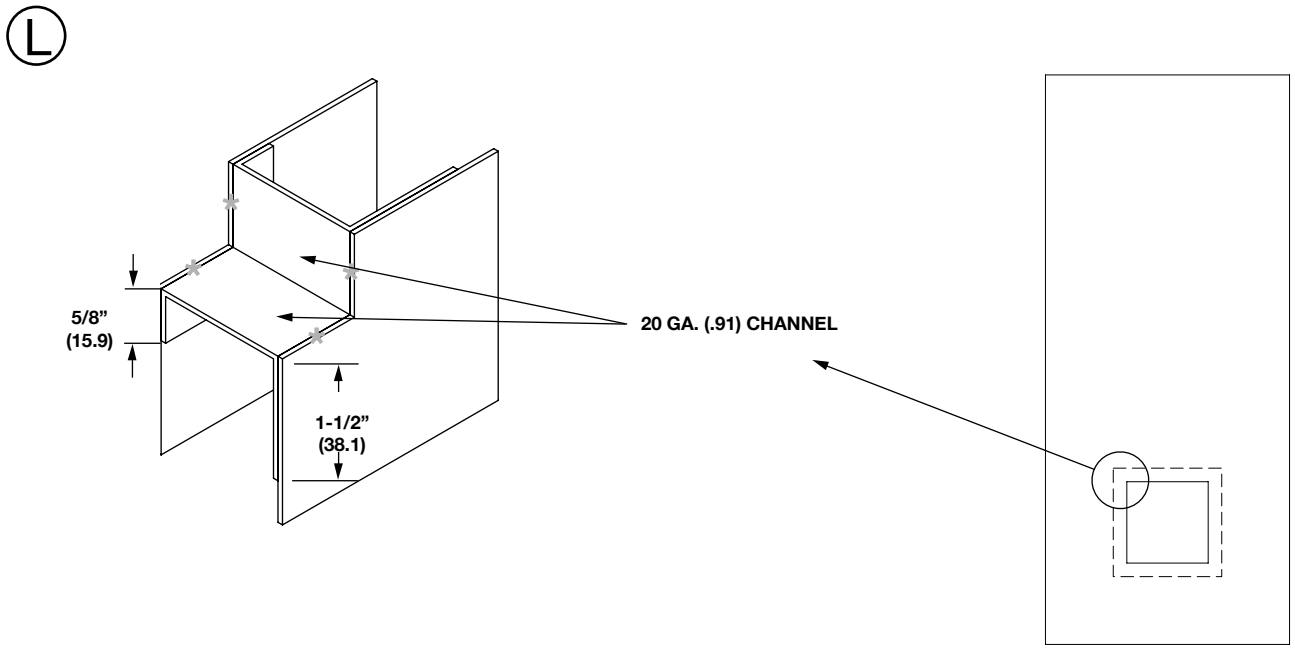
FL	F2L	F3L	F4L	12" (304.8) X 12" (304.8)
FL2	F2L2	F3L2	F4L2	18" (457.2) X 12" (304.8)
FL3	F2L3	F3L3	F4L3	20" (508) X 12" (304.8)
FL4	F2L4	F3L4	F4L4	24" (609.6) X 12" (304.8)

LOUVER CUTOUT ON DOOR



LOUVERS ARE SIZED TO FIT
STANDARD OPENING DIMENSION
EXAMPLE: A 12" (304.8) X 12" (304.8) LOUVER
REQUIRES A 12" (304.8) X 12" (304.8) CUTOUT IN DOOR

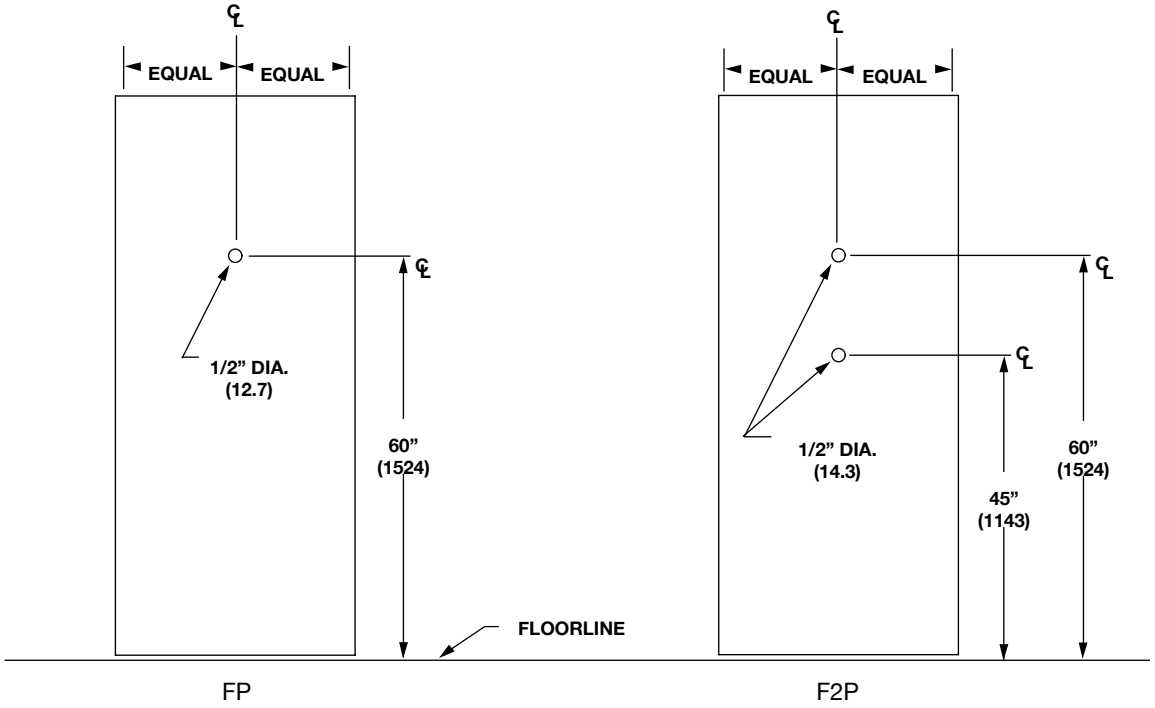
LOUVER CUTOUT REINFORCING (OPTIONAL)



NOTE: LOUVER CUTOUT REINFORCING IS NOT PROVIDED AS STANDARD BUT MAY BE FURNISHED ON REQUEST.

REINFORCING IS REQUIRED ON FIRE LABELED DOORS AND IS PROVIDED AS STANDARD.

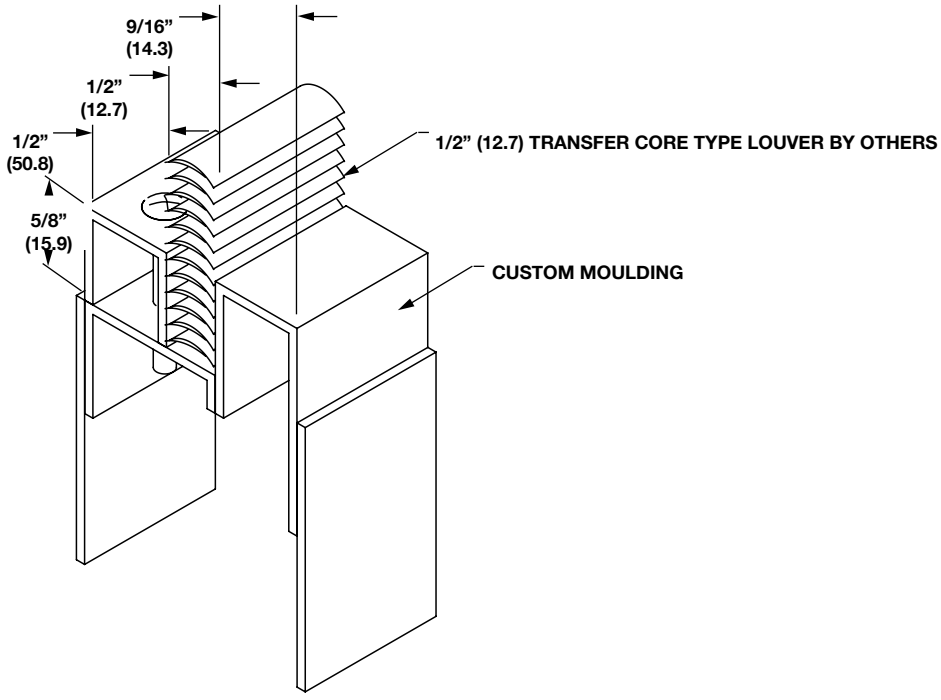
FACE TYPE LOCATIONS FP, F2P



FP	F2P	1/2" (12.7) DIA.
FP1	F2P1	9/16" (14.3) DIA.

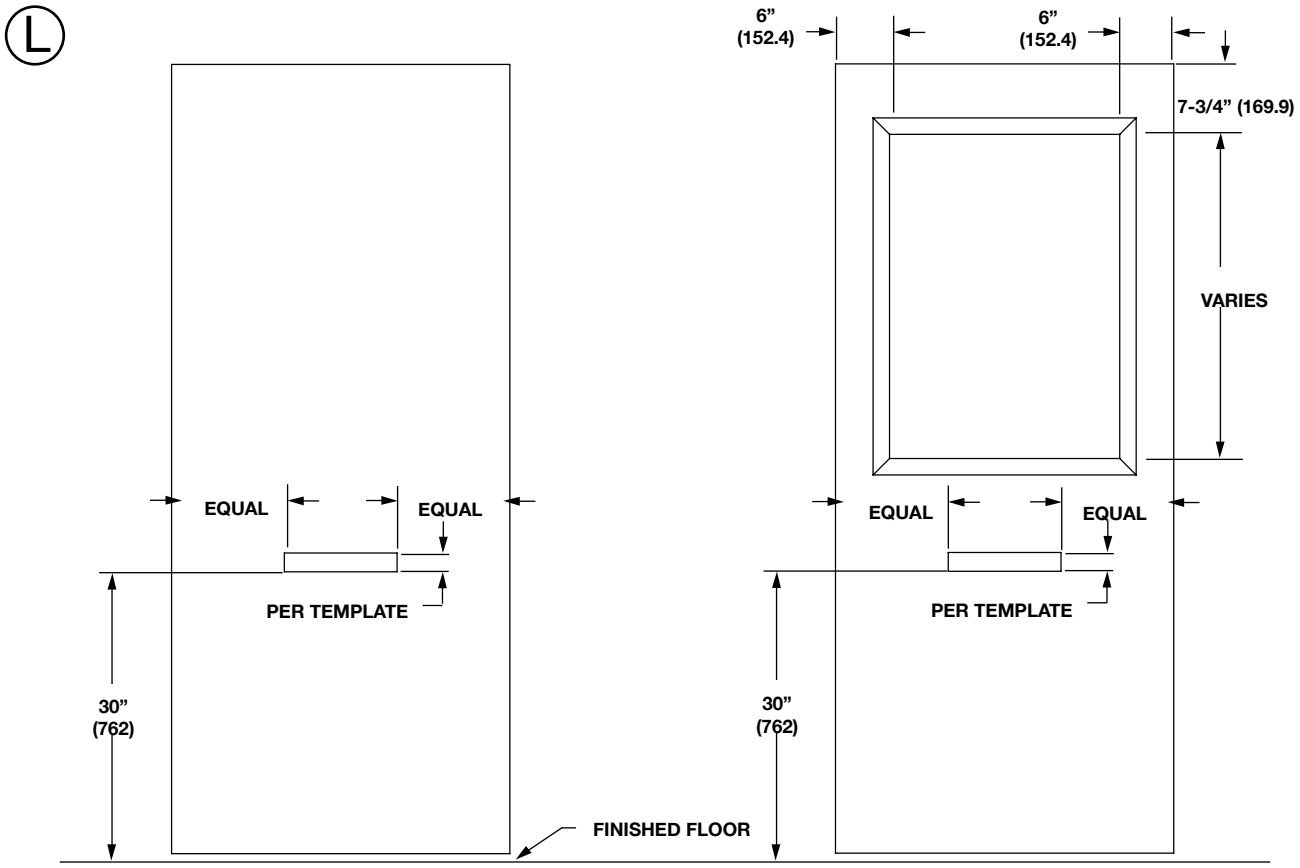
TRANSFER CORE TYPE LOUVER MOULDING

TYPE 3



FACE TYPE LOCATIONS FMS, HGMS

TYPE 1 & 2 WINDOW MOULDING



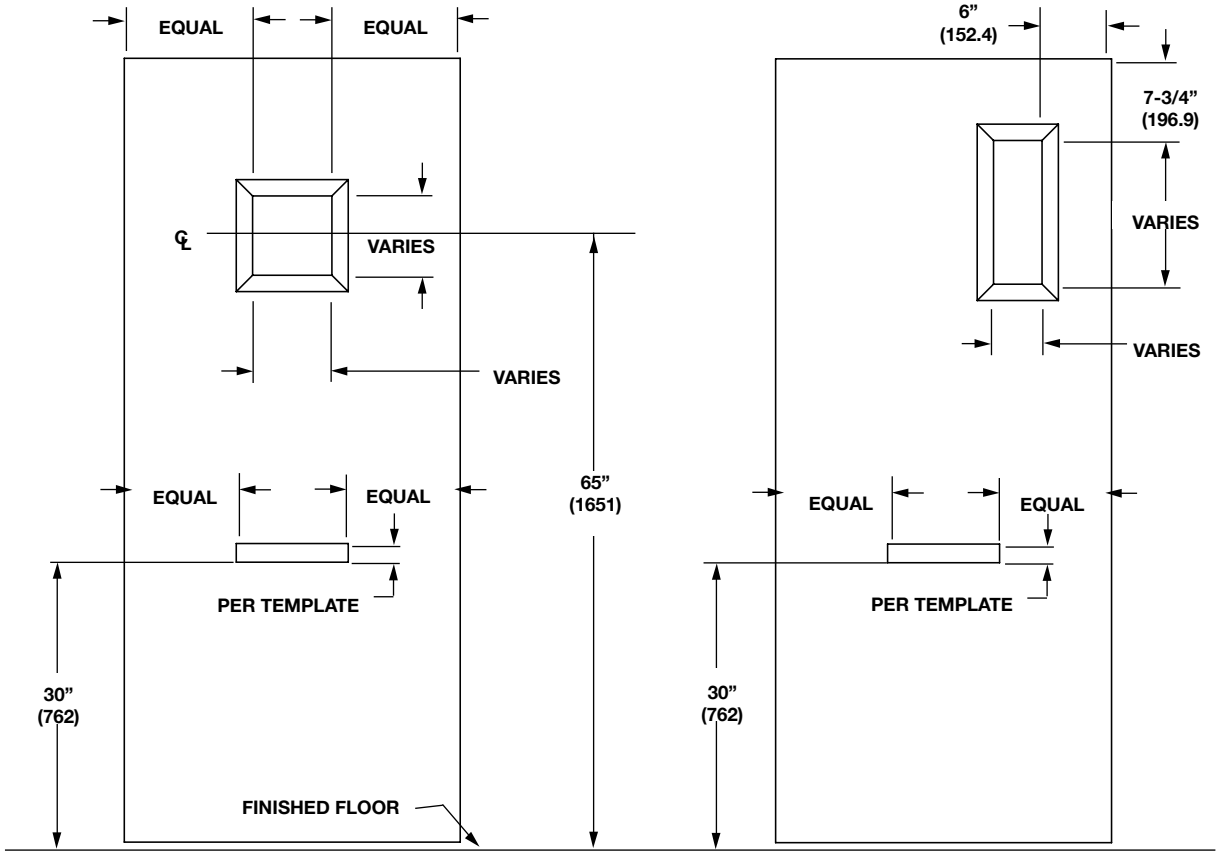
FMS
FMS = FLUSH MAIL SLOT

HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE: HG3MS
(3) WINDOW PANE-HALF GLASS
MAIL SLOT

FACE TYPE LOCATIONS FVMS, FNVMS

TYPE 1 & 2 WINDOW MOULDING



FVMS
FV = FULL VISION STANDARDS
MS = MAIL SLOT

FNVMS
FNV = FULL NARROW VISION STANDARDS
MS = MAIL SLOT

FVMS	10" (254) X 10" (254)
FV1MS	12" (304.8) X 12" (304.8)

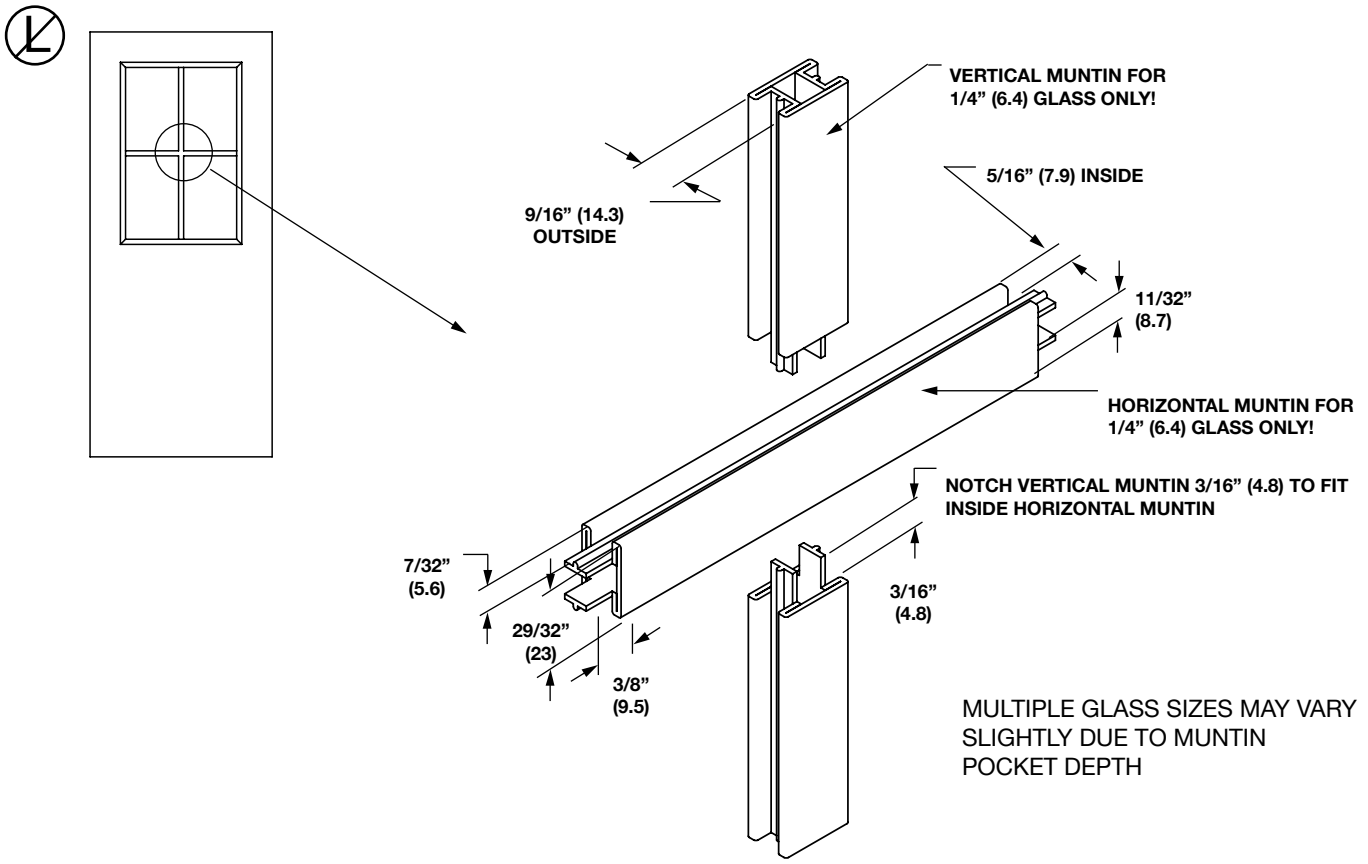
EXAMPLE:
6" X 36" (152 X 914) NARROW VISION LITE
MAIL SLOT

FNV1MS

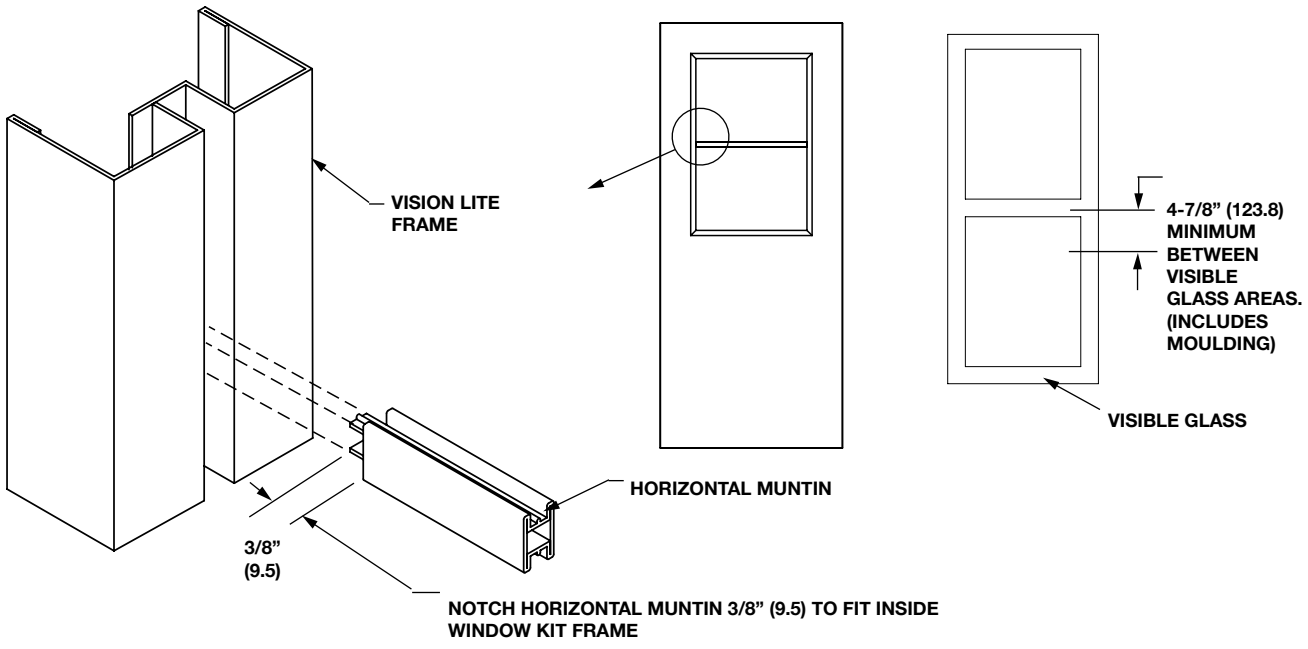
MUNTIN BAR - MUNTIN BAR JOINTS

AVAILABLE FOR TYPE 1, 3, 9 AND 11 WITH 3/8" POCKET ONLY.
AVAILABLE WITH CURRISTAIN DOORS. MUNTIN BAR IS NOT STAINED.

MUNTIN BAR PART NUMBER: CD002402



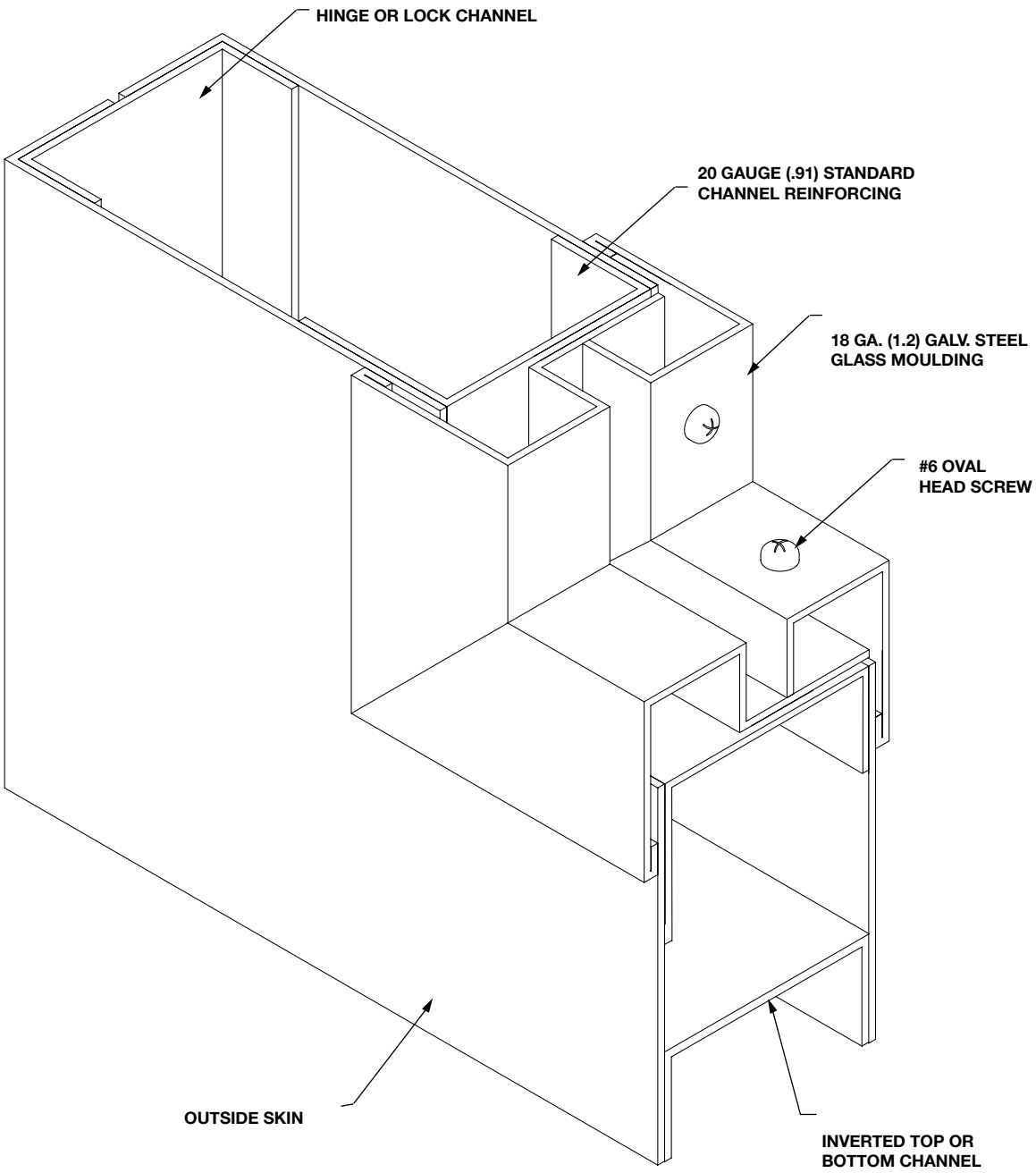
MULTIPLE GLASS SIZES MAY VARY SLIGHTLY DUE TO MUNTIN POCKET DEPTH



CUT AWAY VIEW FG MOULDING

STANDARD WINDOW MOULDING TYPE 1

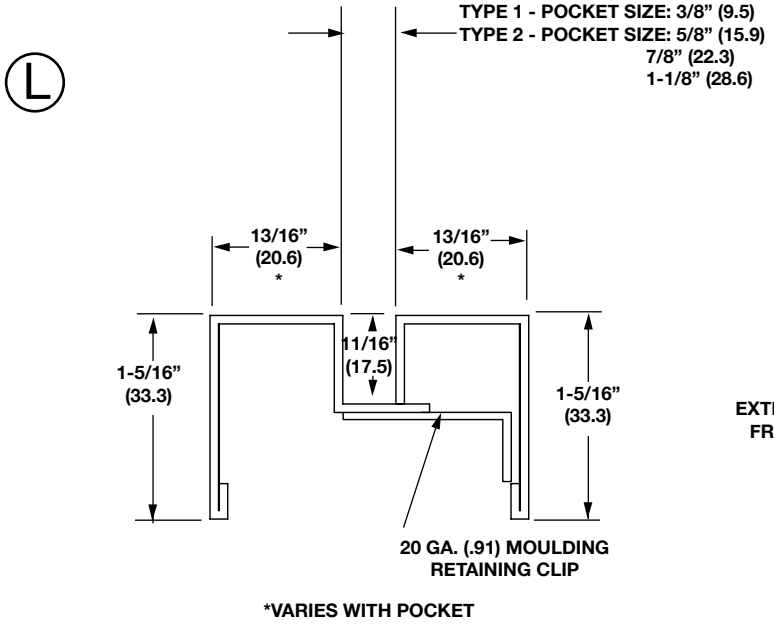
Ⓛ



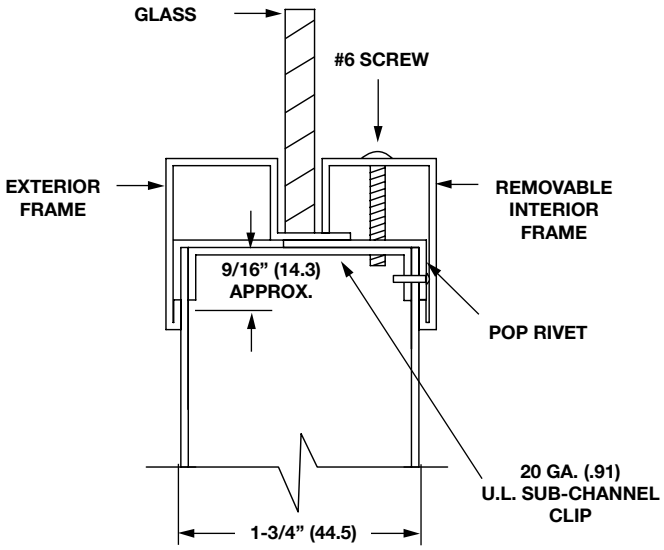
DOOR VISION LITE KIT (OLD STYLE)

TYPE 1 & 2

SEE PAGE 347 FOR CURRIES STANDARD WINDOW KIT INFORMATION.

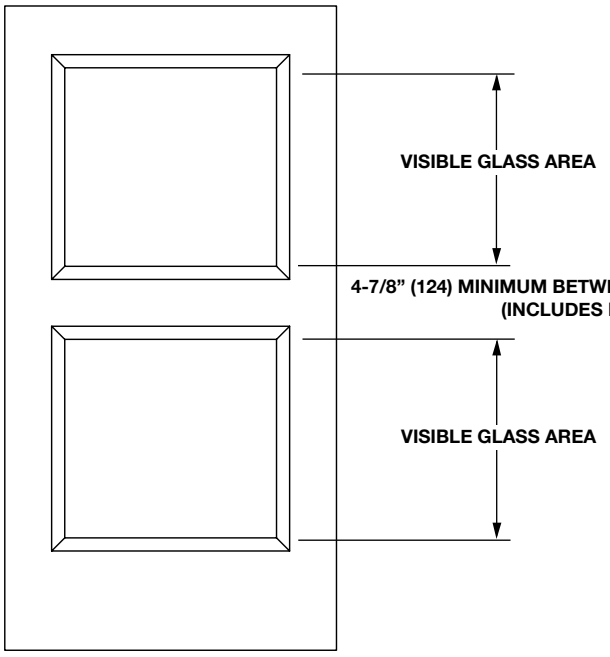


NOTE: PLEASE NOTE WHEN KITS SHOULD BE USED ON 14 GAUGE DOORS.

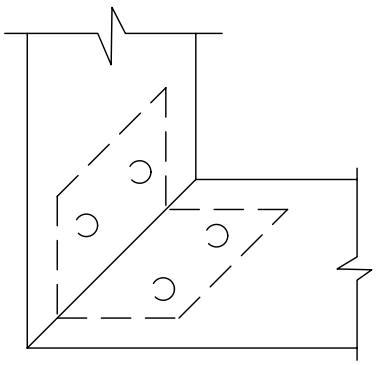


18 GA. (1.2) GALVANIZED STEEL VISION LITE FRAME

STEEL VISION LITE FRAME KITS AND STICK LENGTH PARTS ARE AVAILABLE FOR USE ON 847 SERIES DOORS.



NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.



CORNER DETAIL WITH CORNER CLIP WELDED IN

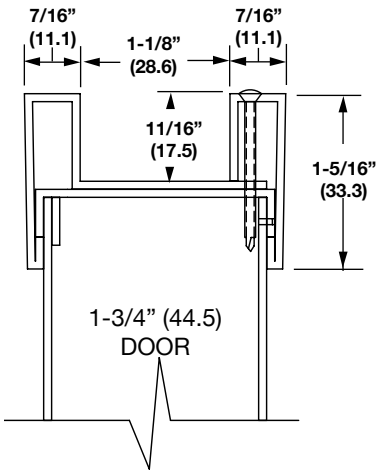
WIDE POCKET GLASS MOULDING

TYPE 2 (OLD STYLE KITS)

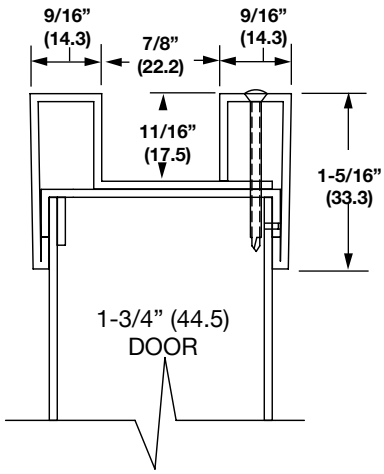
SEE PAGE 347FOR CURRIES STANDARD WINDOW KIT INFORMATION.

Ⓛ

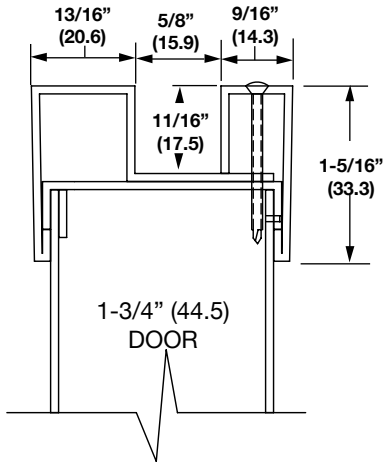
1-1/8" POCKET



7/8" POCKET



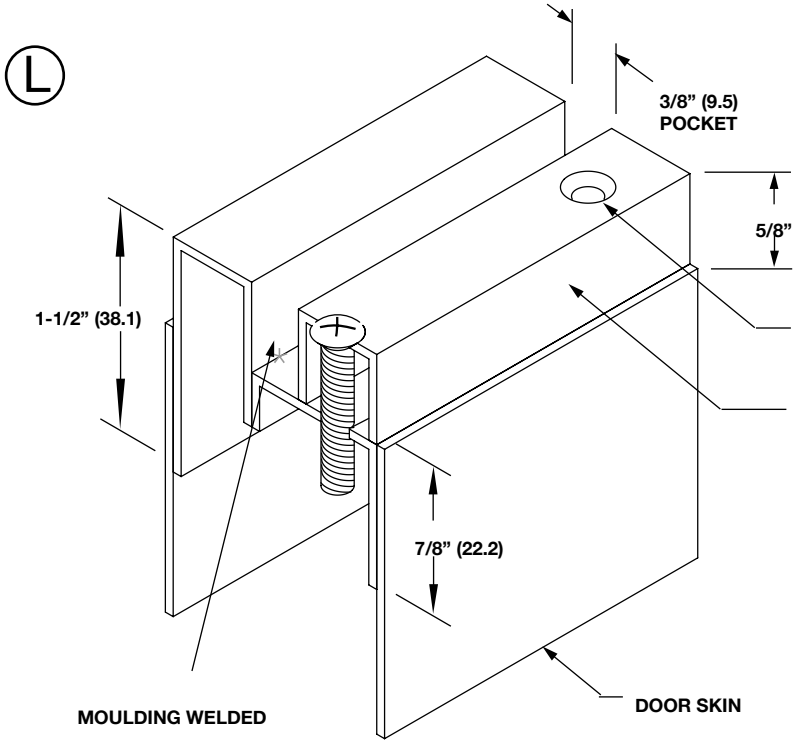
5/8" POCKET



CONCEALED GLASS MOULDING. TYPE 3

TYPE 3

3/8", 1/2" AND 5/8" POCKETS ONLY
1-3/4" DOORS ONLY

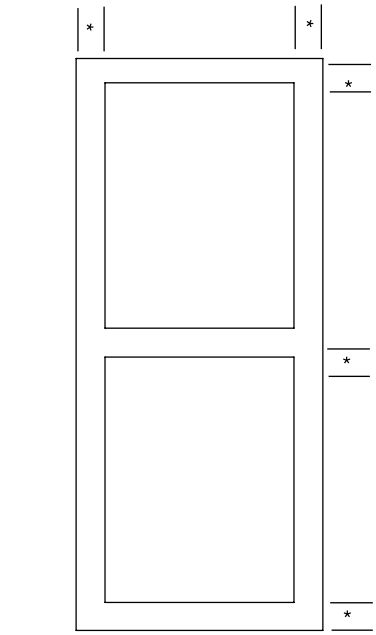


GLASS THICKNESS PLUS.125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
CUTOUT SIZE IS 1-1/4" LARGER THAN VISIBLE

THIS SURFACE PUNCHED AND COUNTERSUNK, ON CENTER, FOR #6-20 OVAL HEAD SCREW.

REMOVABLE MOULDING

NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.



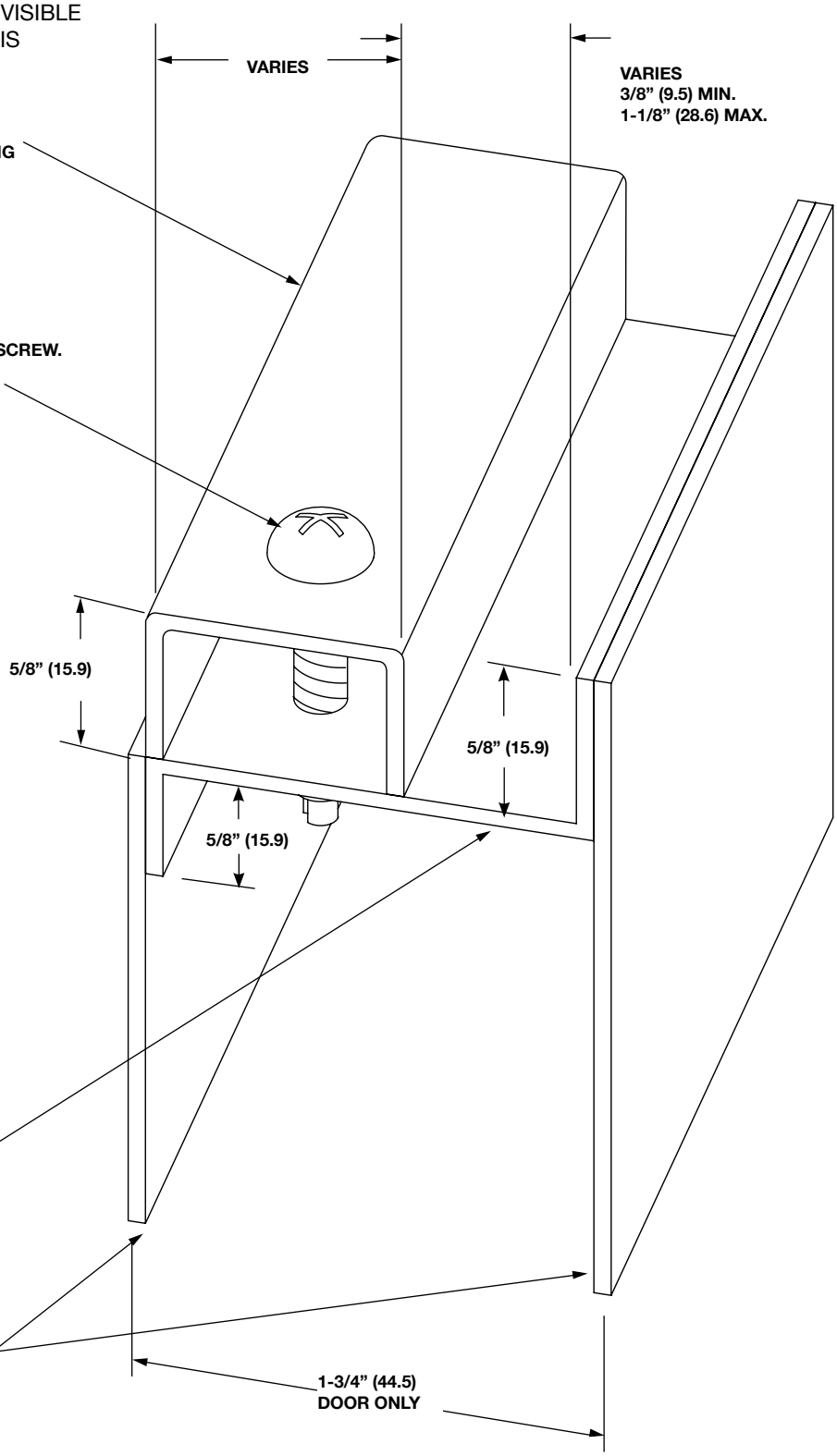
* 3-1/8" (79.3) MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 3 MOULDING. "NO FIRE LISTING," LIMITED HARDWARE.

SPECIAL CONCEALED MOULDING - "Z" TYPE 4

TYPE 4

GLASS THICKNESS PLUS.125 = POCKET
GLASS SIZE IS 1" LARGER THAN VISIBLE
REMOVABLE SIDE CUTOUT SIZE IS
1-1/4" LARGER THAN VISIBLE

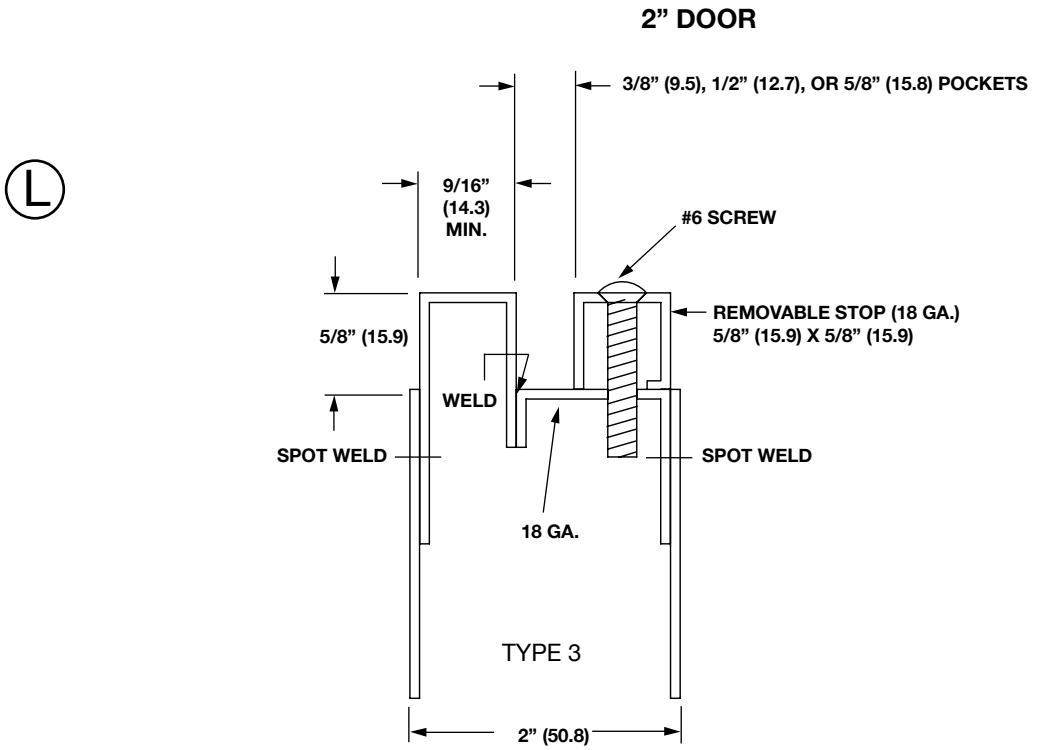
Ⓛ



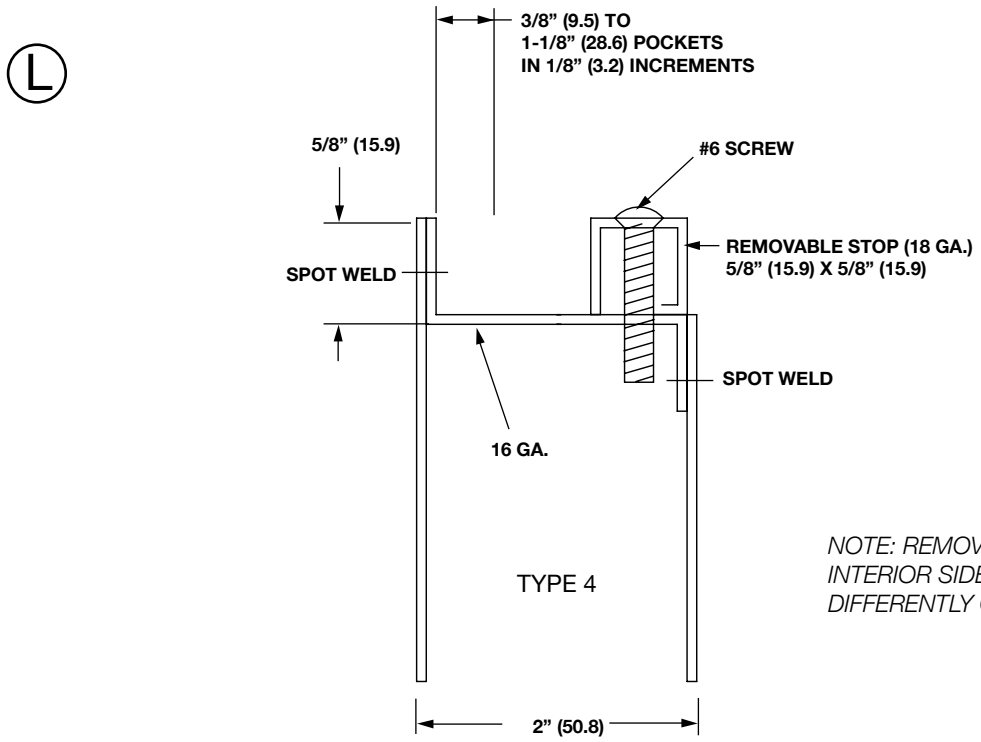
NOTE: REMOVABLE MOULDING IS TO BE ON INTERIOR SIDE OF DOOR UNLESS NOTED DIFFERENTLY ON THE ORDER.

857 STANDARD 18 GA. CONCEALED MOULDING

TYPE 3 CONCEALED MOULDING 18 GA. (1.2)



TYPE 4 CONCEALED MOULDING WIDE POCKET 18 GA. (1.2)



NOTE: REMOVABLE MOULDING IS TO BE ON INTERIOR SIDE OF DOOR UNLESS NOTED DIFFERENTLY ON THE ORDER

WINDOW KIT POCKET SIZES

GLASS THICKNESS		POCKET SIZE
TYPE 1 AND 2 CURRIES AND WOODGRAIN KITS		
0.1875” TO 0.25”	STANDARD POCKET	0.3750”
0.3125” TO 0.50”	SPECIAL POCKET	0.6250”
0.5625” TO 0.75”	SPECIAL POCKET	0.8750”
0.8125” TO 1.00”	SPECIAL POCKET	1.1250”
TYPE 3 KIT		
0.25”	STANDARD POCKET	0.375”
0.375”	SPECIAL POCKET	0.50”
0.50”	SPECIAL POCKET	0.625”
TYPE 4 KIT		
0.25”	STANDARD POCKET	0.375”
0.375”	SPECIAL POCKET	0.50”
0.50”	SPECIAL POCKET	0.625”
0.625”	SPECIAL POCKET	0.75”
0.75”	SPECIAL POCKET	0.875”
0.875”	SPECIAL POCKET	1.00”
1.00”	SPECIAL POCKET	1.125”
TYPE 7 KIT		
0.25”	STANDARD POCKET	0.375
0.375”	SPECIAL POCKET	0.50”
0.5”	SPECIAL POCKET	0.625”
0.625”	SPECIAL POCKET	0.750”
0.75”	SPECIAL POCKET	0.875”
TYPE 8 KIT		
0.25”	STANDARD POCKET	0.375
0.375”	SPECIAL POCKET	0.50”
0.50”	SPECIAL POCKET	0.625”
0.625”	SPECIAL POCKET	0.75”
0.75”	SPECIAL POCKET	0.875”
0.875”	SPECIAL POCKET	1.00”
1.00”	SPECIAL POCKET	1.125”
1.125”	SPECIAL POCKET	1.250”
1.25”	SPECIAL POCKET	1.375”
1.375”	SPECIAL POCKET	1.50”
1.50”	SPECIAL POCKET	1.625”
TYPE 9 AND 10 ASSA KITS		
0.1875” TO 0.3125”	STANDARD POCKET	0.375”
0.375” TO 0.50”	SPECIAL POCKET	0.5625”
0.5625” TO 0.75”	SPECIAL POCKET	0.8125”
0.8125” TO 1.00”	SPECIAL POCKET	1.0625”

GLASS MOULDING TYPE 7

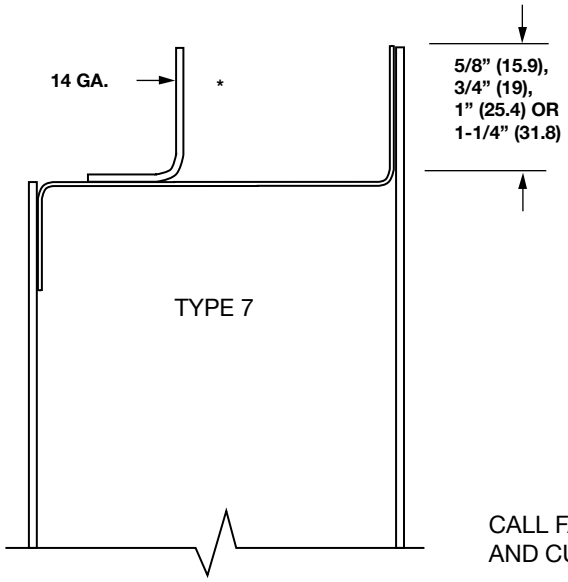
Ⓛ

** POCKET SIZE 3/8" (9.5), 1/2" (12.7), 5/8" (15.9), 3/4" (19.1), 7/8" (22.2),*

FOR 1-3/4" (44.45) DOORS

3/8" (9.5) THROUGH 1-1/8" (28.6) IN 1/8" INCREMENTS FOR 2" (50.8) DOORS

GLASS THICKNESS PLUS.
125 = POCKET



TYPE 7

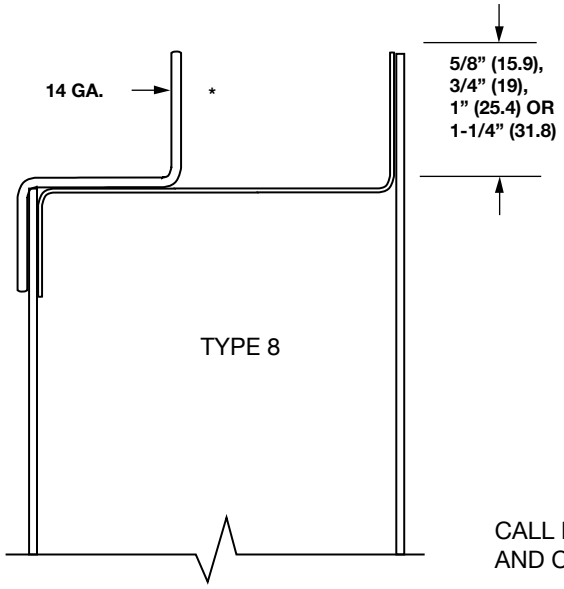
CALL FACTORY FOR GLASS AND CUTOUT SIZE

GLASS MOULDING TYPE 8

** POCKET SIZE*
3/8" (9.5), THROUGH 1-5/8" (41.3) FOR 1-3/4" (44.5) DOORS

3/8" (9.5) THROUGH 1-7/8" (47.6) IN 1/8" INCREMENTS FOR 2" (50.8) DOORS

GLASS THICKNESS PLUS.
125 = POCKET



TYPE 8

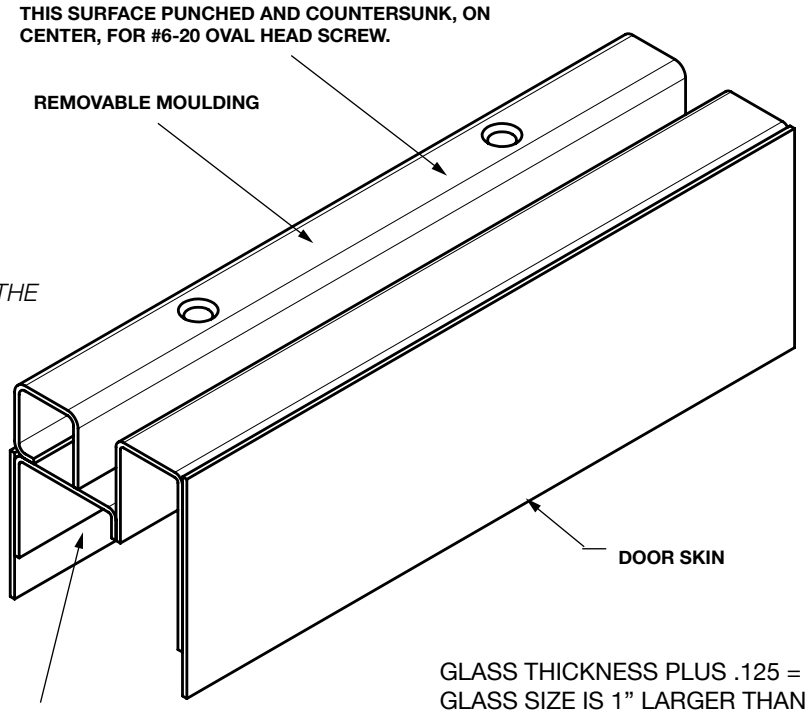
CALL FACTORY FOR GLASS AND CUTOUT SIZE

GLASS MOULDING TYPE 11

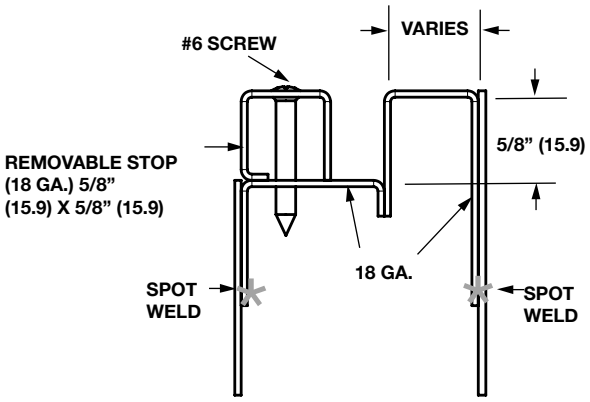
3/8” (9.5), 1/2” (12.7), AND 5/8” (15.8) POCKETS ONLY
1-3/4” (44.5) DOORS ONLY

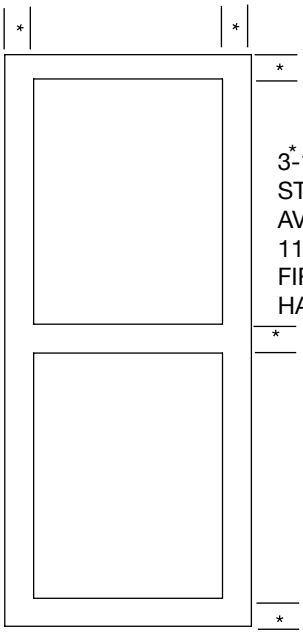
Ⓛ

NOTE:
REMOVABLE MOULDING IS ALWAYS ON THE INTERIOR SIDE UNLESS NOTED DIFFERENTLY ON THE ORDER.



GLASS THICKNESS PLUS .125 = POCKET
GLASS SIZE IS 1” LARGER THAN VISIBLE
REMOVABLE SIDE CUTOUT SIZE IS
1-1/4” LARGER THAN VISIBLE

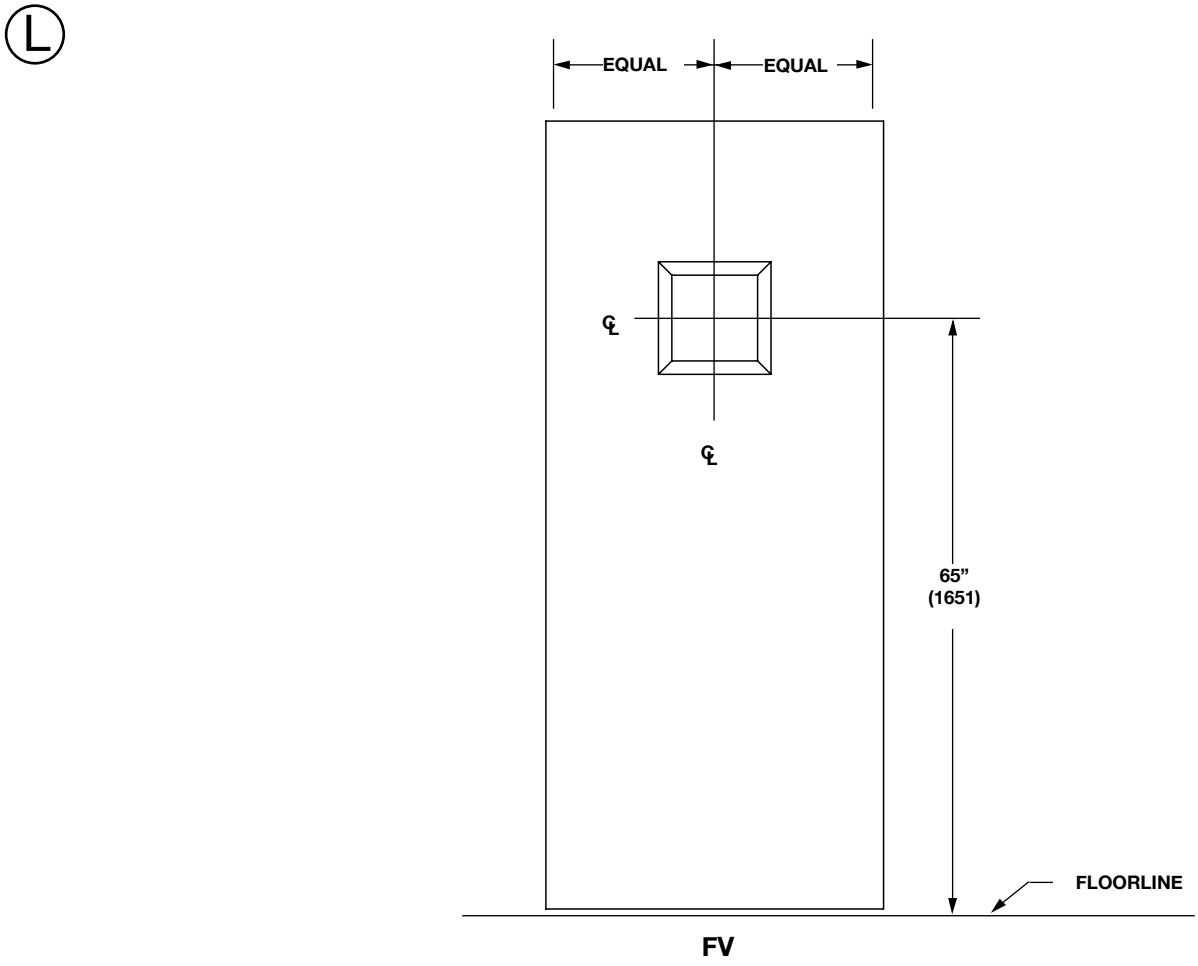




*3-1/8” (79.3) MINIMUM STILE AND RAIL AVAILABLE WITH TYPE 11 MOULDING. “NO FIRE LISTING,” LIMITED HARDWARE.

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FV

TYPE 9 & 10 WINDOW MOULDING



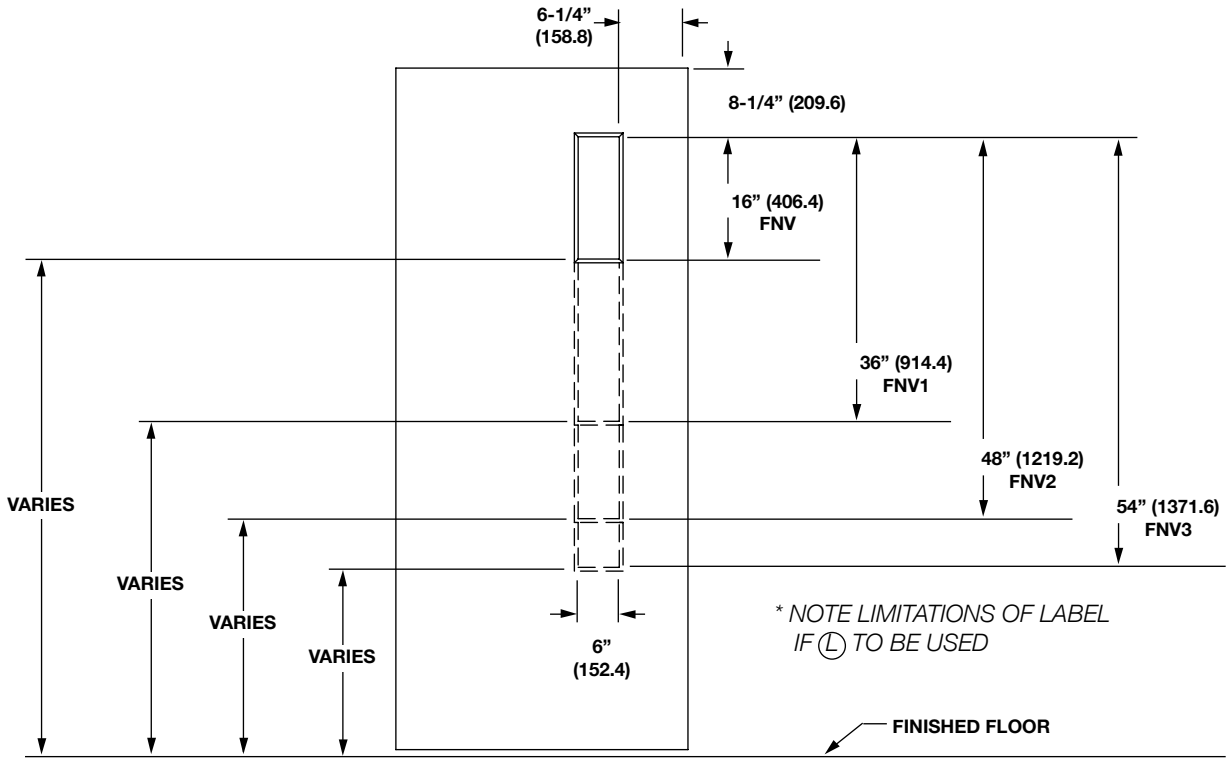
FV

FV	10” (254) X 10” (254)
FV1	12” (304.8) X 12” (304.8)

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FNV

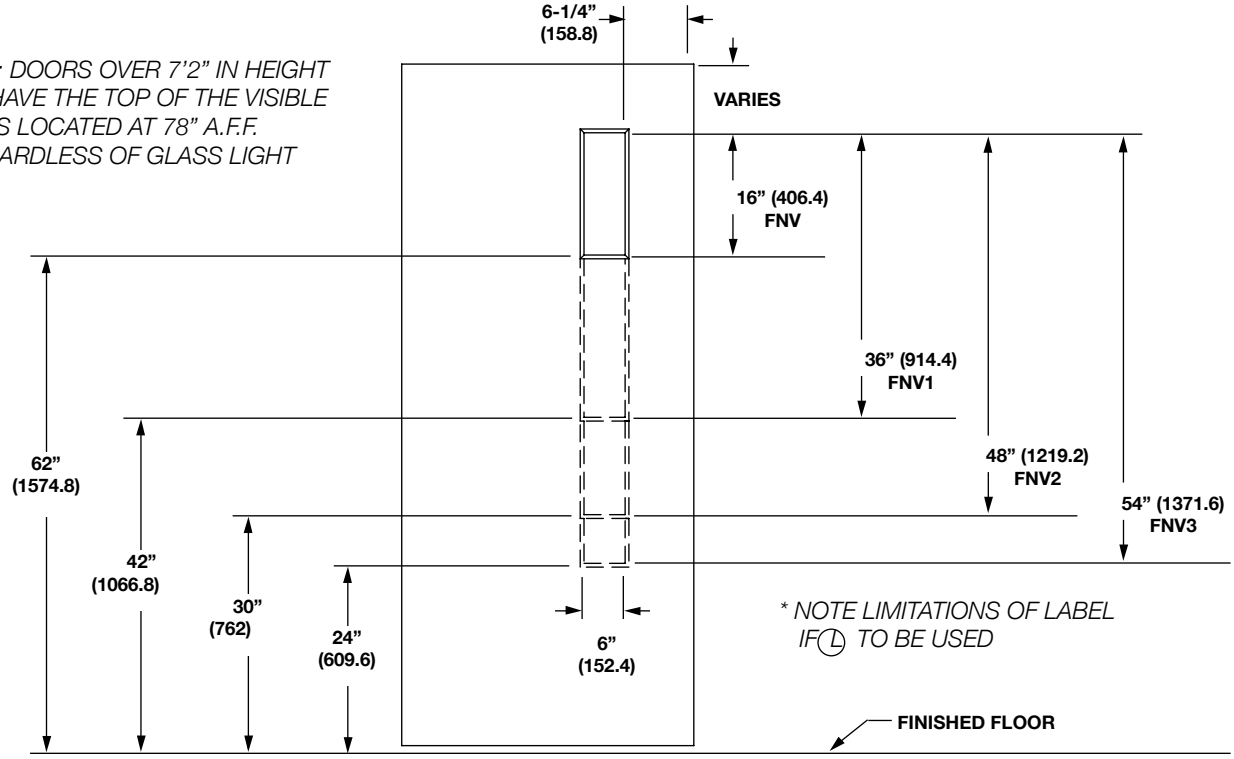
TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)

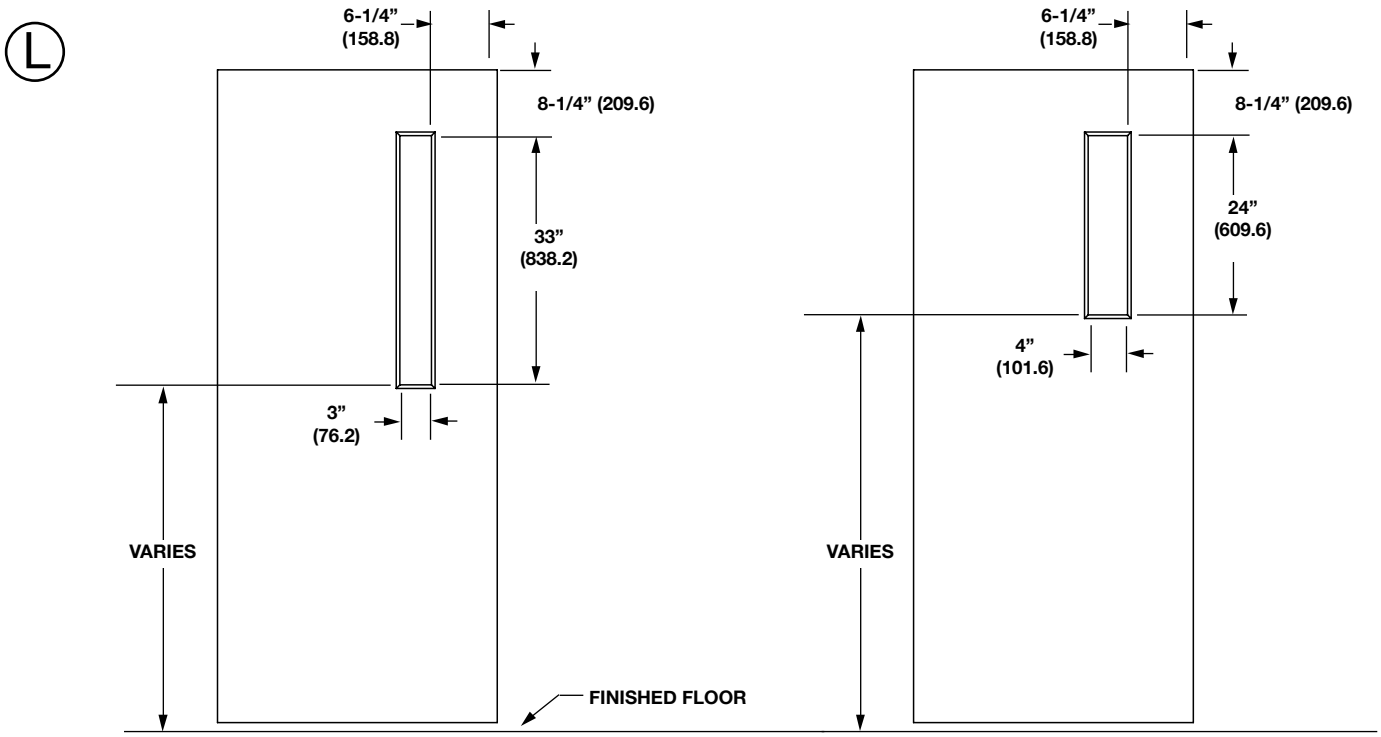
NOTE: DOORS OVER 7'2" IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.



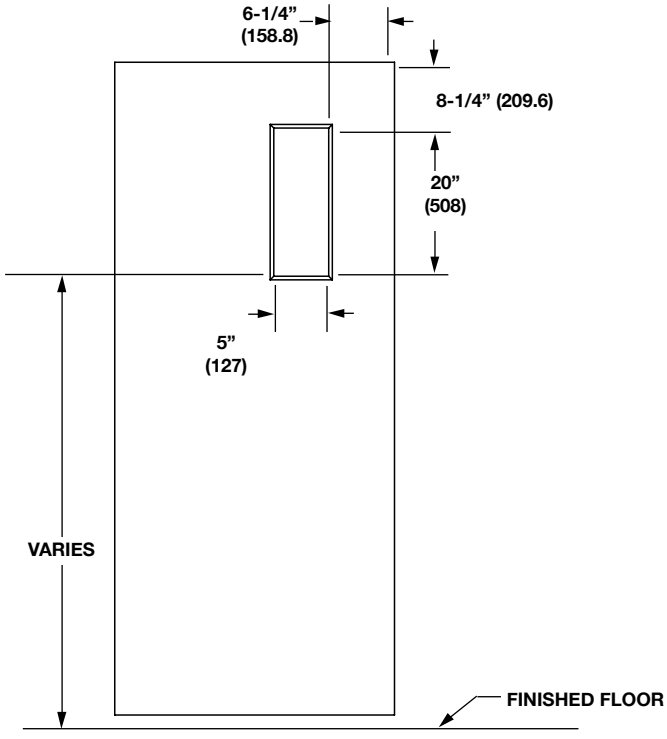
GLASS SIZES (VISIBLE) AND LITE LOCATIONS FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



FNV4 **FNV5**

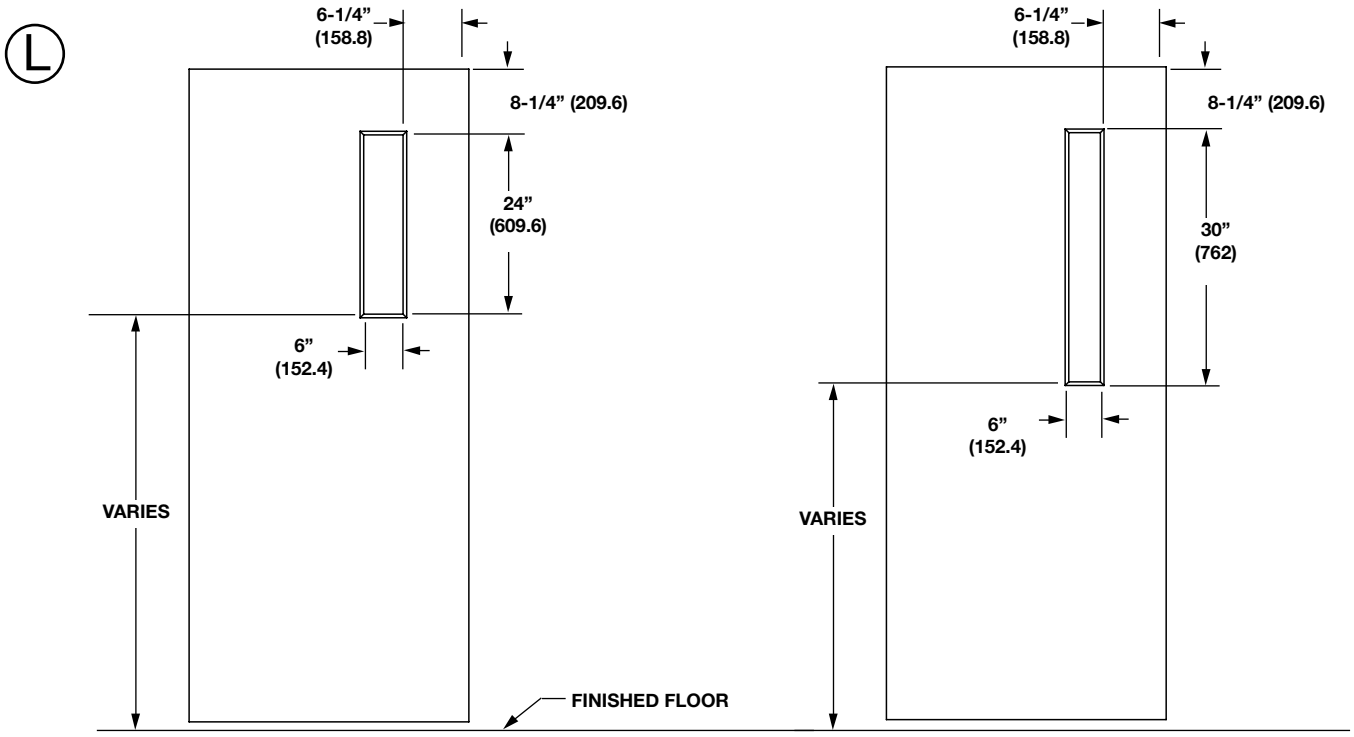


FNV6

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FNV

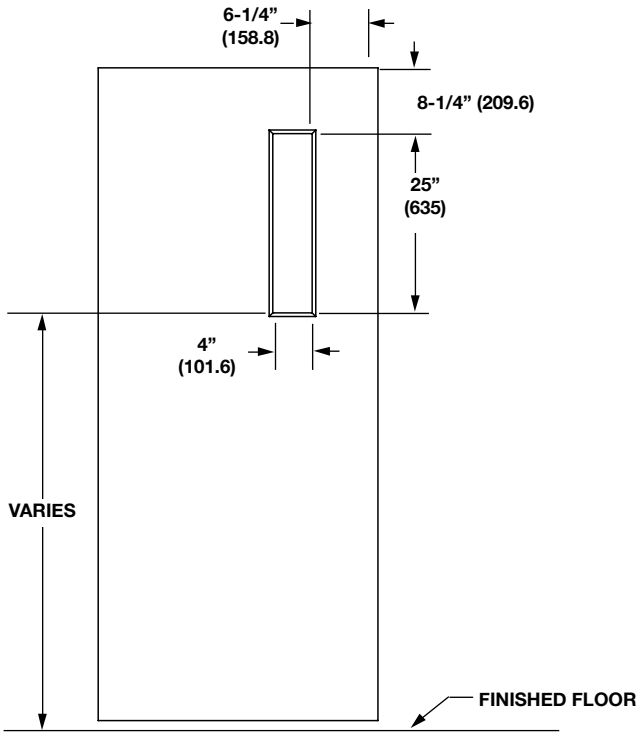
TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



FNV7

FNV8

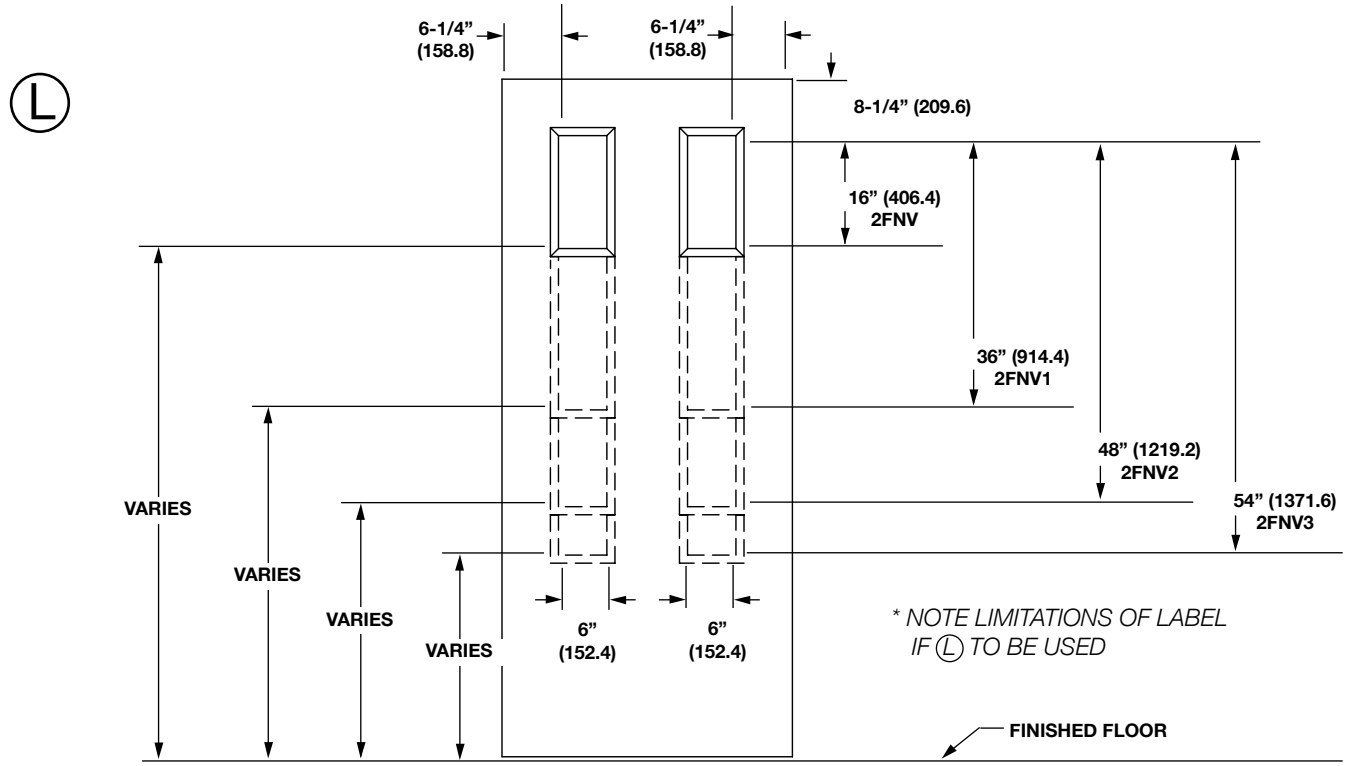


FNV9

GLASS SIZES (VISIBLE) AND LITE LOCATIONS 2FNV

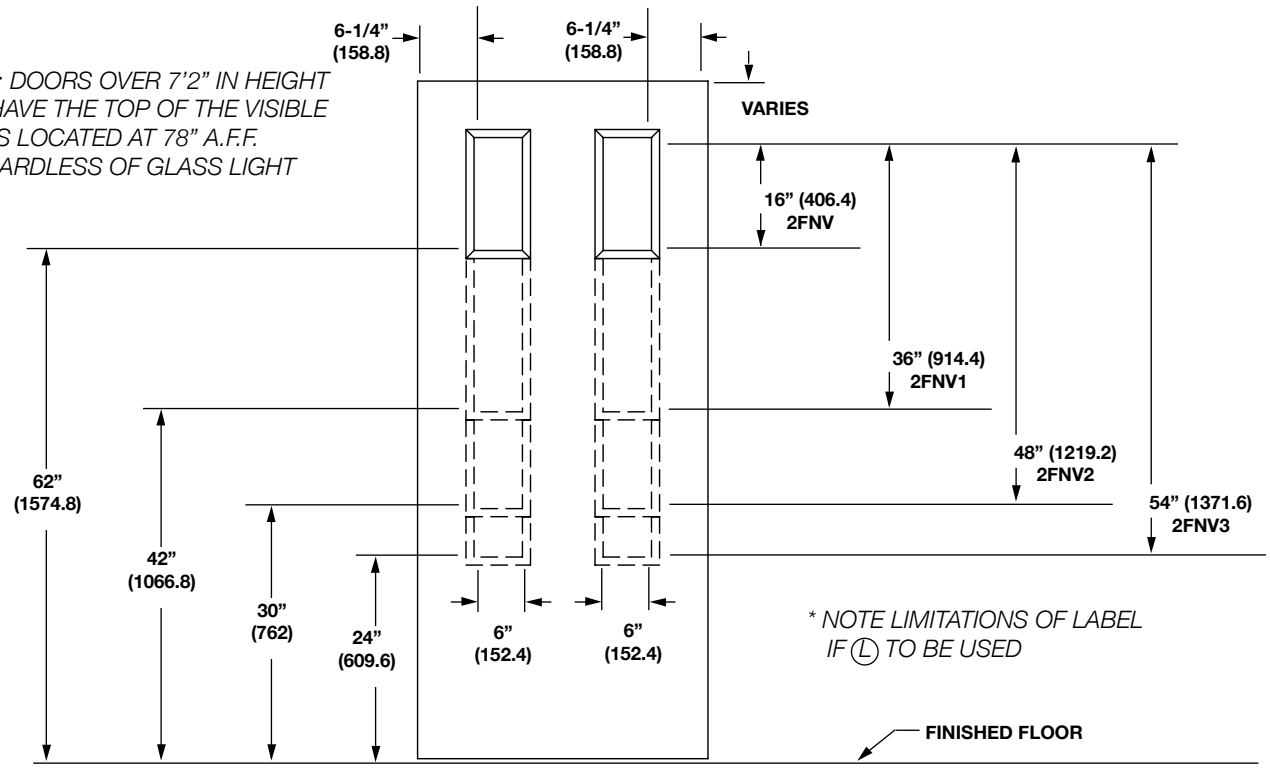
TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



STANDARD LOCATIONS FOR DOORS OVER 7'2" (2184.4)

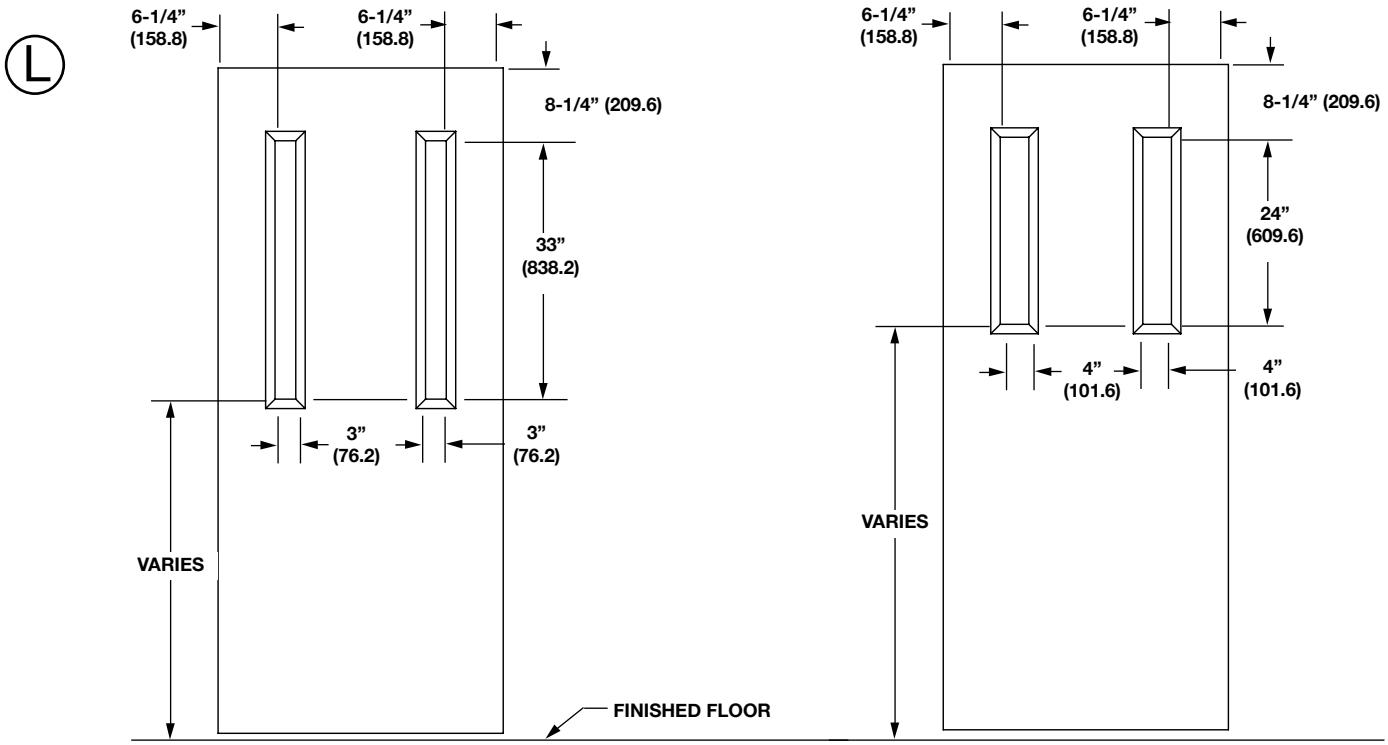
NOTE: DOORS OVER 7'2" IN HEIGHT WILLHAVE THE TOP OF THE VISIBLE GLASS LOCATED AT 78" A.F.F. REGUARDLESS OF GLASS LIGHT SIZE.

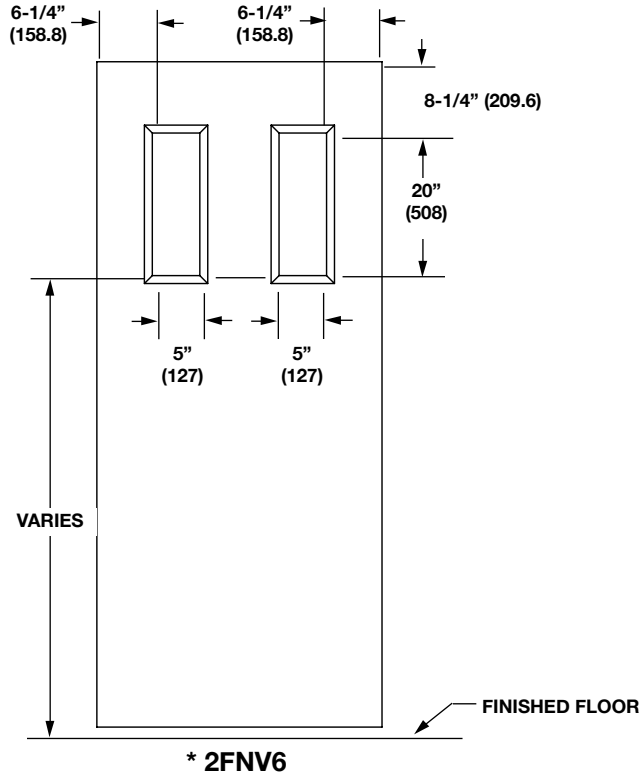


GLASS SIZES (VISIBLE) AND LITE LOCATIONS 2FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS 7'2" (2184.4) AND UNDER



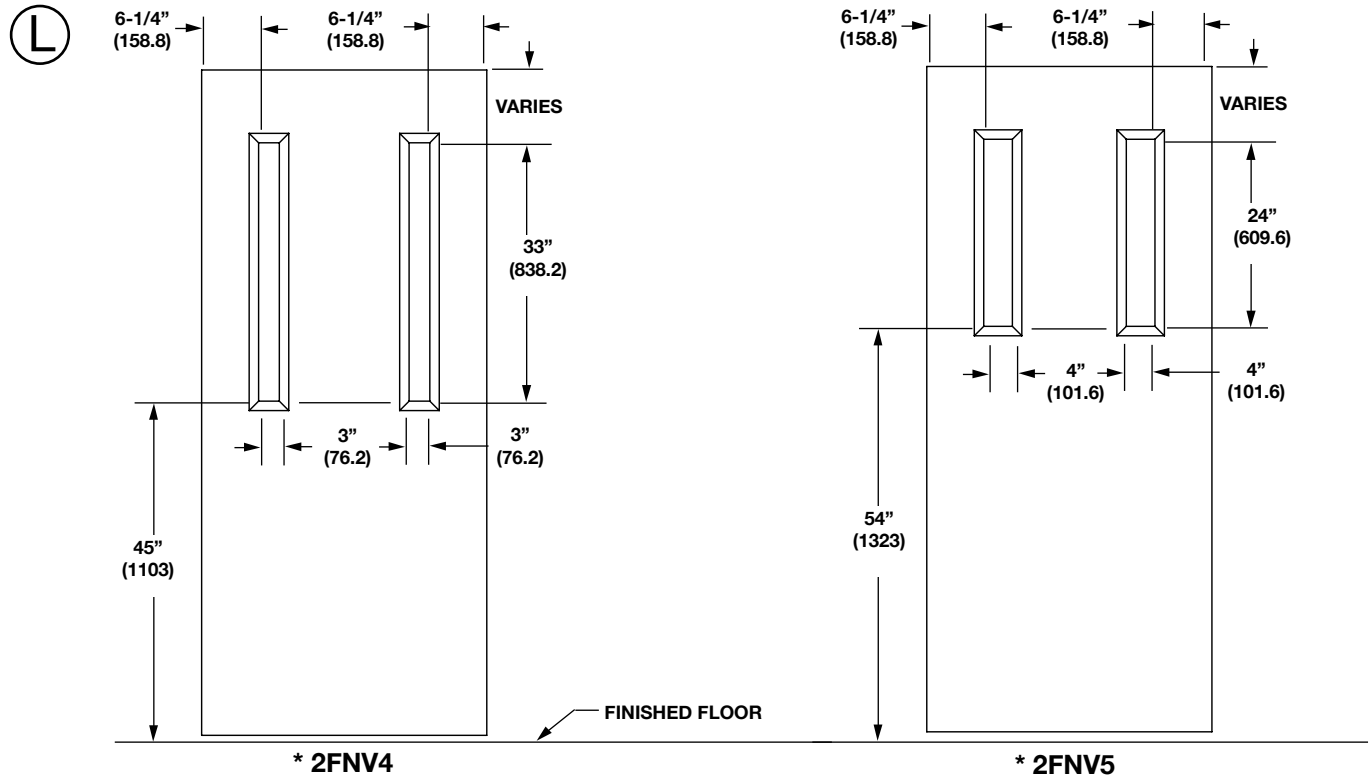


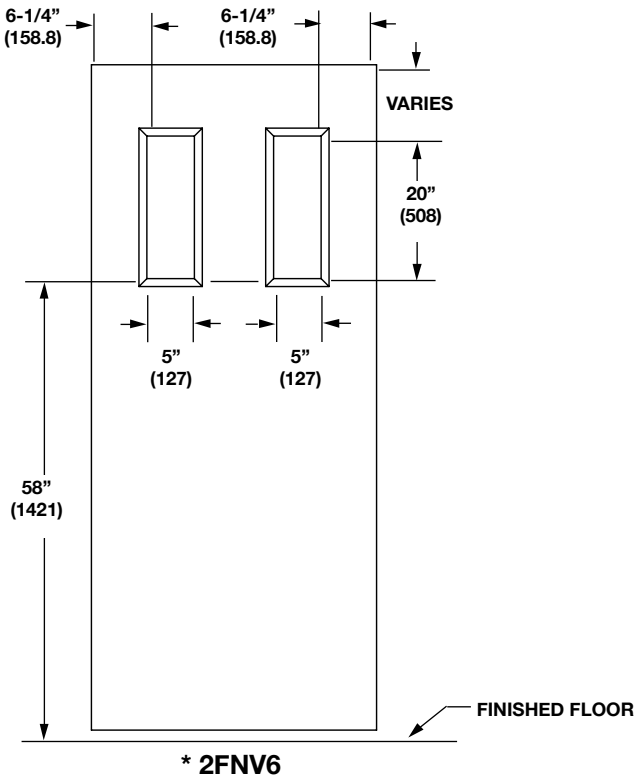
** MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED*

GLASS SIZES (VISIBLE) AND LITE LOCATIONS 2FNV

TYPE 9 & 10 WINDOW MOULDING

STANDARD LOCATIONS FOR DOORS OVER 7'2"

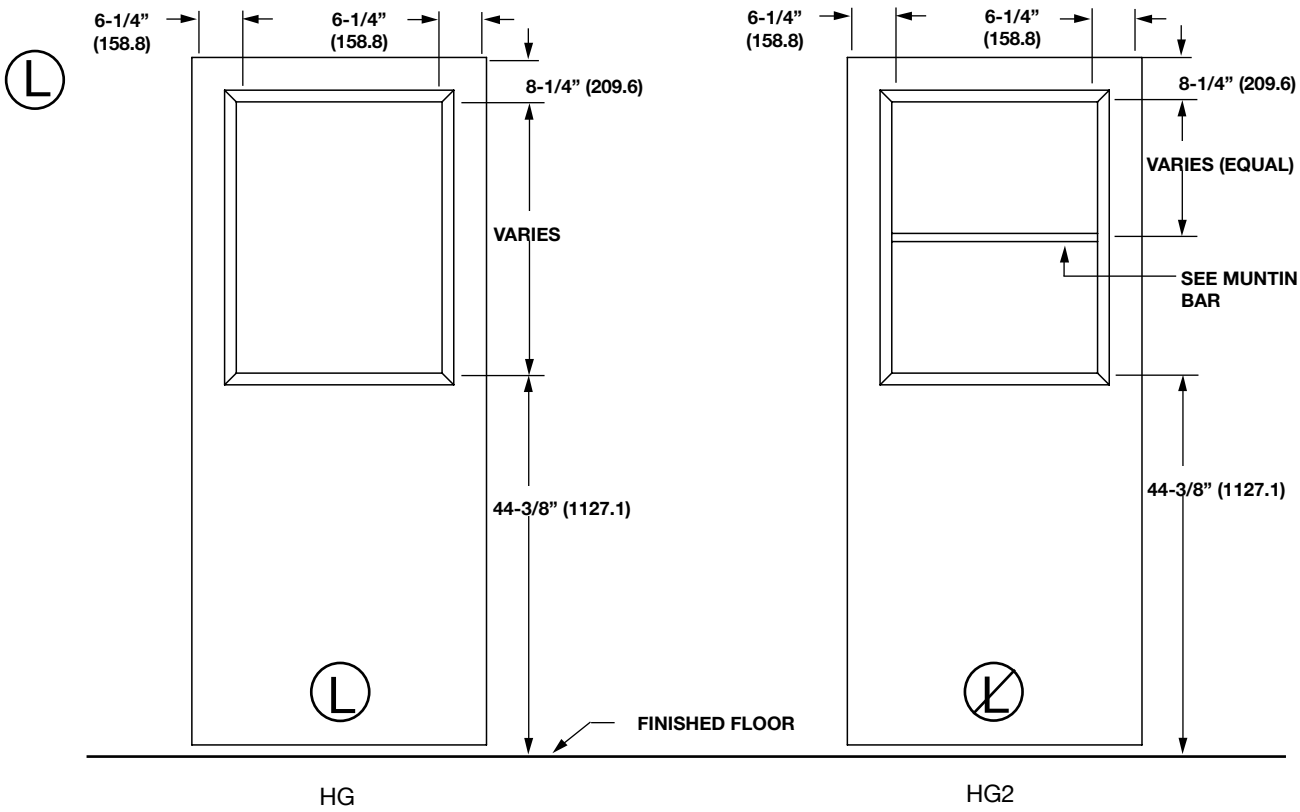




** MINIMUM 6" (152.4) STILES TO BE LABEL APPROVED*

GLASS SIZES (VISIBLE) AND LITE LOCATIONS HG, HG2

TYPE 9 & 10 WINDOW MOULDING



HG HG2

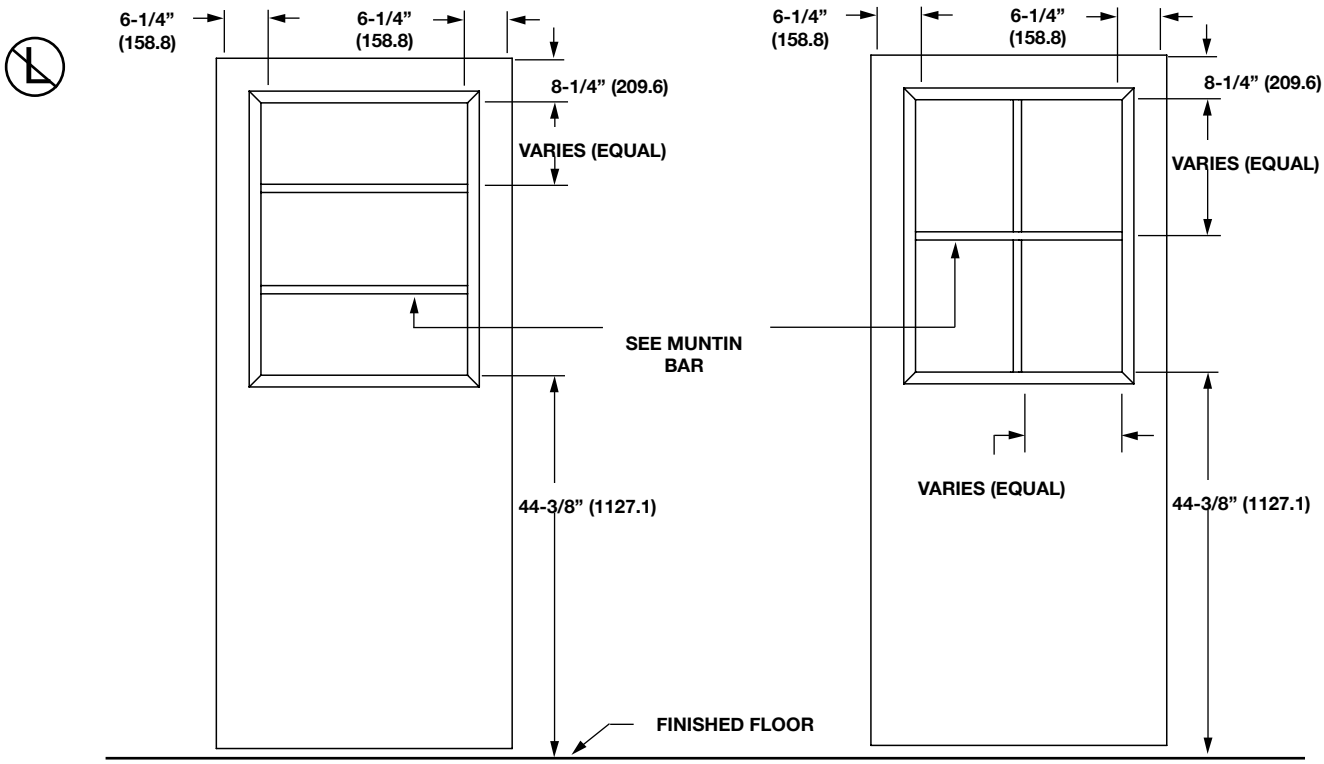
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	27-1/4" (692.1)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	31-1/4" (793.8)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	33-1/4" (844.6)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	13-3/16" (335)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	15-3/16" (385.8)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	16-3/16" (411.2)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS HG3, HG4

TYPE 9 & 10 WINDOW MOULDING



DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	8-1/2" (215.9)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	9-53/64" (249.6)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	10-1/2" (266.7)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

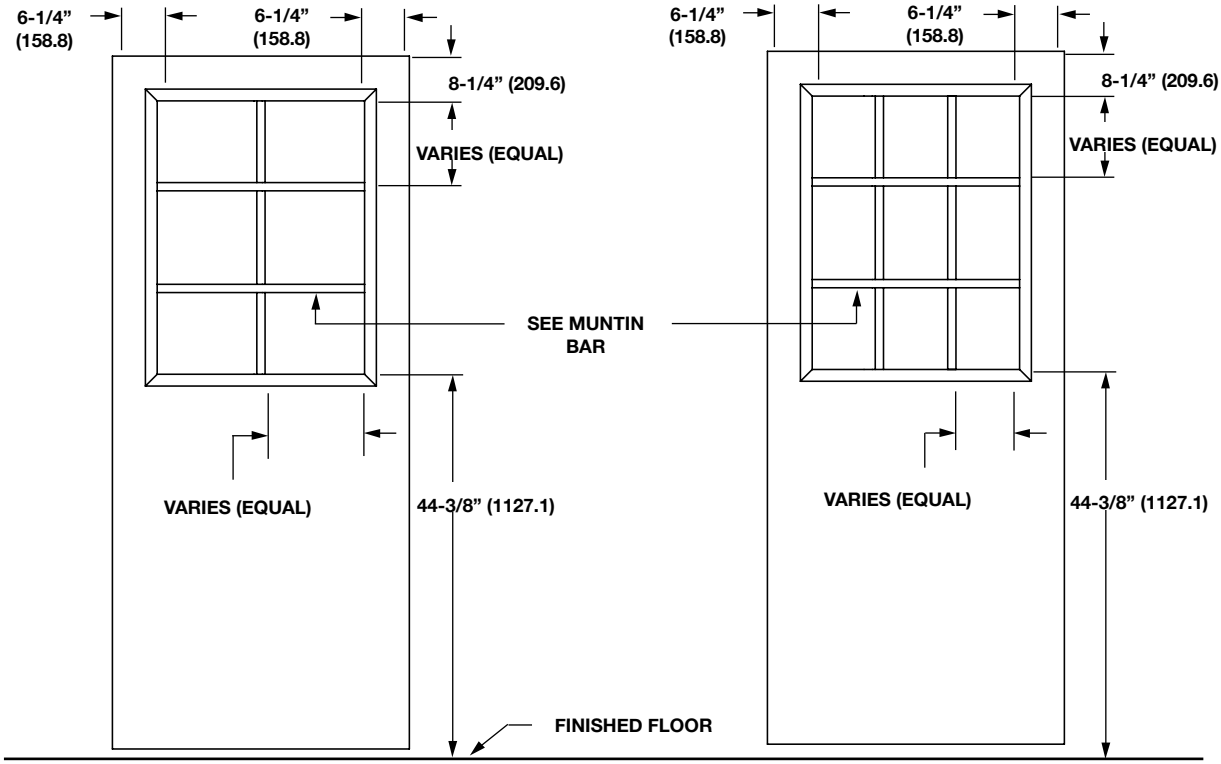
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-7/32" (132.6)		
2'4" (711.2)	7-7/32" (183.4)		
2'6" (762)	8-7/32" (208.8)	6'8" (2032)	13-3/16" (335)
2'8" (812.8)	9-7/32" (234.2)		
2'10" (863.6)	10-7/32" (259.6)		
3'0" (914.4)	11-7/32" (285)	7'0" (2133.6)	15-3/16" (385.8)
3'4" (1016)	13-7/32" (335.8)		
3'6" (1066.8)	14-7/32" (361.2)		
3'8" (1117.6)	15-7/32" (386.6)	7'2" (2184.4)	16-3/16" (411.16)
3'10" (1168.4)	16-7/32" (412)		
4'0" (1219.2)	17-7/32" (437.4)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR.

ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS HG6, HG9

TYPE 9 & 10 WINDOW MOULDING



HG6 HG9

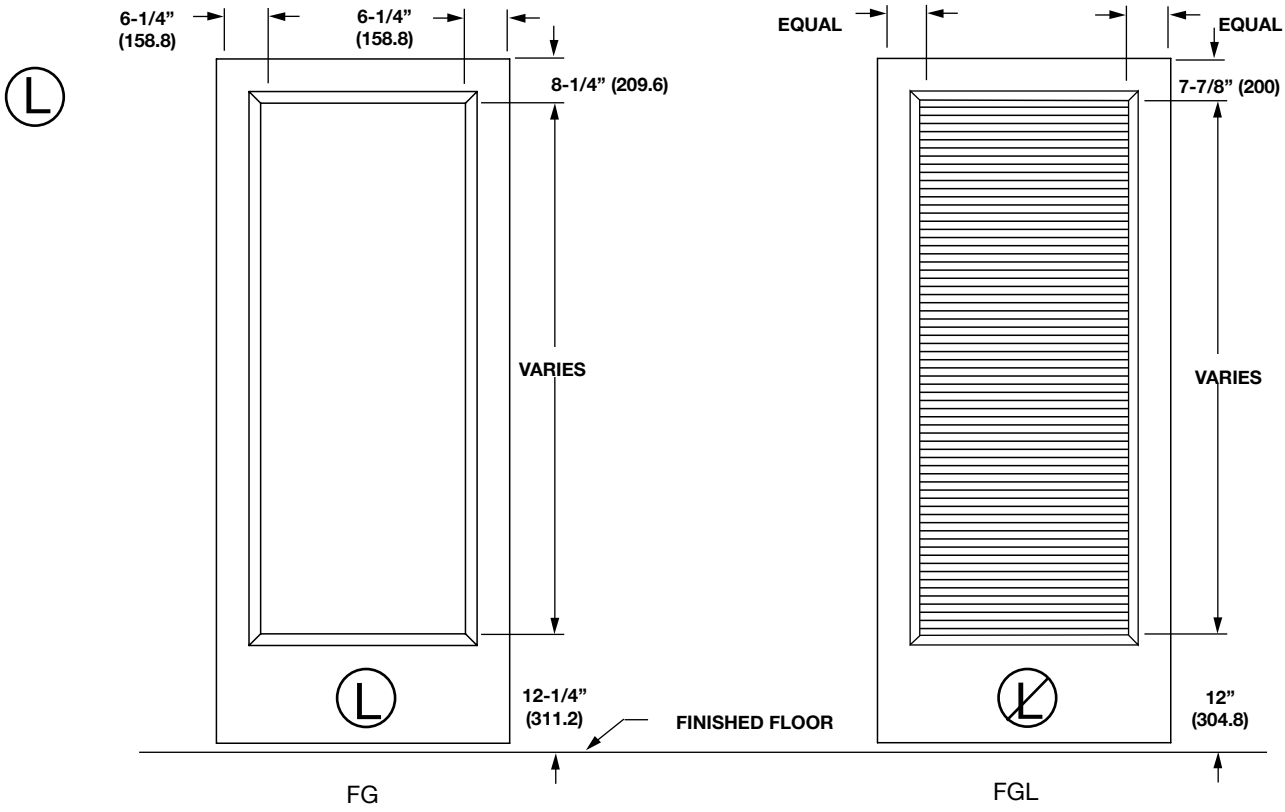
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	5-7/32" (132.6)		
2'4" (711.2)	7-7/32" (183.4)		
2'6" (762)	8-7/32" (208.8)	6'8" (2032)	8-1/2" (215.9)
2'8" (812.8)	9-7/32" (234.2)		
2'10" (863.6)	10-7/32" (259.6)		
3'0" (914.4)	11-7/32" (285)	7'0" (2133.6)	9-53/64" (250)
3'4" (1016)	13-7/32" (335.8)		
3'6" (1066.8)	14-7/32" (361.2)		
3'8" (1117.6)	15-7/32" (386.6)	7'2" (2184.4)	10-1/2" (266.7)
3'10" (1168.4)	16-7/32" (412)		
4'0" (1219.2)	17-7/32" (437.4)		

DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	3-9/64" (79.8)		
2'4" (711.2)	4-29/64" (113.1)		
2'6" (762)	5-9/64" (130.6)	6'8" (2032)	8-1/2" (215.9)
2'8" (812.8)	5-53/64" (148)		
2'10" (863.6)	6-29/64" (164)		
3'0" (914.4)	7-9/64" (181.4)	7'0" (2133.6)	9-53/64" (249.6)
3'4" (1016)	8-29/64" (214.7)		
3'6" (1066.8)	9-9/64" (232.2)		
3'8" (1117.6)	5-53/64" (148)	7'2" (2184.4)	10-1/2" (266.7)
3'10" (1168.4)	10-29/64" (265.5)		
4'0" (1219.2)	11-9/64" (283)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FG, FGL

TYPE 9 & 10 WINDOW MOULDING



FG FGL

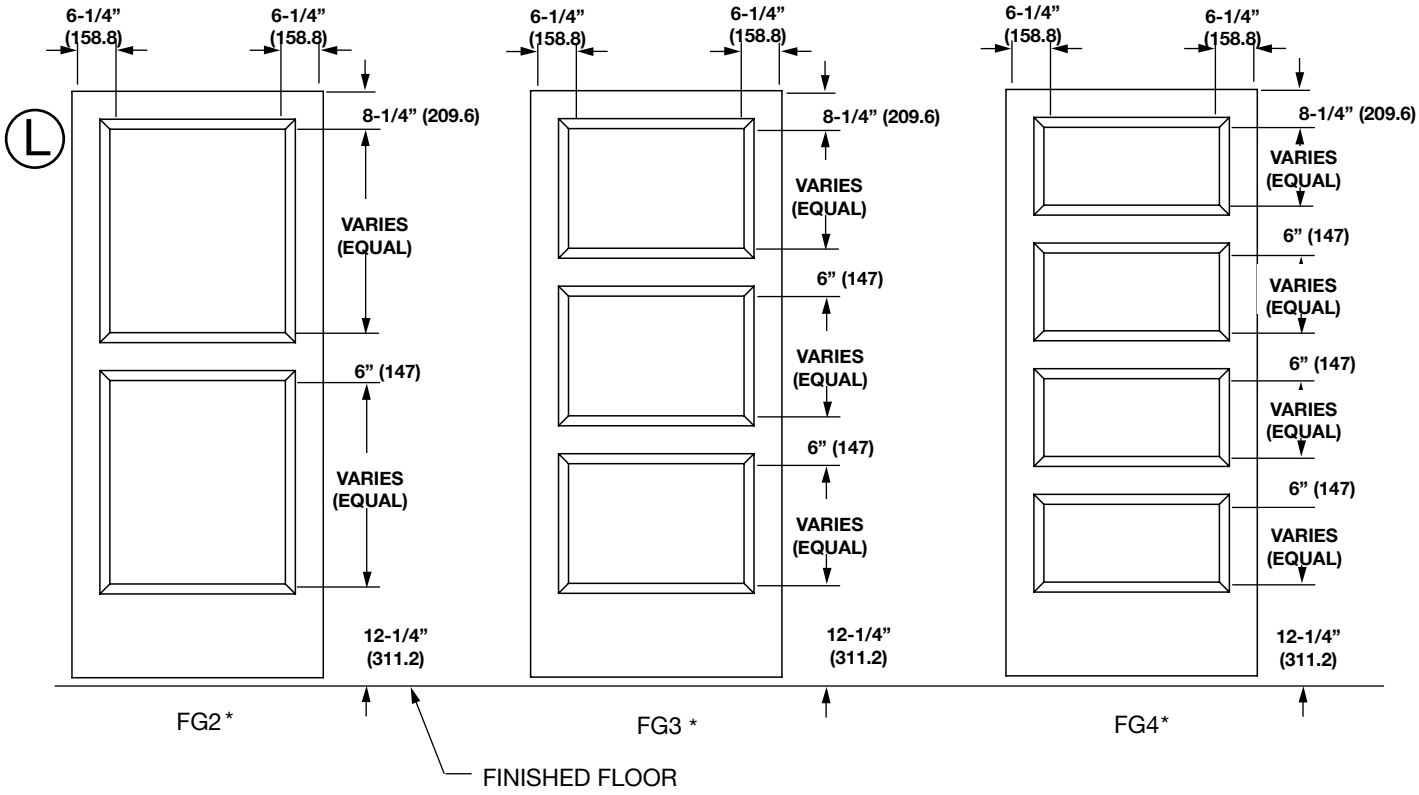
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)		
2'4" (711.2)	15-5/16" (388.9)		
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	59-3/8" (1508.1)
2'8" (812.8)	19-5/16" (490.5)		
2'10" (863.6)	21-5/16" (541.3)		
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	63-3/8" (1609.7)
3'4" (1016)	27-5/16" (693.7)		
3'6" (1066.8)	29-5/16" (744.5)		
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	65-3/8" (1660.5)
3'10" (1168.4)	33-5/16" (846.1)		
4'0" (1219.2)	35-5/16" (896.9)		

DOOR WIDTH	VISIBLE WIDT	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	12" (304.8)		
2'4" (711.2)	16" (406.4)		
2'6" (762)	18" (457.2)	6'8" (2032)	60" (1524)
2'8" (812.8)	20" (508)		
2'10" (863.6)	22" (558.8)		
3'0" (914.4)	24" (609.6)	7'0" (2133.6)	64" (1625.6)
3'4" (1016)	28" (711.6)		
3'6" (1066.8)	30" (762)		
3'8" (1117.6)	32" (812.8)	7'2" (2184.4)	66" (1676.4)
3'10" (1168.4)	34" (863.6)		
4'0" (1219.2)	36" (914.4)		

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. OVER 8'0" (2438.4) A MAXIMUM 44" (1117.6) VISIBLE HEIGHT IS AVAILABLE ON HG TYPE DOORS. OVER 44" (1117.6) VISIBLE HEIGHT IS CONSIDERED A FG DOOR. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

GLASS SIZES (VISIBLE) AND LITE LOCATIONS FG2, FG3, FG4

TYPE 9 & 10 WINDOW MOULDING



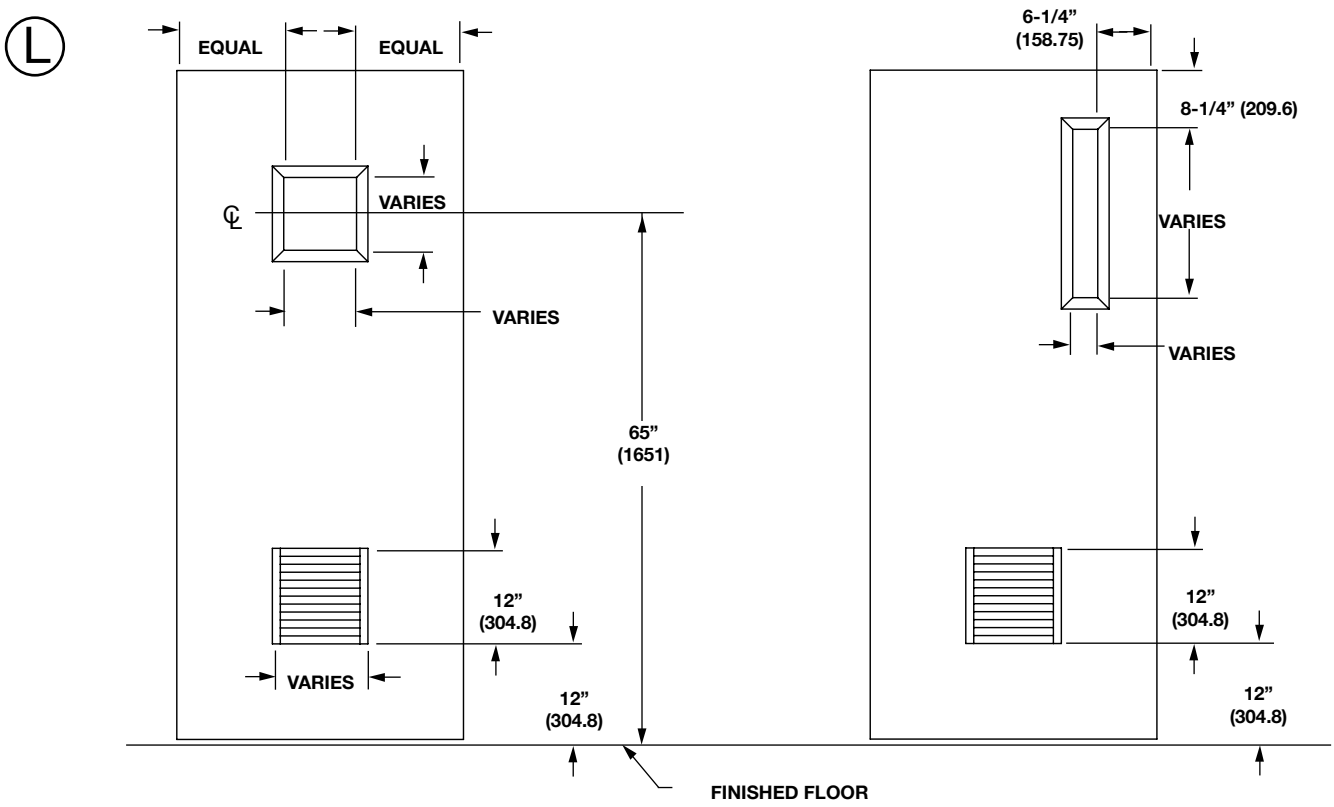
* *NOTE: A MINIMUM 6" STILE AND 6" RAIL IS REQUIRED FOR FIRE LABEL LISTED DOOR)*

		FG2		FG3		FG4	
DOOR WIDTH	VISIBLE WIDTH	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT	DOOR HEIGHT	VISIBLE HEIGHT
2'0" (609.6)	11-5/16" (287.3)						
2'4" (711.2)	15-5/16" (388.9)						
2'6" (762)	17-5/16" (439.7)	6'8" (2032)	26-11/16" (653.8)	6'8" (2032)	15-13/16" (401.6)	6'8" (2032)	10-3/8" (263.5)
2'8" (812.8)	19-5/16" (490.5)						
2'10" (863.6)	21-5/16" (541.3)						
3'0" (914.4)	23-5/16" (592.1)	7'0" (2133.6)	28-11/16" (702.8)	7'0" (2133.6)	17-1/8" (435)	7'0" (2133.6)	11-3/8" (288.9)
3'4" (1016)	27-5/16" (693.7)						
3'6" (1066.8)	29-5/16" (744.5)						
3'8" (1117.6)	31-5/16" (795.3)	7'2" (2184.4)	29-11/16" (727.3)	7'2" (2184.4)	15-13/16" (401.6)	7'2" (2184.4)	11-7/8" (301.6)
3'10" (1168.4)	33-5/16" (846.1)						
4'0" (1219.2)	35-5/16" (896.9)						

NOTE: FOR DOORS OVER 7'2" (2184.4) UP TO AND INCLUDING 8'0" (2438.4) STILE AND RAIL DIMENSIONS SHOWN ARE MAINTAINED. ALWAYS INDICATE LOCATION OF LIGHT ON DOOR FACE WHEN ORDERING DOORS OVER 8'0" (2438.4).

FACE TYPE LOCATION FVL, FNVL

TYPE 9 & 10 WINDOW MOULDING



FVL
FV = FULL VISION STANDARDS
L = LOUVER STANDARDS

FNVL
FNV = FULL NARROW VISION STANDARDS
L = LOUVER STANDARDS

EXAMPLE: FV1L2
12" X 12" (305 X 305) FULL VISION LITE
18" X 12" (457 X 305) LOUVER

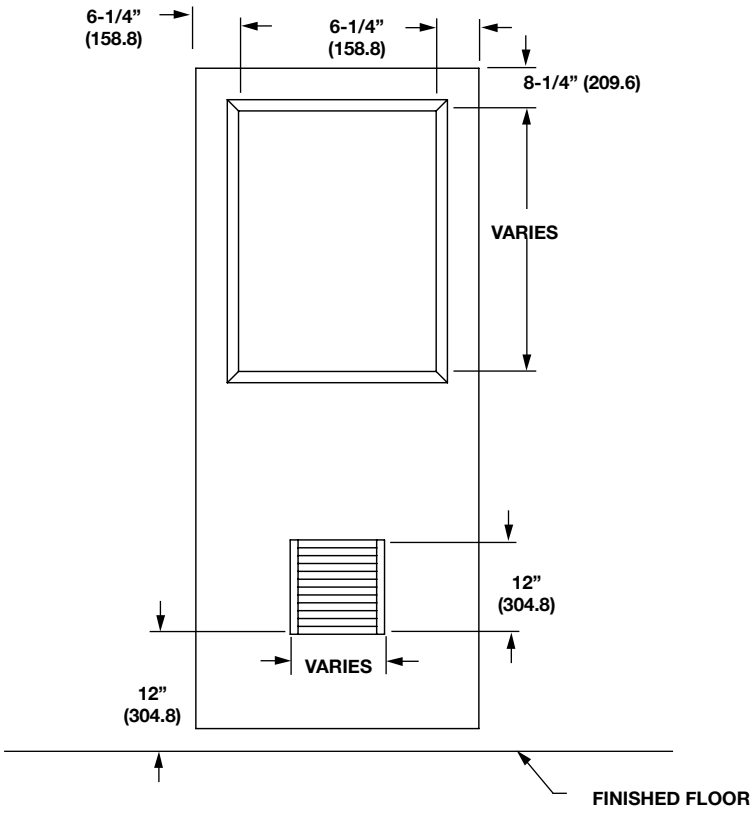
EXAMPLE: FNV1L2
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

FACE TYPE LOCATIONS HGL

TYPE 9 & 10 WINDOW MOULDING

Ⓛ



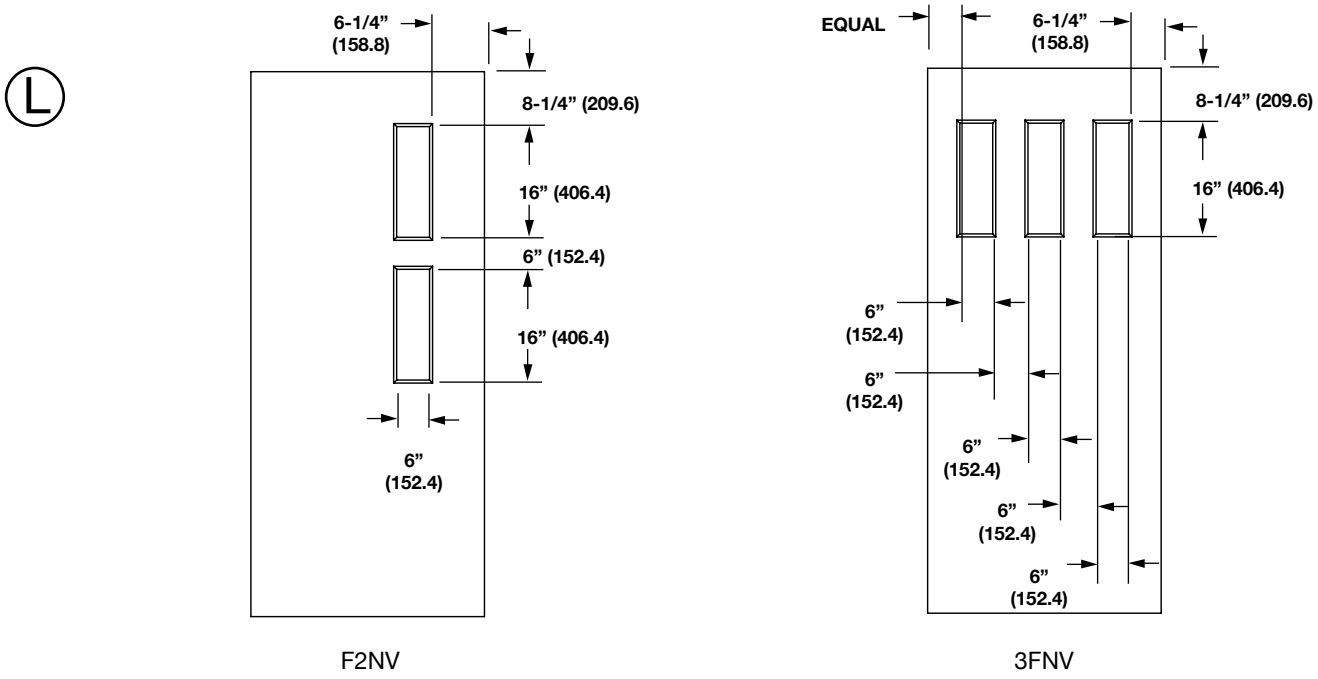
HGL
HG = HALF GLASS STANDARDS
L = LOUVER STANDARDS

EXAMPLE: HGL2
WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

GLASS SIZES (VISIBLE) AND LITE LOCATIONS F2NV, 3FNV

TYPE 9 & 10 WINDOW MOULDING

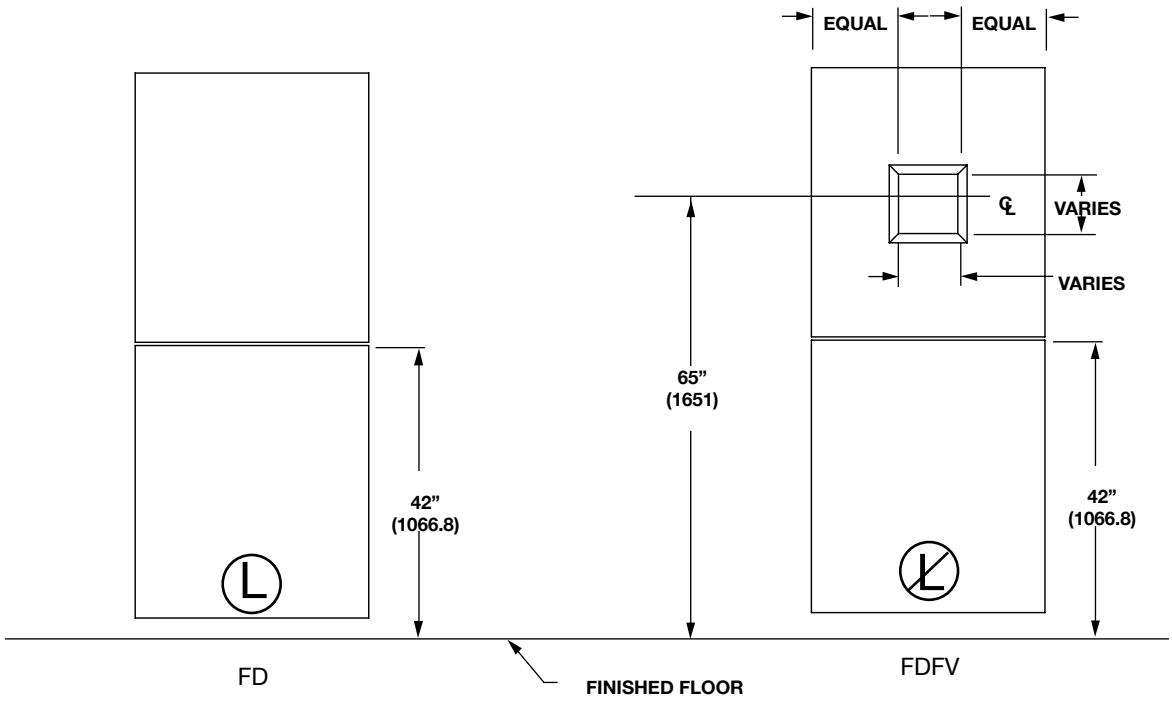


F2NV 3FNV

DOOR WIDTH FOR 3FNV MUST BE AT LEAST 3'7" (1092.2) WIDE!

* *NOTE: MINIMUM 6" STILES TO BE FIRE LABEL LISTED.*

FACE TYPE LOCATIONS FD, FDFV

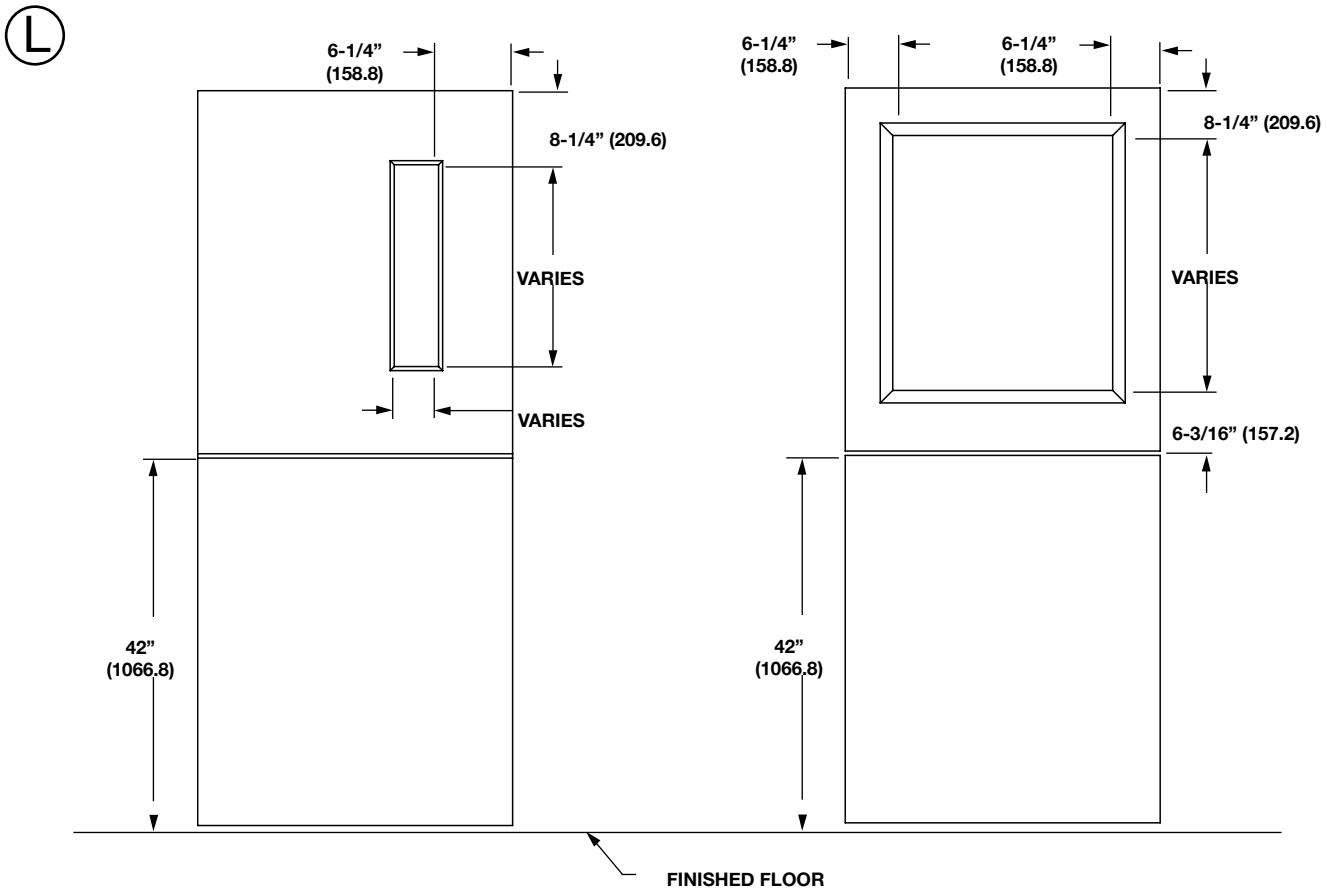


FD FDFV

FDFV	10" (254) X 10" (254)
FDFV1	12" (304.8) X 12" (304.8)

FACE TYPE LOCATIONS FDFNV, FDHG

TYPE 9 & 10 WINDOW MOULDING



FDFNV

FD	=	FLUSH DUTCH
FNV	=	FULL NARROW VISION STANDARDS

FDHG

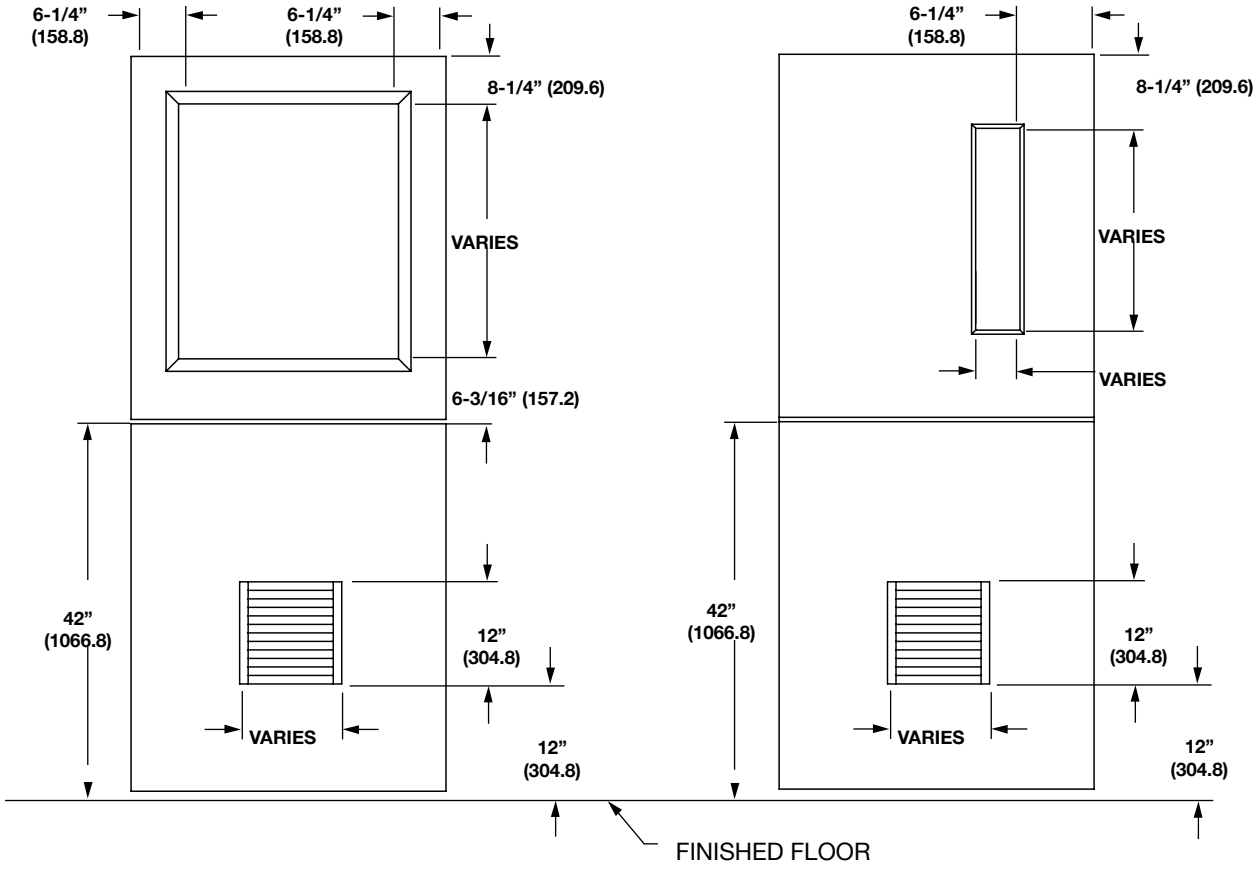
FD	=	FLUSH DUTCH
HG	=	HALF GLASS STANDARDS

EXAMPLE:
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE ← FDFNV1

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS ← FDHG

FACE TYPE LOCATIONS FDHGL, FDFNVL

TYPE 9 & 10 WINDOW MOULDING



FDHGL

FD	=	FLUSH DUTCH
HG	=	HALF GLASS STANDARDS
L	=	LOUVER STANDARDS

FDFNVL

FD	=	FLUSH DUTCH
FNV	=	FULL NARROW VISION STANDARDS
L	=	LOUVER STANDARDS

EXAMPLE:
FLUSH DUTCH
(3) WINDOW PANE-HALF GLASS
18" X 12" (457 X 305) LOUVER

FDHG3L2

EXAMPLE:
FLUSH DUTCH
6" X 36" (152 X 914) NARROW VISION LITE
18" X 12" (457 X 305) LOUVER

FDFNV1L2

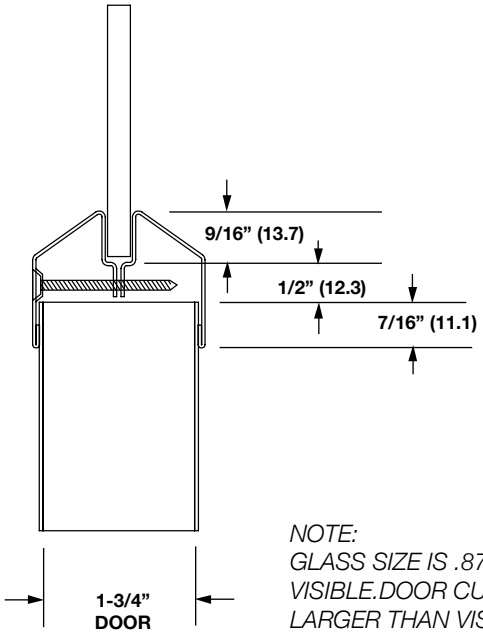
PROVIDE CUTOUT ONLY SIZE FOR LOUVERS

WINDOW KIT CUTOUT ON DOOR

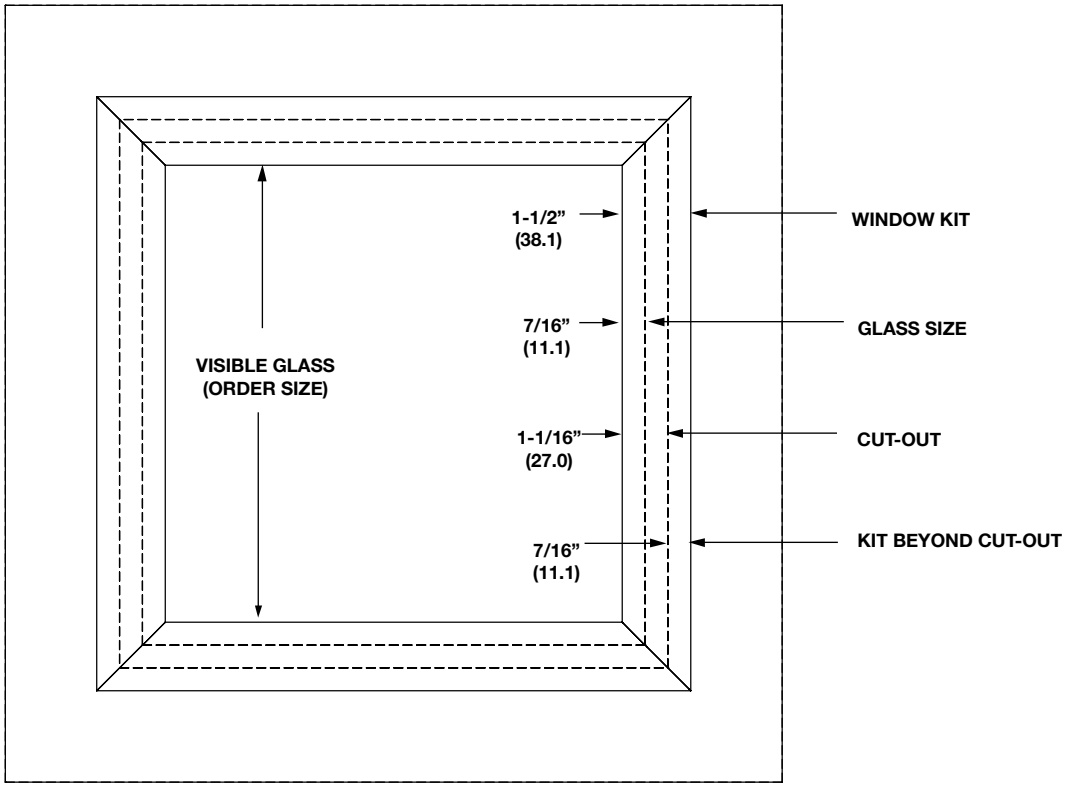
TYPE 9 & 10 WINDOW MOULDING

TYPE 9 & 10 KITS

Ⓛ

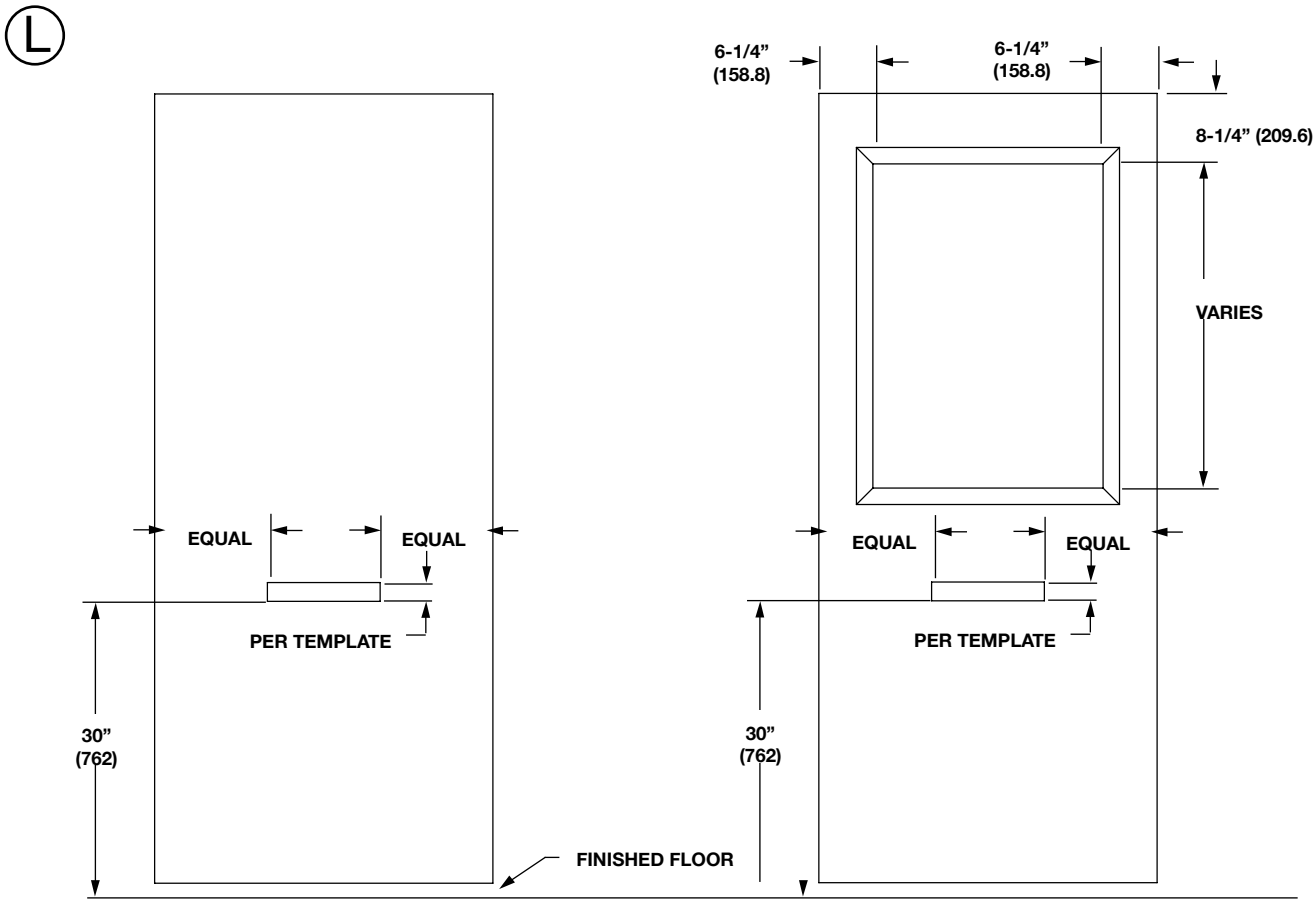


NOTE:
GLASS SIZE IS .875 LARGER THAN VISIBLE.DOOR CUTOUT IS 2.125" LARGER THAN VISIBLE.



FACE TYPE LOCATIONS FMS, HGMS

TYPE 9 & 10 WINDOW MOULDING



FMS
FMS = FLUSH MAIL SLOT

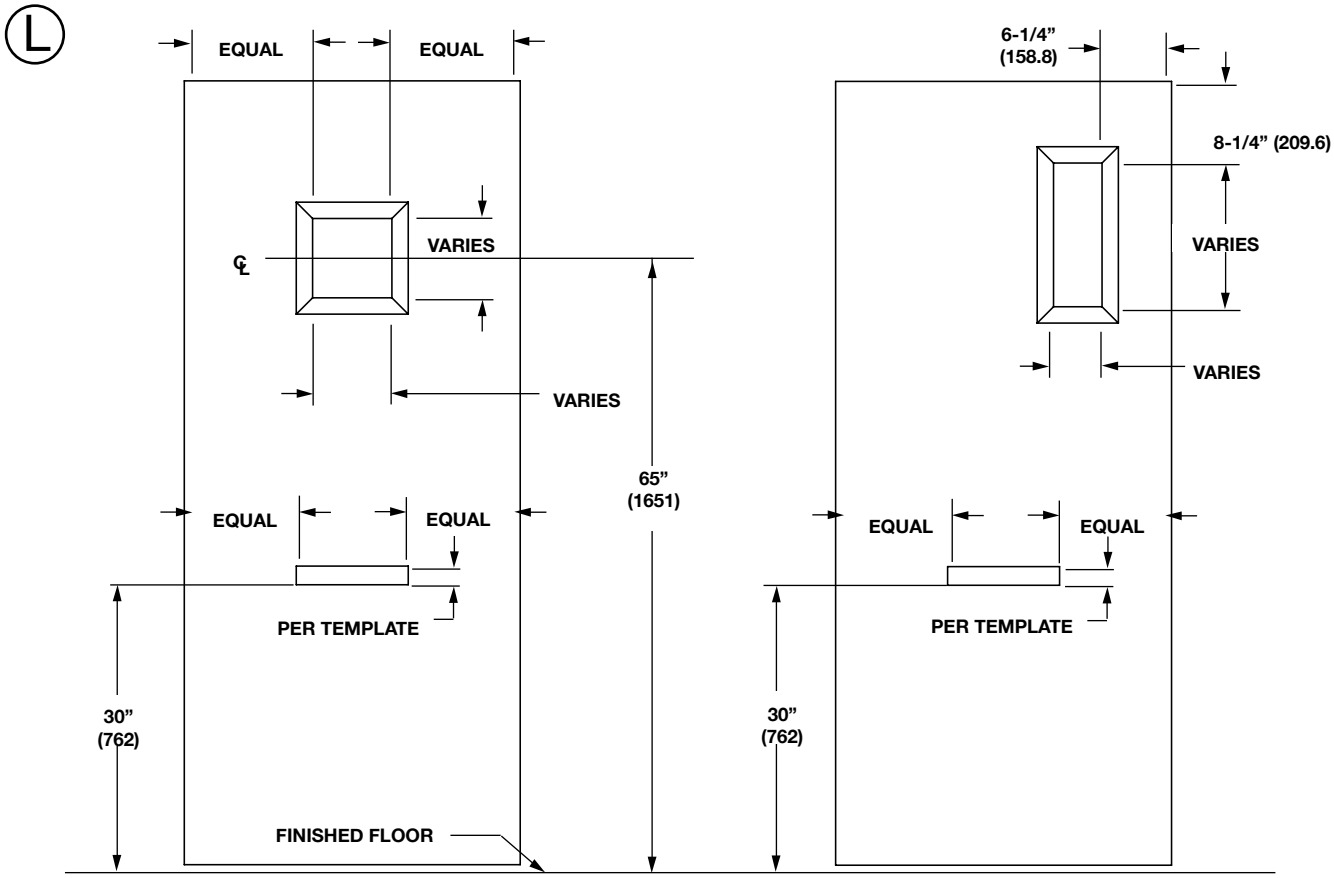
HGMS
HG = HALF GLASS STANDARDS
MS = MAIL SLOT

EXAMPLE:
(3) WINDOW PANE-HALF GLASS
MAIL SLOT

HG3MS

FACE TYPE LOCATIONS FVMS, FNVMS

TYPE 9 & 10 WINDOW MOULDING



FVMS
FV = FULL VISION STANDARDS
MS = MAIL SLOT

FNVMS
FNV = FULL NARROW VISION STANDARDS
MS = MAIL SLOT

FVMS	10" (254) X 10" (254)
FV1MS	12" (304.8) X 12" (304.8)

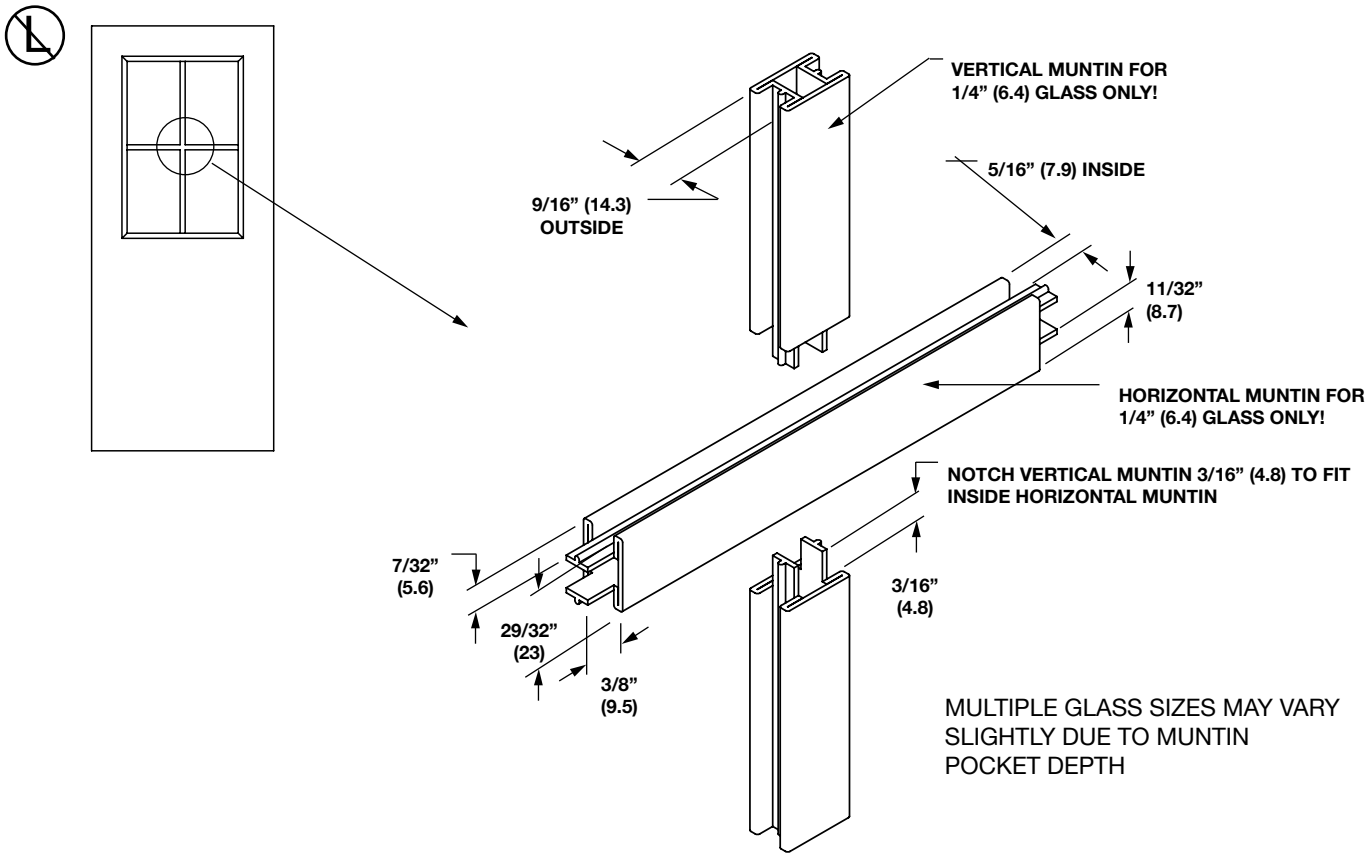
EXAMPLE:
6" X 36" (152 X 914) NARROW VISION LITE
MAIL SLOT

FNV1MS

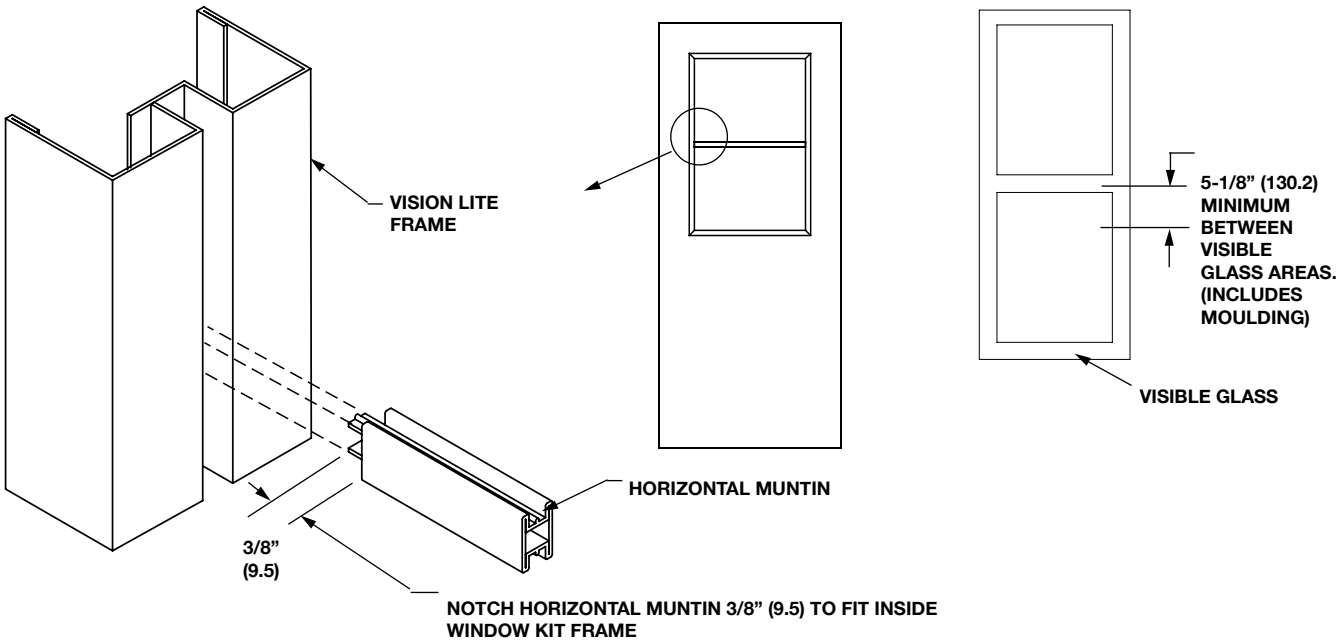
MUNTIN BAR - MUNTIN BAR JOINTS

AVAILABLE WITH TYPE 1, 3, AND 9 WITH 3/8" POCKET ONLY

MUNTIN BAR PART NUMBER: CD002402



MULTIPLE GLASS SIZES MAY VARY SLIGHTLY DUE TO MUNTIN POCKET DEPTH

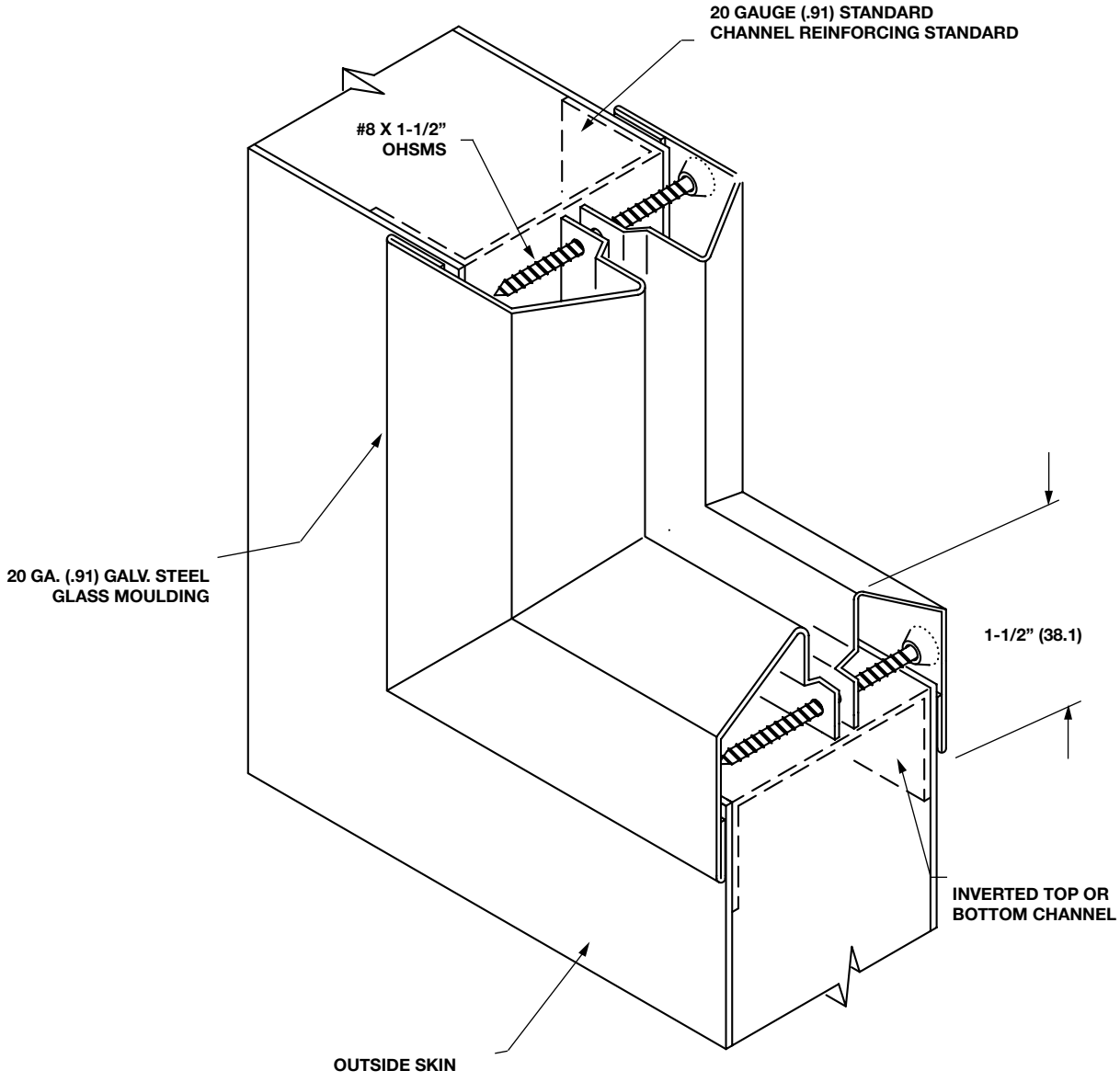


CUT AWAY VIEW FG MOULDING

TYPE 9 & 10 WINDOW MOULDING

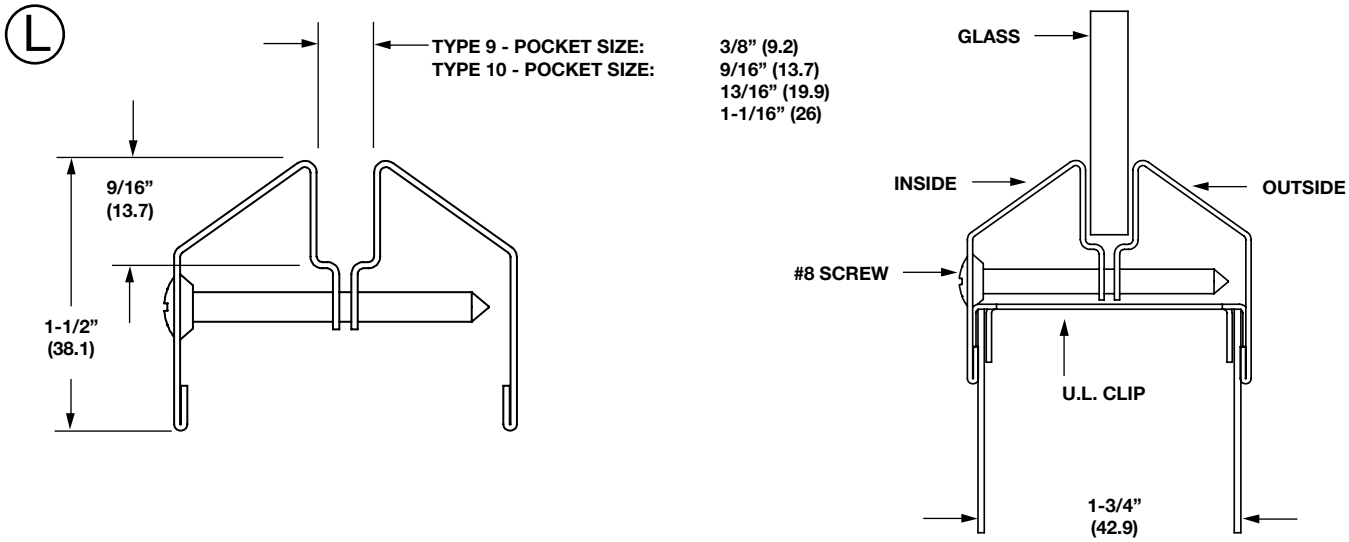
Ⓛ

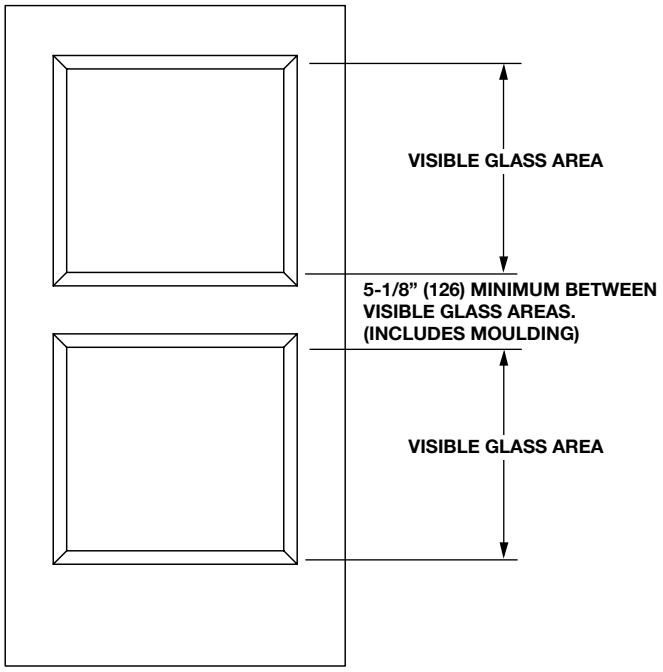
HINGE OR LOCK CHANNEL

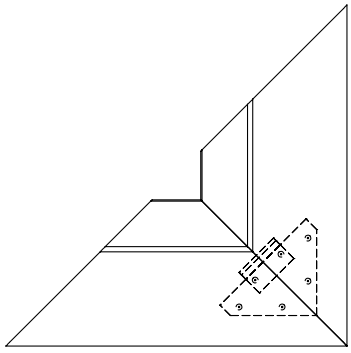


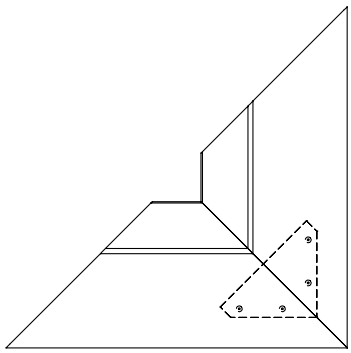
DOOR VISION LITE KIT (STANDARD)

TYPE 9 & 10 WINDOW MOULDING



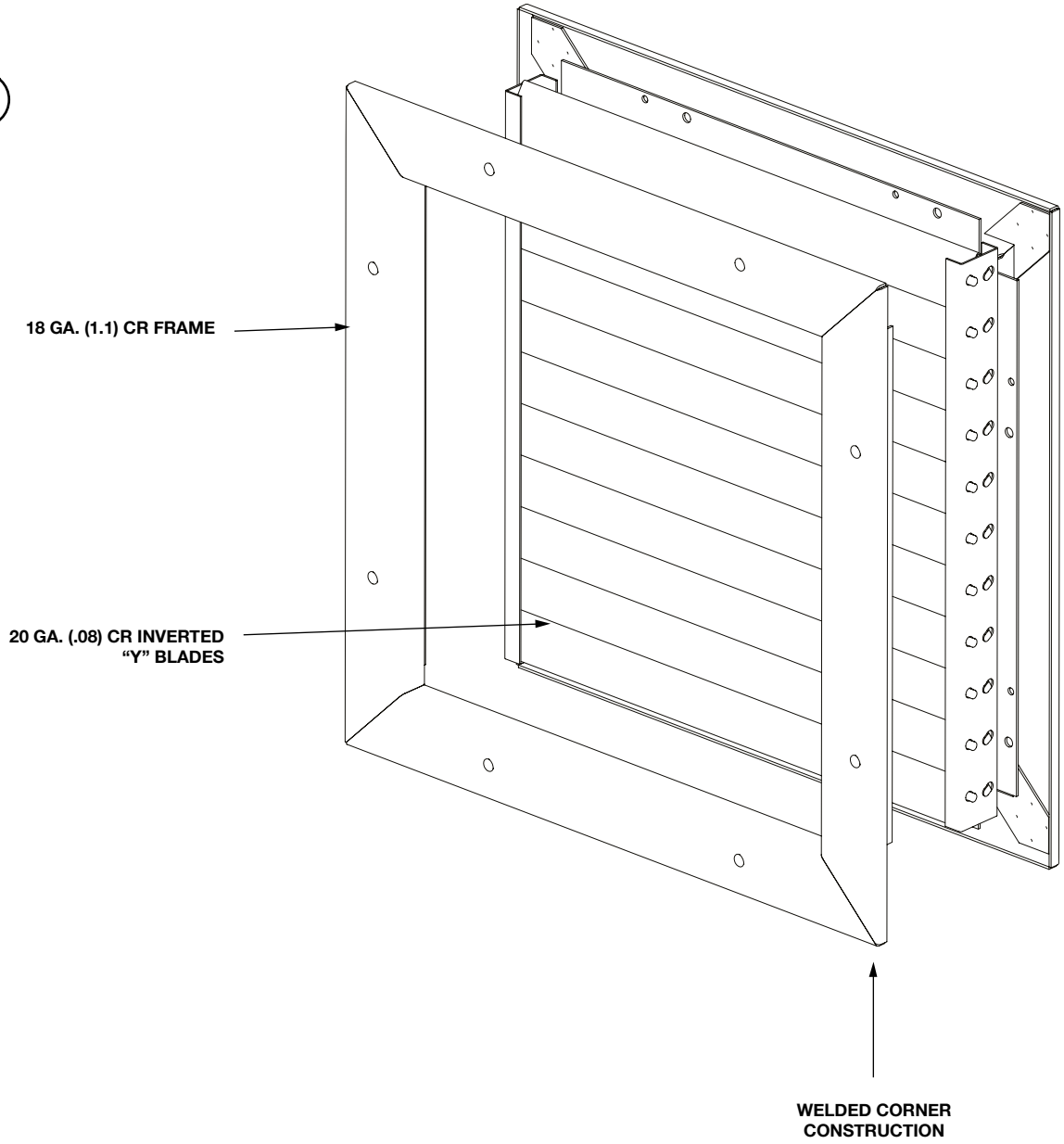






NOTE: ON FIRE LABEL DOORS USE A 6" (152.4) MINIMUM STILE BETWEEN VISIBLE GLASS AREAS AND BETWEEN VISIBLE GLASS AND EDGES OF DOOR.

NON-RATED DOOR LOUVER



THE CURRIES NON-RATED LOUVER FOR 1-3/4" DOORS PROVIDES
50% FREE AIR FLOW WHILE FASTENING TO ONE SIDE TO ENSURE SECURITY.

FACTORY INSTALLED GLASS

KERALITE® FILMED GLASS (FIG03) AND (FIG03E)

GLASS DESCRIPTION
CERAMIC, FILMED FIRE AND SAFETY RATED GLASS
BRAND NAME: KERALITE
GRADE: STANDARD
THICKNESS: 3/16" NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS
UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, 60, AND 90	2736 SQ IN	36"	76"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

**TEMPERATURE RISE*

KERALITE® LAMINATED GLASS (FIG04) AND (FIG04E)

GLASS DESCRIPTION
CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS
BRAND NAME: KERALITE
GRADE: STANDARD
THICKNESS: 5/16" NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY
RATING: CAT 1, CAT II, CPSC 16CFR1201

FIRE LISTINGS
UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, 60, AND 90	2736 SQ IN	36"	75"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

**TEMPERATURE RISE*

FACTORY INSTALLED GLASS

FIRELITE® NT GLASS (FIG05) AND (FIG05E)

GLASS DESCRIPTION
CERAMIC, FILMED FIRE AND SAFETY RATED GLASS
BRAND NAME:FIRELITE NT
GRADE: PREMIUM
THICKNESS: 3/16" NOMINAL
WARRANTY: 3 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS
UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, 45, AND 60	3204 SQ IN	36"	89"	707, 747, 777 847, 857
90	2034 SQ IN	36"	56.5"	707, 747, 777 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

**TEMPERATURE RISE*

FIRELITE® PLUS GLASS (FIG06) AND (FIG06E)

GLASS DESCRIPTION
CERAMIC, LAMINATED FIRE AND SAFETY RATED GLASS
BRAND NAME: FIRELITE PLUS
GRADE: PREMIUM
THICKNESS: 5/16" NOMINAL
WARRANTY: 5 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS
UL APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20 AND 45	3204 SQ IN	36"	89"	707, 747, 847, 857
90	2034 SQ IN	36"	56.5"	707, 747, 847, 857
45, 60, AND 90 TR*	100 SQ IN PER LEAF	12"	33"	727, 747-TR*
180	100 SQ IN PER LEAF	12"	33"	707, 727, 747, 747-TR*, 777, 847, 857

**TEMPERATURE RISE*

FACTORY INSTALLED GLASS

1/4” TEMPERED GLASS (FIG01) AND (FIG01E)

GLASS DESCRIPTION
1/4” CLEAR TEMPERED GLASS
QUALITY RATING:Q3, ASTM C1036-06
THICKNESS: 1/4” NOMINAL
WARRANTY: 1 YEAR LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE
EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY
RATING: CAT 1, CAT II, CPSC 16CFR1201

GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 2406
CANNOT BE USED ON FIRE RATED DOORS

1/4” FILMED WIRE GLASS (FIG02) AND (FIG02E)

GLASS DESCRIPTION
1/4” FILM WIRE, FIRE AND IMPACT SAFETY RATED GLASS
QUALITY RATING: Q6, ASTM C1036-06
THICKNESS: 1/4” NOMINAL
WIRE PATTERN: MISCO (DIAMOND PATTERN), BAROQUE (SQUARE PATTERN)
WARRANTY: 1 YEAR LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE OR PEMKO FG 300090 OR 300045 AS REQUIRED, EXTERIOR DOORS WILL HAVE DUO-SIL FOR CAP BEAD
IMPACT SAFETY RATING: CAT 1, CAT II, CPSC 16CFR1201, AND ANSI Z97.1

FIRE LISTINGS
UL AND INTERTEK/WARNOCK-HERSEY APPROVED, POSITIVE PRESSURE. GLASS IS MARKED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 715.4.6 AND 2406.

RATING	MAXIMUM EXPOSED AREA	MAXIMUM WIDTH	MAXIMUM HEIGHT	DOOR SERIES
20, AND 45	1296 SQ IN	36”	54”	707, 747, 777 847, 857
45 TR*	100 SQ IN	12”	33”	727, 747-TR*
60	100 SQ IN	12”	33”	707, 727, 747 747-TR*, 777, 847, 857
90	100 SQ IN	12”	33”	707, 727, 747, 747-TR*, 777, 847, 857
20, AND 45	1296 SQ IN	34”	84”	707, 747, 777 847, 857
PEMKO FG 300090				
60	552 SQ IN	12”	46”	707, 747, 777 847, 857
90	552 SQ IN	12”	46”	707, 747, 777 847, 857

**TEMPERATURE RISE*

FACTORY INSTALLED GLASS

INSULATED GLASS

5/8" INSULATED GLASS (FIG07E)

GLASS DESCRIPTION
5/8" OVERALL INSULATING. LOE2 TEMPERED, ARGON FILLED
THICKNESS: 5/8" NOMINAL
WARRANTY: 10 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING: CAT II, CPSC 16CFR1201
GLASS IS MARKED IN: CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE
CENTER OF GLASS U FACTOR: .25 BTU/HR•FT2˚F
SHADING COEFFICIENT (SC): .42
SOLAR HEAT GAIN (SHGC): .37
UV TRANSMITTANCE: 14%

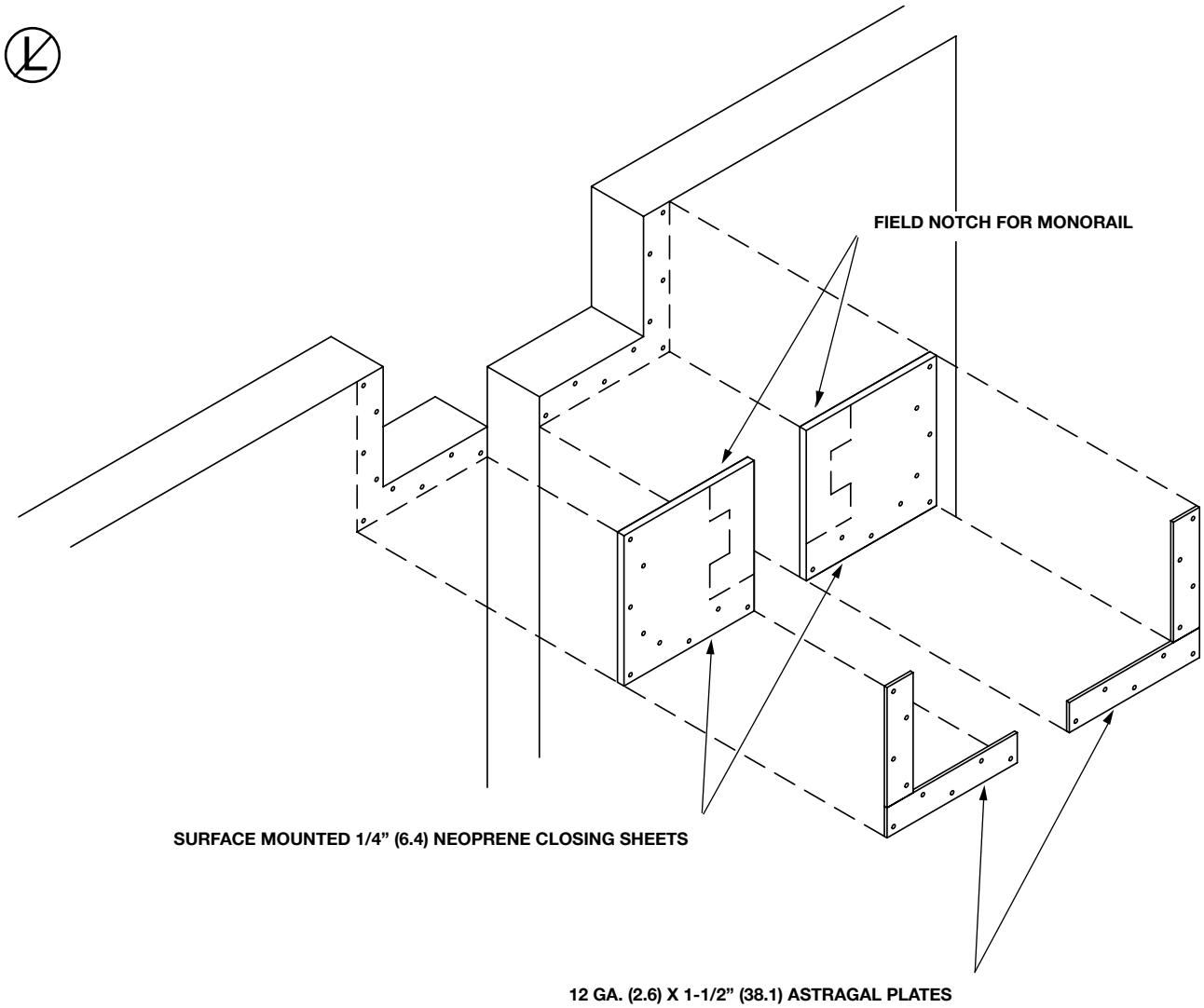
1" INSULATED GLASS (FIG08E)

GLASS DESCRIPTION
1" OVERALL INSULATING. LOE2 TEMPERED, ARGON FILLED
THICKNESS: 1" NOMINAL
WARRANTY: 10 YEARS LIMITED
INCLUDES: PVC CLOSED CELL FOAM GLAZING TAPE AND DUO-SIL CAP SEAL ON BOTH SIDES AS NEEDED
IMPACT SAFETY RATING: CAT II, CPSC 16CFR1201
GLASS IS MARKED IN:CAT II, CPSC 16CFR1201 AND 2406

CANNOT BE USED ON FIRE RATED DOORS

INSULATING PERFORMANCE
CENTER OF GLASS U FACTOR: .25 BTU/HR•FT2˚F
SHADING COEFFICIENT (SC): .41
SOLAR HEAT GAIN (SHGC): .36
UV TRANSMITTANCE: 13%

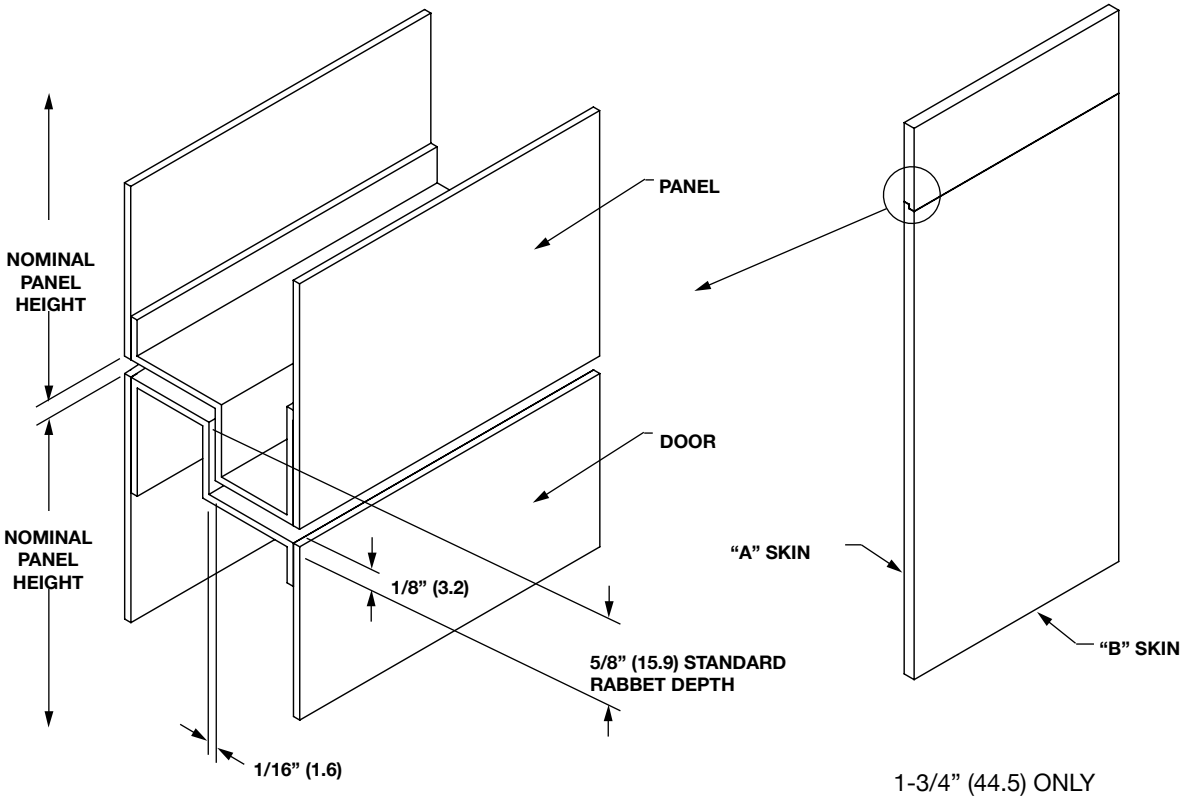
MONORAIL CUTOUT



NEOPRENE SHEETS AND ASTRAGAL PLATES ATTACHED TO DOOR WITH SCREWS IN A STAGGERED PATTERN.

RABBETED DOOR AND PANEL

U.L. APPROVED



1-3/4" (44.5) ONLY

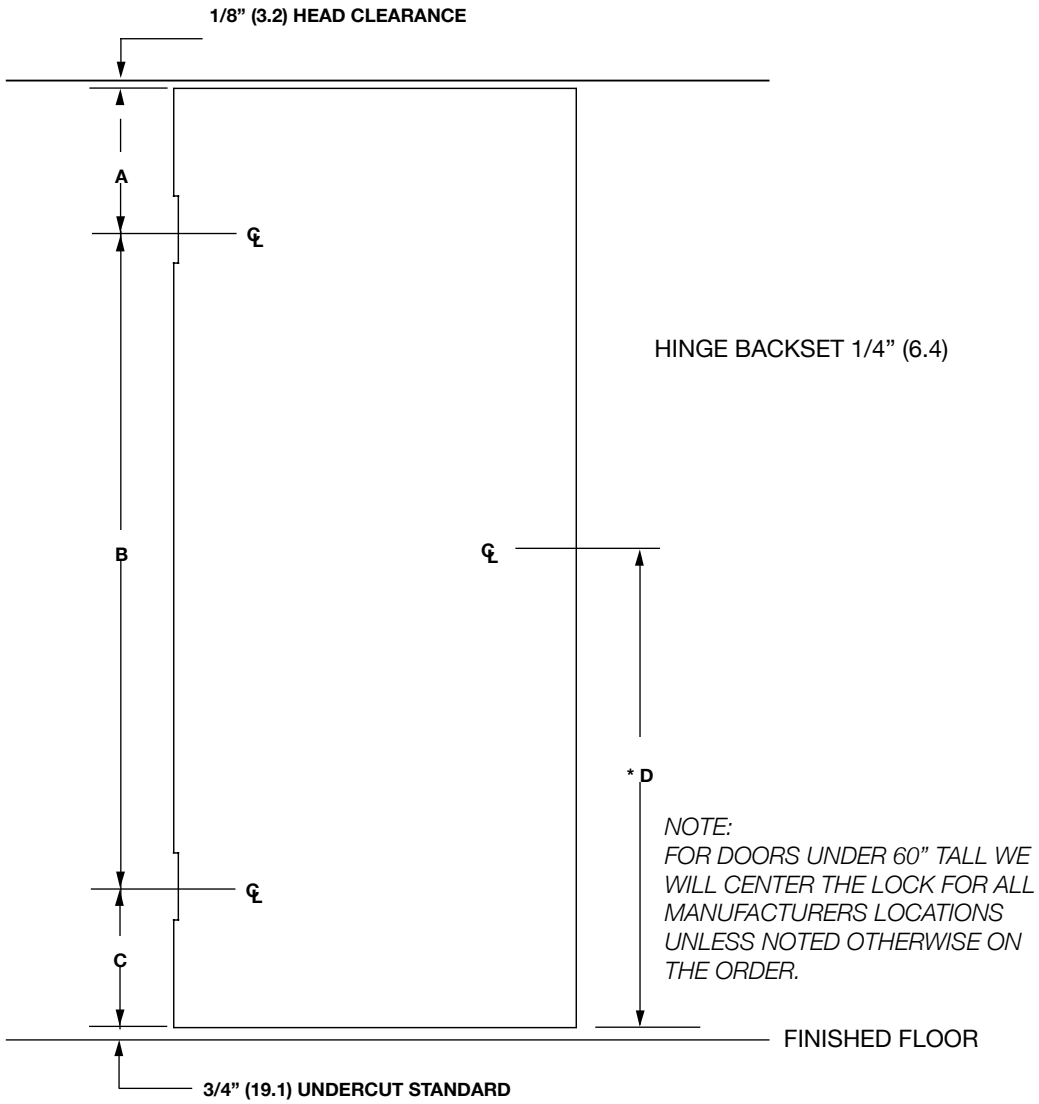
STANDARD LOCATIONS FOR 1-3/8” DOORS

SIZE	A	B	C	D
6’8” (2032)	9-5/8” (244.5)	59-7/8” (1520.8)	9-5/8” (244.5)	39-9/16” (1004.9)
7’0” (2133.6)	9-5/8” (244.5)	63-7/8” (1622.4)	9-5/8” (244.5)	39-9/16” (1004.9)
7’2” (2184.4)	9-5/8” (244.5)	65-7/8” (1673.2)	9-5/8” (244.5)	39-9/16” (1004.9)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

** DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

TWO HINGES



STANDARD LOCATIONS FOR 1-3/8” DOORS

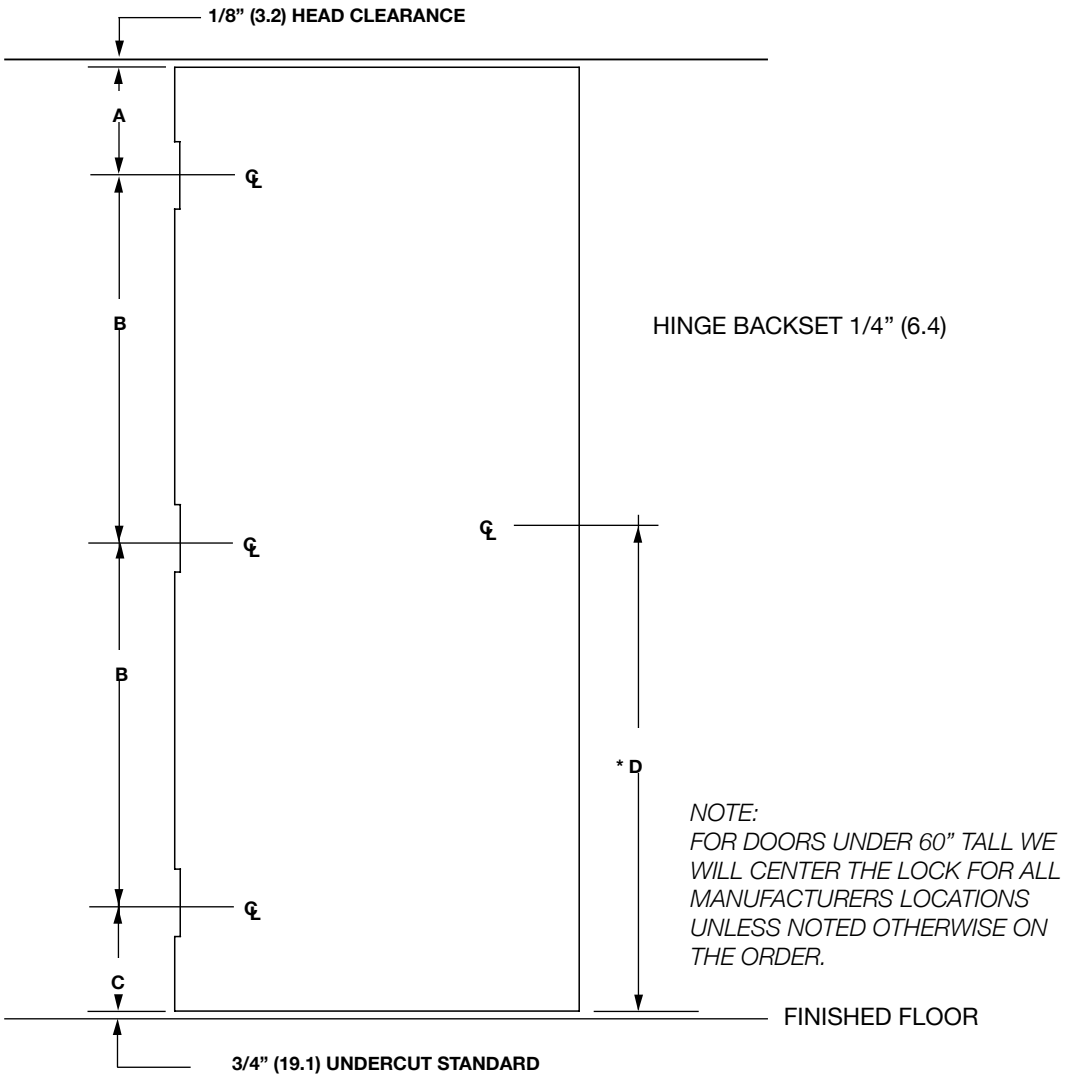
SIZE	A	B	C	D
6’8” (2032)	9-5/8” (244.5)	29-15/16” (760.4)	9-5/8” (244.5)	39-9/16” (1004.9)
7’0” (2133.6)	9-5/8” (244.5)	31-15/16” (811.2)	9-5/8” (244.5)	39-9/16” (1004.9)
7’2” (2184.4)	9-5/8” (244.5)	32-15/16” (836.6)	9-5/8” (244.5)	39-9/16” (1004.9)

Ⓛ

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

** DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

THREE HINGES



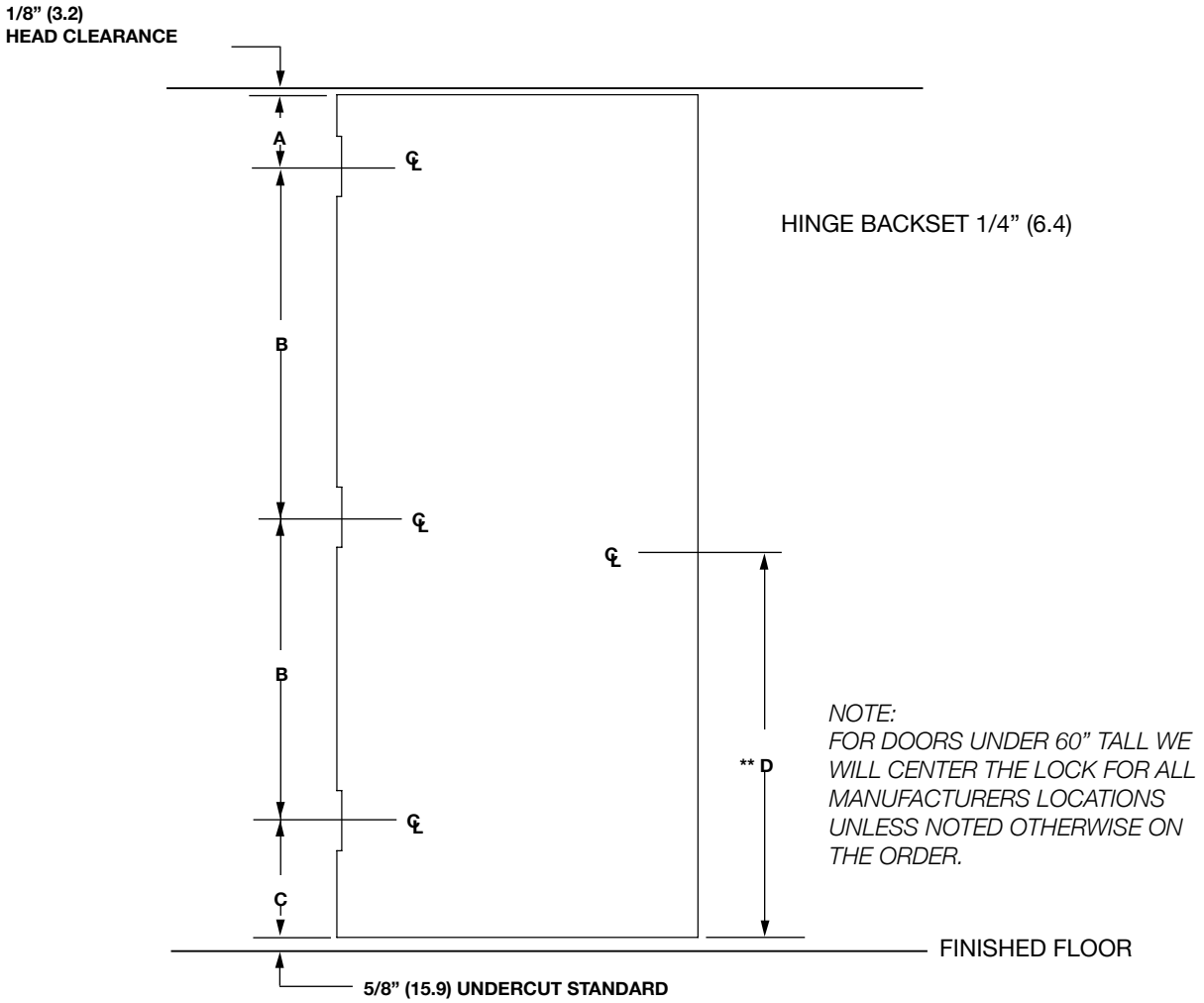
STANDARD LOCATIONS FOR 1-3/4" DOORS

SIZE	A	B	C	D
6'8" (2032)	7-1/8" (181)	30-1/4" (768.4)	11-5/8" (295.3)	39-3/8" (1000.1)
6'10" (2082.8)	7-1/8" (181)	31-1/4" (793.8)	11-5/8" (295.3)	39-3/8" (1000.1)
7'0" (2133.6)	7-1/8" (181)	32-1/4" (819.2)	11-5/8" (295.3)	39-3/8" (1000.1)
7'2" (2184.4)	7-1/8" (181)	33-1/4" (844.6)	11-5/8" (295.3)	39-3/8" (1000.1)
7'4" (2235.2)	7-1/8" (181)	34-1/4" (870)	11-5/8" (295.3)	39-3/8" (1000.1)
7'6" (2286)	7-1/8" (181)	35-1/4" (895.4)	11-5/8" (295.3)	39-3/8" (1000.1)
7'8" (2336.8)	7-1/8" (181)	36-1/4" (920.8)	11-5/8" (295.3)	39-3/8" (1000.1)
7'10" (2387.6)	7-1/8" (181)	37-1/4" (946.2)	11-5/8" (295.3)	39-3/8" (1000.1)
8'0" (2438.4)	7-1/8" (181)	38-1/4" (971.6)	11-5/8" (295.3)	39-3/8" (1000.1)
9'0" (2743.2)	7-1/8" (181)	44-1/4" (1124)	11-5/8" (295.3)	39-3/8" (1000.1)
10'0" (3048)	7-1/8" (181)	50-1/4" (1276.4)	11-5/8" (295.3)	39-3/8" (1000.1)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

** *DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

THREE HINGES



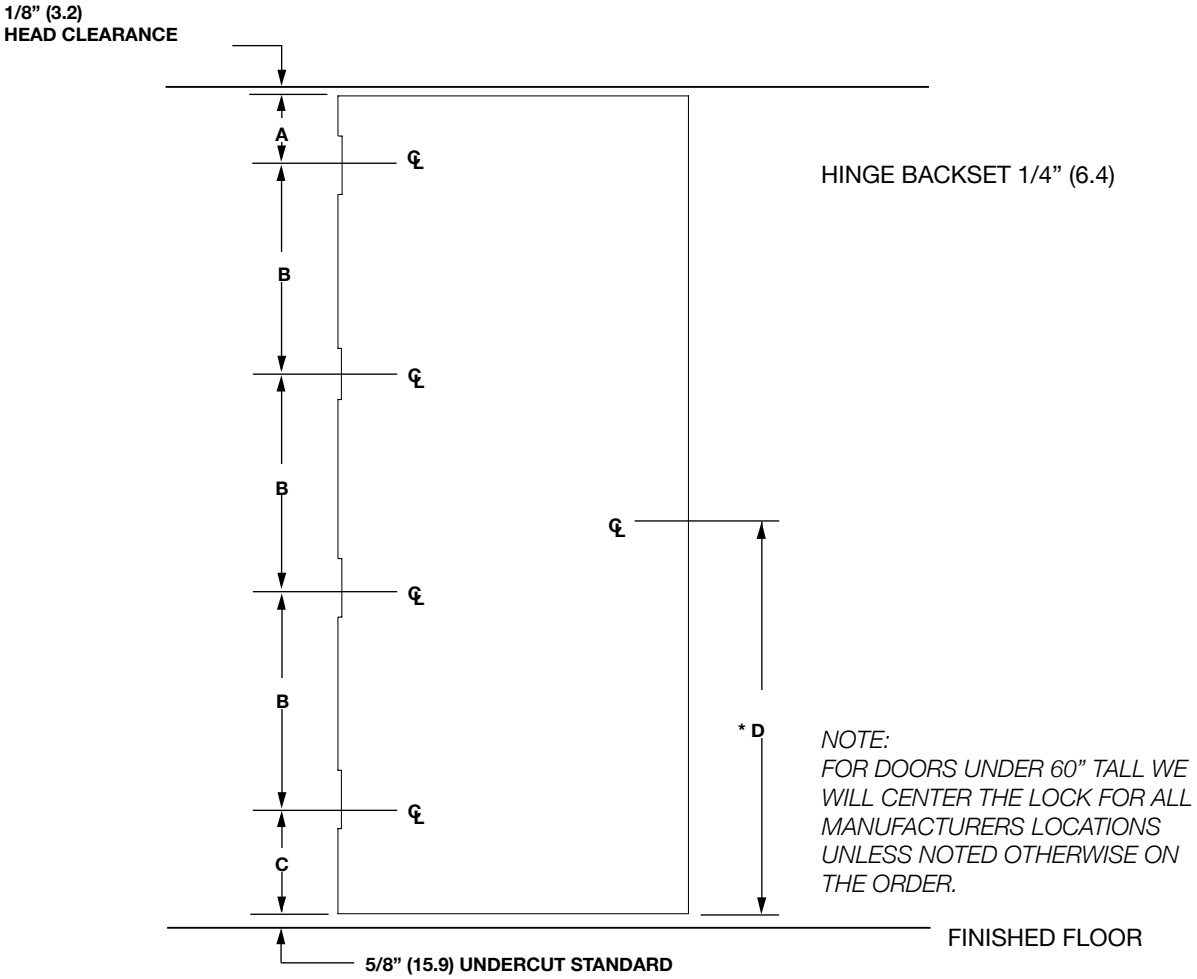
STANDARD LOCATIONS FOR 1-3/4” DOORS

SIZE	A	B	C	D
6’8” (2032)	7-1/8” (181)	20-1/8” (511.2)	11-3/4” (298.5)	39-3/8” (1000.1)
6’10” (2082.8)	7-1/8” (181)	20-7/8” (530.2)	11-1/2” (292.1)	39-3/8” (1000.1)
7’0” (2133.6)	7-1/8” (181)	21-1/2” (546.1)	11-5/8” (295.3)	39-3/8” (1000.1)
7’2” (2184.4)	7-1/8” (181)	22-1/8” (562)	11-3/4” (298.5)	39-3/8” (1000.1)
7’4” (2235.2)	7-1/8” (181)	22-7/8” (581)	11-1/2” (292.1)	39-3/8” (1000.1)
7’6” (2286)	7-1/8” (181)	23-1/2” (597)	11-5/8” (295.3)	39-3/8” (1000.1)
7’8” (2336.8)	7-1/8” (181)	24-1/8” (612.8)	11-3/4” (298.5)	39-3/8” (1000.1)
7’10” (2387.6)	7-1/8” (181)	24-7/8” (631.8)	11-1/2” (292.1)	39-3/8” (1000.1)
8’0” (2438.4)	7-1/8” (181)	25-1/2” (647.7)	11-5/8” (295.3)	39-3/8” (1000.1)
9’0” (2743.2)	7-1/8” (181)	29-1/2” (749.3)	11-5/8” (295.3)	39-3/8” (1000.1)
10’0” (3048)	7-1/8” (181)	33-1/2” (850.9)	11-5/8” (295.3)	39-3/8” (1000.1)

HINGE SIZE MAY VARY ℄ LOCATION REMAINS THE SAME

** DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

FOUR HINGES



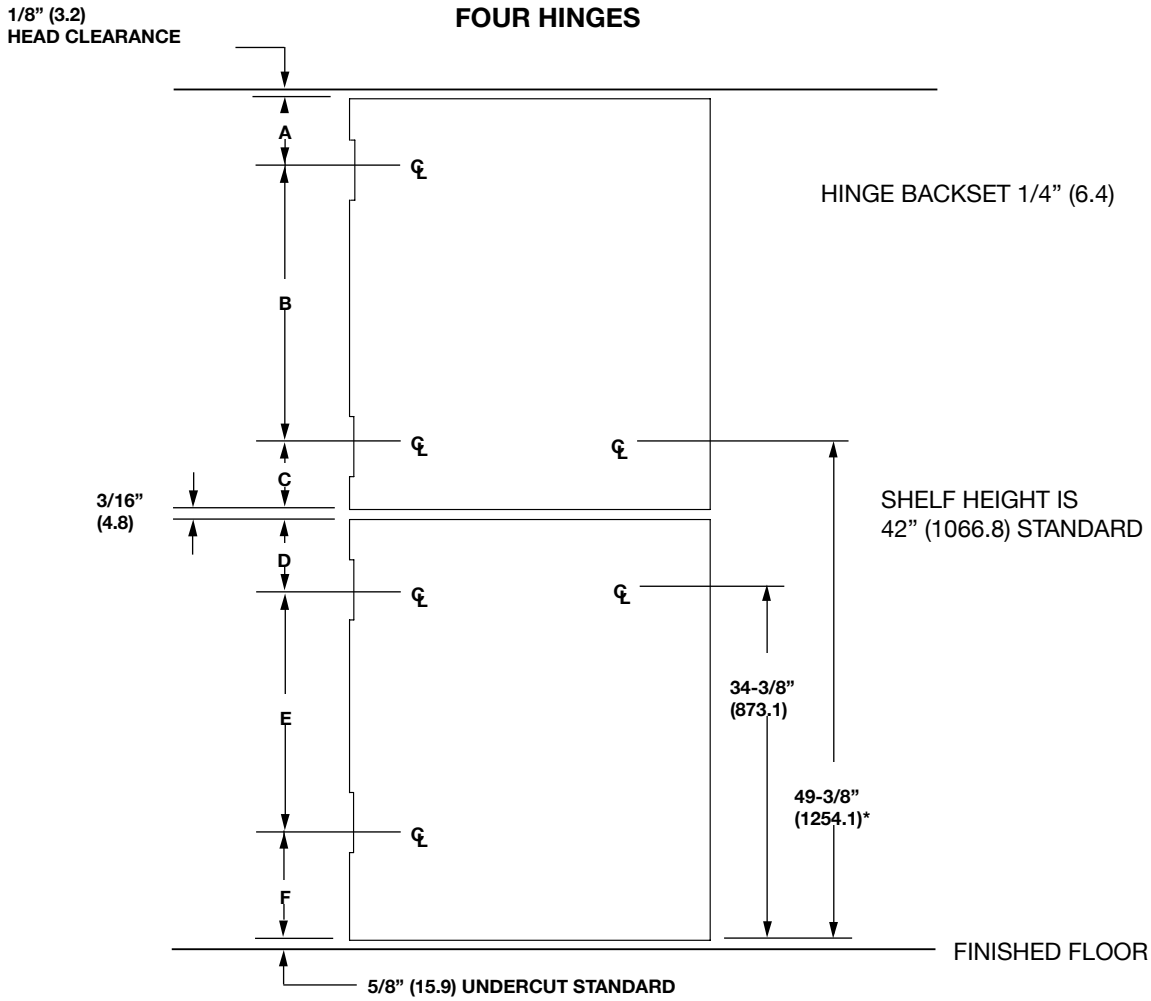
STANDARD LOCATIONS FOR 1-3/4" DUTCH DOORS

SIZE	A	B	C	D	E	F
6'8" (2032)	7-1/8" (181)	24-1/4" (616)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
6'10" (2082.8)	7-1/8" (181)	26-1/4" (666.8)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'0" (2133.6)	7-1/8" (181)	28-1/4" (717.6)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'2" (2184.4)	7-1/8" (181)	30-1/4" (768.4)	6-5/16" (160.3)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'4" (2235.2)	7-1/8" (181)	29-1/4" (743)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'6" (2286)	7-1/8" (181)	31-1/4" (793.8)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'8" (2336.8)	7-1/8" (181)	33-1/4" (844.6)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
7'10" (2387.6)	7-1/8" (181)	35-1/4" (895.4)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)
8'0" (2438.4)	7-1/8" (181)	37-1/4" (946.2)	9-5/16" (236.5)	7" (177.8)	22-3/4" (577.9)	11-5/8" (295.3)

HINGE SIZE MAY VARY - ℄ LOCATION REMAINS THE SAME

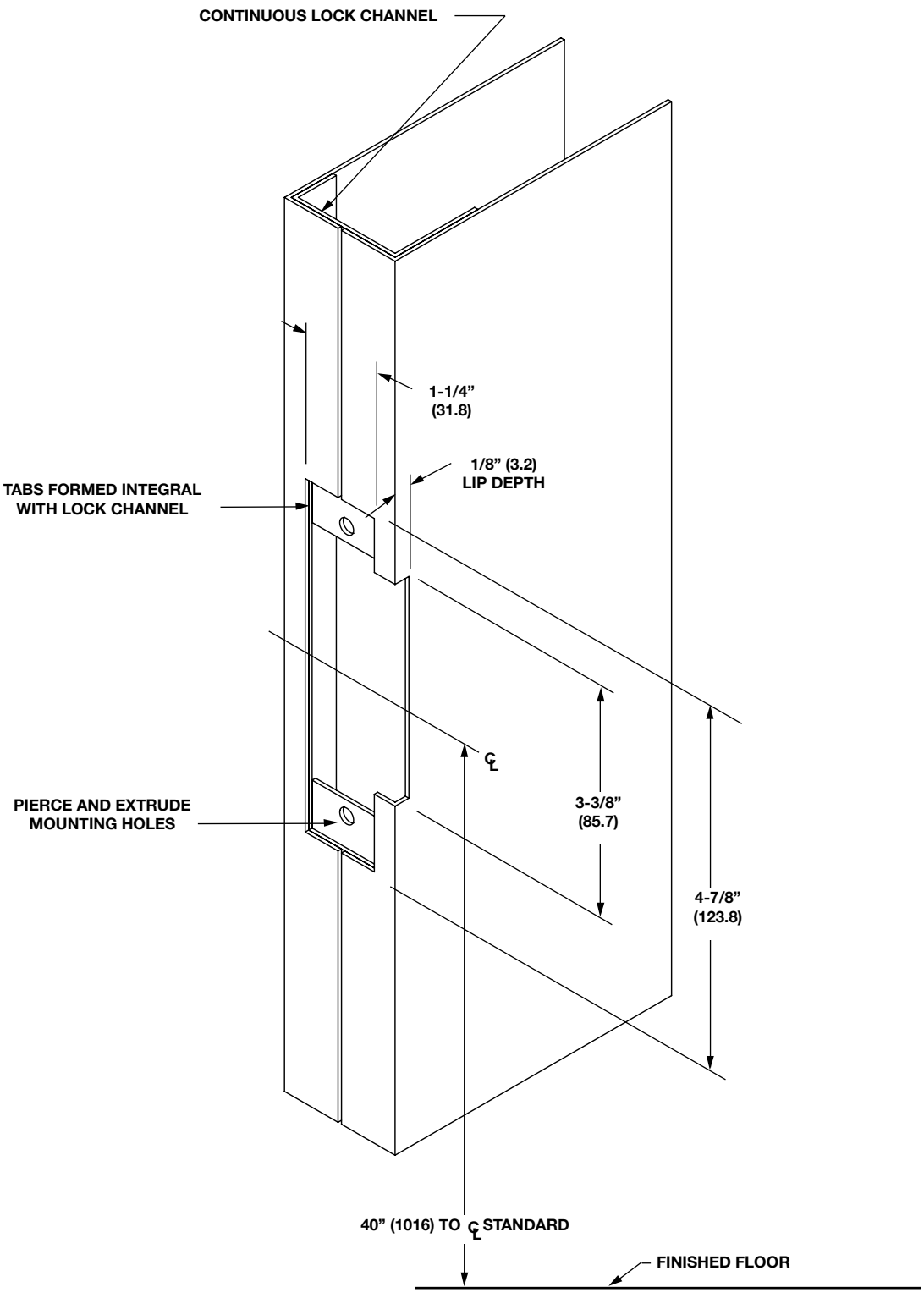
** DIMENSION SHOWN IS FOR LOCKS WITH A COMMON ℄ ON LOCK AND STRIKE. (EXAMPLE–CYLINDRICAL LOCK)*

FOUR HINGES



** PLEASE INDICATE WHEN ADA COMPLIANCE IS REQUIRED.*
48" CL IS NOT PRACTICAL WITH SOME DEADLOCKS.

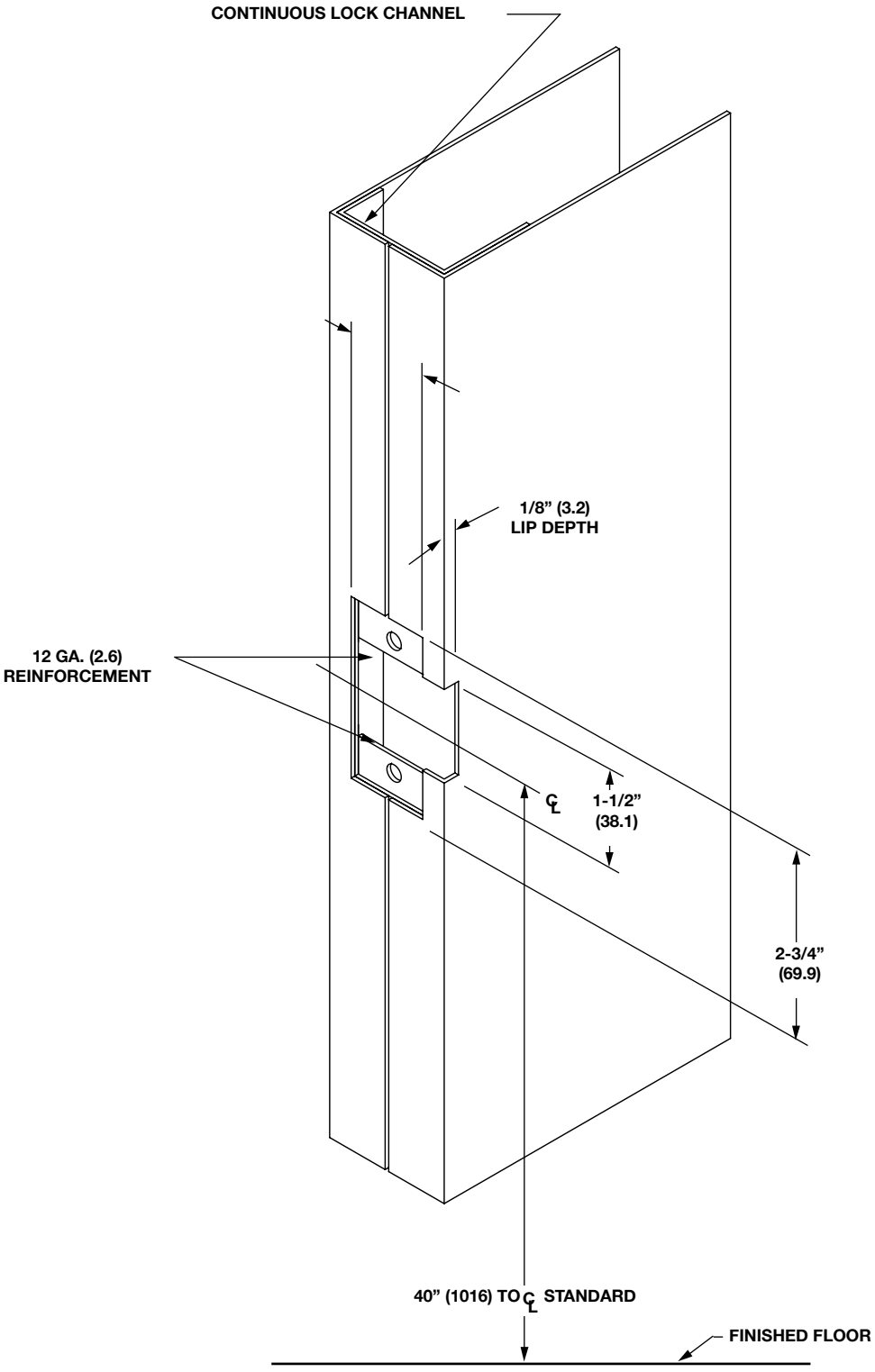
E1 ANSI STRIKE PREPARATION IN INACTIVE LEAF



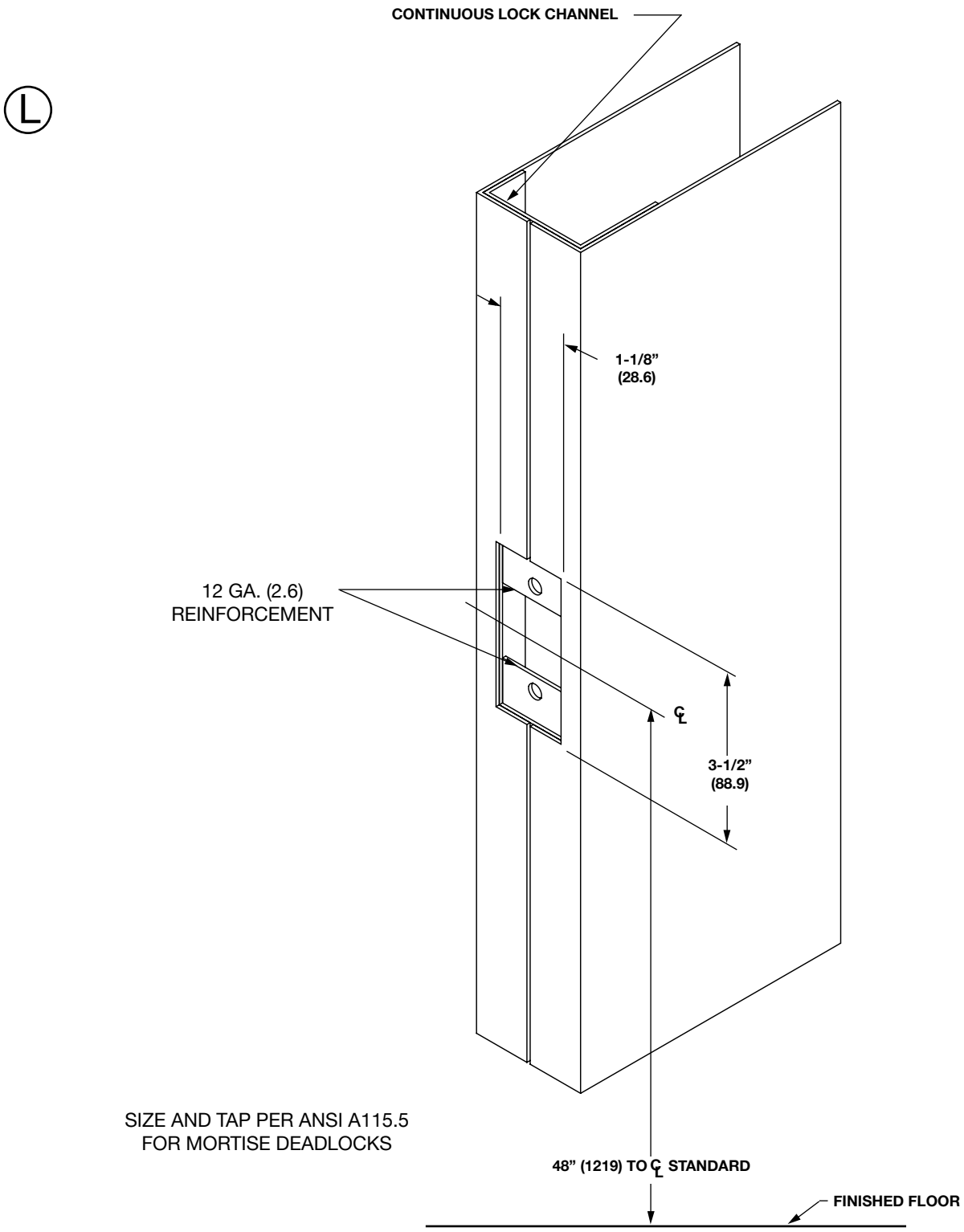
NOTES
1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

E2 STRIKE PREPARATION IN INACTIVE LEAF

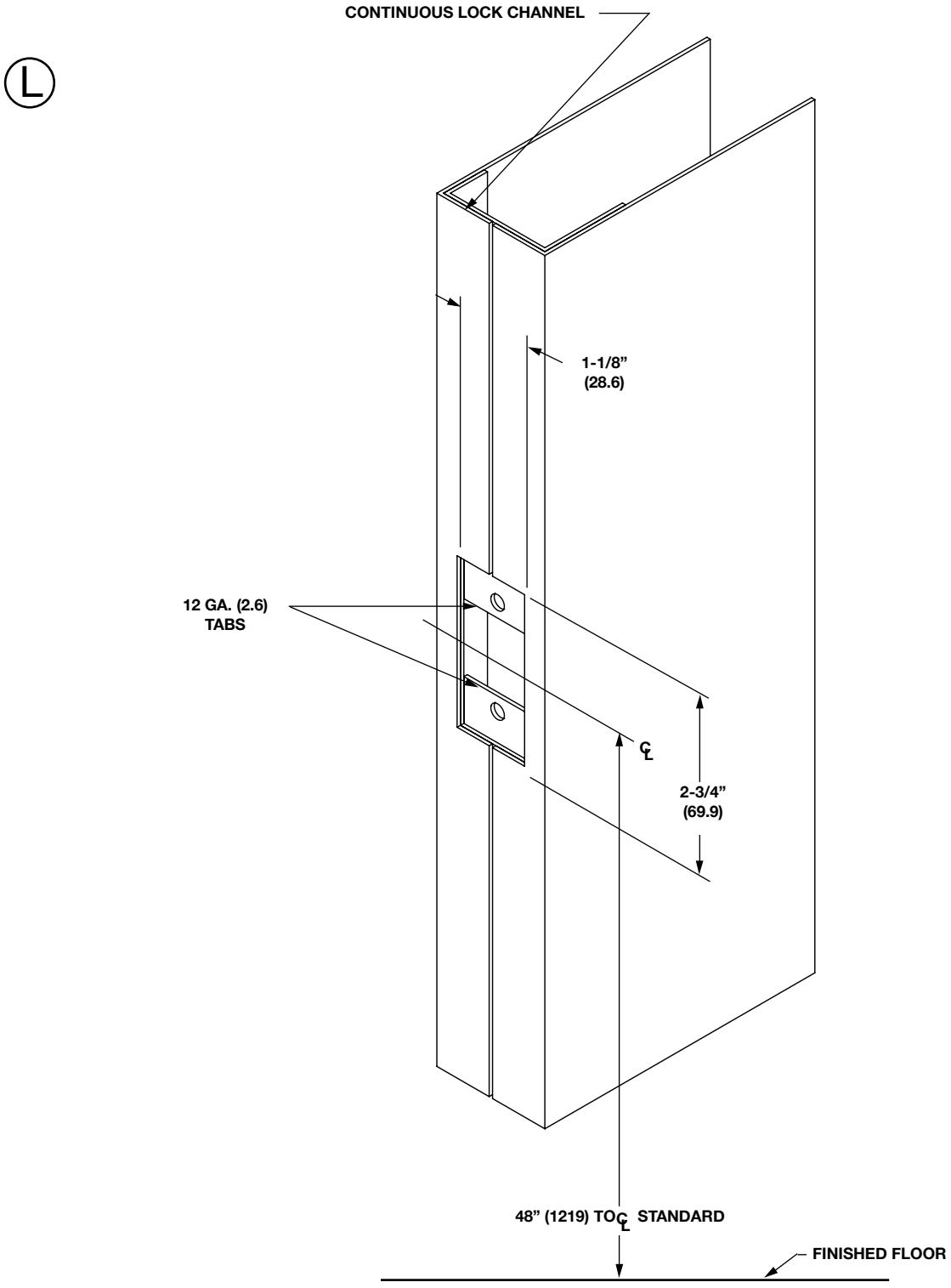
Ⓛ



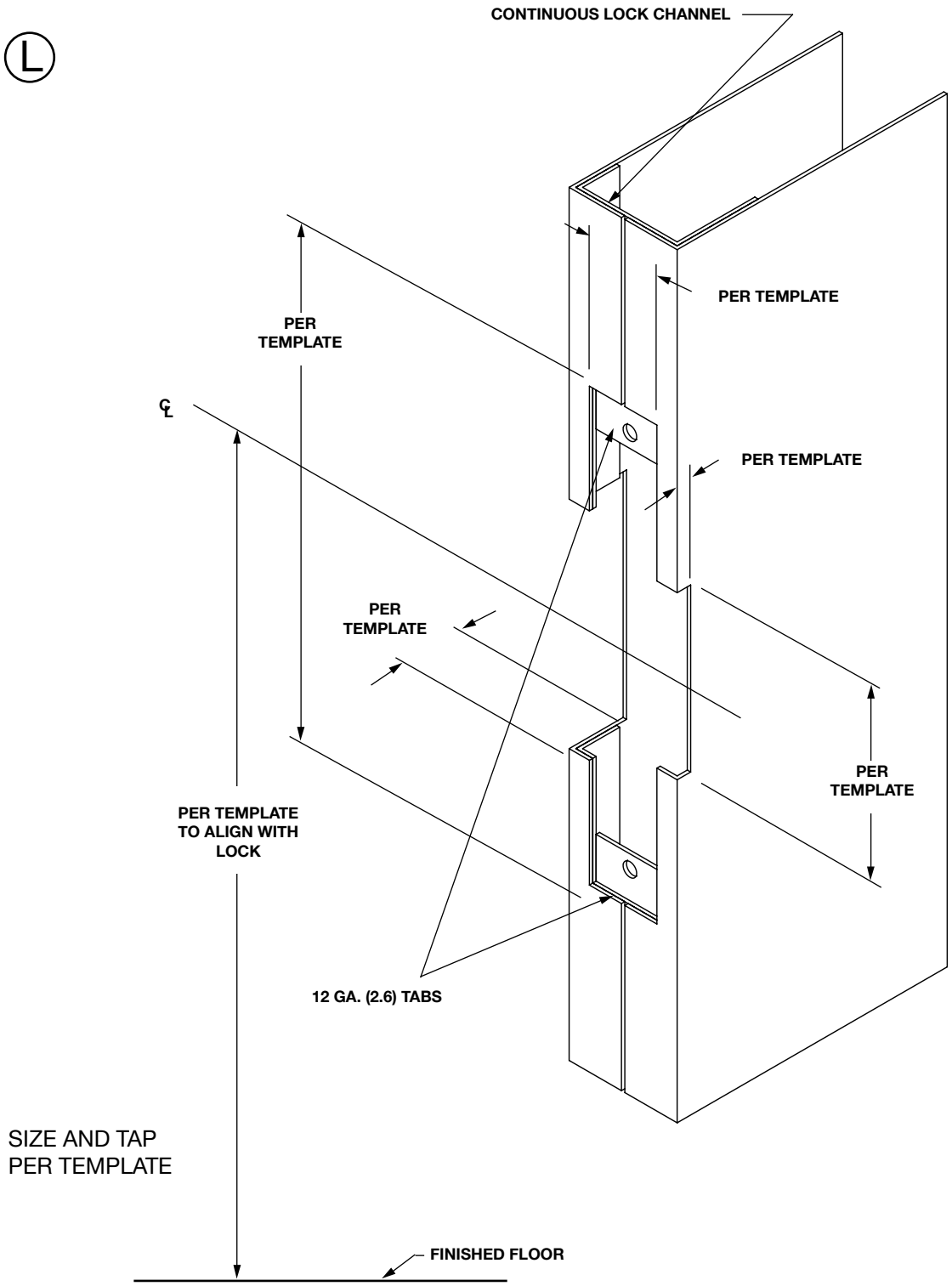
E3 ANSI DEADLOCK STRIKE PREPARATION IN INACTIVE LEAF



E4 STRIKE PREPARATION IN INACTIVE LEAF



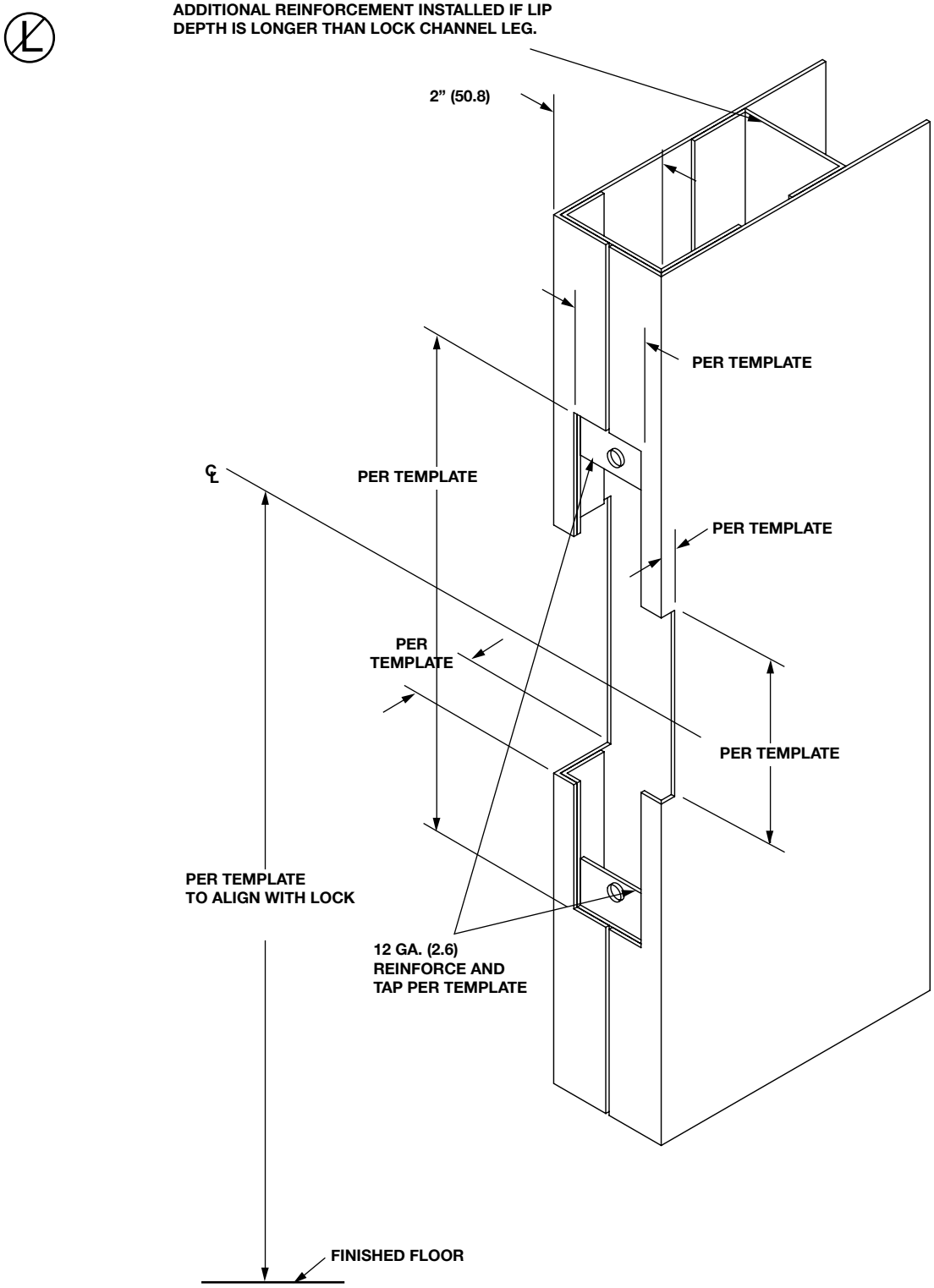
OPEN BACK STRIKE (SOB)



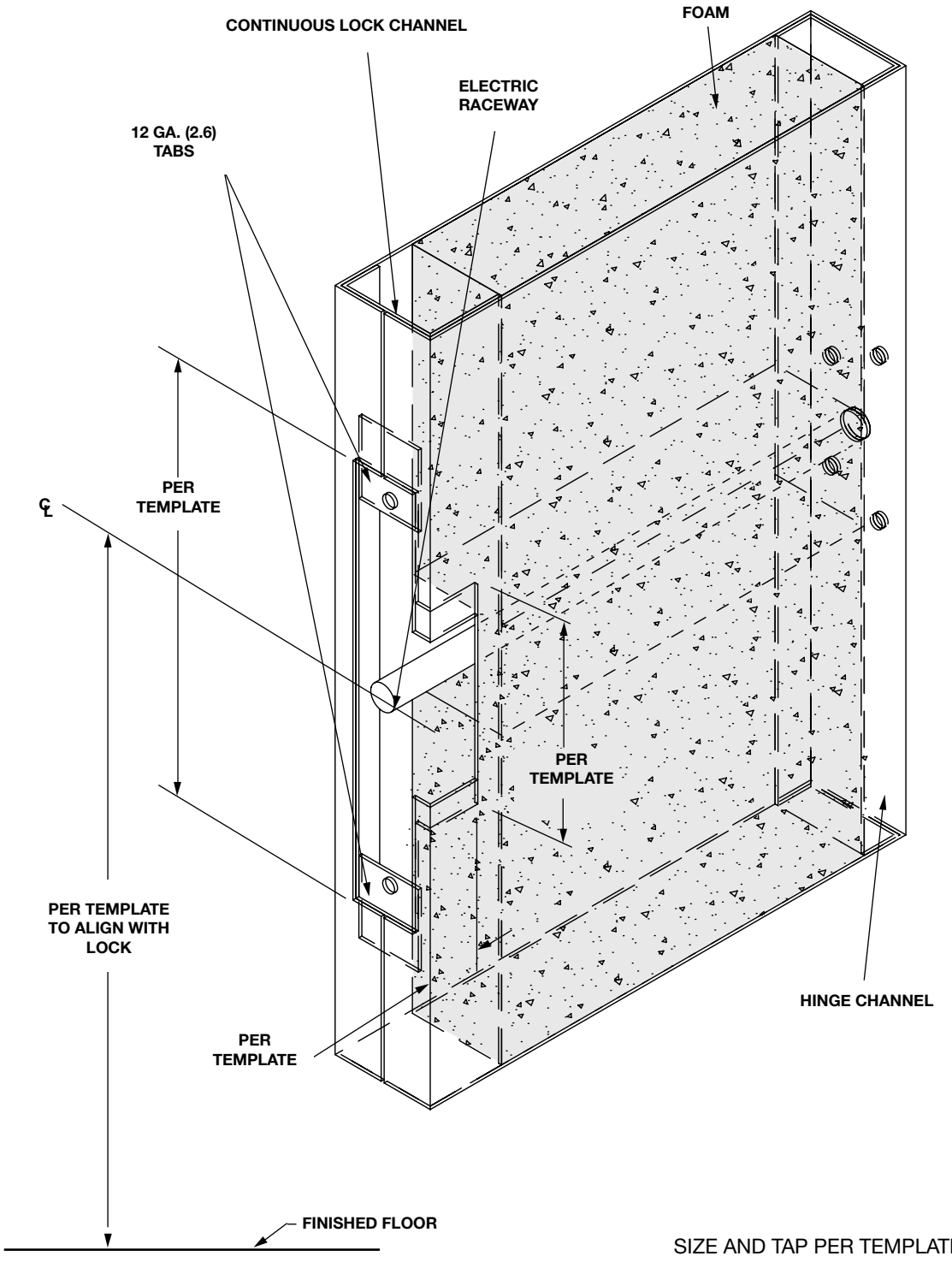
SIZE AND TAP
PER TEMPLATE

857 SECURITY DOOR OPEN BACK STRIKE (SOB)

2" DOOR

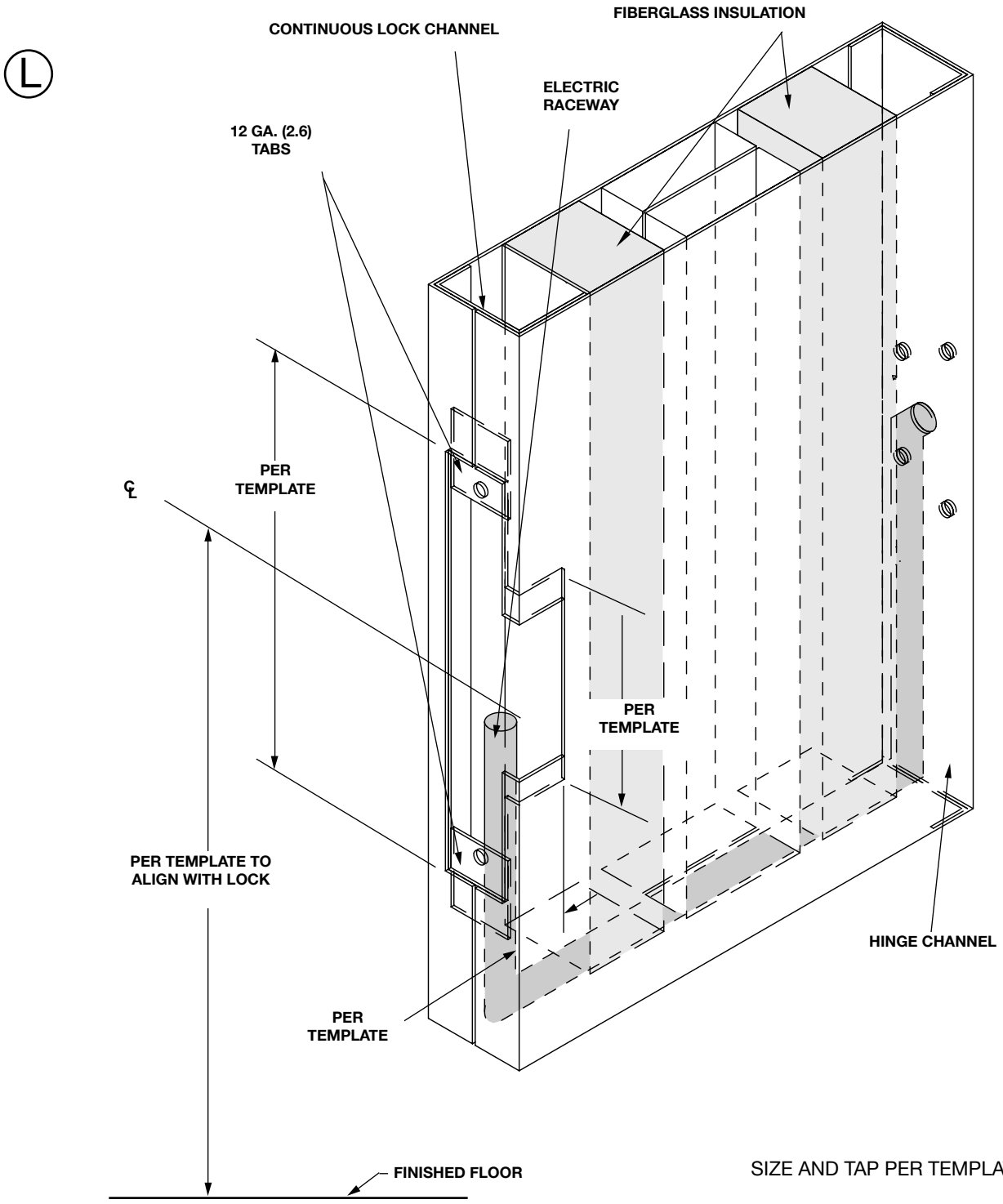


DOOR ELECTRIC STRIKE (E9)



SIZE AND TAP PER TEMPLATE

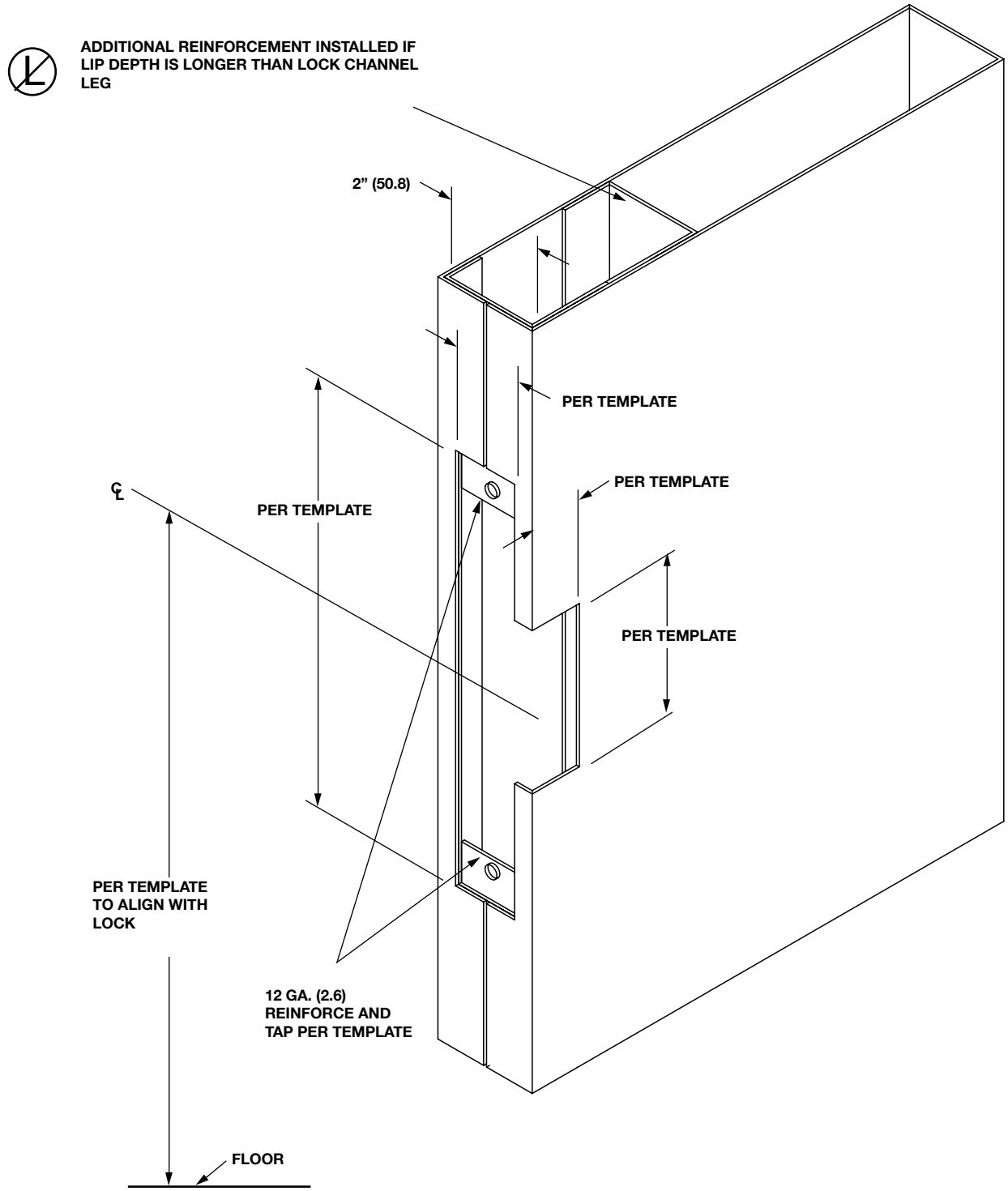
STEEL STIFFENED DOOR ELECTRIC STRIKE (E9)



SIZE AND TAP PER TEMPLATE

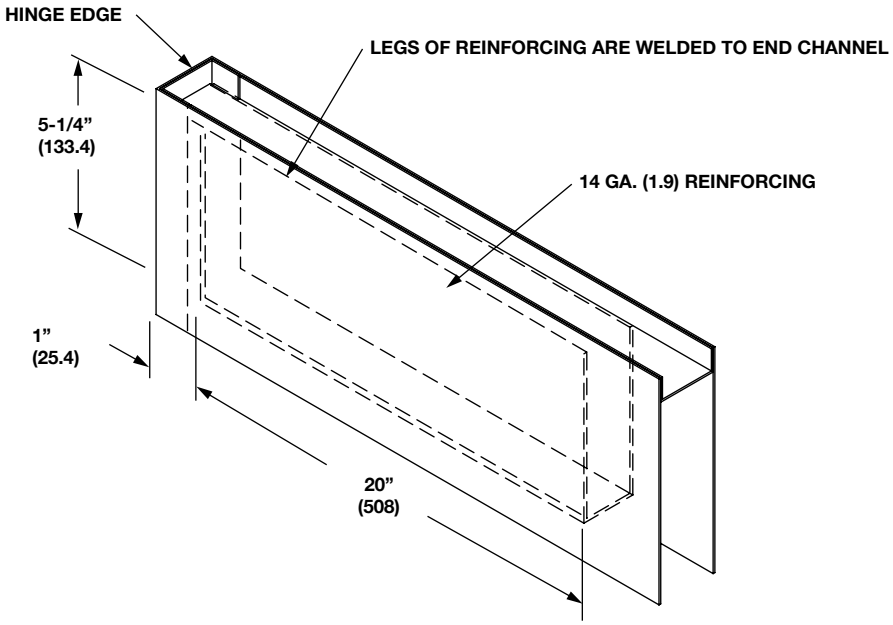
857 E9 SECURITY DOOR ELECTRIC STRIKE

2" DOOR



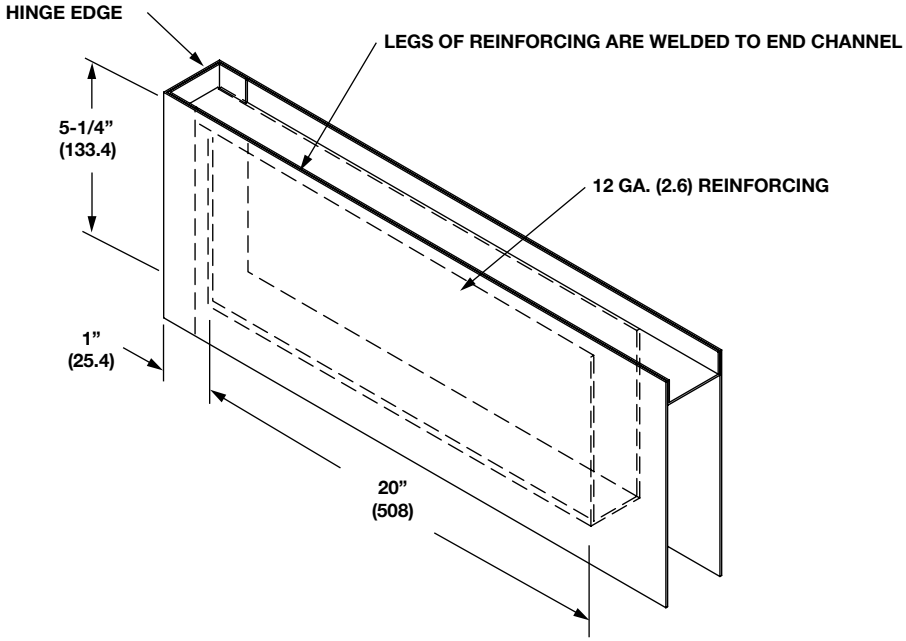
CL STANDARD CLOSER REINFORCEMENT

DOOR SERIES 607, 707, 727 737, 747



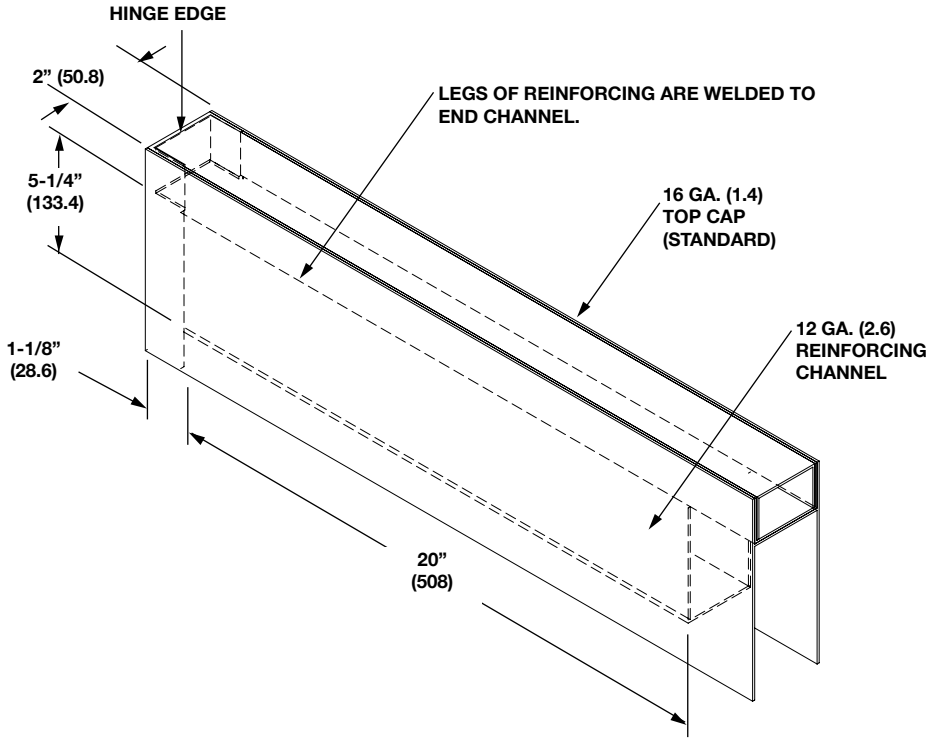
C2 OPTIONAL CLOSER REINFORCEMENT

12 GAUGE OPTION DOOR SERIES 707, 727 737, 747



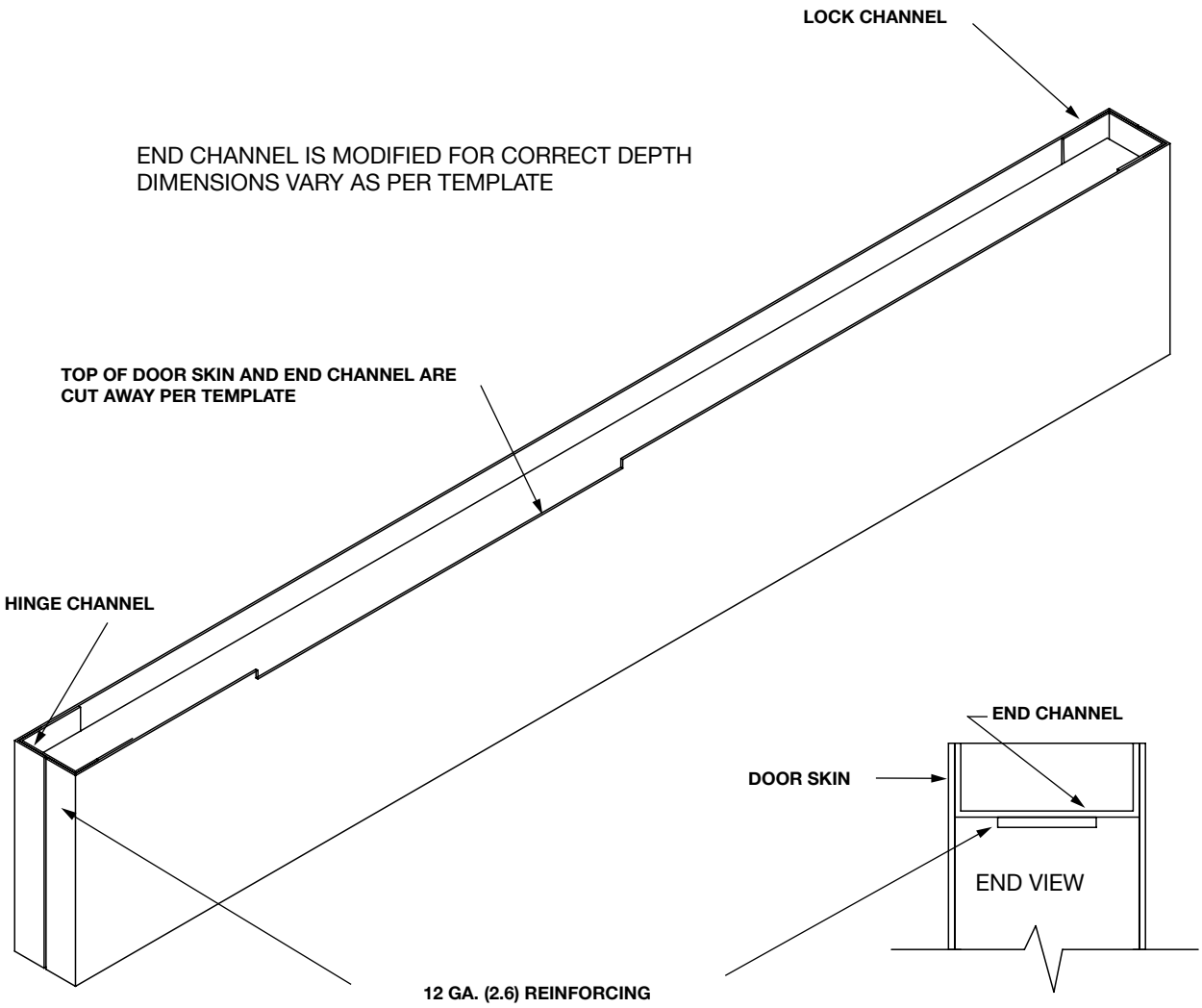
857 STANDARD SURFACE CLOSER REINFORCEMENT

Ⓛ



CONCEALED HOLDER/CLOSER REINFORCEMENT

Ⓛ

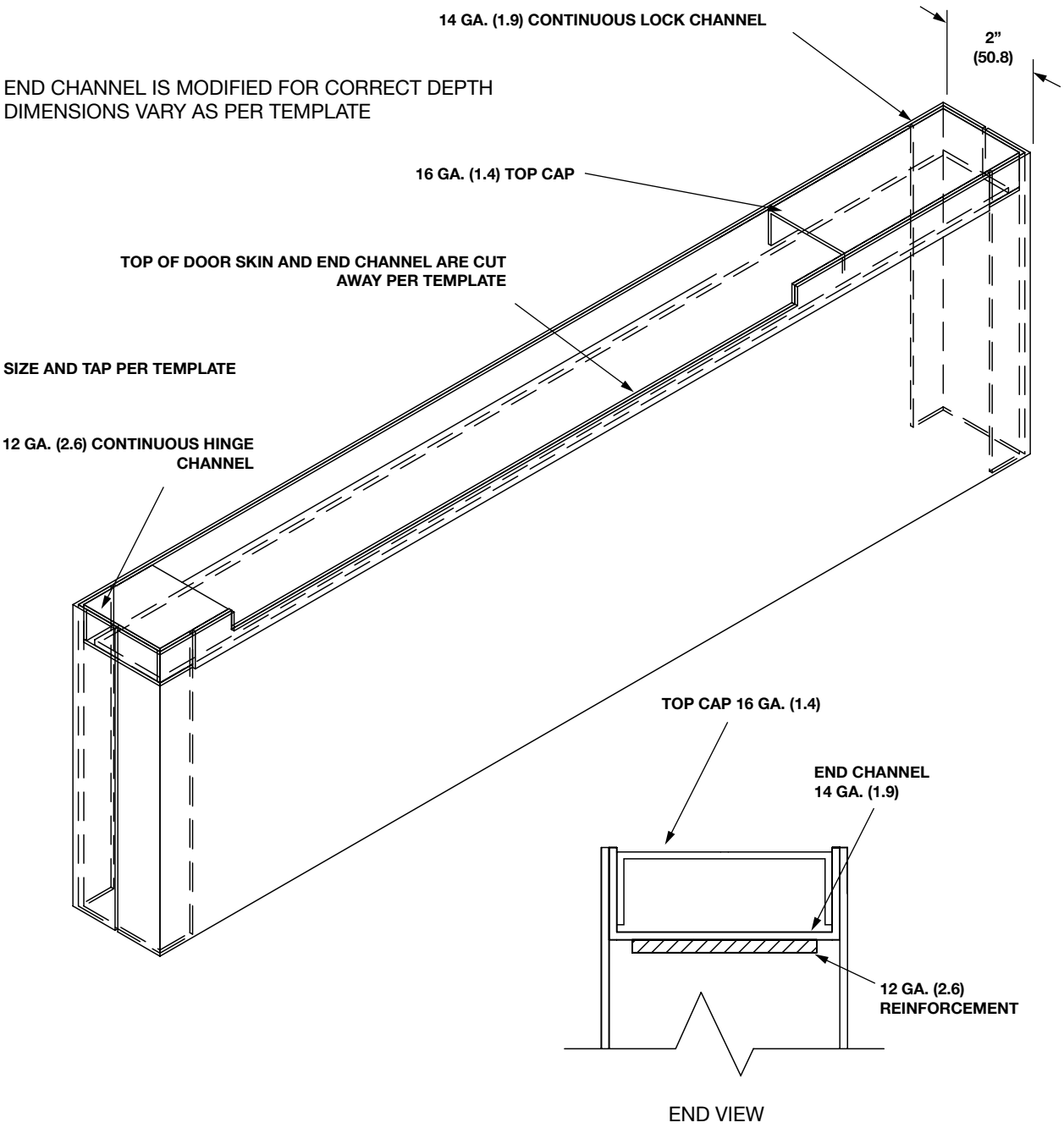


MOUNTING HOLES SHALL BE DRILLED AND TAPPED IN THE FIELD FOR DESIRED HOLD OPEN ANGLE.

857 CONCEALED OVERHEAD STOP REINFORCEMENT

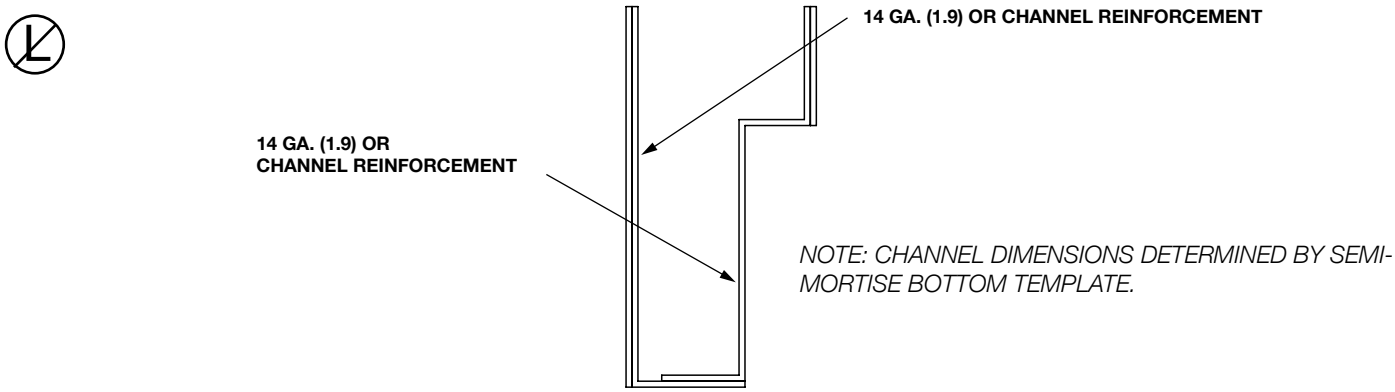
2" DOOR

Ⓛ

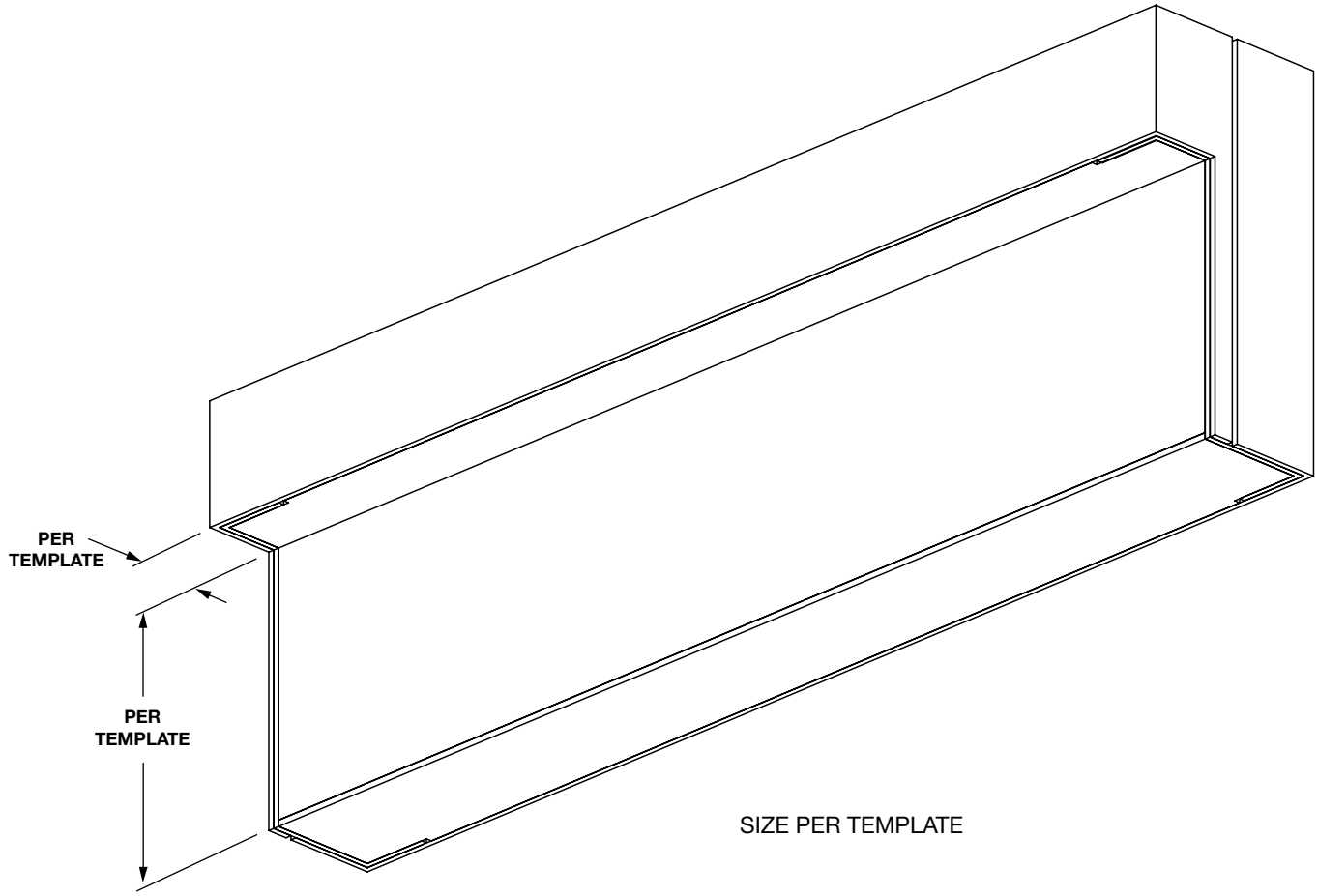


END VIEW

SEMI-MORTISE DOOR BOTTOM PREPARATION

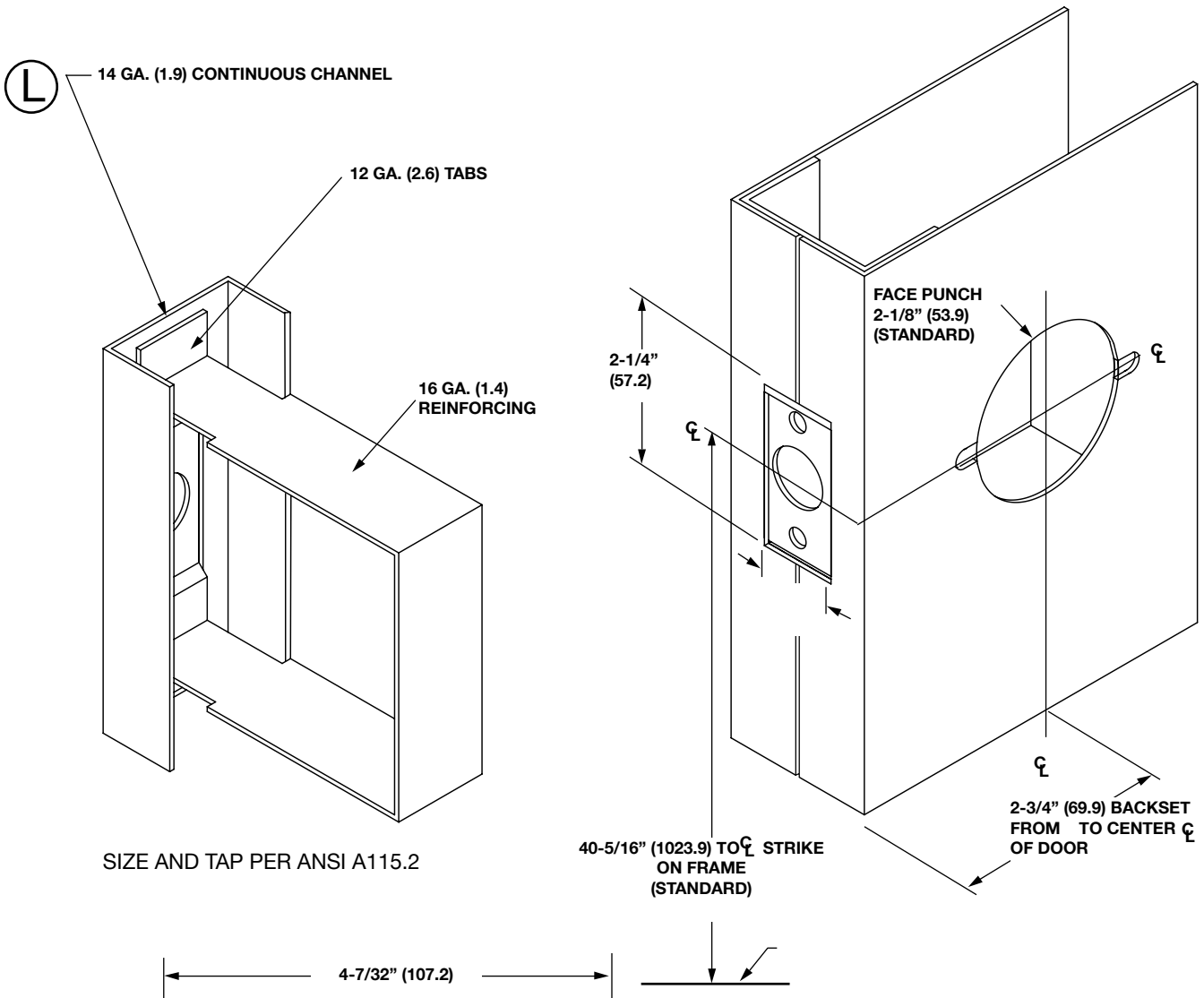


NOTE: CHANNEL DIMENSIONS DETERMINED BY SEMI-MORTISE BOTTOM TEMPLATE.



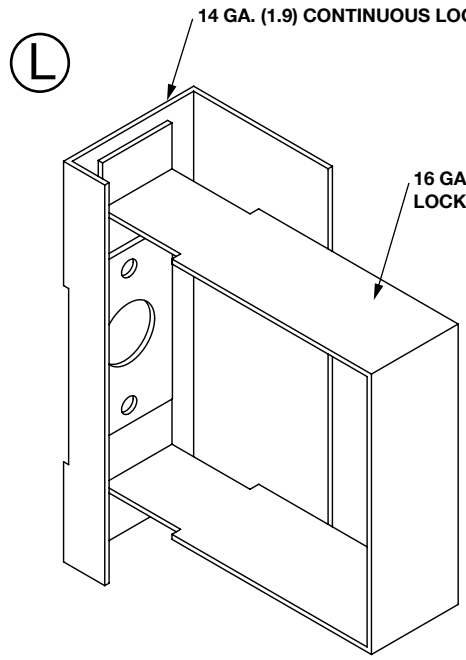
SIZE PER TEMPLATE

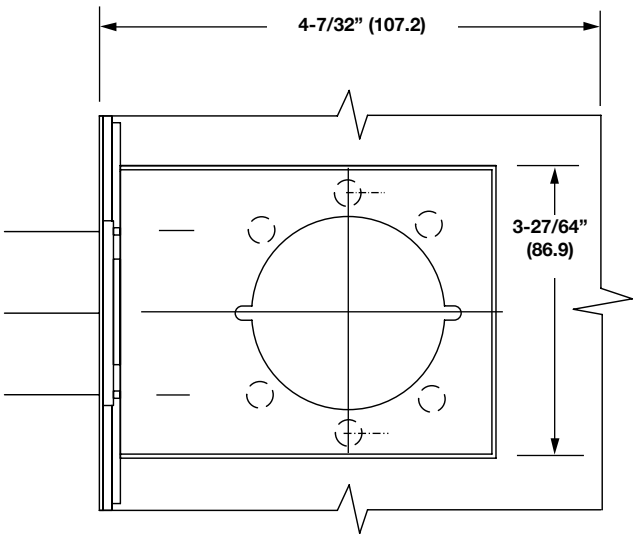
G1 GOVT. 160 REINF. CYLINDIRCAL LOCK 1-3/8" DOOR



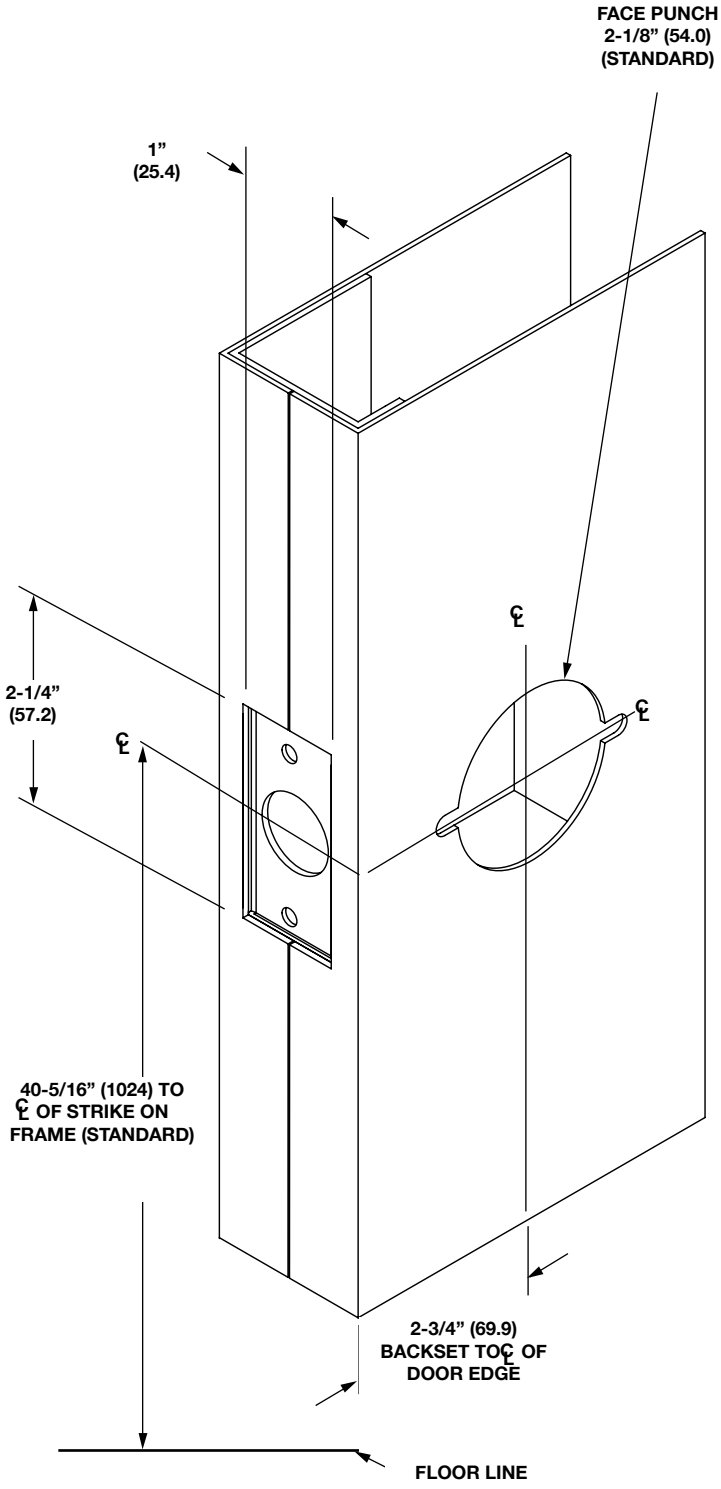
NOTE: NO LATCH BOLT GUIDE REQUIRED FOR 1-3/8" DOOR

G1A CYLINDRICAL THRU BOLT PREPARATION 1-3/8" DOOR



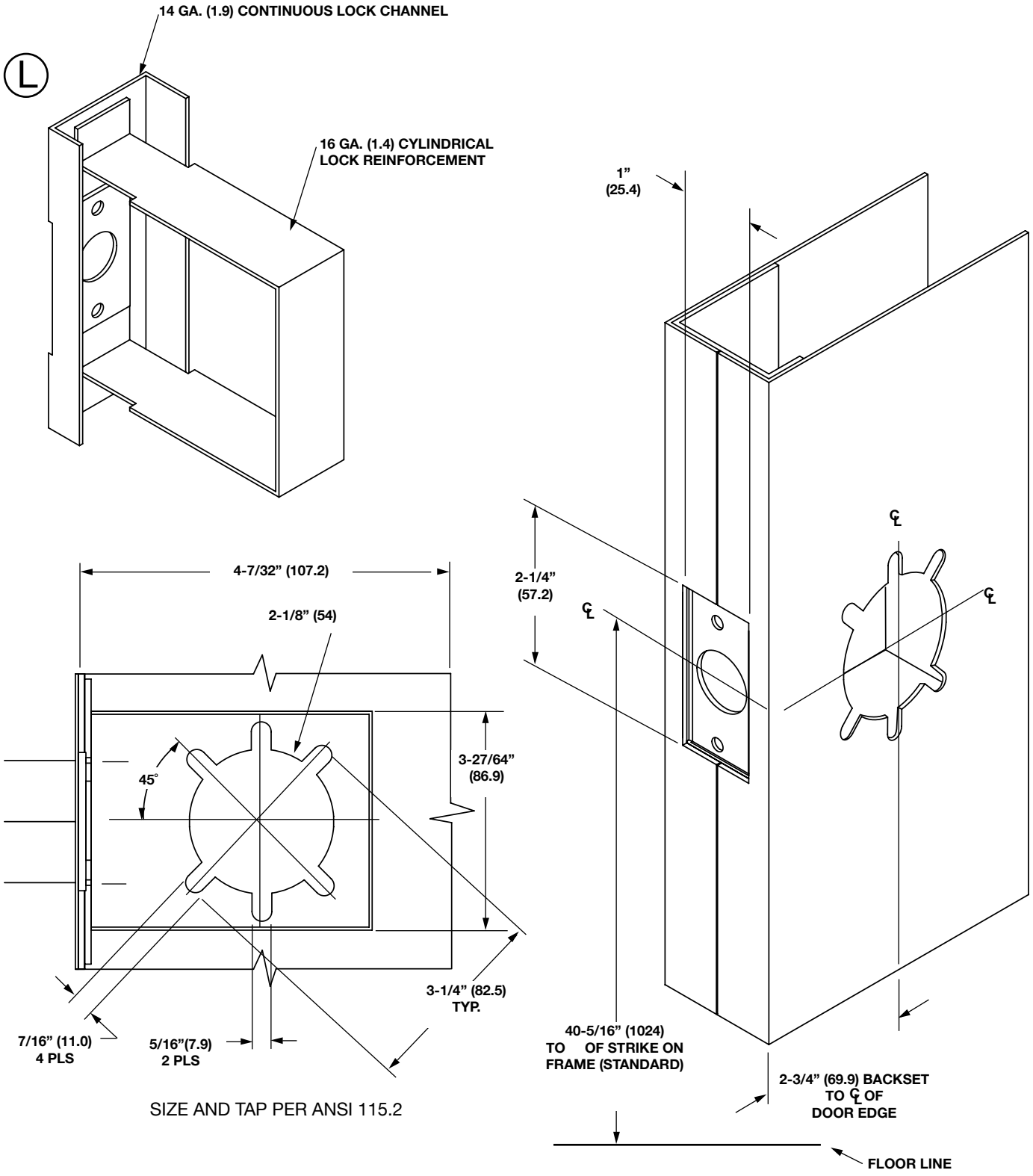


SIZE AND TAP PER ANSI 115.2



NOTE: LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.

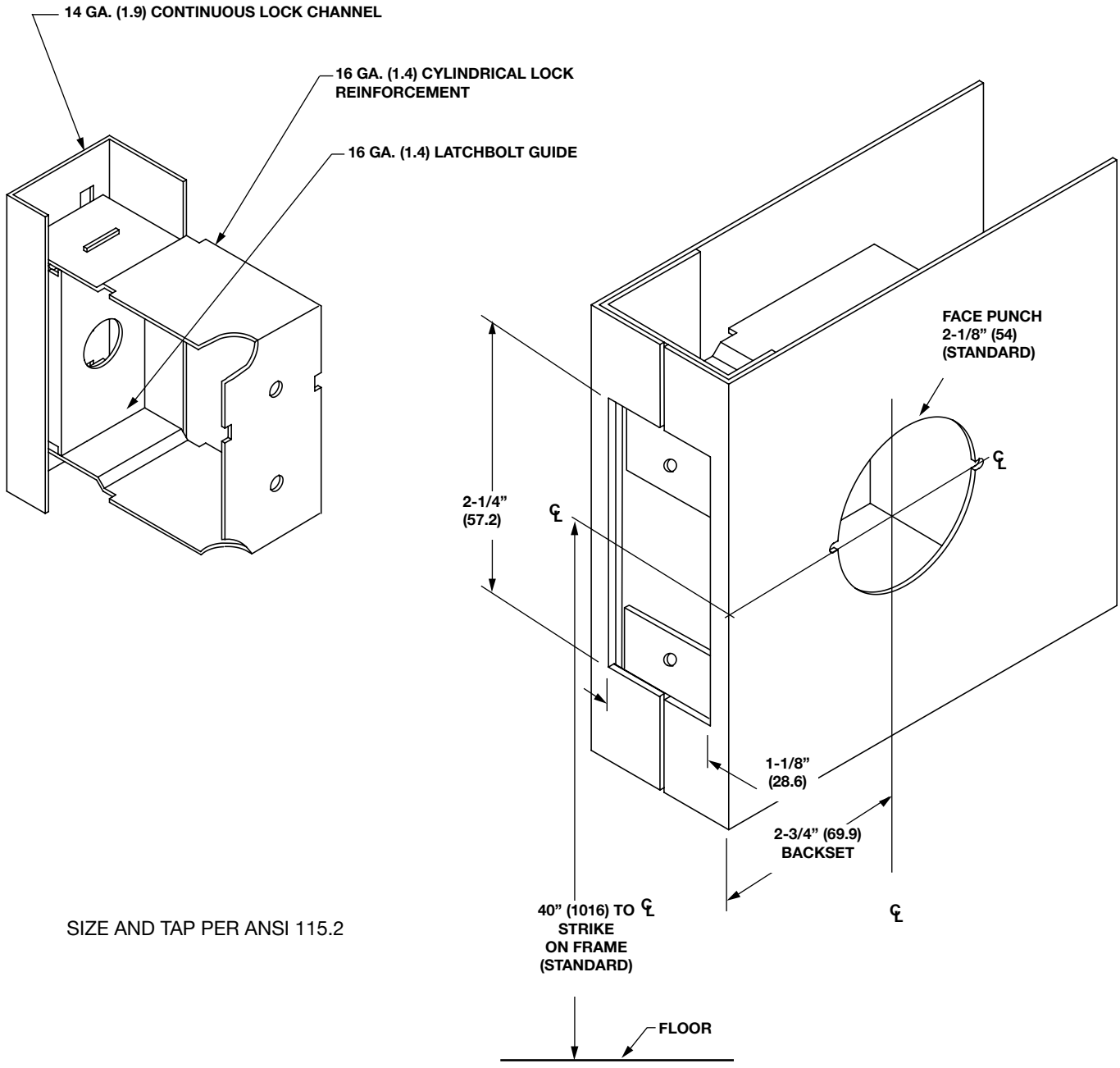
G1B CYLINDRICAL THRU BOLT PREPARATION 1-3/8" DOOR



SIZE AND TAP PER ANSI 115.2

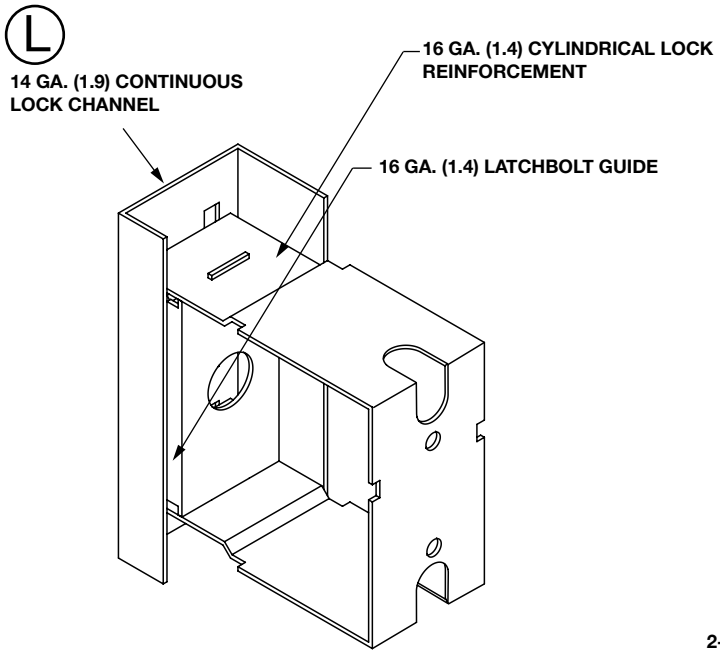
G2 GOVT. 161 REINF. CYLINDRICAL LOCK 1-3/4" DOOR

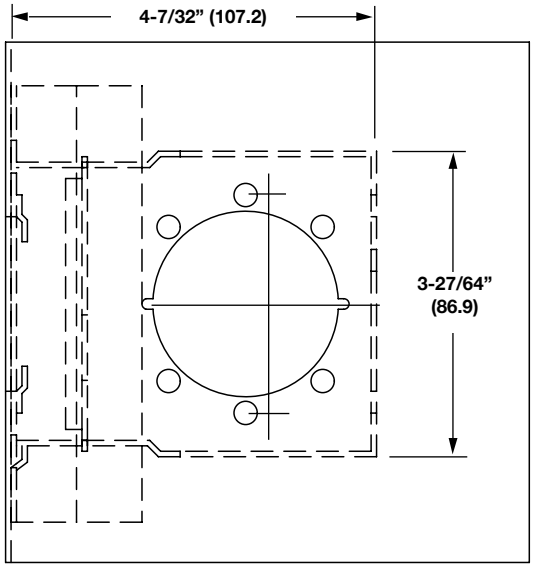
Ⓛ



SIZE AND TAP PER ANSI 115.2

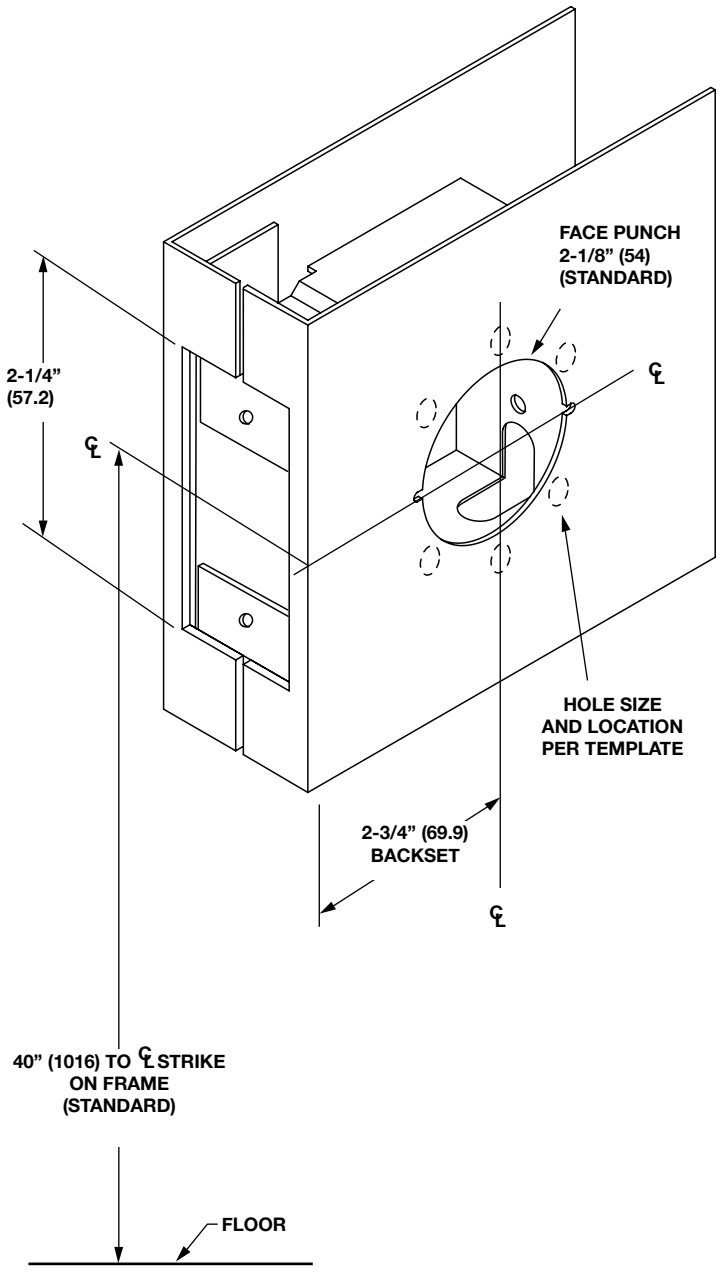
G2A CYLINDRICAL THRU BOLT PREPARATION 1-3/4" DOOR



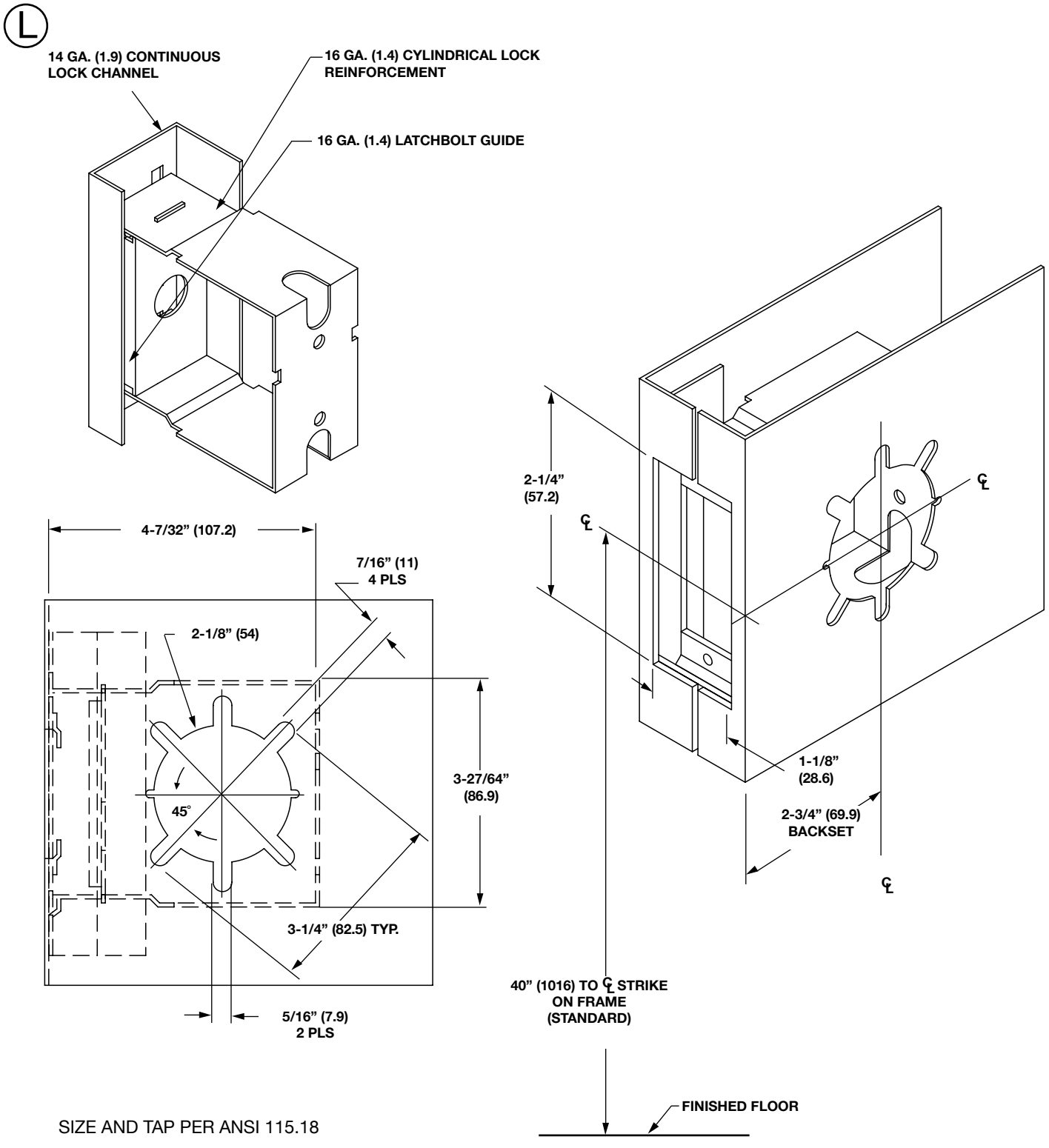


NOTE: LEVER HANDLE LOCKS REQUIRING INDEXING HOLES MUST BE SPECIFIED WHEN ORDERING.

SIZE AND TAP PER ANSI 115.2

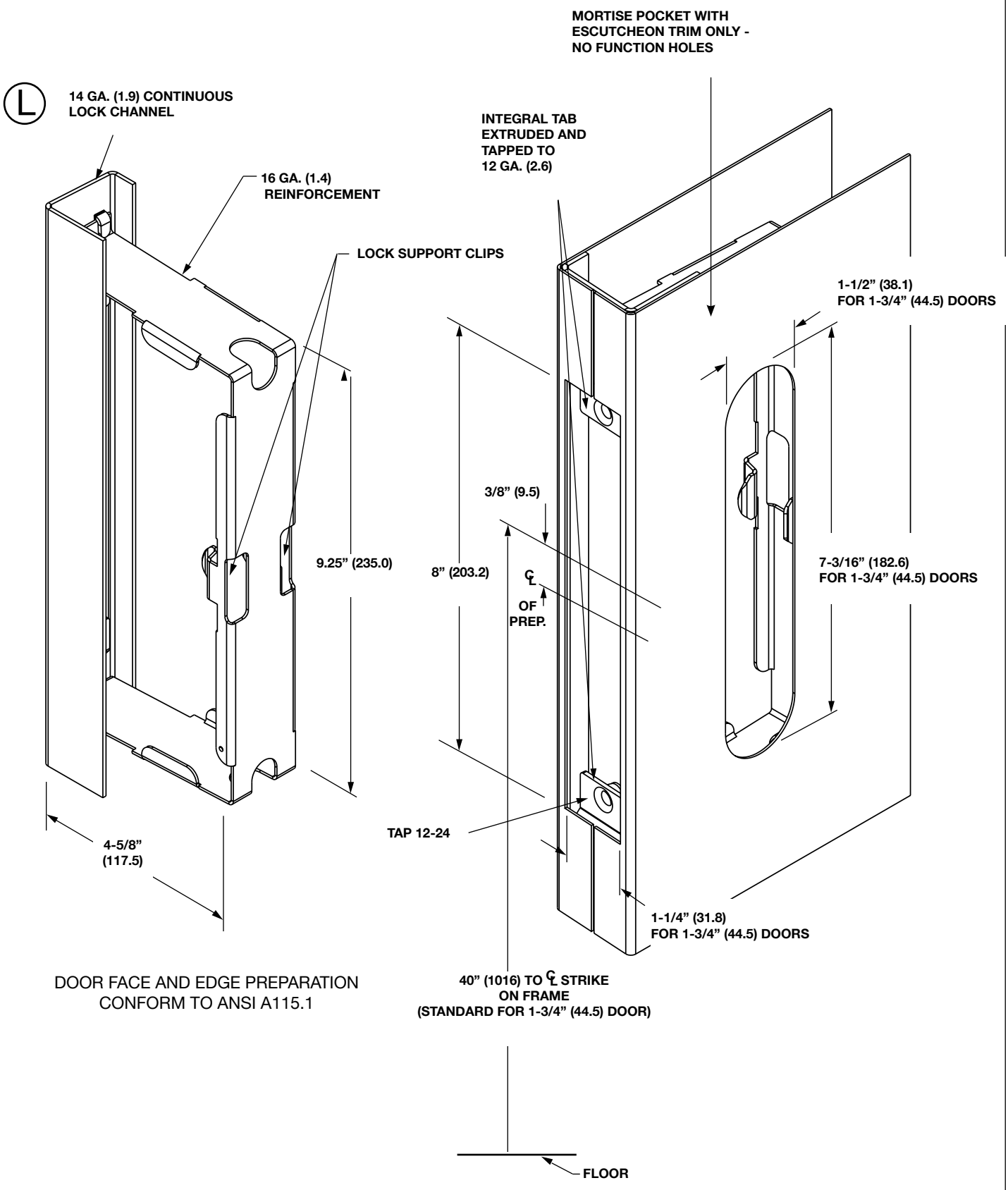


G2B CYLINDRICAL THRU BOLT PREPARATION 1-3/4" DOOR



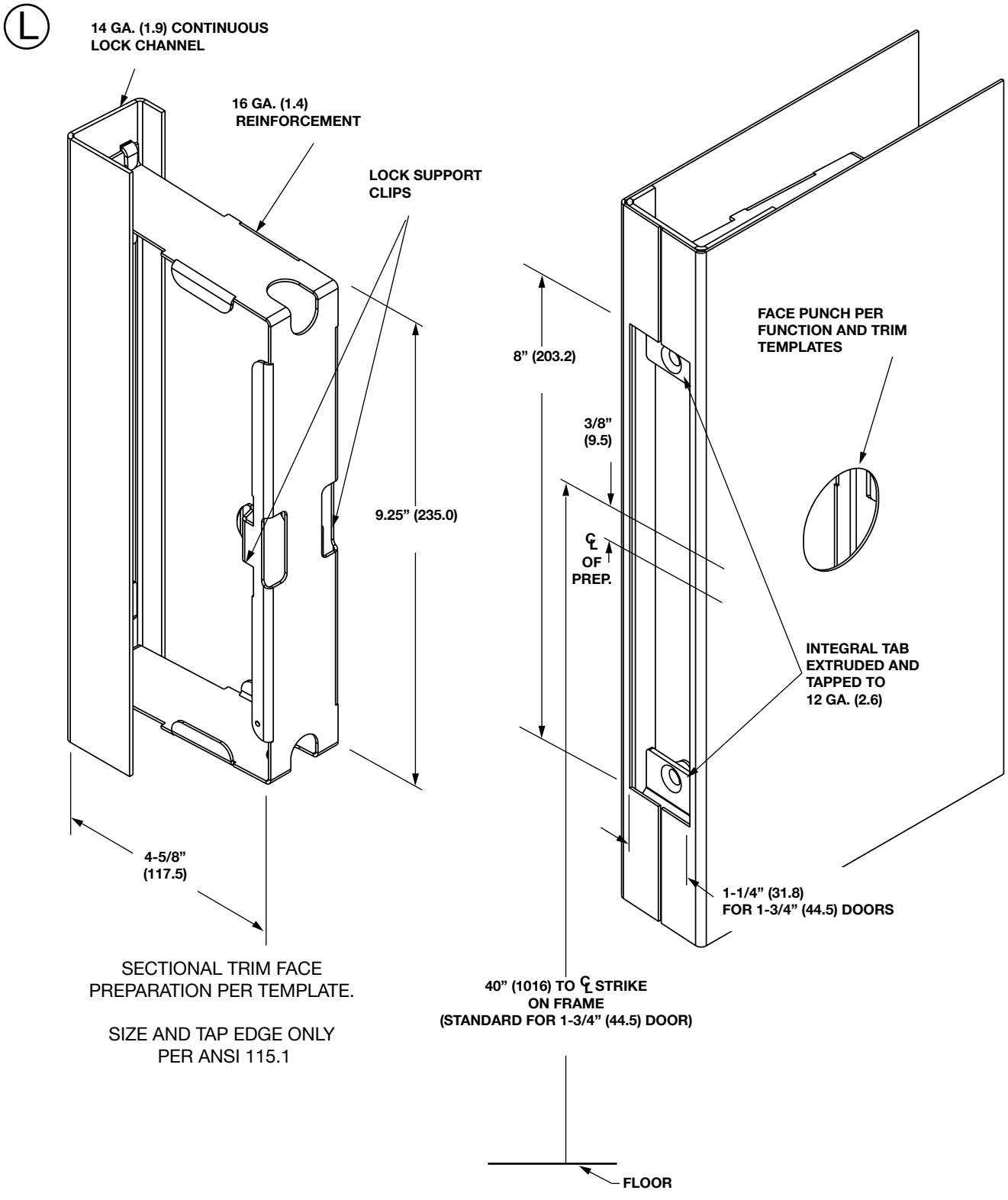
SIZE AND TAP PER ANSI 115.18

G3 GOVT. 86 MORTISE POCKET WITH ESCUTCHEON TRIM ONLY



DOOR FACE AND EDGE PREPARATION
CONFORM TO ANSI A115.1

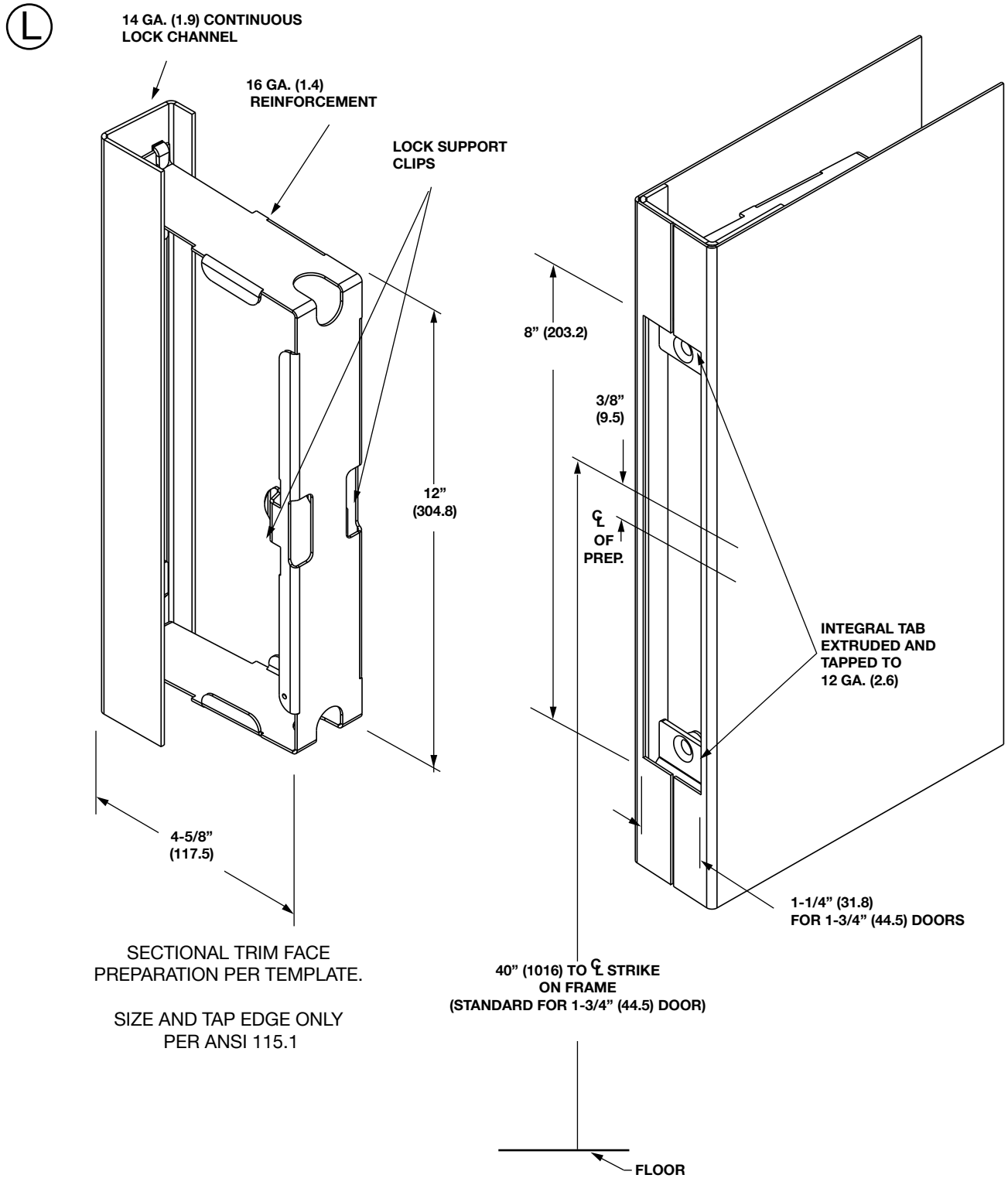
G3A MORTISE LOCK WITH FUNCTION AND TRIM HOLE PREPARATIONS



SECTIONAL TRIM FACE PREPARATION PER TEMPLATE.

SIZE AND TAP EDGE ONLY PER ANSI 115.1

G3AEO EDGE ONLY PREPARATION

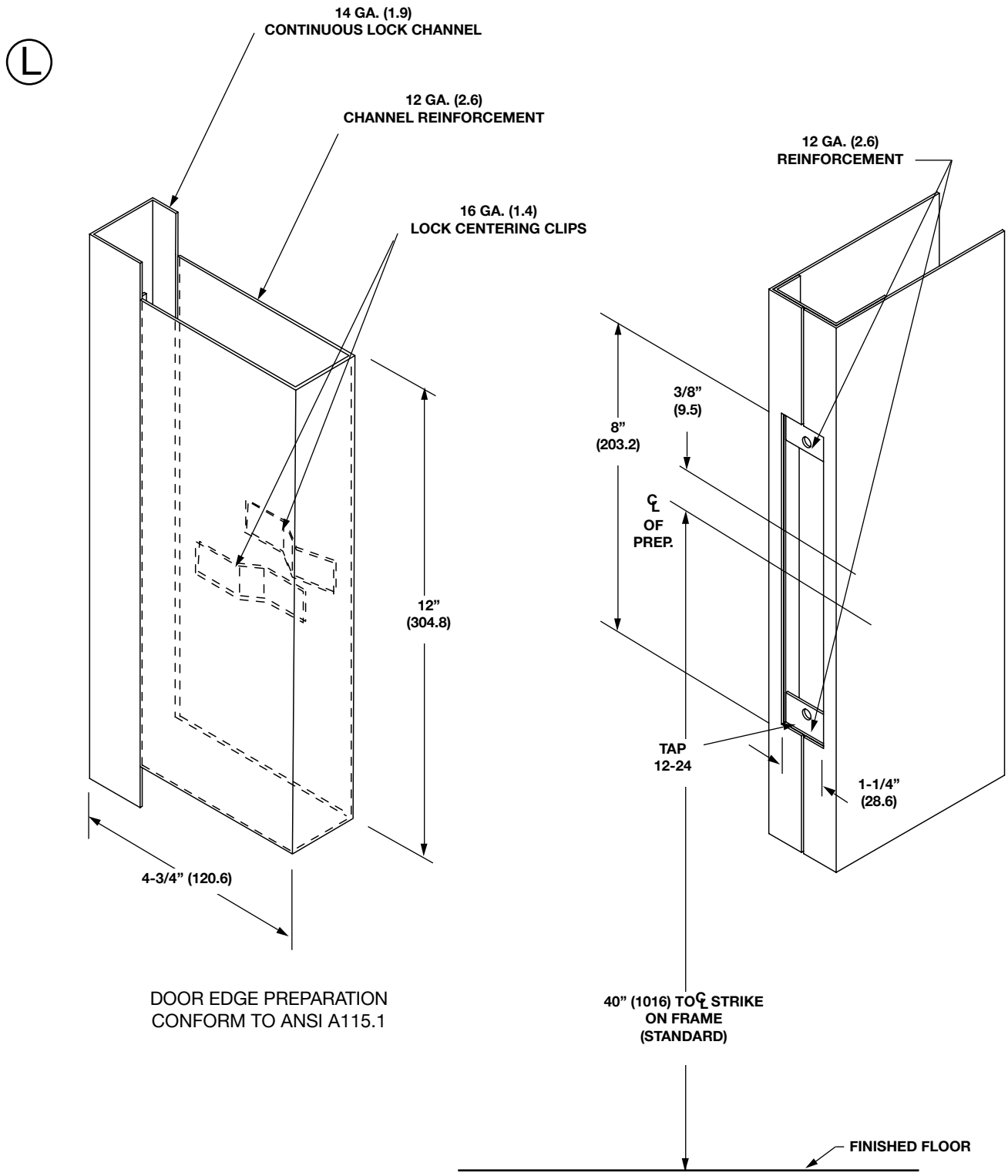


SECTIONAL TRIM FACE PREPARATION PER TEMPLATE.

SIZE AND TAP EDGE ONLY PER ANSI 115.1

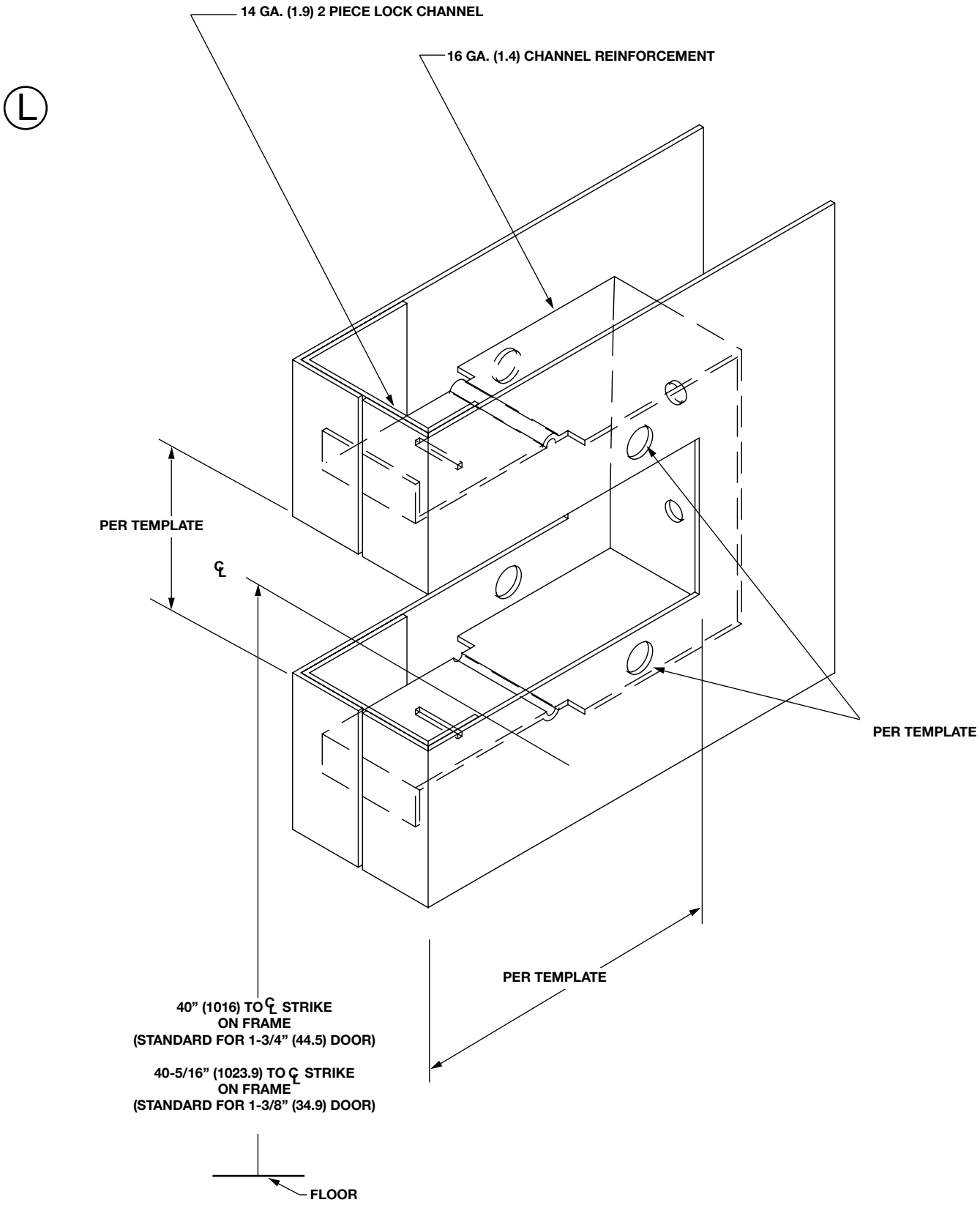
857 G3AEO GOVT. 86 ESCH. TRIM MORTISE LOCK

2" DOOR



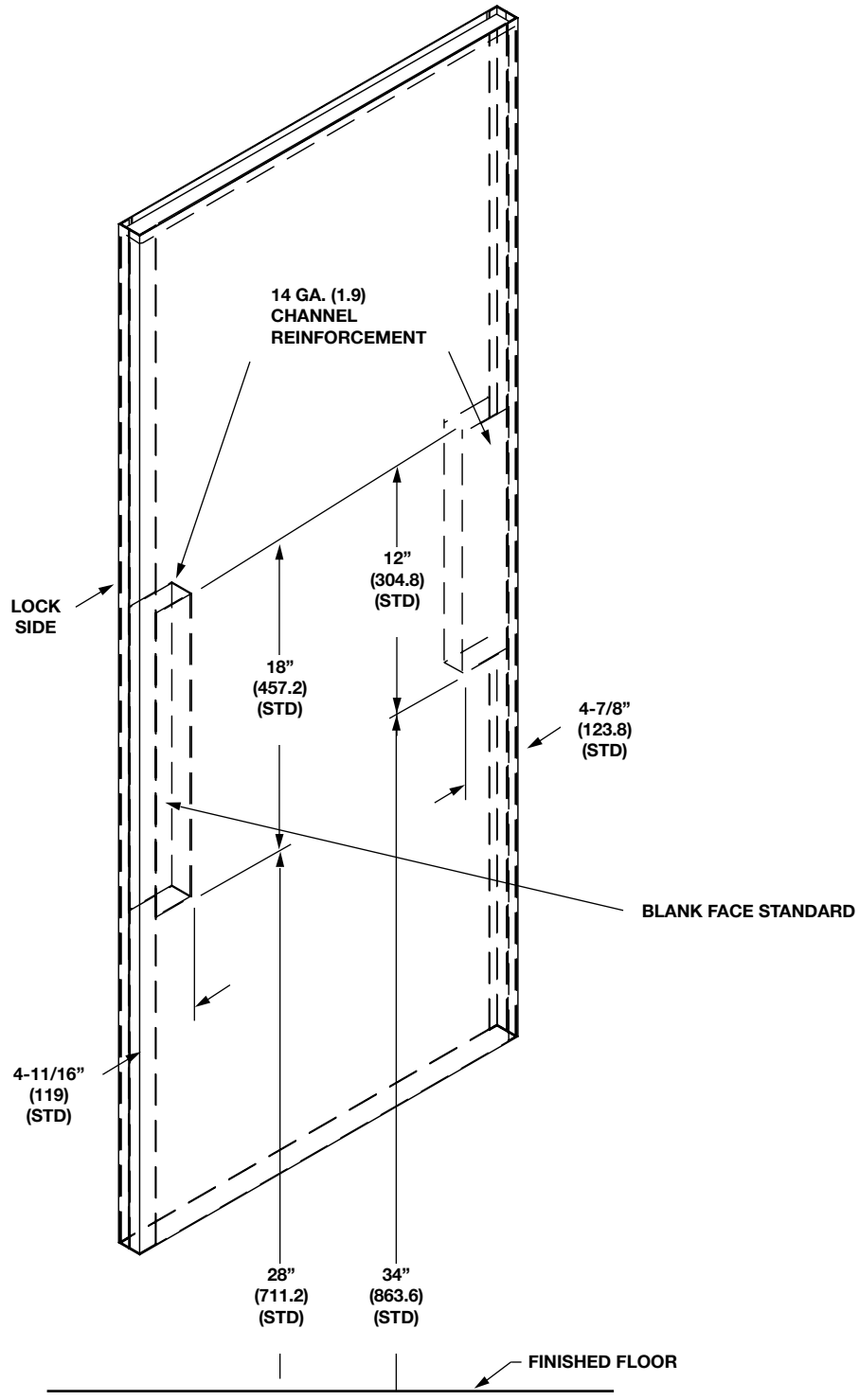
DOOR EDGE PREPARATION
CONFORM TO ANSI A115.1

G6 UNIT LOCK REINFORCEMENT



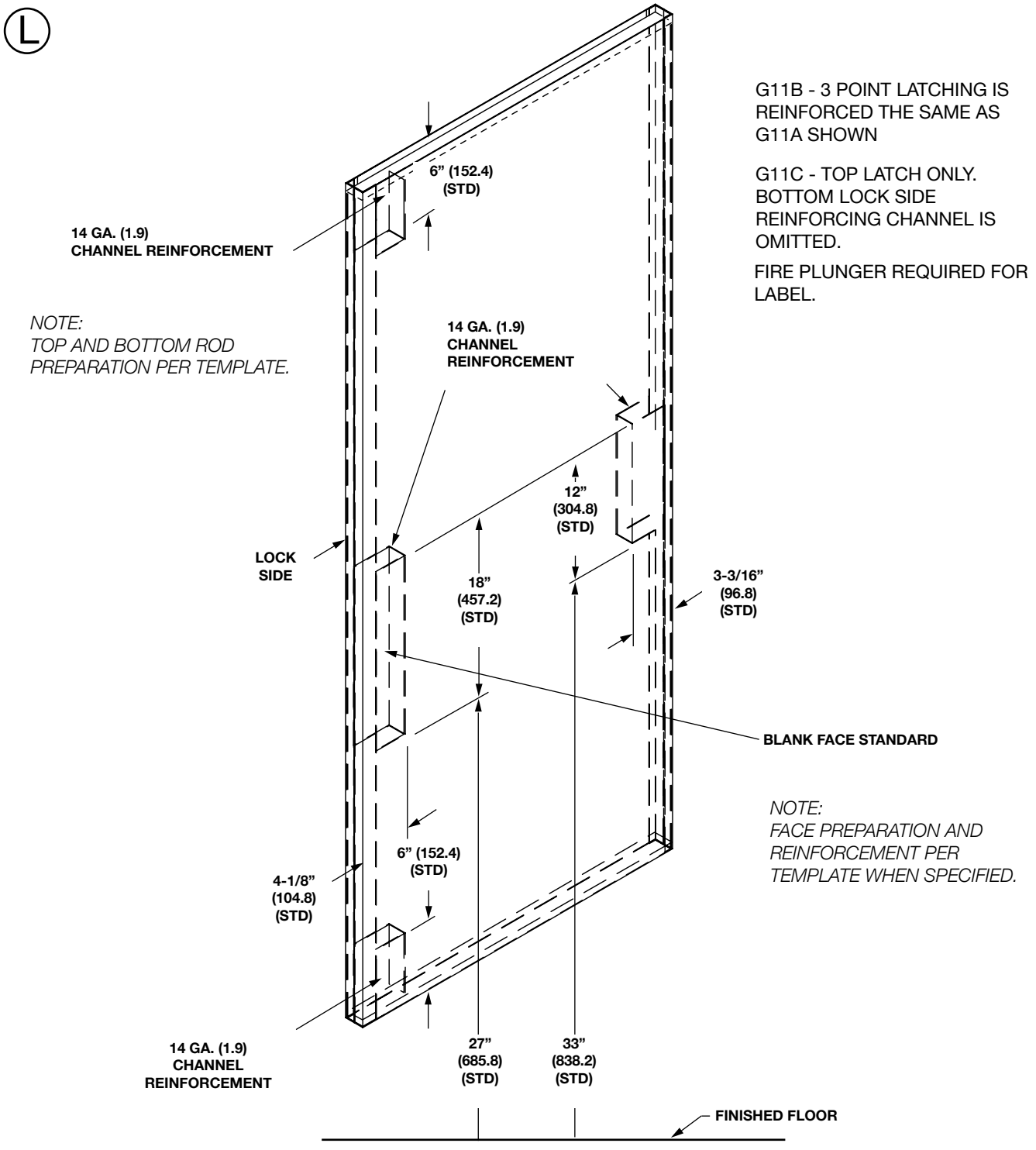
NOTE: SPECIFY HARDWARE MANUFACTURER AND MODEL NUMBER.

G11 RIM EXIT REINFORCEMENT



NOTE: FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

G11A, G11B, G11C RIM VERTICAL ROD EXIT REINFORCEMENT



NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

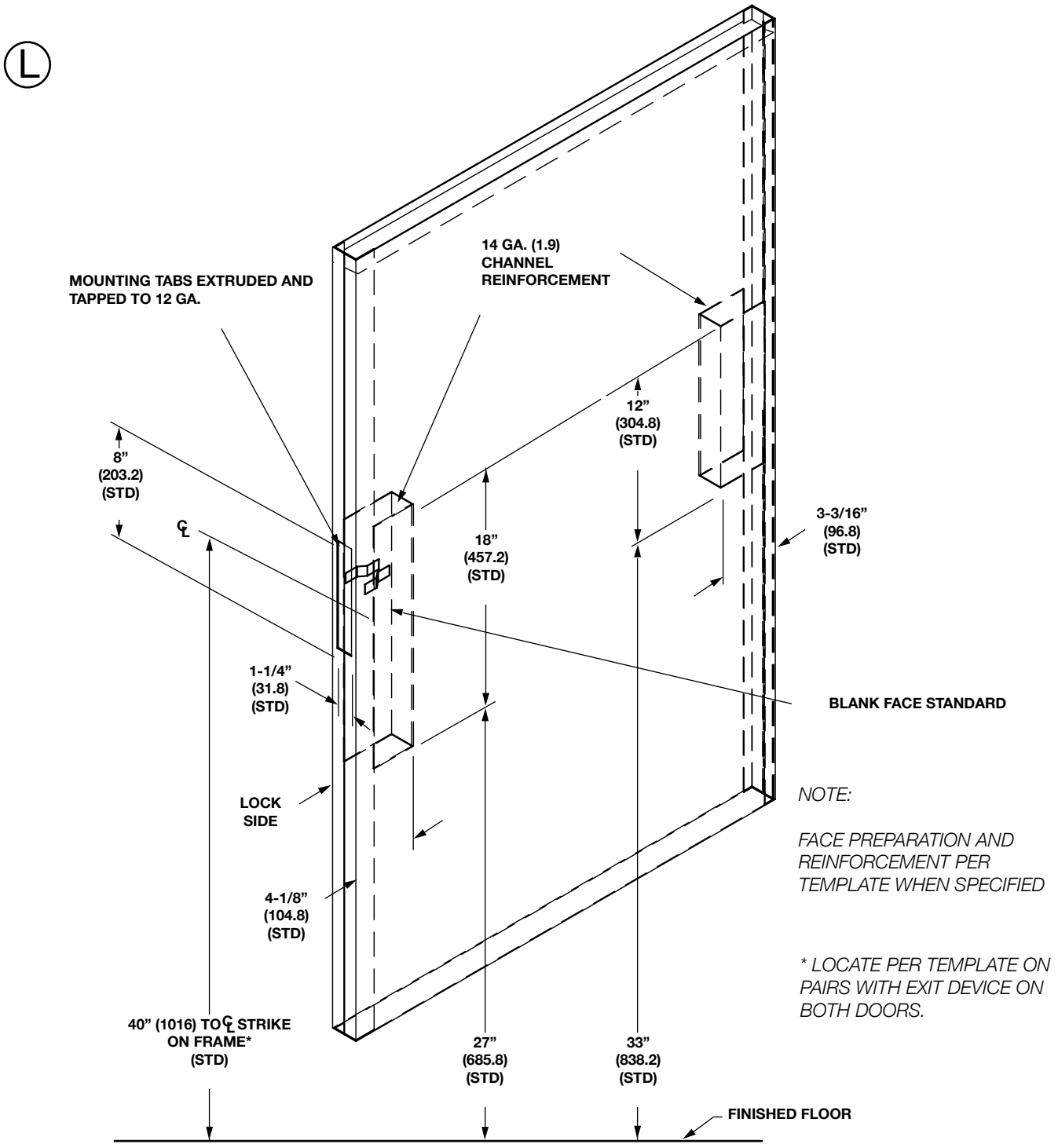
G11B - 3 POINT LATCHING IS REINFORCED THE SAME AS G11A SHOWN

G11C - TOP LATCH ONLY. BOTTOM LOCK SIDE REINFORCING CHANNEL IS OMITTED.

FIRE PLUNGER REQUIRED FOR LABEL.

NOTE:
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED.

G12 MORTISE EXIT REINFORCEMENT

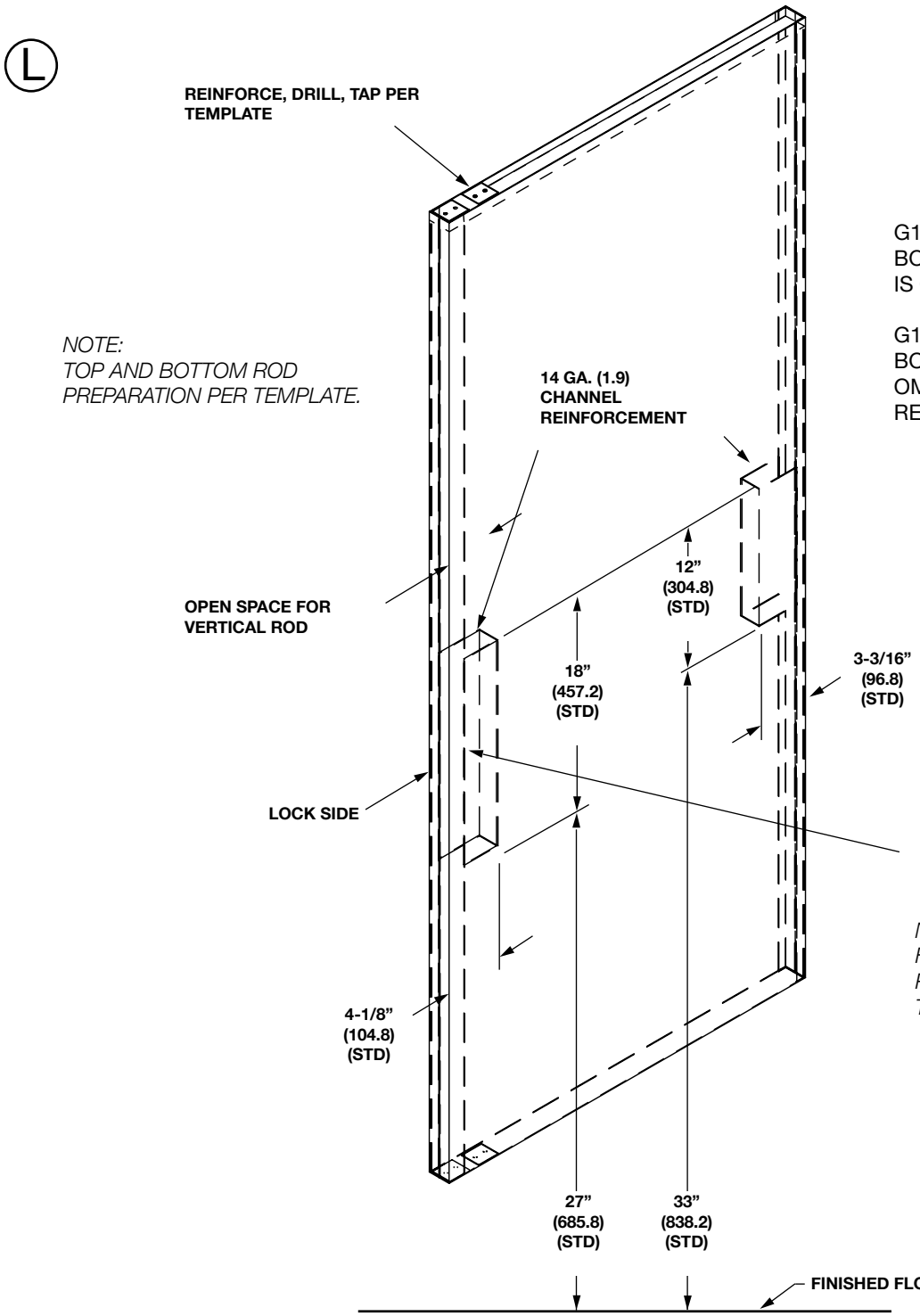


NOTE:

FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

** LOCATE PER TEMPLATE ON PAIRS WITH EXIT DEVICE ON BOTH DOORS.*

G12A, G12B, G12C CONCEALED VERTICAL ROD



NOTE:
TOP AND BOTTOM ROD PREPARATION PER TEMPLATE.

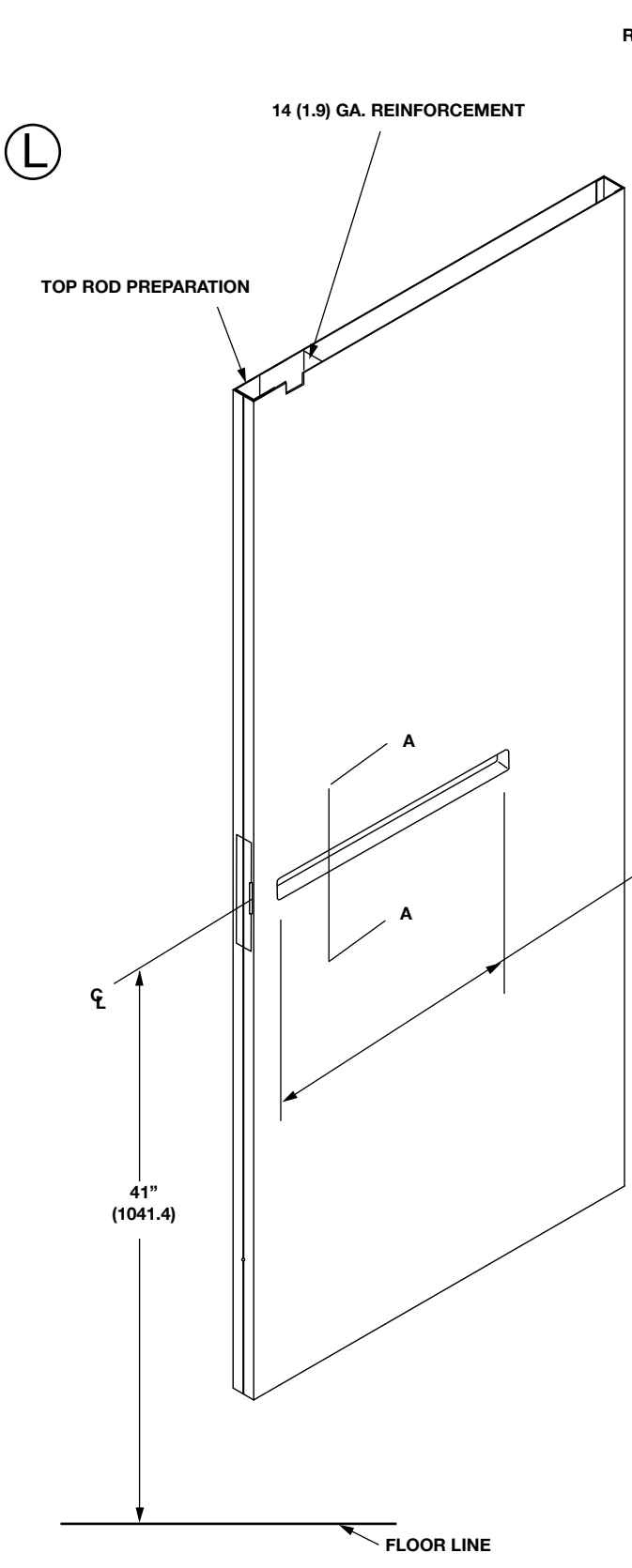
G12B - LESS BOTTOM ROD. BOTTOM ROD PREPARATION IS OMITTED.

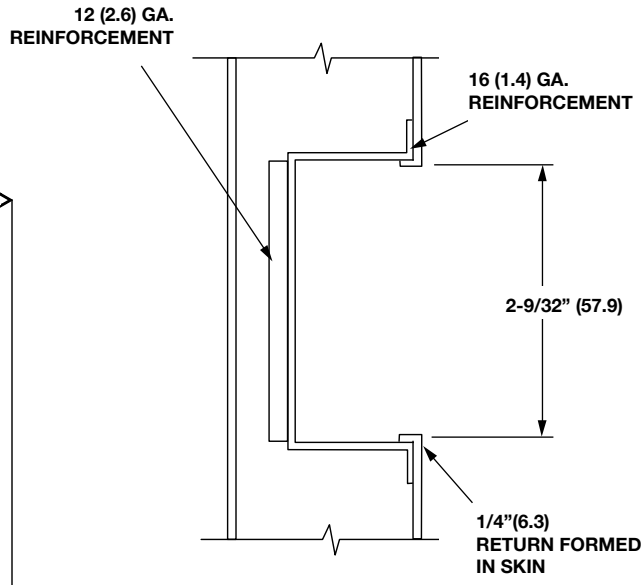
G12C - LESS BOTTOM ROD. BOTTOM ROD PREP. IS OMITTED. FIRE PLUNGER REQUIRED FOR LABEL.

NOTE:
FACE PREPARATION AND REINFORCEMENT PER TEMPLATE WHEN SPECIFIED

NOTE: FINISH FLOOR, BOTTOM UNDERCUT, AND BOLT PROTRUSION CRITICAL FOR BOLT ENGAGEMENT TO FLOOR.

G13B SARGENT RECESSED LATCH TOP AND MORTISE LOCK (LBR)





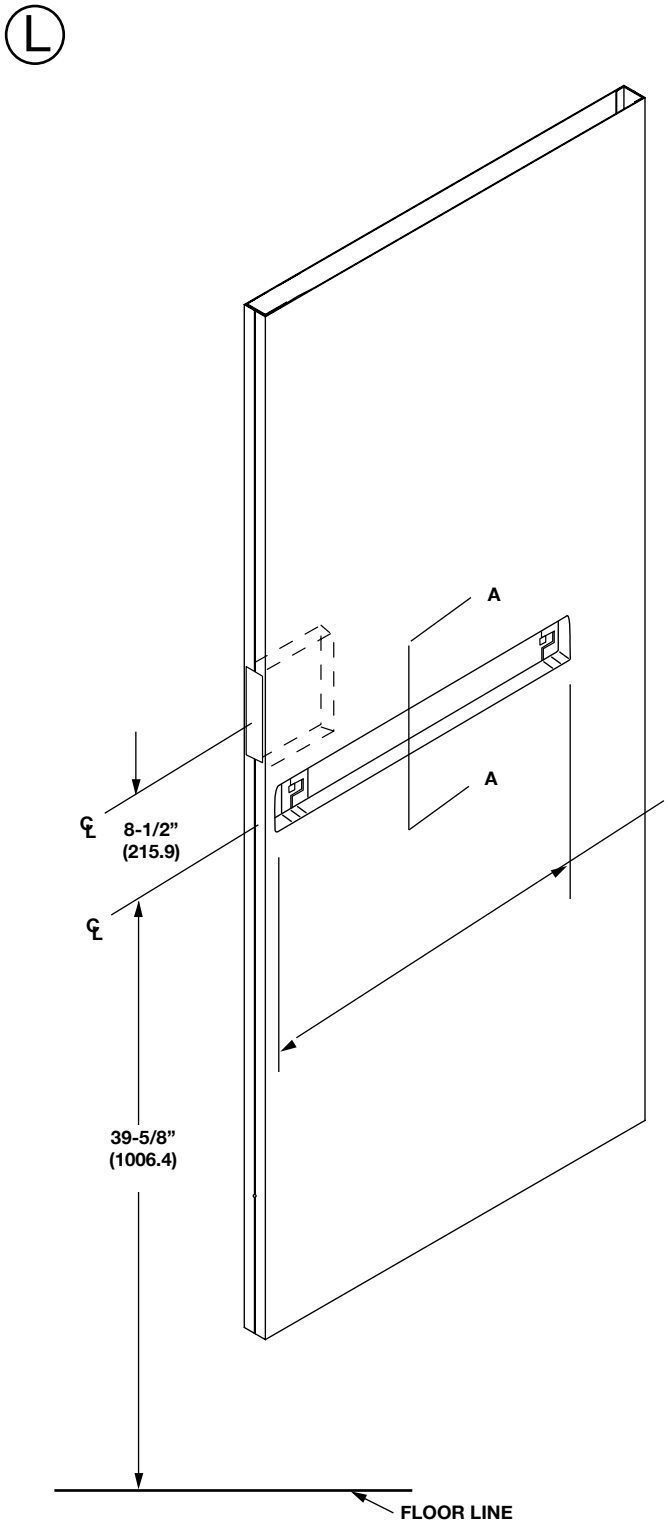
SECTION A–A

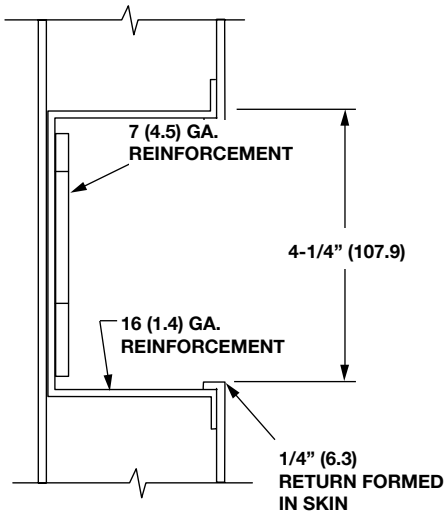
CUTOUT WIDTH	NOMINAL DOOR WIDTH *
30-5/32" (765.9)	3'0" (914.4) ONLY
36-5/32" (918.3)	3'6" (1066.8) OR 3'8" (1117.6)
40-5/32" (1019.9)	3'10" (1168) OR 4'0" (1219.2),
4'0" (1219.2) -5'0" (1524)	

**STANDARD HINGE AND LOCK CLEARANCES*

THE DEVICE IS FIRE RATED UP TO 90 MINUTES IN DOORS UP TO 4'0" (1219.2) X 10'0" (3048) (SINGLES) AND 8'0" (2438.4) X 10'0" (3048) (PAIRS).

G13 “VON DUPRIN” RECESSED LATCH TOP AND MORTISE LOCK (LBR)





SECTION A–A

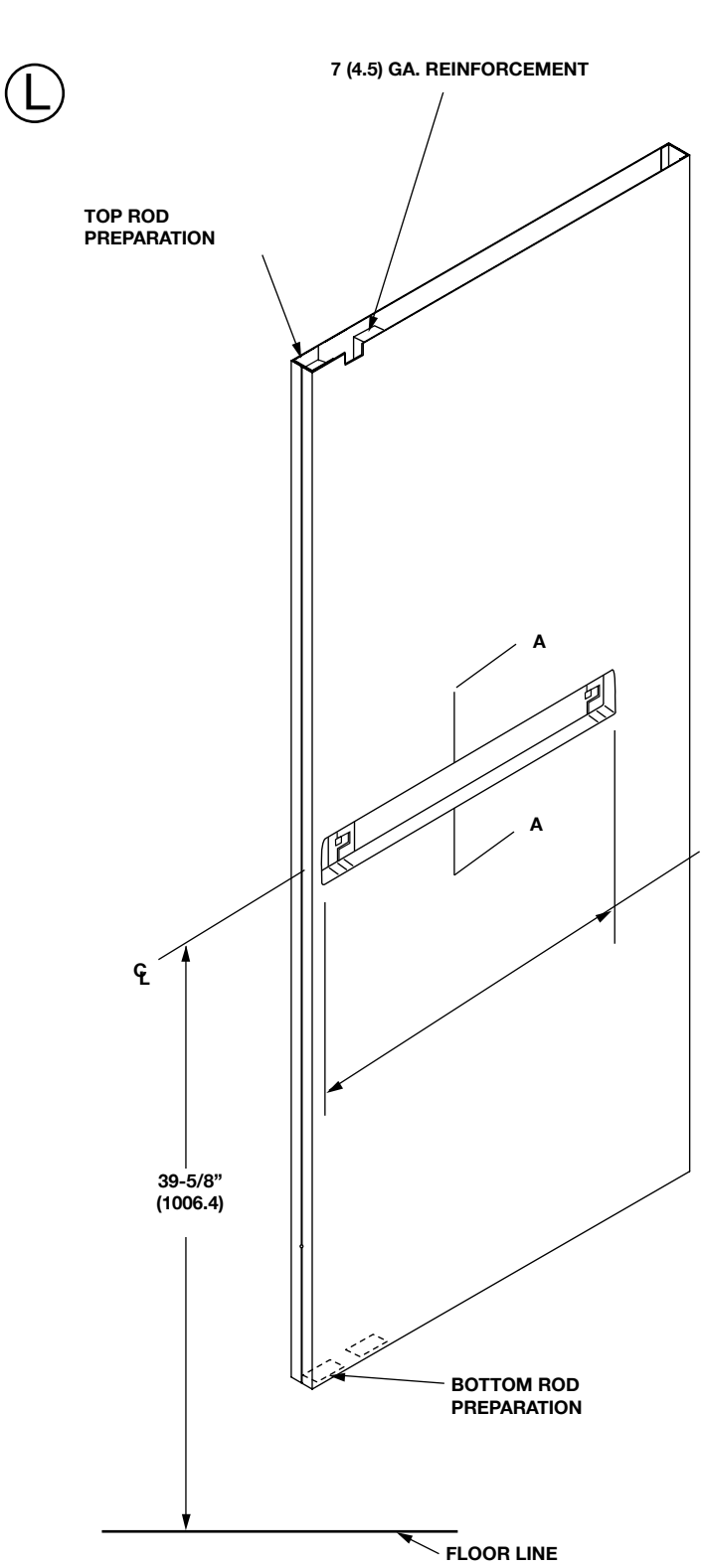
CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32” (613.6)	2’6” (762.0) < W < 2’10” (863.6)
30-5/32” (765.9)	2’10” (863.6) < W < 5’0” (1524)

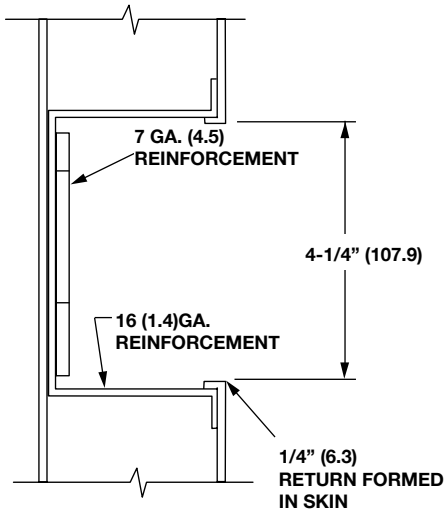
THE DEVICE IS FIRE RATED UP TO THREE HOURS IN DOORS UP TO 4’0” (1219.2) X 10’0” (3048) (SINGLES).

** STANDARD HINGE AND LOCK CLEARANCES*

1-3/4” DOOR ONLY
NOT AVAILABLE ON:
- EMBOSSED PANEL DOORS
- 20 (.91) GAUGE DOORS
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2” (50.8) THICK DOORS

G13A "VON DUPRIN" RECESSED VERTICAL ROD EXIT DEVICE





SECTION A–A

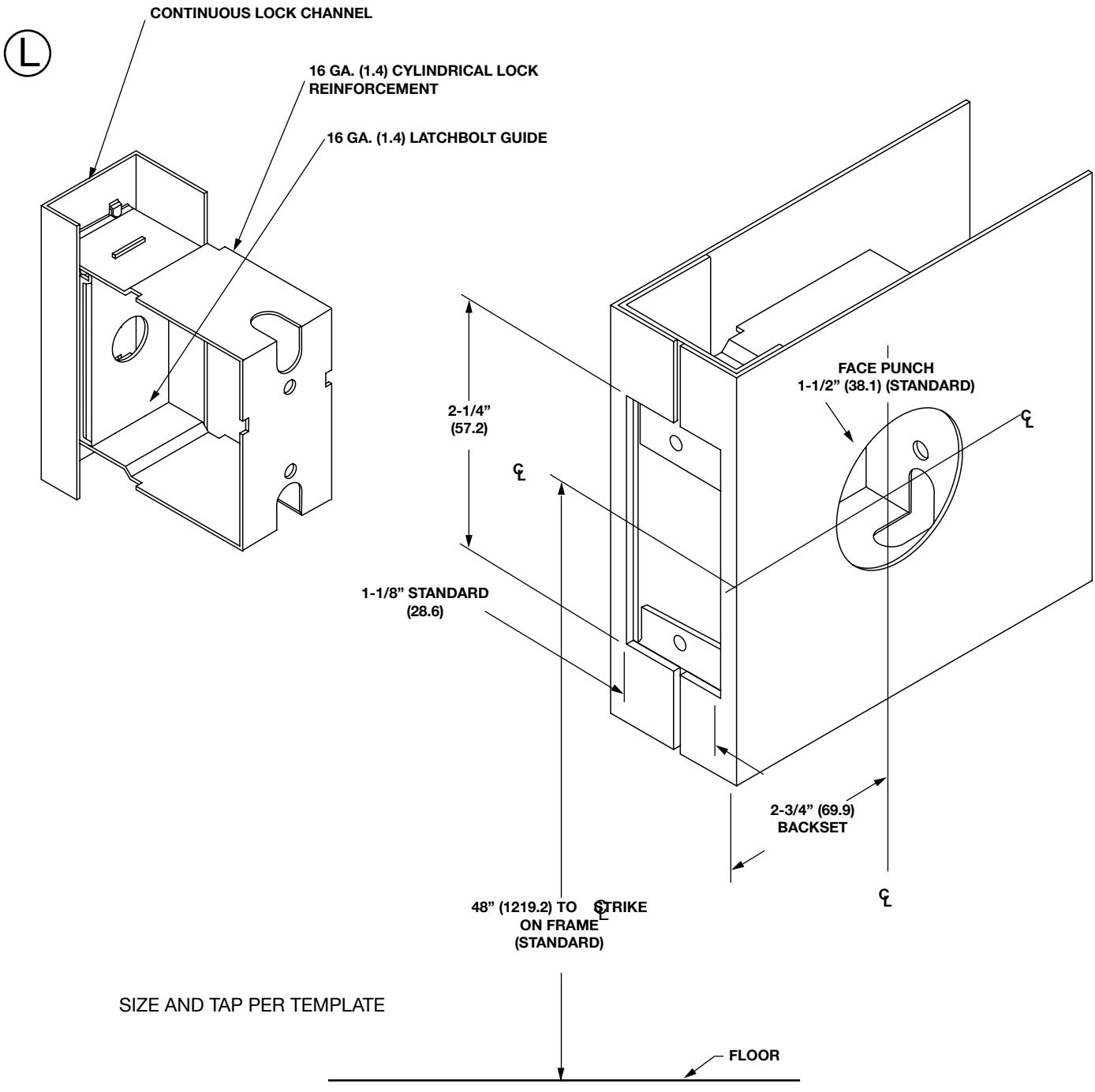
CUTOUT WIDTH	NOMINAL DOOR WIDTH, W *
24-5/32" (613.6)	2'6" (762.0) < W < 2'10" (863.6)
30-5/32" (765.9)	2'10" (863.6) < W < 5'0" (1524)

THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8'0" X 10'0", 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.

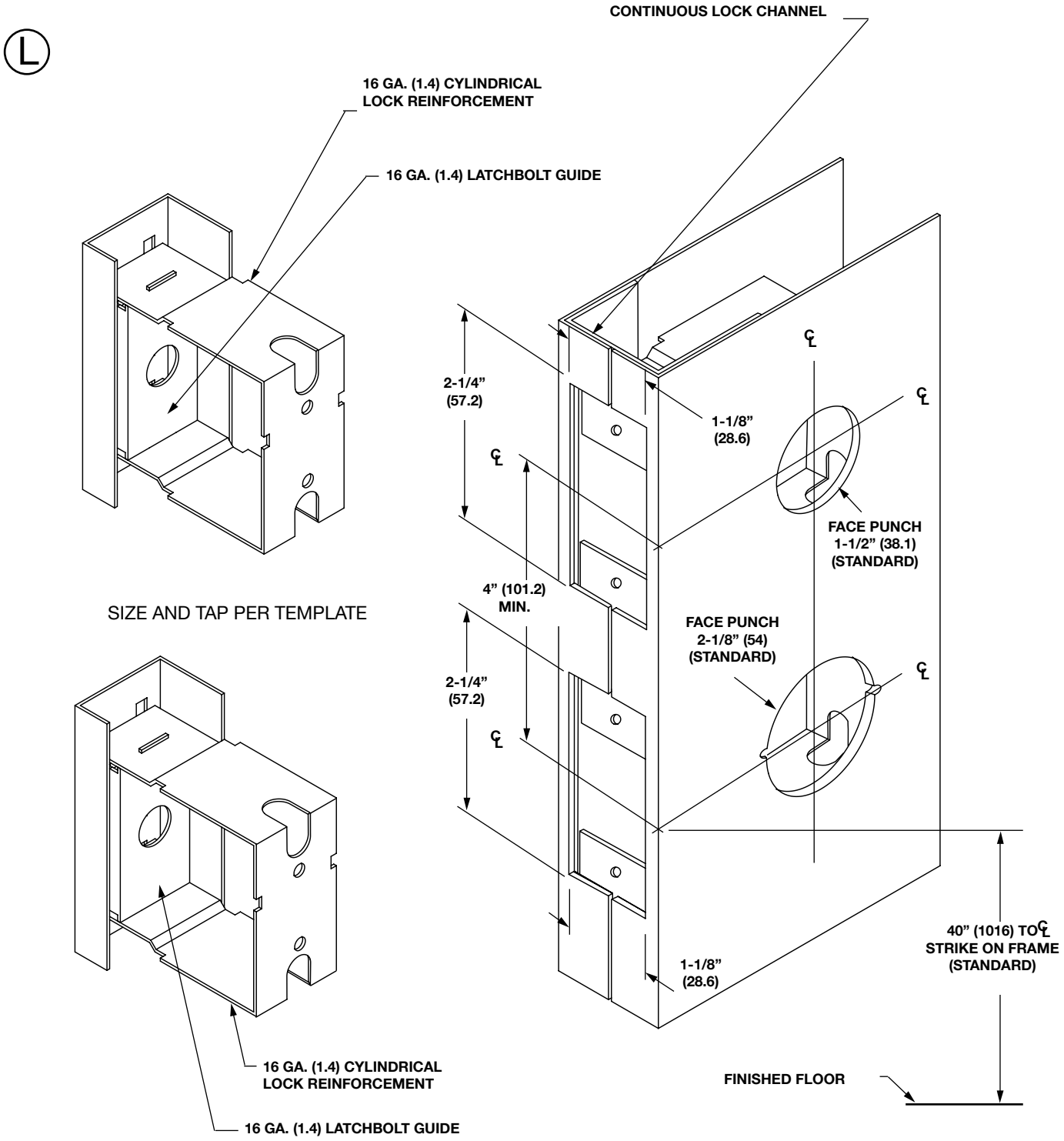
** STANDARD HINGE AND LOCK CLEARANCES*

1-3/4" (44.4) DOOR ONLY
NOT AVAILABLE ON:
- EMBOSSED PANEL DOORS
- 20 (.91) GAUGE DOORS
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2" (50.8) THICK DOORS

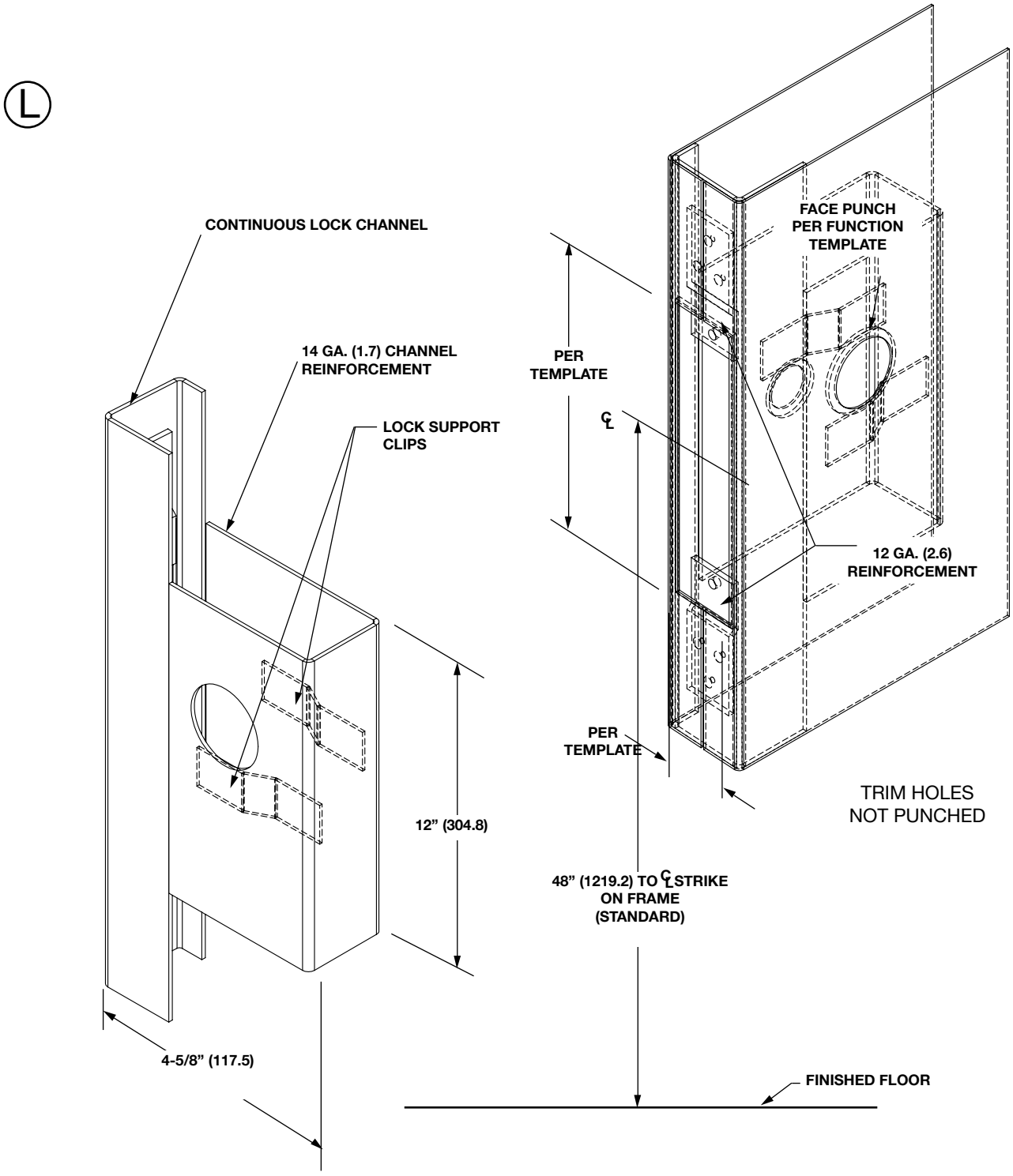
G16 CYLINDRICAL DEADLOCK PREPARATION



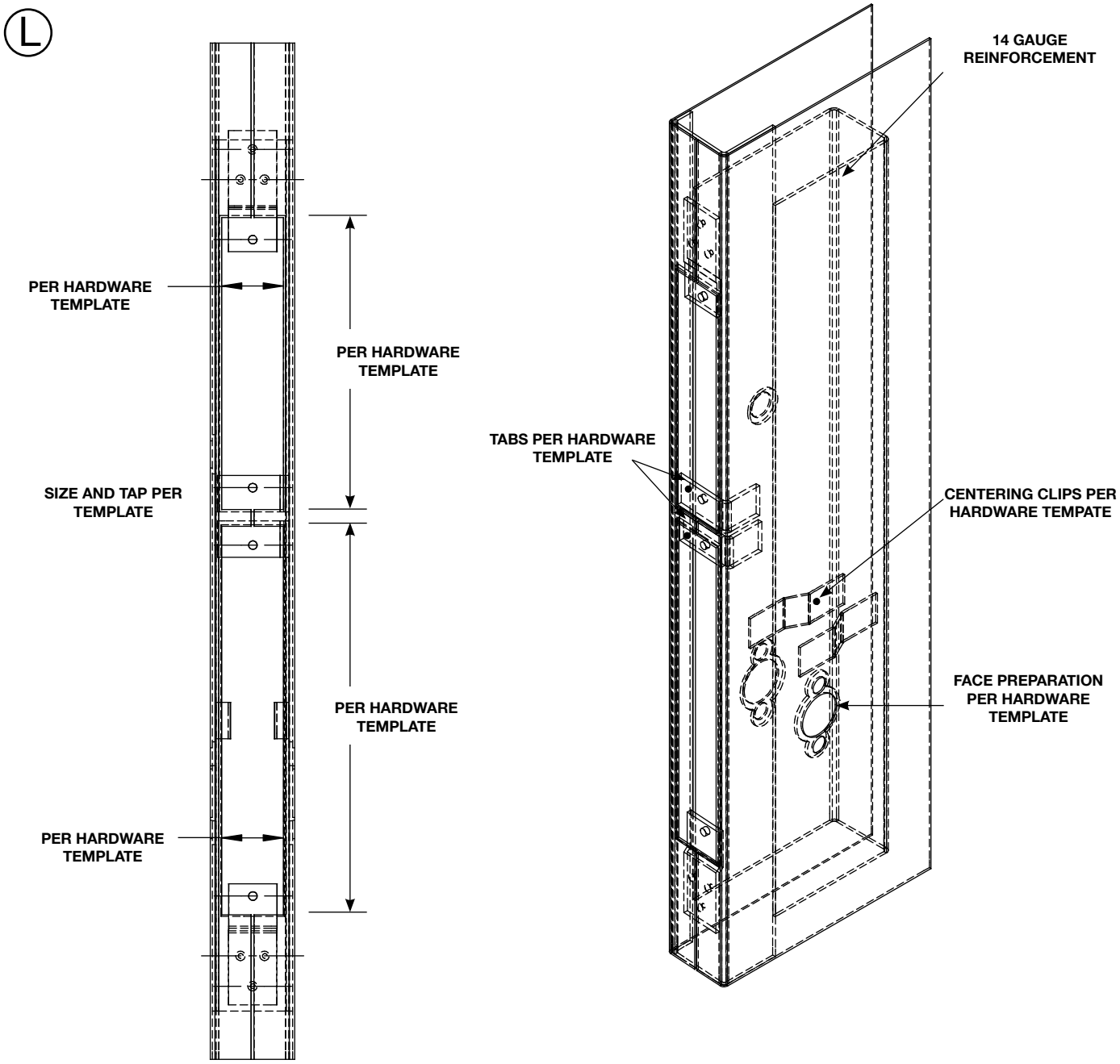
G2 LOCK G16 DEADLOCK COMBINATION (G25)



G17 MORTISE DEADLOCK PREPARATION



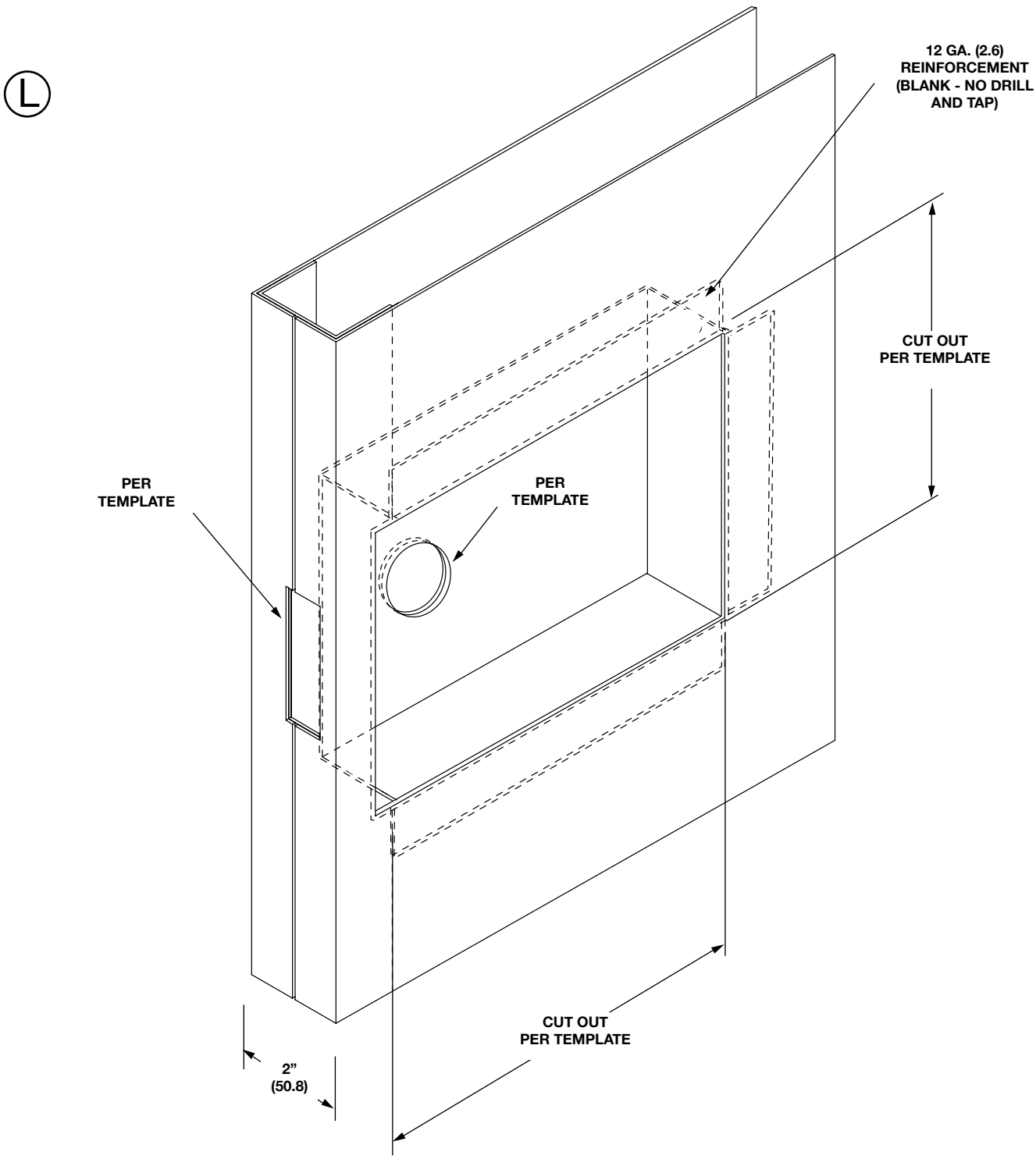
CM COMBINATION LOCK



HARDWARE MUST BE TEMPLATED FOR USE IN HOLLOW METAL APPLICATIONS.

857 G30 DOOR MOUNTED POCKET LOCK

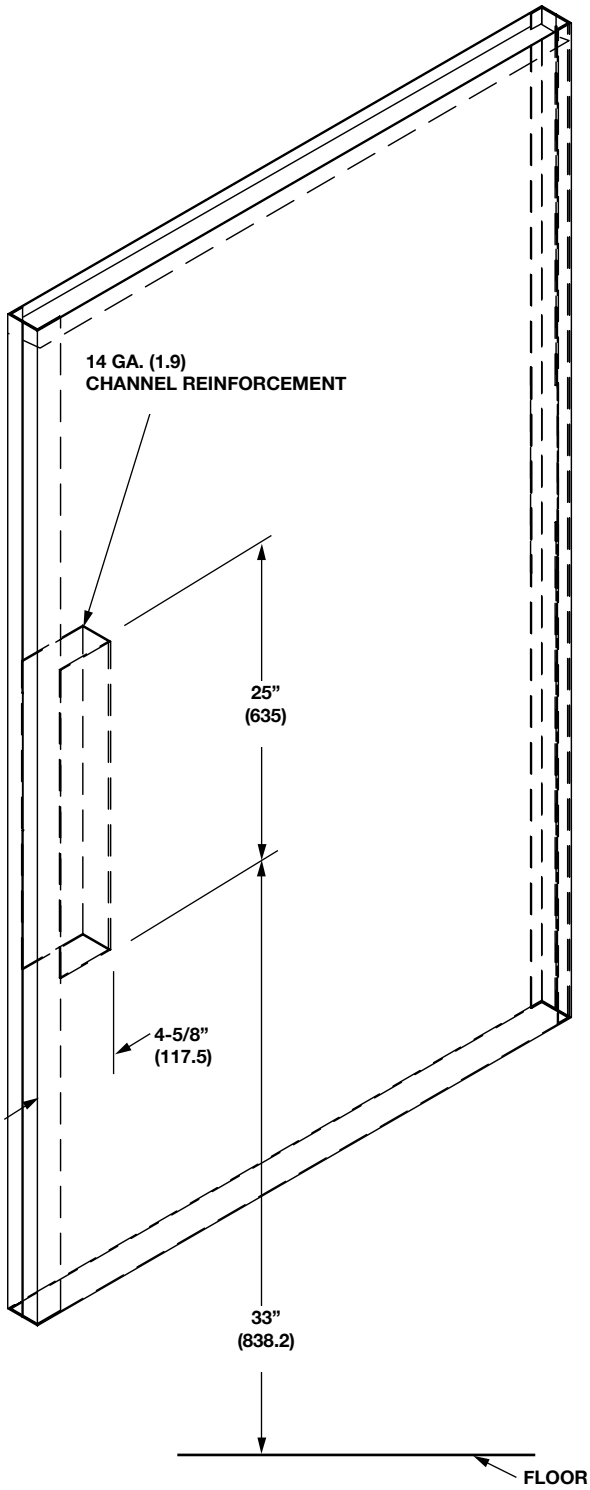
2" DOOR



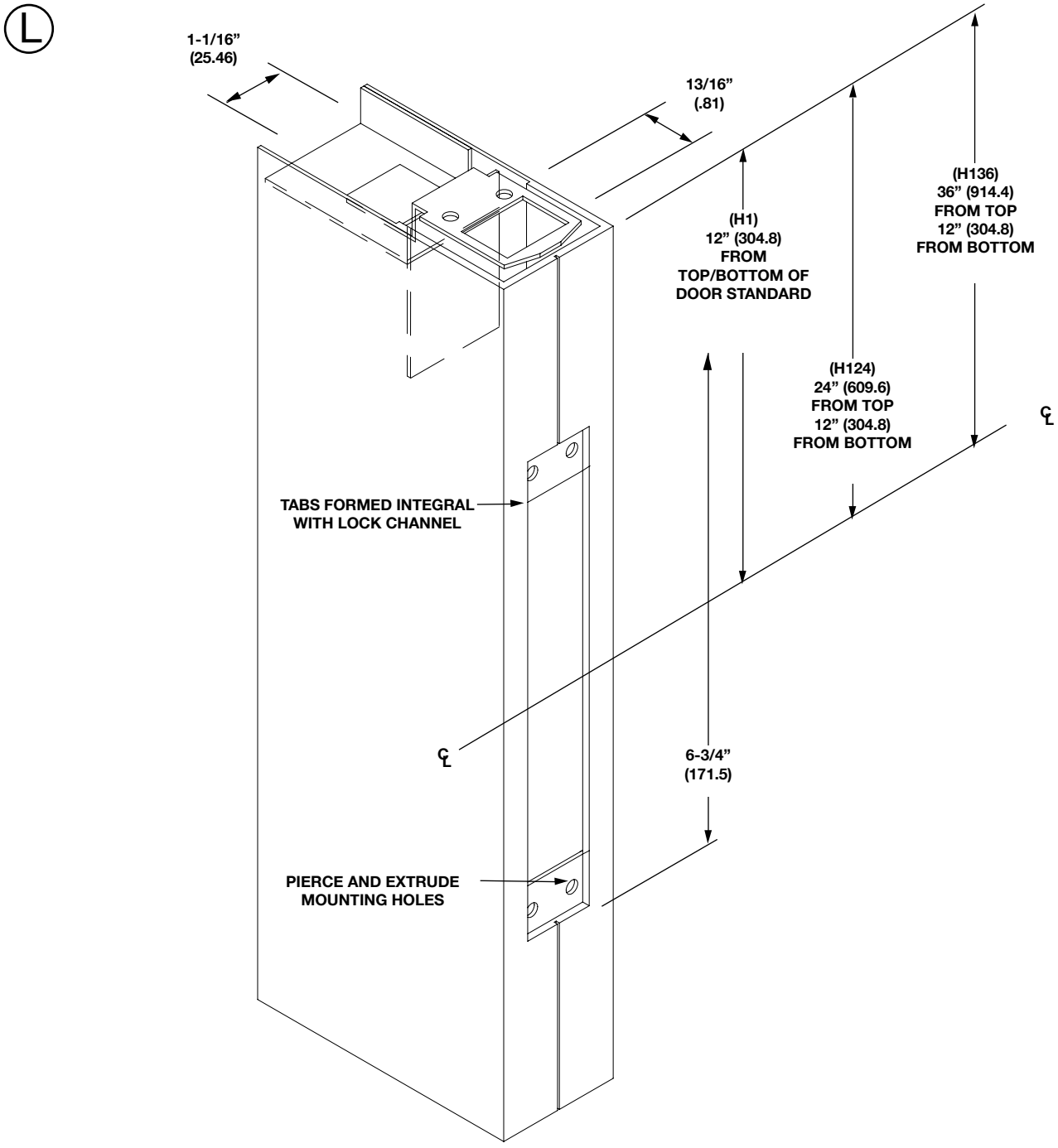
LOCK PREPARATION IS FOR COVER PLATE TO BE SURFACE APPLIED.
COVER PLATE IS FURNISHED BY OTHERS.

STANDARD CURRIES BACKSET LOCATION IS FOR POCKET
LOCK MOUNTED ON MOUNTING PLATE WITHOUT SHIMS.

G18 PUSH PULL REINFORCEMENT

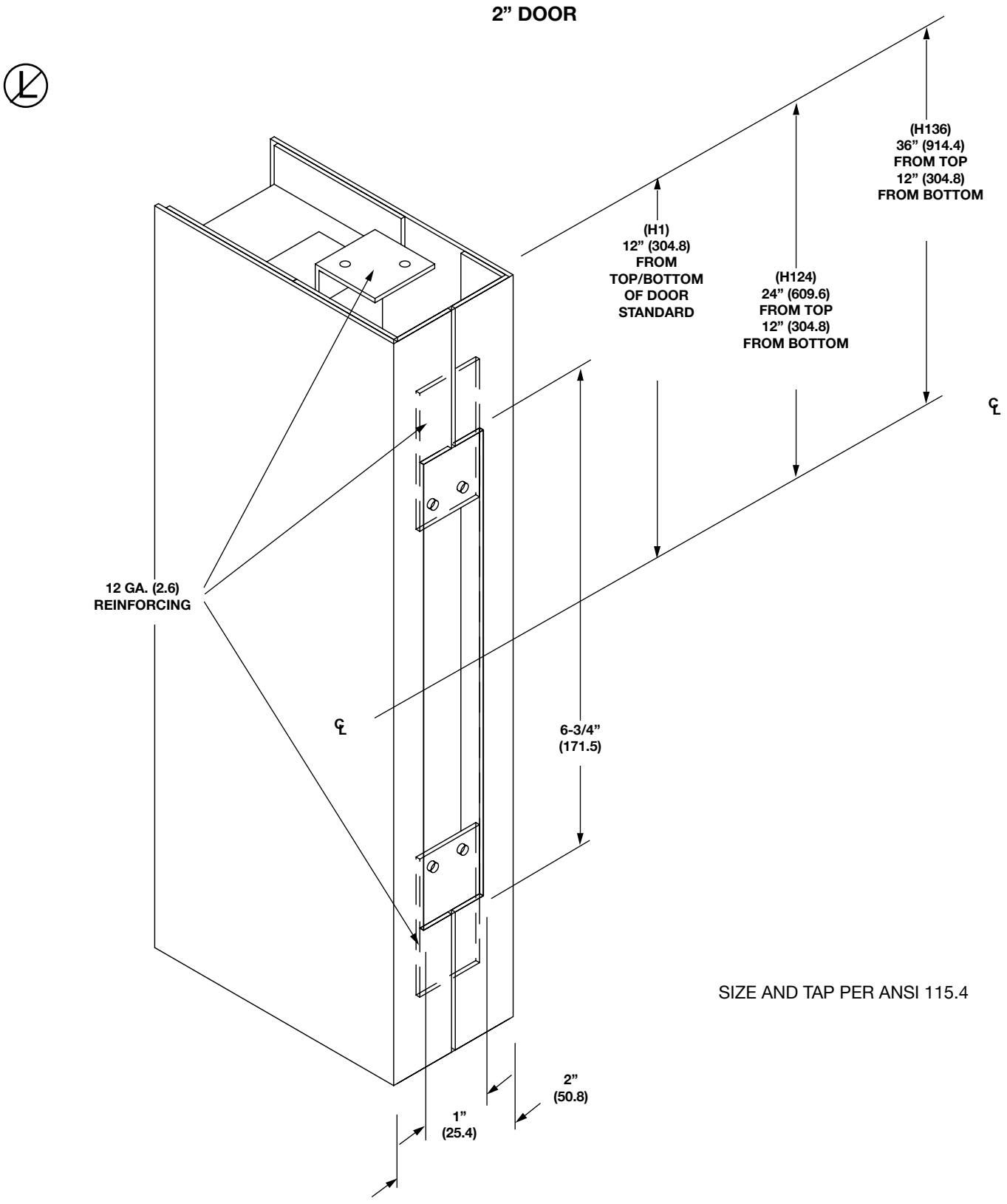


857 H1 ANSI MORTISE FLUSH BOLT PREPARATION



NOTES
1. MORTISE AND TAP PER ANSI/BHMA A156.115
2. REINFORCED IN ACCORDANCE WITH ANSI A250.6

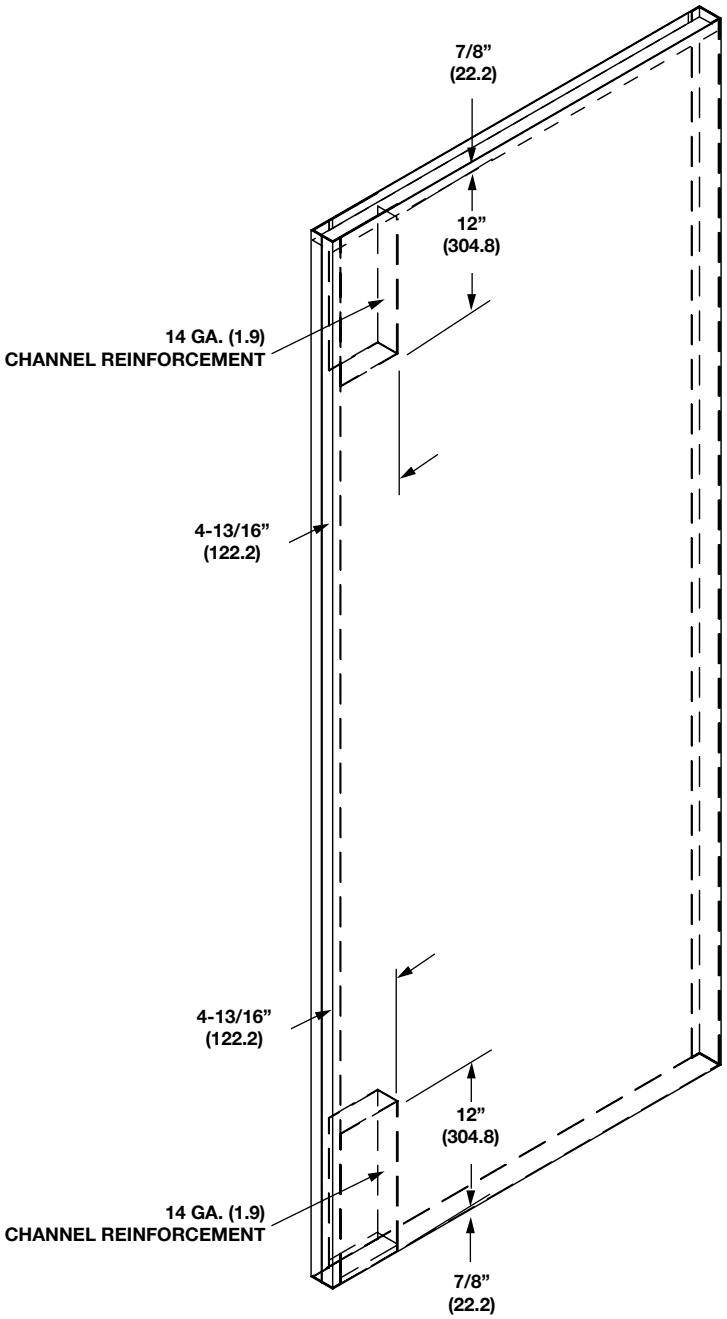
857 H1 ANSI MORTISE FLUSH BOLT PREPARATION



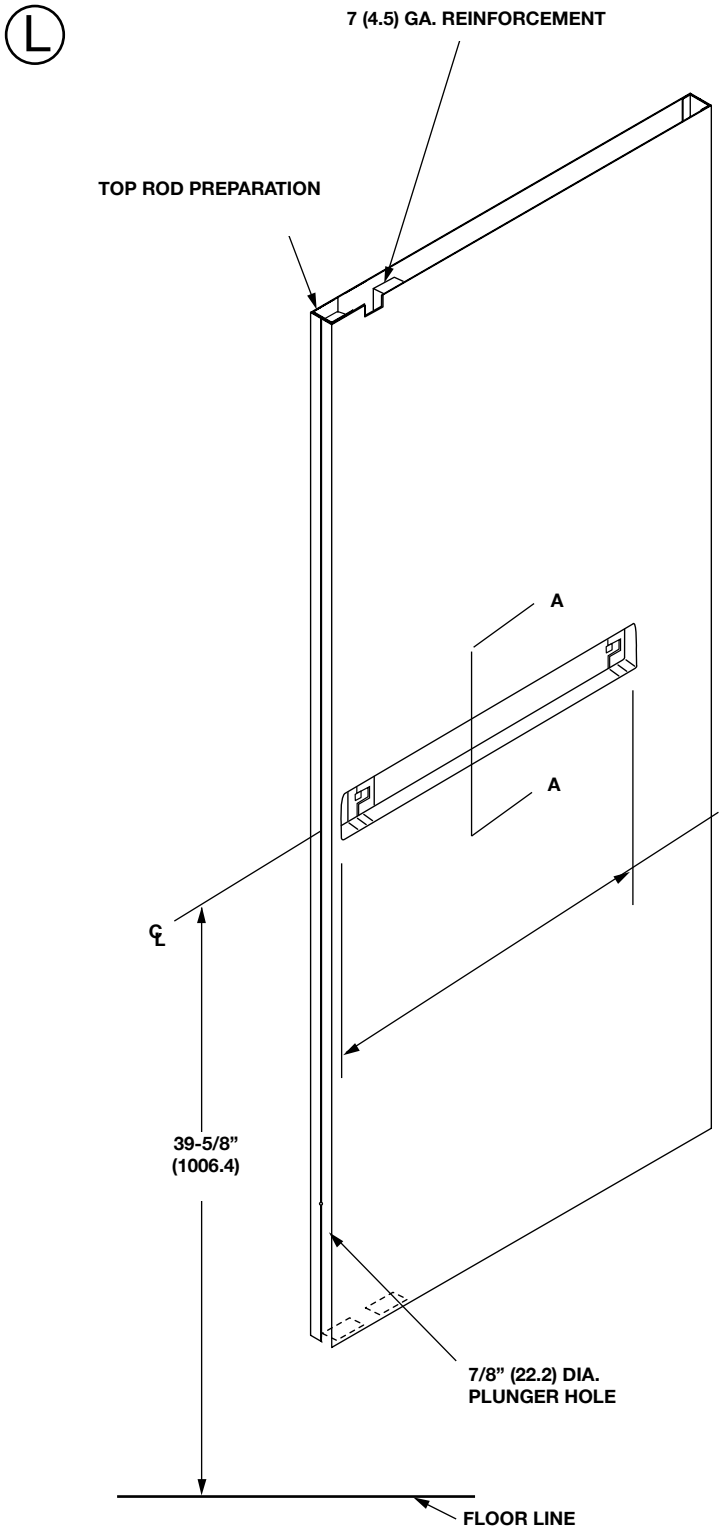
SIZE AND TAP PER ANSI 115.4

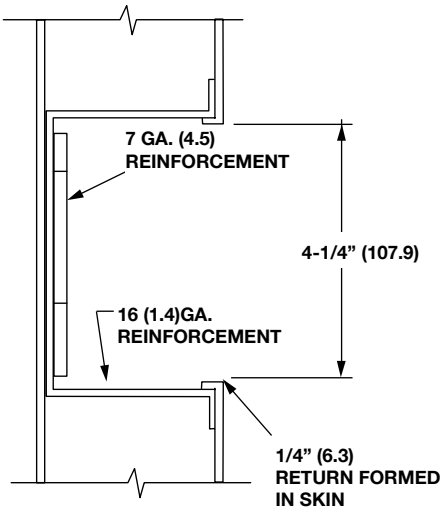
(SB) SURFACE BOLT REINFORCEMENT

Ⓛ



G13C “VON DUPRIN” RECESSED VERTICAL ROD EXIT DEVICE (LBR)





SECTION A–A

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THE DEVICE IS FIRE RATED FOR USE ON PAIRS UP TO 8’0” X 10’0”, 3 HOURS DOUBLE EGRESS DOORS AND 90 MINUTE DOORS SWINGING IN THE SAME DIRECTION.

** STANDARD HINGE AND LOCK CLEARANCES*

1-3/4” (44.4) DOOR ONLY
NOT AVAILABLE ON:
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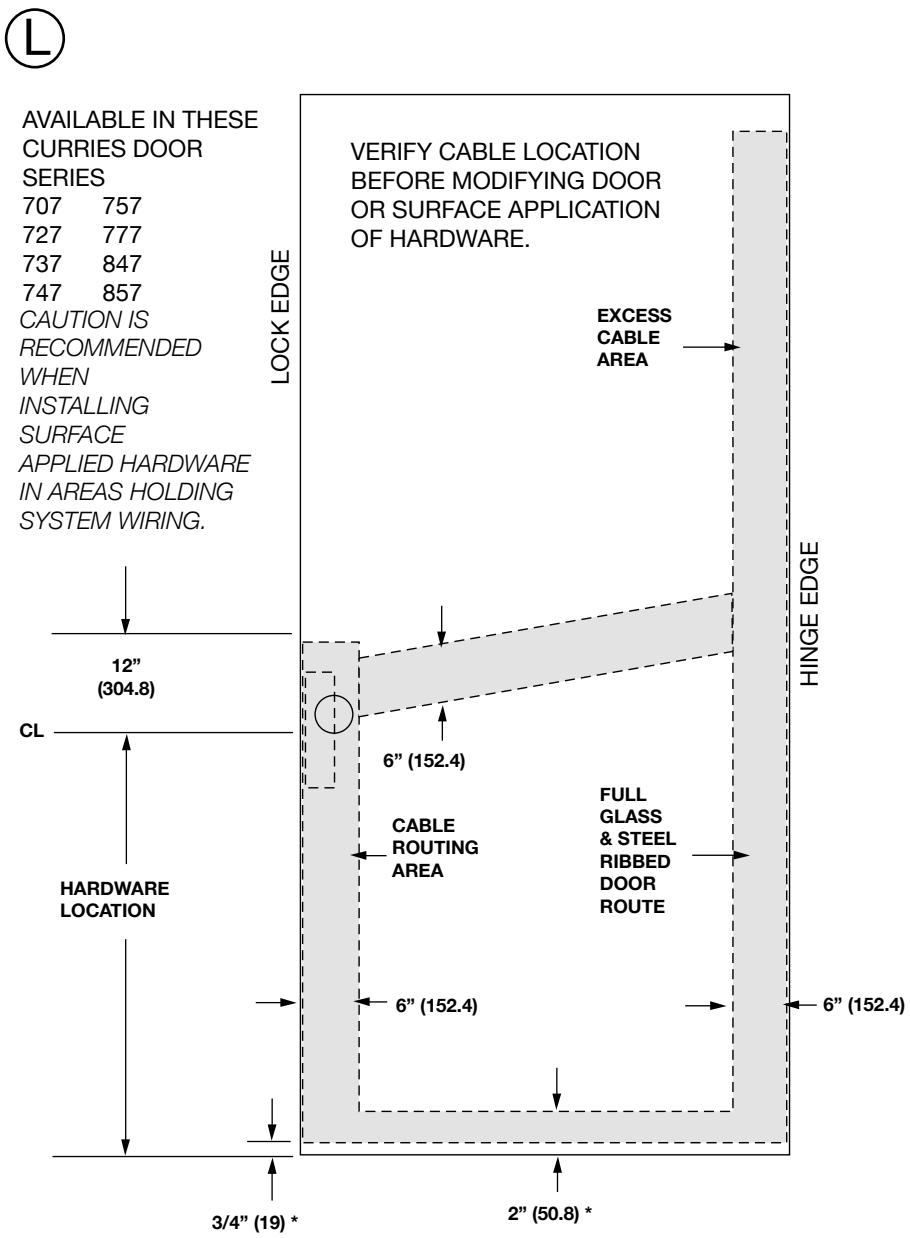
- 607 SERIES DOORS
- 737 SERIES DOORS
- 2” (50.8) THICK DOORS

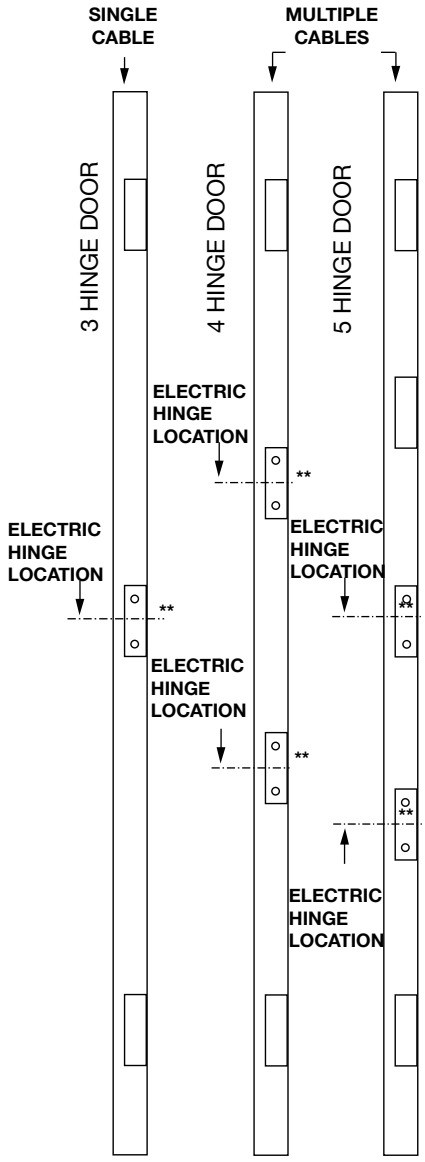
ELECTRICAL PREPARATION

ELECTROLYNX™ SYSTEM

THE CURRIES ELECTROLYNX CABLE IS EQUIPPED WITH THE ELECTROLYNX SYSTEM OF PLUG IN CONNECTORS FOR FAST, EASY, CONNECTION TO SIMILARLY EQUIPPED ASSA ABLOY HARDWARE. THE ELECTROLYNX CABLE HAS 12 CONDUCTORS OF 22 GA. WIRE IN A JACKET, WITH ELECTROLYNX CONNECTORS ON THE HARDWARE PREP END ONLY.
POWER OVER ETHERNET (POE) CABLES ARE ALSO AVAILABLE.

NEITHER CABLE WILL FIT OUR RACEWAY. RACEWAY IS INTENDED FOR PULLING NONJACKETED INDIVIDUAL CONDUCTORS.





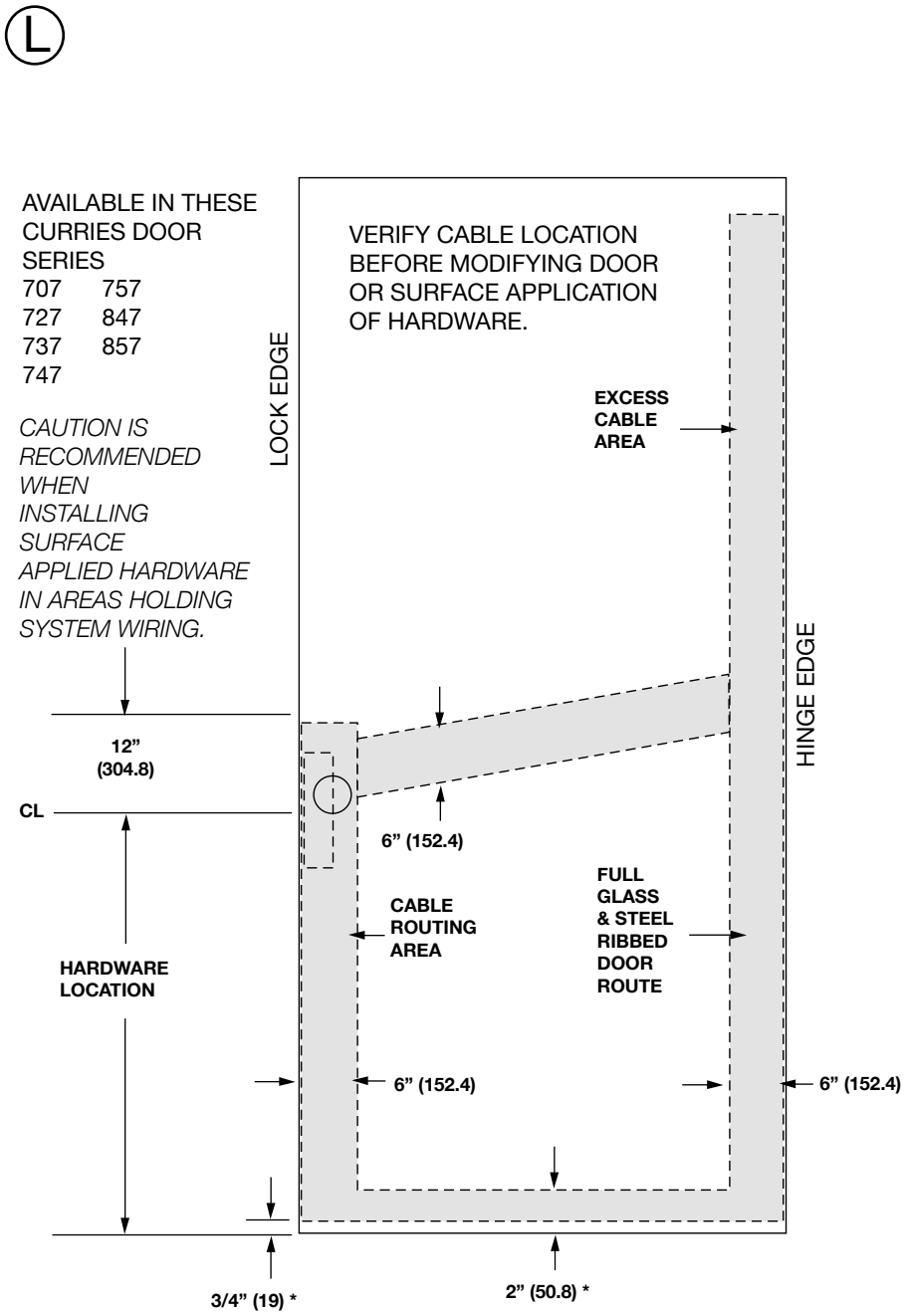
** BASED ON 3/4" (19) END CHANNEL DEPTH. VARIES FOR HARDWARE MOUNTED IN BOTTOM OF DOOR (EG-DOOR BOTTOMS).*

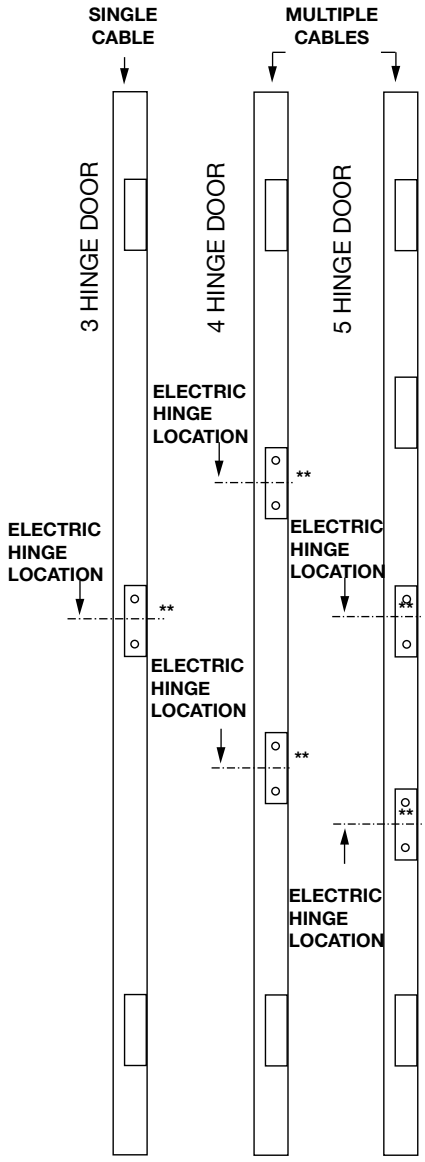
*** MINIMUM OF THREE HINGES WHEN ELECTROLYNX CABLE IS ORDERED. STANDARD LOCATION SHOWN. SOME HARDWARE AND TRIM COMBINATIONS WILL REQUIRE MULTIPLE ELECTROLYNX CABLES. ADDITIONAL ELECTRIC HINGE PREPARATIONS FOR MULTIPLE ELECTOLYNX CABLES ARE REQUIRED.*

ACC HARNESS

THE ACC HARNESS IS EQUIPPED WITH TWELVE 20 GAUGE CONDUCTORS AND PLUG-AND-PLAY CONNECTORS.

CABLE WILL NOT FIT OUR RACEWAY. RACEWAY IS INTENDED FOR PULLING UP TO EIGHT 24 GAUGE NON-JACKETED INDIVIDUAL CONDUCTORS.





BASED ON 3/4" END CHANNEL DEPTH. VARIES FOR HARDWARE MOUNTED IN BOTTOM OF DOOR (E.G., DOOR BOTTOMS)

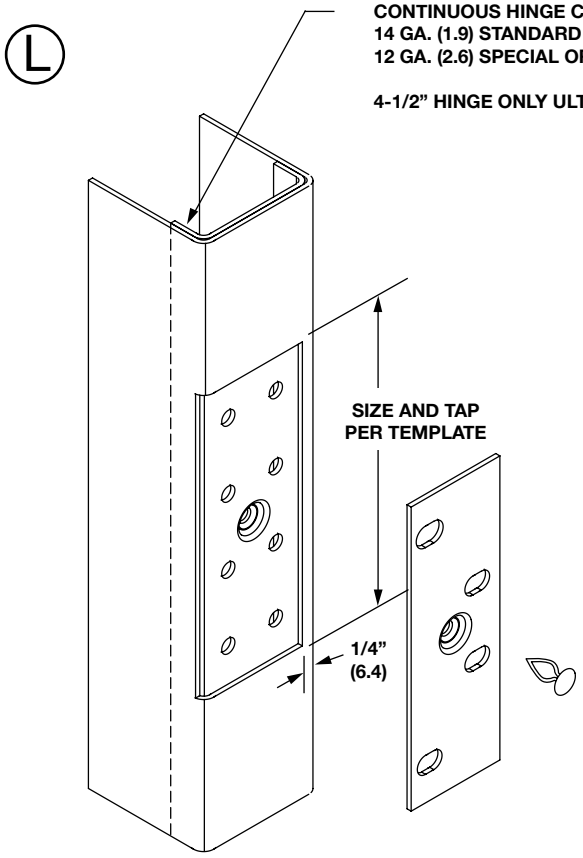
**MINIMUM OF THREE HINGES WHEN ACC CABLE IS ORDERED. STANDARD LOCATION SHOWN. SOME HARDWARE AND TRIM COMBINATIONS WILL REQUIRE MULTIPLE CABLES.

HINGE CHANNEL REINFORCEMENT

HANDED - A BEVEL "ULTIMA"

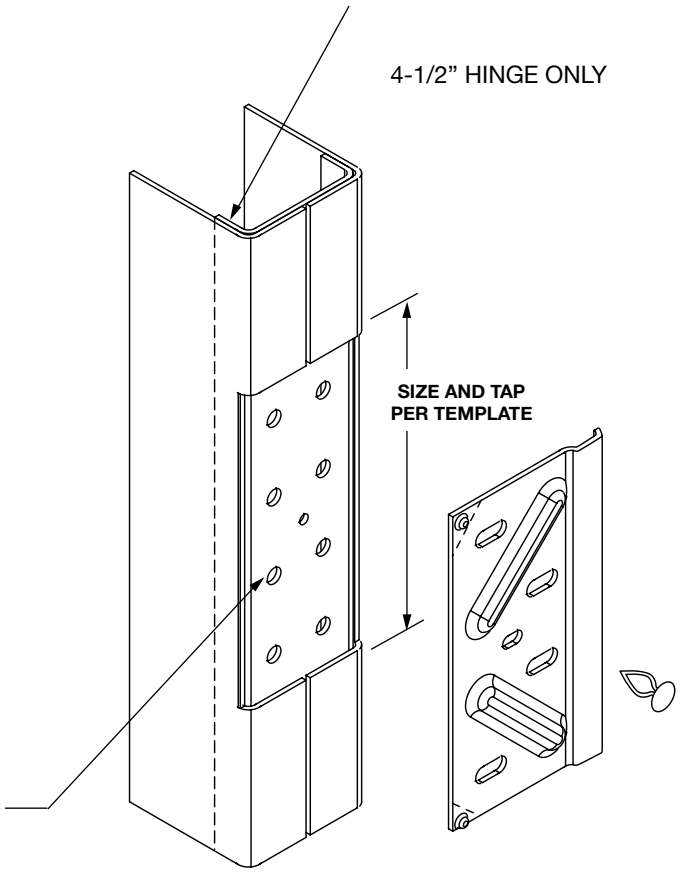
CONTINUOUS HINGE CHANNEL
14 GA. (1.9) STANDARD
12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

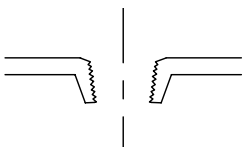
4-1/2" HINGE ONLY ULTIMA SHIM STANDARD FOR 4-1/2" HINGE STANDARD AND HEAVYWEIGHT



NON HANDED - B BEVEL - "ULTIMA"

CONTINUOUS HINGE CHANNEL
14 GA. (1.9) STANDARD
12 GA. (2.6) SPECIAL ORDER - STANDARD AS NOTED PER DOOR SERIES

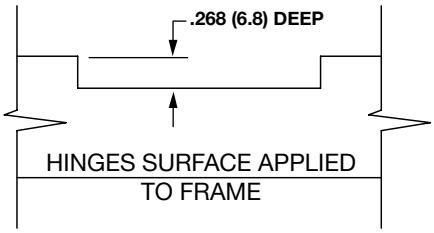




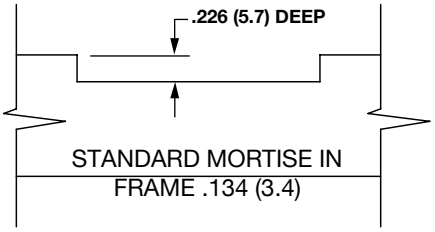
SCREW HOLES ARE EXTRUDED TO PROVIDE THREAD DEPTH EQUAL TO 10 GA. (3.4) PLATE (14 GA. (1.9))
3/16" (4.8) PLATE (12 GA. (2.6))

HINGE PREPARATIONS OTHER THAN 4-1/2" ARE SIZE AND TAP PER TEMPLATE.

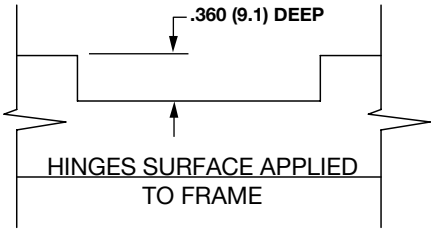
OVER MORTISE AND DOUBLE MORTISE HINGES ON DOORS



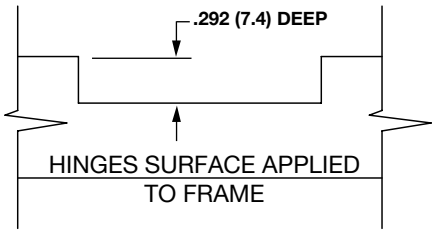
4-1/2" (114.3) STANDARD WEIGHT (.134) (3.4)
DOUBLE MORTISE
HINGES
S.D.M.



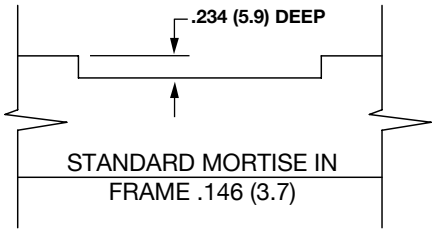
4-1/2" (114.3) HEAVY WEIGHT (.180) (4.6)
OVER MORTISE
HINGES
H.O.M.



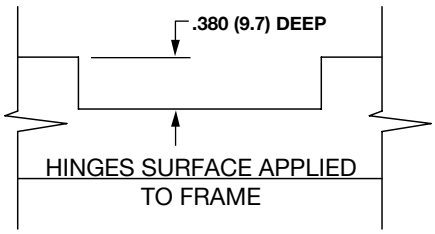
4-1/2" (114.3) HEAVY WEIGHT (.180) (4.6)
DOUBLE MORTISE
HINGES
H.D.M.



5" (127) STANDARD WEIGHT (.146) (3.7)
DOUBLE MORTISE
HINGES
S.D.M.



5" (127) HEAVY WEIGHT (.190) (4.8)
OVER MORTISE
HINGES
H.O.M.



5" (127) HEAVY WEIGHT (.190) (4.8)
DOUBLE MORTISE
HINGES
H.D.M.

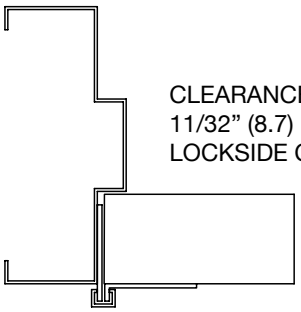
NOTE: ULTIMA 4-1/2" (114.3) HINGE GIVES THE OPTION OF STANDARD OR HEAVY WEIGHT.

SURFACE MOUNTED HINGE REINFORCEMENT

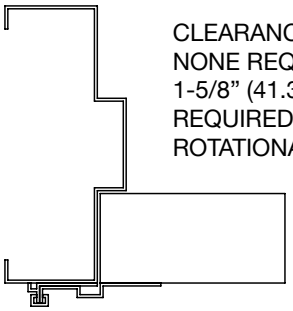
Ⓛ

NOTE: DOOR SIZE REQUIREMENTS DETERMINED BY HINGE MANUFACTURERS TEMPLATES AND MOUNTING INSTALLATION.

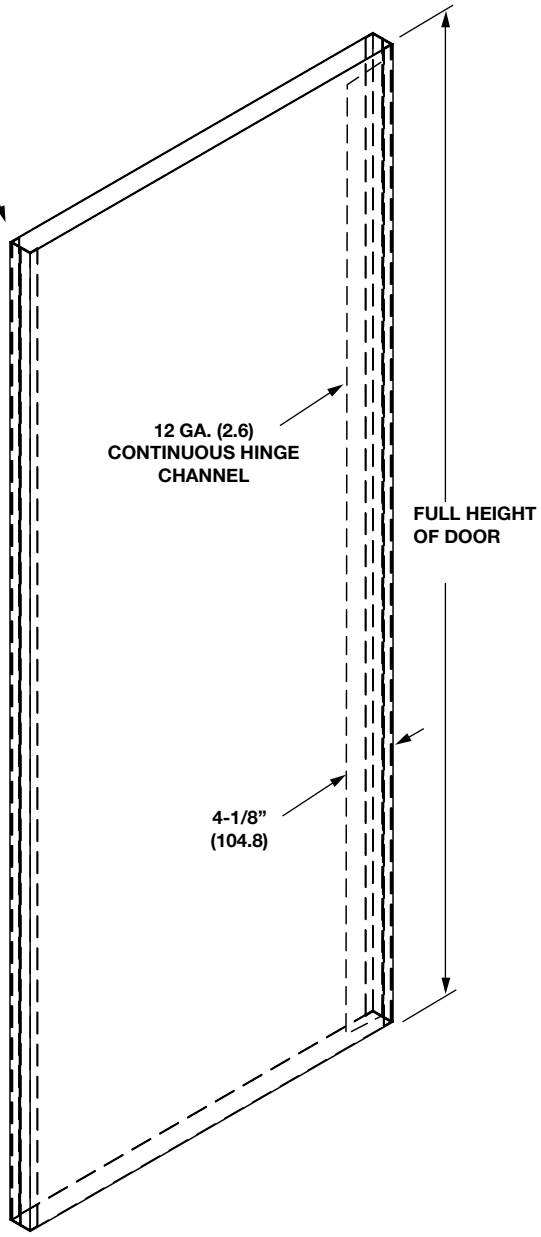
CONTINUOUS GEAR HINGE APPLICATIONS
(CLEARANCE VARIES PER MANUFACTURER)



CLEARANCE:
11/32" (8.7) PLUS STANDARD
LOCKSIDE CLEARANCE

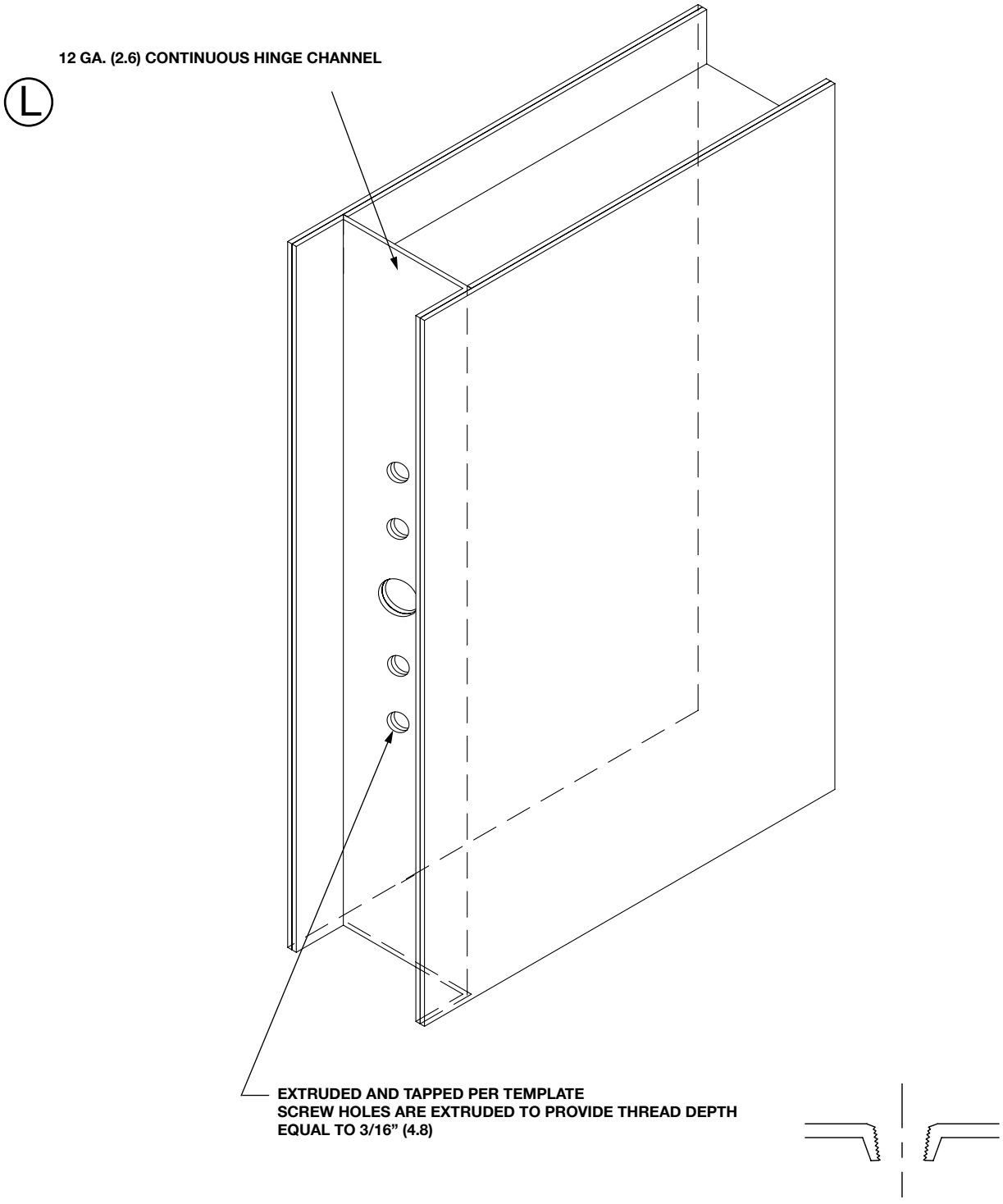


CLEARANCE:
NONE REQUIRED
1-5/8" (41.3) MINIMUM FRAME FACE
REQUIRED PLUS 3/16" (4.8)
ROTATIONAL CLEARANCE

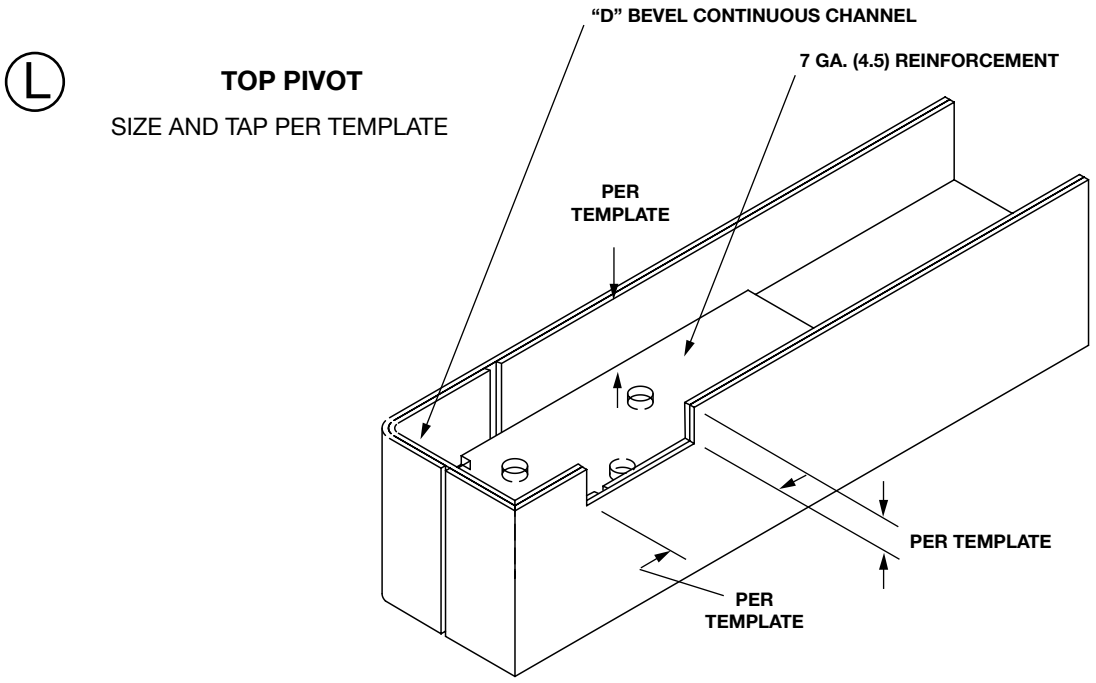


USE FOR SURFACE APPLIED BUTT AND CONTINUOUS HINGES WITHOUT THE NEED FOR THRU-BOLTS.

DOOR POCKET PIVOT

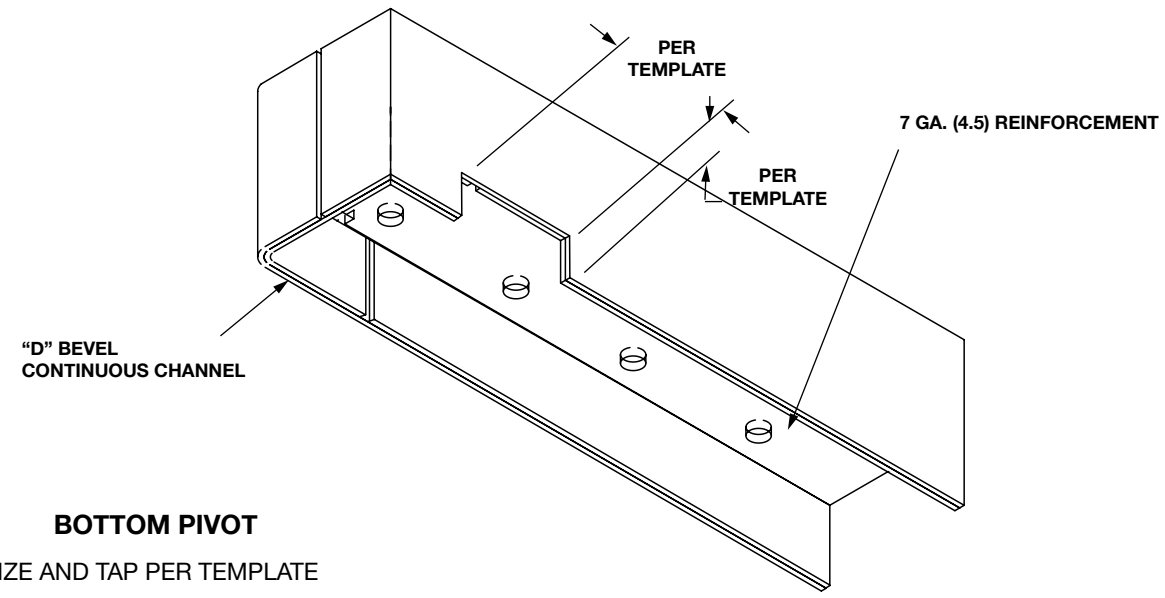


DOOR TOP AND BOTTOM PIVOT PREPARATION "D" BEVEL



Ⓛ **TOP PIVOT**

SIZE AND TAP PER TEMPLATE



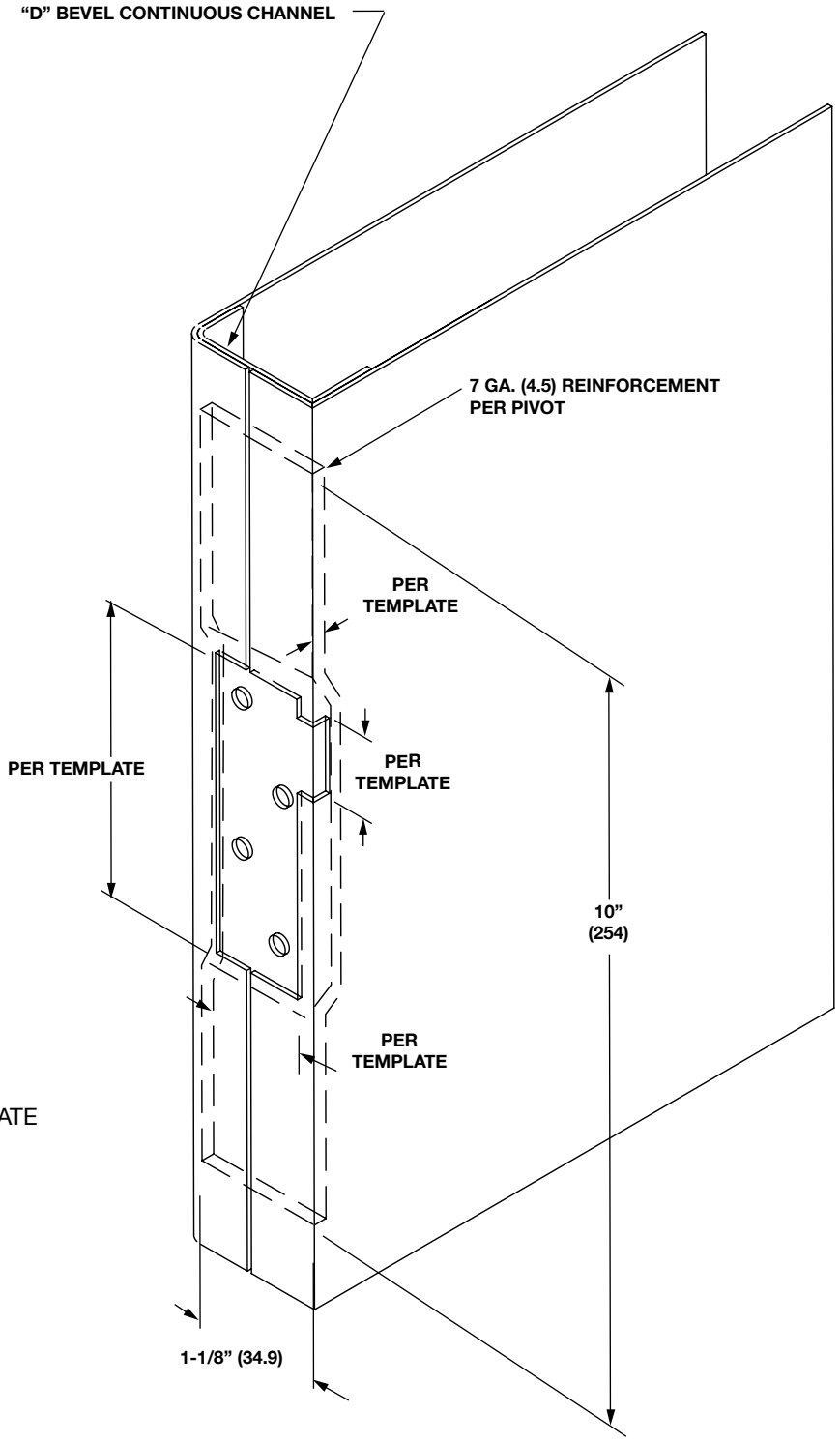
BOTTOM PIVOT

SIZE AND TAP PER TEMPLATE

DOOR INTERMEDIATE PIVOT PREPARATION "D" BEVEL

Ⓛ

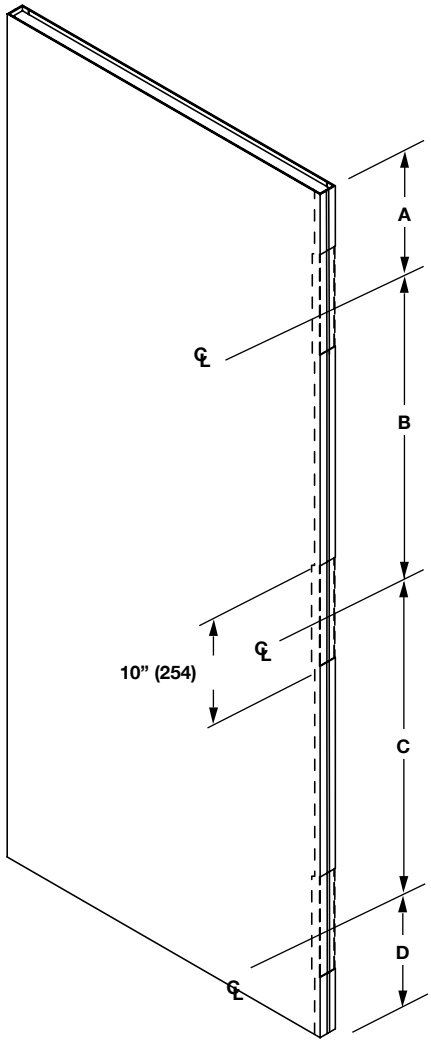
NOTE: CURRIES PIVOT LOCATIONS ARE EQUALLY SPACED.



SIZE AND TAP PER TEMPLATE

10” BLANK HINGE PREPARATION

- CAN BE USED FOR ANY SDI MEMBER HINGE LOCATION FOR THE FOLLOWING DOOR HEIGHTS: 6’8”, 7’0”, 7’2”, 8’0”, 10’0”.
- “A” AND “B” BEVEL EDGES.
- AVAILABLE ON 707, E6, AND 747 DOORS.
- STANDARD REINFORCEMENTS, LOCKS, OR STRIKES FOR APPLICABLE DOOR SERIE
- .230” DEEP OFFSET; 4-1/2” ULTIMA HINGE SHIM MUST BE ORDERED SEPARATELY FOR STANDARD AND HEAVYWEIGHT HINGES.
- 3 AND 4 HINGE LOCATIONS AVAILABLE.
- 12 OR 14 GA. HINGE CHANNEL AVAILABLE.

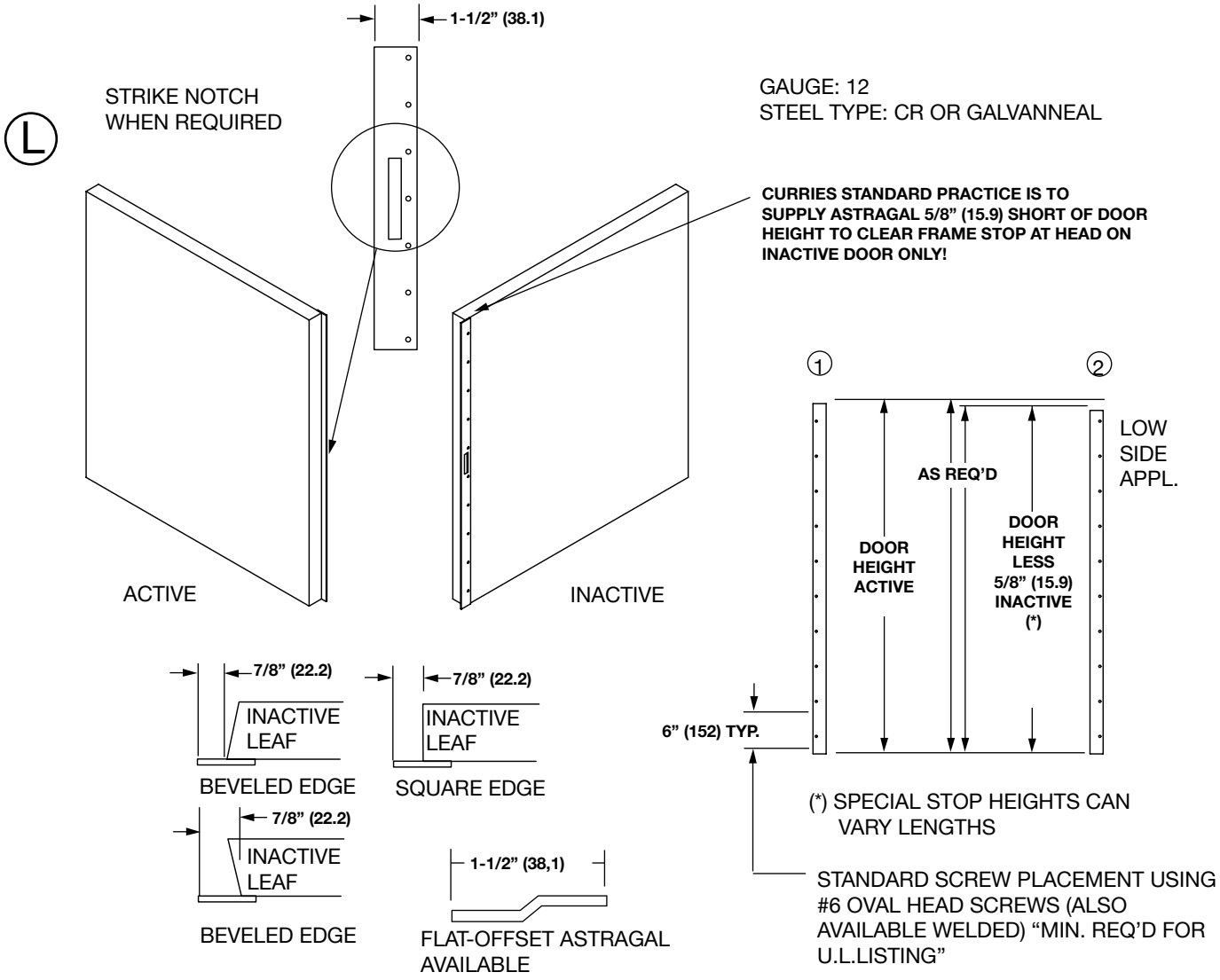


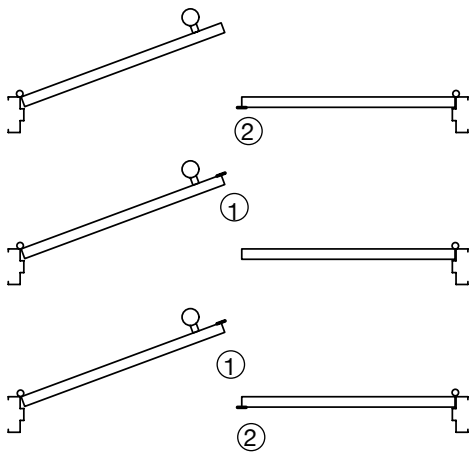
LOCATION OF HINGE PREPARATIONS

DOOR HEIGHT	A	B	C	D	E *
6’8” (2032)	9-3/8” (238)	30-1/8” (765.2)	30-1/8” (765.2)	9-5/8” (244.5)	—
7’0” (2134)	9-3/8” (238)	32-1/8” (816)	32-1/8” (816)	9-5/8” (244.5)	—
7’2” (2184)	9-3/8” (238)	33-1/8” (841.4)	33-1/8” (841.4)	9-5/8” (244.5)	—
8’0” (2438)	9-3/8” (238)	25-1/4” (641.4)	25-1/4” (641.4)	25-1/4” (641.4)	10-1/8” (257.2)
10’0” (3048)	9-3/8” (238)	33-1/4” (845)	33-1/4” (845)	33-1/4” (845)	10-1/8” (257.2)

** LOCATION OF 4TH HINGE FOR 8’0” AND 10’0” DOOR*

FLAT SURFACE ASTRAGAL LOCATIONS





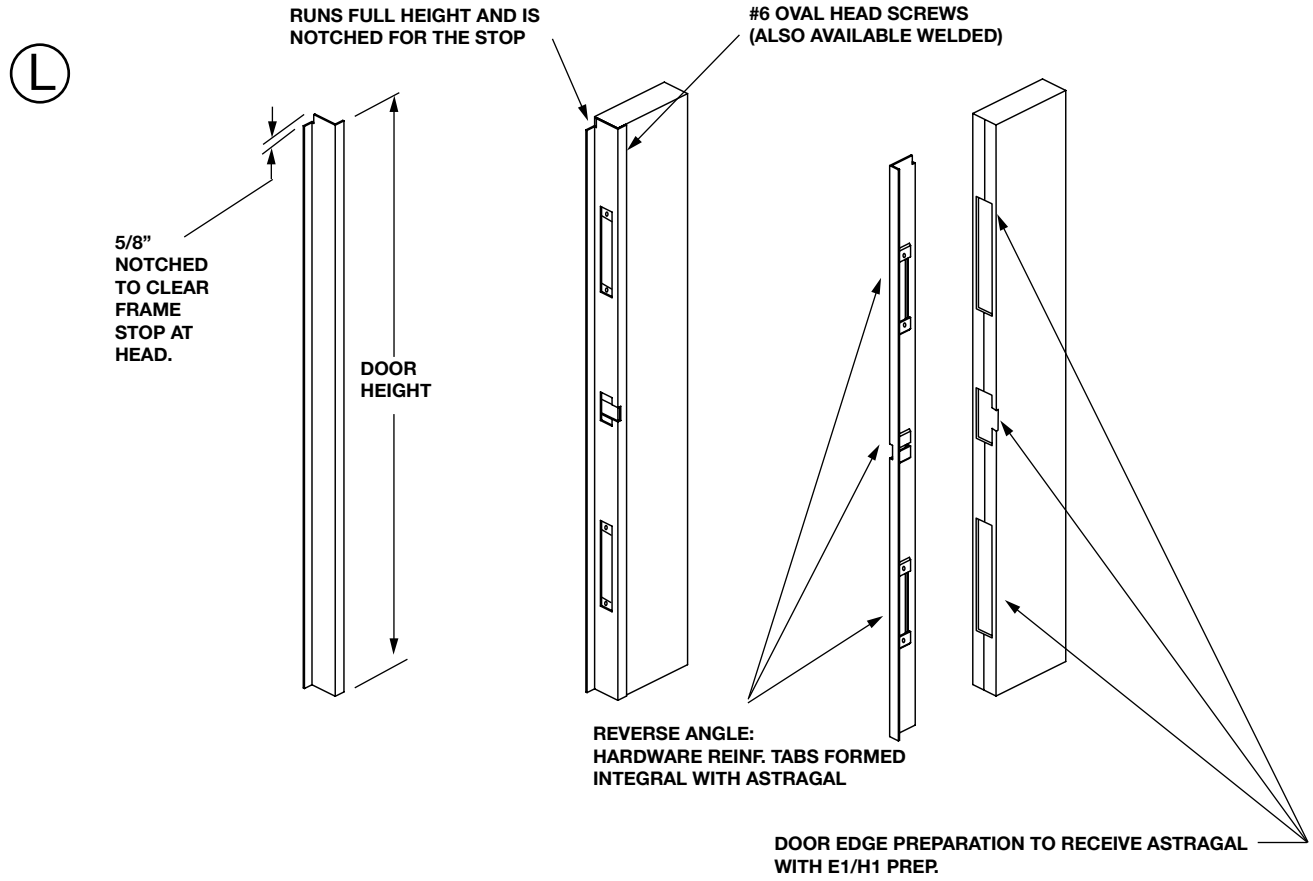
SINGLE ASTRAGAL ON LOW SIDE OF INACTIVE LEAF STANDARD.

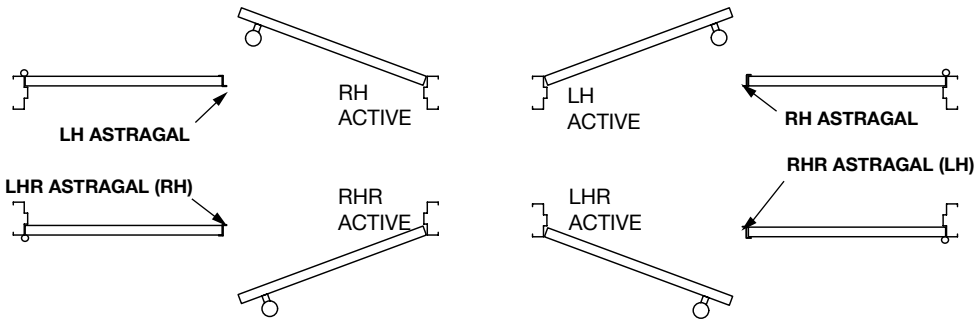
SINGLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF. E1 STRIKE ON ACTIVE LEAF REQUIRES NOTCH ON ASTRAGAL.

DOUBLE ASTRAGAL ON HIGH SIDE OF ACTIVE LEAF AND LOW SIDE OF INACTIVE LEAF.

"Z" ASTRAGAL LOCATIONS AND HANDING

GAUGE: 14
STEEL TYPE: GALVANEAL

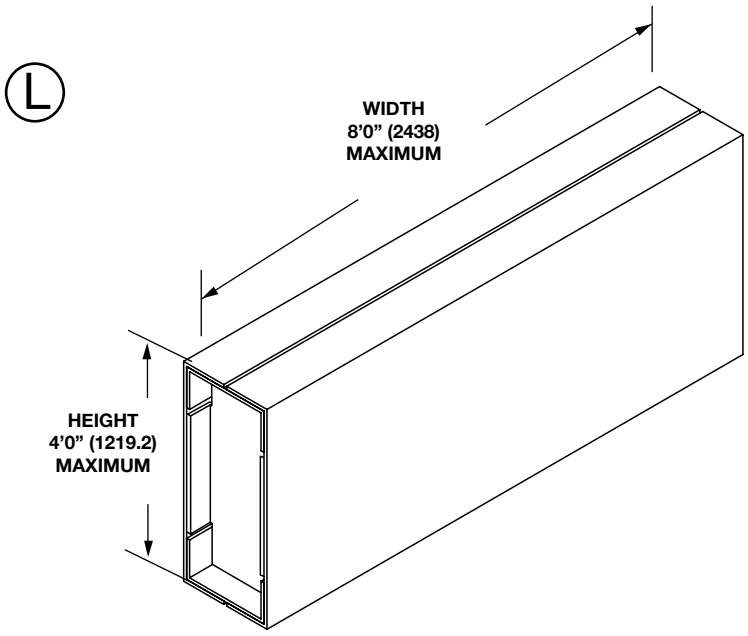




BEVELED ASTRAGAL

SQUARE ASTRAGAL

HOLLOW METAL PANELS - TRANSOM/SIDE AREAS 1-3/4”



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4”(44.5) PANEL 707 OR 747 - 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL.

SEE PAGE 37 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)

HORIZONTAL CHANNELS

“B” BEVEL BOTH EDGES SQUARE

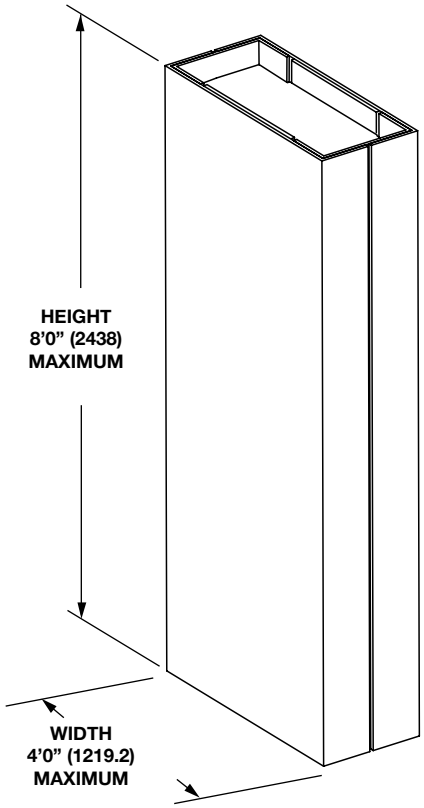
SIDE PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4”(44.5) PANEL 707 OR 747 - 18, 16, OR 14 GA.

VERTICAL CHANNELS

“B” BEVEL BOTH EDGES SQUARE

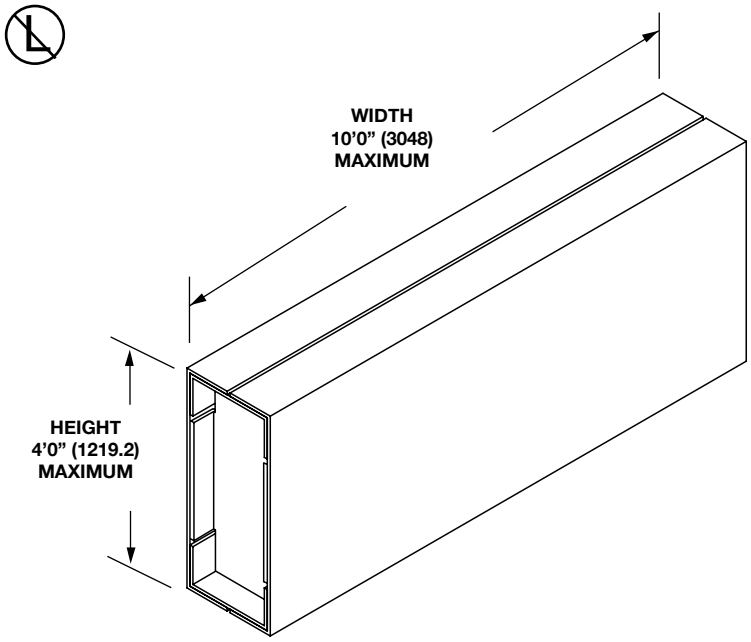


NOTE: SEE PAGE 366 AND PAGE 367 IN LABEL SECTION FOR OVERSIZE TRANSOM PANEL CAPABILITIES. REFERENCE LABEL SECTION OF TECH DATA MANUAL FOR MAXIMUM SQUARE INCH SIZE REQUIREMENTS AND OTHER FIRE LABEL CAPABILITIES.

HOLLOW METAL PANELS - TRANSOM/SIDE AREAS 1-3/4" THICK

STANDARD TOP/BOTTOM END CHANNELS

NON-LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1-3/4"(44.5) PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.

TRANSOM PANEL INSTALLATION OPTIONS:

1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP
4. PANEL INSTALLED WITH SLIP-IN CHANNEL.

SEE PAGE 37 IN THE FRAME SECTION (MUST NOTE ON BOTH DOOR AND FRAME ORDER)

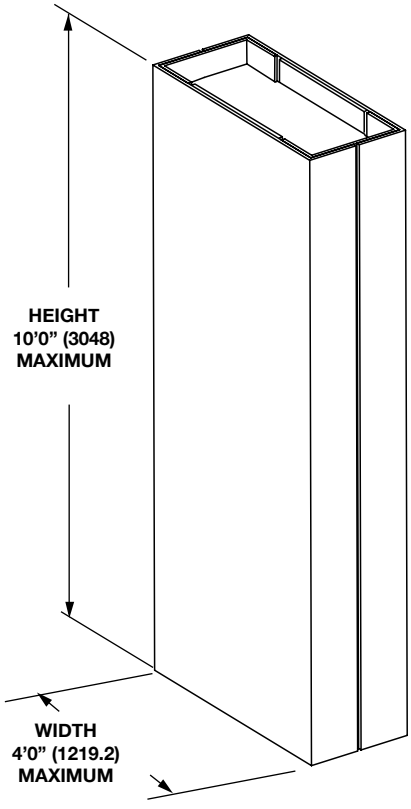
HORIZONTAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

SIDE PANELS AND DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

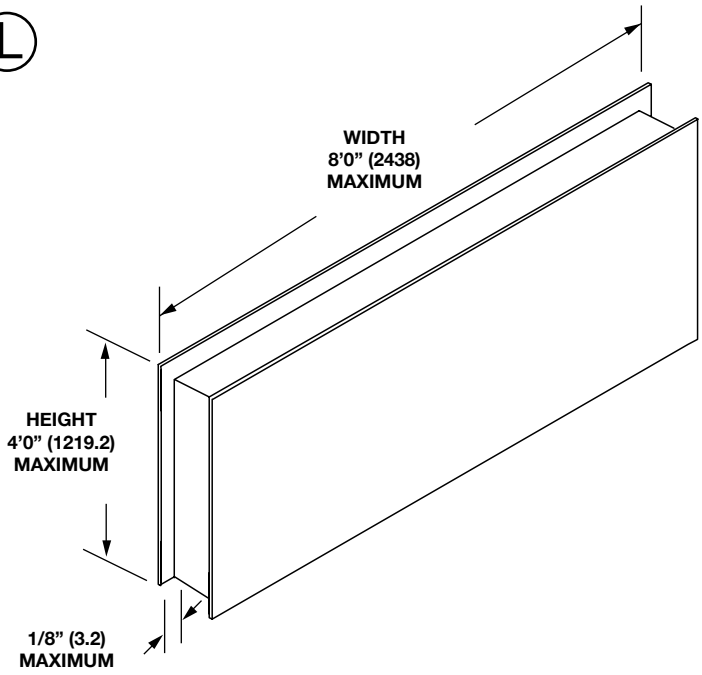
1-3/4"(44.5) PANEL 707 OR 747 - 20, 18, 16, OR 14 GA.



VERTICAL CHANNELS

"B" BEVEL BOTH EDGES SQUARE

MINERAL FIBREBOARD CORE PANEL- TRANSOM/SIDE AREAS 1/2” THICK



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1/2” (12.7) PANEL MINERAL FIBREBOARD CORE
20, 18, OR 16 GA. FACE SKINS

PANEL INSTALLATION OPTIONS:

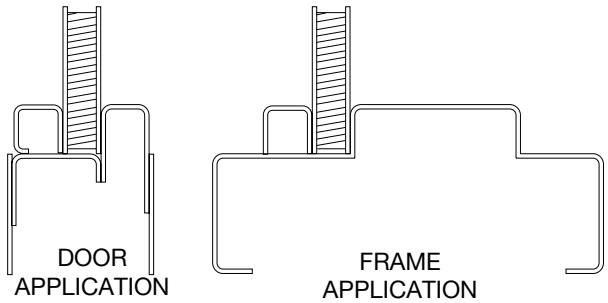
1. PANEL INSTALLED WITH GLASS STOP
2. PANEL INSTALLED INTO DOOR WINDOW KIT

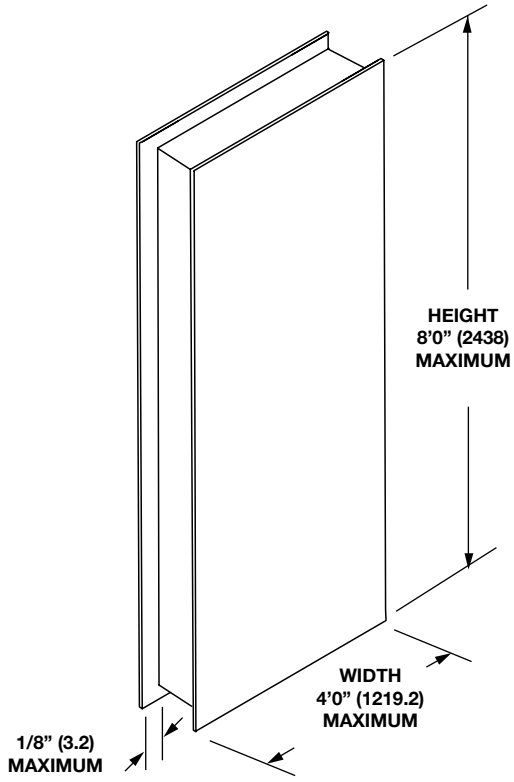
SIDE PANELS AND/OR DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1/2” (12.7) PANEL MINERAL FIBREBOARD CORE
20, 18, OR 16 GA. FACE SKINS

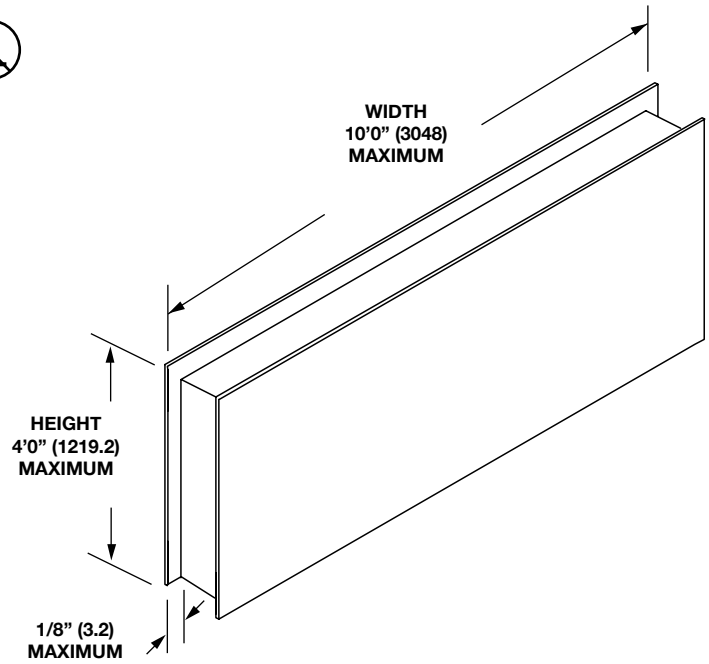
NOTE: REFERENCE LABEL SECTION OF TECH DATA MANUAL FOR MAXIMUM SQUARE INCH SIZE CAPABILITIES FOR DOORS AND FRAMES.





COMPOSITE CORE PANELS - TRANSOM/SIDE AREAS 3/8” TO 1” THICK

NON-LABELED



TRANSOM PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

1”(25.4) PANEL COMPOSITE CORE
7/8” (22.2) PANEL COMPOSITE CORE
3/4” (19.1) PANEL COMPOSITE CORE
5/8” (15.9) PANEL COMPOSITE CORE
1/2” (12.7) PANEL COMPOSITE CORE

3/8” (9.5) PANEL COMPOSITE CORE

20, 18, 16, AND 14 GA. FACE SKINS

TRANSOM PANEL INSTALLATION OPTIONS:

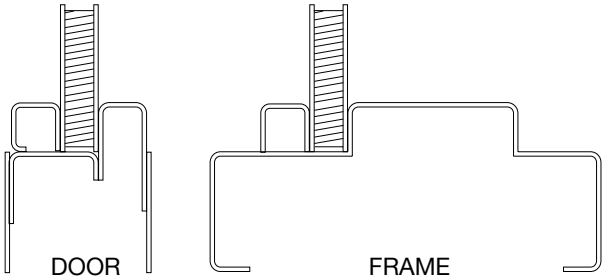
1. PANEL WELDED INTO FRAME
2. PANEL INSTALLED WITH SCREWS
3. PANEL INSTALLED WITH GLASS STOP

SIDE PANELS AND/OR DOOR PANELS

SPECIFY USE OF PANEL AND LIST NOMINAL FRAME OPENING FOR CORRECT PANEL UNDERSIZING.

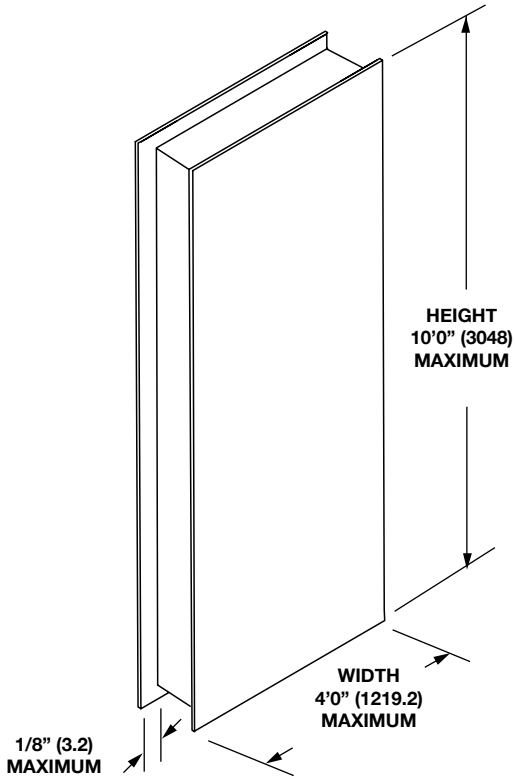
1”(25.4) PANEL COMPOSITE CORE
7/8” (22.2) PANEL COMPOSITE CORE
3/4” (19.1) PANEL COMPOSITE CORE
5/8” (15.9) PANEL COMPOSITE CORE
1/2” (12.7) PANEL COMPOSITE CORE
3/8” (9.5) PANEL COMPOSITE CORE

20, 18, 16, AND 14 GA. FACE SKINS



DOOR APPLICATION

FRAME APPLICATION



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Windstorm

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TECH MANUAL

WINDSTORM

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CURRIES WIND RESISTANT PRODUCT

INTRODUCTION

CURRIES WIND RESISTANT PRODUCTS THAT HAVE BEEN SUCCESSFULLY TESTED TO SEVERAL TEST METHODS.

THESE METHODS INCLUDE:

- HIGH VELOCITY HURRICANE ZONE (HVHZ) TEST PROTOCOLS TAS-201 – CYCLIC WIND PRESSURE LOADING AND IMPACT TEST PROCEDURE TAS-202 - CRITERIA FOR TESTING IMPACT AND NON-IMPACT RESISTANT BUILDING ENVELOPE COMPONENTS USING UNIFORM STATIC AIR PRESSURE. TAS-203 – CRITERIA FOR TESTING PRODUCT SUBJECT TO CYCLIC WIND PRESSURE LOADING
- ASTM E330 – TEST METHOD E330 STANDARD TEST METHOD FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE DIFFERENCE.
- ASTM E1886 – TEST METHOD E1886 STANDARD TEST METHOD FOR PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, DOORS, AND STORM SHUTTERS IMPACTED BY MISSILE(S) AND EXPOSED TO CYCLIC PRESSURE DIFFERENTIALS.
- ASTM E1996 - TEST METHOD E1996 PERFORMANCE OF EXTERIOR WINDOWS, CURTAINS WALLS, DOORS AND STORM SHUTTERS IMPACTED BY WIND BORNE DEBRIS IN HURRICANES.
- ICC 500-(2014) ICC/NSSA STANDARD FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTER.
- UNLESS OTHERWISE SPECIFIED, PRODUCT HAS BEEN TESTED AS LARGE MISSILE IMPACE IS 9 LB 2 X 4 AT 50 FEET/SECOND OR 350 FT-LBS. (MISSILE LEVEL D).

PRODUCTS APPROVED FOR THE HIGH VELOCITY HURRICANE ZONE (MIAMI DADE AND BROWARD COUNTIES)

PRODUCTS THAT HAVE BEEN SUCCESSFULLY TESTED TO THE TAS PROTOCOLS MAY BE DESIGNATED WITH AN FBC APPROVAL NUMBER. THE NUMBER CAN BE FOUND LATER IN THIS SECTION. THE DESIGN PRESSURE REPRESENTS THE PRESSURE USED AS THE BASIS FOR TESTING THE ASSEMBLIES TO THE TAS PROTOCOLS.

FLORIDA BUILDING CODE REQUIREMENTS

THE FLORIDA BUILDING CODE SPECIFIES THAT PRODUCTS MUST BE TESTED TO EITHER THE STATE OF FLORIDA TAS OR ASTM TEST METHODS. PRODUCTS INSTALLED IN THE DADE OR BROWARD COUNTIES, (ALSO DESIGNATED AS THE HIGH VELOCITY HURRICANE ZONE (HVHZ) MUST BE SUCCESSFULLY TESTED TO THE TAS TEST PROTOCOLS. THE FLORIDA BUILDING CODE ALSO PROVIDES SEVERAL METHODS FOR ACCEPTANCE OF PRODUCTS:

- CERTIFICATION TESTING TO THE ASTM OR TAS TEST METHODS.
- THIRD PARTY CERTIFICATION - (UL, WARNOCK HERSEY)
- DADE COUNTY PRODUCT APPROVAL
- ENGINEERING EVALUATION

CURRIES WIND RESISTANT PRODUCT

HURRICANE ORDER REQUIREMENTS

BASIC ORDER REQUIREMENTS FOR EACH APPROVED ASSEMBLY ARE PROVIDED ON THE FOLLOWING PAGES.

GENERAL ORDER REQUIREMENTS INCLUDE:

- PRODUCT MUST BE CONFIGURED AS DEFINED ON THE ATTACHED PAGES TO FBC REQUIREMENTS (INCLUDING HIGH VELOCITY HURRICANE ZONE).
- SINGLE DOORS CANNOT BE USED AS THE ACTIVE LEAF OF A PAIR, BUT THE ACTIVE LEAF OF A PAIR CAN BE USED AS A SINGLE DOOR.
- UNITS SMALLER THAN THE SIZE TESTED MAY BE USED
- ALL FIRE RESISTANCE REQUIREMENTS MUST BE MET TO APPLY A FIRE LABEL.
- ONLY THE ASSA ABLOY LV-WS (PREVIOUSLY MARKAR WLV60) LOUVER MAY BE USED FOR LOUVERED DOORS.
- GLAZED DOORS - SPECIFIC PRODUCTS MUST BE USED IN GLAZED DOORS. SEE INDIVIDUAL ASSEMBLIES FOR PRODUCTS, REQUIREMENTS, AND LIMITATIONS.
  - A) 1/4” THICK DADE COUNTY CLEAR POLYCARBONATE IN STALLED WITH CLOSED CELL FOAM TAPE ON BOTH SIDES OF THE POLYCARBONATE SHEET. THE POLYCAR BONATE TESTED WAS HYZOD BRAND BY DSM ENGINEERING PLASTICS CORPORATION. TYPE 1 VISION LIGHT KITS ARE USED FOR THE 1/4” POLYCARBONATE.
  - B) NEBULA GLASS GLASSLAM PLUS 2 LAMINATED GLASS ASSEMBLY INSTALLED WITH DOW CORNING 995 STRUCTURAL SILICONE PER THE MANUFACTURER’S INSTRUCTIONS. CLOSED CELL FOAM TAP IS USED ON BOTH SIDES OF THE GLASS ASSEMBLY. A TYPE 2 VISION LIGHT KIT WITH 5/8” POCKET IS REQUIRED.
- PRODUCT CERTIFIED BY A DADE COUNTY NOA MUST HAVE A DADE COUNTY FLORIDA ACCEPTANCE LABEL
- THE CUSTOMER SPECIFIED PRESSURE CANNOT BE GREATER THAN THE DESIGN PRESSURE OR FOR ASSEMBLIES REQUIRED TO MEET ASTM E1886. IMPACT SPEED IS 50 FEET PER SECOND.
- FOR ASSEMBLIES REQUIRED TO MEET ASTM E330 ONLY, THE CUSTOMER-SUPPLIED PRESSURE CANNOT GREATER THAN THE DESIGN PRESSURE.
- STANDARD WEIGHT OR HEAVY WEIGHT 4-1/2” X 4-1/2” OR 5” X 4-1/2” STEEL BUTT HINGES AND CONTINUOU HINGES MAY BE USED WHERE INDICATED
- Z ASTRAGALS MAY NOT BE USED ON ANY ASSEMBLIES.
- TRANSOM PANELS MUST BE 1-3/4” THICK 707 OR 747 PANELS.
- TRANSOM LIGHTS MUST BE GLASSLAM PLUS2 LAMINATED GLASS ASSEMBLY WITH CLOSED CELL FOAM TAPE. POCKET WIDTH IS 5/8”. MUST USE 5/8” GLASS STOP WITH UL SCREW SPACING.
- ANCHORS - ANCHORS ARE CURRIES LOCATIONS UNLESS OTHERWISE SPECIFIED.
- MINIMUM JAMB DEPTH IS 5-3/4” - MAXIMUM JAMB DEPTH IS 14” UNLESS INDICATED OTHERWISE. FRAME MUST BE FULLY SUPPORTED BY THE WALL.

CURRIES HURRICANE-RESISTANT PRODUCTS

DESIGN PRESSURE	PRODUCT	MAXIMUM SIZE OF OPENING	HARDWARE	DOOR	FACE TYPE OR FRAME GLAZING	FOR USE IN THE HVHZ[1]	FL BUILDING COMMISION APPROVAL NUMBER
+/-150	DOOR AND FRAME (COMPONENT)	8'0"X 8'0"	SURFACE VERTICAL ROD	707 747 847	F, FP	YES	FL32087[B]
+/-150	DOOR (COMPONENT)	8'0"X 8'0"	SURFACE VERTICAL ROD	707 747	N/A	YES	FL11537
+/-150	DOOR AND FRAME (COMPONENT)	8'0"X 8'0"	MULTI POINT LOCK	747[A]	N/A	YES	FL4553
+/-150	FRAME (COMPONENT) SIDE PANEL	8'0"X 8'0"	SURFACE VERTICAL ROD	707 747	N/A	YES	FL11537
+/-115	DOOR AND FRAME COMPONENT	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT AND DEAD BOLT)	757	FLUSH	YES	FL11537
+/-115	DOOR AND FRAME COMPONENT	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT	707, 727, OR 747	FLUSH	YES	FL8768
+/-100	DOOR AND FRAME COMPONENT	3'0"X 7'0"	CYLINDRICAL, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT	707, 727, 747, 777E	FLUSH	YES	FL11537
+/-100	DOOR AND FRAME COMPONENT	3'0"X 7'0"	CYLINDRICAL, MORTISE LOCK (LATCH BOLT AND DEAD BOLT)	757	FLUSH	YES	FL11537
+/-100	DOOR AND FRAME ASSEMBLY	3'0"X 7'0"	SARGENT 8200 (LATCH BOLT AND DEADBOLT)	707	FLUSH	YES	FL8394
+/-85	DOOR AND FRAME ASSEMBLY	3'0"X 7'0"	SARGENT 6500	707	FLUSH	YES	FL8394
+/-72	DOOR AND FRAME ASSEMBLY	3'0"X 7'0"	SARGENT 8200 / SARGENT 10X LINE	707	UP TO HG (24 X 32)	YES	FL8394
+/-70	DOOR AND FRAME COMPONENT	6'0"X 7'0"	MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, FLUSH BOLTS OR SURFACE BOLTS INACTIVE	777E	FLUSH	YES	FL11537
+/-70	DOOR (COMPONENT)	8'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	707, 727, OR 747	UP TO HG (32 X 42) UP TO FL (34 X 78)	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	8'0"X 8'0"	RIM EXIT, SURFACE VERTICAL ROD	777E	UP TO HG (32 X 42)	YES	FL4553 FL10723
+/-70	DOOR (COMPONENT)	8'0"X 8'0"	CYLINDRICAL LOCK AND CYLINDRICAL DEADBOLT ACTIVE, FLUSH BOLTS OR SURFACE BOLTS INACTIVE; MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, FLUSH BOLTS OR SURFACE BOLTS INACTIVE; RIM EXIT, SURFACE VERTICAL ROD	777E	FLUSH	YES	FL4553 FL10723
+/-70	FRAME (COMPONENT)	8'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	N/A	N/A	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	4'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT & DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	707, 727, OR 747	UP TO HG (32 X 42) UP TO FL (34 X 78)	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	4'0"X 8'0"	CYLINDRICAL LOCK, MORTISE LOCK (LATCH BOLT & DEAD BOLT) ACTIVE, RIM EXIT, SURFACE VERTICAL ROD	777E	FLUSH	YES	FL4553 FL10723
+/-70	FRAME (COMPONENT)	4'0"X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	N/A	N/A	YES	FL11537
						YES	FL8768
+/-70	DOOR (COMPONENT)	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT & DEAD BOLT), CYLINDRICAL LOCK AND DEADBOLT, INTERCONNECTED LOCK	607, 707, 727 OR 747	UP TO HG (32 X 42) UP TO FL (34 X 78)	YES	FL11537
						YES	FL8768
+/-70	FRAME: READYSET FRAME (COMPONENT)	3'0"X 7'0"	MORTISE LOCK (LATCH BOLT & DEAD BOLT), CYLINDRICAL LOCK AND DEADBOLT, INTERCONNECTED LOCK	N/A	N/A	YES	FL8768
						YES	FL8768

A. MANUFACTURED OFFSITE / B. LARGE MISSILE IMPACT IS 9 LB 2 X 4 AT 80 FEET/SECOND OR 895 FT-LBS (MISSILE LEVEL E)

NOTE: DOORS, FRAME, AND HARDWARE CERTIFIED TO: TAS 201, 202, 203, ASTM E330, E1886, E1996, ANSI A250.13.1) PRODUCTS APPROVED FOR USE INSIDE AND OUTSIDE HIGH VELOCITY HURRICANE ZONE (HVHZ). SEE HURRICANE-RESISTANT GUIDE ON WEBSITE. WWW.CURRIES.COM

CURRIES HURRICANE-RESISTANT PRODUCTS

DESIGN PRESSURE	PRODUCT	MAXIMUM SIZE OF OPENING	HARDWARE	DOOR	FACE TYPE OR FRAME GLAZING	FOR USE IN THE HVHZ[1]	FL BUILDING COMMISION APPROVAL NUMBER
+/-62	DOOR AND FRAME ASSEMBLY	8'0"X 8'0"	SARGENT HC8700	747	FLUSH	YES	FL8394
+/-60	DOOR (COMPONENT)	6'0" X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT) ACTIVE, SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	707, 727 OR 747	UP TO FG (24 X 66) UP TO FL (24 X 78)	YES	FL11537
+/-60	FRAME WITH/WITHOUT TRANSOM (COMPONENT)	FRAME 6'0" X 8'0" OR TRANSOM FRAME	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT ACTIVE), SURFACE BOLTS INACTIVE, RIM EXIT, SURFACE VERTICAL ROD	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	DOOR (COMPONENT)	3'0" X 8'0"	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	707, 727 OR 747	UP TO FG (24 X 66) UP TO FL (24 X 78)	YES	FL11537
+/-60	FRAME WITH/WITHOUT TRANSOM (COMPONENT)	FRAME 3'0" X 8'0" OR TRANSOM FRAME	CONCEALED VERTICAL ROD, MORTISE LOCK (LATCH BOLT AND DEAD BOLT), RIM EXIT, SURFACE VERTICAL ROD	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	DOOR (COMPONENT)	3'0" X 7'0"	CONCEALED VERTICAL ROD, RIM EXIT, SURFACE VERTICAL ROD, MORTISE EXIT	607, 707, 727 OR 747	UP TO FG (24 X 66) UP TO FL(24 X 78)	YES	FL11537
+/-60	DOOR (COMPONENT)	3'0" X 7'0"	MORTISE LOCK CYLINDRICAL LOCK INTERCONNECTED LOCK	607, 707, 727 OR 747	UP TO FG (24 X 66) UP TO FL (24 X 78)	YES	FL11537
+/-60	DOOR (COMPONENT)	6'0" X 7'0"	RIM EXIT	607, 707, 727 OR 747	UP TO FG	YES	FL11537
+/-60	FRAME (COMPONENT) READYSET	3'0" X 7'0"	CYLINDRICAL LOCK MORTISE LOCK	N/A	N/A	YES	FL11537
+/-60	FRAME (COMPONENT)	3'0" X 7'0"	CYLINDRICAL LOCK, MORTISE LOCK	N/A	N/A	YES	FL11537
+/-60	FRAME (COMPONENT) MAX DOOR SIZE: 3'0" X 7'0"	SIDELIGHT: 4'0" X 7'0"	CONCEALED VERTICAL ROD, CYLINDRICAL LOCK MORTISE LOCK, RIM EXIT, SURFACE VERTICAL ROD INTERCONNECTED LOCK	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	FRAME (COMPONENT)	TRANSOM: 3'0" X 10'2"	CONCEALED VERTICAL ROD, CYLINDRICAL LOCK MORTISE LOCK, RIM EXIT, SURFACE VERTICAL ROD INTERCONNECTED LOCK	N/A	GLASSLAM LAMINATED GLASS; 707 OR 747 PANELS	YES	FL11537
+/-60	STORE FRONT	FRAME: 10'0" HEIGHT	N/A	N/A	GLASSLAM LAMINATED GLASS 707 OR 747 PANELS	YES	FL11537
+/-57.2	DOOR AND FRAME ASSEMBLY	4'0" X 7'0"	SARGENT HC8800	747	F	YES	FL8394
+/-50	DOOR COMPONENT	3'0" X 7'0"	MORTISE LOCK, CYLINDRICAL LOCK AND RIM EXIT	607 OR 707	F	YES	FL11537
+/-50	FRAME COMPONENT	3'0" X 7'0"	MORTISE LOCK, CYLINDRICAL LOCK AND RIM EXIT	607 OR 707	N/A	YES	FL11537

NOTE: DOORS, FRAME, AND HARDWARE CERTIFIED TO: TAS 201, 202, 203, ASTM E330, E1886, E1996, ANSI A250.13.
1) PRODUCTS APPROVED FOR USE INSIDE AND OUTSIDE HIGH VELOCITY HURRICANE ZONE (HVHZ). SEE HURRICANE-RESISTANT GUIDE ON WEBSITE. WWW.CURRIES.COM

CURRIES PRODUCTS THAT MEET FEMA 361 FEMA 320, AND ICC 500 GUIDELINES

ICC 500-2014 AND ICC 500-2020

STATIC TEST PRESSURE	STATIC DESIGN PRESSURE	IMPACT	PRODUCT	MAXIMUM SIZE OF OPENING	HARDWARE	DOOR	FACE TYPE	CERTIFICATION AGENCY
+/- 341	. +/- 284	15 LB 2 X 4 @ 100 MPH	STORMPRO DOOR AND FRAME ASSEMBLY	2'8" X 6'8" TO 4'0" X 8'0" SINGLE OR 5'4" X 6'8" TO 8'0" PAIR	FE 6600 MULTI-POINT LOCK (CORBIN FE 6600, SARGENT FM 7300) ACTIVE OR SINGLE 988CR, 988, INACTIVE	STORMPRO 361	F FV FNV	UL
+/-341	+/-284	15 LB 2 X 4 @ 100 MPH	STORMPRO DOOR AND FRAME ASSEMBLY	2'8" X 6'8" TO 5'4" X 8'0" SINGLE OR 6'0" X 6'8" TO 8'0" X 8'0" PAIR	SARGENT FM8700, FM-PE8700 OR CORBIN RUSSWIN PED5400 FE SERIES SURFACE VERTICAL ROD EXIT DEVICE	STORMPRO 361	F FV FNV	UL
+/-341	+/- 284	15 LB 2 X 4 @ 100 MPH	DOOR AND FRAME SHUTTER ASSEMBLY	2'6" X 3'0" TO 4'0" X 6'8" [A] SINGLE OR 5'2" X 4'0" TO 8'2" X 6'8" PAIR	CORBIN RUSSWIN FE 6700, SARGENT FM 6100	STORMPRO 361 SHUTTER	F	UL
+/-341	+/- 284	15 LB 2 X 4 @ 100 MPH	STORMPRO DOOR AND FRAME ASSEMBLY	2'8" X 6'8" TO 4'0" X 8'0" SINGLE OR 5'4" X 6'8" TO 8'0" X 8'0" PAIR	MULTI POINT EXIT CORBIN RUSSWIN FE5400S, CORBIN 707S OR 708A MULLION REQUIRED FOR PAIRS	STORMPRO 361	F FV FNV	UL
+/-305	+/- 254	15 LB 2 X 4 @ 100 MPH	STORMPRO DOOR AND FRAME ASSEMBLY	2'8" X 6'8" TO 3'0" X 7'0"	SARGENT 10X LINE 3 MEDECO MAXIM DEAD BOLTS	STORMPRO 320	F FV	UL

[A] REFERENCE STORMPRO 361 DOOR AND FRAME MULTI-POINT LOCK CONSTRUCTION FOR GREATER THAN 6'8" IN HEIGHT.

IMPACT RATED GLASS PRODUCTS

DESIGN PRESSURE +/- 60 PSF IMPACT MISSILE LEVEL - D CLEAR GLASS ONLY			
MAXIMUM FRAME SIZES			
MASONRY	MAXIMUM OVERALL TRANSOM FRAME SIZE MASONRY STUD CONSTRUCTION MAXIMUM OVERALL SIDELIGHT FRAME SIZE MASONRY STUD CONSTRUCTION MAXIMUM SINGLE OUT-SWING DOOR SIZE MAXIMUM SINGLE IN-SWING DOOR SIZE MAXIMUM PAIR OF OUT-SWING DOORS SIZE MAXIMUM SIDE LIGHT OR PANEL OPENING SIZE MAXIMUM VISIBLE LIGHT - 45/60 MINUTE MAXIMUM VISIBLE LIGHT - 90 MINUTE MAXIMUM TRANSOM LIGHT OR PANEL OPENING MAXIMUM VISIBLE LIGHT	 13'6" WIDTH 12'0" WIDTH 13'6" WIDTH 12'0" WIDTH 36" WIDTH 36" WIDTH 72" WIDTH 36" WIDTH 34-3/4" WIDTH 34-3/4" WIDTH 72" WIDTH -3/4" WIDTH	 100" HEIGHT 100" HEIGHT 100" HEIGHT 100" HEIGHT 96" HEIGHT 84" HEIGHT 96" HEIGHT 94" HEIGHT 92-3/4"HEIGHT 88-9/16" HEIGHT 14" HEIGHT 30" HEIGHT
WALL CONSTRUCTION BUILDING STRUCTURE	ALLOWED IN MASONRY, STEEL STUD, WOOD STUD, WALLS, OR STEEL		
FRAME CONSTRUCTION	16 GAUGE STEEL FRAME WITH REINFORCEMENTS AND WELDED CORNER CONSTRUCTION		
FRAME DIMENSIONS	JAMB AND MULLION DEPTH – MINIMUM - 5-3/4" - MAXIMUM - 14" JAMB FACES - 2" HEAD AND MULLION FACES - MINIMUM - 2" - MAXIMUM – 4" SOFFIT – MINIMUM - 1" RABBET (DOOR SIDE) – MINIMUM – 1-15/16" STOP HEIGHT (DOOR STOP AND GLAZING) MINIMUM – 5/8"		
REMOVABLE STOPS	MATERIAL – COLD ROLLED, GALVANIZED, GALVANNEALED, OR STAINLESS STEEL 18 GAUGE STEEL STOP DEPTH – MINIMUM 5/8" FASTENERS - #8X 1-1/2" OVAL HEAD TEK SCREWS. LOCATED 2" FROM END AND 12" ON CENTER MAXIMUM		
ANCHORS	MASONRY "T", PIPE SPACER, WIRE ANCHOR, WELDED EWA, WOOD STUD, OR STEEL STUD ANCHORS		
DOOR	HURRICANE-RESISTANT LISTED AND FIRE RATED 707, 727, OR 747		
HARDWARE RESTRICTIONS	HARDWARE RESTRICTED TO WINDSTORM LISTED PRODUCTS		

HURRICANE-RESISTANT LOUVERS

DESIGN PRESSURE +/- 70 PSF
IMPACT MISSILE LEVEL - D 350 FT/LBS
NON FIRE RATED

LOUVER NOTES:

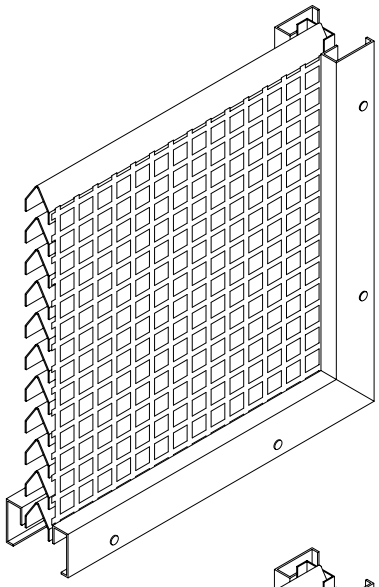
- CAN ONLY BE USED IN CURRIES 707 OR 747 DOOR CONSTRUCTION.
- ONLY ASSA ABLOY LV-WS (PREVIOUSLY ROCKWOOD WLV60) LOUVER CAN BE USED.
- LOUVER INCLUDES GALVANIZED MATERIAL AND SECURITY SCREEN.
- 20 GAUGE SURROUND CHANNEL MUST BE INSTALL ON PERIMETER OF LOUVER CUTOUT.
- MUST BE FACTORY INSTALL OR BY A UL OR WARNOCK WINDSTORM SECOND LOCATION.
- CAN BE USED WITH ANY HURRICANE-RESISTANT APPROVED HARDWARE.
- A 6" MINIMUM DIMENSION FORM STILE OR RAIL IS REQUIRED.
- BUG SCREEN IS OPTIONAL.
- FREE AIR FLOW = 40%

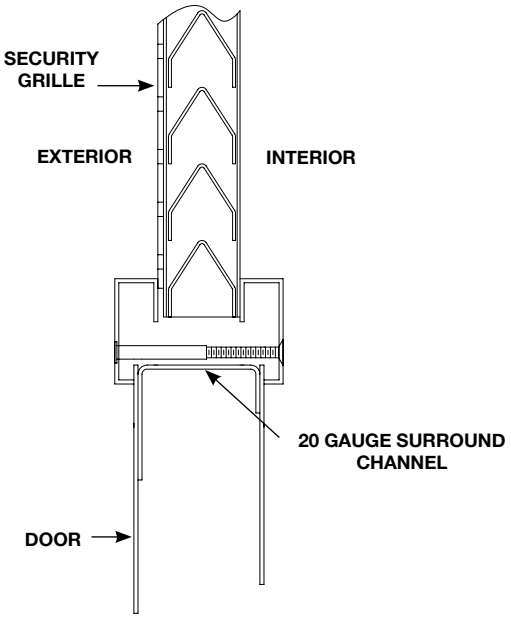
SIZES:

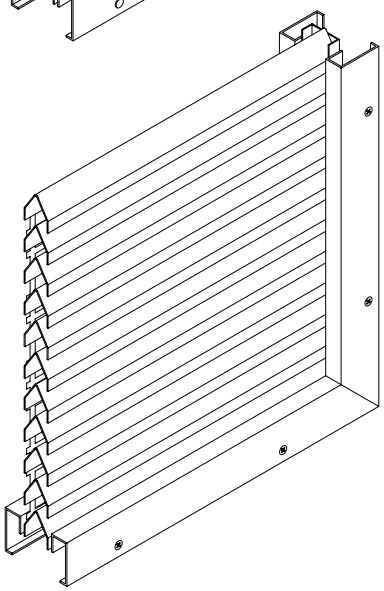
3070 DOOR – 12" MINIMUM, 24" MAXIMUM WIDTH
12" MINIMUM, 72" MAXIMUM HEIGHT

3080 DOOR – 12" MINIMUM, 24" MAXIMUM WIDTH
12" MINIMUM, 78" MAXIMUM HEIGHT

4080 DOOR – 12" MINIMUM, 34" MAXIMUM WIDTH
12" MINIMUM, 78" MAXIMUM HEIGHT



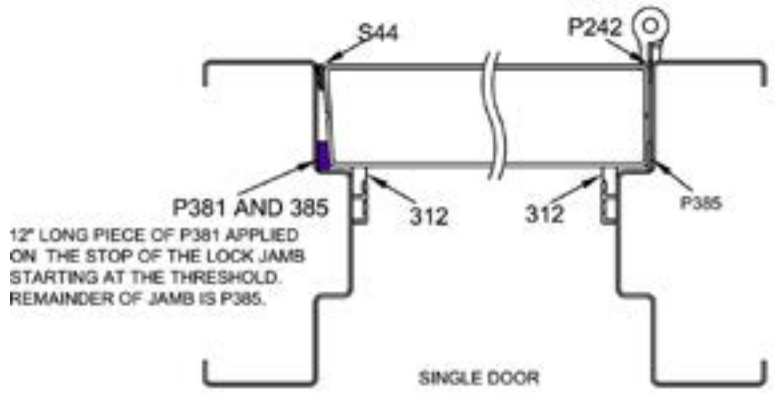


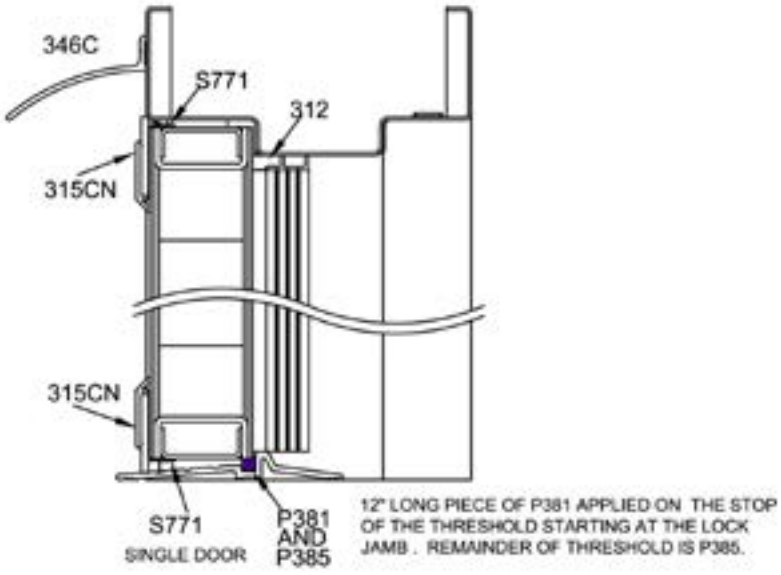


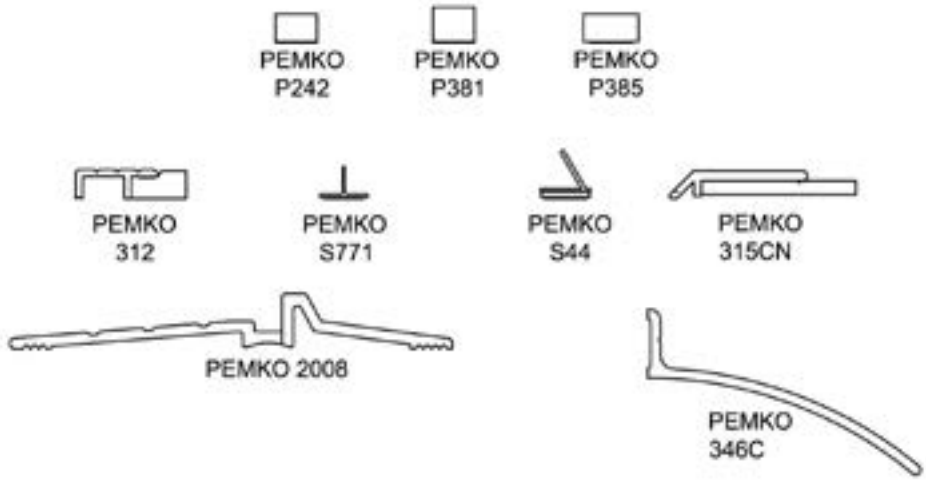
WEATHER STRIP FOR WATER INFILTRATION SINGLE DOOR PER ASTM 331/TAS 202 DESIGN PRESSURE 50 PSF

Hurricane

Ⓛ







WEATHER STRIP FOR WATER INFILTRATION SINGLE DOOR PER ASTM 331/TAS 202 DESIGN PRESSURE 60 PSF

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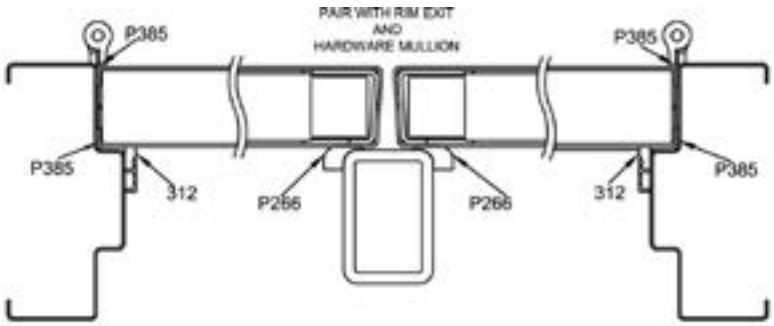
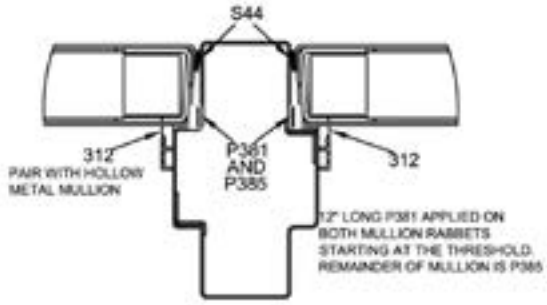
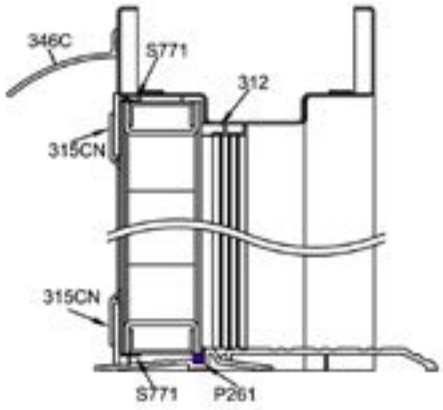
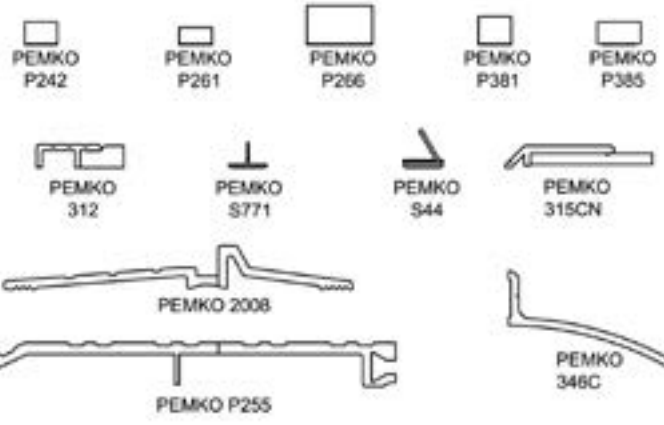




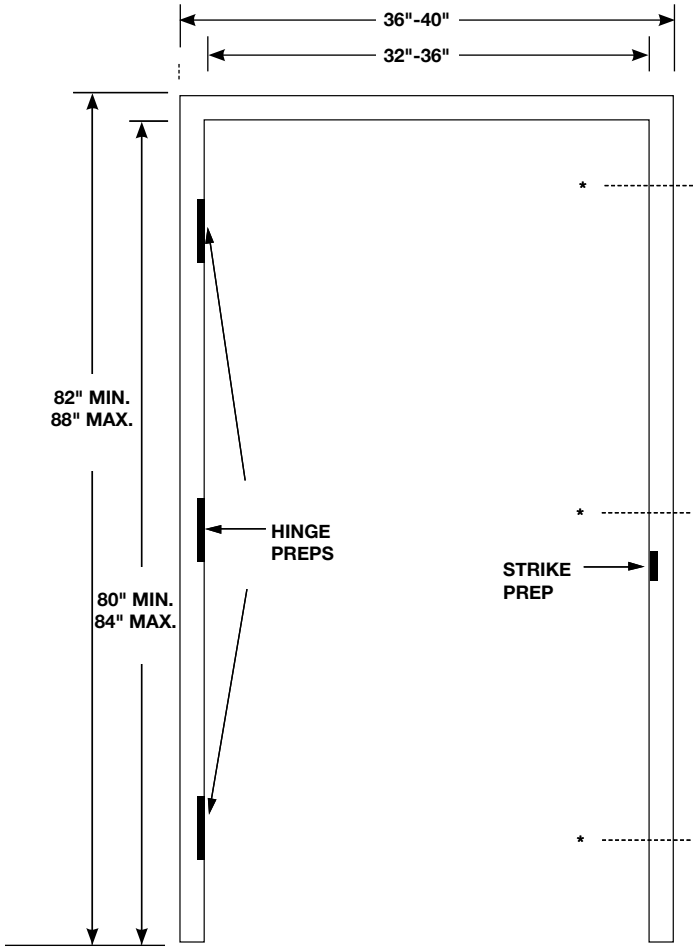




STORMPRO® 320 DOOR AND FRAME ASSEMBLY

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 254 PSF

- MEETS REQUIREMENTS OF ICC 500-2014 AND ICC 500--2020 (T8) AND FEMA P320/P361
- SINGLE OPENING 2’8” X 6’8” TO 3’0” X 7’0” ONLY
- MASONRY PROFILE 14 GAUGE AND 16 GAUGE STEEL
- KD OR FACTORY SEAM WELDED CORNERS
- JAMB DEPTHS 4” THROUGH 14”
- 4” FACE HEAD OPTION
- REFERENCE PAGE 447 AND PAGE 448 FOR ADDITIONAL HARDWARE, HINGE, AND ACCESSORY OPTION



HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2” X 4-1/2” X .180” MCKINNEY HEAVY WEIGHT SP3786 26D FINISH HINGES

(1) SARGENT 10X LINE LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE

3/8" X 6" ANCHOR BOLT AS PROVIDED WHEN WELDED PIPE SPACER ANCHORS ARE ORDERED.

DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.

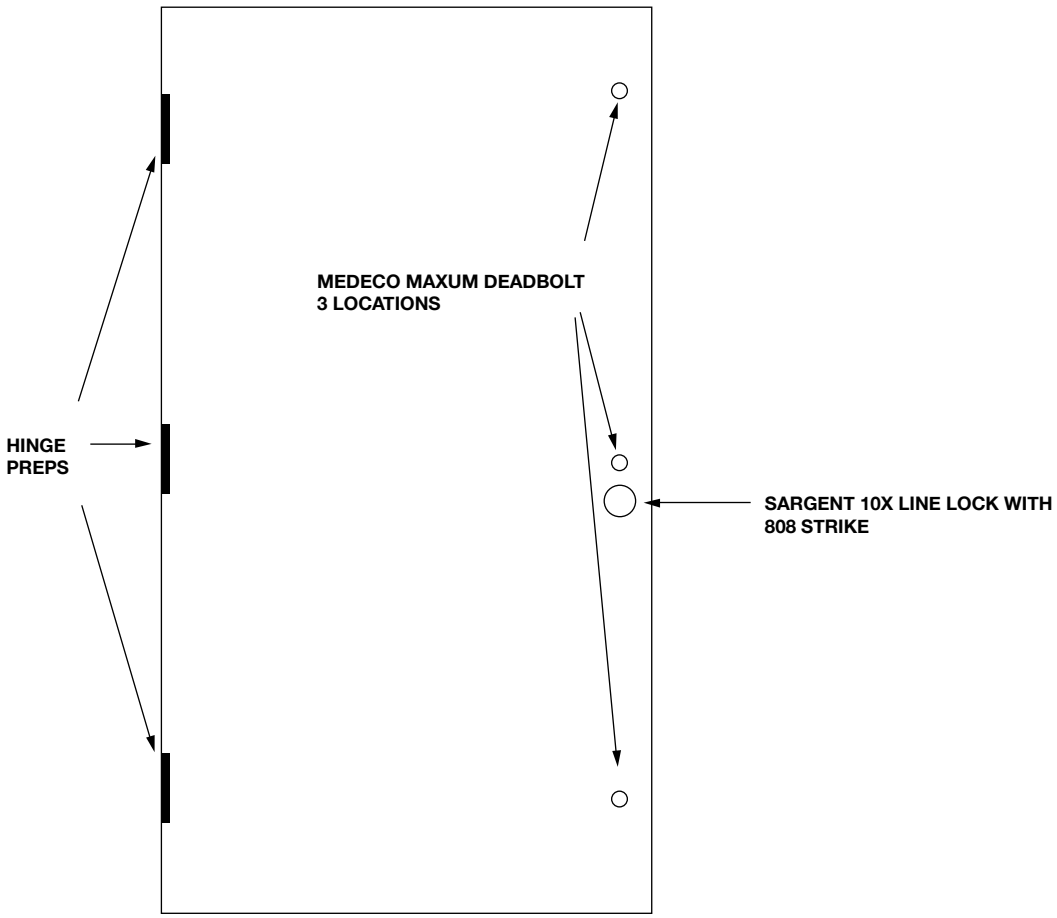
STORMPRO® 320 DOOR AND FRAME ASSEMBLY

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 254 PSF

- MEETS REQUIREMENTS OF ICC 500-2014 AND ICC 500-2020 (T8) AND FEMA P320/P361
- FLUSH DOORS, HANDED “A” BEVEL
- SINGLE OPENING 2'8" X 6'8" TO 3'0" X 7'0" ONLY
- 14 GAUGE STEEL
- T WELDED SEAMLESS EDGES
- WELDED FLUSH TOP CAP
- REFERENCE PAGE 447 AND PAGE 448 FOR ADDITIONAL HARDWARE, HINGE, AND ACCESSORY OPTIONS

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2” X 4-1/2” X .180" MCKINNEY HEAVY WEIGHT
SP3786 26D FINISH HINGES

(1) SARGENT 10X LINE CYLINDRICAL LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE



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DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.

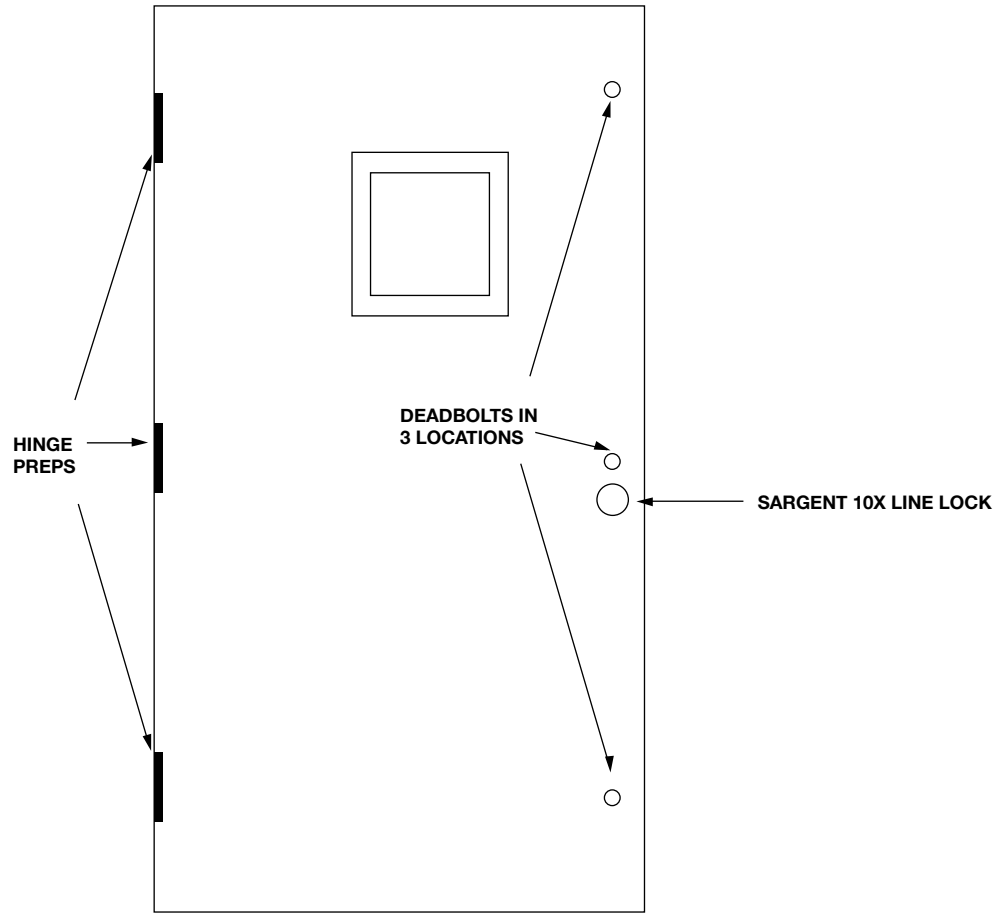
STORMPRO® 320 DOOR AND FRAME ASSEMBLY

STORMPRO 320 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE +/- 305 PSF
STATIC DESIGN PRESSURE +/- 254 PSF

- MEETS REQUIREMENTS OF ICC 500-2014 AND ICC 500--2020 (T8) AND FEMA P320/P361
- NOMINALLY CENTERED IN WIDTH AND LOCATED 60˚ ABOVE DOOR BOTTOM TO GLASS CENTERLINE, 10" X 10" FV ONLY
- HANDED “A” BEVEL
- SINGLE OPENING 2’8” X 6’8” TO 3’0” X 7’0” ONLY
- 14 GAUGE STEEL
- T WELDED SEAMLESS EDGES
- WELDED FLUSH TOP CAP
- REFERENCE PAGE 447 AND PAGE 448 FOR ADDITIONAL HARDWARE, HINGE, AND ACCESSORY OPTIONS

HARDWARE SUPPLIED WITH THE DOOR
1-1/2 PR. 4-1/2” X 4-1/2” X .180” MCKINNEY HEAVY WEIGHT SP3786 26D FINISH HINGES

(1) SARGENT 10X LINE LOCK 26D FINISH
(3) MEDECO MAXUM DEADBOLTS 26D FINISH KEYED ALIKE



DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.

STORMPRO 361® DOOR CONSTRUCTION

SARGENT FM8700, FM-PE8700 OR CORBIN RUSSWIN PED5400 FE SERIES SURFACE VERTICAL ROD EXIT DEVICEONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

3 HINGES APPROVED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT
MEETS FEMA P361 (2021) AND ICC 500-2014 AND ICC 500-2020 (T8) STANDARD

STORMPRO 361 DOOR AND FRAME ASSEMBLY

STATIC TEST PRESSURE	+/-341 PSF
STATIC DESIGN PRESSURE	+/-284 PSF

DOOR MAY BE FLUSH OR GLAZED[A] (10"X10" FV ONLY)

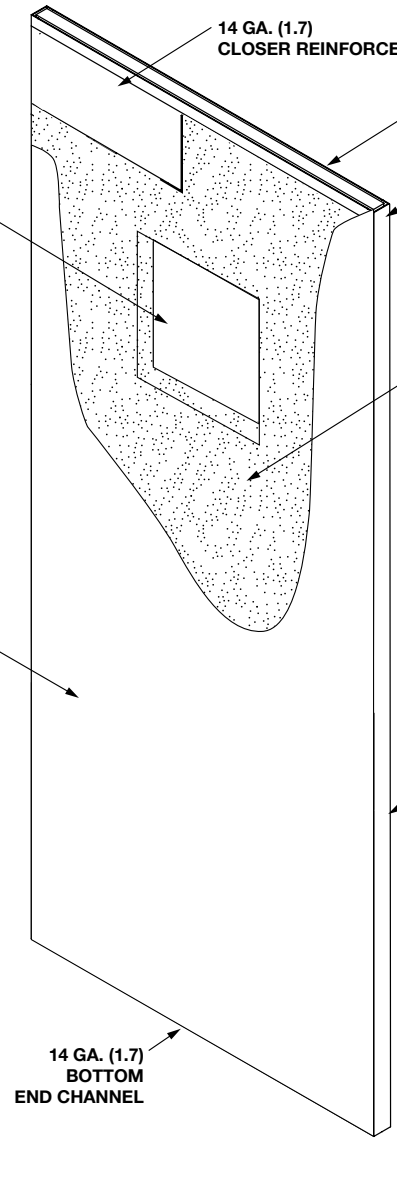
FIELD REPLACEABLE GLASS KIT MODULE PATENT PENDING

FIELD REPLACEABLE KIT AND GLASS WILL BE APPLIED TO DOORS WITH ORDERS RECEIVED ON OR AFTER JUNE 7, 2023.

CONTRAFLAM ULTIMAX 90 MUST BE FACTORY INSTALLED. GLASS THICKNESS IS 2-1/16"

GLASS NOMINALLY CENTERED IN WIDITH AND LOCATED 60-1/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS WHEN 653 STRIKE IS USED. GLASS WILL BE LOCATED 60-3/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS WITH 655 STRIKE

MULTIPLE LITES NOT ALLOWED.



AVAILABLE DOOR CLOSERS:
- CORBIN RUSSWIN DC8000
- NORTON 7500
- SARGENT 281
- ASSA ABLOY ACCENTRA 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
- **POWER TRANSFER: CEPT**
- **DPS: DPS-M -3/4"**
- **HOLD OPEN: MODEL 998**

PEMKO:
- **WEATHERSTRIPS: MODEL S773,**
- **MODEL 305 PERIMETER SEAL IS AVAIAILABLE FOR SINGLES AND PAIRS.**
- **MODEL 305 "ASTRAGAL" IS AVAILABLE FOR PAIRS (THREAT SIDE MOUNT ONLY)**

BOTTOM SWEEP: MODEL 345 (THREAT SIDE ONLY
THRESHOLD: MODEL 2715
- **(THRESHOLD HEIGHT AT THE DOOR MUST BE LESS THAN THE DOOR UNDERCUT)**

RAIN DRIP: MODEL 346
- **(THREAT SIDE ONLY)**

MINIMUM SIZE:
2'8" X 6'8" SINGLE *
5'4" X 6'8" PAIR

MAXIMUM SIZE:
4'0" X 8'0" SINGLE *
8'0" X 8'0" PAIRS

** FIRE RATED SINGLE REQUIRES FIRE PINS IN LOCK EDGE OF DOOR*

SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES. DESIGN PRESSURE MAY BE LIMITD TO +246/-225 PSF AND TEST PRESSURE MAY BE LIMITED TO +296/-270 PSF. FACE SHEETS MAY BE 16 GAUGE MINIMUM CONSTRUCTION.
A NOT AVAILABLE WITH BUY AMERICA PROJECTS.

STORMPRO 361® 4"X25" GLAZED DOOR CONSTRUCTION

SARGENT FM8700, FM-PE8700 OR CORBIN RUSSWIN PED5400 FE SERIES SURFACE VERTICAL ROD EXIT DEVICEONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

3 HINGES APPROVED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT
MEETS FEMA P361 (2021) AND ICC 500-2014 AND ICC 500-2020 (T8) STANDARD

STORMPRO 361 DOOR AND FRAME ASSEMBLY

STATIC TEST PRESSURE	+/-341 PSF
STATIC DESIGN PRESSURE	+/-284 PSF

14 GA. (1.7) DEFAULT STANDARD,
12 GA. (2.1) OPTIONAL FACE SKINS;
COLD ROLLED OR GALVANNEALED (A60)

FIELD REPLACEABLE GLASS KIT MODULE PATENT PENDING

FIELD REPLACEABLE KIT AND GLASS WILL BE APPLIED TO DOOR WITH ORDERS RECEIVED ON OR AFTER JUNE 7, 2023.

4"X25" VISIBLE GLASS CONTRAFLAM ULTIMAX 90 MUST BE FACTORY INSTALLED. GLASS THICKNESS IS 2-1/16"

GLASS LOCATED APPROXIMATELY 8-5/8" FROM EDGE OF DOOR TO VISIBLE GLASS

BOTTOM OF VISIBLE GLASS LOCATED 48-1/4" ABOVE FINISHED FLOOR STANDARD

BOTTOM OF VISIBLE GLASS LOCATED 43" ABOVE FINISH FLOOR WHEN ADA COMPLIACE IS REQUIRED

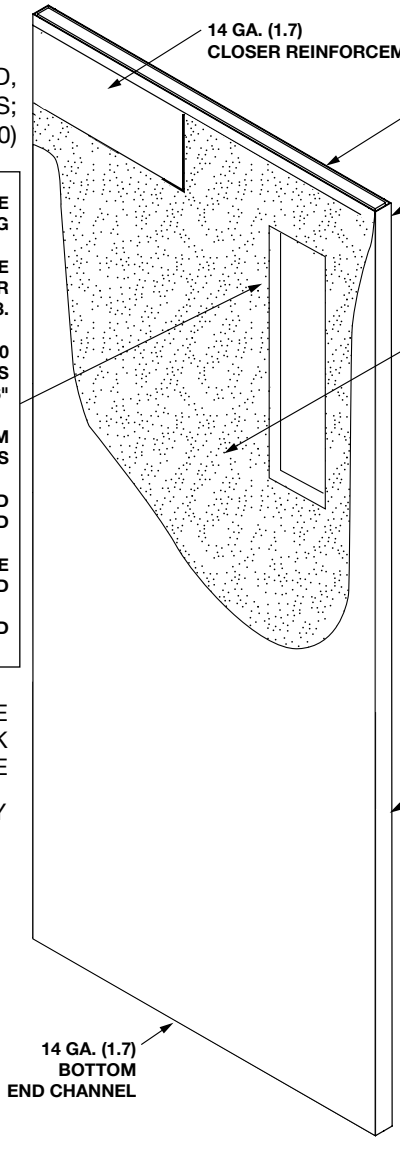
MULTIPLE LITES NOT ALLOWED

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

OUT-SWING ONLY

MINIMUM SIZE:
2'8" X 6'8" SINGLE
5'4" X 6'8" PAIR

MAXIMUM SIZE:
4'0" X 8'0" SINGLE
8'0" X 8'0" PAIRS



AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
ASSA ABLOY ACCENTRA 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998
PEMKO:
WEATHERSTRIPS: MODEL S773, MODEL 305 PERIMETER SEAL IS AVAILABLE FOR SINGLES AND PAIRS. MODEL 305 "ASTRAGAL" IS AVAILABLE FOR PAIRS (THREAT SIDE MOUNT ONLY)
BOTTOM SWEEP: MODEL 345 (THREAT SIDE ONLY)
THRESHOLD: MODEL 2715
(THRESHOLD HEIGHT AT THE DOOR MUST BE LESS THAN THE DOOR UNDERCUT)
RAIN DRIP: MODEL 346
(THREAT SIDE ONLY)

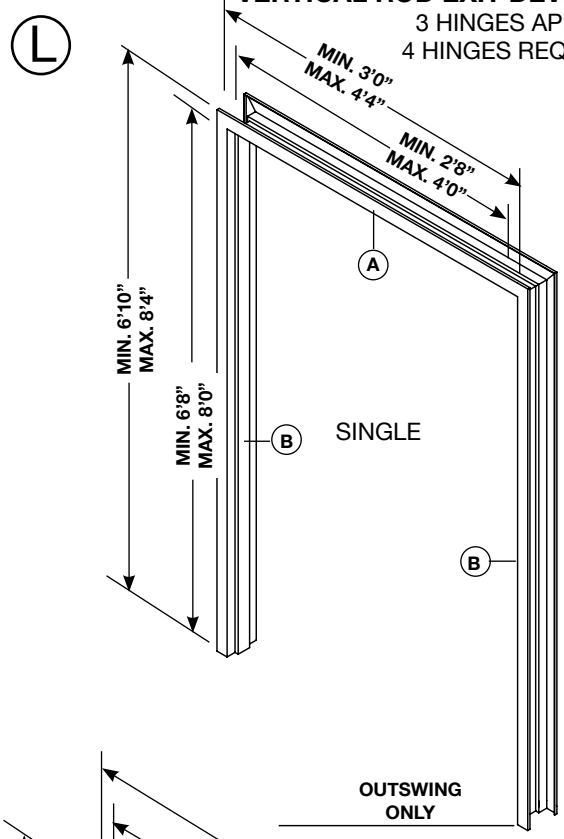
BOTTOM UNDERCUT
3/8" (0.95) SARGENT 655 STRIKE OR
5/8" (15.9) SARGENT 653 STRIKE

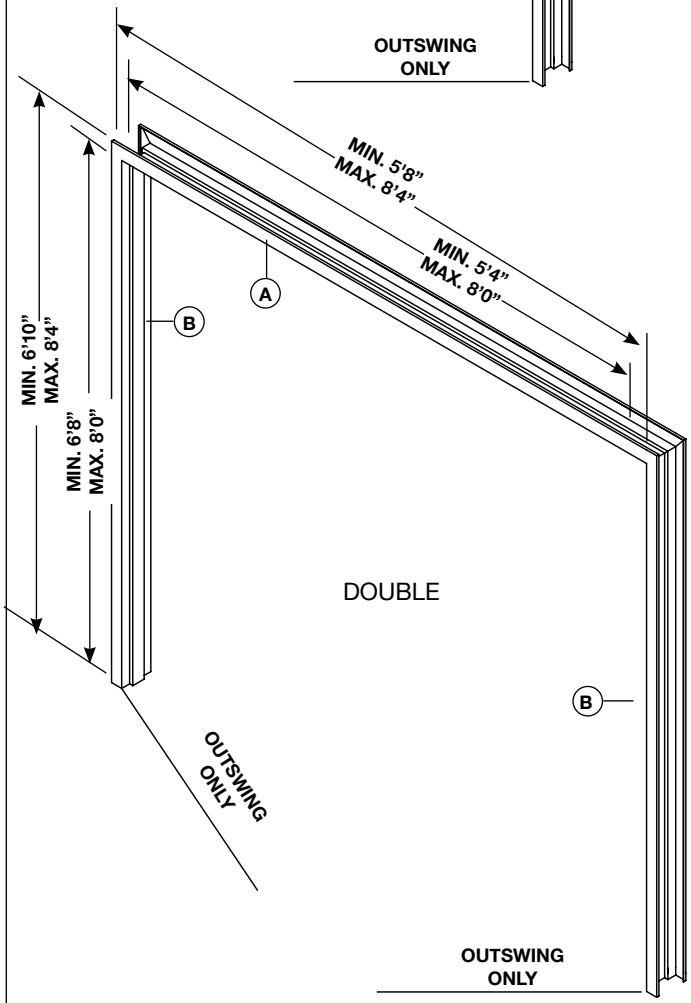
SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
NOT AVAILABLE WITH BUY AMERICA PROJECTS.

STORMPRO® FRAME CONSTRUCTION

SARGENT FM8700, FM-PE8700 OR CORBIN RUSSWIN PED5400 FE SERIES SURFACE VERTICAL ROD EXIT DEVICE ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS

3 HINGES APPROVED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" AND GREATER IN HEIGHT

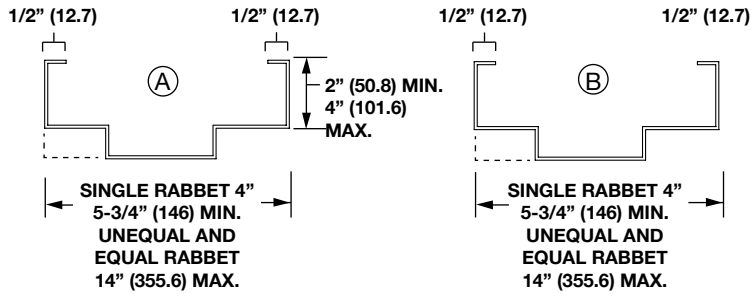




STORMPRO 361 DOOR AND FRAME ASSEMBLY

STATIC TEST PRESSURE	+/-341 PSF
STATIC DESIGN PRESSURE	+/-284 PSF

FOR USE WITH THE SARGENT FM8700, FM-PE8700 OR CORBIN RUSSWIN PED5400 FE SERIES SURFACE VERTICAL ROD EXIT DEVICE MEETS FEMA P361 (MARCH 2021) AND ICC 500-2014 AND 1CC 500-2020 (T8) STANDARD



FRAMES ARE 14 GAUGE (1.9) DEFAULT STANDARD, 12 GAUGE (2.1) OPTIONAL; A60, KD OR FACTORY FACE WELDED CORNER CONSTRUCTION.

HINGES:

4-1/2" X 4-1/2" HEAVYWEIGHT +
5" X 4-1/2" HEAVYWEIGHT +
MARKAR HG305

+ MCKINNEY SP 3386 OR SP 3786

CAN BE FIRE RATED UP TO 180 MINUTES - EXCLUDING DOORS WITH NON-FIRE RATED 4"X25" FACTORY INSTALLED GLASS.

JAMB ANCHOR OPTIONS:

MASONRY - "T" ANCHORS
MASONRY - WIRE ANCHORS
WELDED EXISITING OPENING PREPS WITH BOLTS

WELDED WPS OR WEMA ANCHORS.
WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY. MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES. WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).

SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS. *DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES. DESIGN PRESSURE MAY BE LIMITED TO +246/-225 PSF AND TEST PRESSURE MAY BE LIMITED TO +296/-270 PSF.*

STORMPRO® 361 DOOR CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/-341 PSF)
STATIC DESIGN PRESSURE (+/-284)
FOR USE WITH CORBIN RUSSWIN FE5400S MULTI POINT EXIT WITH MULLION
MEETS FEMA P361 (2021) AND ICC 500-2014 AND ICC 500-2020 (T8) STANDARD

Tornado

CORBIN RUSSWIN FE5400S
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
3 HINGES APPROVED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT

Ⓛ

14 GA. (1.7) DEFAULT STANDARD,
12 GA. (2.1) OPTIONAL FACE SKINS;
COLD ROLLED OR GALVANNEALED (A60)

FIELD REPLACEABLE GLASS KIT MODULE PATENT PENDING

FIELD REPLACEABLE KIT AND GLASS WILL BE APPLIED TO DOORS WITH ORDERS RECEIVED ON OR AFTER JUNE 7, 2023.

CONTRAFLAM ULTIMAX 90 MUST BE FACTORY INSTALLED. GLASS THICKNESS IS 2-1/16"

GLASS NOMINALLY CENTERED IN WIDITH AND LOCATED 60-1/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS WHEN 653 STRIKE IS USED. GLASS WILL BE LOCATED 60-3/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS WITH 655 STRIKE

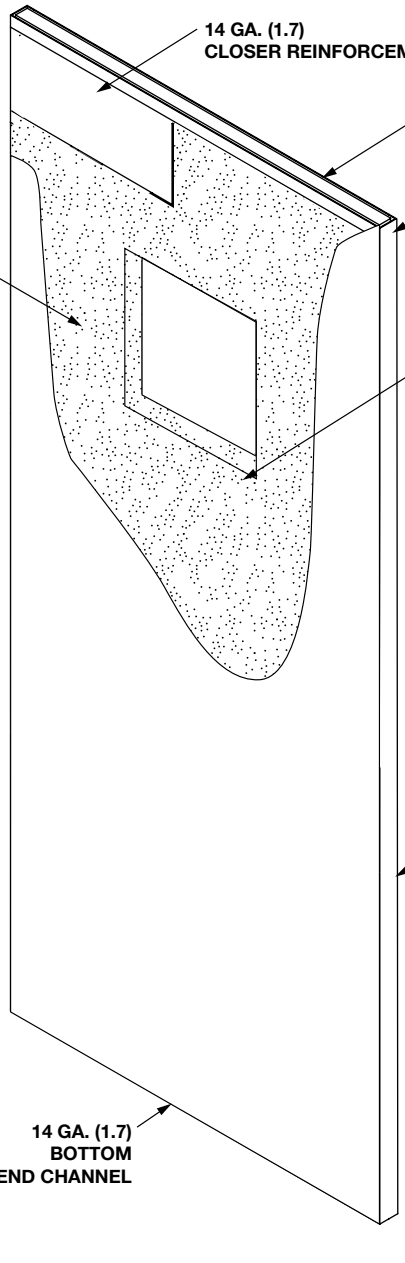
MULTIPLE LITES NOT ALLOWED.

SQUARE HINGE EDGE
BEVEL 1/8” IN 2” ON LOCK EDGE

OUT-SWING ONLY

MINIMUM SIZE:
2'8" X 6'8" SINGLE
5'4" X 6'8" PAIR

MAXIMUM SIZE:
4’0” X 8’0” SINGLE
8’0” X 8’0” PAIRS



POLYSTYRENE CORE FOR NON-FIRE RATED

STEEL STIFFENED CORE STANDARD OR HONEYCOMB OPTIONAL BOTH CAN BE FIRE RATED UP 180 MINUTES
- T WELDED SEAMLESS EDGES

AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
ASSA ABLOY ACCENTRA 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998
PEMKO:
WEATHERSTRIPS: MODEL S773, MODEL 305 PERIMETER SEAL IS AVAILABLE FOR SINGLES AND PAIRS. MODEL 305 "ASTRAGAL" IS AVAILABLE FOR PAIRS (THREAT SIDE MOUNT ONLY
BOTTOM SWEEP: MODEL 345
THRESHOLD: MODEL 1715
(THRESHOLD HEIGHT AT THE DOOR MUST BE LESS THAN THE DOOR UNDERCUT)
RAIN DRIP: MODEL 346
(THREAT SIDE ONLY)

SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES. FACE SHEETS MAY BE 16 GAUGE MINIMUM CONSTRUCTION.
A NOT AVAILABLE WITH BUY AMERICA PROJECTS.

STORMPRO® 361 4"X25" GLAZED DOOR CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/-341 PSF)
STATIC DESIGN PRESSURE (+/-284)
FOR USE WITH CORBIN RUSSWIN FE5400S MULTI POINT EXIT WITH MULLION
MEETS FEMA P361 (2021) AND ICC 500-2014 AND ICC 500-2020 (T8) STANDARD

Tornado

Ⓛ

CORBIN RUSSWIN FE5400S
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
3 HINGES APPROVED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT

14 GA. (1.7) DEFAULT STANDARD,
12 GA. (2.1) OPTIONAL FACE SKINS; COLD ROLLED OR GALVANNEALED (A60)

FIELD REPLACEABLE GLASS KIT MODULE PATENT PENDING

FIELD REPLACEABLE KIT AND GLASS WILL BE APPLIED TO DOOR WITH ORDERS RECEIVED ON OR AFTER JUNE 7, 2023.

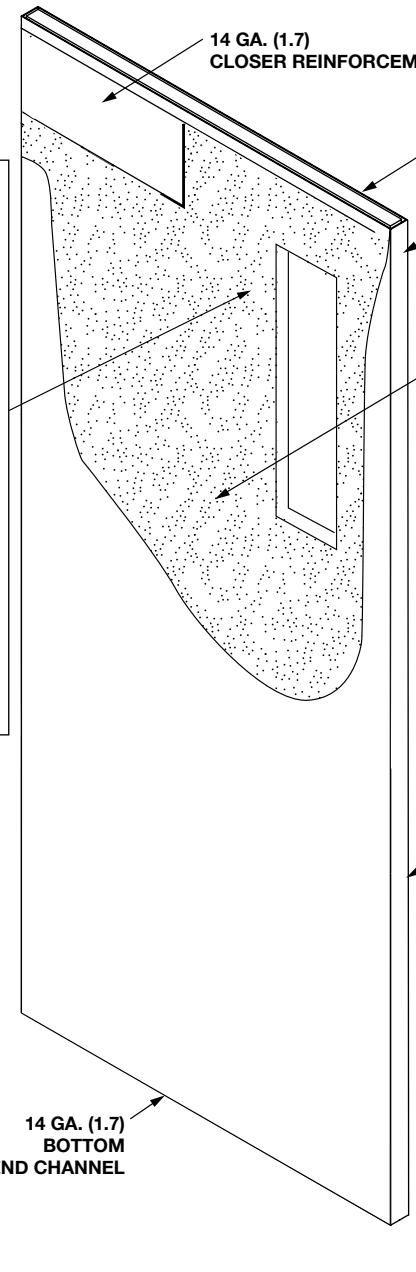
4"X25" VISIBLE GLASS CONTRAFLAM ULTIMAX 90 MUST BE FACTORY INSTALLED. GLASS THICKNESS IS 2-1/16"

GLASS LOCATED APPROXIMATELY 8-5/8" FROM EDGE OF DOOR TO VISIBLE GLASS

BOTTOM OF VISIBLE GLASS LOCATED 48-1/4" ABOVE FINISHED FLOOR STANDARD

BOTTOM OF VISIBLE GLASS LOCATED 43" ABOVE FINISH FLOOR WHEN ADA COMPLIACE IS REQUIRED

MULTIPLE LITES NOT ALLOWED



AVAILABLE DOOR CLOSERS:
- CORBIN RUSSWIN DC8000
- NORTON 7500
- SARGENT 281
- ASSA ABLOY ACCENTRA 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
- **POWER TRANSFER: CEPT**
- **DPS: DPS-M -3/4"**
- **HOLD OPEN: MODEL 998**

PEMKO:
- **WEATHERSTRIPS: MODEL S773, MODEL 305 PERIMETER SEAL IS AVAILABLE FOR SINGLES AND PAIRS. MODEL 305 "ASTRAGAL" IS AVAILABLE FOR PAIRS (THREAT SIDE MOUNT ONLY**

BOTTOM SWEEP: MODEL 345
THRESHOLD: MODEL 1715
- **(THRESHOLD HEIGHT AT THE DOOR MUST BE LESS THAN THE DOOR UNDERCUT)**

RAIN DRIP: MODEL 346
- **(THREAT SIDE ONLY)**

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

OUT-SWING ONLY

MINIMUM SIZE:
2'8" X 6'8" SINGLE
5'4" X 6'8" PAIR

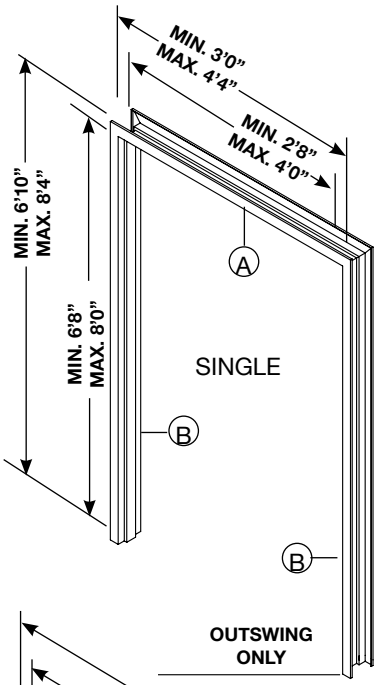
MAXIMUM SIZE:
4'0" X 8'0" SINGLE
8'0" X 8'0" PAIRS

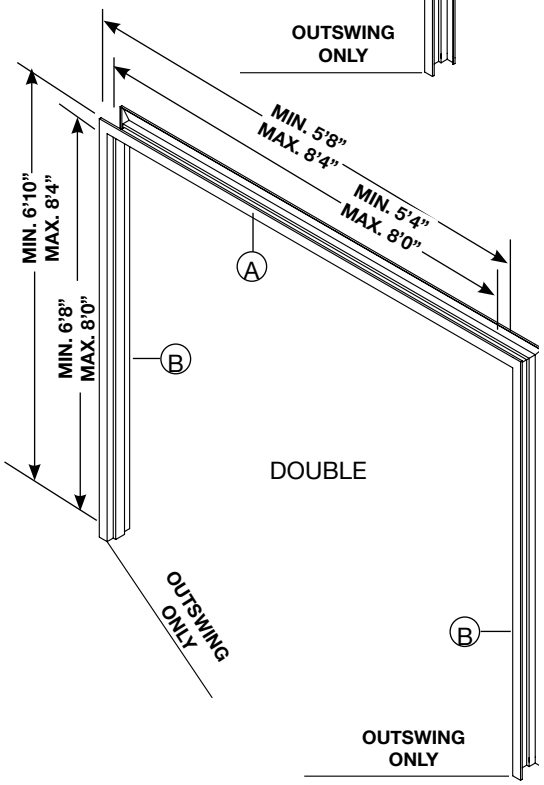
SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
NOT AVAILABLE WITH BUY AMERICA PROJECTS.

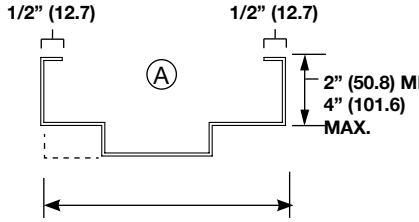
STORMPRO® 361 FRAME CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 341 PSF)
STATIC DESIGN PRESSURE (+/- 284 PSF)
FOR USE WITH THE CORBIN RUSSWIN FE 5400S MULTI-POINT EXIT DEVICE
PAIRS REQUIRE USE OF CORBIN RUSSWIN FE707A OR 708A MULLION
MEETS FEMA P361 (2021) AND ICC 500-2014 AND ICC 500-2020 (T8) STANDARD

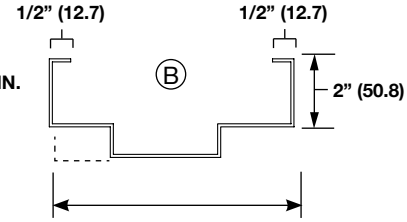
CORBIN RUSSWIN FE5400S
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
3 HINGES APPROVED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT







SINGLE RABBET
SINGLE DOORS 4" MIN - 14" MAX
PAIR OF DOORS 5-1/2" MIN - 14" MAX
UNEQUAL RABBET - SINGLE AND PAIRS 5-3/4" MIN - 14" MAX.



SINGLE RABBET
SINGLE DOORS 4" MIN - 14" MAX
PAIR OF DOORS 5-1/2" MIN - 14" MAX
UNEQUAL RABBET - SINGLE AND PAIRS 5-3/4" MIN - 14" MAX.

FRAMES ARE 14 GAUGE (1.9) DEFAULT STANDARD, 12 GAUGE (2.1) OPTIONAL, A60, KD OR FACTORY FACE WELDED CORNER CONSTRUCTION.

HINGES:
4-1/2" X 4-1/2" HEAVYWEIGHT +
5" X 4-1/2" HEAVYWEIGHT +
MARKAR HG305

+ STAINLESS HINGE OR STAINLESS SCREWS (MCKINNEY SP 3386 OR SP 3786)

CAN BE FIRE RATED UP TO 180 MINUTES - EXCLUDING DOORS WITH NON FIRE RATED 4" X 25" FACTORY INSTALLED GLASS.

JAMB ANCHOR OPTIONS:
MASONRY - "T" ANCHORS
MASONRY - WIRE ANCHORS
WELDED EXISITING OPENING PREPS WITH BOLTS

WELDED WPS OR WEMA ANCHORS.
WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.
MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED.

FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.
WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).

SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.

STORMPRO® 361 DOOR CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 341 PSF)
STATIC DESIGN PRESSURE (MIN. +/- 284 PSF)
CORBIN RUSSWIN FE6600 , SARGENT FM7300
MEETS FEMA P361 (2021) AND ICC 500-2014/ICC 500-2020 (T8)

MINIMUM SIZE:
2'8" X 6'8" SINGLE
5'4" X 6'8" PAIRS*
MAXIMUM SIZE:
4'0" X 8'0" SINGLE
8'0" X 8'0" PAIRS*

** CORBIN RUSSWIN 988CR OR SARGENT 988 SURFACE BOLTS USED ON THE INACTIVE LEAF OF PAIRS OF DOORS. 10 GA. (3.4). ASTRAGAL REQUIRED ON PAIRS OF DOORS.*

Ⓛ

CORBIN RUSSWIN FE6600 SARGENT FM7300
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
3 HINGES REQUIRED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT

DOOR MAY BE FLUSH OR GLAZED[A] (10"X10" FV ONLY)

FIELD REPLACEABLE GLASS KIT MODULE PATENT PENDING

FIELD REPLACEABLE KIT AND GLASS WILL BE APPLIED TO DOORS WITH ORDERS RECEIVED ON OR AFTER JUNE 7, 2023.

CONTRAFLAM ULTIMAX 90 MUST BE FACTORY INSTALLED. GLASS THICKNESS IS 2-1/16"

GLASS NOMINALLY CENTERED IN WIDITH AND LOCATED 60-1/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS WHEN 653 STRIKE IS USED. GLASS WILL BE LOCATED 60-3/8" ABOVE DOOR BOTTOM TO CENTERLINE OF GLASS WITH 655 STRIKE

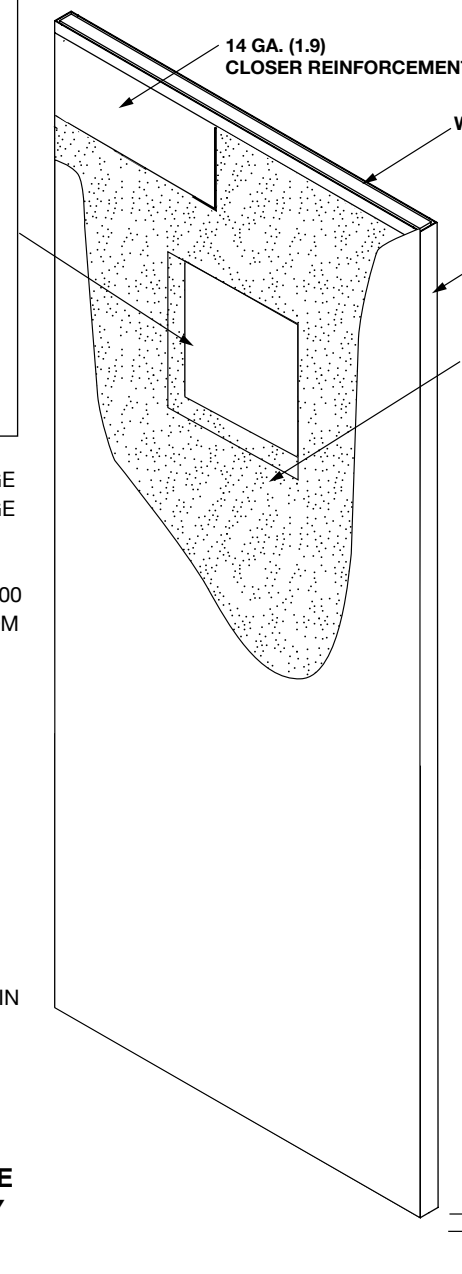
MULTIPLE LITES NOT ALLOWED.

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

CORBIN RUSSWIN FE6600 AND SARGENT FM7300 CONCEALED VERTICAL RODS, TOP AND BOTTOM BOLTS, AND MORTISE LOCK BODY CASSETTE MUST BE FACTORY INSTALLED IN A CURRIES STORMPRO DOOR. CURRENT ORDERING PROCESS DOES NOT CHANGE: DOORS AND FRAMES ARE ORDERED THROUGH THE DOOR BRANDS AND HARDWARE IS ORDERED THROUGH THE HARDWARE BRANDS. THE DOOR PRICE INCLUDES COST OF HARDWARE COMPONENT INSTALLATION INTO THE DOOR. THE MORTISE LOCK BODY, TRIM, LEVERS, AND ALL OTHER HARDWARE COMPONENTS ARE ORDERED BY THE CUSTOMER, SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN AND RECOMMENDED TO BE FIELD INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN THE DOOR OR THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

INSWING OR OUTSWING



14 GA. (1.7) DEFAULT STANDARD, 12 GA.[A] (2.1)[A] OPTIONAL FACE SKINS; COLD ROLLED OR GALVANNEALED (A60)

AVAILABLE DOOR CLOSERS:

CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
ASSA ABLOY ACCENTRA 4400

OTHER HARDWARE ACCESSORIES:

SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998

PEMKO:
WEATHERSTRIPS: MODEL S773,
BOTTOM SWEEP: MODEL 345 (THREAT SIDE ONLY)
THRESHOLD: MODEL 2715 (THRESHOLD HEIGHT AT THE DOOR MUST BE LESS THAN THE DOOR UNDERCUT)
RAIN DRIP: MODEL 346 (THREAT SIDE ONLY)

MAY BE INSTALLED IN A FOUR SIDED FRAME SHUTTER APPLICATIONS OVER 6'8" HEIGHTS ARE OPTIONAL

*SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.**DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES. DESIGN PRESSURE MAY BE LIMITED TO +/-252 PSF AND TEST PRESSURE MAY BE LIMITED TO +/-302 PSF. ASSEMBLIES MAY BE LIMITED TO 3'0" X 7'0" MINIMUM SIZE.*
A NOT AVAILABLE WITH BUY AMERICA PROJECTS.

STORMPRO® 361 4"X25" GLAZED DOOR CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 341 PSF)
STATIC DESIGN PRESSURE (MIN. +/- 284 PSF)
CORBIN RUSSWIN FE6600, SARGENT FM7300
MEETS FEMA P361 (2021) AND ICC 500-2014 / ICC 500-2020 (T8)

MINIMUM SIZE:
2'8" X 6'8" SINGLE
5'4" X 6'8" PAIRS*
MAXIMUM SIZE:
4'0" X 8'0" SINGLE
8'0" X 8'0" PAIRS*

** CORBIN RUSSWIN 988CR OR SARGENT 988 SURFACE BOLTS USED ON THE INACTIVE LEAF OF PAIRS OF DOORS. 10 GA. (3.4). ASTRAGAL REQUIRED ON PAIRS OF DOORS.*

Tornado

CORBIN RUSSWIN FE6600SARGENT FM7300
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
3 HINGES REQUIRED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT

FIELD REPLACEABLE GLASS KIT MODULE PATENT PENDING

FIELD REPLACEABLE KIT AND GLASS WILL BE APPLIED TO DOOR WITH ORDERS RECEIVED ON OR AFTER JUNE 7, 2023.

4"X25" VISIBLE GLASS CONTRAFLAM ULTIMAX 90 MUST BE FACTORY INSTALLED. GLASS THICKNESS IS 2-1/16"

GLASS LOCATED APPROXIMATELY 8-5/8" FROM EDGE OF DOOR TO VISIBLE GLASS

BOTTOM OF VISIBLE GLASS LOCATED 48-1/4" ABOVE FINISHED FLOOR STANDARD

BOTTOM OF VISIBLE GLASS LOCATED 43" ABOVE FINISH FLOOR WHEN ADA COMPLIACE IS REQUIRED

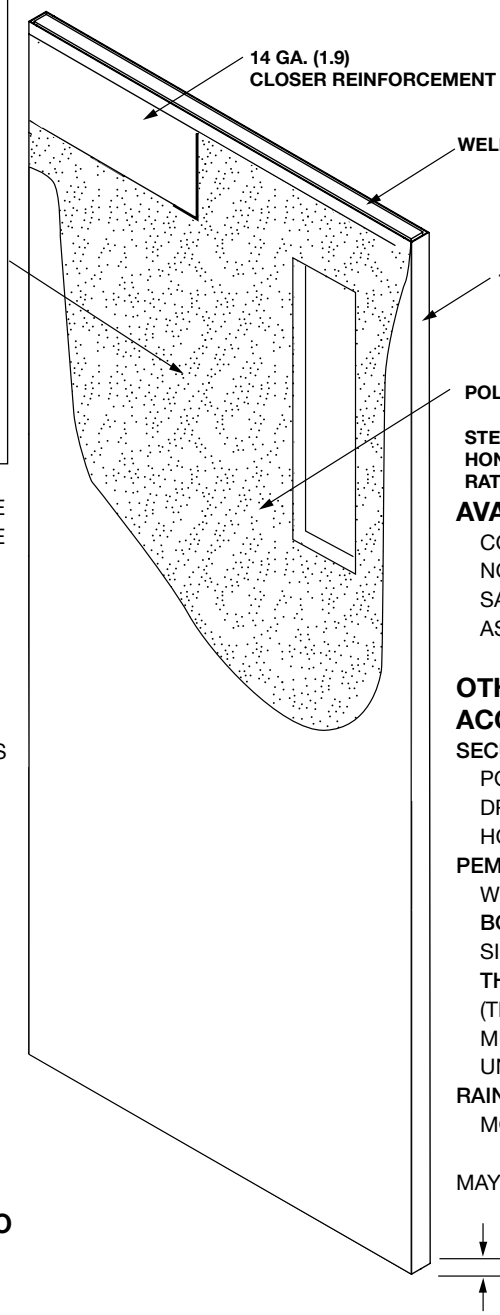
MULTIPLE LITES NOT ALLOWED

SQUARE HINGE EDGE
BEVEL 1/8" IN 2" ON LOCK EDGE

CORBIN RUSSWIN FE6600 AND SARGENT FM7300 CONCEALED VERTICAL RODS, TOP AND BOTTOM BOLTS, AND MORTISE LOCK BODY CASSETTE MUST BE FACTORY INSTALLED IN A CURRIES STORMPRO DOOR. CURRENT ORDERING PROCESS DOES NOT CHANGE: DOORS AND FRAMES ARE ORDERED THROUGH THE DOOR BRANDS AND HARDWARE IS ORDERED THROUGH THE HARDWARE BRANDS. THE DOOR PRICE INCLUDES COST OF HARDWARE COMPONENT INSTALLATION INTO THE DOOR. THE MORTISE LOCK BODY, TRIM, LEVERS, AND ALL OTHER HARDWARE COMPONENTS ARE ORDERED BY THE CUSTOMER, SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN AND RECOMMENDED TO BE FIELD INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN THE DOOR OR THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

INSWING OR OUTSWING



14 GA. (1.7) DEFAULT STANDARD, 12 GA.(2.1) OPTIONAL FACE SKINS; COLD ROLLED OR GALVANNEALED (A60)

AVAILABLE DOOR CLOSERS:
CORBIN RUSSWIN DC8000
NORTON 7500
SARGENT 281
ASSA ABLOY ACCENTRA 4400

OTHER HARDWARE ACCESSORIES:
SECURITRON:
POWER TRANSFER: CEPT
DPS: DPS-M -3/4"
HOLD OPEN: MODEL 998
PEMKO:
WEATHERSTRIPS: MODEL S773,
BOTTOM SWEEP: MODEL 345 (THREAT SIDE ONLY)
THRESHOLD: MODEL 2715 (THRESHOLD HEIGHT AT THE DOOR MUST BE LESS THAN THE DOOR UNDERCUT)
RAIN DRIP:
MODEL 346 (THREAT SIDE ONLY)

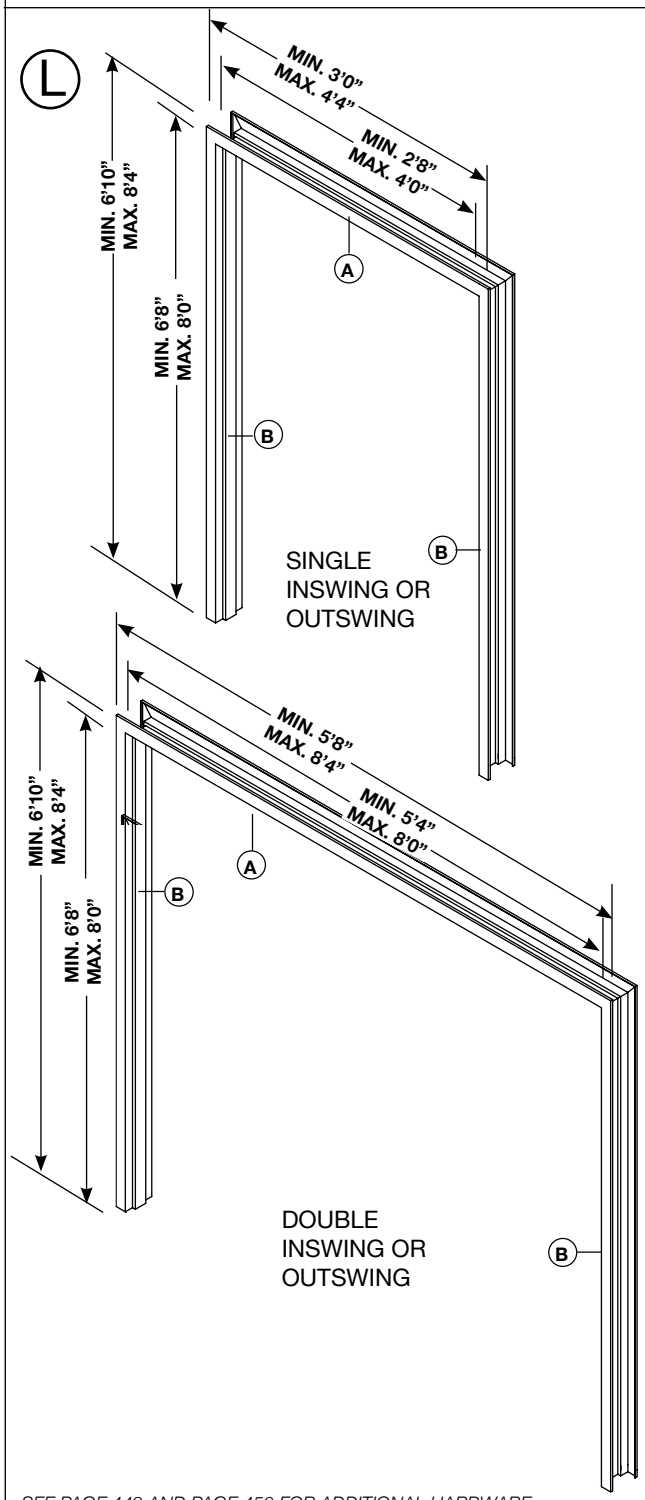
MAY BE INSTALLED IN A FOUR SIDED FRAME

SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
NOT AVAILABLE WITH BUY AMERICA PROJECTS.

STORMPRO® FRAME CONSTRUCTION

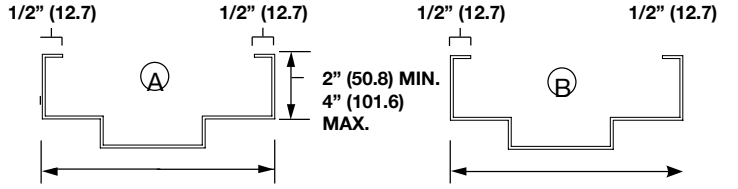
STORMPRO DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/-341 PSF)
STATIC DESIGN PRESSURE (MIN. +/-284 PSF)
FOR USE WITH CORBIN RUSSWIN FE6600 OR SARGENT FM7300 MULTI-POINT LOCK
MEETS FEMA P361 (2021) AND ICC 500-2014 / ICC 500-2020 (T8)

OR WEMA ANCHORS ARE ORDERED.
FRAMES MUST BE INSTALLED AND ANCHORED PER SUBMITTAL PAGES.
WALLS CONSTRUCTED AS DESCRIBED IN FEMA P361 (DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS).



SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS. DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES. DESIGN PRESSURE MAY BE LIMITED TO +/-252 PSF AND TEST PRESSURE MAY BE LIMITED TO +/-302 PSF. ASSEMBLIES MAY BE LIMITED TO 3'0" X 7'0" MINIMUM SIZE.

CORBIN RUSSWIN FE6600 SARGENT FM7300
ONLY AVAILABLE WITH CURRIES HINGE LOCATIONS
3 HINGES REQUIRED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT



4" MIN - 14" MAX - SINGLE RABBET
4-1/4" MIN - 14" MAX - UNEQUAL RABBET
5-5/8" MIN - 14" MAX - EQUAL RABBET

4" MIN - 14" MAX - SINGLE RABBET
4-1/4" MIN - 14" MAX - UNEQUAL RABBET
5-5/8" MIN - 14" MAX - EQUAL RABBET

FRAMES ARE 14 GAUGE (1.9) DEFAULT STANDARD, 12 GAUGE (2.1) OPTIONAL, A60, KD OR FACTORY FACE WELDED CORNER CONSTRUCTION.COMMUNICATING FRAME OPTION AVAILABLE. SEE PAGE 442, PAGE 443, AND PAGE 444. FOUR SIDED FRAME OPTIONAL FOR SHUTTER APPLICATIONS OVER 6'8" HEIGHTS

HINGES:
4-1/2" X 4-1/2" HEAVYWEIGHT +
5" X 4-1/2" HEAVYWEIGHT +

+ MCKINNEY SP 3386 OR SP 3786

CAN BE FIRE RATED UP TO 180 MINUTES - EXCLUDING DOORS WITH NON FIRE RATED 4" X 25" FACTORY INSTALLED GLASS.

JAMB ANCHOR OPTIONS:
MASONRY - "T" ANCHORS
MASONRY - WIRE ANCHORS
WELDED EXISITING OPENING PREPS WITH BOLTS

WELDED WPS OR WEMA ANCHORS.
WPS AND WEMA ANCHORS MUST BE WELDED AT THE FACTORY.
MASONRY EXPANSION SHELL ANCHOR BOLT INCLUDED WHEN WPS

CORBIN RUSSWIN FE6600 AND SARGENT FM7300 CONCEALED VERTICAL RODS, TOP AND BOTTOM BOLTS, AND MORTISE LOCK BODY CASSETTE MUST BE FACTORY INSTALLED IN A CURRIES STORMPRO DOOR. CURRENT ORDERING PROCESS DOES NOT CHANGE: DOORS AND FRAMES ARE ORDERED THROUGH THE DOOR BRANDS AND HARDWARE IS ORDERED THROUGH THE HARDWARE BRANDS. THE DOOR PRICE INCLUDES COST OF HARDWARE COMPONENT INSTALLATION INTO THE DOOR. THE MORTISE LOCK BODY, TRIM, LEVERS, AND ALL OTHER HARDWARE COMPONENTS ARE ORDERED BY THE CUSTOMER, SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN AND RECOMMENDED TO BE FIELD INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN THE DOOR OR THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

STORMPRO® 361 DOOR CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 341 PSF)
STATIC DESIGN PRESSURE (MIN. +/- 284 PSF)
CORBIN RUSSWIN FE6600 , SARGENT FM7300
MEETS FEMA P361 (2021) AND ICC 500-2014 / ICC 500-2020 (T8)

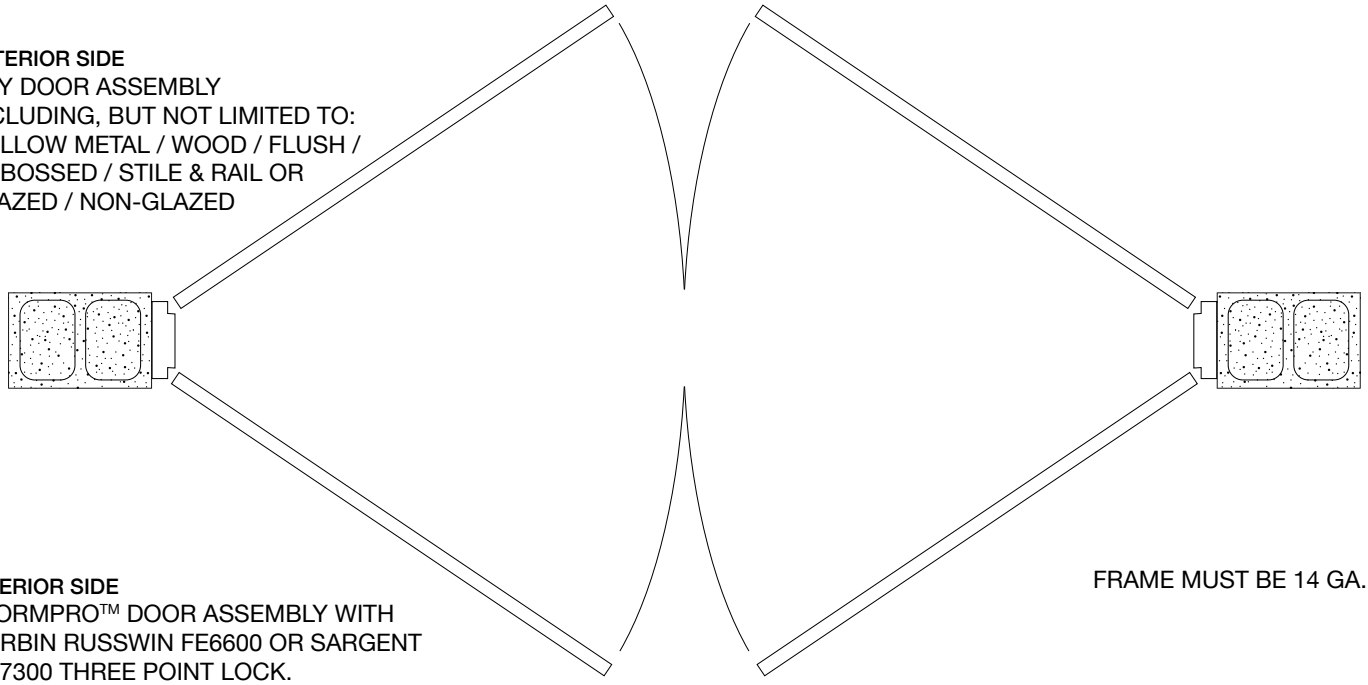
Tornado

COMMUNICATING FRAME PAIRS OF DOORS

CORBIN RUSSWIN FE6600
SARGENT FM7300
3 HINGES REQUIRED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT

EXTERIOR
(THREAT) SIDE OF SHELTER

EXTERIOR SIDE
ANY DOOR ASSEMBLY
INCLUDING, BUT NOT LIMITED TO:
HOLLOW METAL / WOOD / FLUSH /
EMBOSSED / STILE & RAIL OR
GLAZED / NON-GLAZED



FRAME MUST BE 14 GA.

INTERIOR SIDE
STORMPRO™ DOOR ASSEMBLY WITH
CORBIN RUSSWIN FE6600 OR SARGENT
FM7300 THREE POINT LOCK.
STORMPRO™ DOOR MAY BE FLUSH
OR GLAZED (FV 10" X 10" OR 4" X 25"
ONLY) GLASS IS FACTORY INSTALLED.

INTERIOR
(SAFE) SIDE OF SHELTER

JAMB DEPTH FOR COMMUNICATING FRAME IS DICTATED BY THE CLEARANCE REQUIRED FOR TRIM ON BOTH DOORS. BOTH DOORS MUST BE ABLE TO BE FULLY CLOSED AND LATCHED.

FRAME MUST BE ANCHORED IN ACCORDANCE WITH ICC 500 REQUIREMENTS.

EITHER OR BOTH PAIR OF DOORS MAY BE FIRE REATED - EXCLUDING DOORS WITH NON FIRE RATED 4" X 25" FACTORY INSTALLED GLASS.

DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.
DESIGN PRESSURE MAY BE LIMITED TO +/-252 PSF AND TEST PRESSURE MAY BE LIMITED TO +/-302 PSF. GLAZED DOOR NOT AVAILABLE FOR BUY AMERICA PROJECTS. MINIMUM LEAF SIZE MAY BE LIMITED TO 3'0" X 7'0".

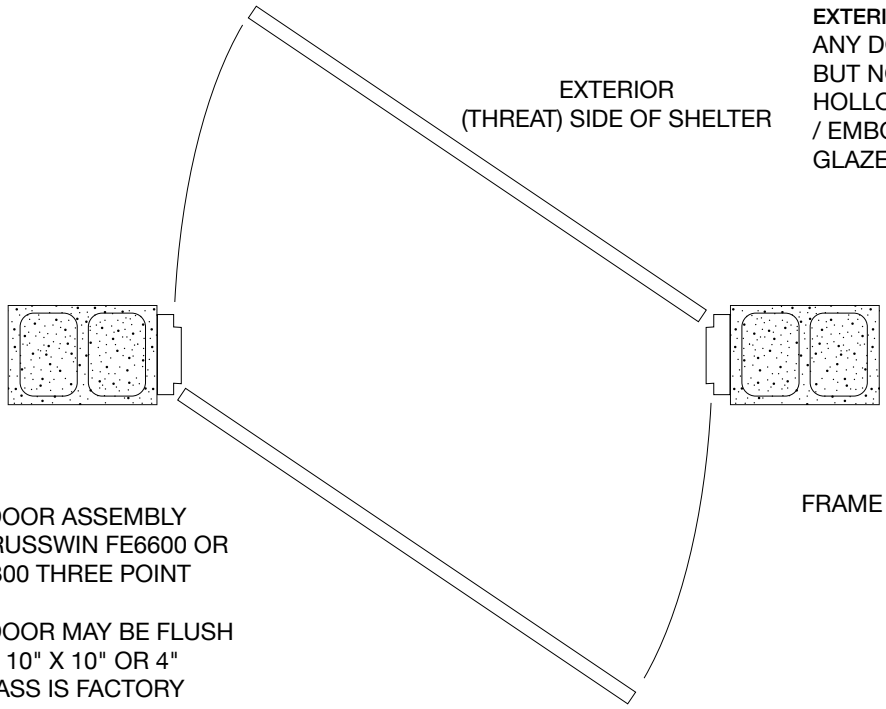
STORMPRO® 361 FRAME CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 341 PSF)
STATIC DESIGN PRESSURE (MIN. +/- 284 PSF)
CORBIN RUSSWIN FE6600 , SARGENT FM7300
MEETS FEMA P361 (2021) AND ICC 500-2014 / ICC 500-2020 (T8)

Ⓛ

COMMUNICATING FRAME OPPOSITE JAMB SWING

CORBIN RUSSWIN FE6600B SARGENT FM7300
3 HINGES REQUIRED FOR DOORS LESS THAN 7’0” IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7’0” TO 8’0” IN HEIGHT



EXTERIOR SIDE
ANY DOOR ASSEMBLY INCLUDING, BUT NOT LIMITED TO:
HOLLOW METAL / WOOD / FLUSH / EMBOSSED / STILE & RAIL OR GLAZED / NON-GLAZED

INTERIOR SIDE
STORMPRO™ DOOR ASSEMBLY WITH CORBIN RUSSWIN FE6600 OR SARGENT FM7300 THREE POINT LOCK.
STORMPRO™ DOOR MAY BE FLUSH OR GLAZED (FV 10" X 10" OR 4" X 25" ONLY) GLASS IS FACTORY INSTALLED.

FRAME MUST BE 14 GA.

JAMB DEPTH FOR COMMUNICATING FRAME IS DICTATED BY THE CLEARANCE REQUIRED FOR TRIM ON BOTH DOORS. BOTH DOORS MUST BE ABLE TO BE FULLY CLOSED AND LATCHED.

FRAME MUST BE ANCHORED IN ACCORDANCE WITH ICC 500 REQUIREMENTS.

EITHER OR BOTH PAIR OF DOORS MAY BE FIRE REATED - EXCLUDING DOORS WITH NON FIRE RATED 4" X 25" FACTORY INSTALLED GLASS.

DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.

DESIGN PRESSURE MAY BE LIMITED TO +/-252 PSF AND TEST PRESSURE MAY BE LIMITED TO +/-302 PSF. GLAZED DOOR NOT AVAILABLE FOR BUY AMERICA PROJECTS. MINIMUM LEAF SIZE MAY BE LIMITED TO 3’0” X 7’0”.

STORMPRO® 361 DOOR CONSTRUCTION

STORMPRO 361 DOOR AND FRAME ASSEMBLY
STATIC TEST PRESSURE (+/- 341 PSF)
STATIC DESIGN PRESSURE (MIN. +/- 284 PSF)
CORBIN RUSSWIN FE6600 , SARGENT FM7300
MEETS FEMA P361 (2021) AND ICC 500-2014 / ICC 500-2020 (T8)

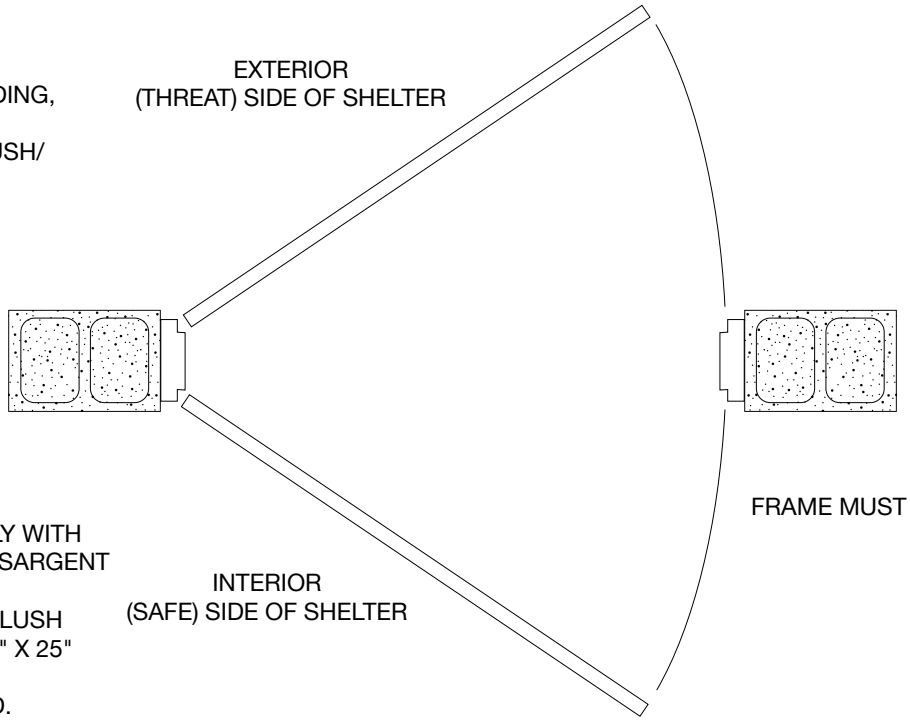
Tornado

Ⓛ

COMMUNICATING FRAME OPPOSITE JAMB SWING

CORBIN RUSSWIN FE6600 SARGENT FM7300
3 HINGES REQUIRED FOR DOORS LESS THAN 7'0" IN HEIGHT
4 HINGES REQUIRED FOR DOORS 7'0" TO 8'0" IN HEIGHT

EXTERIOR SIDE
ANY DOOR ASSEMBLY INCLUDING, BUT NOT LIMITED TO:
HOLLOW METAL / WOOD / FLUSH/ EMBOSSED / STILE & RAIL OR GLAZED / NON-GLAZED



INTERIOR SIDE
STORMPRO™ DOOR ASSEMBLY WITH CORBIN RUSSWIN FE6600 OR SARGENT FM7300 THREE POINT LOCK.
STORMPRO™ DOOR MAY BE FLUSH OR GLAZED (FV 10" X 10" OR 4" X 25" ONLY)
GLASS IS FACTORY INSTALLED.

JAMB DEPTH FOR COMMUNICATING FRAME IS DICTATED BY THE CLEARANCE REQUIRED FOR TRIM ON BOTH DOORS. BOTH DOORS MUST BE ABLE TO BE FULLY CLOSED AND LATCHED.

FRAME MUST BE ANCHORED IN ACCORDANCE WITH ICC 500 REQUIREMENTS.

EITHER OR BOTH PAIR OF DOORS MAY BE FIRE REATED - EXCLUDING DOORS WITH NON FIRE RATED 4" X 25" FACTORY INSTALLED GLASS.

DESIGN PRESSURES, ASSEMBLY CONSTRUCTION AND MANUFACTURING LOCATION MAY VARY TO COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGULATIONS, TRADE AGREEMENTS OR AQUISITION POLICIES.

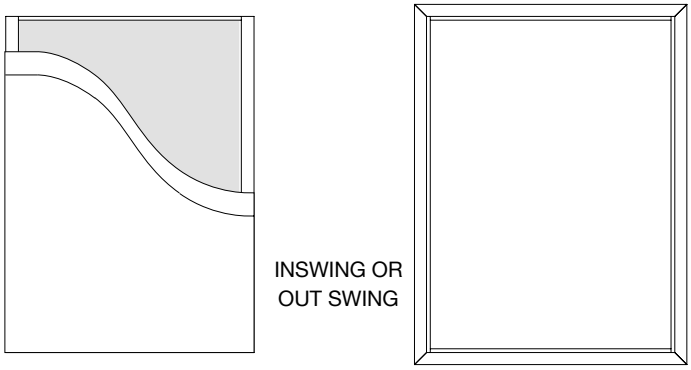
DESIGN PRESSURE MAY BE LIMITED TO +/-252 PSF AND TEST PRESSURE MAY BE LIMITED TO +/-302 PSF.
GLAZED DOOR NOT AVAILABLE FOR BUY AMERICA PROJECTS. MINIMUM LEAF SIZE MAY BE LIMITED TO 3'0" X 7'0".

STORMPRO® WINDOW SHUTTER

STORMPRO WINDOW SHUTTER
DOOR AND FRAME ASSEMBLY
UL CERTIFIED SINGLE SHUTTER - MAY BE FIRE RATED
STATIC TEST PRESSURE (+/- 340 PSF)
STATIC DESIGN PRESSURE (+/- 284 PSF)
100 MPH IMPACT WITH 15 LB 2” X 4”
MEETS FEMA P361 (2021) AND ICC 500-2014 / ICC 500-2020 (T8)
SINGLES AND PAIRS

CORBIN RUSSWIN FE6700SARGENT FM6100

HINGES LOCATIONS ARE 9" FROM THE HEAD 9" FROM THE SILL AND CENTERED IN BETWEEN



DOOR

- 14 GA. (1.7) A60 DEFAULT STANDARD, 12 GA (2.1) OPTIONAL SKINS
- OPTIONAL COLD ROLLED SKINS (CRS)
- FLUSH ONLY
- SINGLE: 2'6" X 3'0" MIN. TO 4'0" X 6'8" MAX.
- PAIR: 5'2" X 3'0" MIN. TO 8'2" X 6'8"
- CONTINUOUS WELD EDGE
- 1/4" UNDERCUT REQUIRED
- 14 GA. END CHANNEL
- WELDED END CAP
- T WELDED SEAMLESS EDGES

HARDWARE

- CORBIN RUSSWIN FE 6700, SARGENT FM6100, CONCEALED MULTI-POINT LOCK*
- PAIRS REQUIRE FE6700 OR FM6100 LOCKS ON BOTH LEAVES
- MARKAR HG305 AND HG305WT10 CONTINUOUS HINGE
- MCKINNEY SP3386 BUTT HINGES 4-1/2" X 4-1/2"
- INCLUDING WIDE THROW OPTION
- MCKINNEY SP3786 BUTT HINGES 4-1/2" X 4-1/2"
- INCLUDING WIDE THROW OPTION
- 3 MORTISE HINGES ON HEIGHTS FROM 4'0" THROUGH 5'0"
- 4 MORTISE HINGES ON HEIGHTS GREATER THAN 5'0" THROUGH 6'8"

OPTIONAL HARDWARE:

- HES CEPT POWER TRANSFER
- SECURITRON DPS-M 3/4" DIAMETER POSITION SWITCH
- PEMKO S773 WEATHER-STRIP, 345 BOTTOM SWEEP; 346 RAIN
- DRIP (SWEEP AND RAIN DRIP ON IMPACT SIDE ONLY)
- SARGENT 281, CORBIN RUSSWIN DC8000, NORTON 7500,
- ASSA ABLOY ACCENTRA 4400 CLOSERS
- RIXSON 988 ELECTROMAGNETIC HOLDER
- ROCKWOOD 491S OR 494S MECHANICAL HOLDER
- ROCKWOOD 620 AND 622 VIEWER

* LOCK LOCATED AT CENTERLINE OF FRAME OPENING HEIGHT.
[A] REFERENCE STORMPRO 361 DOOR AND FRAME MULTI-POINT LOCK CONSTRUCTION (PAGE 440-PAGE 444 FOR SIZES GREATER THAN 6'8" IN HEIGHT)

FRAME

- 14 GA. (1.7) A60 DEFAULT STANDARD, 12 GA (2.1) OPTIONAL MASONRY
- PAIRS REQUIRE 12 GA. (2.1) FACTORY WELDED HOLLOW METAL MULLION
- OPTIONAL COLD ROLLED STEEL (CRS)
- 4" - 7" JAMB DEPTH MINIMUM 2” FACE REQUIRED
- FACTORY WELDED CONSTRUCTION REQUIRED
- JAMB ANCHOR OPTIONS:
  - MASONRY “T” ANCHORS
  - MASONRY WIRE ANCHORS
  - WPS OR WEMA
- WPS OR WEMA ANCHORS MUST BE WELDED AT THE FACTORY. MASONRY EXPANSION SHELL ANCHOR BOLTS INCLUDED WHEN WPS OR WEMA ANCHORS ARE ORDERED
- WINDOW OPTION ON OPPOSITE DOOR RABBET
- OPTIONAL 3 SIDED FRAME AVAILABLE FOR SINGLES ONLY

SEE PAGE 449 AND PAGE 450 FOR ADDITIONAL HARDWARE, HINGE AND ACCESSORY OPTIONS.
NOT AVAILABLE FOR BUY AMERICA PROJECTS.

ADDITIONAL HARDWARE OPTIONS

*NOTES: * THE SPECIFICATION WRITER SHOULD VERIFY THE CLOSER/HOLDER/STOP IS COMPATIBLE FOR USE WITH COMMUNICATING FRAMES/DOORS.*
** PAIRS WITH HARDWARE MULLION - FRAME DEPTH WILL BE LIMITED BY THE MULLION. CONTACT THE HARDWARE MULLION MANUFACTURER FOR FRAME DEPTH LIMITATIONS.*

Product Type	Manufacturer	Model/Series	FM7000, FE6800 CONCEALED MULTI POINT LOCK ZHLA 45 & 61	FE6700 & FM6100 SHUTTER ZHLA 46	FM8700, FM-PE8700 PED5400 SURF. VERT. ROD ZHLA 47 & 64	FE5400S SURFACE MULTIPOINT EXIT ZHLA 51 & 65	MEDECO DEADBOLTS ZHLA 53 & 54
Deadbolt Sargent Strike		(3) Sargent 78-0034-5333 Strike					X
Door Closers	Sargent	281 Series, 351 EHT Closer/Holder, or 2409 Series Closer/Holder - Thru-bolt mounting of body to door only	X	X	X	X	X
		2900 Series Closer/Holder - Threat side mounting only	X	X	X	X	X
		2900 Series Closer/Holder - Threat side mounting only	X	X	X	X	X
	Corbin Russwin	DC8000 Series - Thru-bolt mounting of body to door only	X	X	X	X	X
	Norton	7500 Series or 7700PT Series Closer/Holder - Thru-bolt mounting of body to door only	X	X	X	X	X
		7100SZ Series Closer/Holder or 7200 Series Closer/Holder - Threat side mounting only	X	X	X	X	X
	ASSA ABLOY ACCENTRA 4400 Series - Thru-bolt mounting of body to door only		X	X	X	X	X
Door Coordinator	Rockwood	576 - Outswing only	X	X	X	X	
		1700 or 2600 Series (with or without 2601 Brackets or 1100 Carry Open Bar option) - Inswing only	X	X	X	X	
Door Holder	Rixson	980M, 990M, 991M, 996M, 997M, 998/998M, or 999M Electromechanical - Thru-bolt mounting only	X	X	X	X	X
	Sargent	1560, 1561, or 1562 Electromechanical - Thru-bolt mounting only	X	X	X	X	X
	Rockwood	491S or 494S Mechanical (Not bearing the UL Mark)	X	X	X	X	X
Door Operators	Norton	5600 Series, 5700 Series, 6000 Series, or 6300 Series - Threat side mounting only	X	X	X	X	X
		5800 Series - Thru-bolt mounting of body to door only (Not bearing the UL Mark)	X	X	X	X	X
Door Position Switch	Securitron	DPS-M - 3/4" or 1" diameter hole in edge or top of door and frame (Not bearing the UL Mark)	X	X	X	X	X
Door Stop/Holder	Rixson	9 Series Mechanical	X	X	X	X	X
Door Viewer	Rockwood	620 or 622	X	X	X	X	X
Electronic power transfer	Securitron	CEPT (Edge or top of door and frame)	X	X	X	X	X
		ICPT (Edge or top of door and frame)	X	X	X	X	X
Floor Strike	Sargent	655			X		
Mullion	Sargent	HC980 or 12-HC980			X		
	Corbin Russwin Inc	FE707A or FE708A			X		
Perimeter Seals	Pemko	S77, S771, S771x6, S772, S773, S776, S776x6, HS2000, HS2000xS44, HS2000xS88, 5110, P240, P241 P242, P243, P244, P260, P261, P262, P263, P264, P265, P266, P380, P381, P382, P384, P385, P386, P387, P388,P390, P391, P392, P393, P394, P396, P397, P398, P484, P490, P491, P493, or P497 (with _NB, _S, _PK, _V, _R, _Q, SSE, SSR, SSS, SSN, _SPK, _P, CN, or _N Suffixes) Adhesive Applied Perimeter Seals	X	X	X	X	X
		29045 29344, 29346,45041,45061,45100,45137,45175,45250,45400,46062,90041,90062,90100,90137, 285, 290,294, 296,297,303,305,306, 309,312,315,316,319,321,322, 330,332,345,350,351,375,379, 2815, 2891 2892, 2893, 2902, 2903, 3151, 3452, 18041, 18050, 18061, 18062, 18100, 18137, 18175, 18250, 18400, 28945, 29310, 29313, 29324, 29326, 293100, 335,336,368,307, 308, 56, or 57 (with _NB, _S, _PK, _V, _R, _Q, SSE, SSR, SSS, SSN, _SPK, _P, CN, _N or _M Suffixes) Screw Applied Perimeter Seals - Threat side mounting only	X	X	X	X	X
		346 Rain Drip - Threat side mounting only	X	X	X	X	X
Protection	Rockwood	K1050 Kick Plate (For fire-rated assemblies, must be screw applied)	X	X	X	X	X
		BFLG1050 Series Rod Guard (For fire-rated assemblies, must be screw applied)			X	X	
	Von Duprin	LGO-3 or LGO-4 Latch Guard (must be screw applied)			X	X	
Thresholds	Pemko	173, 151,270, 271,272,276, 573, 2715, 2716, 2748, 2749, 2750, 273x3, 273x4, 2746x6, or 274x4 (with or without _FG, _SS, or _SSFG Suffixes) Saddle Thresholds - Floor Strike must be mounted directly to structural floor	X		X	X	X
		166, 154, 169, 170, 171, 172, 175, 176, 1547, 1710, 1715, 1716, 1717, 1718, 1719, 2548, 2549, 2550, 252x2, 252x3, 253x3, 253x4, 253x6, 254x4, 254x5,2 55x5, 256x6 (with or without _FG, _SS, or _SSFG Suffixes) Saddle Thresholds - Floor Strike must be mounted directly to structural floor			X	X	X
		157, 158, 2727, or 766x5 (with or without _FG or _SS Suffixes)	X		X	X	X
		Offset Saddle Thresholds - Floor Strike must be mounted directly to structural floor			X	X	X
		182 or 566x3 (with or without _FG or _SS Suffixes) Offset Saddle Thresholds - Floor Strike must be mounted directly to structural floor			X	X	X
		273, 274, 278, 279, 2746, or 2755 (with or without _SS Suffix) Half Saddle Thresholds - Floor Strike must be mounted directly to structural floor	X		X	X	X
		252, 253, 254, 255, 256, 2555, or 2565 (with or without _SS Suffix) Half Saddle Thresholds - Floor Strike must be mounted directly to structural floor			X	X	X
		766 Offset Half Saddle Threshold - Floor Strike must be mounted directly to structural floor	X		X	X	X
		566 Offset Half Saddle Threshold - Floor Strike must be mounted directly to structural floor			X	X	X
		2001, 2005, 2006, 2007, 2008, 2009, 2010, 2705, 273x224, 273x292, 2746x292, 274x224, 274x292, 278x224, 278x292, 279x224, or 279x292 (with or without _FG, _FGT, _FGP, _FGPK,_FGV, _P, _PK, _R, _SSFG, _STC, _T, or _V Suffixes) Latching Panic Exit Saddle Thresholds - Floor Strike must be mounted directly to structural floor	X		X	X	X
		159, 177, 179, 277, 1855, 252x226, 253x226, 254x226, or 255x226 (with or without _FG, _FGT, _FGP, _FGPK,_FGV, _P, _PK, _R, _SSFG, _STC, _T, or _V Suffixes) Latching Panic Exit Saddle Thresholds - Floor Strike must be mounted directly to structural floor			X	X	X
		18/1 or 14/1 Plate Thresholds - Floor Strike must be mounted directly to structural floor	X		X	X	X

ADDITIONAL HARDWARE OPTIONS

OPTIONAL WITH ALL STORMPRO ASSEMBLIES

CONTINUOUS HINGES
- MARKAR HG305, HG322, FM/SC325 SWING CLEAR, HG326 SWING CLEAR, HG329 SWING CLEAR, FM344, FM600, FM3500, HG315, HG3505
- MARKAR FM300, FS301, FS302, HS303, HM304, HG306, FS/SC309 SWING CLEAR, HG310 SWING
- CLEAR, HG311 SWING CLEAR, FS321, FS3501, FS3502 CONTINUOUS HINGE (OUTSWING ONLY)

NOTE: A CONTINUOUS HINGE REQUIRES A CONTINUOUS HINGE REINFORCEMENT IN DOOR AND FRAME. OPTIONAL WHERE AVAILABLE. EL, POE, HT, WELDED-END-PIN, SECURITY STUD, TAMPER-PROOF FASTENERS

WIDE THROW CONTINUOUS HINGES
- MARKAR HG305WT10 WIDE THROW HINGE WITH OR WITHOUT EL OPTION
- MARKAR FM300WT WIDE THROW HINGE (WT10 THRU WT50) OUTSWING ONLY WITH OR WITHOUT EL OPTION

NOTE: A CONTINUOUS HINGE REQUIRES A CONTINUOUS HINGE REINFORCEMENT IN DOOR AND FRAME. OPTIONAL WHERE AVAILABLE. EL, POE, HT, WELDED-END-PIN, SECURITY STUD, TAMPER-PROOF FASTENERS

HEAVY WEIGHT STANDARD AND WIDE THROW FULL MORTISE BUTT HINGES
- MCKINNEY SP3786 (4-1/2” X 4-1/2” X .180 OR 5” X 4-1/2” X .190)
- MCKINNEY SP3386 (4-1/2” X 4-1/2” X .180 OR 5” X 4-1/2” X .190)
- MCKINNEY SP3386 & SP3786 F4-1/2” X 5”, 4-1/2” X 6”, 4-1/2” X 7”, 4-1/2” X 8”, 5” X 4-1/2”, 5’-- X 5”, 5” X 5”, 5” X 7” & 5” X 8”)
- MCKINNEY SP3386 & SP3786 WITH OR WITHOUT QC OPTION.
- MCKINNEY SP3386 & SP3786 WITH OR WITHOUT NRP

NOTE: WHEN BUTT HINGES ARE APPLIED TO ASSEMBLIES WITH FM8700, FM-PE8700, PED5400 FE, FE5400S, FE6600 AND FE7300 SERIES LATCHING HARDWARE ON HEIGHTS 7’0” AND ABOVE (4) HINGES ARE REQUIRED. BELOW 7’0” HEIGHT (3) HINGES ARE REQUIRED.

WIRE HARNESS
- QC-C1500P ELECTROLYNX WIRE HARNESS

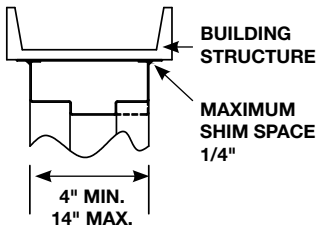
NOTE: WIRE HARNESS MUST BE FACTORY INSTALLED.

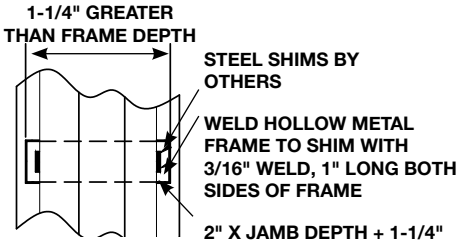
ELECTRONIC POWER TRANSFER
- CEPT, HANCHETT ENTRY SYSTEMS, DBA SECURITRON MAGNALOCK CORP.

NOTE: ELECTRONIC POWER TRANSFER MUST BE FACTORY PREPARED.

STORMPRO® ANCHORING LOCATIONS

1-3/4" STORMPRO™ 320 & 361 TORNADO RESISTANT DOOR & FRAME ANCHOR LOCATIONS
UL CLASSIFIED TO ICC 500-2014 AND ICC 500-2020, FEMA P-361 (2021) AND FEMA P-320 (2014) ANCHORING BY WELDING TO BUILDING STRUCTURE





18 GA. MIN. -1/4" MAX. THICK A36 STEEL SHIMS UNDER FRAME. WELD PERIMETER OF 5/8" X 2" X 5/8" ENDS OF SHIMS TO STRUCTURAL BUILDING MEMBER WITH FILLET WELDS SIZED AS FOLLOWS USING E6018 ELECTRODES. FILLET WELD SIZE SAME AS SHIM THICKNESS FOR 0.053" TO 0.125" SHIM THICKNESS. WELD SIZE 1/8" FOR 0.125" TO 1/4" SHIM THICKNESS.

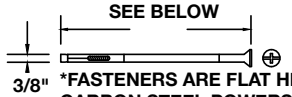
FRAME HEAD (AND OPTIONAL FRAME SILL) ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIRS	**APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE**	WELDED TO THE BUILDING STRUCTURE	MINIMUM OF 5 WELD LOCATIONS & MUST WELD ON BOTH FACES OF THE FRAME HEAD & SILL AT EACH LOCATION; ONE LOCATION AT THE CENTERLINE OF THE DOOR MEETING EDGES. 2 ARE LOCATED 6" FROM THE CENTERLINE OF THE DOOR MEETING EDGES & 2 WELDS ARE LOCATED 6" FROM EACH DOOR JAMB RABBET.
SINGLES	**APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE**	WELDED TO THE BUILDING STRUCTURE	MINIMUM OF 2 WELD LOCATIONS REQUIRED. LOCATIONS ARE 6" FROM EACH DOOR JAMB RABBET. MUST WELD ON BOTH FACES OF THE FRAME HEAD & SILL AT EACH LOCATION.

JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLES & PAIRS	**APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE**	WELDED TO THE BUILDING STRUCTURE	WELD LOCATIONS, MAXIMUM OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET AND 24" MAX. ON CENTER. MUST WELD ON BOTH FACES OF THE FRAME AT EACH LOCATION.

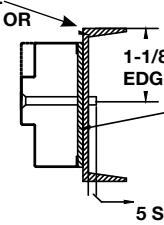
SEE APPROPRIATE PAGES TO MATCH HARDWARE AND SIZE INFORMATION. FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN WELDED TO BUILDING STRUCTURE.



***FASTENERS ARE FLAT HEAD ZINC PLATED CARBON STEEL POWERS LOK-BOLT AS EXPANSION BOLTS FOR MASONRY. FASTENER LENGTH: 3/8" X 6" STEEL BOLT**

1/4" MIN. STEEL (A36) EMBEDMENT PLATE OR HOST STRUCTURE FRAME BACKBENDS MUST BE FULLY SUPPORTED BY SHIMS OR STRUCTURAL WALL

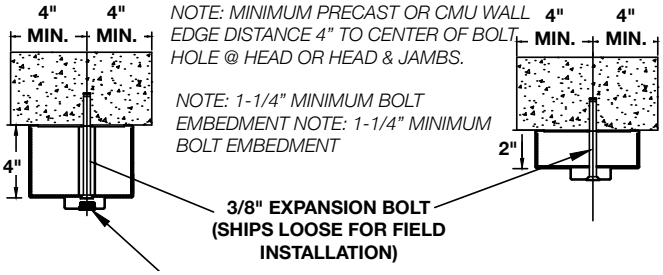
3/8" SMS/SELF DRILLING SCREW/ UNC BOLT (BY OTHERS)



SCREW ATTACHMENT THROUGH EXISTING EMBEDMENT PLATE PROVIDED THAT DRILLING THROUGH PLATE IS PERMISSIBLE AS VERIFIED BY OTHERS.

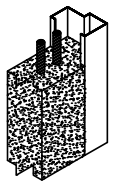
4" FACE FRAME HEAD ANCHORING

2" FACE FRAME HEAD & JAMB ANCHORING



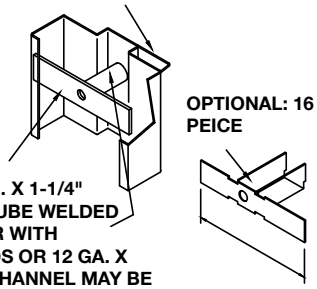
VINYL CAP PLUG
VINYL CAP PLUG (BAG OF 10) PART # 6111049
VINYL CAP PLUG (BAG OF 100) PART # 6111050
(SHIPS LOOSE FOR FIELD INSTALLATION)

EXISTING OPENING -PIPE & PLATE FRAME NOT REQUIRED TO BE GROUTED

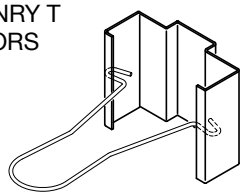


POURED IN PLACE WALL

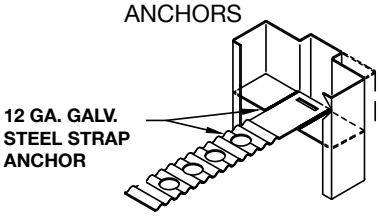
ALTERNATE PROFILE



MASONRY T ANCHORS



MASONRY T ANCHORS



THE THROAT OF THE FRAME JAMBS MUST BE FULLY GROUTED WITH MIN. 1800 PSI GROUT.

STORMPRO® ANCHORING LOCATIONS

1-3/4" STORMPRO™ 320 & 361 TORNADO RESISTANT DOOR & FRAME ANCHOR LOCATIONS UL CLASSIFIED TO ICC 500-2014 AND ICC 500-2020 (T8), FEMA P-361 (2021) AND ANCHORING BY WELDING TO BUILDING STRUCTURE

HEAD (AND OPTIONAL SILL WHERE AVAILABLE) ANCHOR LOCATIONS FOR FM7300/FE6600, FM8700, FE5400S, FM-PE8700, PED5400 FE & (3) MEDECO DEADBOLTS ASSEMBLIES

NOTE: FOR UNEQUAL WIDTH PAIRS; ANCHOR QUANTITY/SPACING FOR EACH SIDE OF THE CENTERLINE OF THE DOOR MEETING EDGES SHALL BE DETERMINED AS THOUGH THE LEAF SIZE WAS PART OF AN EQUAL WIDTH PAIR

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIRED OPENING	Approved min. opening size up to & including 6'0" X 7'0"	Existing Wall Anchors Powers 3/8" Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/ UNC Bolt	Minimum of 6 anchors. On both sides of the centerline of the door meeting edges: One each located at 8" and 15" from the centerline ofthe door meeting edges. 2 anchors required 6" from each door jamb rabbet.
	Greater than 6'0" x 7'0" and up to and including 7'0" X 7'0"	Existing Wall Anchors Powers 3/8"Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/ UNC Bolt	Minimum of 8 anchors. On both sides of the centerline of the door meeting edges: One each located at 8", 15", and 22" from the centerline of the door meeting edges. 2 anchors required 6" from each door jamb rabbet.
	Greater than 7'0" x 7'0" and up to and including 8'0" X 8'0"	Existing Wall Anchors Powers 3/8" Lok-Bolt AS Sleeve Anchor OR 3/8" SMS/Self Drilling Screw/UNC Bolt	Minimum of 8 anchors. On both sides of the centerline of the door meeting edges: One each located at 8", 15" and 24" from the centerline of the door meeting edges. 2 anchors required 6" from each door iamb rabbet.
SINGLE OPENING	Approved min. opening size up to & including x 6" 4'0" X 8'0"	Existing Wall Anchors Powers 3/8"Lok-Bolt AS Sleeve EXPANSION BOLT OR 3/8" SMS/Self Drilling Screw/ UNC Bolt	Minimum of 2 anchors required. Locations are 6" from each door jamb rabbet. When anchors are located in the door rabbet and latching hardware is FM7300/FE6600, the anchor at the lock jamb side will be located at 9".

ANCHORS MAY BE INSTALLED THROUGH EXISTING EMBEDMENT PLATES, PROVIDED THAT DRILLING THROUGH EXISTING EMBEDMENT PLATES IS PERMISSIBLE AS VERIFIED BY OTHERS. ANY EXISTING EMBEDMENT PLATES SHALL BE DESIGNED AND VERIFIED BY OTHERS. FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS.

JAMB ANCHOR LOCATIONS FOR FM7300/FE6600, FM8700, FE5400S & (3) MEDECO DEADBOLT ASSEMBLIES

EXISTING OPENING & SCREW FASTENED JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIRED OPENING	Approved min. opening size up to and including 6'0" X 7'0"	Existing Wall Anchors Powers 3/8" x 6" Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/UNC Bolt	Maximum of 8" from the sill, maximum of 4" from the head rabbet, and 24" maximum on center.
	Greater than 6'0" x 7'0" up to and including 7'0" X 7'0"	Existing Wall Anchors Powers 3/8" x 6" Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/UNC Bolt	Maximum of 8" from the sill, maximum of 4" from the head rabbet, and 21" maximum on center.
	Greater than 7'0" x 7'0" up to and including 8'0" x 8'0"	Existing Wall Anchors Powers 3/8" x 6" Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/UNC Bolt	Maximum of 8" from the sill, maximum of 4" from the head rabbet, and 18" maximum on center.
SINGLE OPENING	Approved min. opening size up to and including 3'0" X 7'0"	Existing Woll Anchors Powers 3/8" x 6" Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/UNC Bolt	Maximum of 8" from the sill, maximum of 4" from the head rabbet, and 21" maximum on center.
	Greater than 3'0" x 7'0" and up to and including 4'0" X 8'0"	Existing Woll Anchors Powers 3/8" x 6" Lok-Bolt AS Sleeve Anchor or 3/8" SMS/ Self Drilling Screw/UNC Bolt	Maximum of 8" from the sill, maximum of 4" from the head rabbet, and 18" maximum on center.

12 GAUGE MASONRY "T" ANCHORS & WIRE MASONRY ANCHORS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIRED OPENING	Approved min. opening size up to and including max. opening size	12 GA. MASONRY T ANCHORS	Maximum of 8" from the sill, maximum of 6" from the head rabbet, and 24" maximum on center.
SINGLE OPENING	Approved min. opening size up to and including max. opening size	12 GA. MASONRY T ANCHORS	Maximum of 8" from the sill, maximum of 6" from the head rabbet, and 24" maximum on center.
PAIRED OPENING	Approved min. opening size up to and including 7'0" x 7'0"	WIRE MASONRY ANCHORS	Maximum of 12" from the sill, maximum of 10" from the head rabbet, and 16" maximum on center.
	Greater than 7'0" x 7'0" to and including 8'0" X 8'0"	WIRE MASONRY ANCHORS	Maximum of 12" from the sill, maximum of 10" from the head rabbet, and 14" maximum on center.
SINGLE OPENING	Approved min. opening and up size up to and including 3'0" X 7'0"	WIRE MASONRY ANCHORS	Maximum of 12" from the sill, maximum of 10" from the head rabbet, and 18" maximum on center.
	Greater than 3'0" x 7'0" to and including 4'0" X 8'0"	WIRE MASONRY ANCHORS	Maximum of 8" from the sill, maximum of 10" from the head rabbet, and 12" maximum on center.

STORMPRO® HURRICANE AND TORNADO PROTECTIVE SYSTEMS

UL LISTED TO ICC 500- 2014 SINGLES AND PAIRS AND ICC 500-2020 (T7) SINGLES AND PAIRS AND FBC APPROVED

FRAMES FOR SARGENT FM8700 SERIES SURFACE VERTICAL ROD EXIT DEVICE: (OUTSWING)

- SINGLE OPENINGS MIN. 3'0" X 6'8" THRU 4'0" X 8'0"
- PAIRED OPENINGS MIN. 6'0" X 6'8" THRU 8'0" X 8'0"
- EQUAL RABBET 5-3/4" MIN. - 14" MAX. DEPTH
- UNEQUAL RABBET 5-3/4" MIN. - 14" MAX. DEPTH
- SINGLE RABBET 4" MIN. - 14" DEPTH

FRAMES FOR CORBIN RUSSWIN FE5400S SERIES MULTI-POINT EXIT DEVICE: (OUTSWING)

- SINGLE OPENINGS MIN. 3'0" X 6'8" THRU 4'0" X 8'0"
- PAIRED OPENINGS MIN. 6'0" X 6'8" THRU 8'0" X 8'0"
- EQUAL RABBET 5-1/2" MIN. - 14" MAX. DEPTH
- UNEQUAL RABBET 5-1/2" MIN. - 14" MAX. DEPTH
- SINGLE RABBET 4" MIN. - 14" DEPTH SINGLES
- PAIRS WITH HARDWARE MULLION, FRAME DEPTH WILL BE LIMITED BY THE MULLION
- CONTACT THE HARDWARE MULLION MANUFACTURER FOR FRAME DEPTH LIMITATIONS

FRAMES FOR CORBIN RUSSWIN FE6600 SERIES OR SARGENT FM7300 SERIES MULTI-POINT LOCK ASSEMBLY(INSWING OR OUTSWING)

- SINGLE OPENINGS MIN. 2'8" X 6'8" THRU 4'0" X 8'0"
- PAIRED OPENINGS MIN. 5'4" X 6'8" THRU 8'0" X 8'0"
- EQUAL RABBET 4-5/8" MIN. - 14" MAX. DEPTH
- UNEQUAL RABBET 4-1/4" MIN. - 14" MAX. DEPTH
- SINGLE RABBET 4" MIN. - 14" MAX. DEPTH
- UNEQUAL RABBET FRAMES WITH EXISTING OPENING ANCHORS THE MIN. DEPTH IS 4-5/8"
- EQUAL RABET FRAMES WITH EXISTING OPENING ANCHORS THE MIN. DEPTH IS 5"
- 4-SIDED FRAMES ARE OPTIONAL

COMMUNICATING FRAMES FOR CORBIN RUSSWIN FE6600 SERIES OR SARGETN FM7300 SERIES MULTI-POINT LOCK ASSEMBLY (STORMPRO DOOR HANDING, INSWING ONLY)

- SINGLE OPENINGS MIN 2'8" X 6'8" THRU 4'0" X 8'0"
- PAIRED OPENINGS MIN. 5'4" X 6'8" THRU 8'0" X 8'0"
- EQUAL RABBET 4-5/8" MIN. - 14" MAX. DEPTH
- EQUAL RABBET FRAMES WITH EXISTING OPENING ANCHORS THE MIN. DEPTH IS 5"
- 4-SIDED FRAMES ARE NOT ALLOWED
- WHEN DETERMINING FRAME DEPTH, CONSIDERATION SHOULD BE GIVEN REGARDING IF THE DEPTH WILL ACCOMMODATE HARDWARE INSTALLED ON BOTH THE PASSAGE DOOR AND STORMPRO DOOR
- MINIMUM FRAME DEPTHS SHOWN ON THIS PAGE ARE FOR STORMPRO LIMITS, BUT MAY NOT ACCOMMODATE HAREDWARE INSTALLED ON BOTH THE STORMPRO AND PASSAGE DOOR

THE BELOW INFORMATION APPLIES TO ALL OF THE ABOVE FRAME ASSEMBLIES

- VERTICAL JAMBS ARE 2" FACE, FRAME HEADS ARE 2" FACE STANDARD THRU 4" FACE OPTIONAL
- FRAMES ARE 14 GAUGE (OPTIONAL 12 GAUGE) HOT DIPPED A60 GALVANNEALED OR COLD ROLLED STEEL
- FRAME DEPTHS AVAILABLE IN 1/8" INCREMENTS
- BACKBENDS FOR SU SERIES 5-3/4" DEPTH MAY BE 7/16", WITH 4-7/8" THROAT
- SMALLER DEPTHS MAY REQUIRE EXISTING OPENING ANCHORS TO BE LOCATED ON THE DOOR RABBET
- FRAMES MAY BE KNOCK DOWN OR WLEDED CORNERS (12 GAUGE IS WELDED)
- APPROVED OPTIONAL HARDWARE AND ACCESSORIES ARE LISTED ON WINDSTORM SECTION PAGE 449 AND PAGE 450
- SEE WINDSTORM SECTION PAGE 451 AND PAGE 452 FOR ALL ANCHOR TYPES, QUANTITIES AND LOCATIONS
- EXISTING OPENING ANCHORS ARE REQUIRED IN THE FRAME HEAD, UNLESS ANCHORING IS WELD TO BUILDING STRUCTURE
- FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS OR WHEN WELDED TO BUILDING STRUCTURE
- 7'0" HEIGHTS AND ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES. BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES
- FRAME STOP HEIGHT IS 5/8"

EXCLUDED FROM USE AS AN EXTERIOR ACCESS IN HVHZ WHEN STORM SHELTER IS CONSTRUTED WITHIN A HOST BUILDING

UL CLASSIFIED TO:

- ICC 500 - ICC/NSSA STANDARD FOR THE DESIGN AND CONSTRUCTION OF "STORM SHELTERS"
- FEMA P-361 - SAFE ROOMS FOR TORNADOES & HURRICANES: GUIDANCE FOR COMMUNITY AND RESIDENTIAL SAFE ROOMS

APPROVAL	IMPACT	DESIGN (PSF)
ICC 500	15 LB. LUMBER 2X4 MISSILE IMPACT AT 100 MPH	+/-227
FLORIDA BUILDING CODE FL 40296	15 LB. LUMBER 2X4 MISSILE IMPACT AT 100 MPH	+/-227

ASSEMBLIES MAY NOT COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGUALTIONS, TRADE AGREEMENTS OR ACQUISITION POLICIES.

DESIGNED TO ENDURE HURRICANE AND TORNADO FORCE WINDS WITH FLYING DEBRIS. DEVELOPED TO RESIST MISSILE PENETRATION FOR USE IN BUILDINGS DESIGNED AS SHELTERS OR SAFE ROOMS TO PROTECT OCCUPANTS FROM INJURY.

STORMPRO® HURRICANE AND TORNADO PROTECTIVE SYSTEMS

UL LISTED TO ICC 500-2014 SINGLES AND PAIRS AND ICC 500-2020 (T7) SINGLES AND PAIRS AND FBC APPROVED

SARGENT FM8700 SERIES SURFACE VERTICAL ROD EXIT DEVICE: (OUTSWING)

- MIN. 3'0" X 6'8" MAX. 4'0" X 8'0" FLUSH SINGLES OR MIN. 6'0" X 6'8", MAX. 8'0" X 8'0" FLUSH PAIRS
- 14 GA. (OPTIONAL 12 GA.) A60 GALVANNELED OR COLD ROLLED FACE SHEETS
- 14 GA. TOP AND BOTTOM CHANNELS, WELDED TOP CAP AND STEEL STIFFENED CORE
- 3/8" DOOR UNDERCUT REQUIRED WHEN SARGENT 655 STRIKE IS USED
- 5/8" UNDERCUT REQURED WHEN SARGENT 653 STRIKE IS USED
- 1/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE. BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAGE STRIKE
- FLOOR MUST BE POURED LEVEL AND FRAME MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY
- (4) THERMAL PINS REQUIRED IN LOCK EDGE OF DOOR AND JAMB ON SINGLE FIRE RATED OPENINGS ONLY
- SEE HARDWARE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THERMAL PIN PREPARATION (PINS SUPPLIED BY OTHERS)

CORBIN RUSSWIN FE5400S SERIES MULTI-POINT EXIT DEVICE: (OUTSWING)

- MIN. 3'0" X 6'8" MAX. 4'0" X 8'0" FLUSH SINGLES OR MIN. 6'8", MAX. 8'0" X 8'0" FLUSH PAIRS
- 14 GA. (OPTIONAL 12 GA.) A60 GALVANNELED OR COLD ROLLED FACE SHEETS
- 14 GA. TOP AND BOTTOM CHANNELS, WELDED TOP CAP AND STEEL STIFFENED CORE
- 5/8" UNDERCUT REQURED
- 1/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE REQUIRED. BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAGE STRIKE
- FLOOR MUST BE POURED LEVEL AND FRAME MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY
- PAIRED ASSEMBLIES REQUIRE CORBIN RUSSWIN FE707A OR FE708A MULLION

CORBIN RUSSWIN FE6600 SERIES OR SARGENT FM7300 SERIES MULTI-POINT LOCK ASSEMBLY: (INSWING OR OUTSWING)

- MIN. 2'8" X 6'8", MAX. 4'0" X 8'0" FLUSH SINGLES OR MIN. 5'4" X 6'8", MAX. 8'0" X 8'0" FLUSH PAIRS
- 14 GA. (OPTIONAL 12 GA.) A60 GALVANNELED OR COLD ROLLED FACE SHEETS
- 14 GA. TOP AND BOTTOM CHANNELS, WELDED TOP CAP AND STEEL STIFFENED CORE
- INACTIVE DOOR TO HAVE SARGENT 988 OR CORBIN RUSSWIN 988CR SURFACE BOLTS
- 3/8" DOOR UNDERCUT REQUIRED
- 3/8" MAX. FROM BOTTOM OF DOOR TO TOP OF STRIKE
- WHEN USING 3-SIDED FRAMES, BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAGE STRIKE. BOTTOM STRIKE IS MANUFACTURED TO BE MORTISED IN FLOOR OR SURFACE MOUNTED
- FLOORS MUST BE POURED LEVEL AND FRAMES MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY
- 10 GA. FLAT PLAT ASTRAGAL STRIP IS OPTIONAL AND WOULD BE FACTORY ATTACHED WITH SCREWS TO THE THREAT SIDE OF THE ACTIVE OR INACTIVE DOOR, DEPENDING ON INSWING OR OUTSWING APPLICATION
- DOORS AND FRAMES MUS BE ORDERED AT THE SAME TIME
- COMMUNICATING OPENINGS ARE OPTIONAL. REFERENCE STORMPRO SECTION PAGE 446 AND PAGE 447 FOR SINGLE COMMUNICATING OPENINGS.

REFERENCE STORMPRO SECTION PAGE 445 FOR PAIRS OF COMMUNICATING OPENINGS. THE STORMPRO DOOR(S) ON COMMUNICATING OPENINGS ARE REQUIRED TO BE INSWING

THE BELOW INFORMATION APPLIES TO ALL OF THE ABOVE ASSEMBLIES

CLOSER:
APPROVED CLOSERS ARE LISTED ON STORMPRO SECTION PAGE 450

HINGES:
APPROVED HINGES ARE LISTED ON STORMPRO SECTION PAGE 450
7'0" HEIGHTS AND ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES,BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES

OPTIONAL HARDWARE AND ACCESSORIES:
APPROVED OPTIONAL HARDWARE AND ACCESSORIES ARE LISTED ON STORMPRO SECTION PAGE 449 AND PAGE 450

OPTIONAL FIRE RATING:
UP TO AND INCLUDING 3 HRS. IN ACCORDANCE WITH UL 10B, UL 10C, UL 1784, AND NFPA 252

CORBIN RUSSWIN FE6600 AND SARGENT FM7300 CONCEALED VERTICAL RODS, TOP AND BOTTOM BOLTS, AND MORTISE LOCK BODY CASETTE MUST BE FACTORY INSTALLED IN A CURRIES STORMPRO DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGETNT OR CORBIN RUSSWIN AND MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN DOOR & THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

UL CLASSIFIED TO:

- ICC 500 - ICC/NSSA STANDARD FOR THE DESIGN AND CONSTRUCTION OF "STORM SHELTERS"
- FEMA P-361 - SAFE ROOMS FOR TORNADOES & HURRICANES: GUIDANCE FOR COMMUNITY AND RESIDENTIAL SAFE ROOMS

APPROVAL	IMPACT	DESIGN (PSF)
ICC 500	15 LB. LUMBER 2X4 MISSILE IMPACT AT 100 MPH	+/-227
FLORIDA BUILDING CODE FL 40296	15 LB. LUMBER 2X4 MISSILE IMPACT AT 100 MPH	+/-227

EXCLUDED FROM USE AS AN EXTERIOR ACCESS IN HVHZ WHEN STORM SHELTER IS CONSTRUCTED WITHIN A HOST BUILDING. ASSEMBLIES MAY NOT COMPLY WITH DOMESTIC GOVERNMENT SOURCING REGUALTIONS, TRADE AGREEMENTS OR ACQUISITION POLICIES. DESIGNED TO ENDURE HURRICANE AND TORNADO FORCE WINDS WITH FLYING DEBRIS. DEVELOPED TO RESIST MISSILE PENETRATION FOR USE IN BUILDINGS DESIGNED AS SHELTERS OR SAFE ROOMS TO PROTECT OCCUPANTS FROM INJURY.

CURRIES

ASSA ABLOY

Specialty

Experience a safer
and more open world

TECH MANUAL

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737 BULLET RESISTANT LEVEL 1 & 2 DOOR DETAILS

RATINGS:
MPSA LEVEL 1 (MEDIUM POWER SMALL ARMS)
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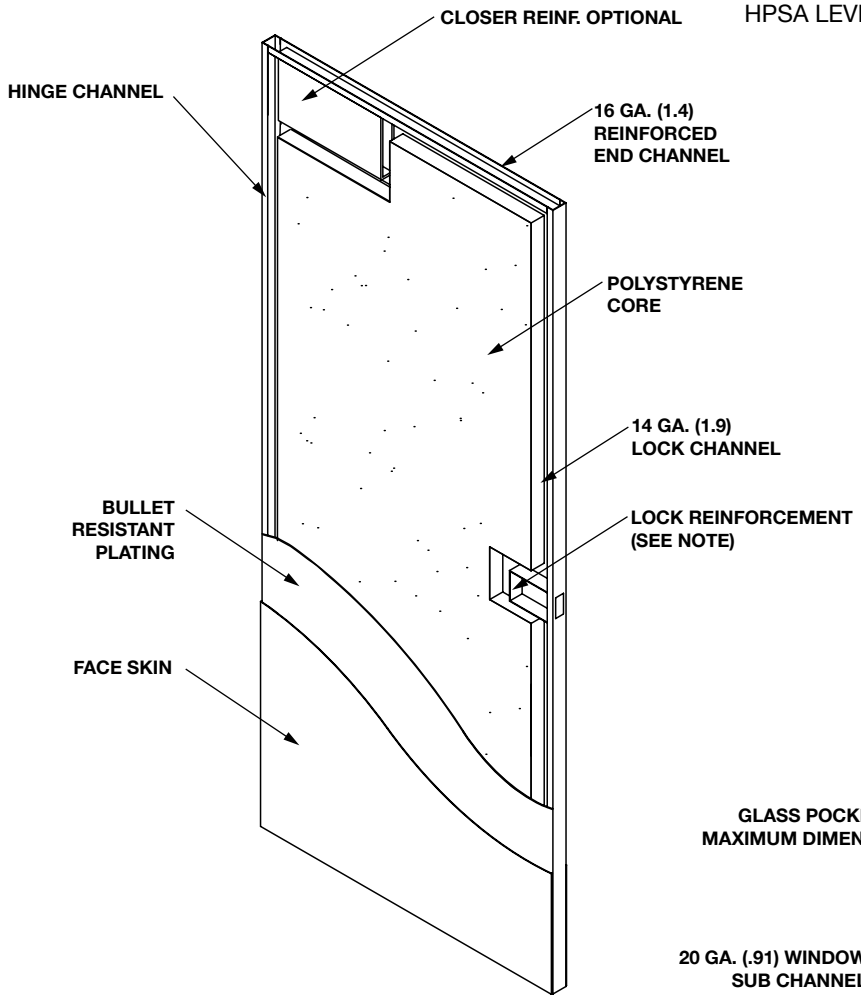
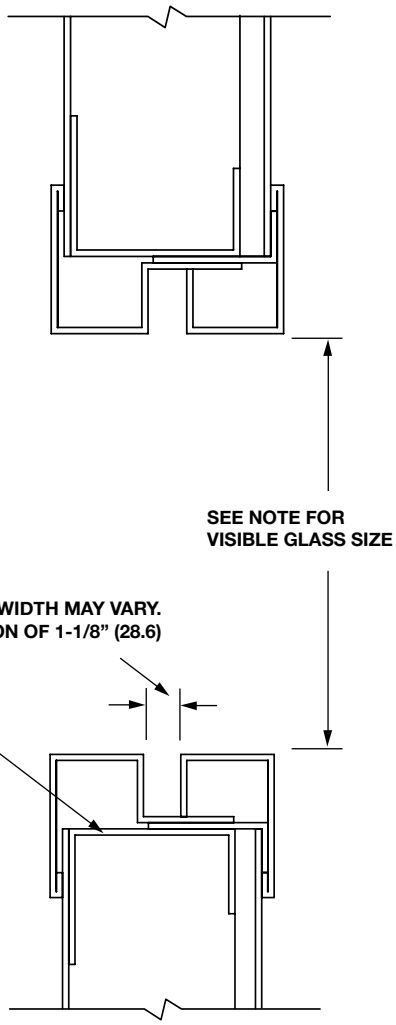


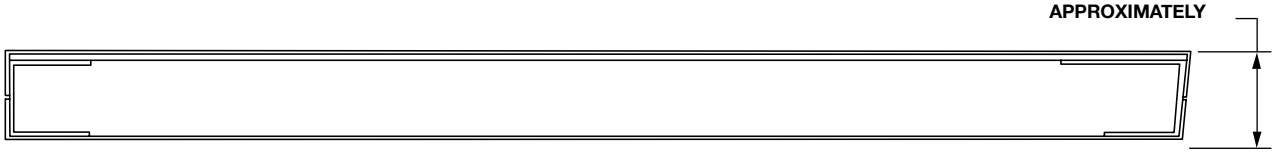


NOTES:

MAXIMUM SIZE:
4'0" (1219.2) WIDE X 10'0" (3048) HIGH. PAIRS WITH MULLIONS AVAILABLE.

HARDWARE:
CONTACT FACTORY FOR HARDWARE APPROVED FOR USE WITH THIS ASSEMBLY.

VISION PANELS:
FV1 = VISIBLE OPENING IS 12" (304.8) X 12" (304.8)
HG = SIZE VARIES
FG = SIZE VARIES

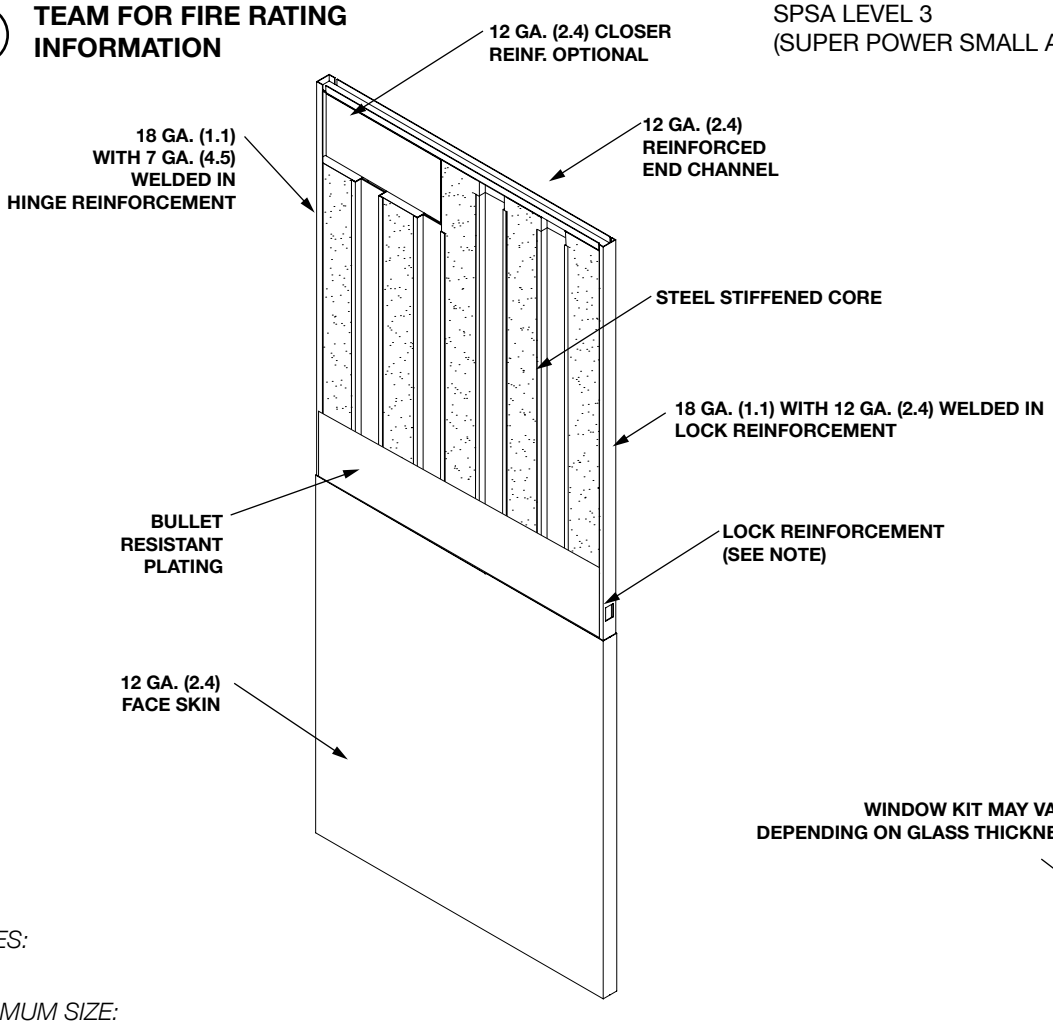


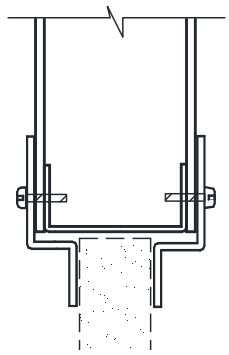
NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M12 SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

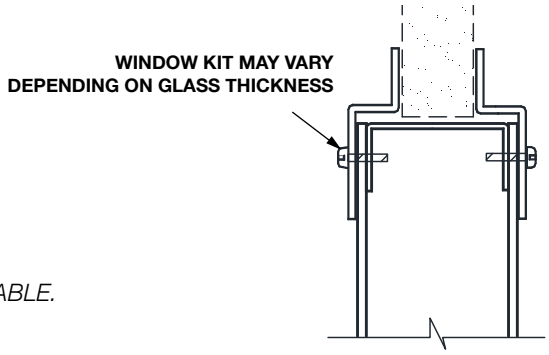
737 BULLET RESISTANT LEVEL 3 DOOR DETAILS

CONTACT SPECIALTY TEAM FOR FIRE RATING INFORMATION

RATINGS:
SPSA LEVEL 3
(SUPER POWER SMALL ARMS)







NOTES:

MAXIMUM SIZE:
4'0" (1219.2) WIDE X 10'0" (3048) HIGH. PAIRS WITH MULLIONS AVAILABLE.

HARDWARE:
MORTISE AND CYLINDRICAL LOCKS PER ANSI A156.115; RIM PANIC EXIT DEVICES PER ANSI A156.3, TYPE 1, 2, 3, AND 8. THROUGH BOLTED HARDWARE PREPARATIONS ARE FIELD MACHINED; HARDWARE MANUFACTURER IS RESPONSIBLE FOR VALIDATING BULLET RESISTANCE OF LOCK IF NOT USING THROUGH-BOLTED HARDWARE.

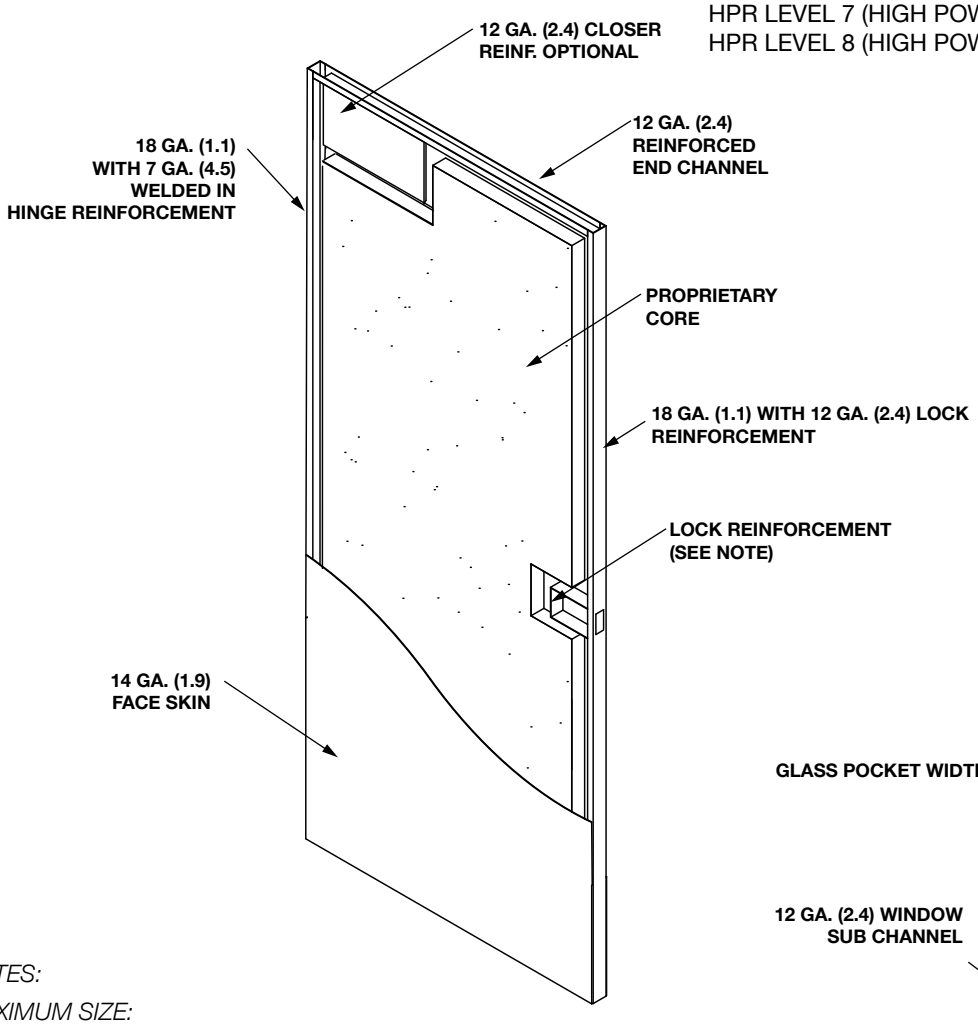
VISION PANELS (NON FIRE RATED):
FV1 = VISIBLE OPENING IS 12" (304.8) X 12" (304.8)
HG = SIZE VARIES
FG = SIZE VARIES

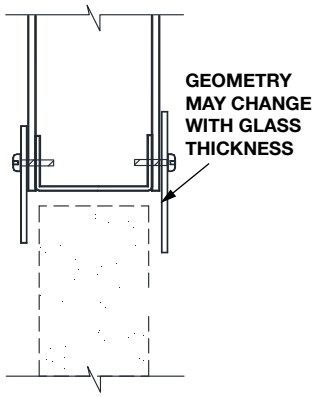
NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M12 SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

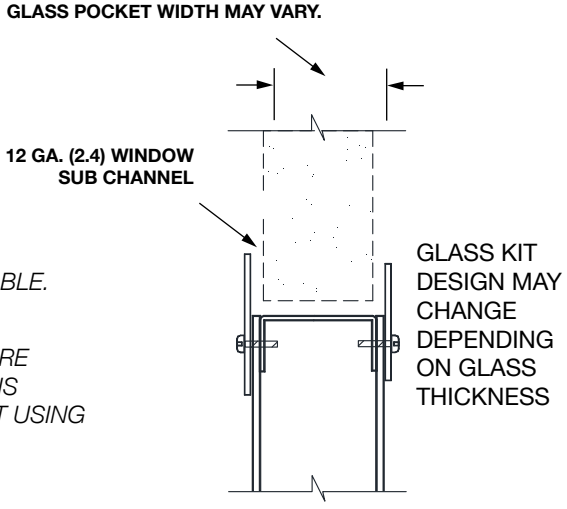
737 BULLET RESISTANT (LEVELS 4, 5, 6, 7, 8) DOOR DETAILS

CONTACT SPECIALTY TEAM FOR FIRE RATING INFORMATION

LEVEL 4-8 RATINGS:
HPR LEVEL 4 (HIGH POWERED RIFLE)
HPR LEVEL 5 (HIGH POWERED RIFLE)
MPSA LEVEL 6 (MEDIUM POWERED SMALL ARMS)
HPR LEVEL 7 (HIGH POWERED RIFLE)
HPR LEVEL 8 (HIGH POWERED RIFLE)





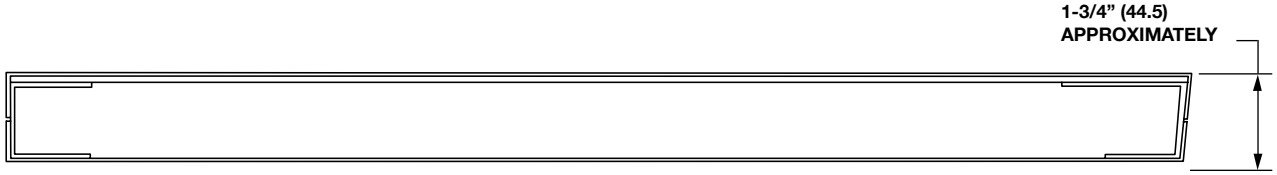


NOTES:

MAXIMUM SIZE:
4'0" (1219.2) WIDE X 9'0" (2743.2) HIGH. PAIRS WITH MULLION AVAILABLE.

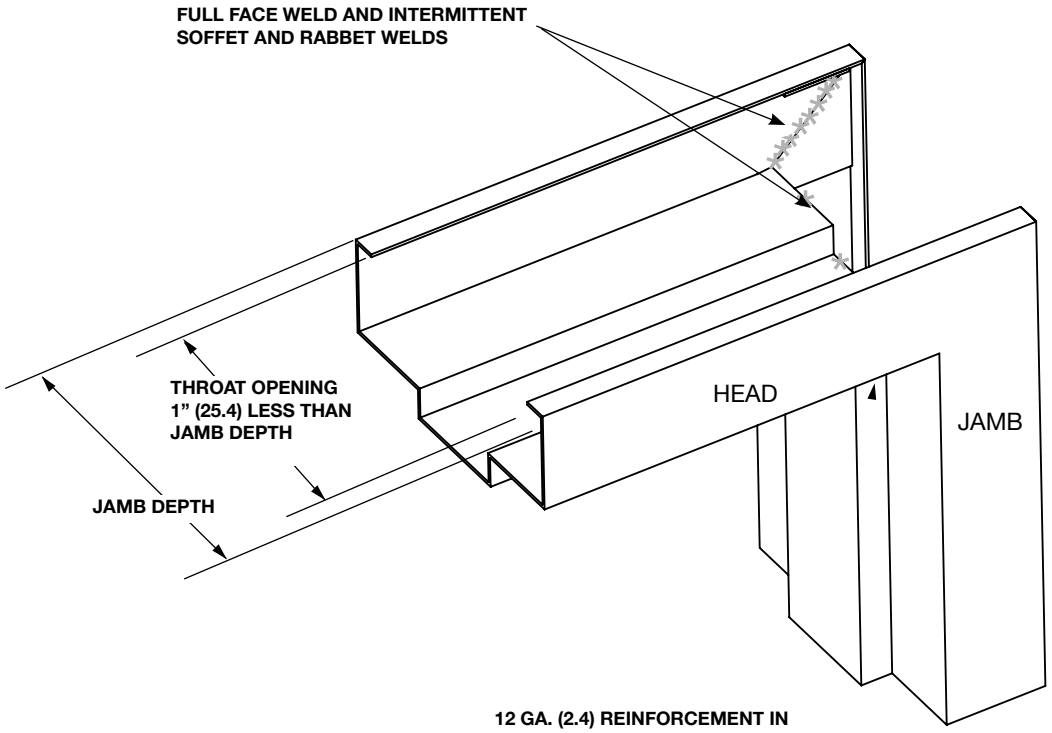
HARDWARE:
SURFACE MOUNTED HARDWARE, ONLY. THROUGH BOLTED HARDWARE PREPARATIONS ARE FIELD MACHINED; HARDWARE MANUFACTURER IS RESPONSIBLE FOR VALIDATING BULLET RESISTANCE OF LOCK IF NOT USING THROUGH-BOLTED HARDWARE.

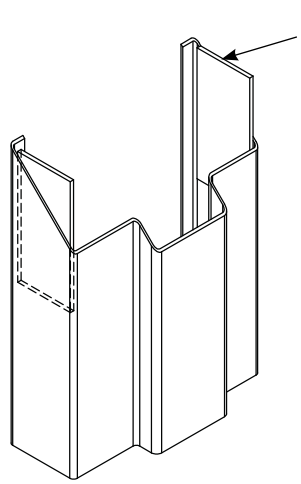
VISION PANELS (NON FIRE RATED):
FV1 = VISIBLE OPENING IS 12" (304.8) X 12" (304.8)
HG = SIZE VARIES
FG = SIZE VARIES



NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

BULLET RESISTANT FRAMES LEVEL 1-3





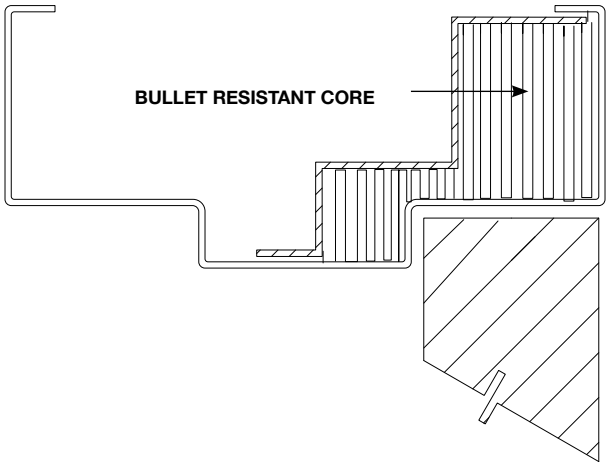
12 GA. (2.4) FRAME

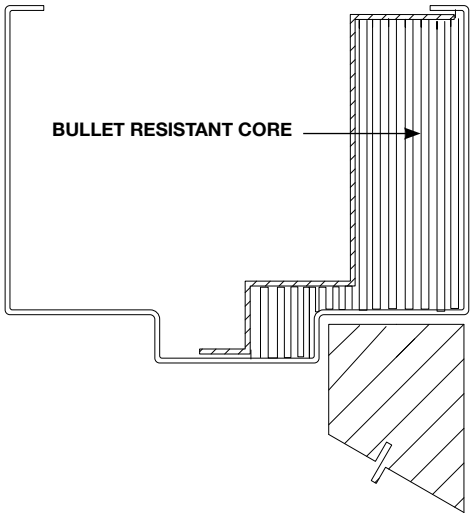
NOTE: SILENCERS AND HOSPITAL STOPS NOT AVAILABLE

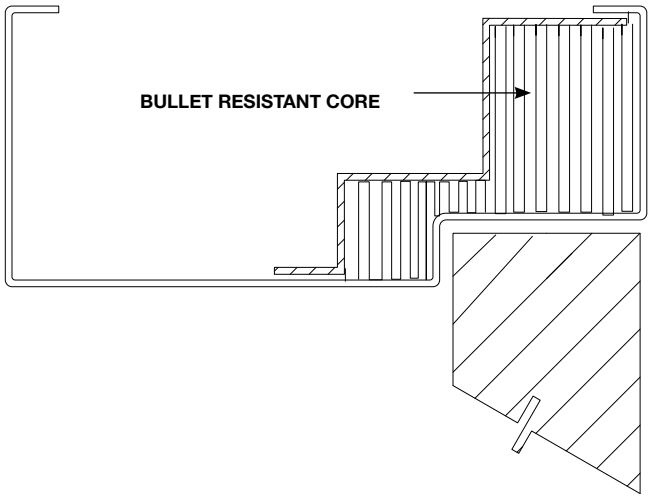
NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M12 SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"

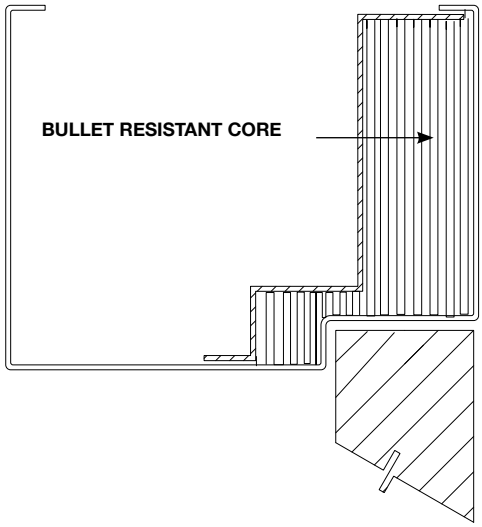
BULLET RESISTANT FRAMES LEVEL 4-8

NOTE: DOOR AND FRAME MUST BE FURNISHED AS A COMPLETE ASSEMBLY WITH FACTORY WELDED M OR G SERIES FRAME. TESTED IN ACCORDANCE AND COMPLIES WITH U.L. TEST STANDARD 752 "BULLET RESISTANT EQUIPMENT"



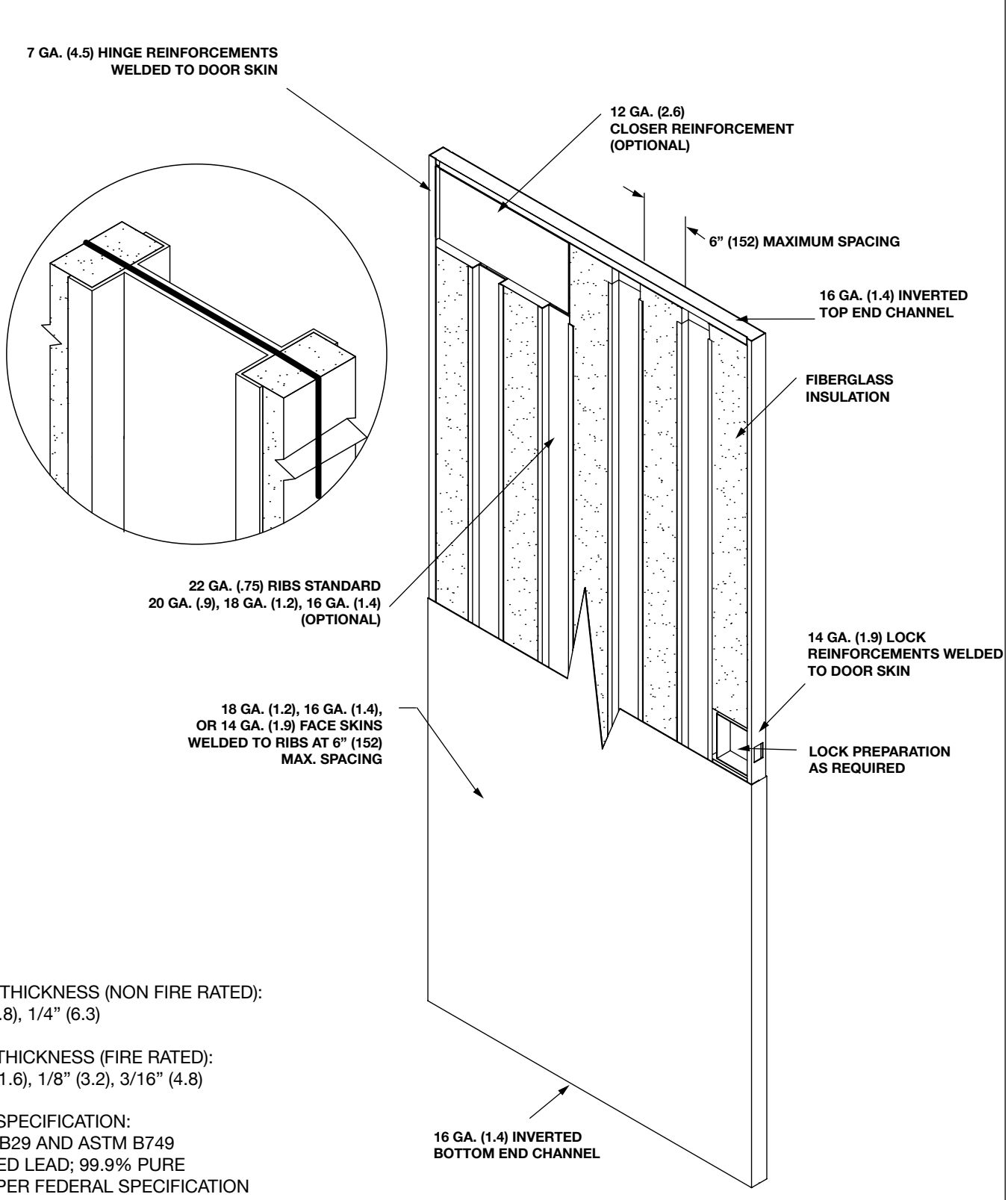






NOTES:
- FRAME IS 14 GA. (1.9)
- CONTINUOUS HINGE AND PIVOTS ONLY
- SILENCERS AND HOSPITAL STOPS NOT AVAILABLE

LEAD LINED DOOR CONSTRUCTION



LEAD THICKNESS (NON FIRE RATED):
1/32" (.8), 1/4" (6.3)

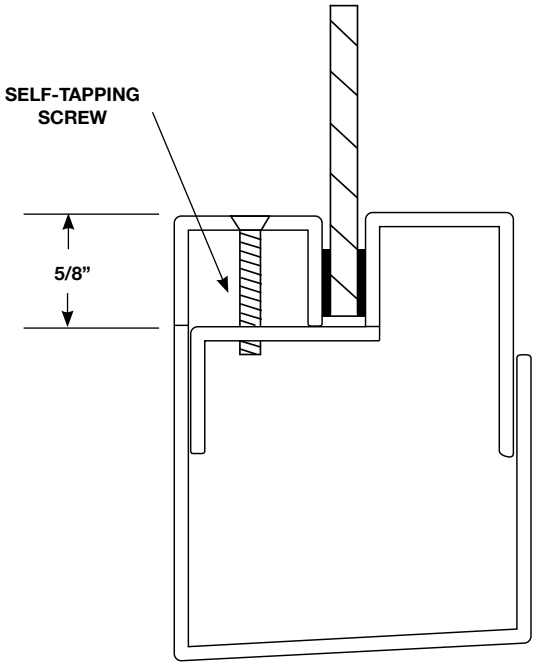
LEAD THICKNESS (FIRE RATED):
1/16" (1.6), 1/8" (3.2), 3/16" (4.8)

LEAD SPECIFICATION:
ASTM B29 AND ASTM B749
REFINED LEAD; 99.9% PURE
LEAD PER FEDERAL SPECIFICATION
QQ-L-201F, TYPE C

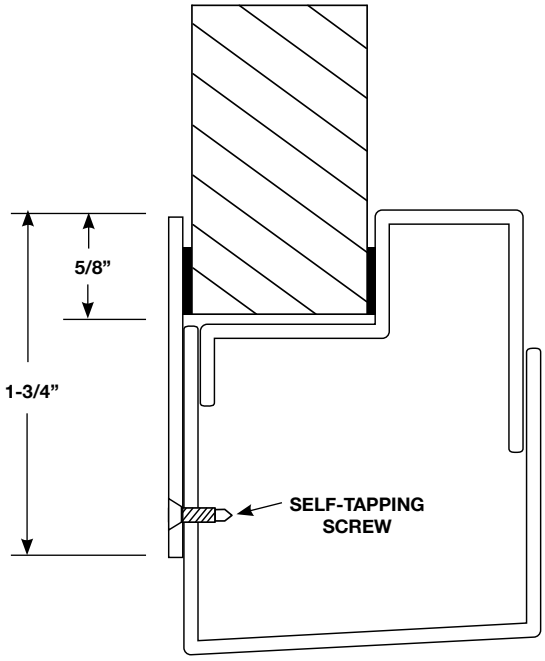
ADDITIONAL LEAD THICKNESSES ALSO AVAILABLE.
CONTACT FACTORY FOR DETAILS.

LEAD LINED GLASS MOULDING

Ⓛ



FOR 1/4” TO 5/8”
THICK GLASS



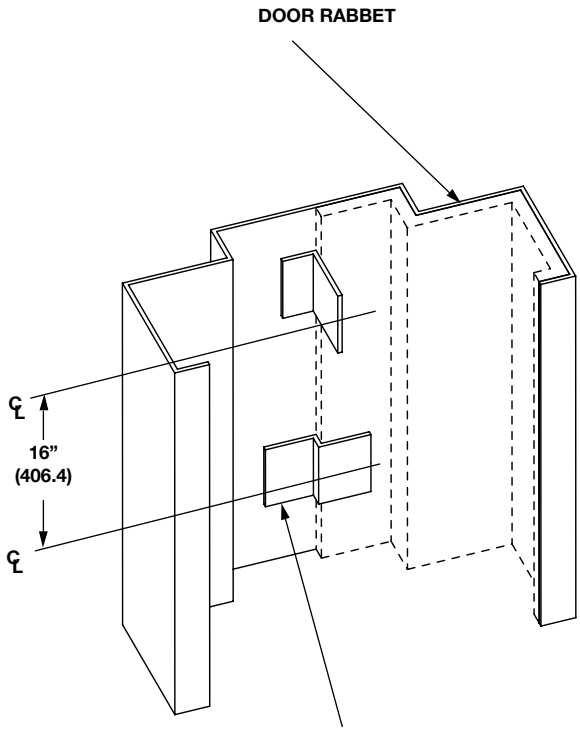
FOR 3/4” TO 1-1/4”
THICK GLASS

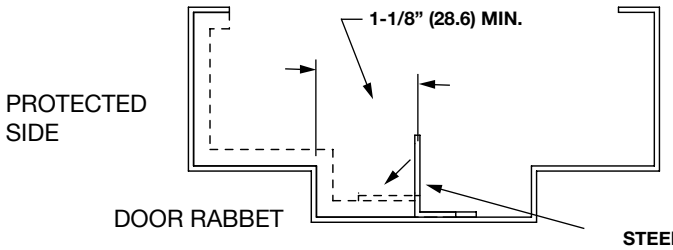
LEAD LINED FRAME CONSTRUCTION

FACTORY INSTALLED LEAD AVAILABLE IN 1/32", 1/16", 1/8" & 1/4" THICKNESS. LEAD WILL BE APPLIED ON THE FACE, RABBET AND SOFFIT OF FRAME.

UNLESS OTHERWISE NOTED:
RIGHT HAND OR LEFT HAND DOORS WILL HAVE LEAD INSTALLED ON DOOR FACE, RABBET AND SOFFIT OF FRAME. REVERSE HAND DOORS, THE LEAD WILL BE INSTALLED ON OPPOSITE DOOR FACE RABBET AND SOFFIT.

FRAMES WILL BE FACTORY WELDED WITH A CONTINUOUS WELD ALONG THE MITERED CORNERS. FRAMES ARE AVAILABLE IN M, G, DEM, C & CG. EQUAL RABBET ONLY.





STEEL CLIP IS BENT OVER TO RETAIN LEAD LINING

LEAD THICKNESS:
1/32" (.8), 1/16" (1.5),
1/8" (3.2), 1/4" (6.3)

LEAD SPECIFICATION:
ASTM B29 AND ASTM B749
REFINED LEAD; 99.9% PURE
LEAD PER FEDERAL SPECIFICATION
QQ-L-201F, TYPE C

STC 32-38 FLUSH SINGLE
757 (STC 32) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 32 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

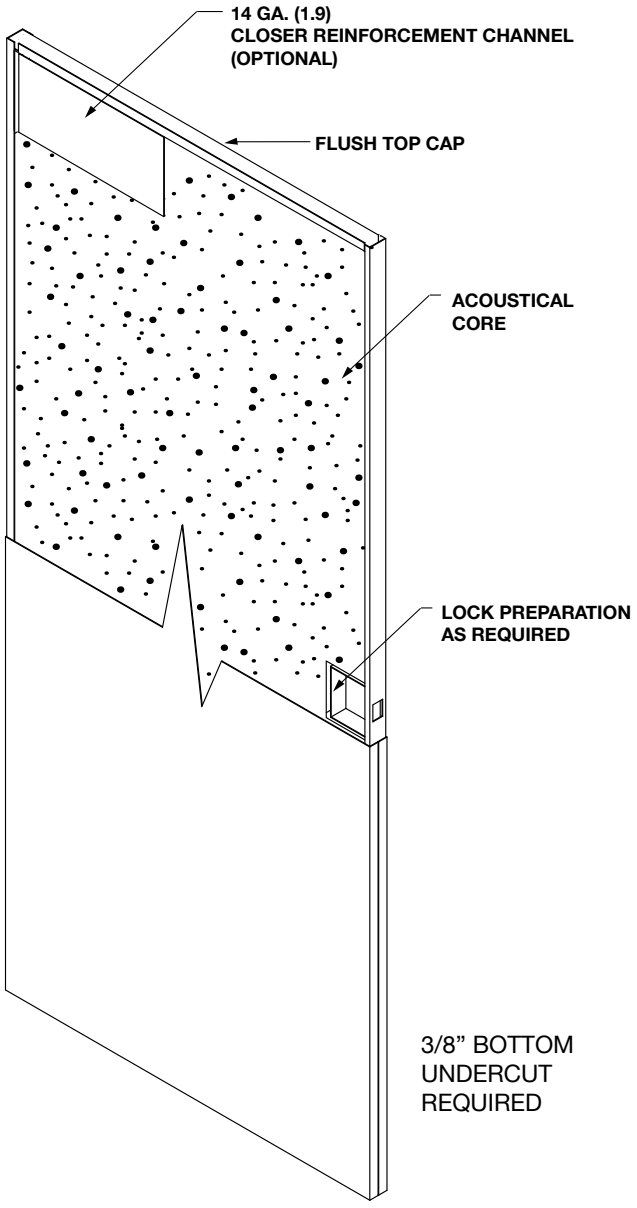
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #32:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 312CN

BOTTOM:
PEMKO 2008 PK



757 (STC 33) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 33 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

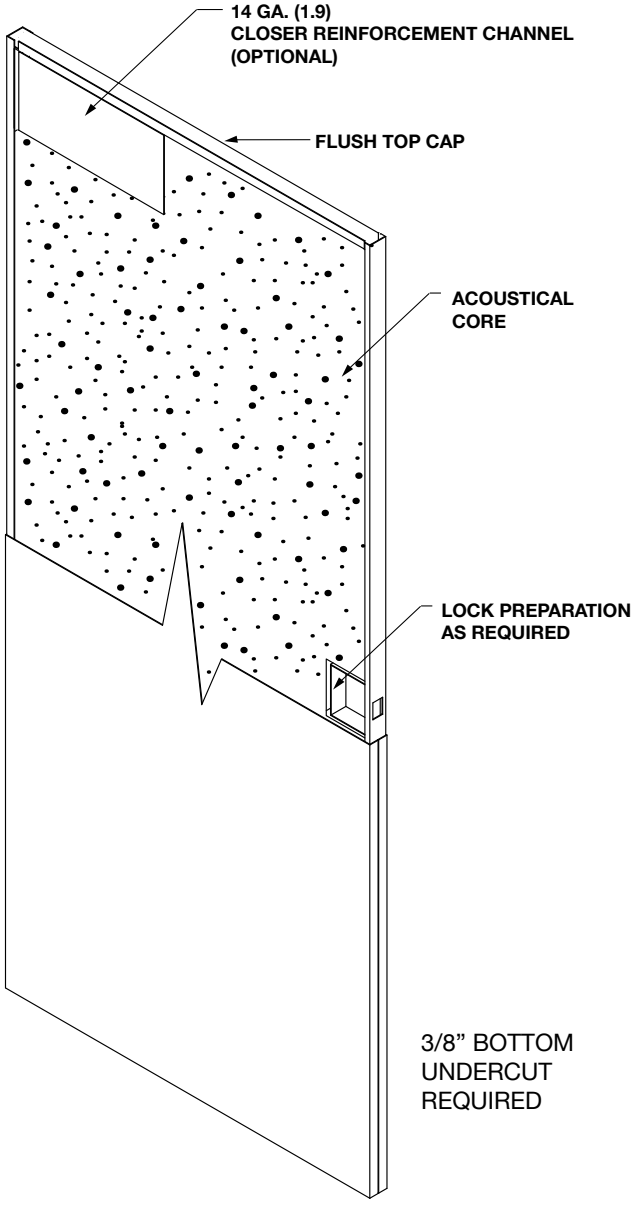
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 34) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 34 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

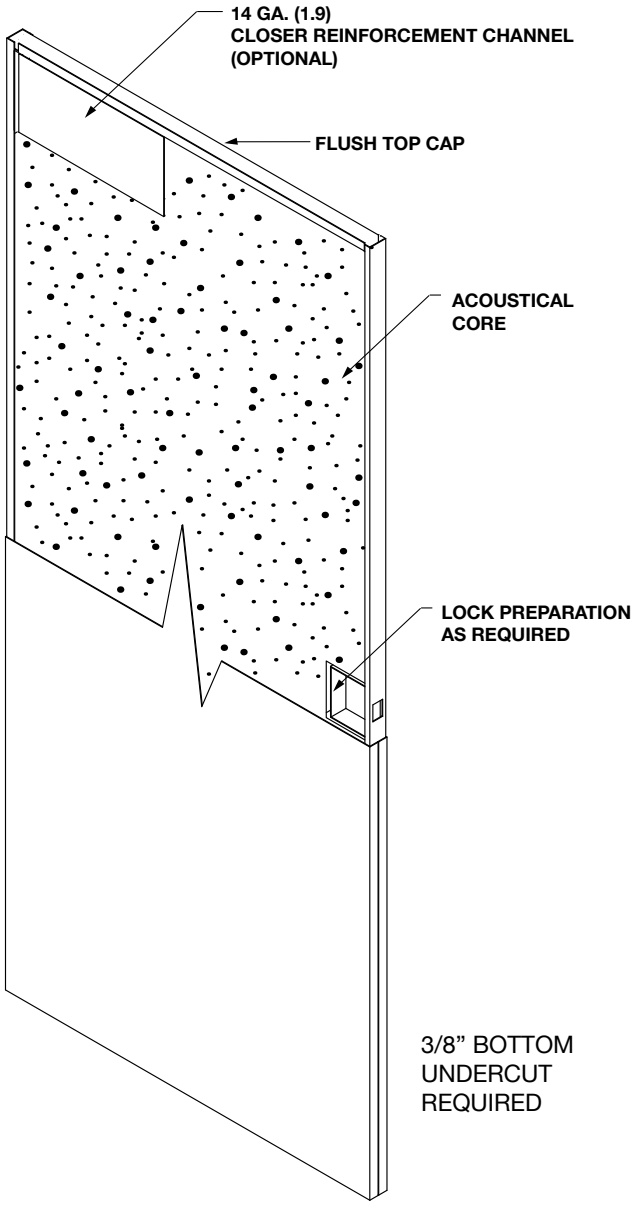
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 35) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 35 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

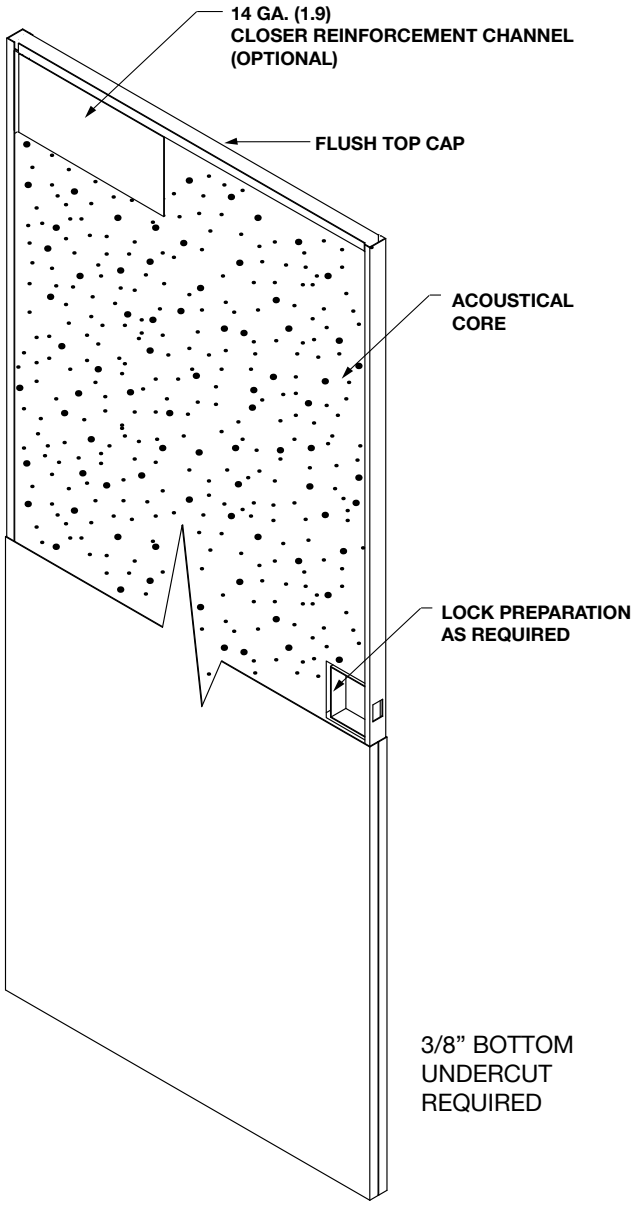
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 36) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 36 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

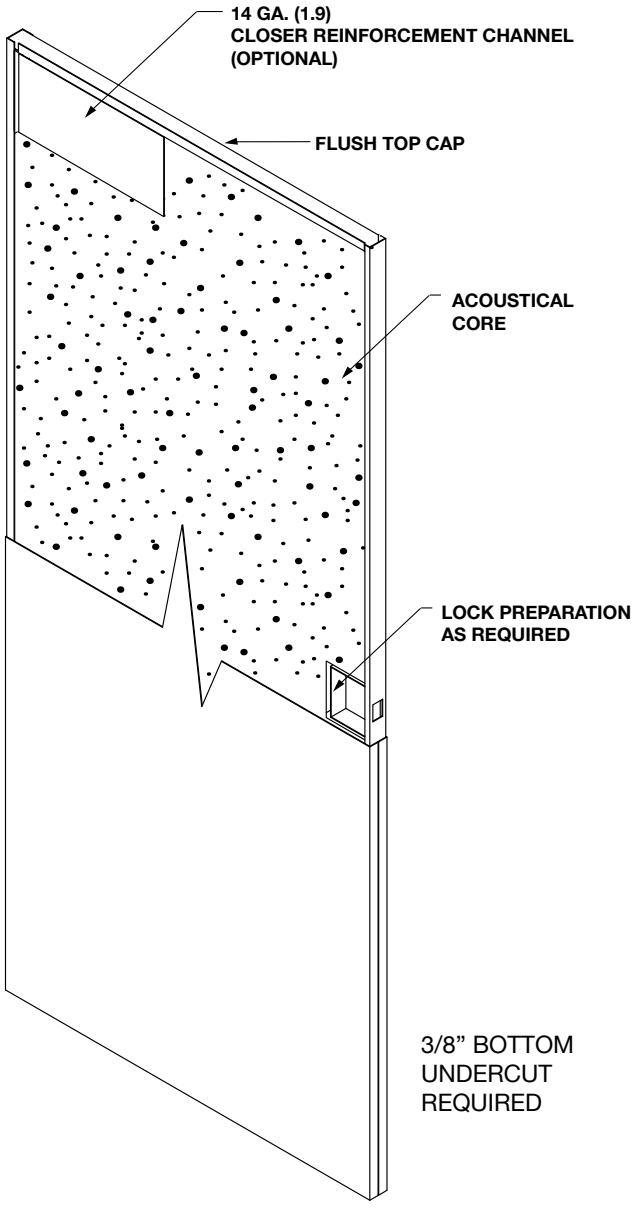
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 37) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 37 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

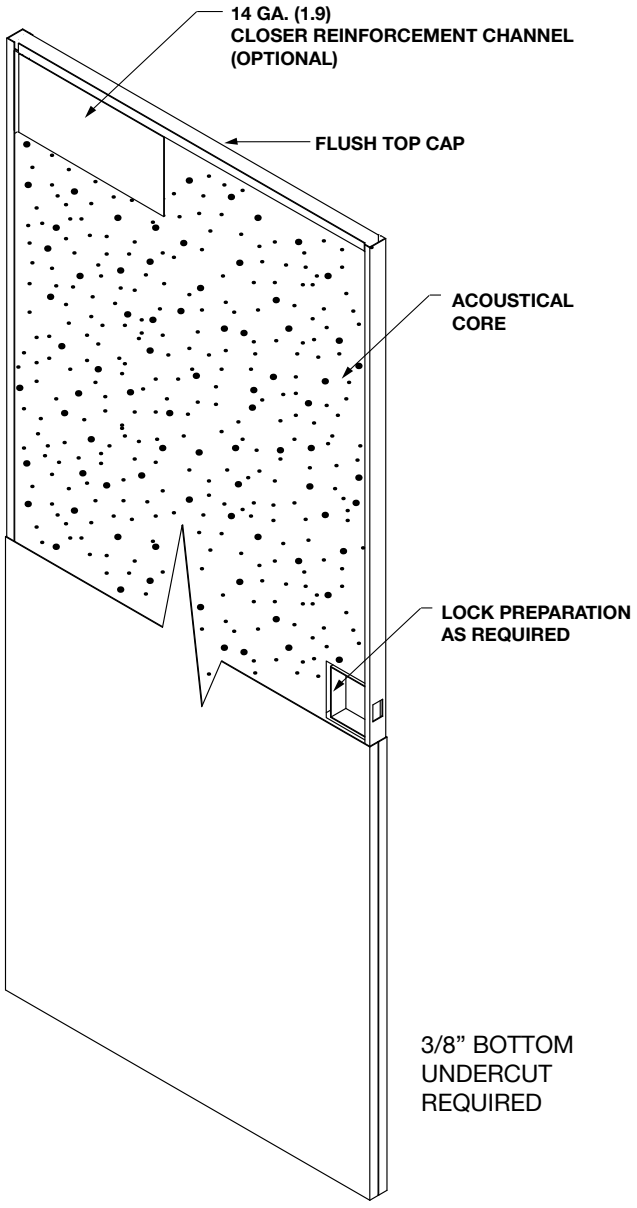
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



757 (STC 38) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 38 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HR. MAX.

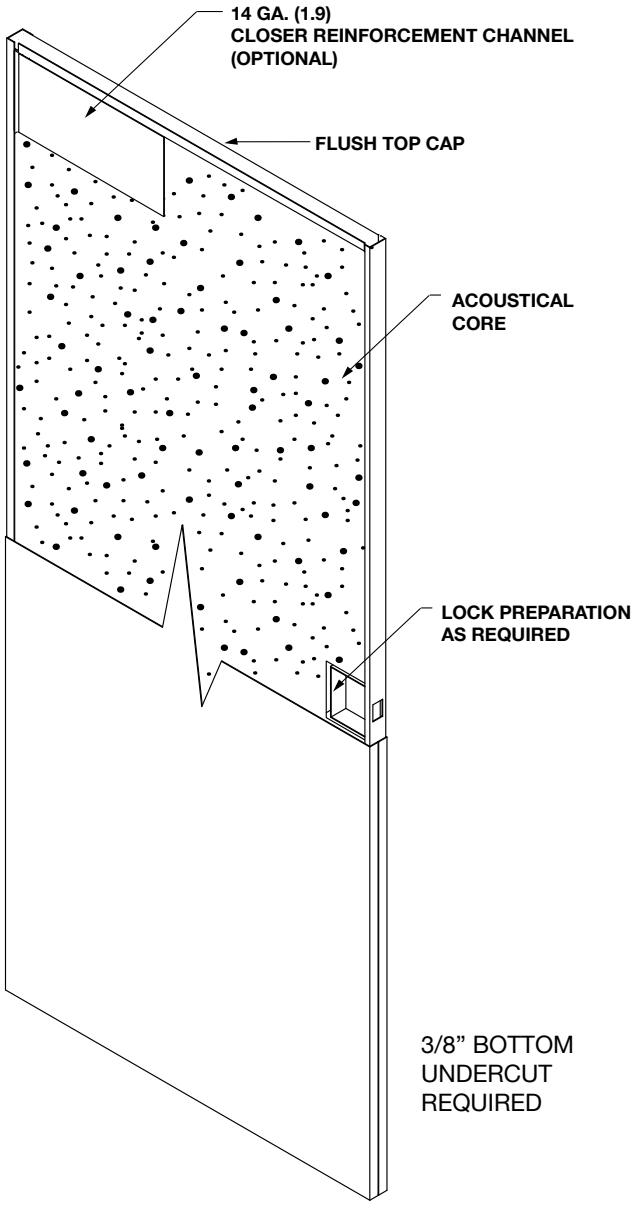
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #38:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 297 AS

BOTTOM:
PEMKO 2008 PK



STC 33-55 FLUSH SINGLE
757 (STC 33) SOUND DOOR CONSTRUCTION

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 33 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

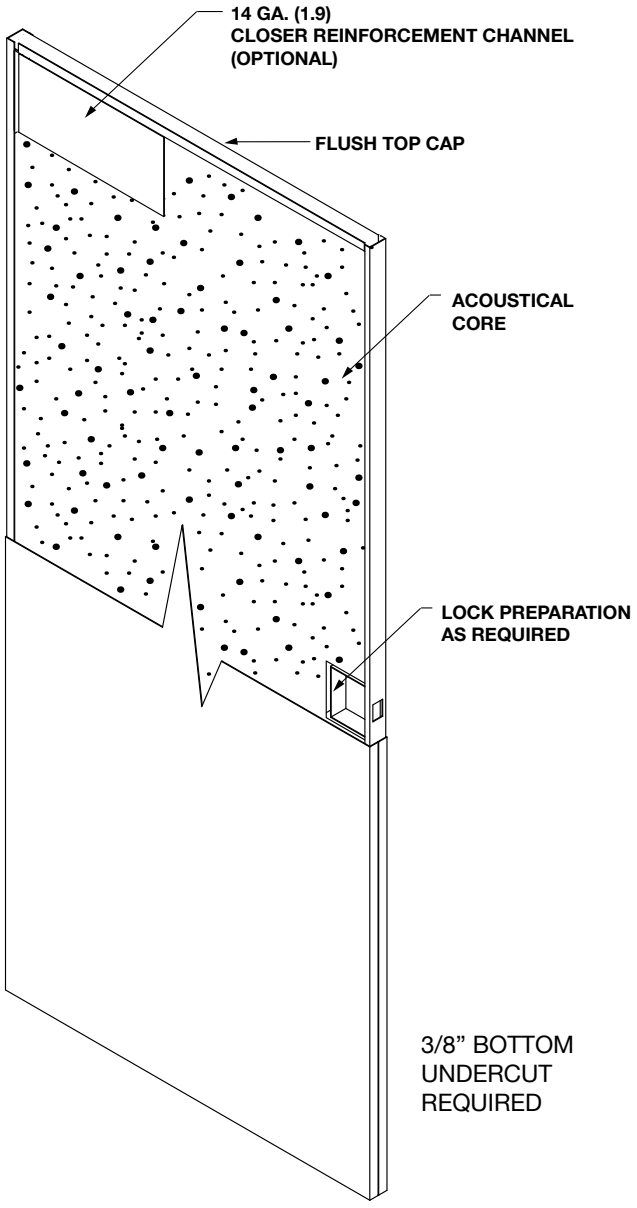
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 34) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 34 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

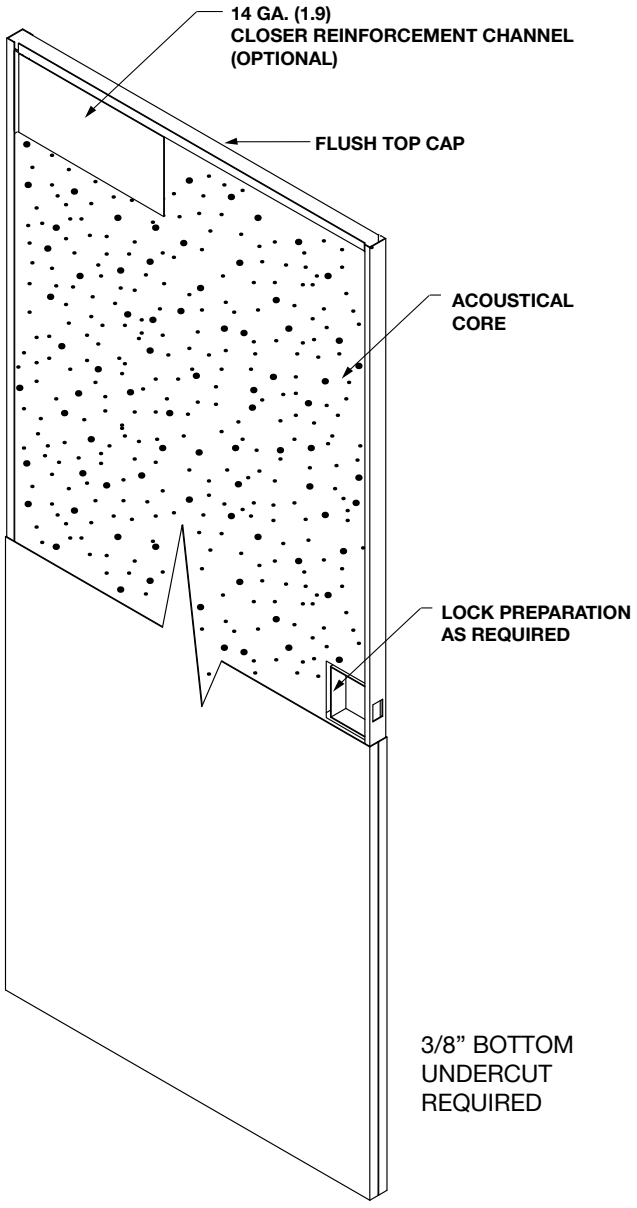
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 35) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 35 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

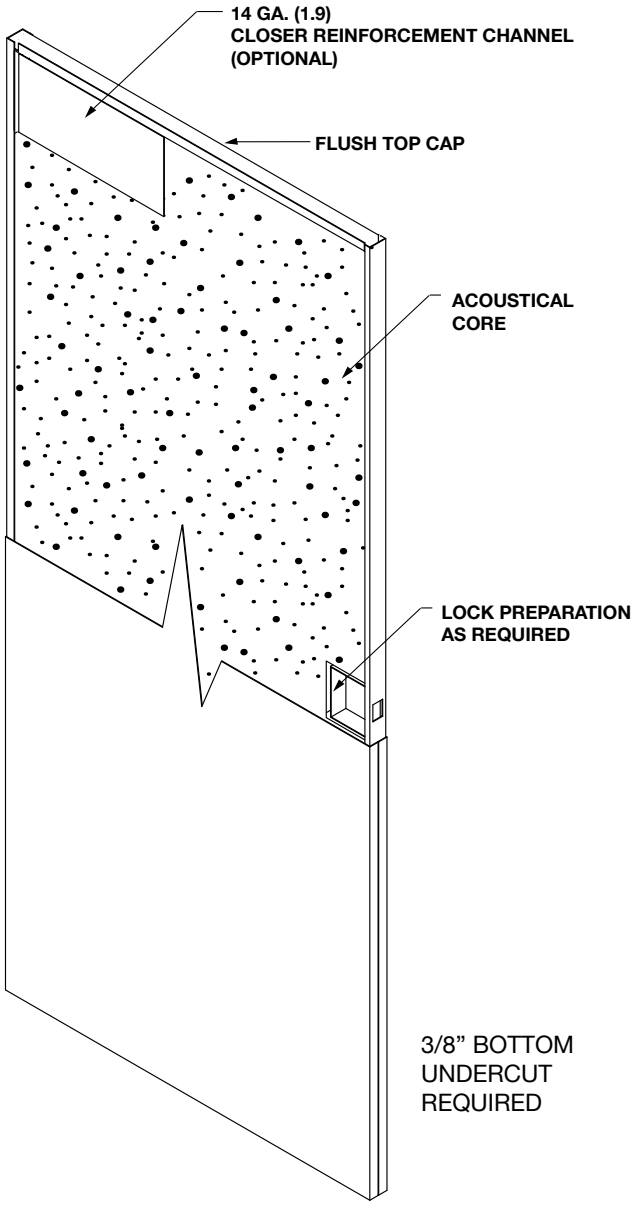
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 36) SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE PREPARATIONS:
STC 36 WITH RIM EXIT. ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

FIRE RATING:
3 HR. MAX

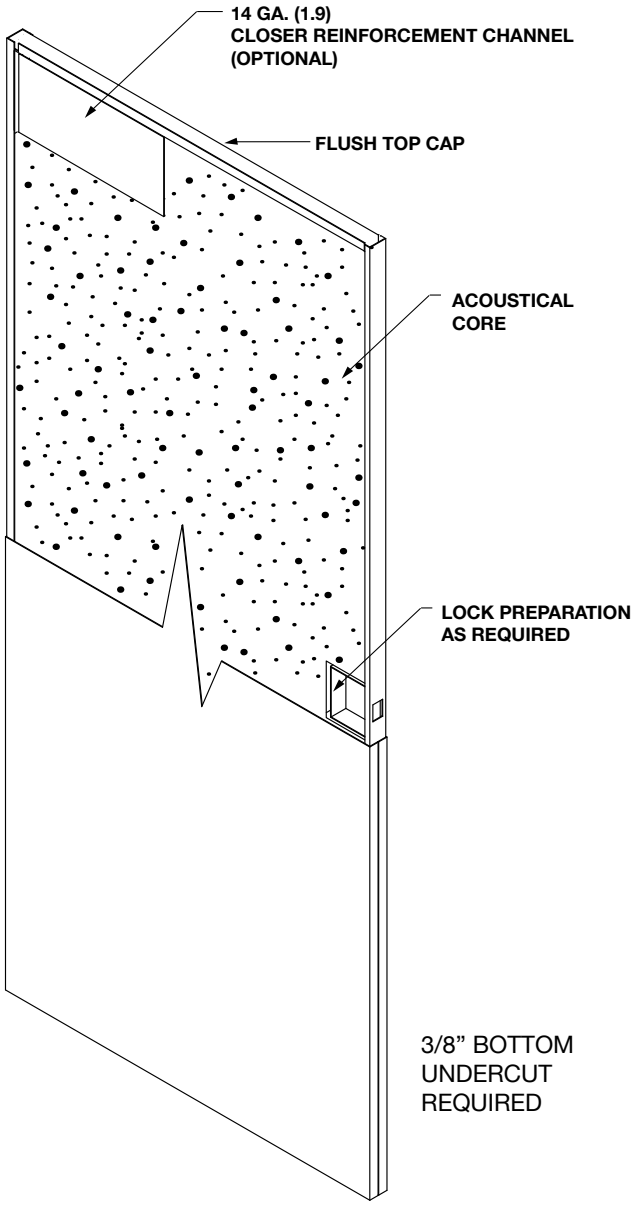
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 37) SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 37 WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPS ALLOWED.
STC 37 WITH RIM PANIC. ANY COMBINATION OF TWO OPTIONAL PREPS ARE ALLOWED.

FIRE RATING:
3 HR. MAX

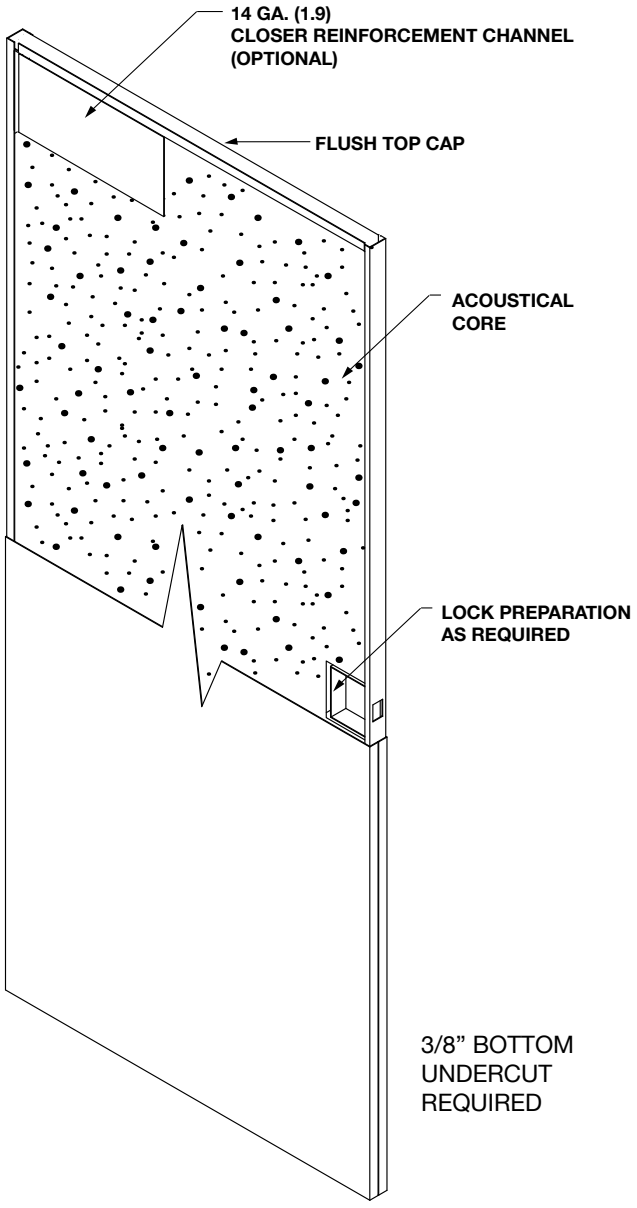
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 38) SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 38 WITH CYLINDRICAL LOCK. ANY COMBINATION OF (3) OPTIONAL PREPS ARE ALLOWED.
STC 38 WITH MORTISE LOCK. ANY COMBINATION OF TWO OPTIONAL PREPS ARE ALLOWED.
STC 38 WITH RIM EXIT. ONE OPTIONAL PREP ALLOWED.

FIRE RATING:
3 HR. MAX

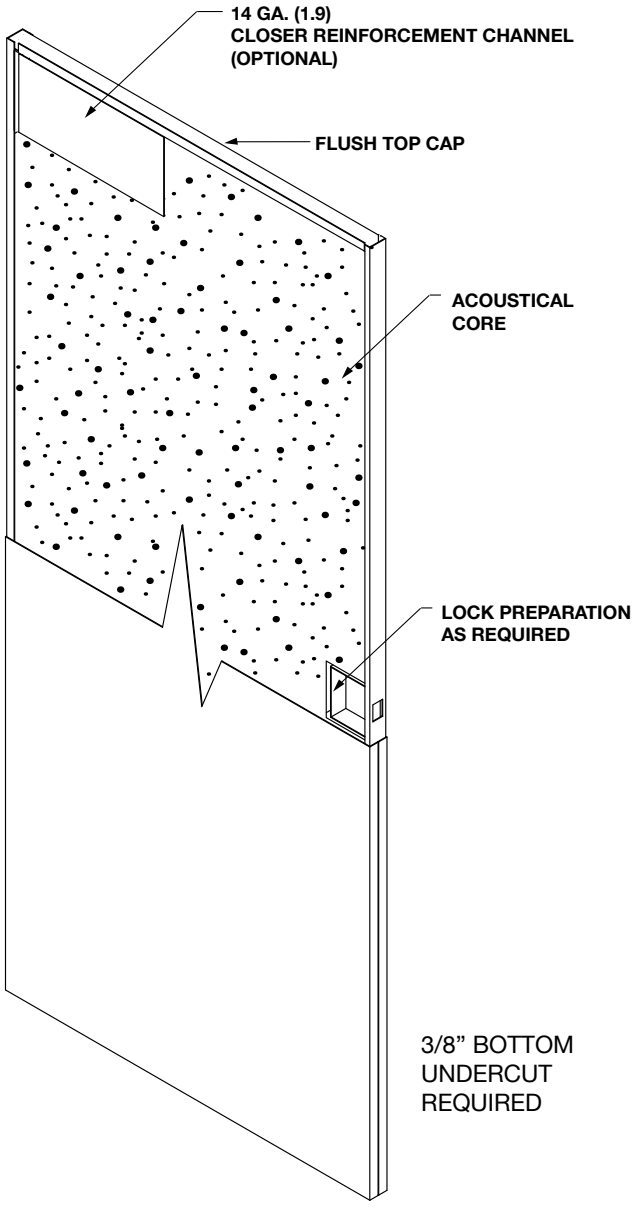
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 39) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 39 WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPS ALLOWED.
STC 39 WITH MORTISE LOCK. ONE OPTIONAL PREP ALLOWED.
STC 39 WITH RIM EXIT. OPTIONAL PREPS NOT ALLOWED.

FIRE RATING:
3 HR. MAX

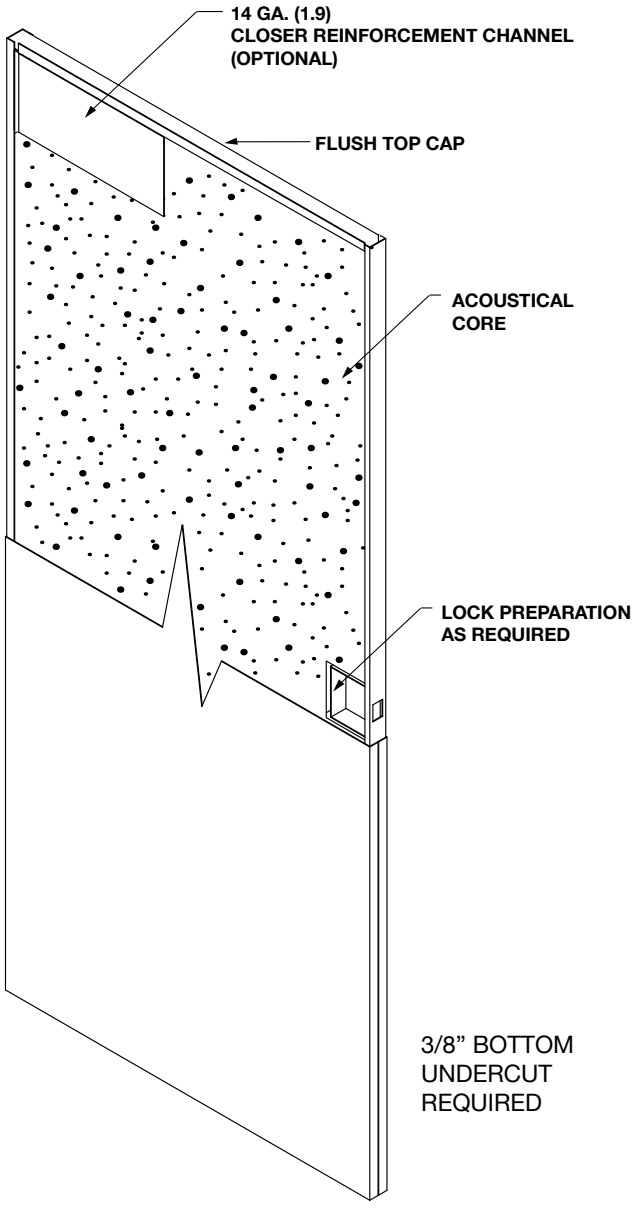
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 40) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS:
ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 40 WITH CYLINDRICAL LOCK. ONE OPTIONAL PREP ALLOWED.
STC 40 WITH MORTISE LOCK. OPTIONAL PREPS NOT ALLOWED.

FIRE RATING:
3 HR. MAX

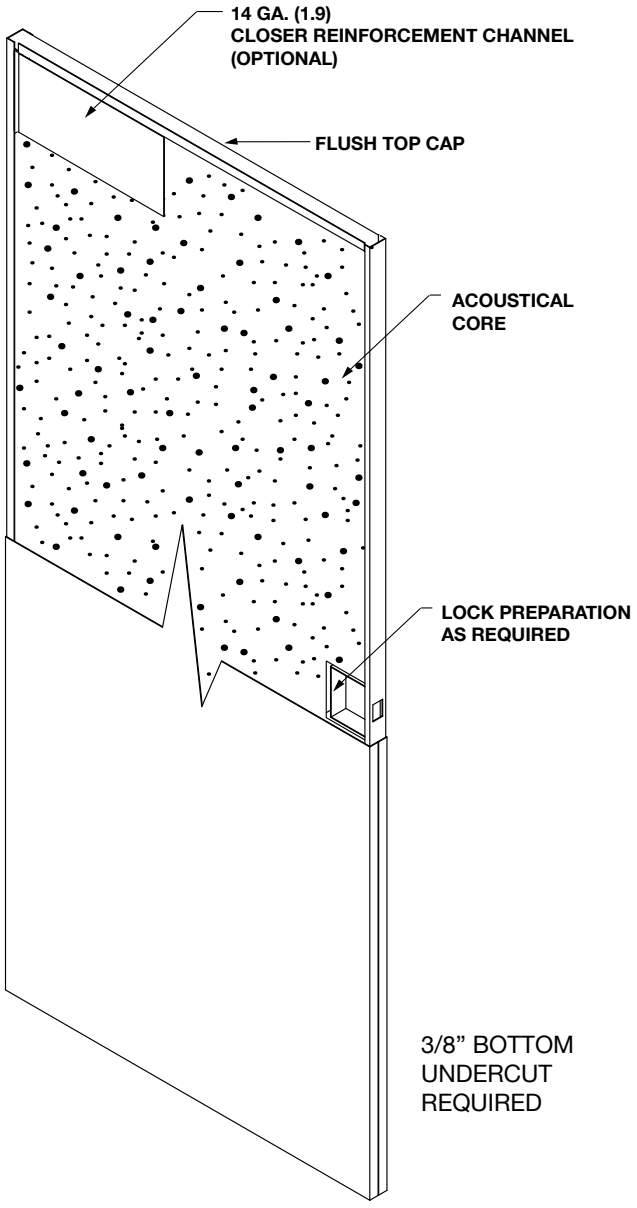
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44

BOTTOM:
PEMKO 2008 PK



757 (STC 41) SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 41 WITH CYLINCRICAL LOCK. OPTIONAL PREPS NOT ALLOWED.

FIRE RATING:
3 HR. MAX

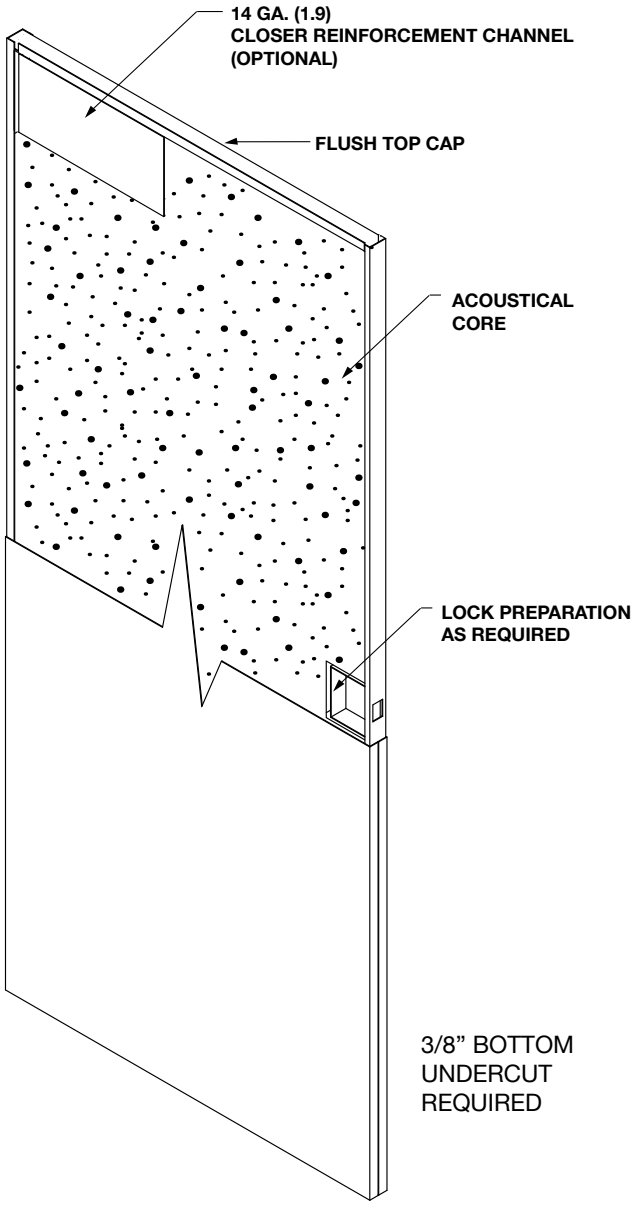
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #1:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44 (2)

BOTTOM:
PEMKO 2008 PK



757 (STC 42) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 42 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 42 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 42 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 42 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

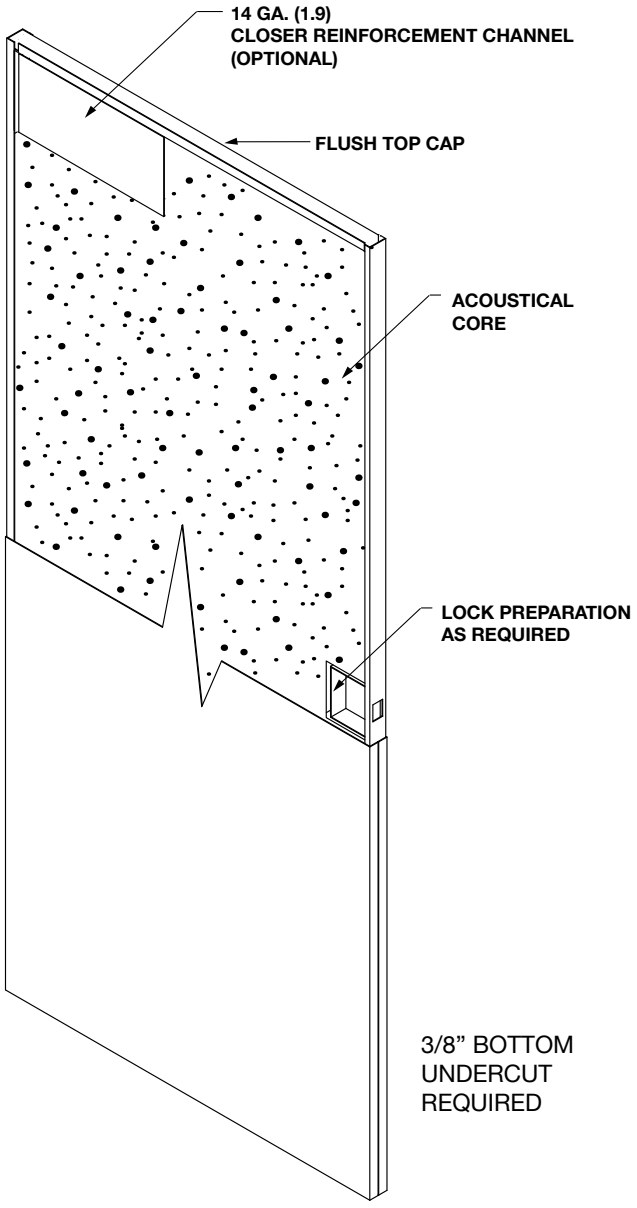
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 43) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 43 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 43 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 43 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 43 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

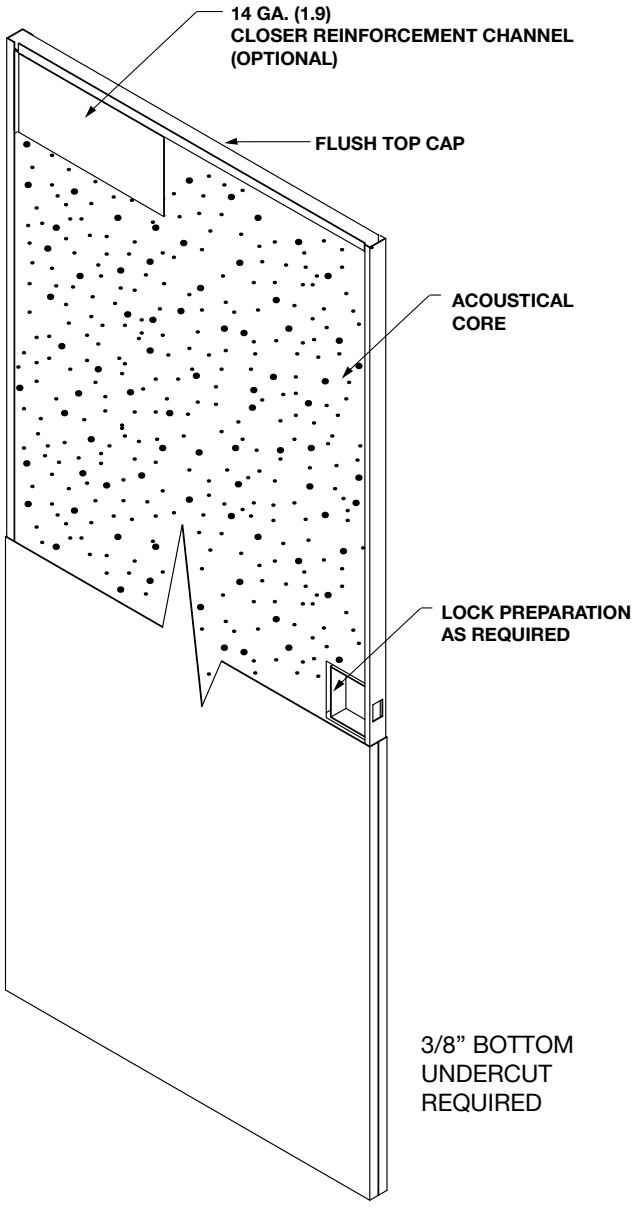
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 44) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 44 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 44 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 44 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 44 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

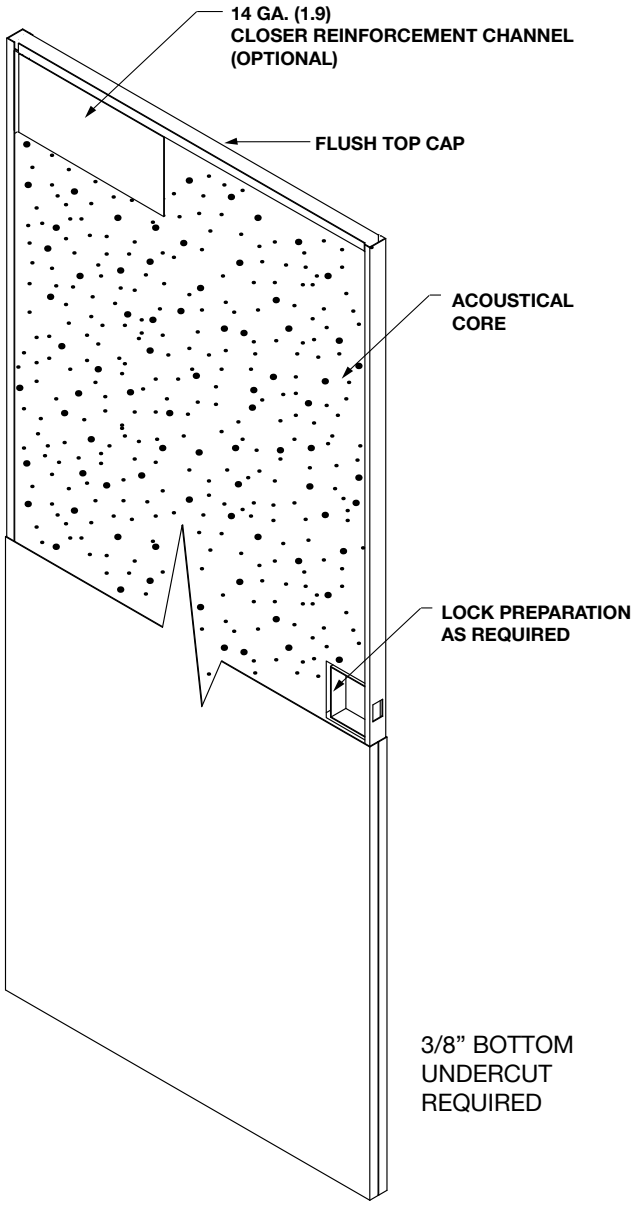
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 45) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

STC 45 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 45 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 45 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 45 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

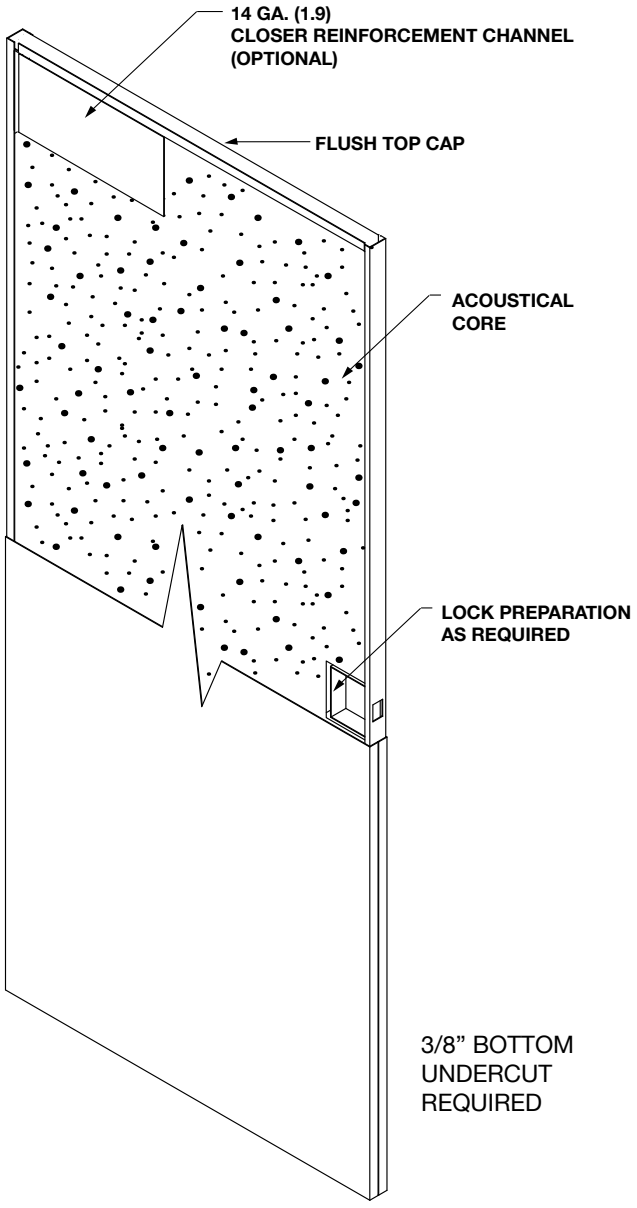
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 46) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 46 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 46 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 46 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 46 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

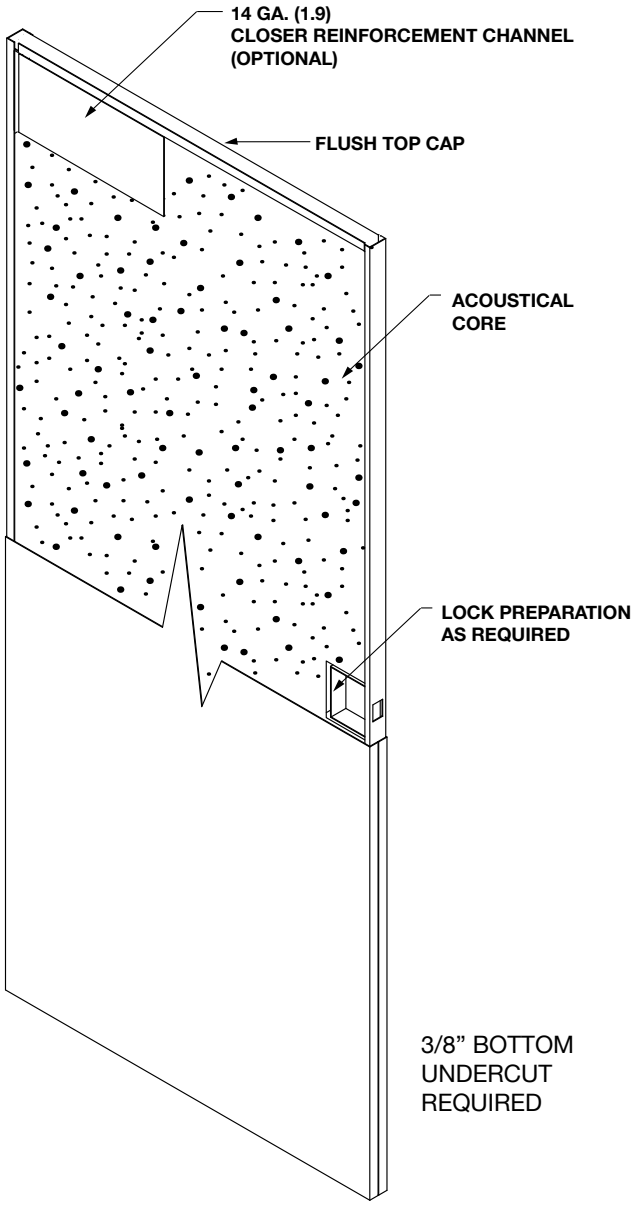
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 47) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK

STC 47 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 47 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 47 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 47 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

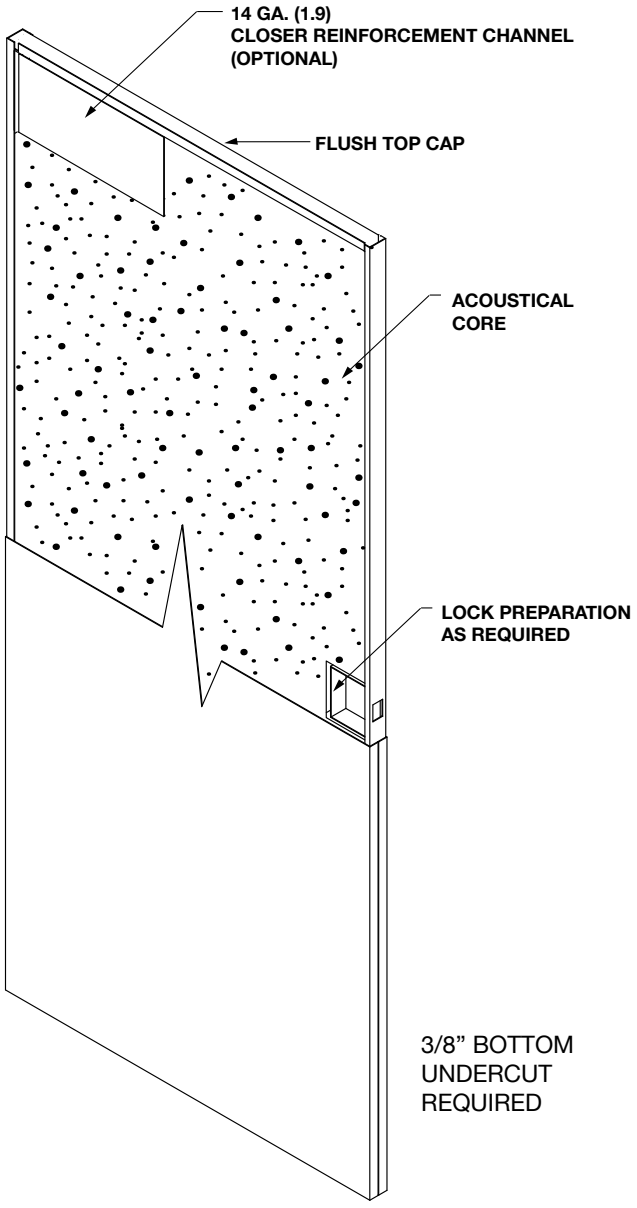
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 48) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 48 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 48 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 48 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 48 WITH LOCKMASTER/MILITARY LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

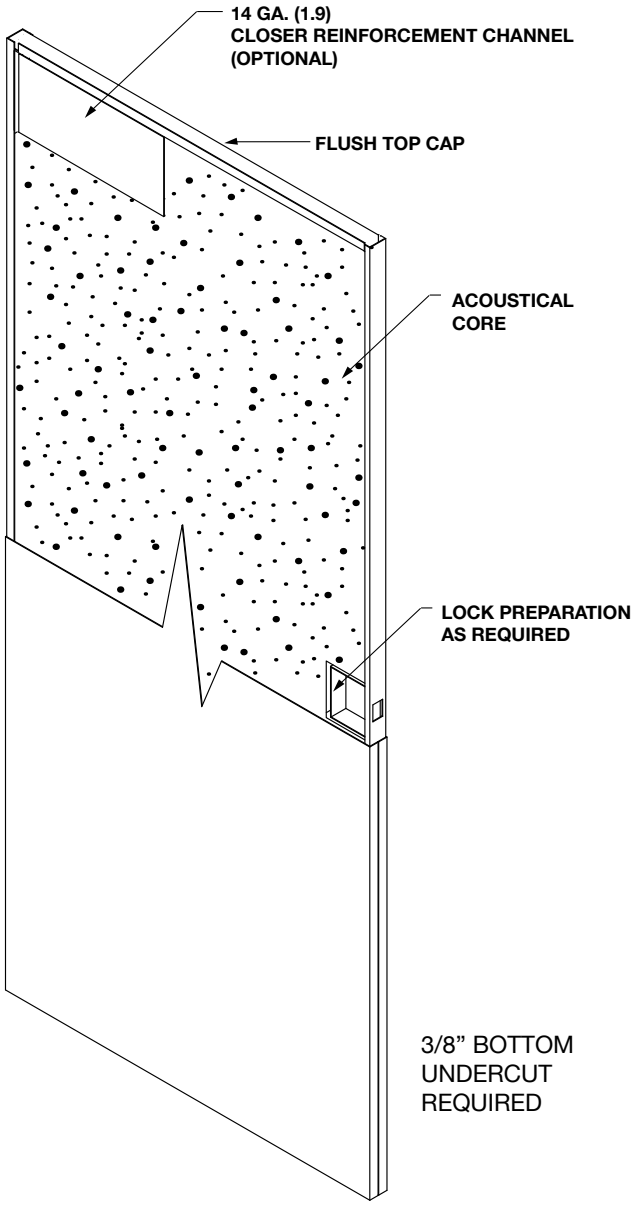
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 49) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 49 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 49 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 49 WITH LOCKMASTER/MILITARY LOCK MAY HAVE (1) OPTIONAL PREP.
STC 49 WITH RIM PANIC MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.

FIRE RATING:
3 HR. MAX.

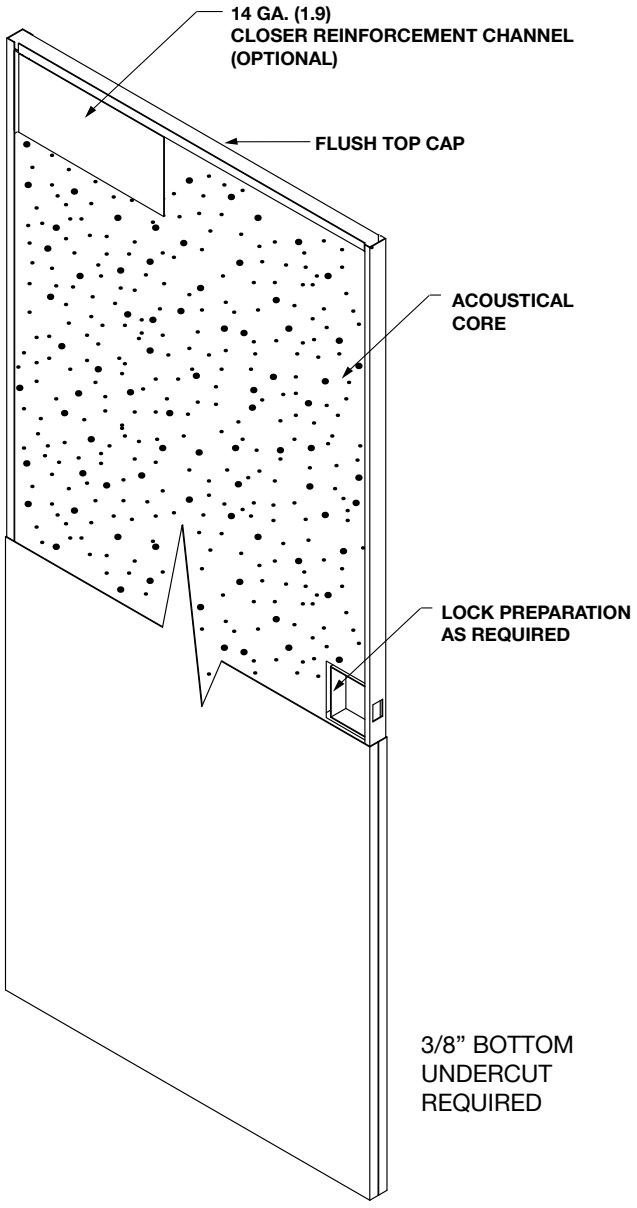
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 50) SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 50 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (3) OPTIONAL PREPS.
STC 50 WITH MORTISE LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
STC 50 WITH RIM PANIC MAY HAVE (1) OPTIONAL PREP.
STC 50 WITH LOCKMASTER/MILITARY LOCK OPTIONAL PREPS ARE NOT AVAILABLE.

FIRE RATING:
3 HR. MAX.

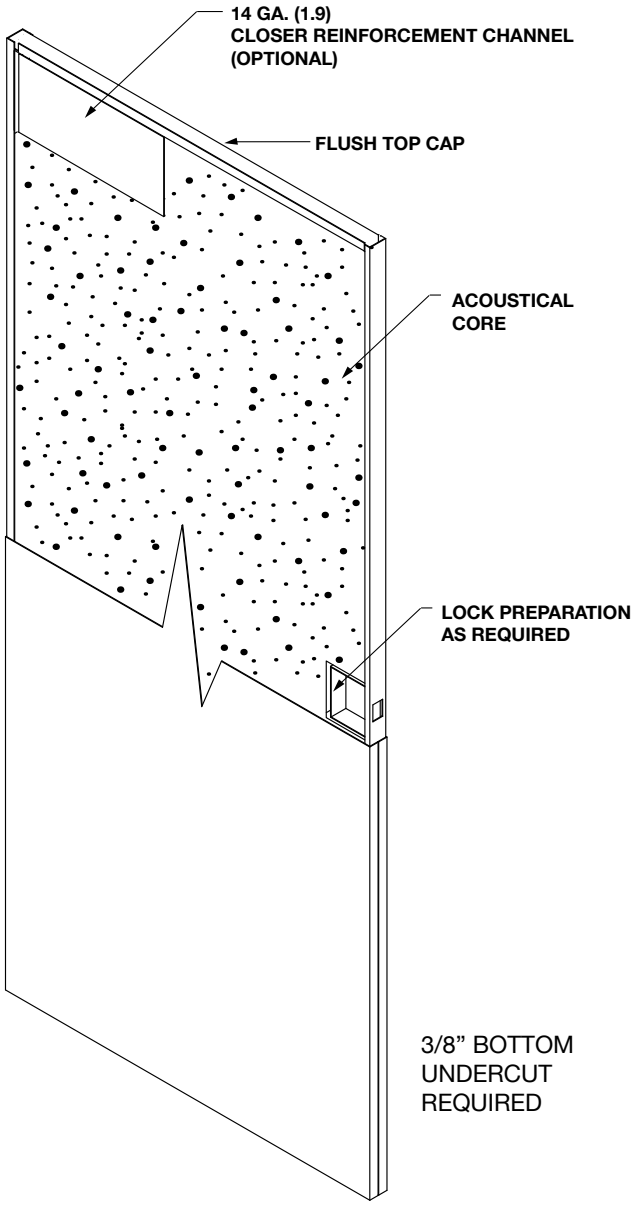
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 51) SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRIC POWER TRANSFER (EPT), MAG SWITCH, AND DEADLOCK
STC 51 WITH CYLINDRICAL LOCK MAY HAVE ANY COMBINATION OF (2) OPTIONAL PREPS.
STC 51 WITH MORTISE LOCK MAY HAVE (1) OPTIONAL PREP.
STC 51 WITH RIM PANIC OPTIONAL PREPS ARE NOT AVAILABLE.

FIRE RATING:
3 HR. MAX.

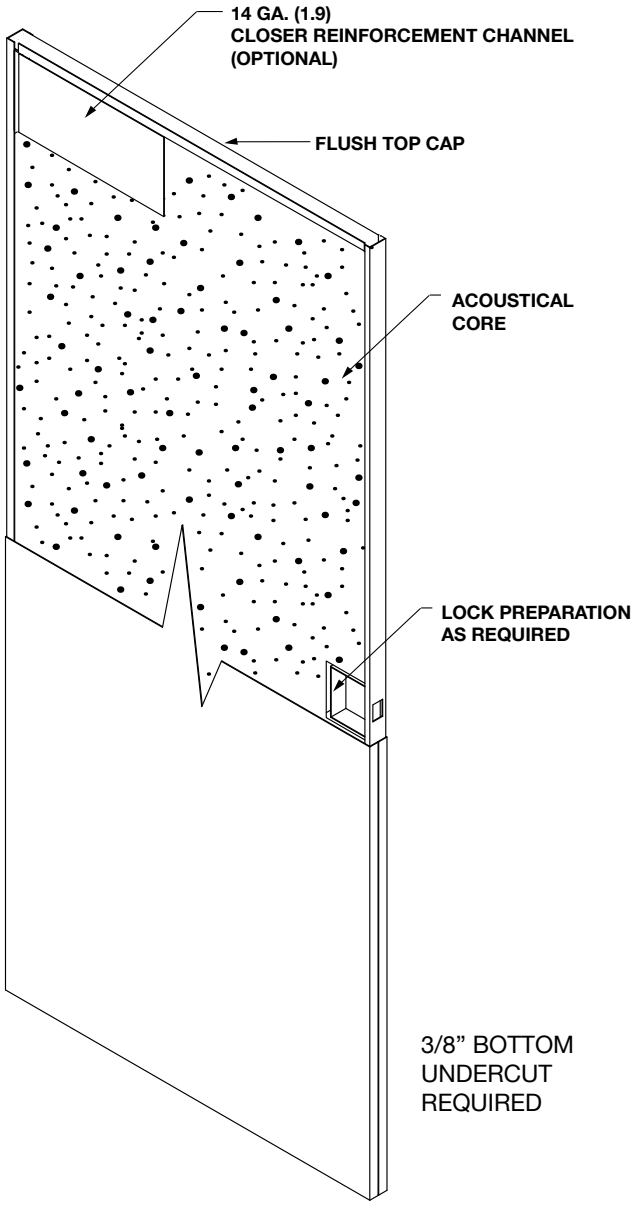
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 52) SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 52 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
3 HOUR MAX.

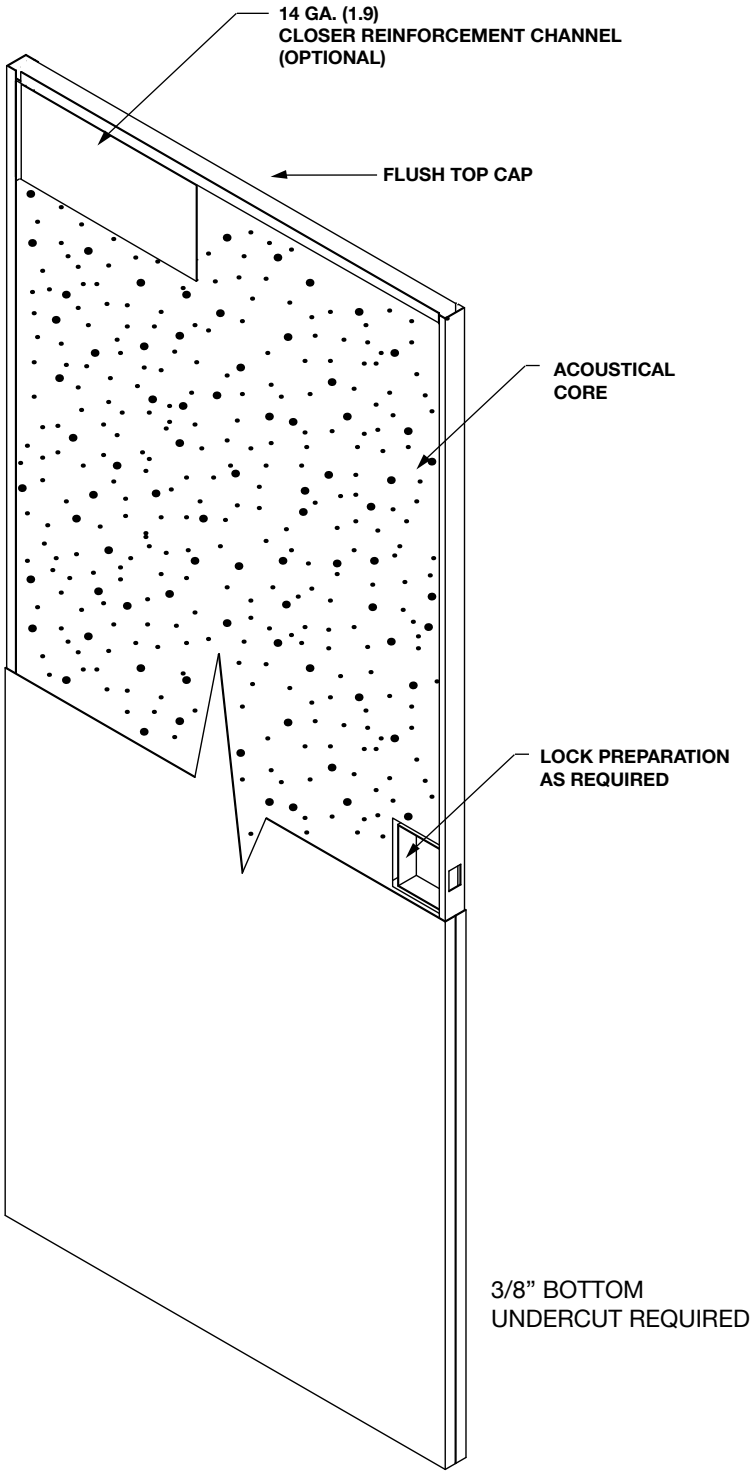
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S44
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP112



757 (STC 55) SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *SAME AS STC 52-54 PAGE*
5. *2-1/2" THICK DOORS*
6. *THE FRAMES MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - PEMKO X25M CONTINUOUS HINGE INCLUDED WITH DOOR*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *FRAME REQUIRES 1-1/4" (31.7) HIGH STOP*
12. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 55 - CYLINDRICAL ONLY (SARGENT 11-LINE OR CORBIN RUSSWIN CL 3100)

FIRE RATING:
STC 55 - NON-RATED ONLY

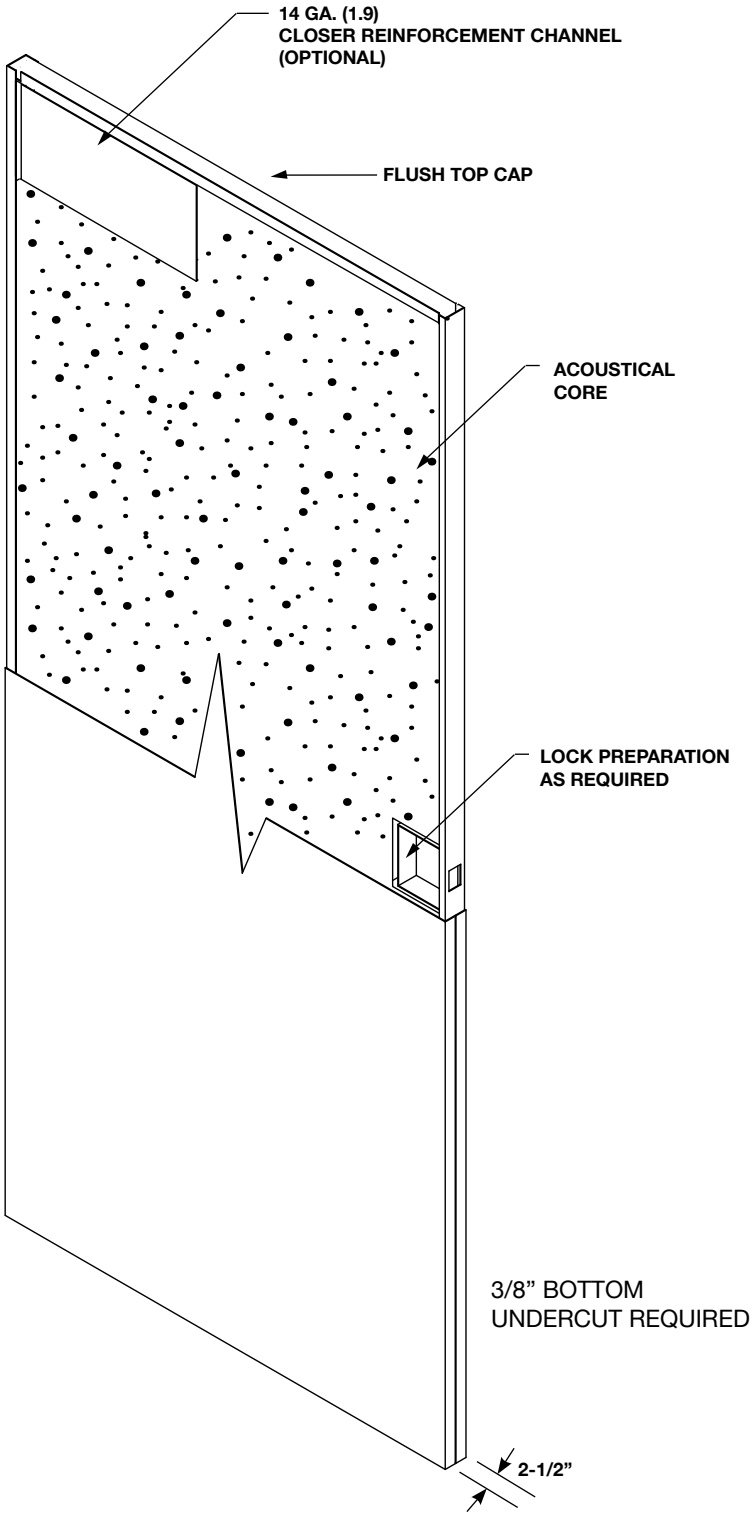
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #7:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S776 (2)

BOTTOM:
PEMKO S44
PEMKO S776
PEMKO 2008 PK



STC 32-41 TEMP. RISE 450°
757 (STC 32) TEMP. RISE SOUND DOOR CONSTRUCTION

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 32 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450° TEMPERATURE RISE

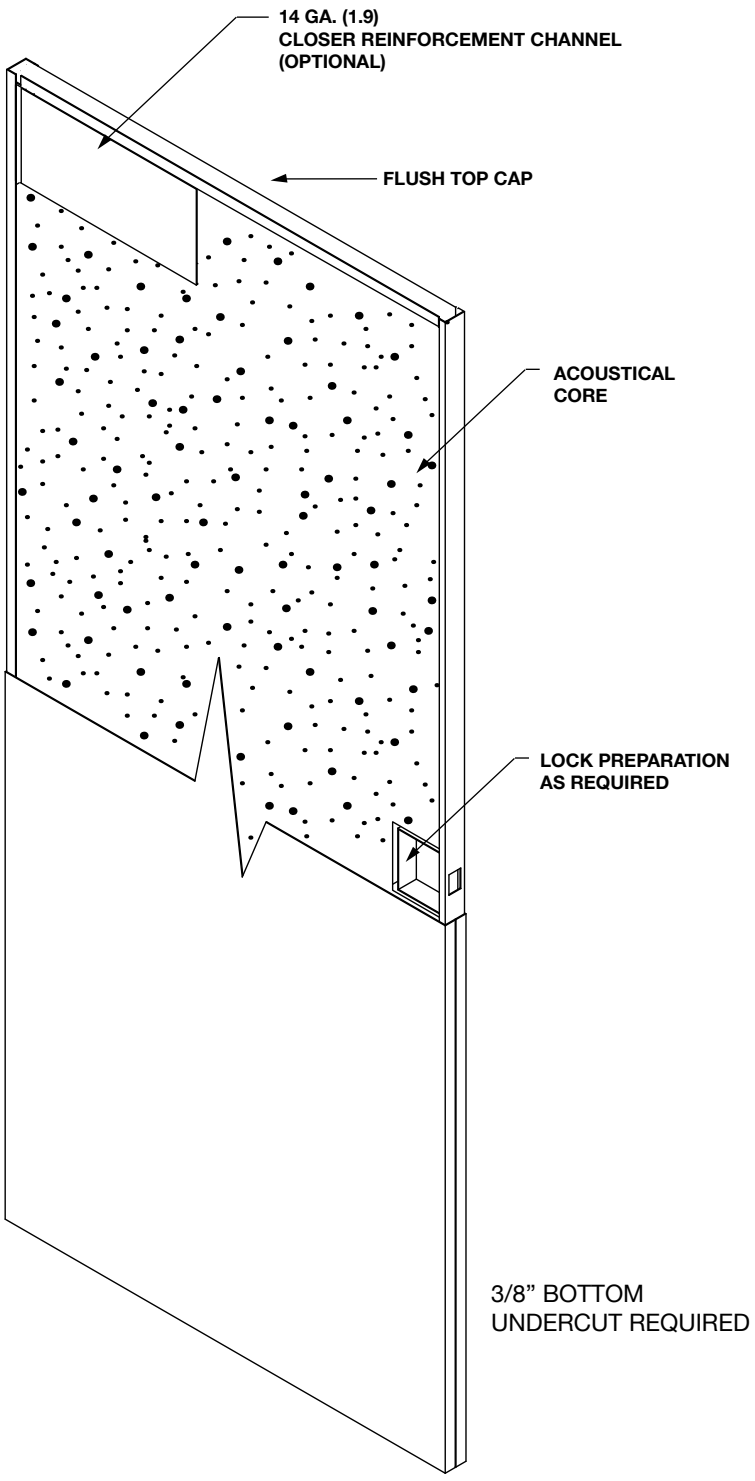
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 33) TEMP. RISE SOUND DOOR CONSTRUCTION

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 33 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

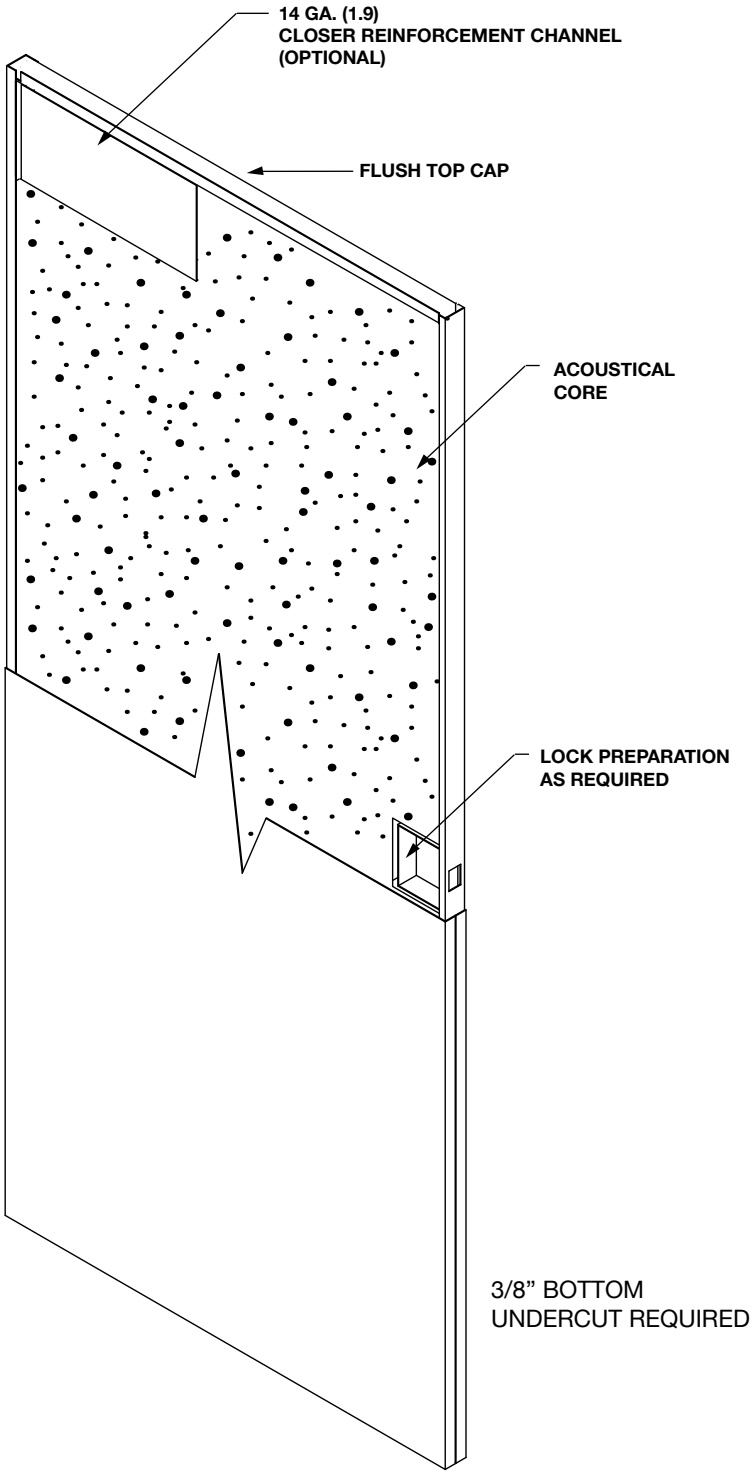
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 34) TEMP. RISE SOUND DOOR CONSTRUCTION

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 34 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

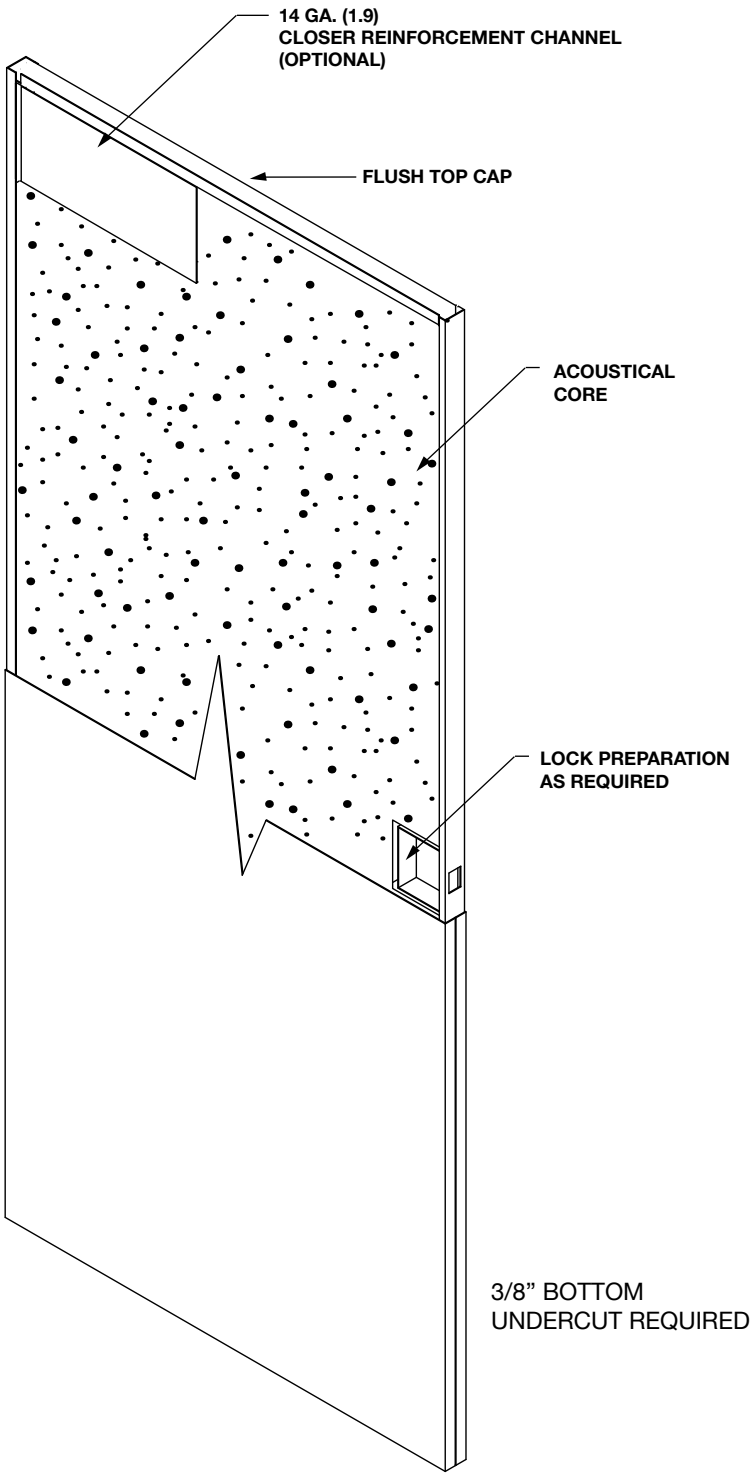
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 35) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 35 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

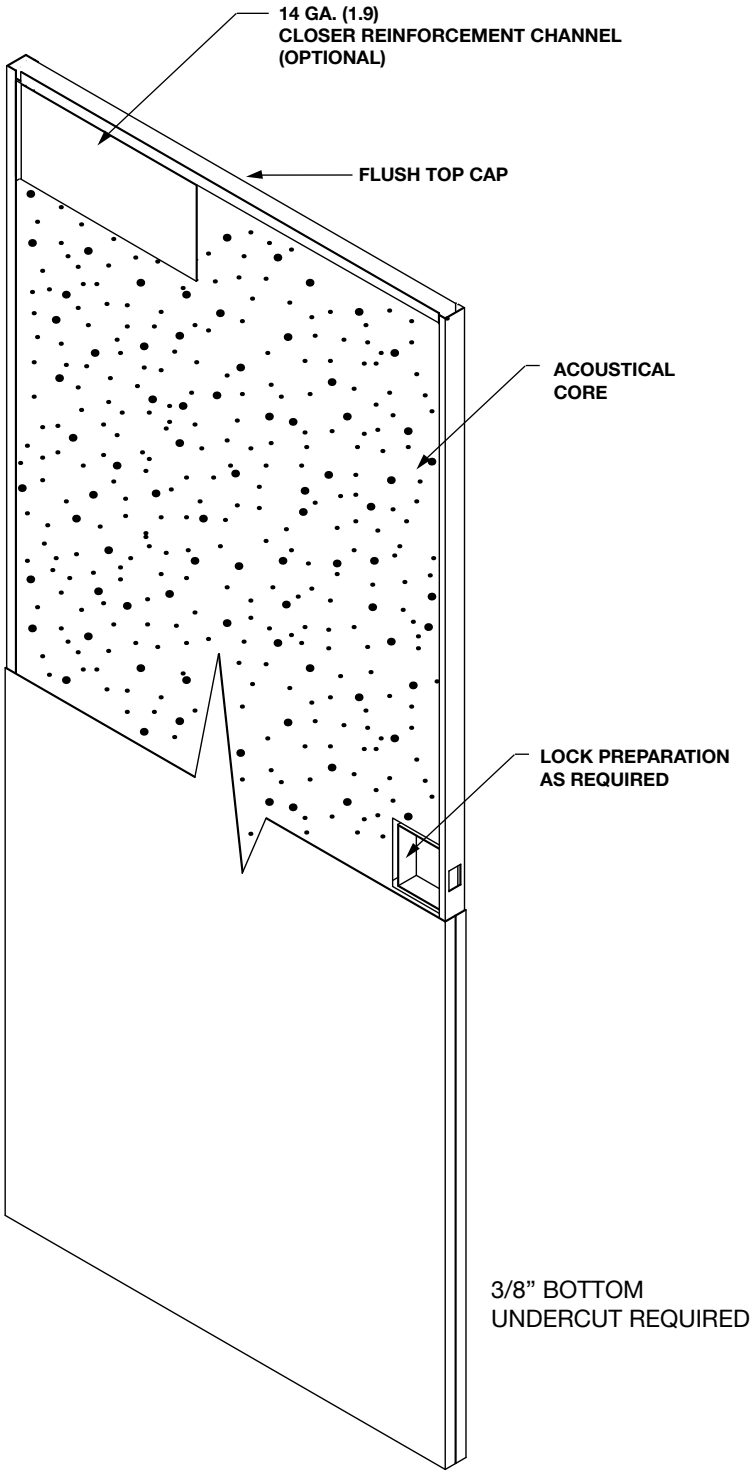
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 36) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 36 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

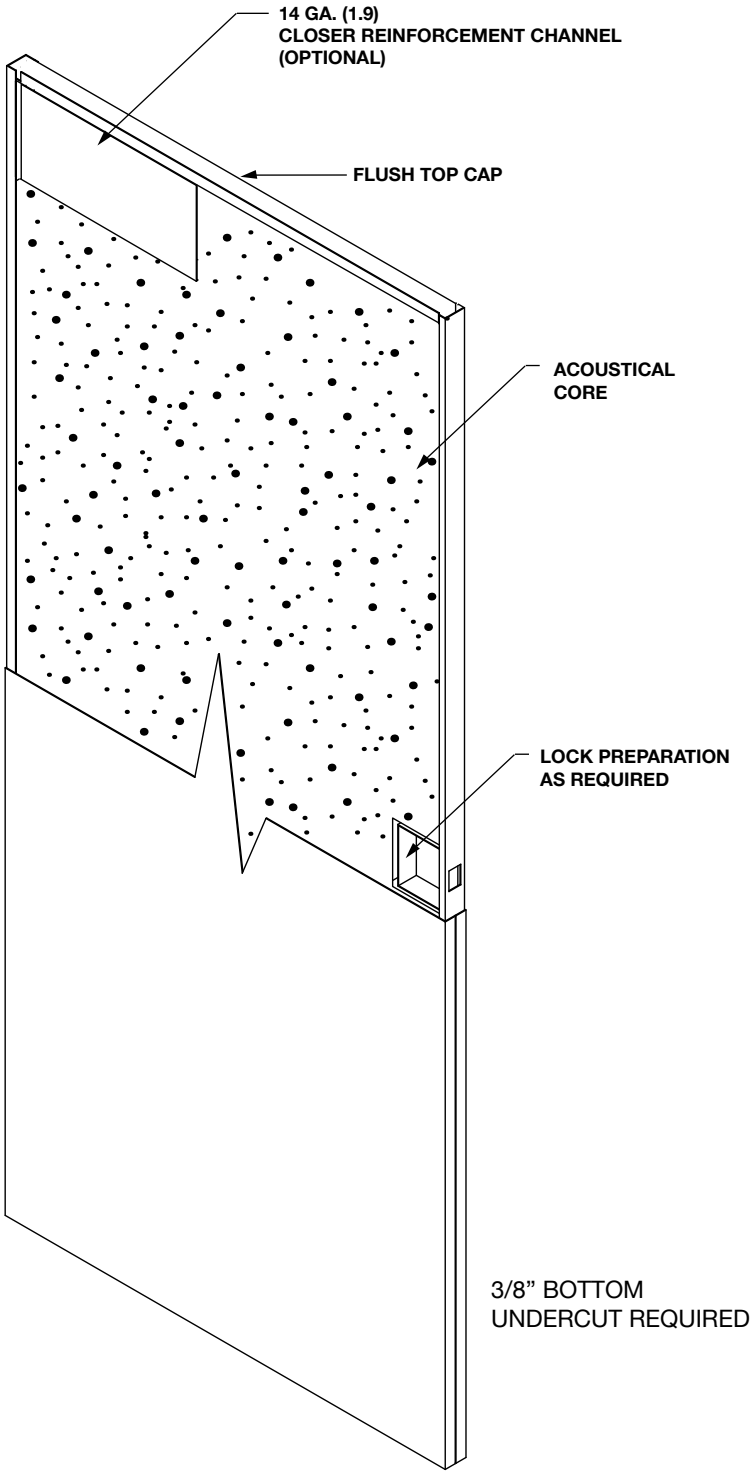
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 37) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 37 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

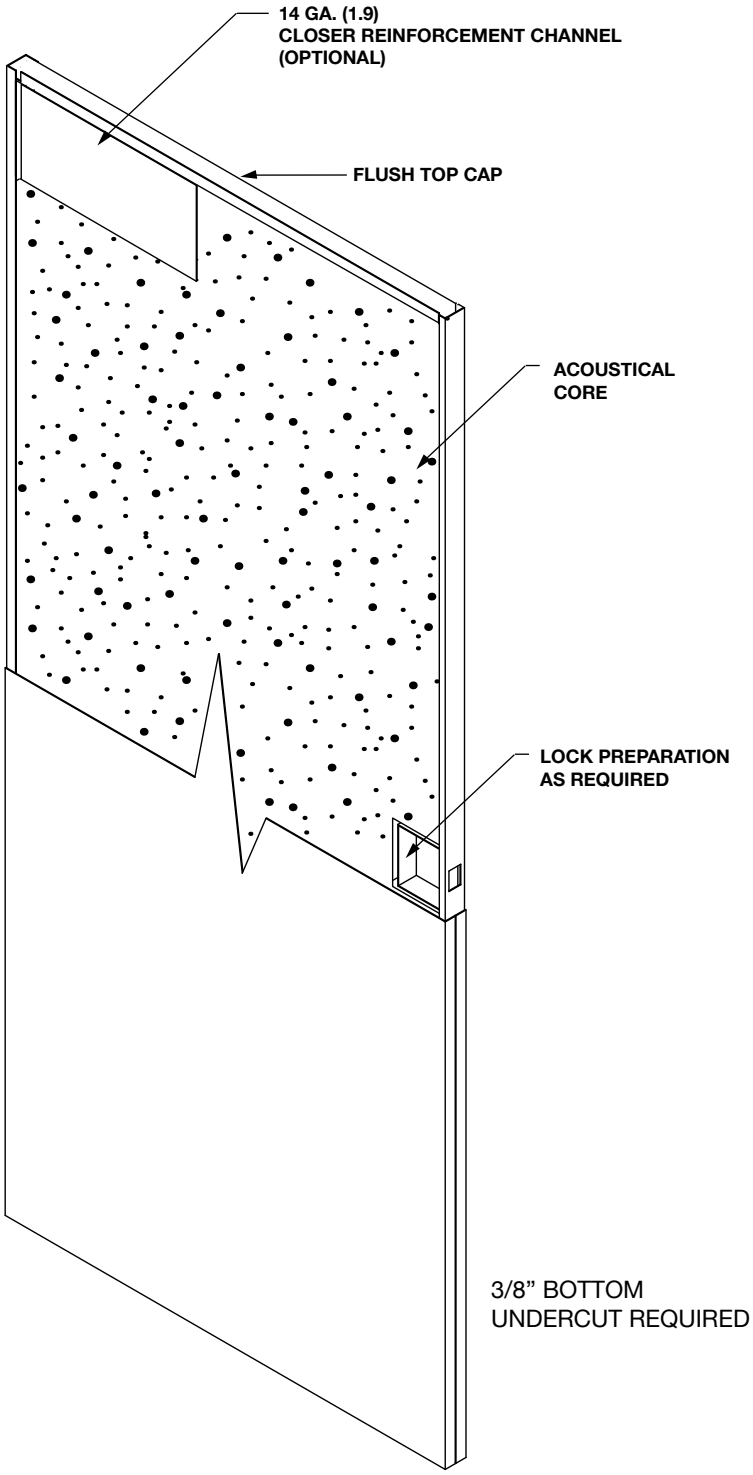
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 38) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*.

HARDWARE LIMITATIONS:
STC 38 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

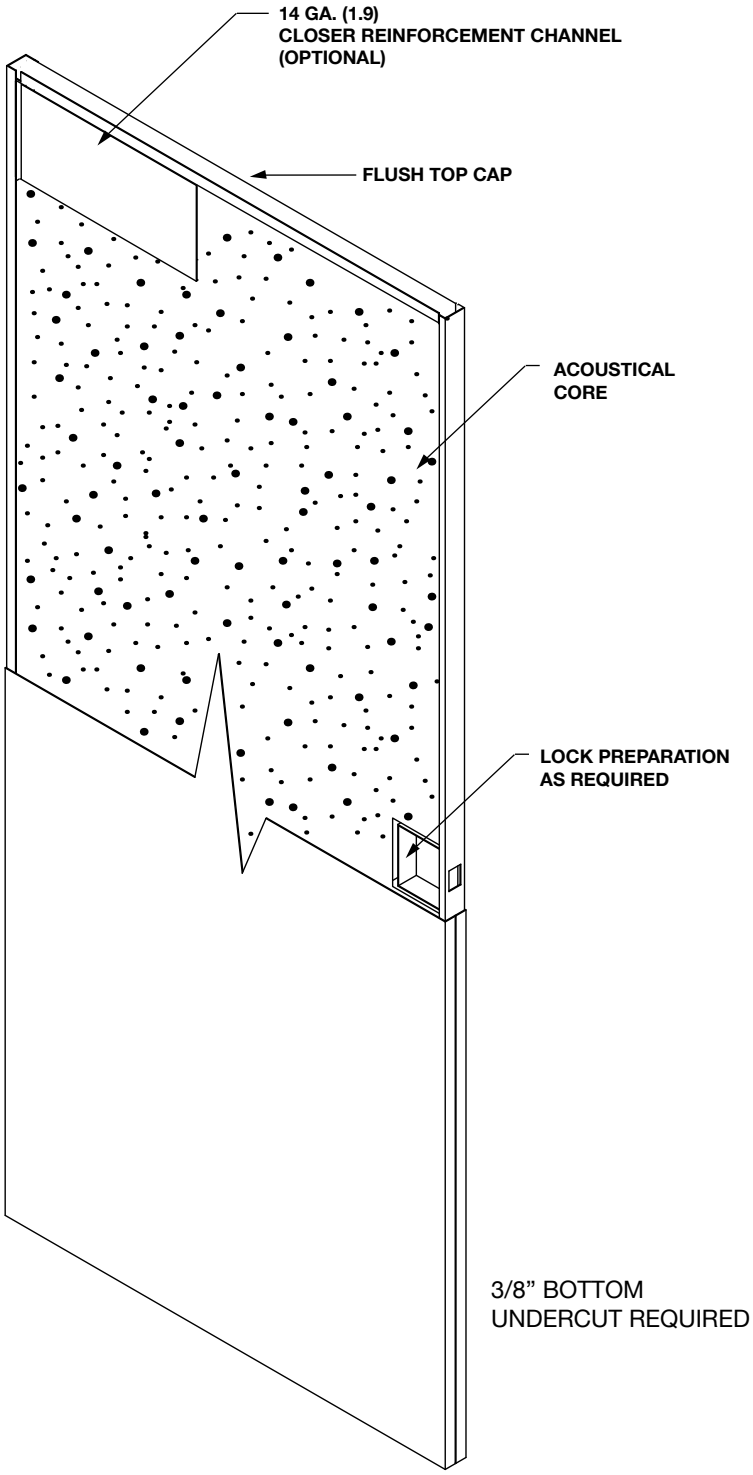
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 39) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 39 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

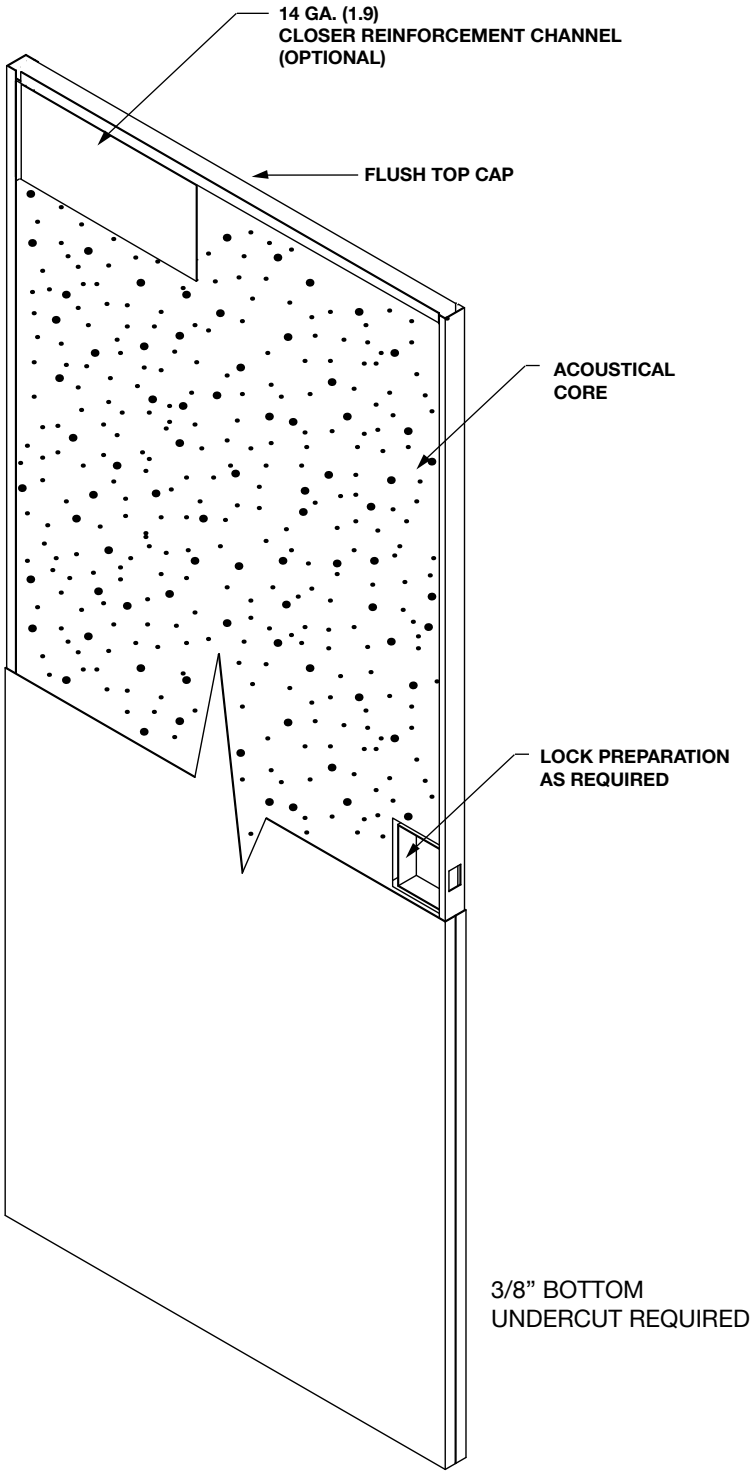
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 40) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 40 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

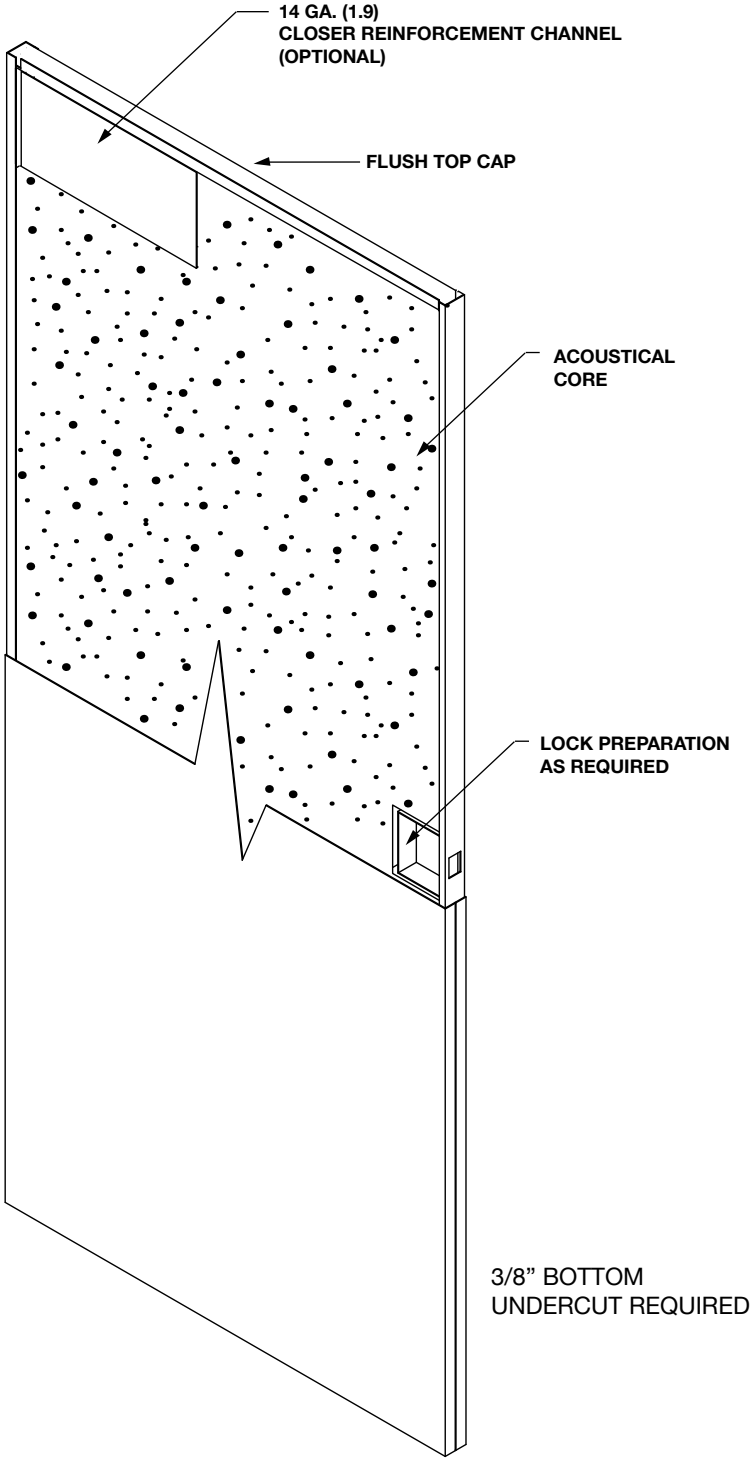
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



757 (STC 41) TEMP. RISE SOUND DOOR CONSTRUCTION

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *GROUTING NOT REQUIRED TO ACHIEVE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 41 - CYLINDRICAL OR MORTISE ONLY

FIRE RATING:
90 MINUTE MAX.
450˚ TEMPERATURE RISE

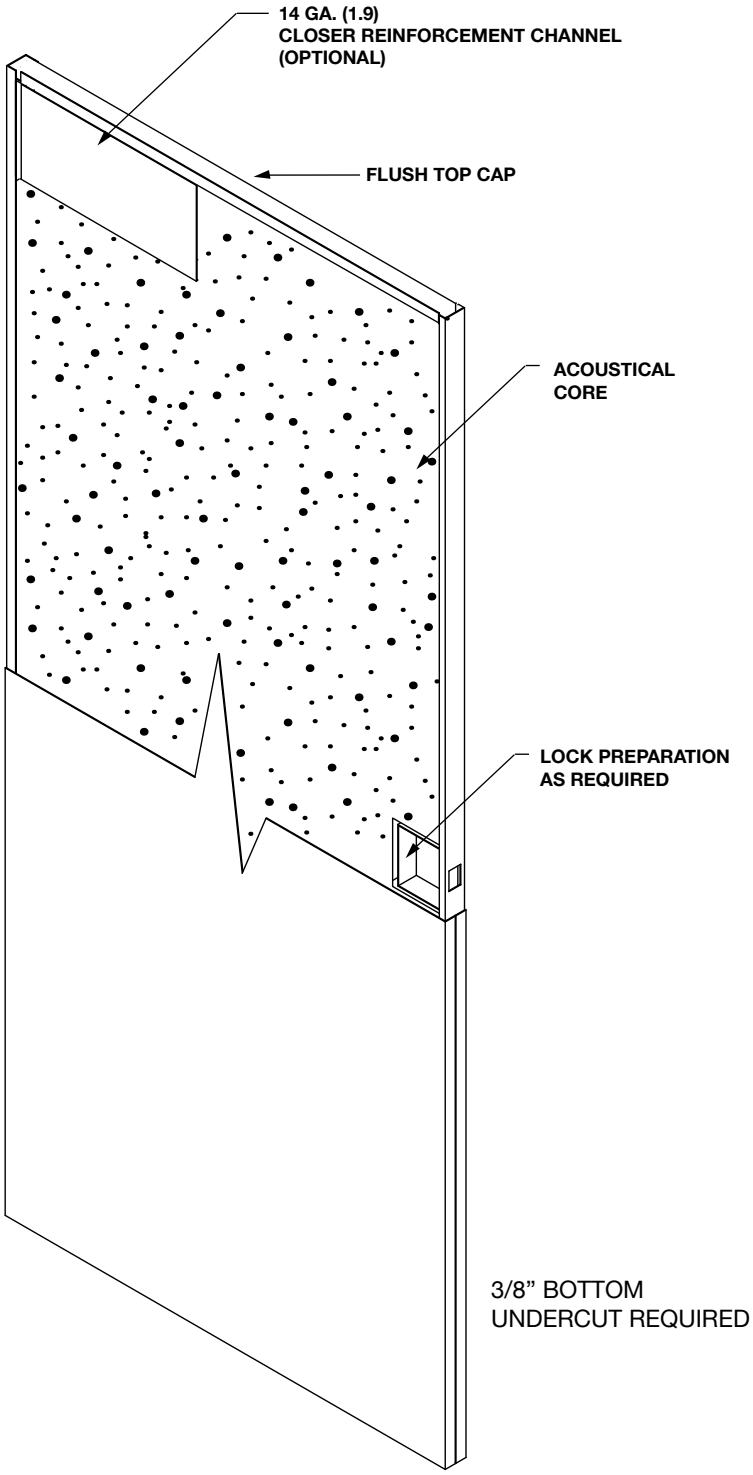
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEALS SET #41:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO 319 CN

BOTTOM:
PEMKO 2008 PK



STC 32-48 EMBOSSED PANEL
757 (STC 32) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVY WEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE:
ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 32 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 32 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 32 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

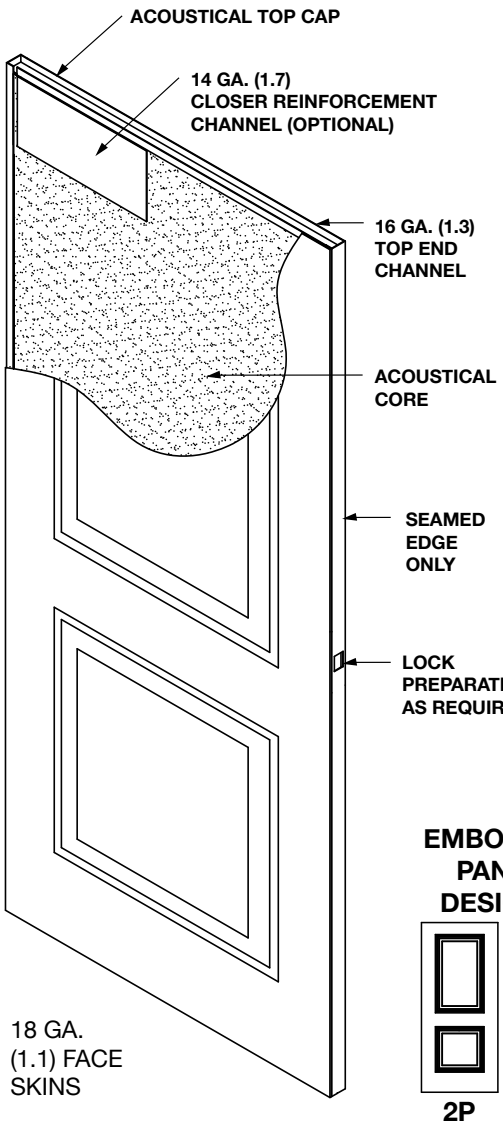
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

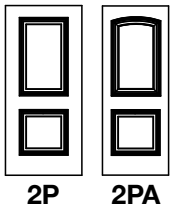
SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

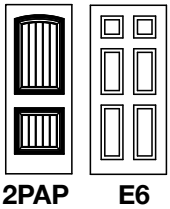
PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



EMBOSSED PANEL DESIGNS





757 (STC 33) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 33 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 33 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 33 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

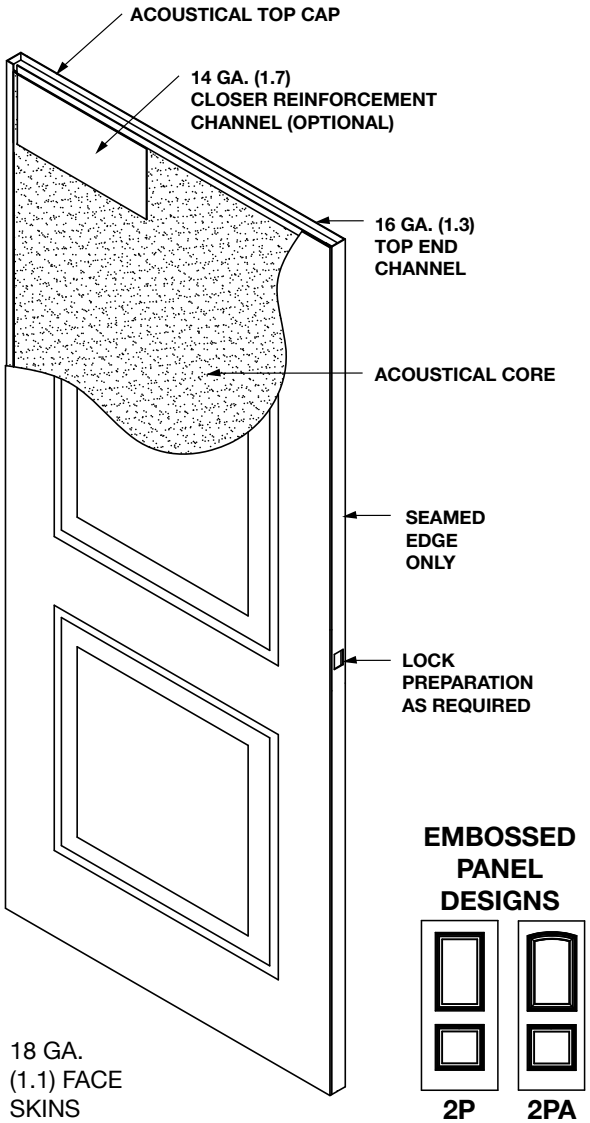
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

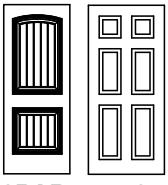
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



757 (STC 34) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 34 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 34 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 34 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

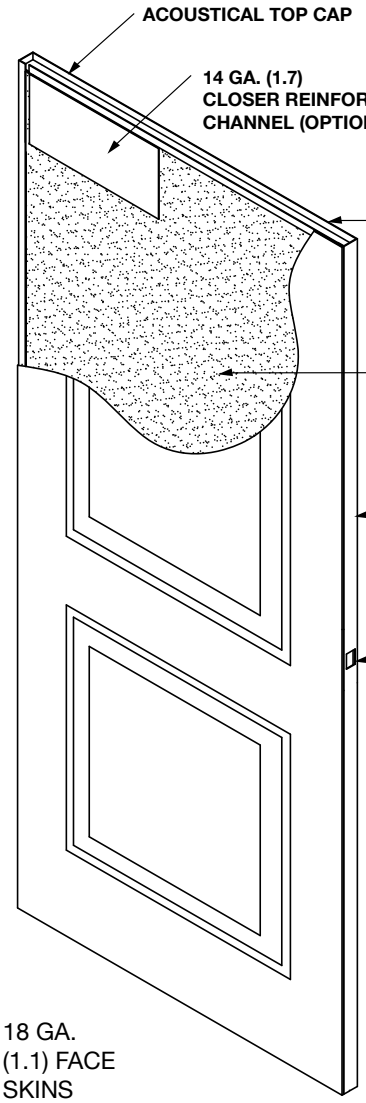
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

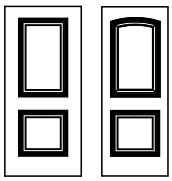
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

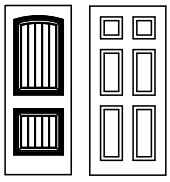


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 35) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 35 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 35 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 35 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

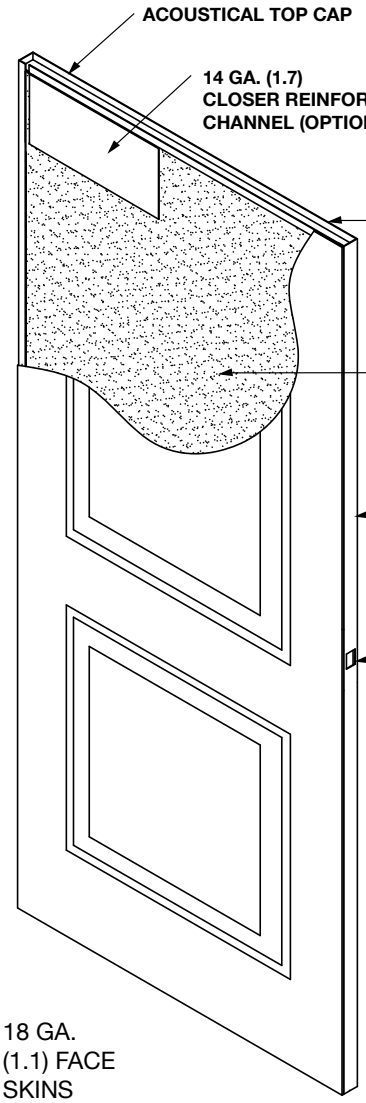
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

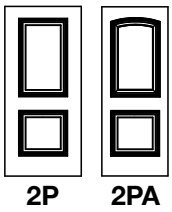
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

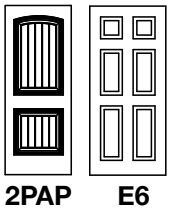


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 36) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 36 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 36 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 36 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

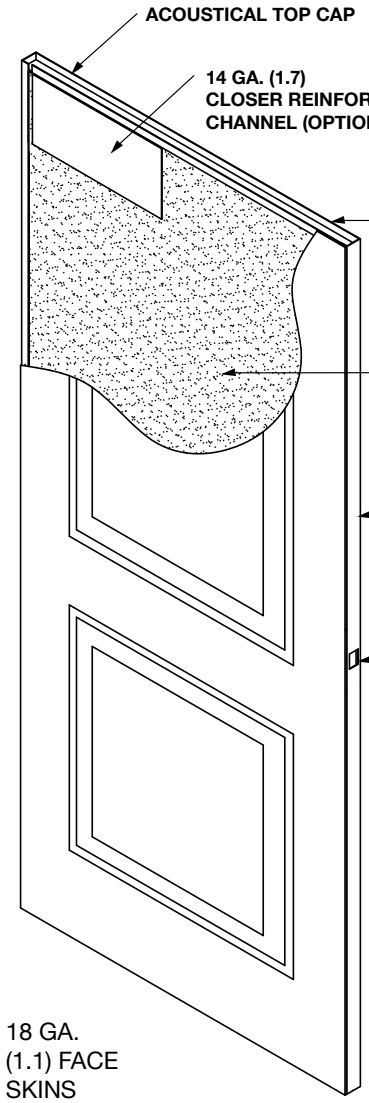
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

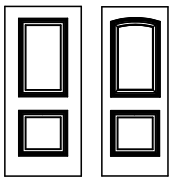
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

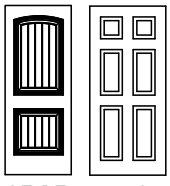


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 37) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 37 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 37 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 37 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

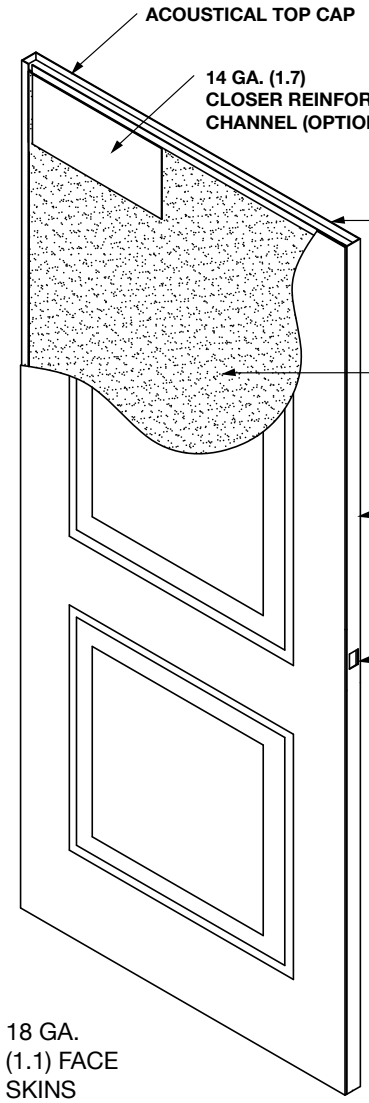
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

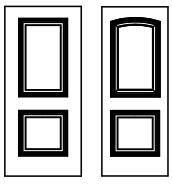
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

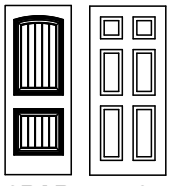


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 38) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 38 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 38 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 38 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

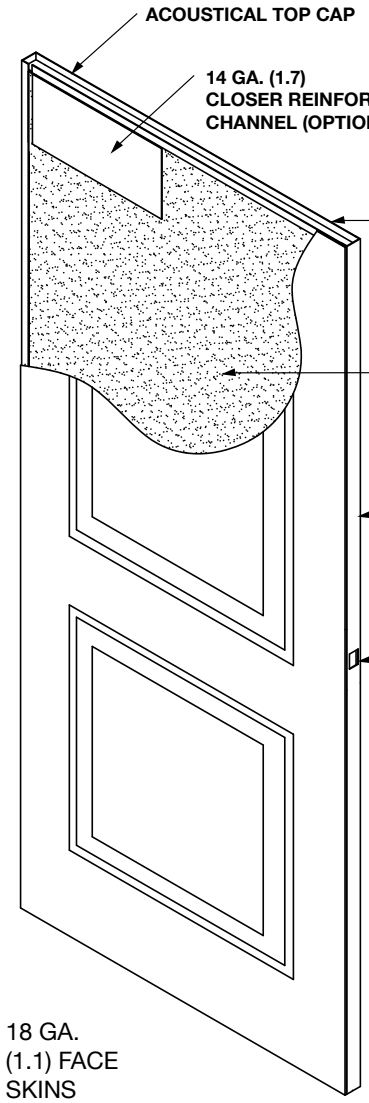
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

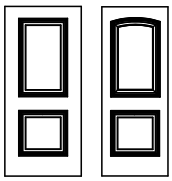
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

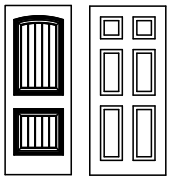


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 39) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 39 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 39 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 39 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

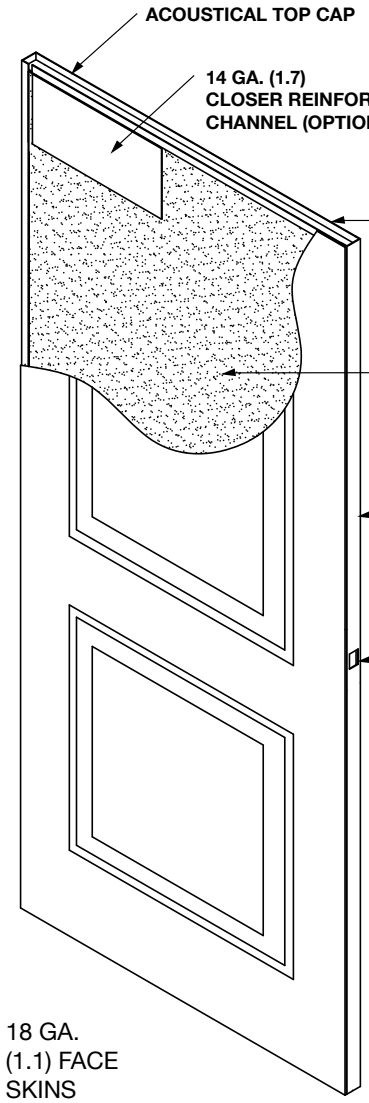
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

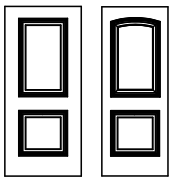
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

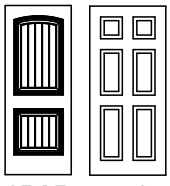


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 40) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 40 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

STC 40 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 40 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

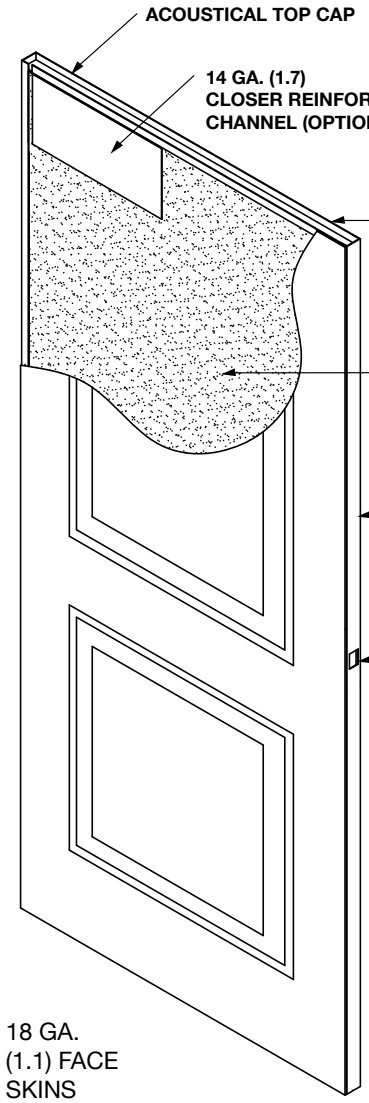
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

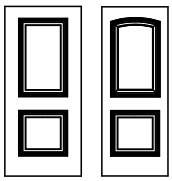
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

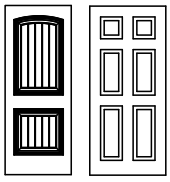


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 41) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED.*
   16 OR 14 GA., STANDARD HOLLOW METAL FRAME
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 41 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONSALLOWED.

STC 41 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 41 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

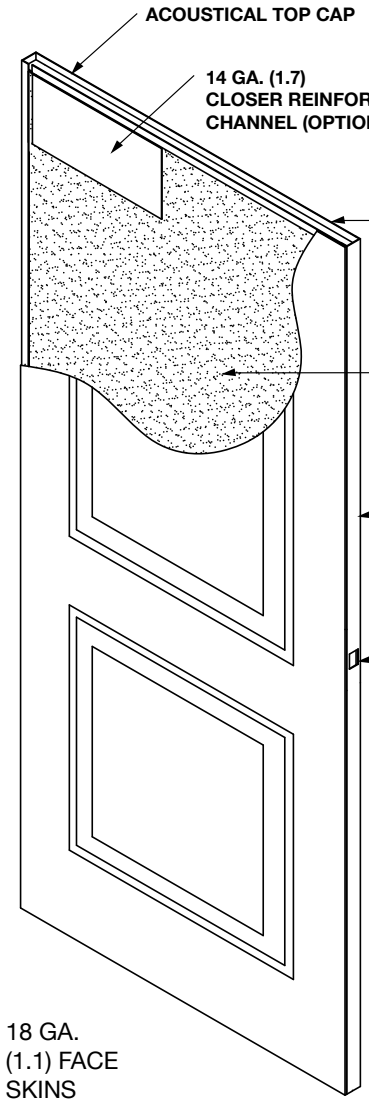
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

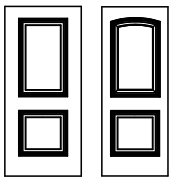
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



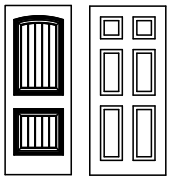
18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



2P **2PA**



2PAP **E6**

757 (STC 42) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 42 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF THREE OPTIONAL PREPARATIONSALLOWED.

STC 42 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 42 (2) PANEL WITH RIM EXIT. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.

FIRE RATING:
45 MINUTE

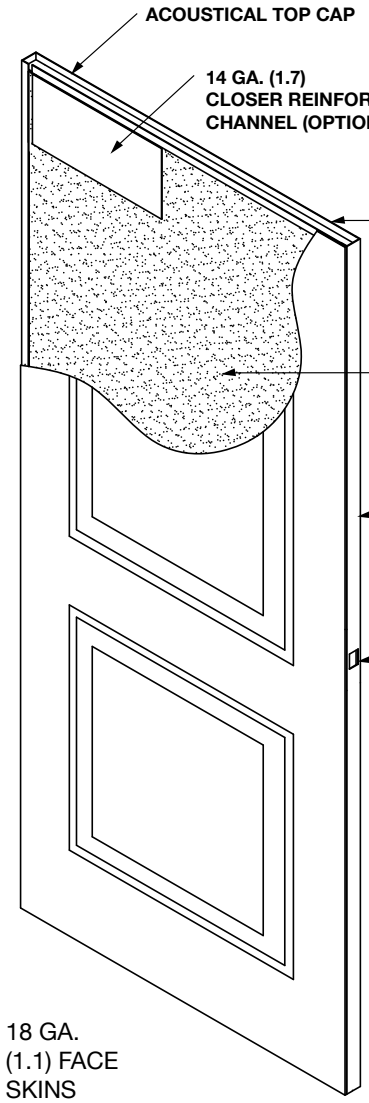
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

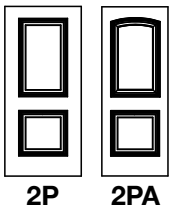
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

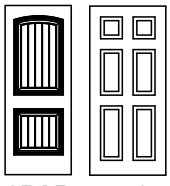


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 43) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE:
ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 43 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED..
STC 343 (6) PANEL WITH MORTISE LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 43 (6) PANEL WITH RIM EXIT. TWO OPTIONAL PREPARATIONS ALLOWED.
STC 43 (6) PANEL WITH RIM EXIT. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 43 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 43 (2) PANEL WITH MORTISE LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 43 (2) PANEL WITH RIM EXIT. ONE OPTIONAL PREPARATION ALLOWED.

FIRE RATING:
45 MINUTE

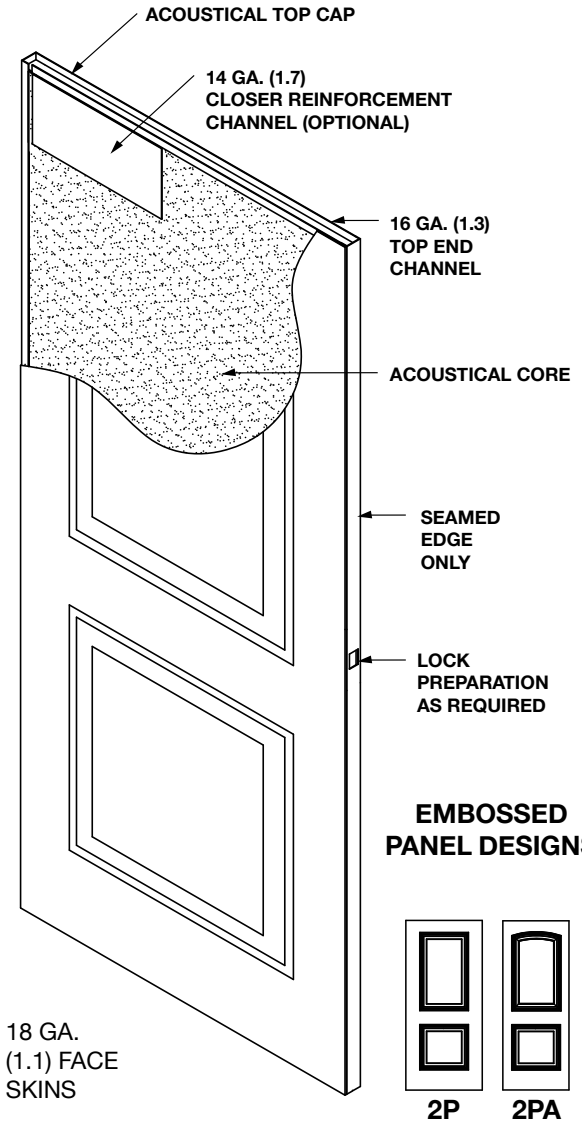
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

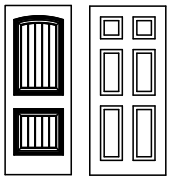
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



757 (STC 44) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 44 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF THREE OPTIONAL PREPARATIONS ALLOWED.
STC 44 (6) PANEL WITH MORTISE LOCK. TWO OPTIONAL PREPARATIONS ALLOWED.
STC 44 (6) PANEL WITH RIM EXIT. ONE OPTIONAL PREPARATION ALLOWED.

STC 44 (2) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 44 (2) PANEL WITH MORTISE LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 44 (2) PANEL WITH RIM EXIT. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

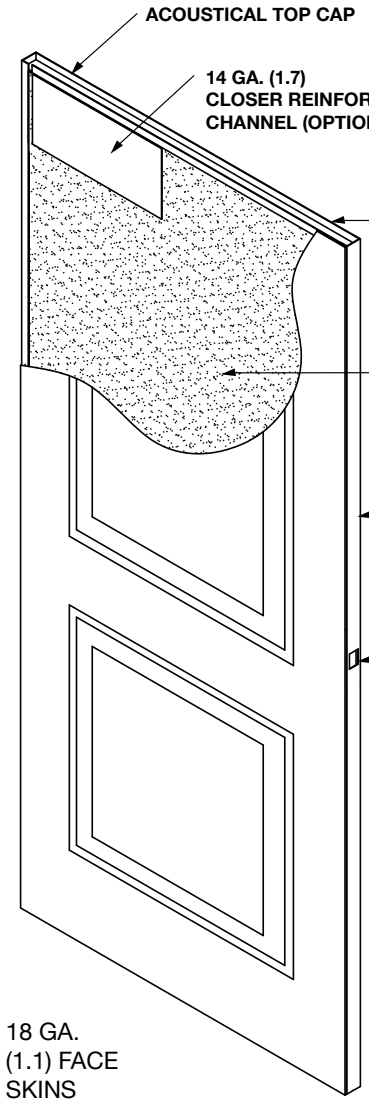
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

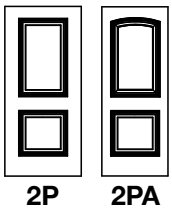
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

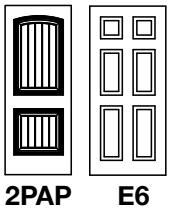


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

EMBOSSED PANEL DESIGNS





(STC 45) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 45 (6) PANEL WITH CYLINDRICAL LOCK. ANY COMBINATION OF TWO OPTIONAL PREPARATIONS ALLOWED.
STC 45 (6) PANEL WITH MORTISE LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 45 (6) PANEL WITH RIM EXIT. ADDITIONAL OPTIONS NOT ALLOWED.

STC 45 (2) PANEL WITH CYLINDRICAL LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 45 (2) PANEL WITH MORTISE LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

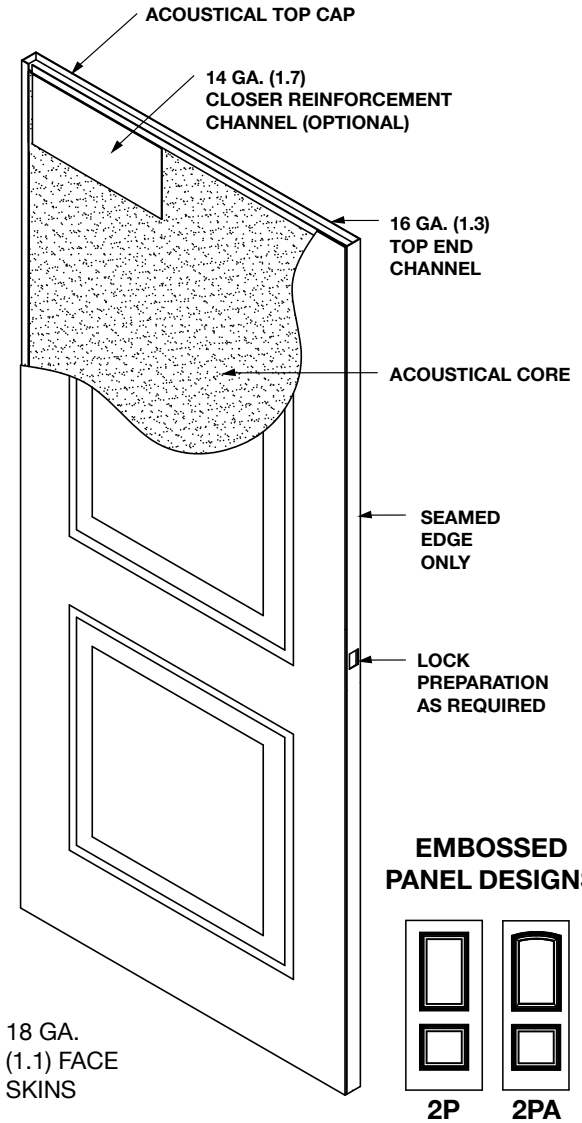
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

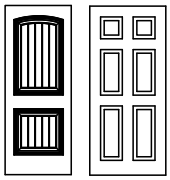
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



757 (STC 46) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 46 (6) PANEL WITH CYLINDRICAL LOCK. ONE OPTIONAL PREPARATION ALLOWED.
STC 46 (6) PANEL WITH MORTISE LOCK, ADDITIONAL OPTIONS NOT ALLOWED.
STC 46 (2) PANEL WITH CYLINDRICAL LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

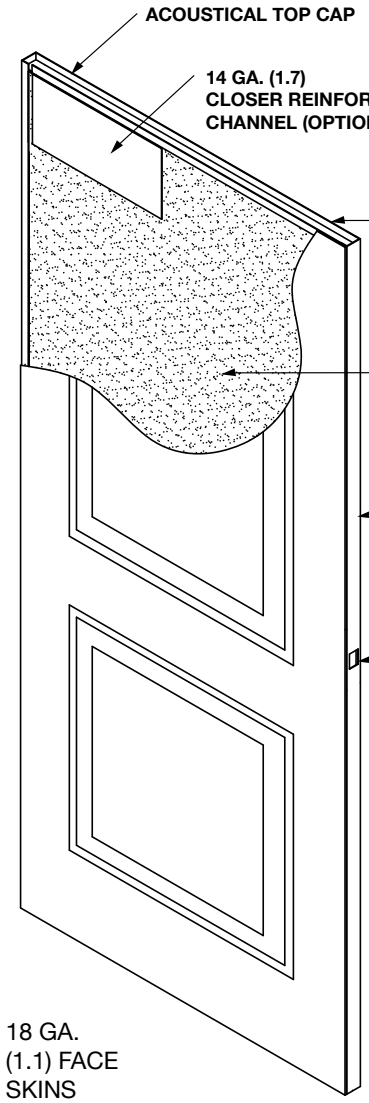
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

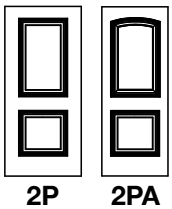
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112

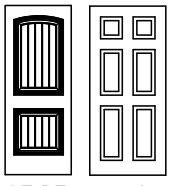


18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS





757 (STC 47) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

OPTIONAL HARDWARE PREPARATIONS ARE: ELECTRICAL POWER TRANSFER (EPT), MAG SWITCH AND DEADBOLT
STC 47 (6) PANEL WITH CYLINDRICAL LOCK. ADDITIONAL OPTIONS NOT ALLOWED.

FIRE RATING:
45 MINUTE

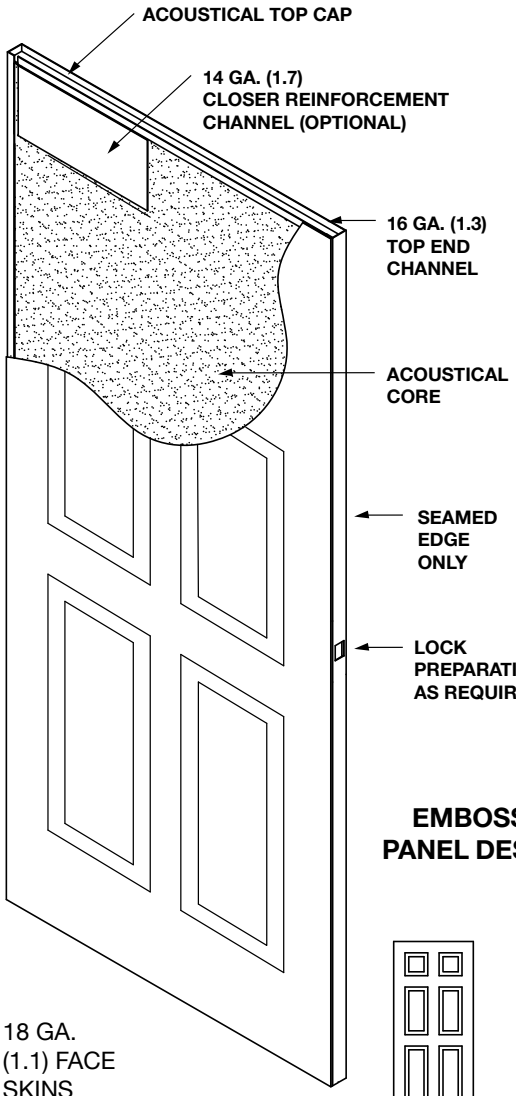
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (6 PANEL)
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 7'0" SINGLE (6 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

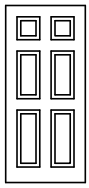
BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT
REQUIRED

EMBOSSED PANEL DESIGNS



E6

757 (STC 47) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS:
STC 47 CYLINDRICAL LOCK ONLY

FIRE RATING:
45 MINUTE

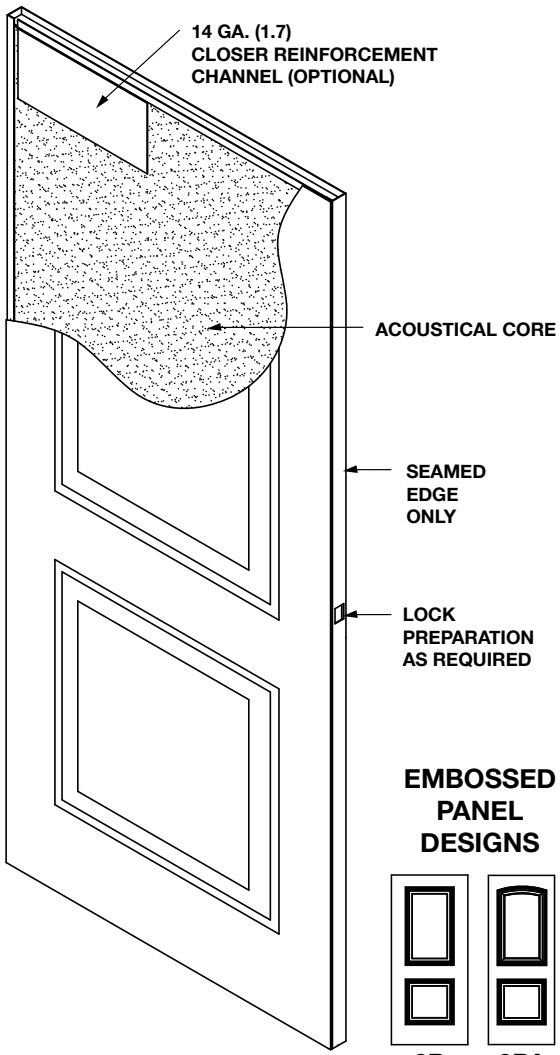
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

SEAL SET #2:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO 312 CR

BOTTOM:
PEMKO 2008 PK



EMBOSSED PANEL DESIGNS

2P **2PA**

18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

2PAP

757 (STC 48) SOUND DOOR CONSTRUCTION - EMBOSSED PANEL

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/ FRAME*
5. *THE FRAME MUST BE MORAR ILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GA., STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS:
STC 48 CYLINDRICAL LOCK ONLY

FIRE RATING:
45 MINUTE

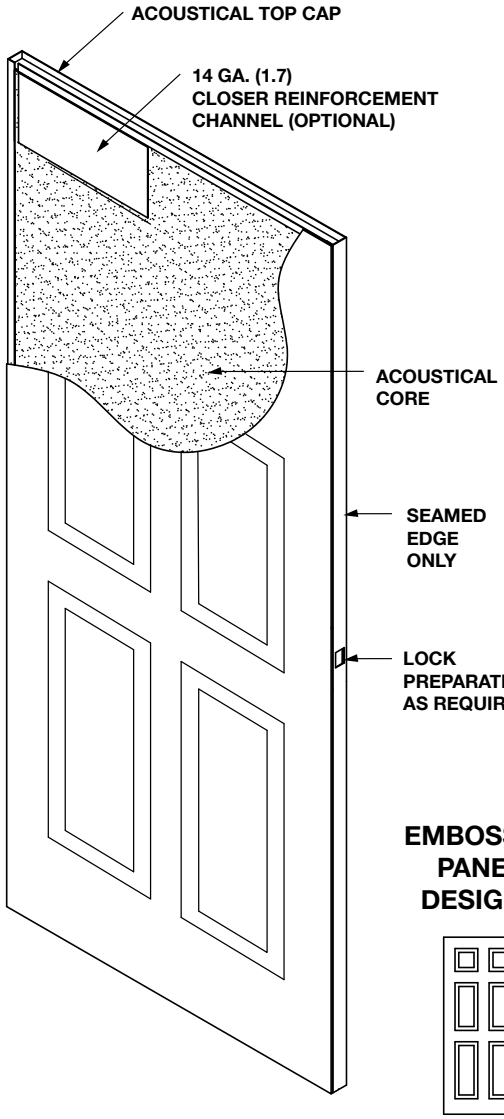
OPENING SIZES:
MINIMUM SIZE - 2'8" X 6'8" SINGLE (2 PANEL)
MAXIMUM SIZE - 3'0" X 8'0" SINGLE (2 PANEL)

FACE TYPES:
NO LITES ALLOWED

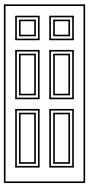
SEAL SET #2:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO 312 CR

BOTTOM:
PEMKO 2008 PK



EMBOSSED PANEL DESIGNS



E6

18 GA.
(1.1) FACE
SKINS

3/8" BOTTOM UNDERCUT REQUIRED

STC 32-48 GLAZED RATED 757 (STC 32) SOUND DOOR CONSTRUCTION - WITH GLASS

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² OF 5/16" PYRAN GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

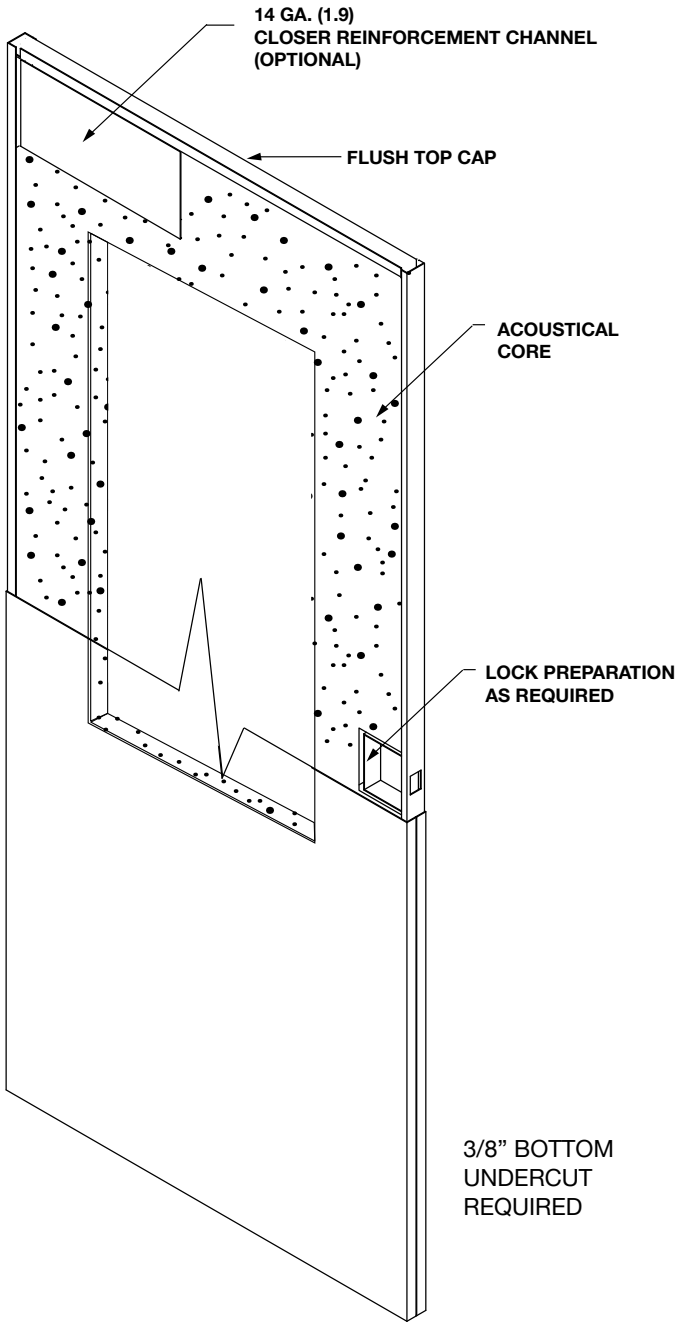
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 33) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN²OF 5/16" PYRAN GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

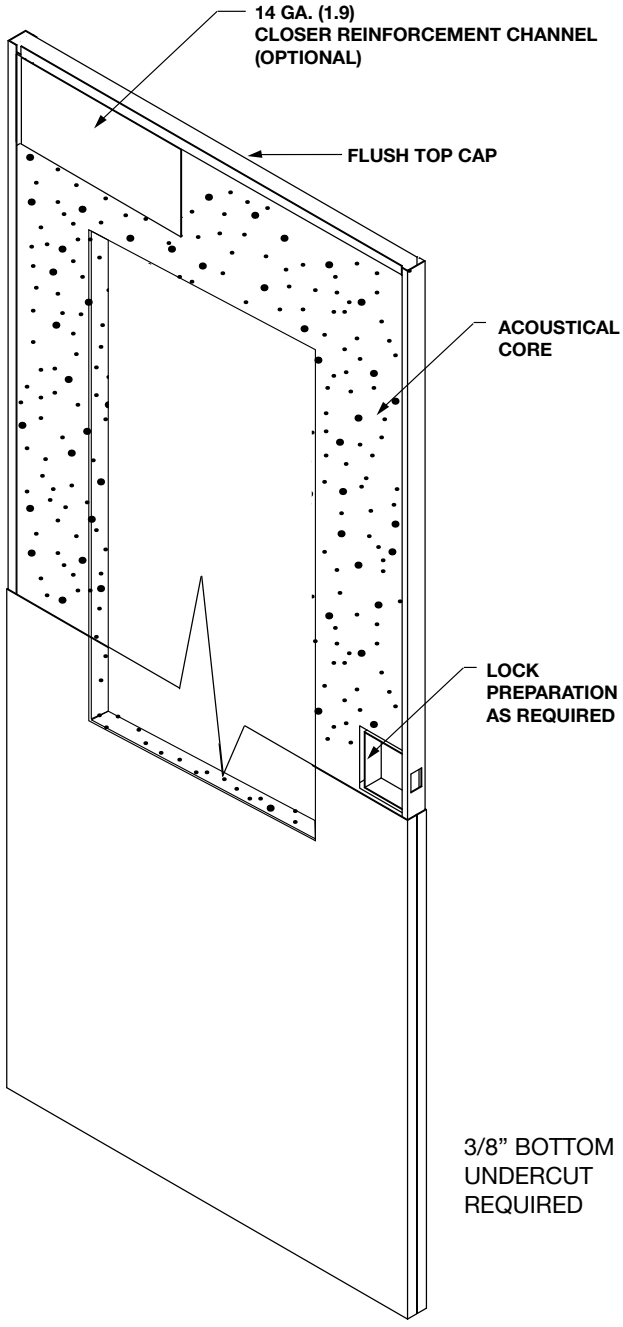
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 34) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² OF 5/16" PYRAN GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

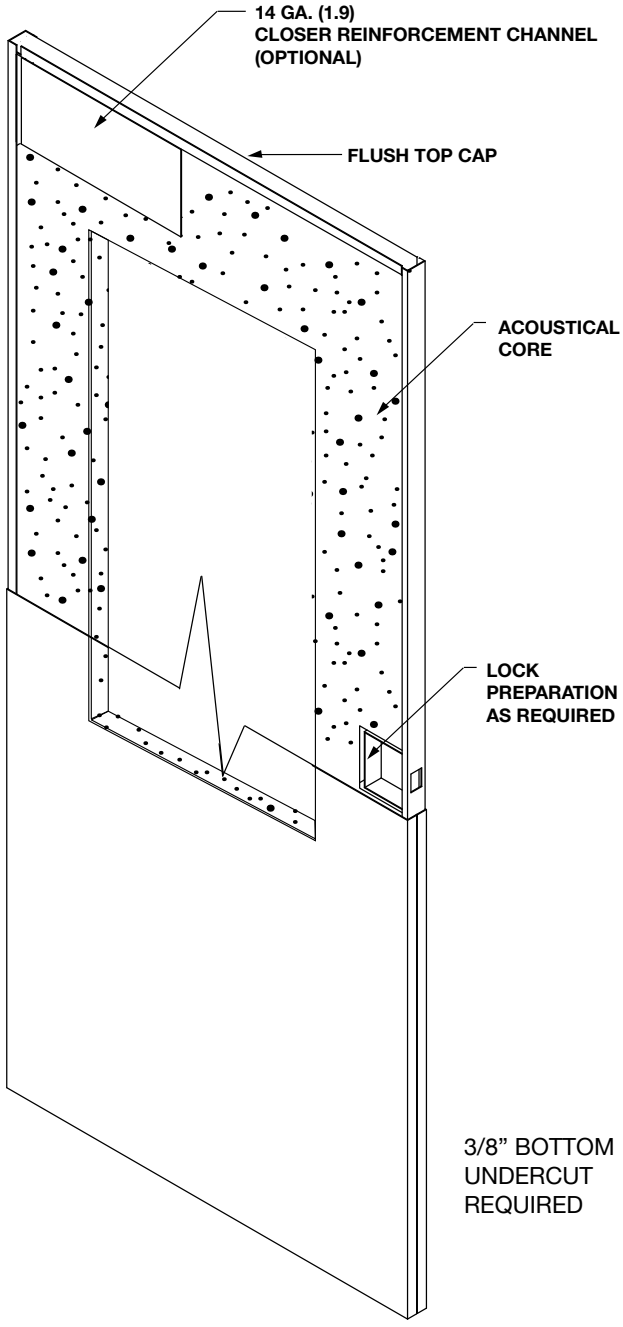
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 35) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

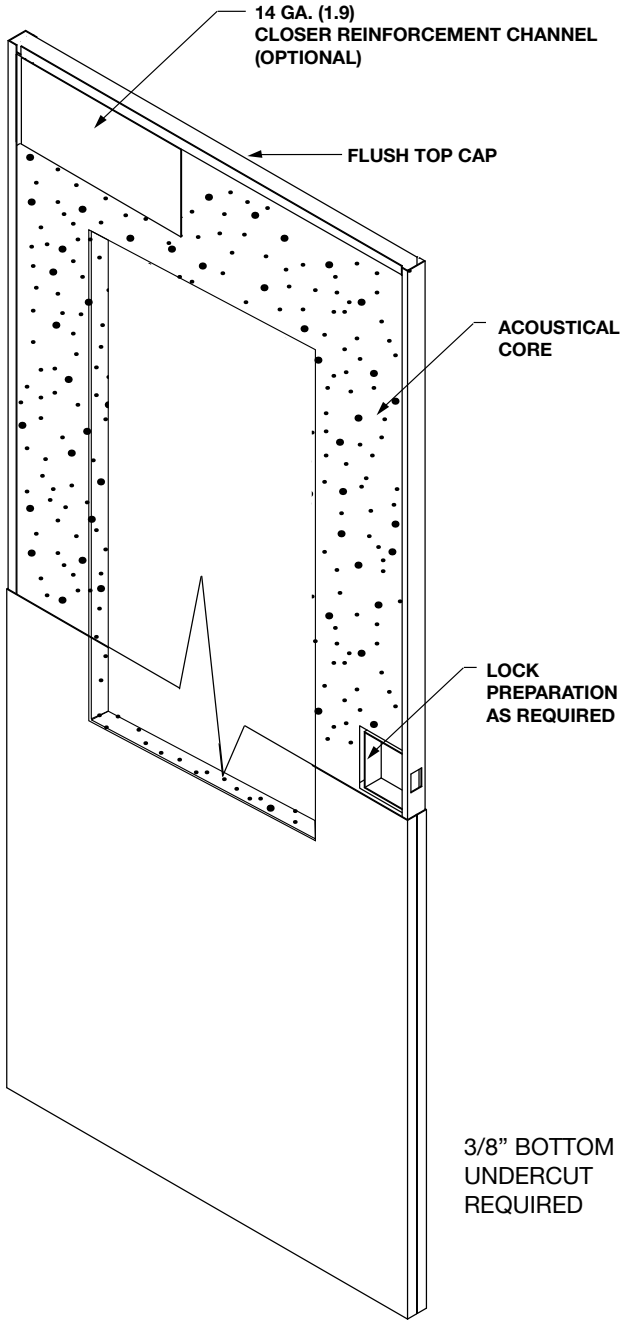
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 36) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

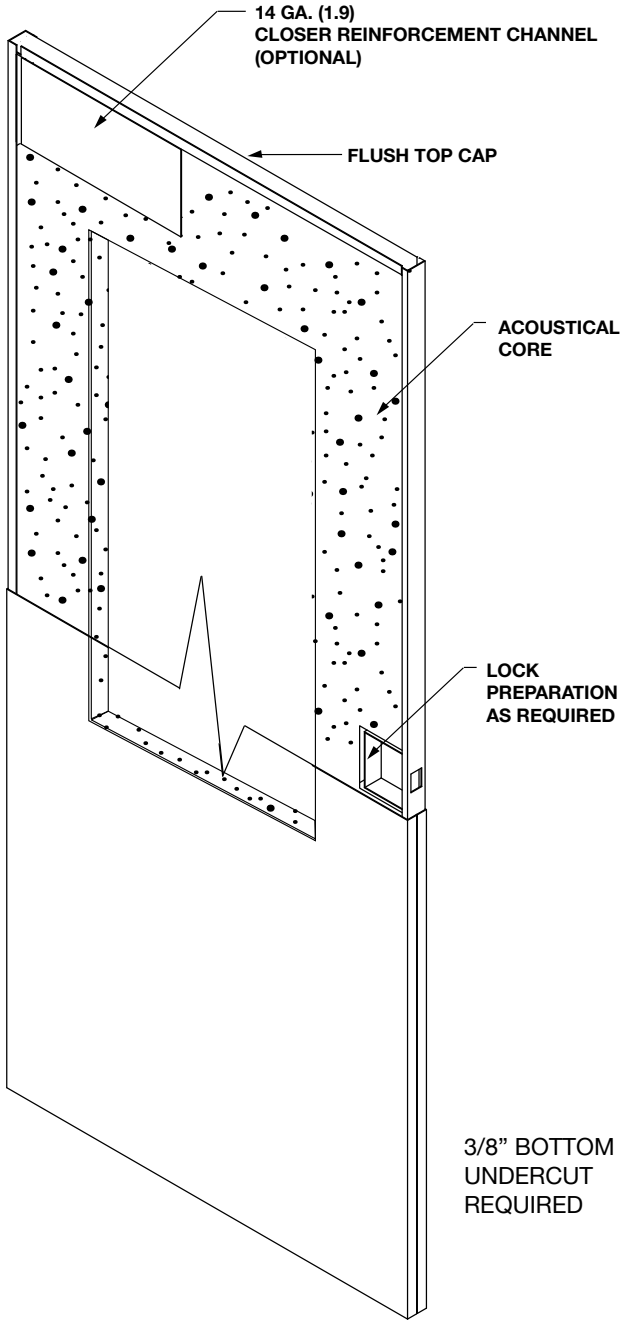
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 37) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

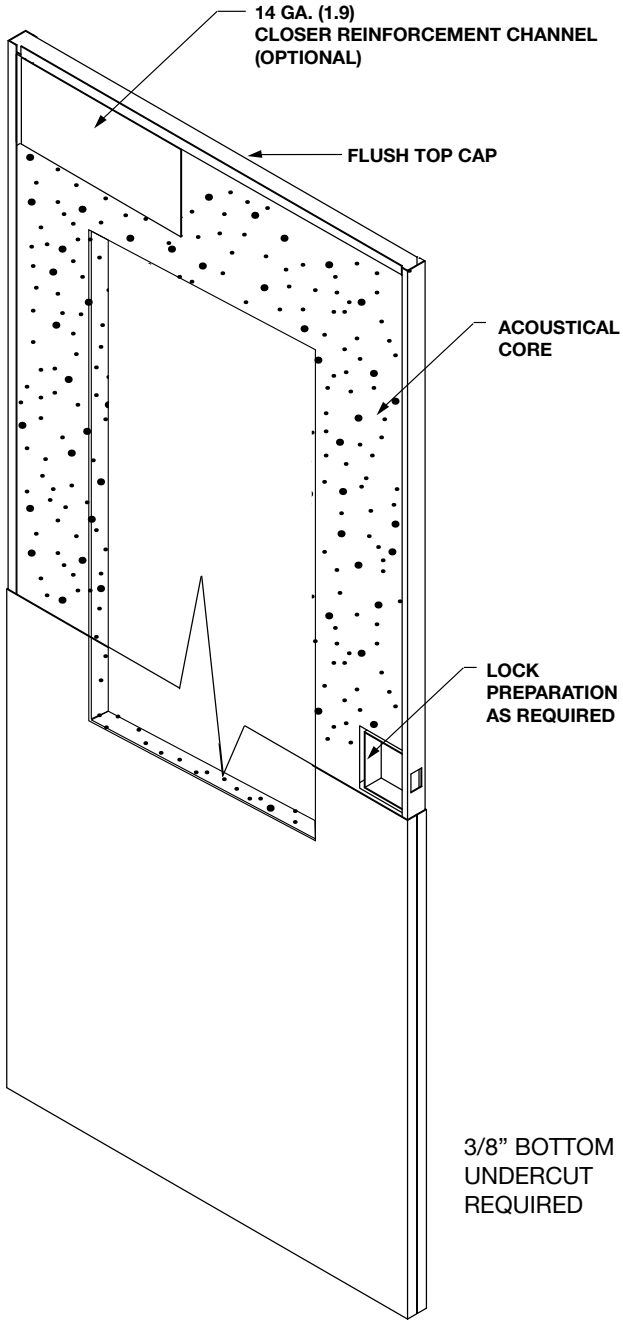
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 38) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

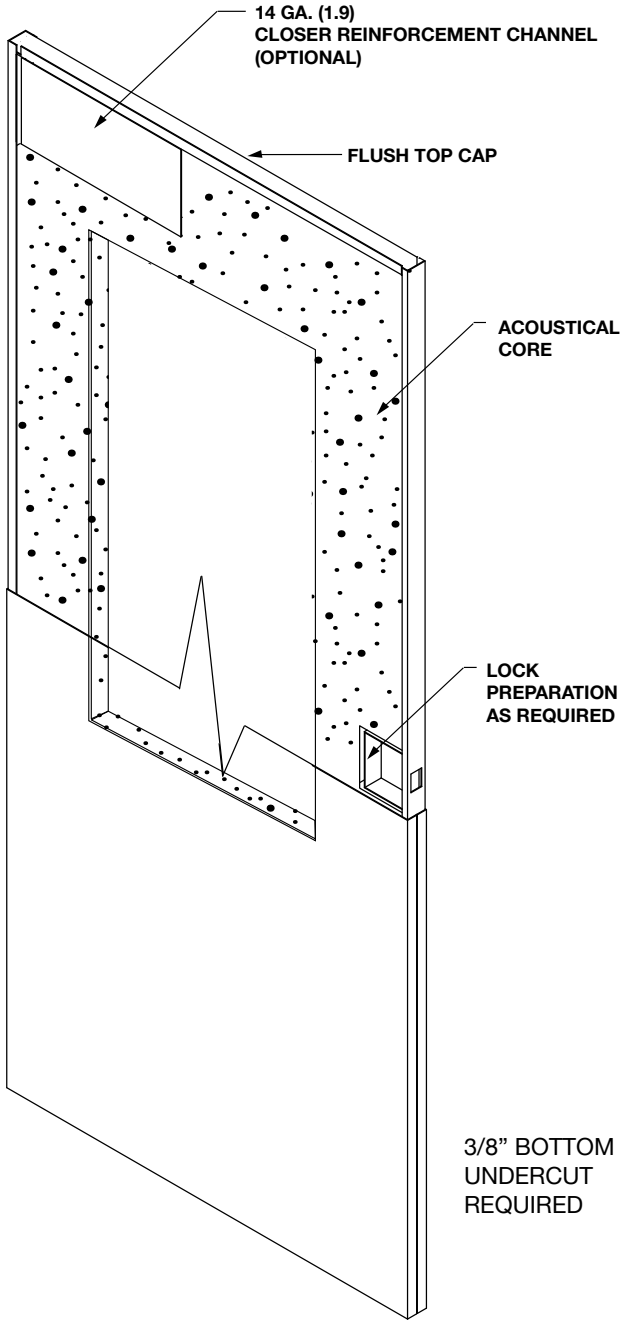
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 39) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

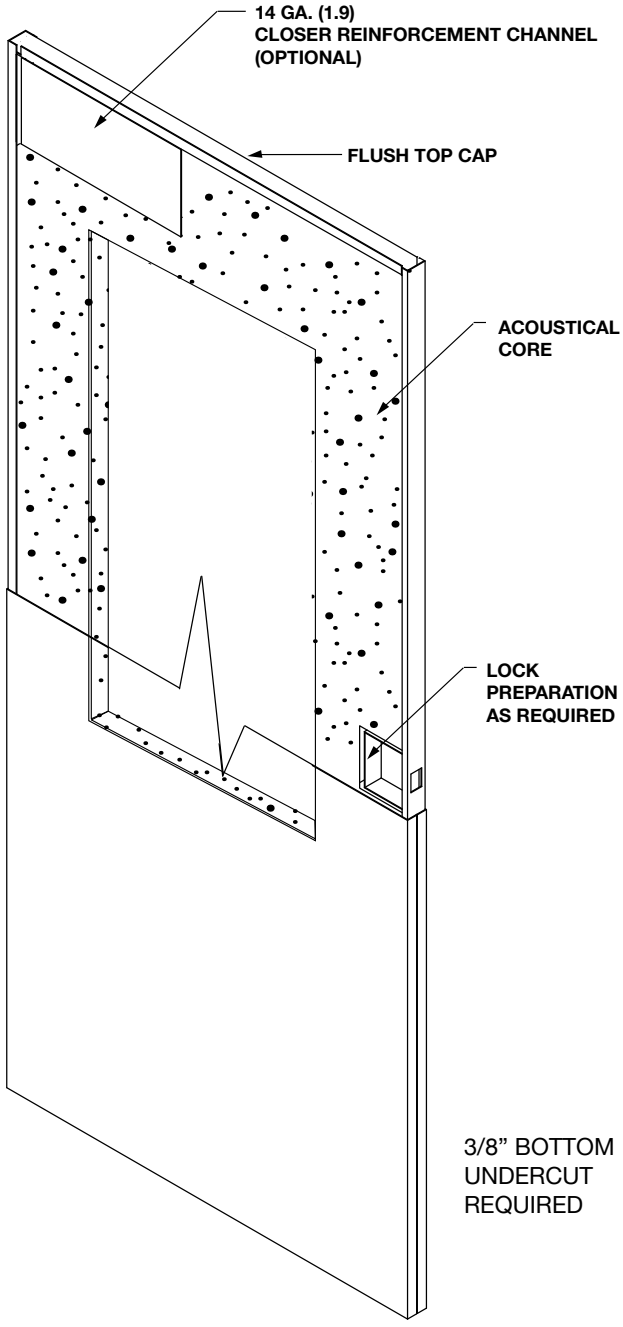
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 40) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 40 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 40 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

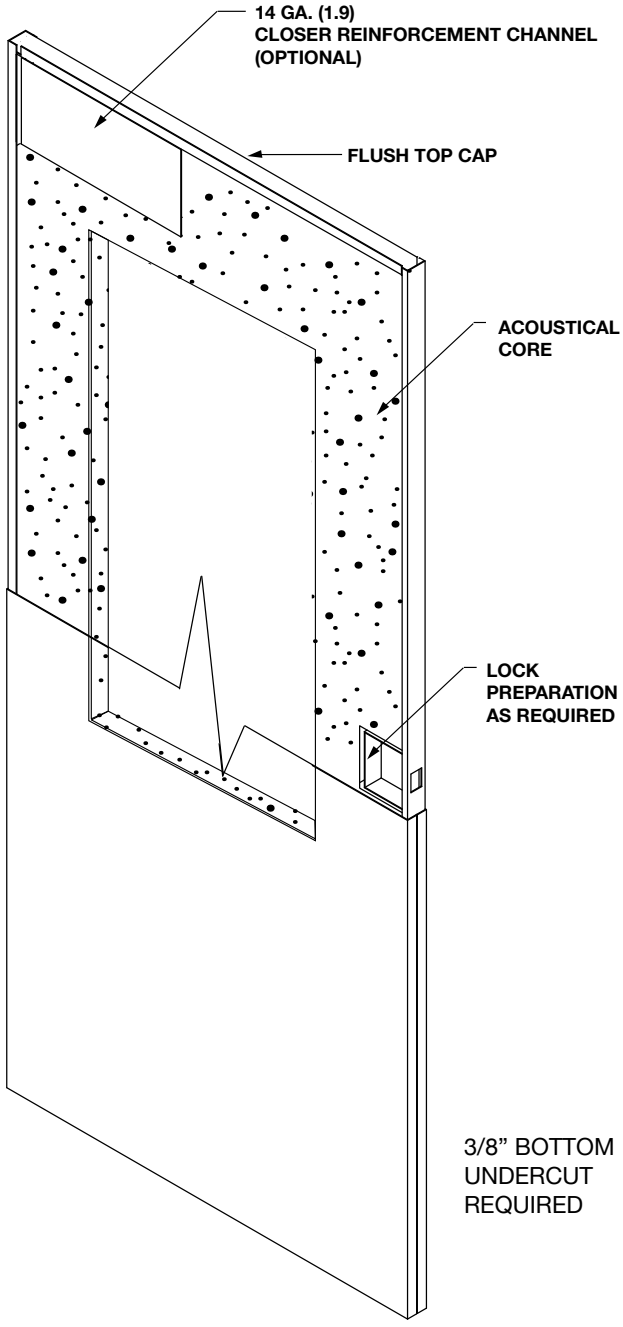
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 40 WITH CYLINDRICAL OR MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 41) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 41 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 41 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

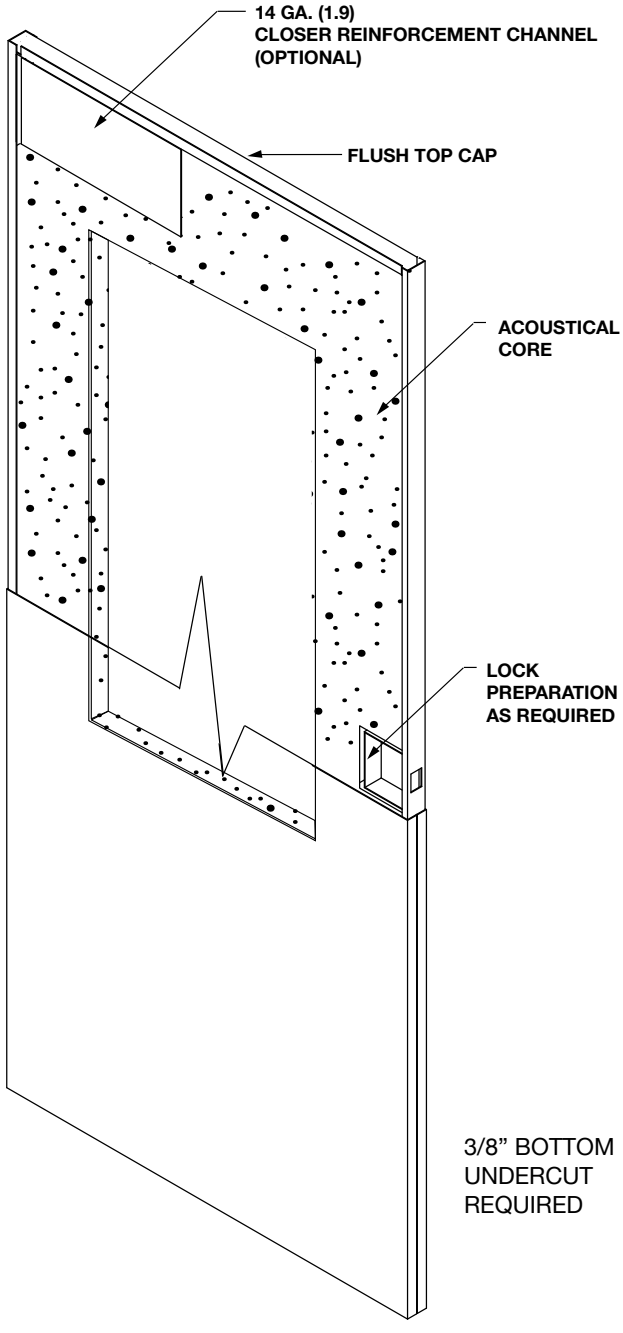
STC 41 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 42) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGH*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 42 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

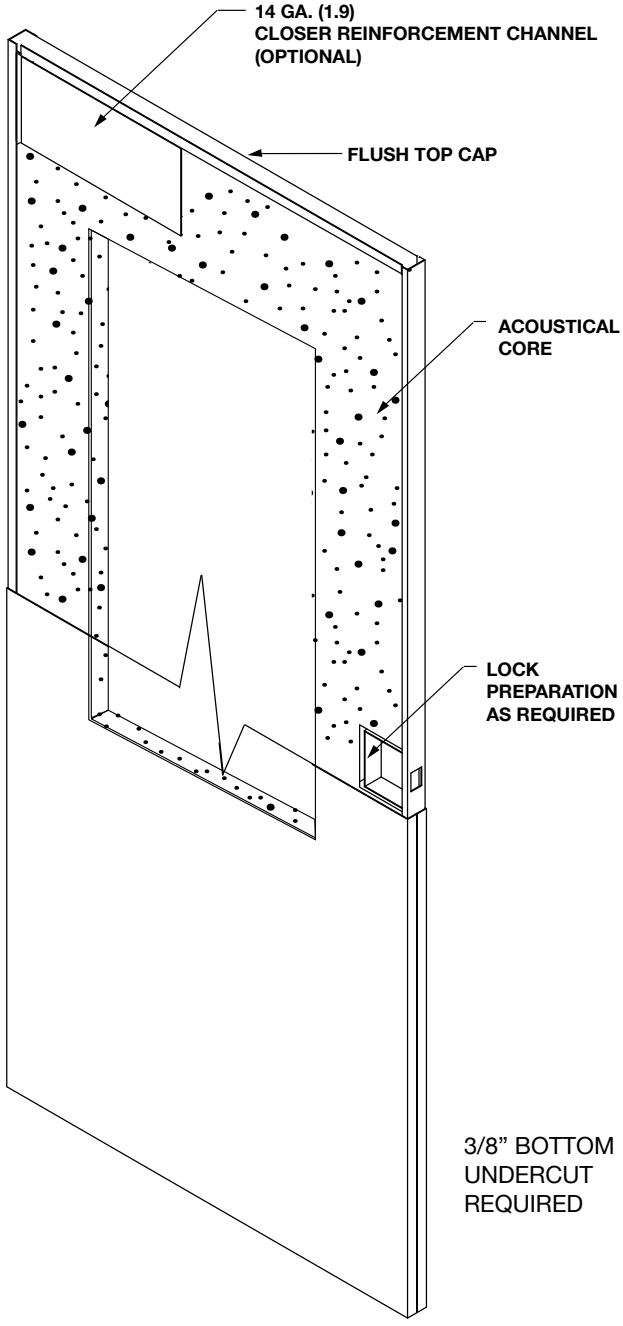
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 42 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 43) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 43 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

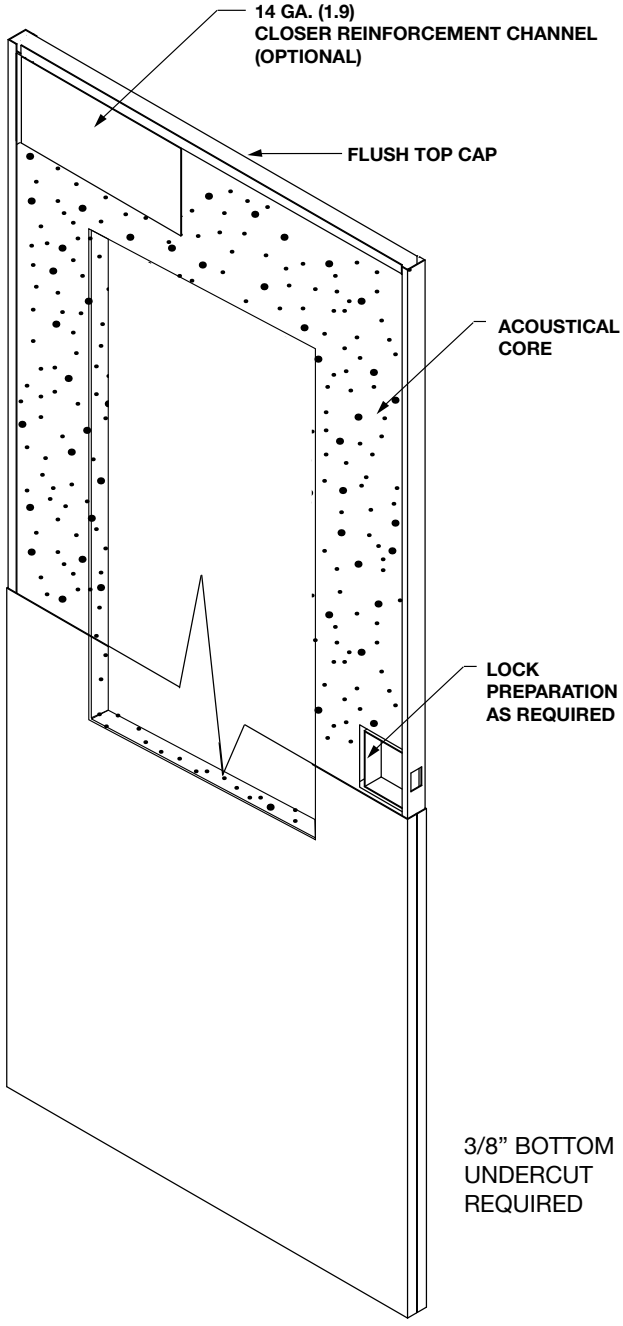
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 43 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 44) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 44 WITH CYLINDRICAL OR MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

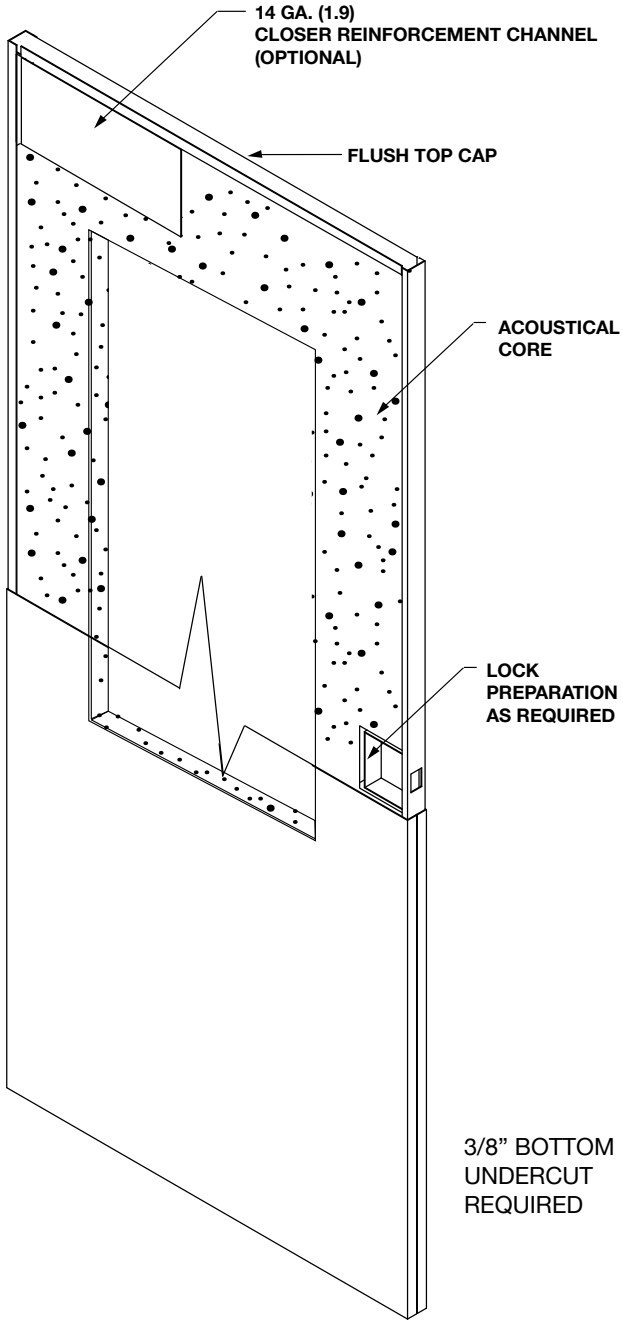
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 44 WITH CYLINDRICAL, MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 45) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 45 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

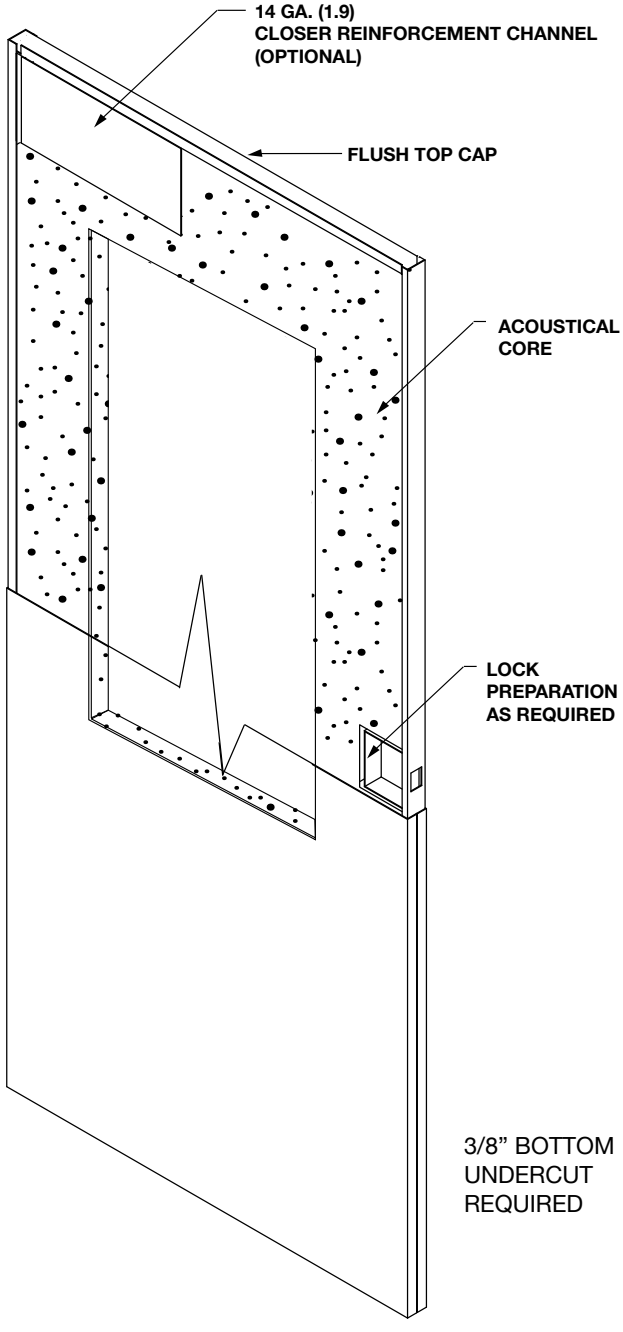
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 45 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 46) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

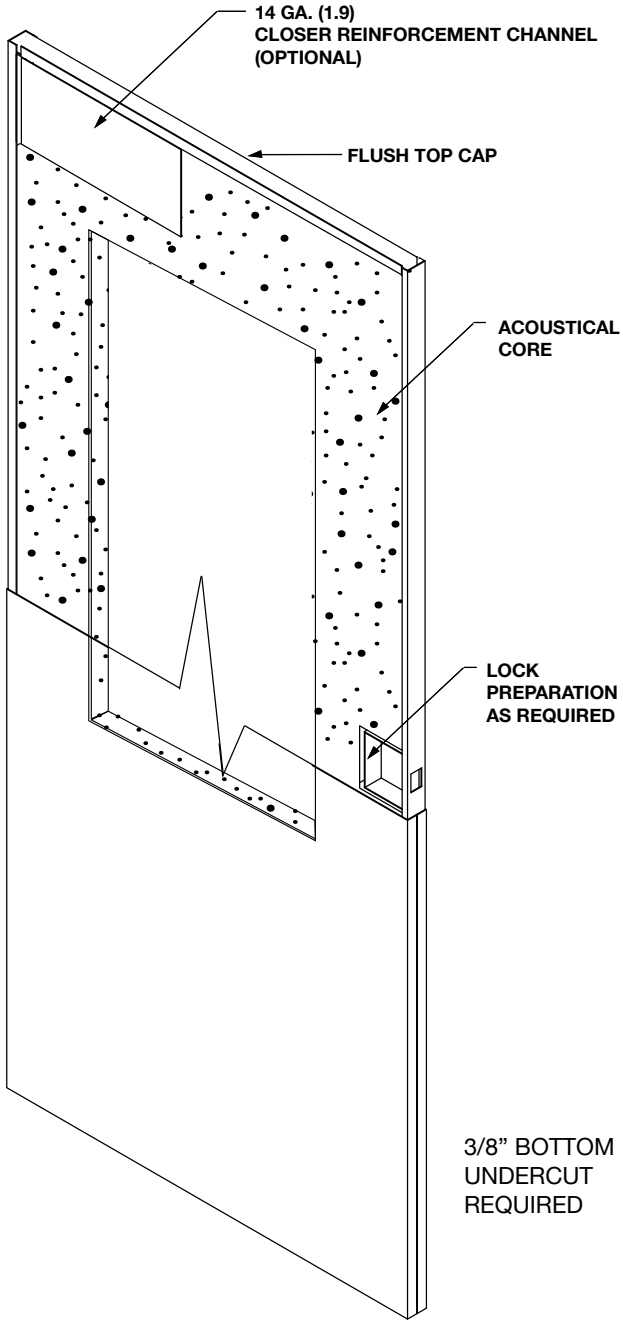
HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 46 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 47) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

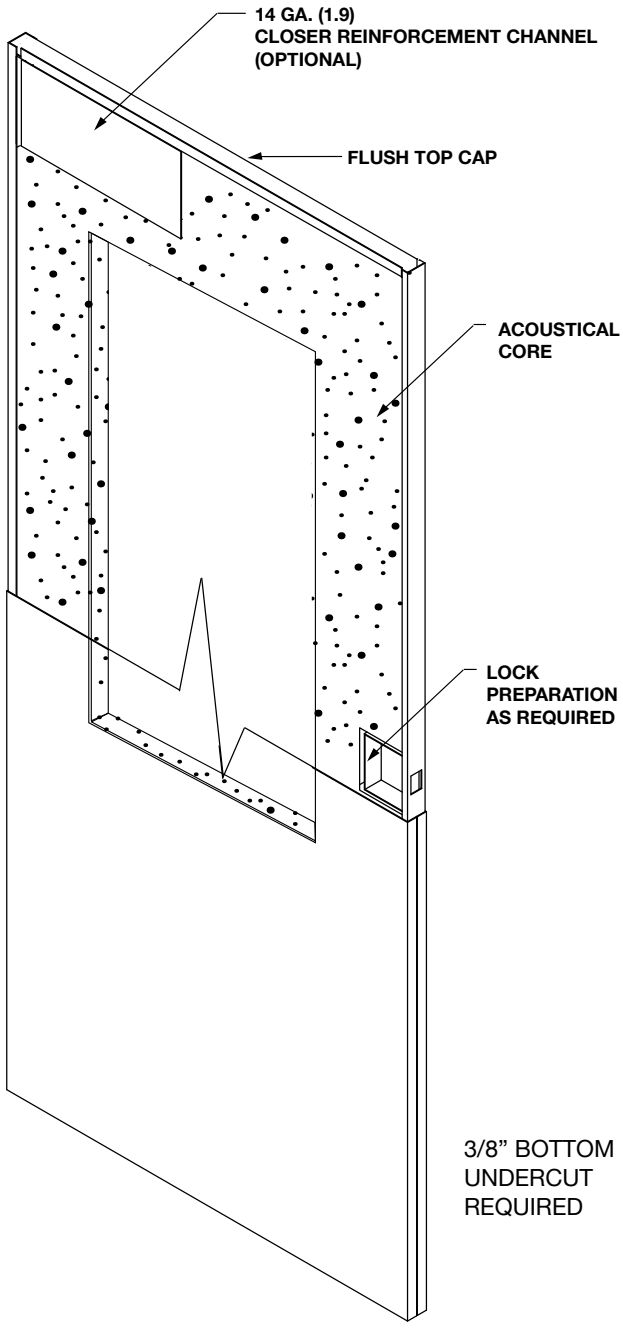
HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 47 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 48) SOUND DOOR CONSTRUCTION - WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

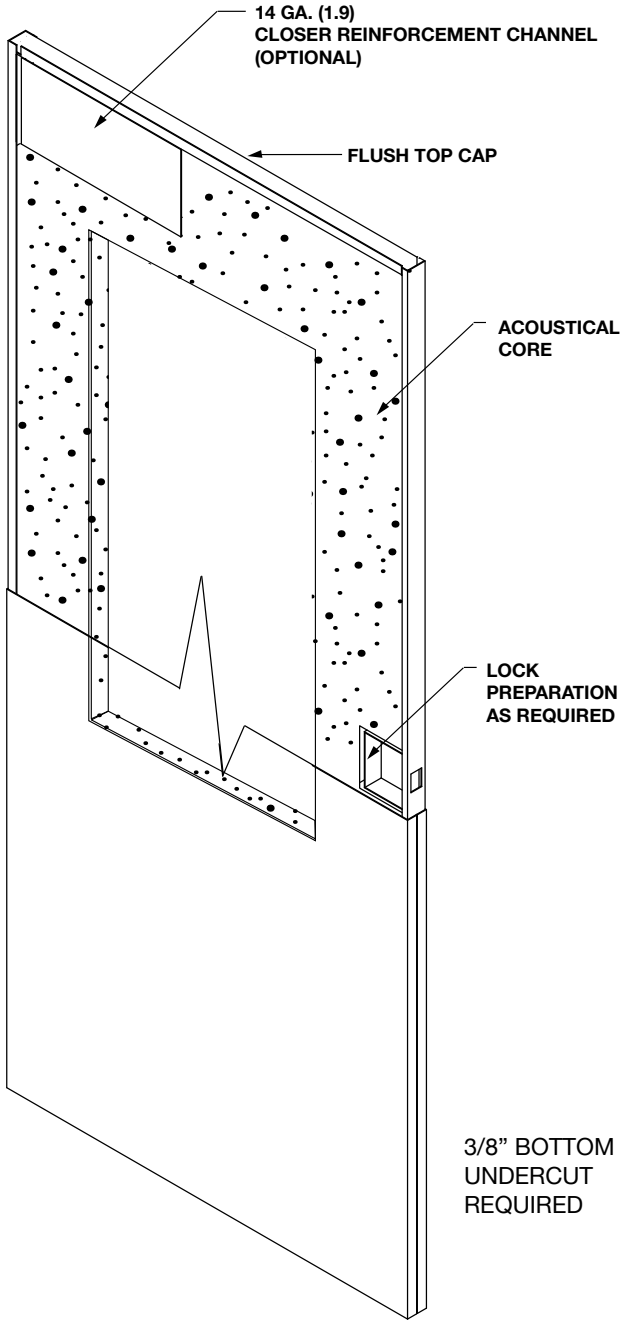
HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 48 WITH CYLINDRICAL ONLY AND MAY INCUDE UP TO AND INCUDING A 3 HOUR FIRE RATING.

OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #6:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO S771 (2)
PEMKO 2008 PK
PEMKO ACP 112



STC 32-49 PAIRED NON-RATED
757 (STC 32) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

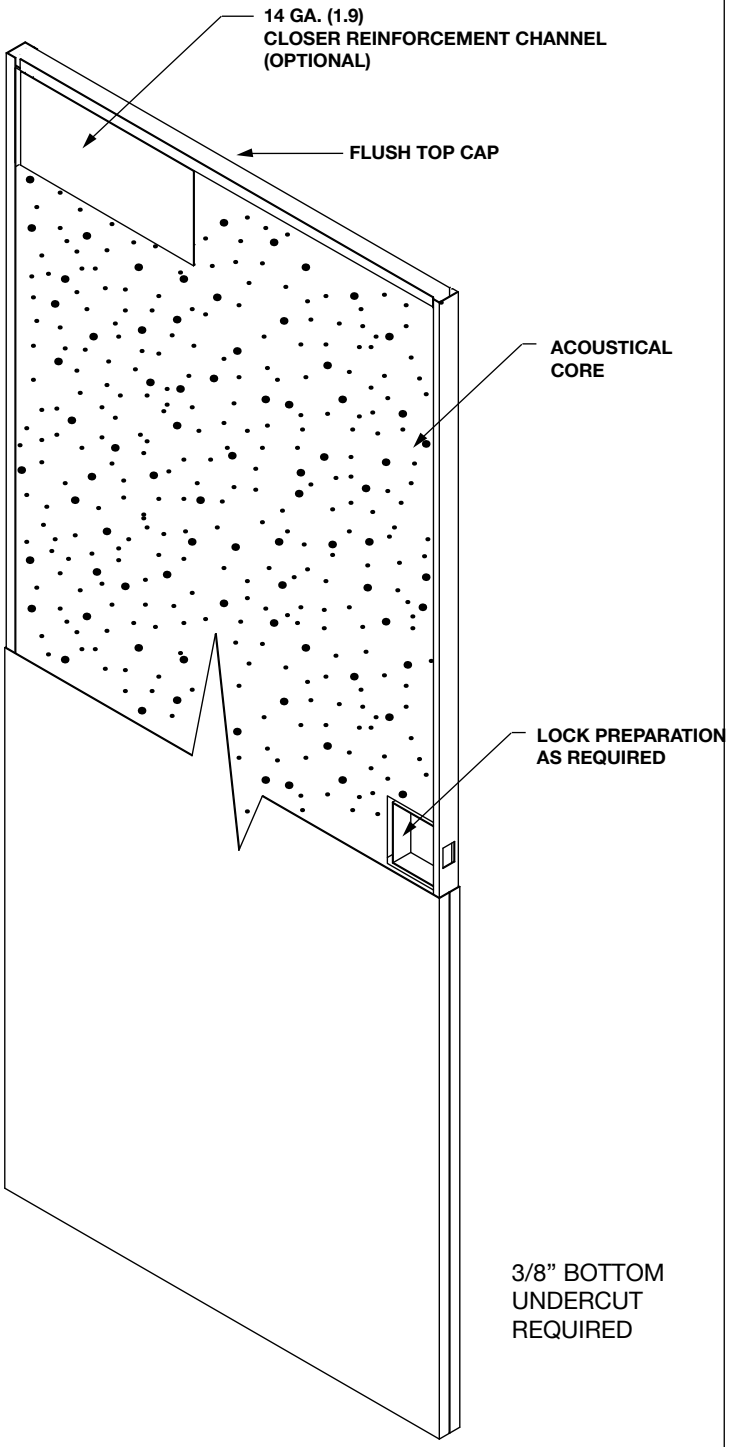
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 33) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

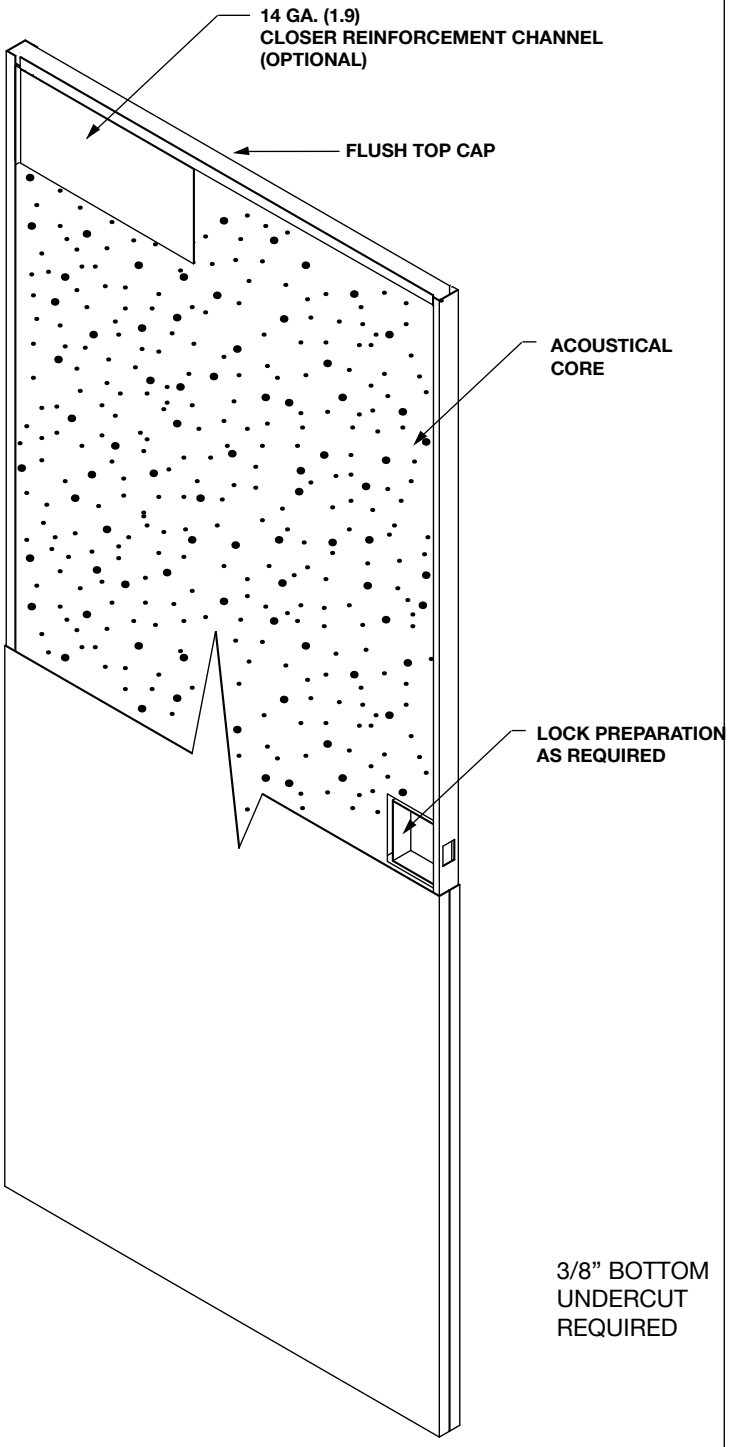
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 34) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

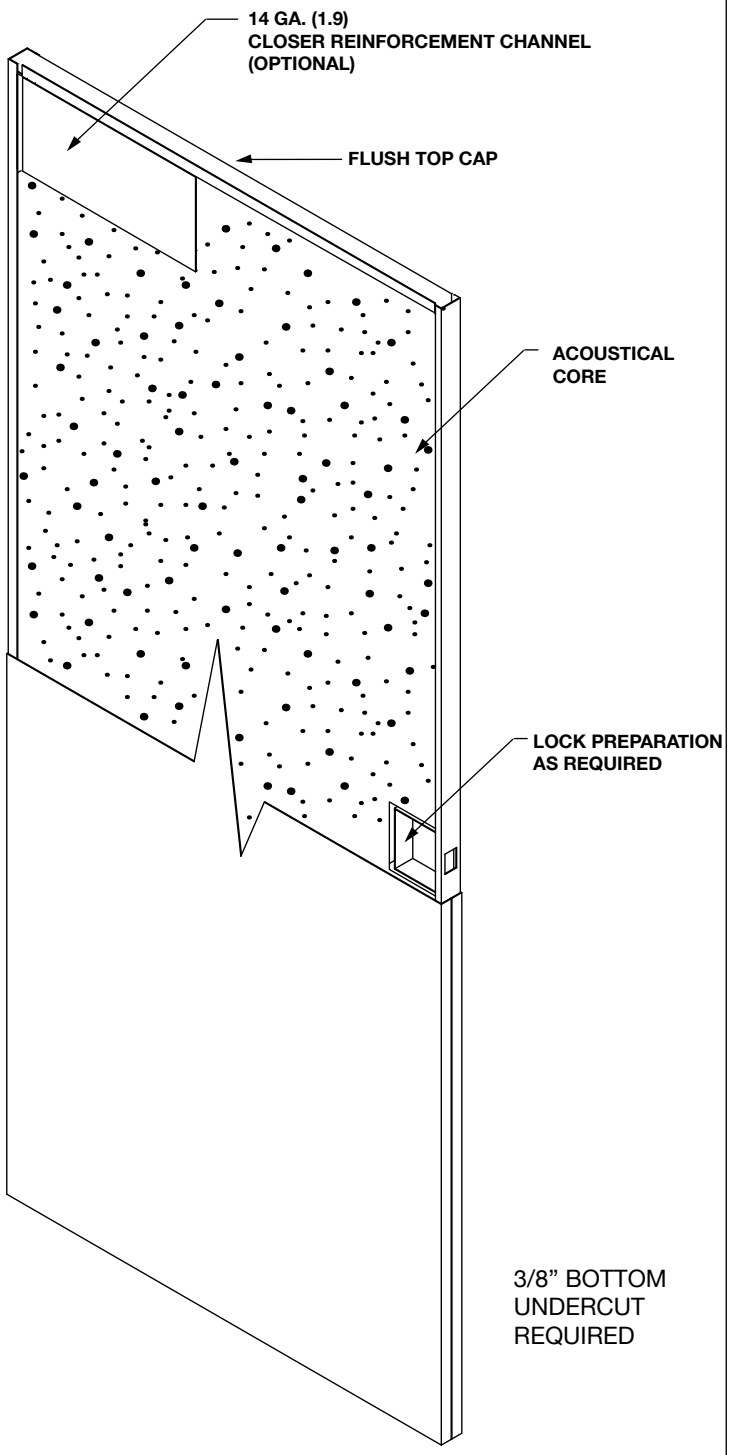
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 35) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

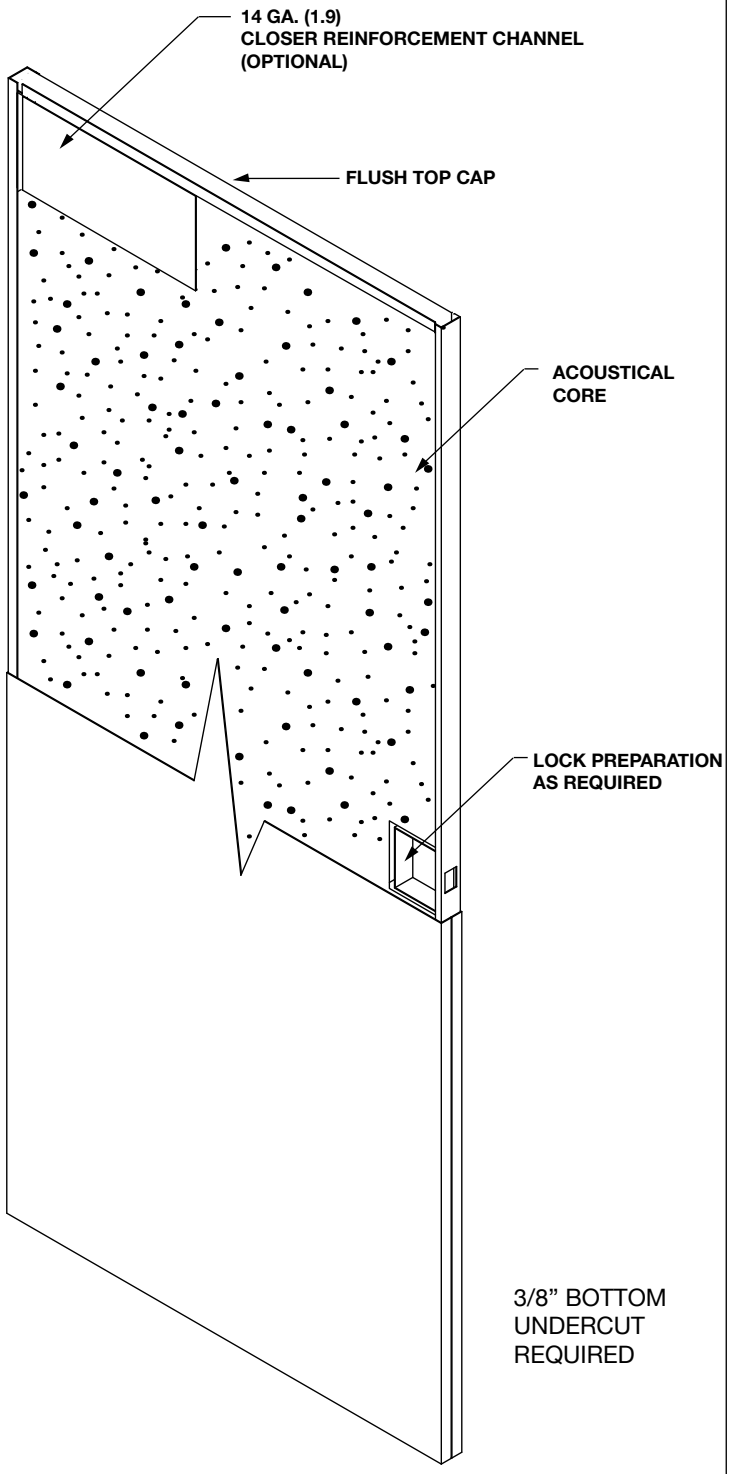
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 36) SOUND DOOR CONSTRUCTION - PAIRED

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

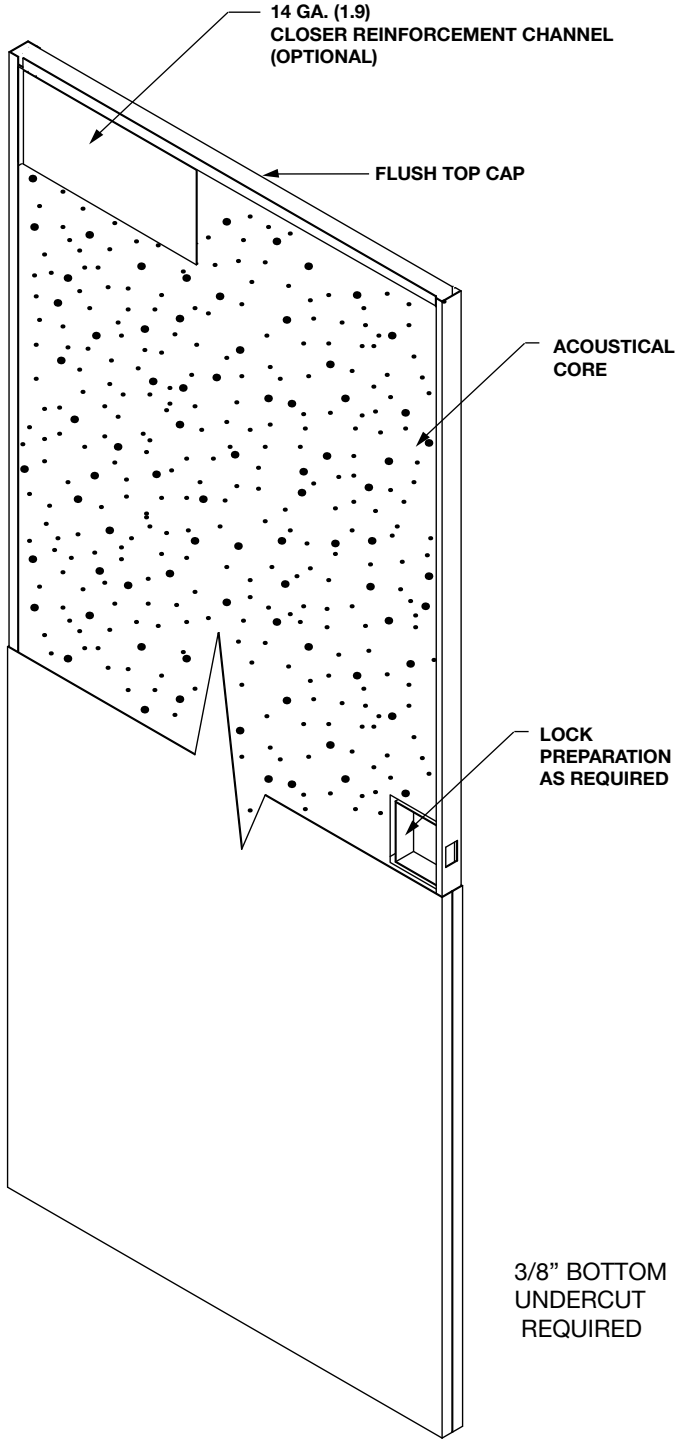
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 37) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

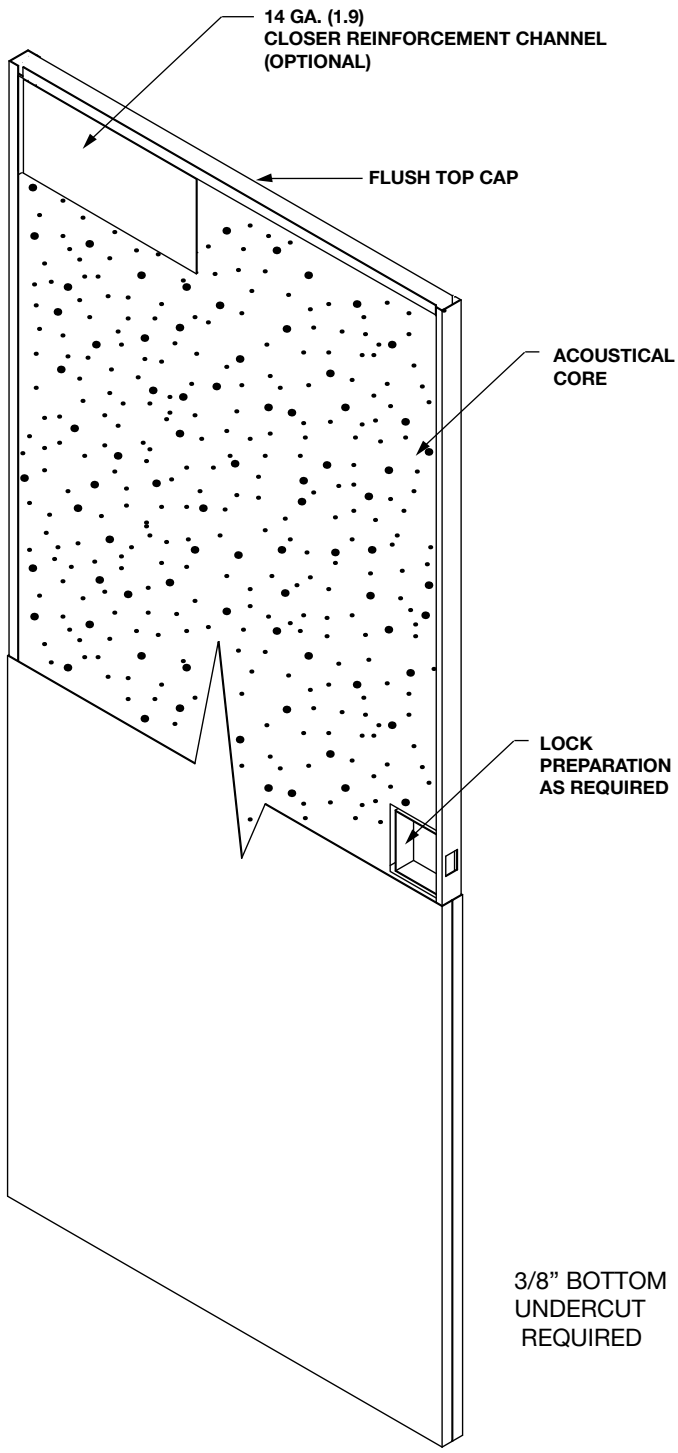
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 38) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

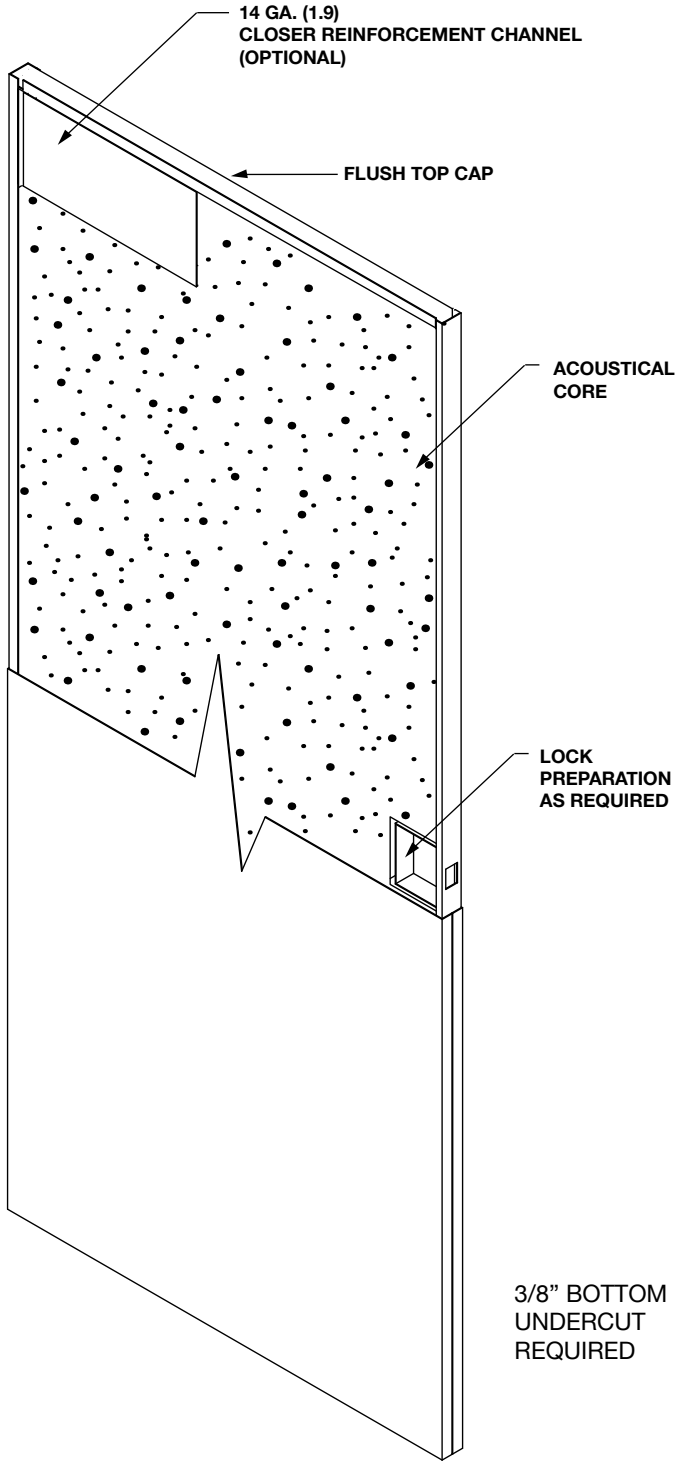
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 39) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

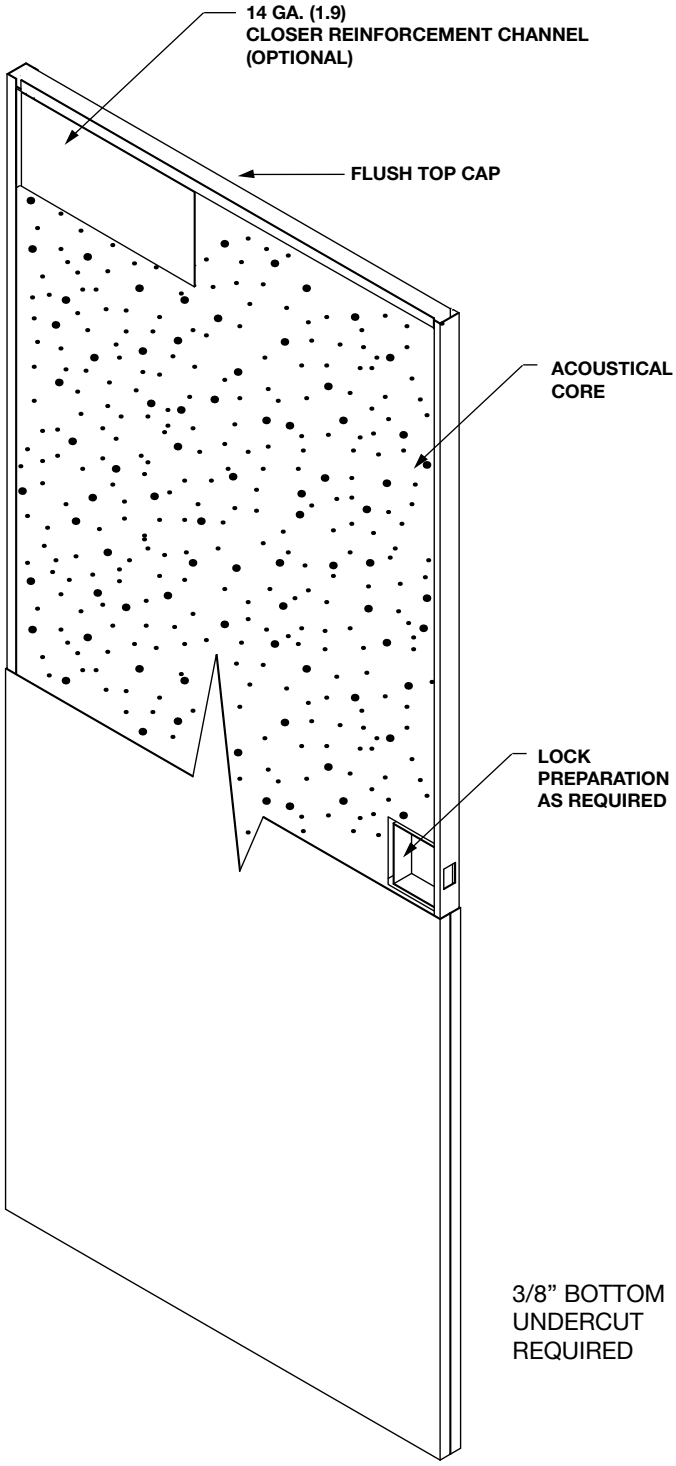
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 40) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

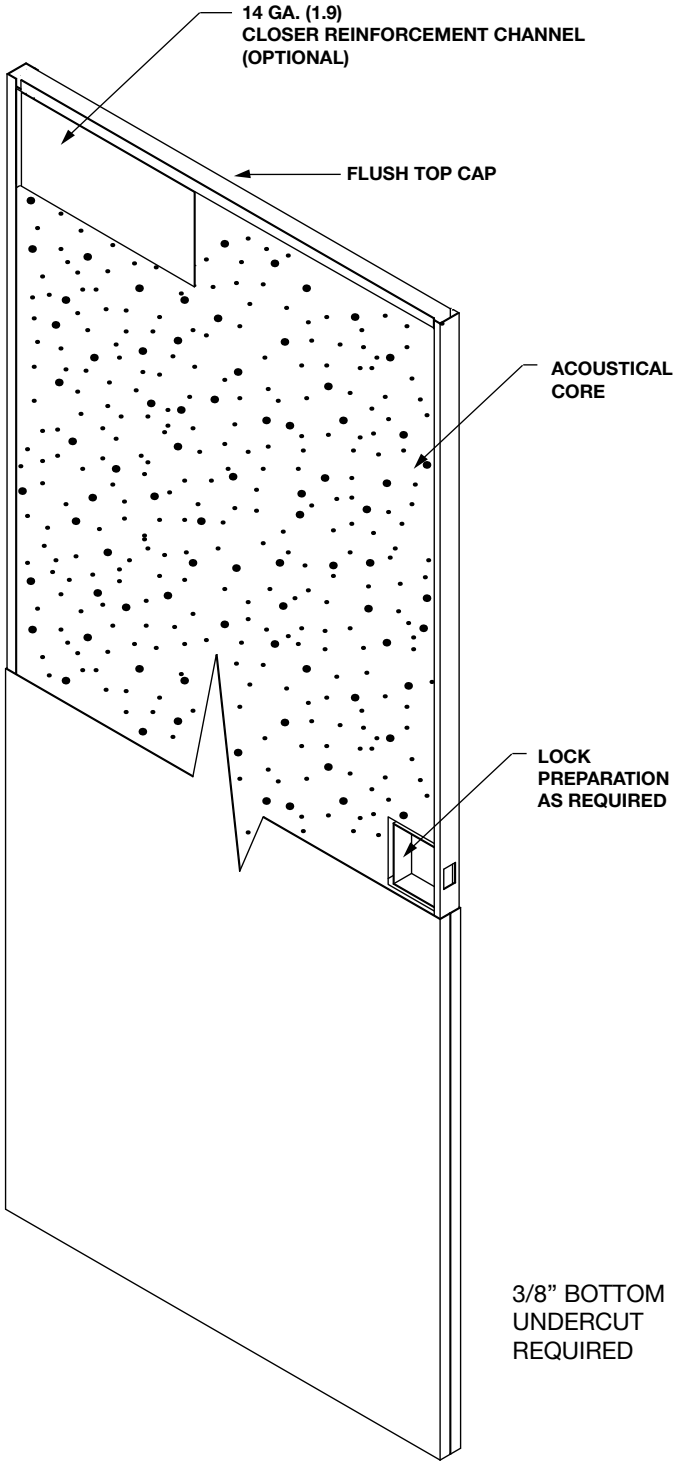
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 41) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

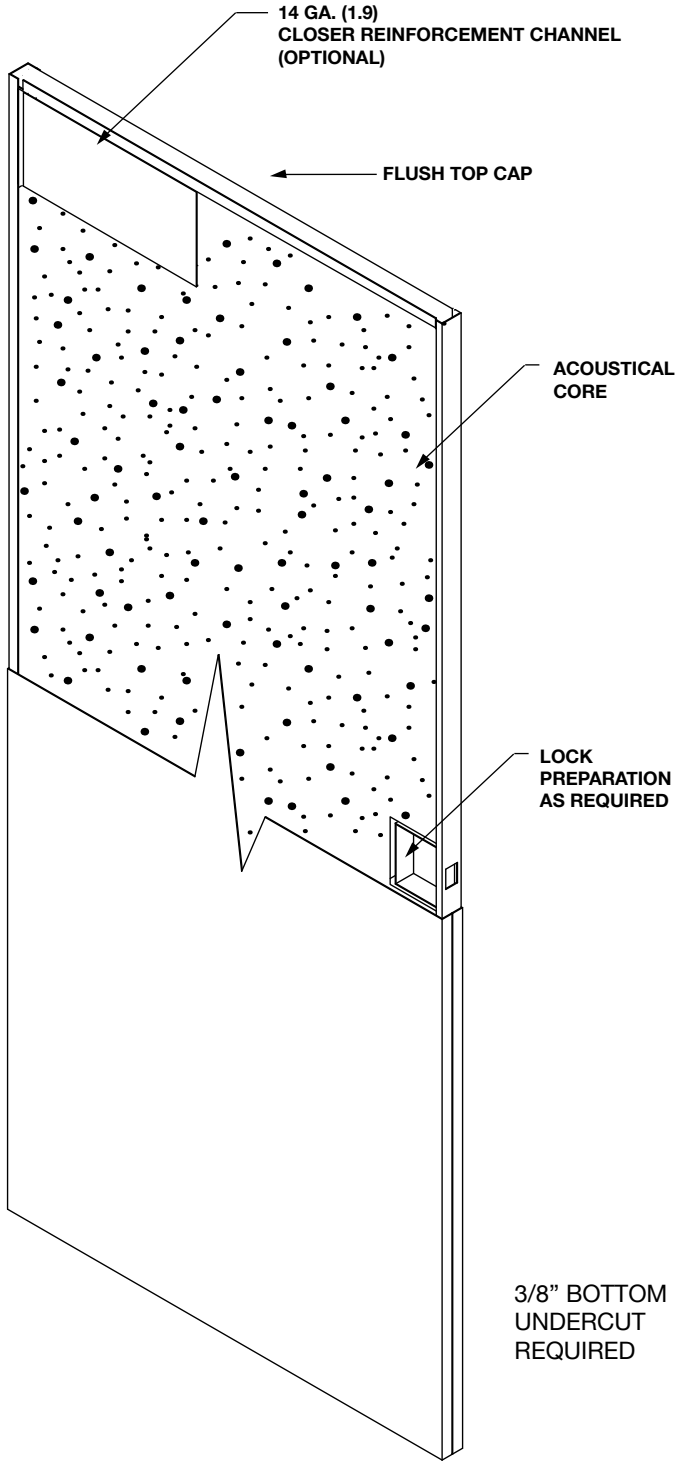
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 42) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

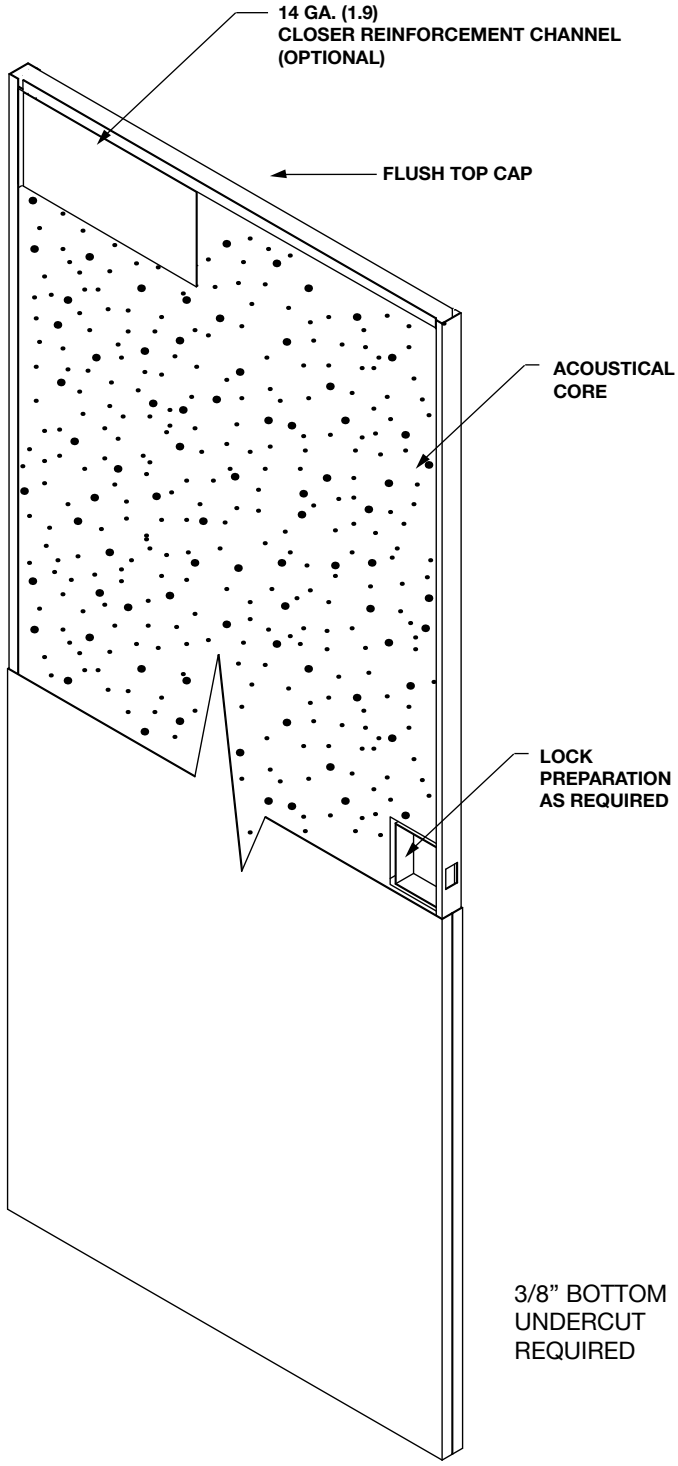
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 43) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

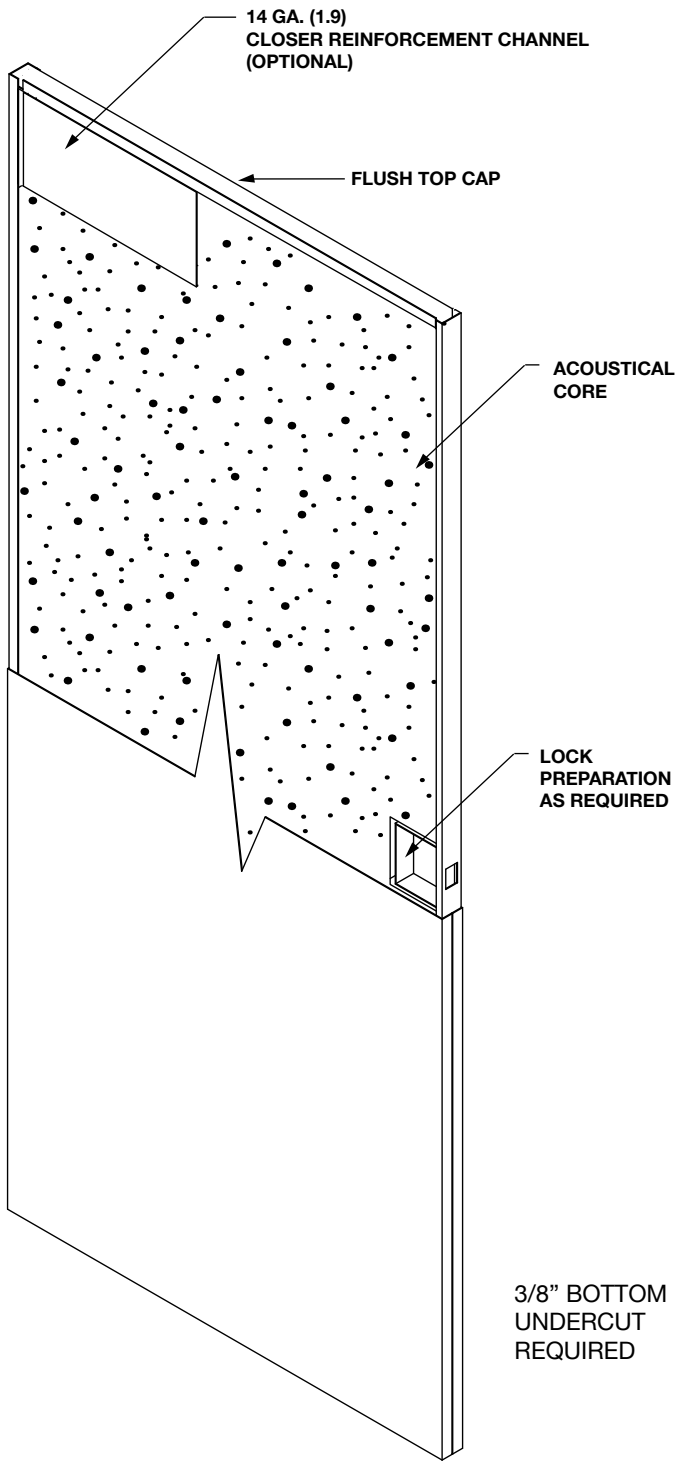
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 44) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

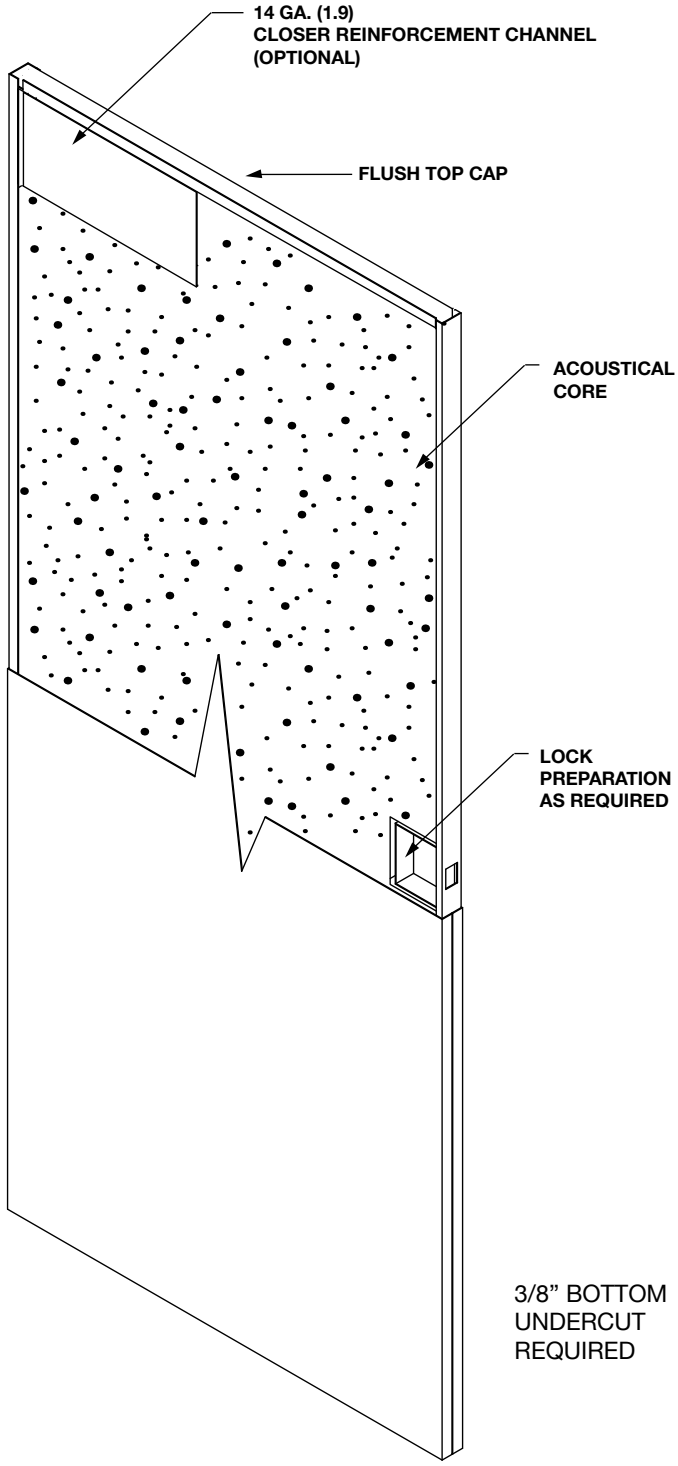
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 45) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

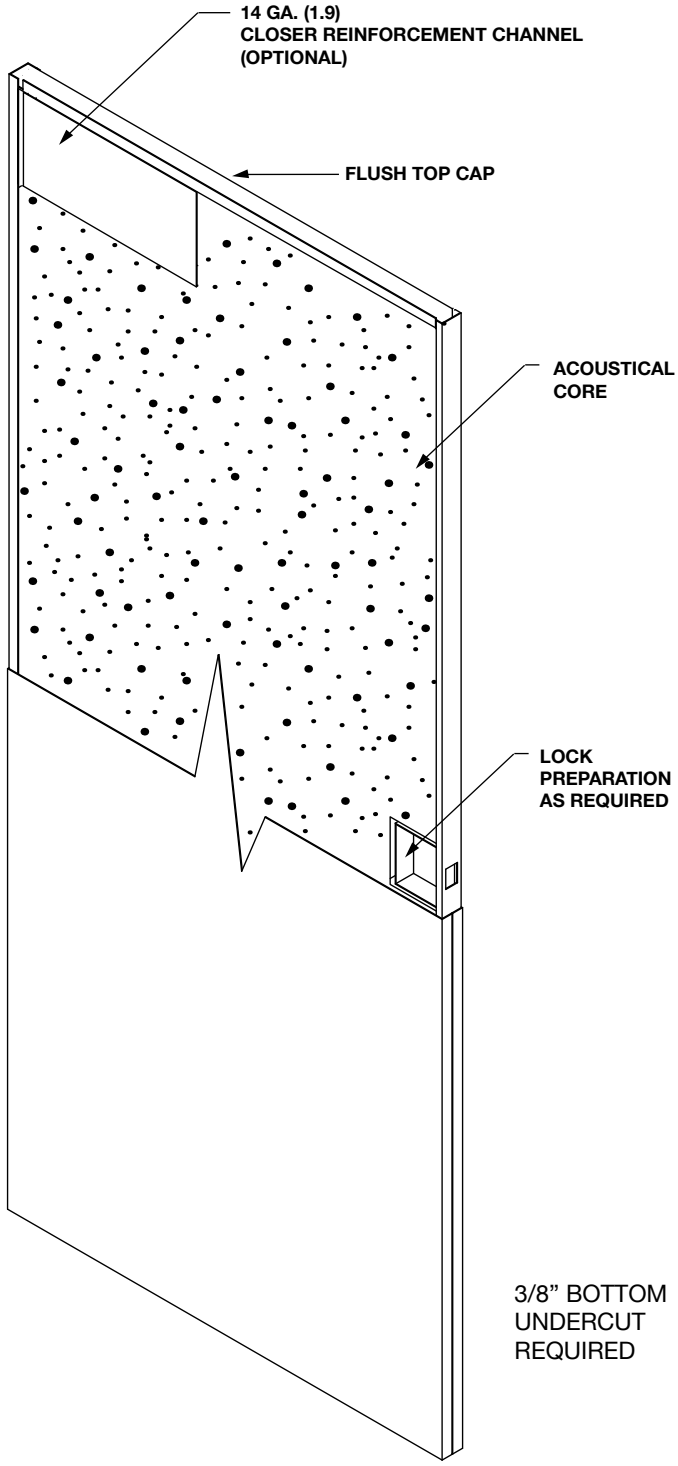
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 46) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

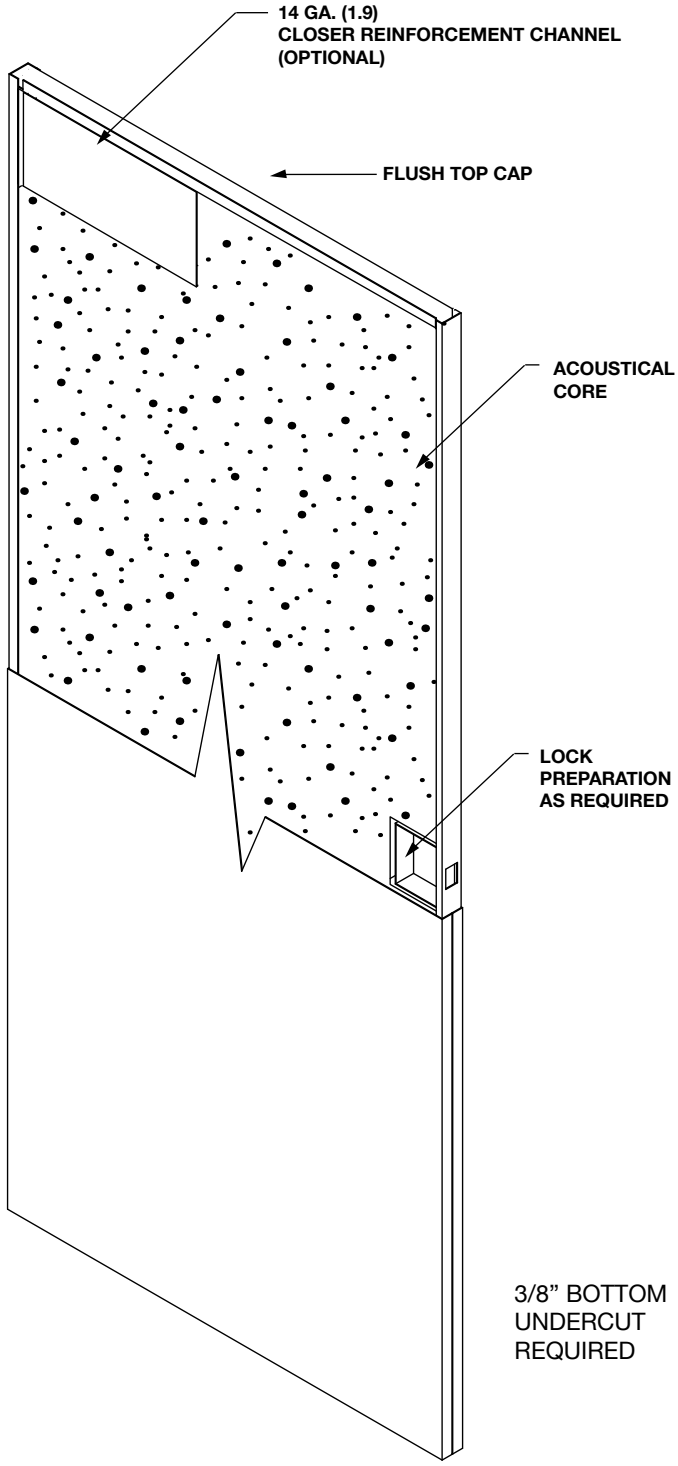
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 47) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

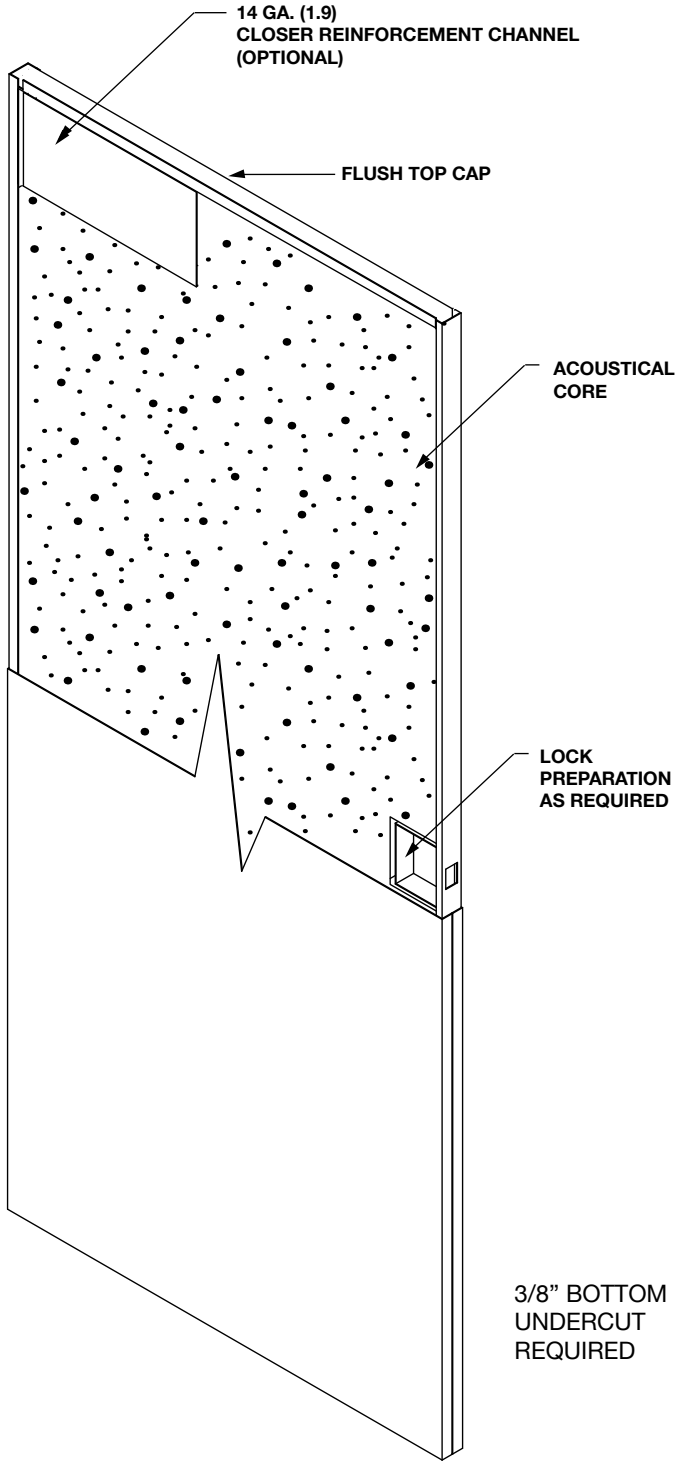
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #5:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 48) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

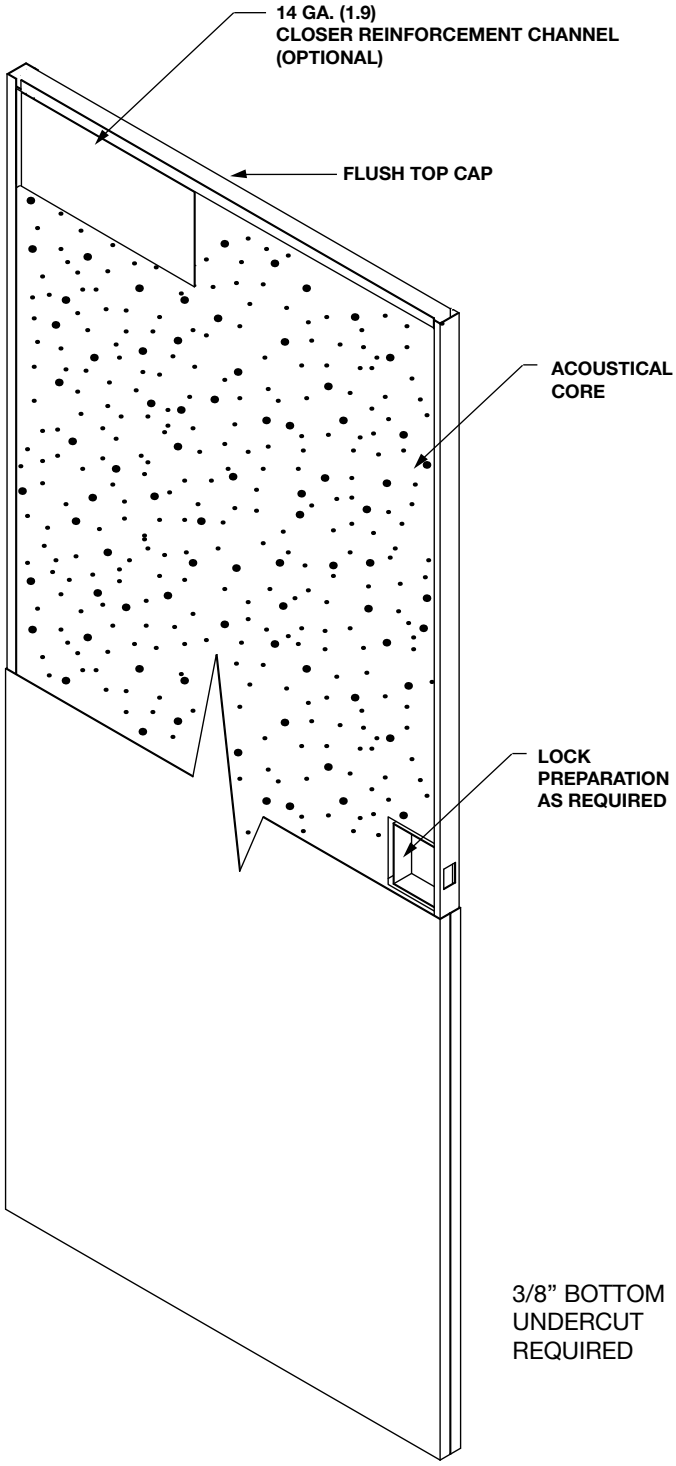
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



757 (STC 49) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
SURFACE VERTICAL ROD ONLY

FIRE RATING:
NON-RATED ONLY

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

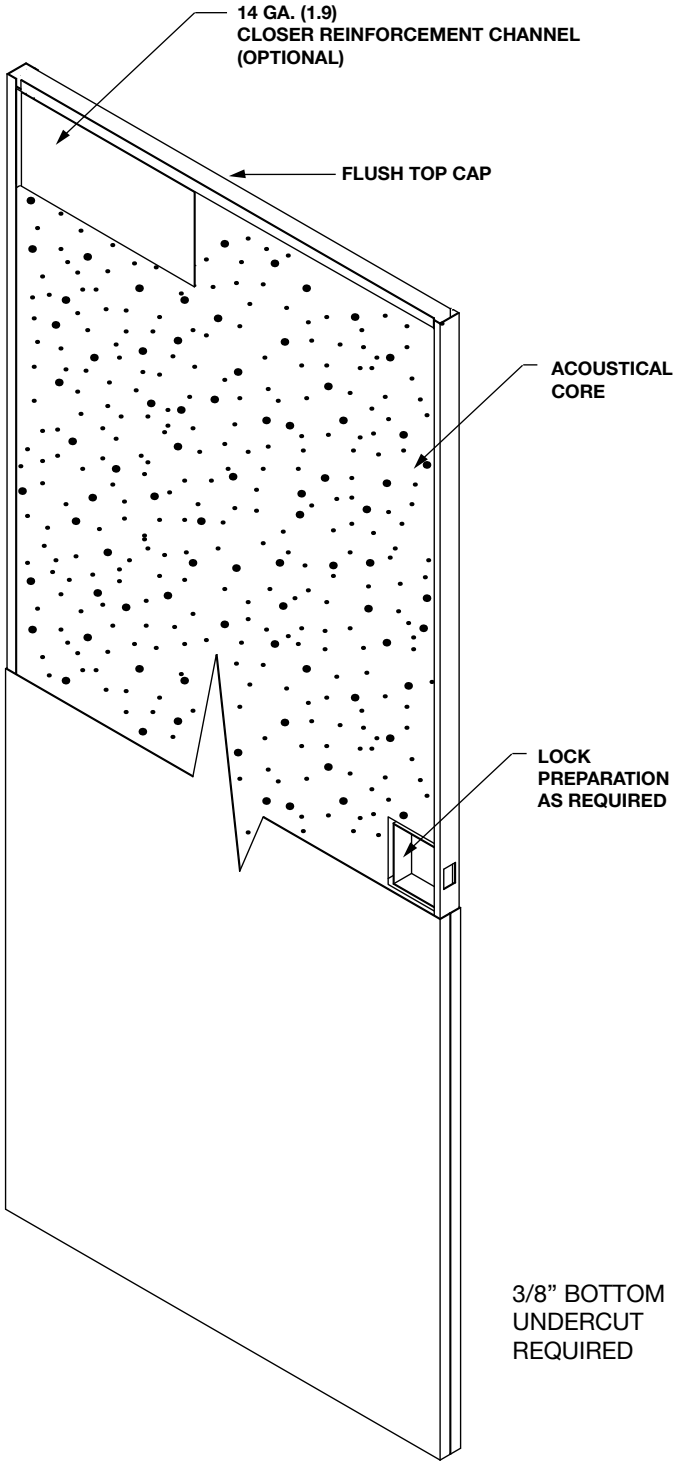
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303AS (4)



STC 48-49 FLUSH PAIRED
757 (STC 48) SOUND DOOR CONSTRUCTION - PAIRED

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 48 - CYLINDRICAL OR MORTISE ONLY
(REQUIRED SURFACE OF FLUSHBOLT WITH STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

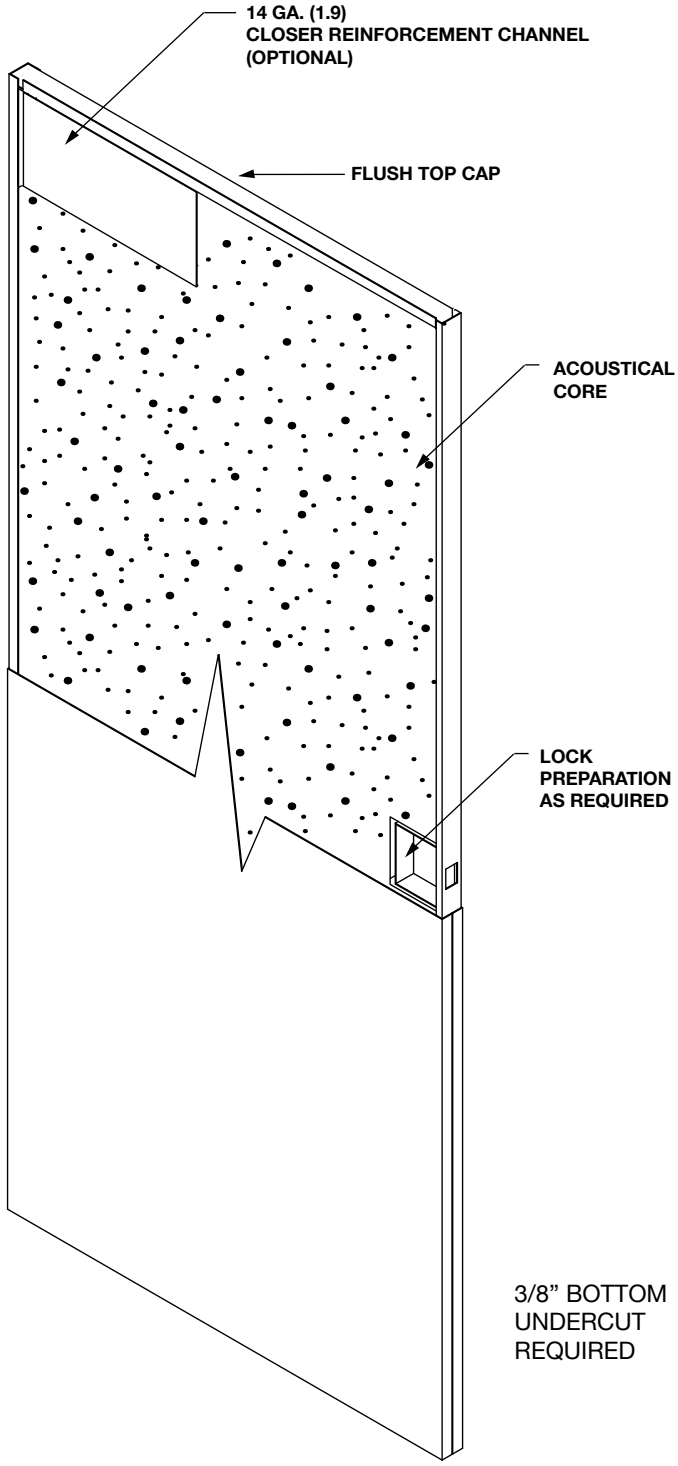
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 49) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
STC 49 - CYLINDRICAL ONLY
(REQUIRED SURFACE OF FLUSHBOLT WITH STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

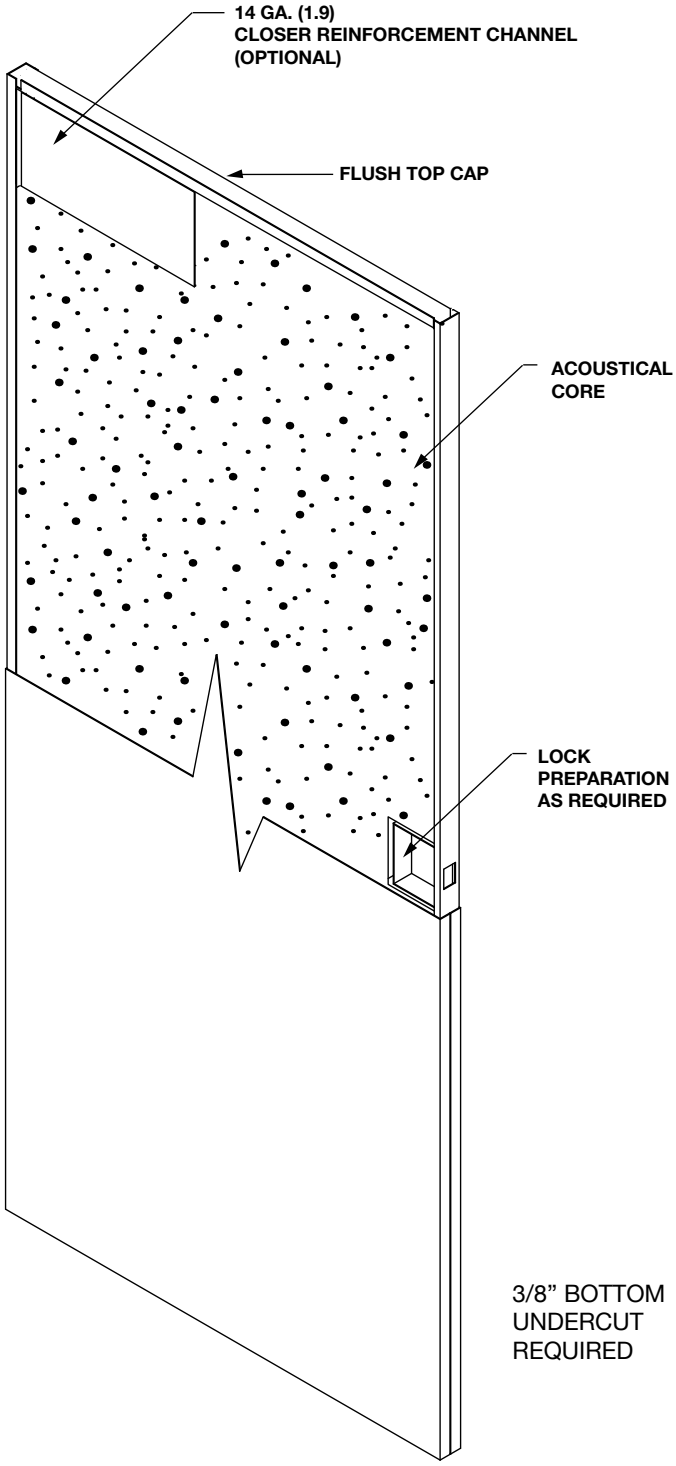
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



STC 42-47 FLUSH PAIRED
757 (STC 42) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

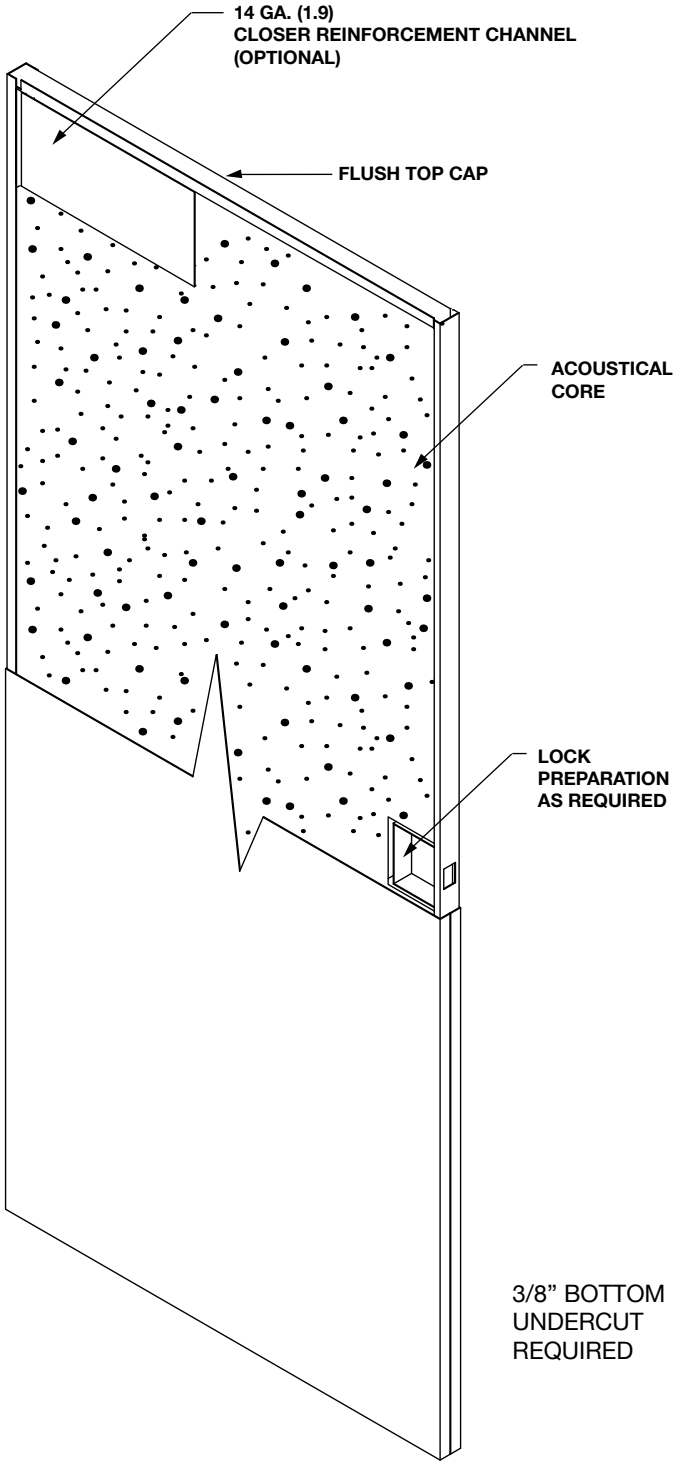
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 43) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

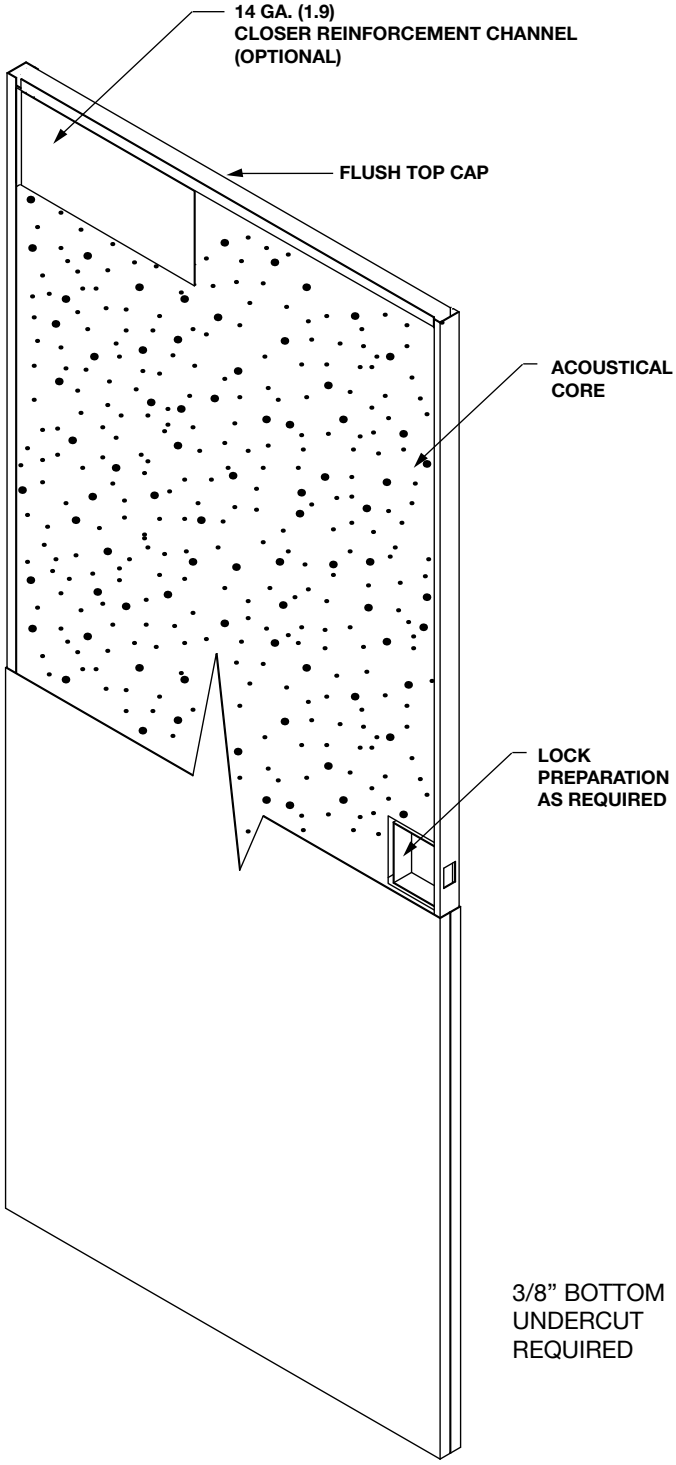
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 44) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

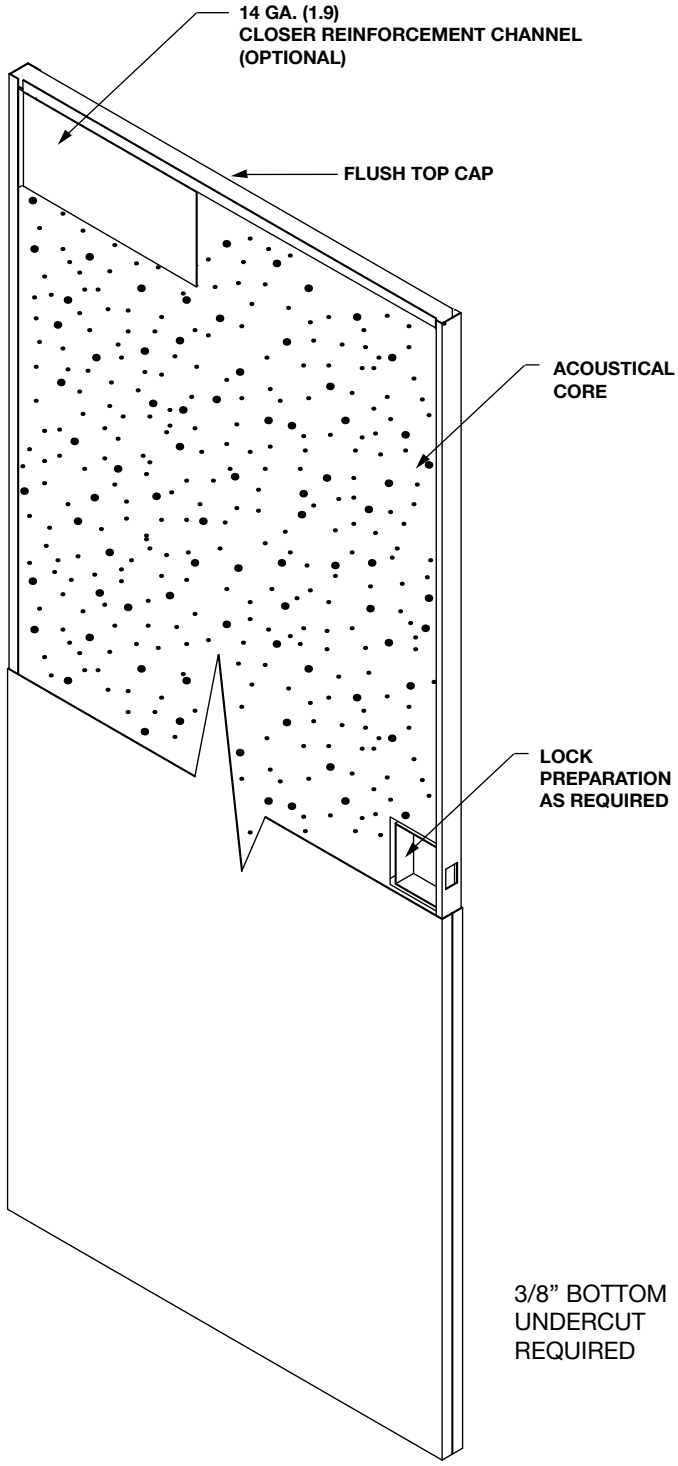
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 45) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

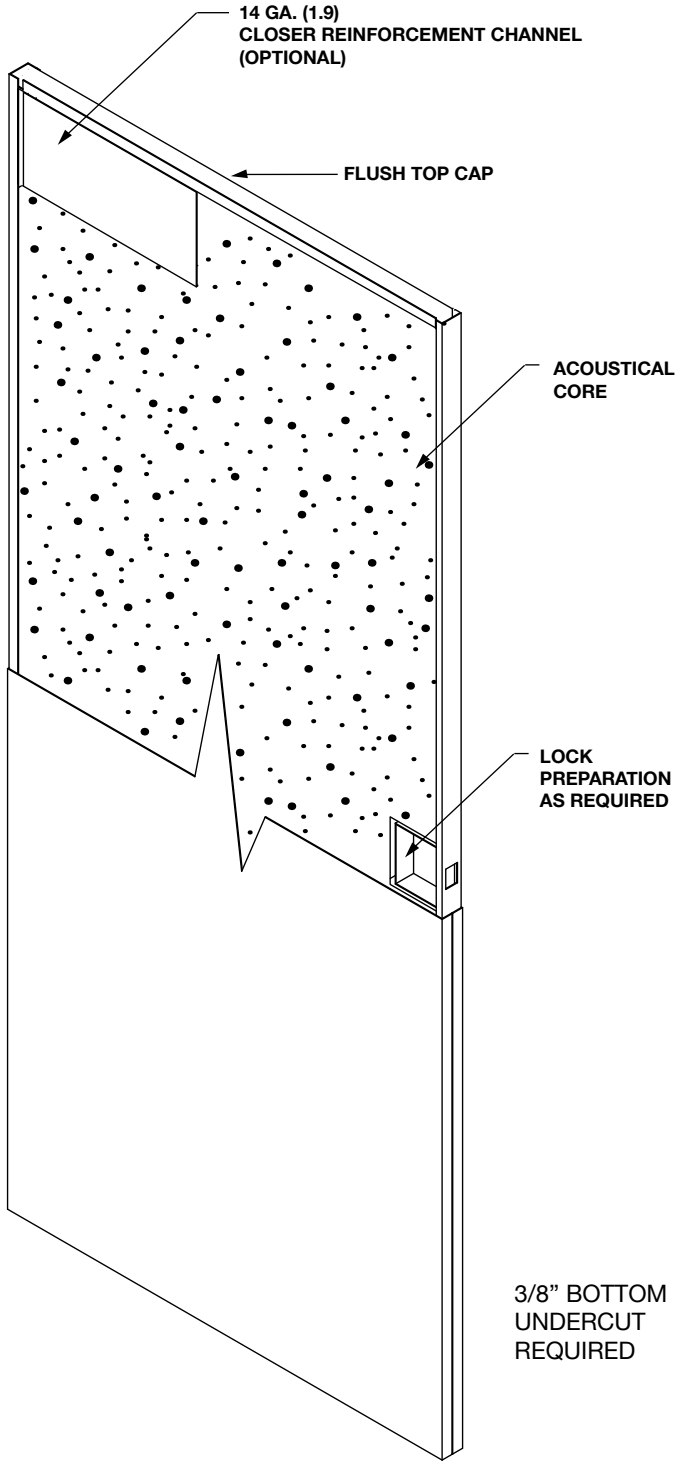
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 46) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

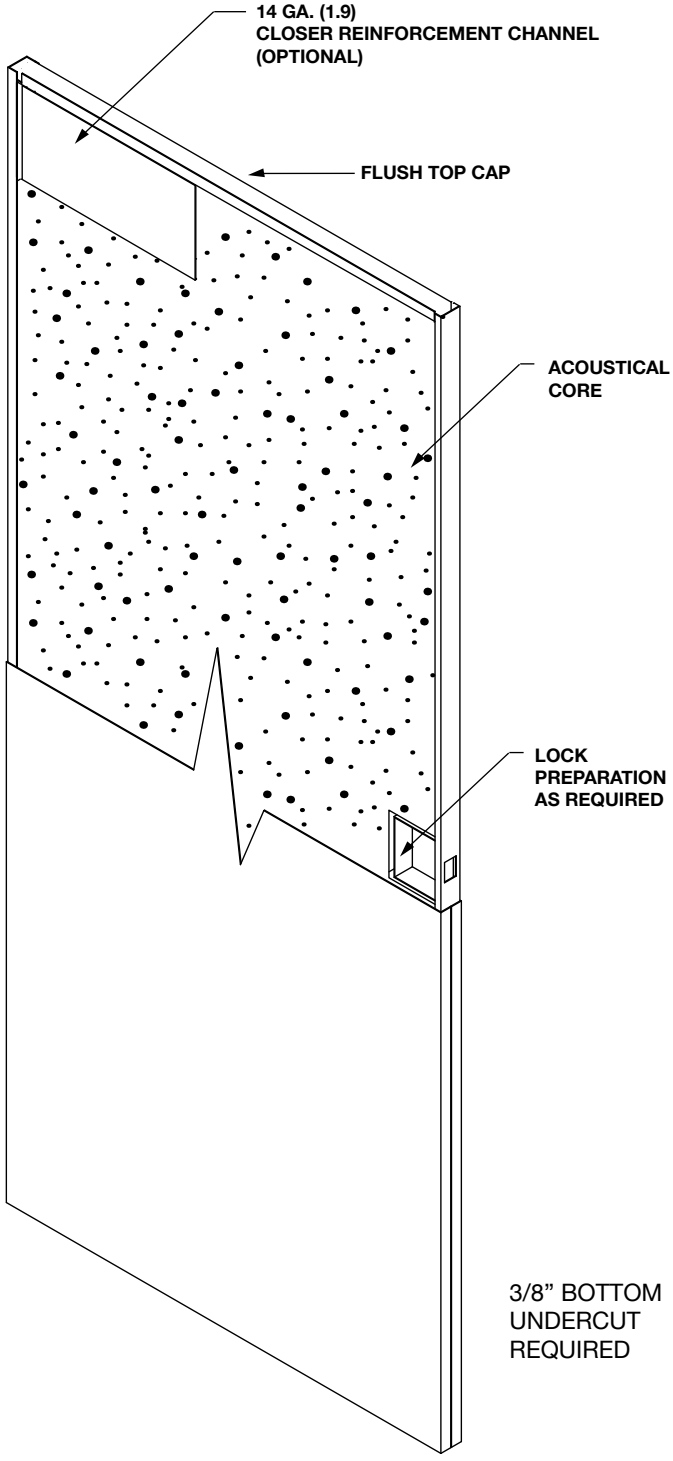
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 47) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC CYLINDRICAL OR MORTISE LOCK (CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

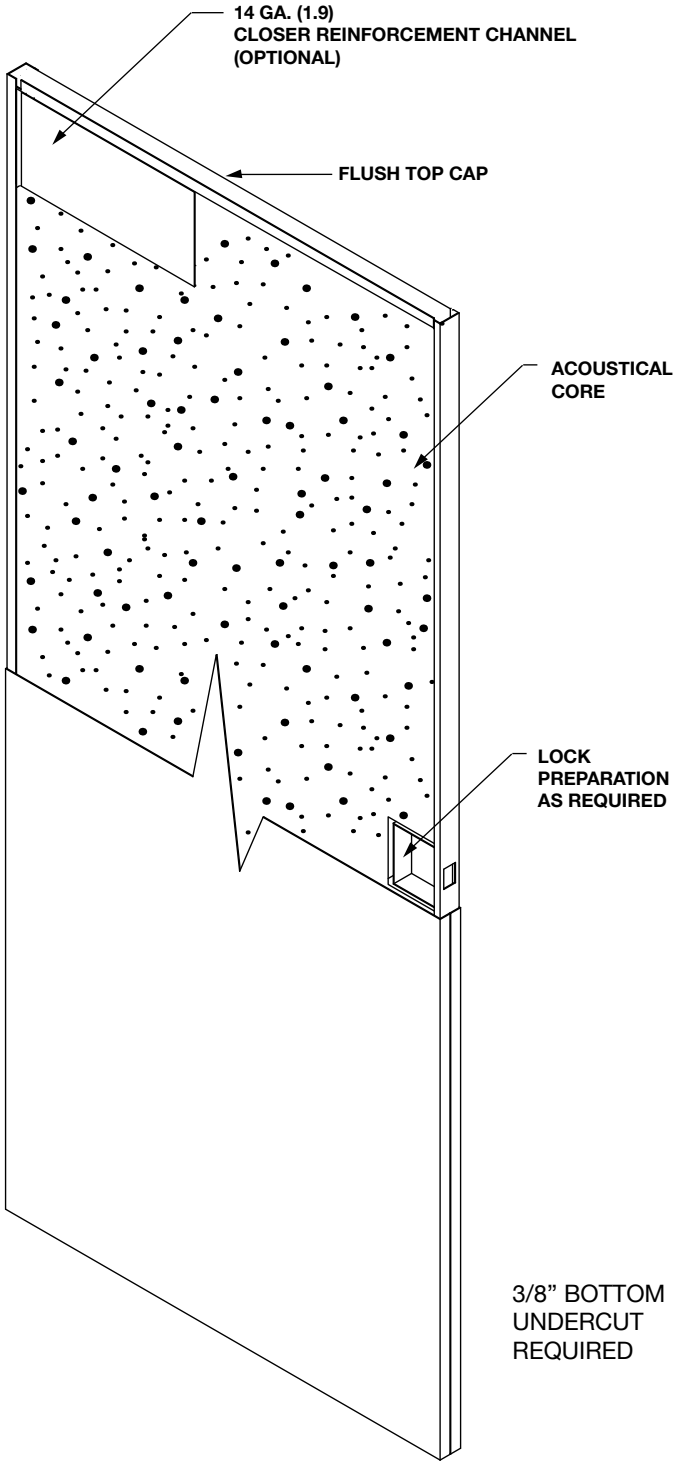
FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED

SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



STC 32-41 FLUSH PAIRED
757 (STC 32) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

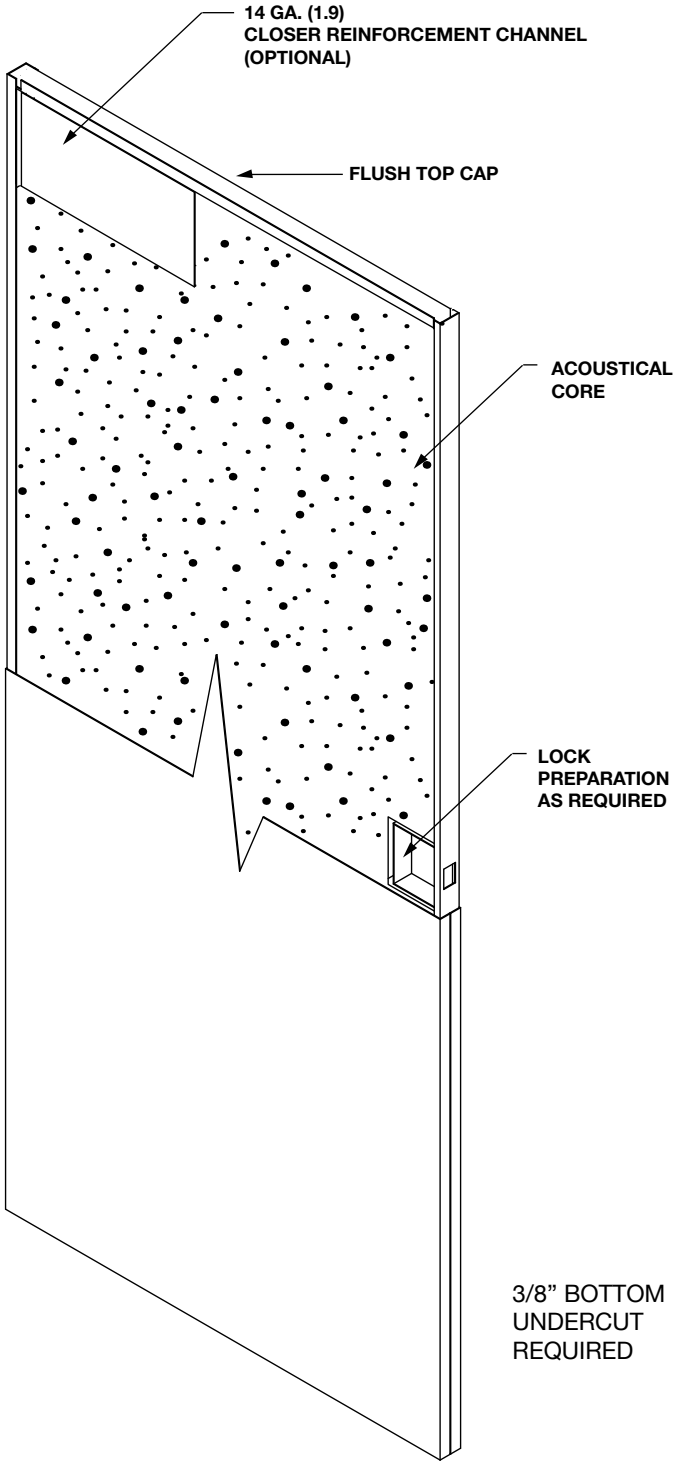
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 33) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

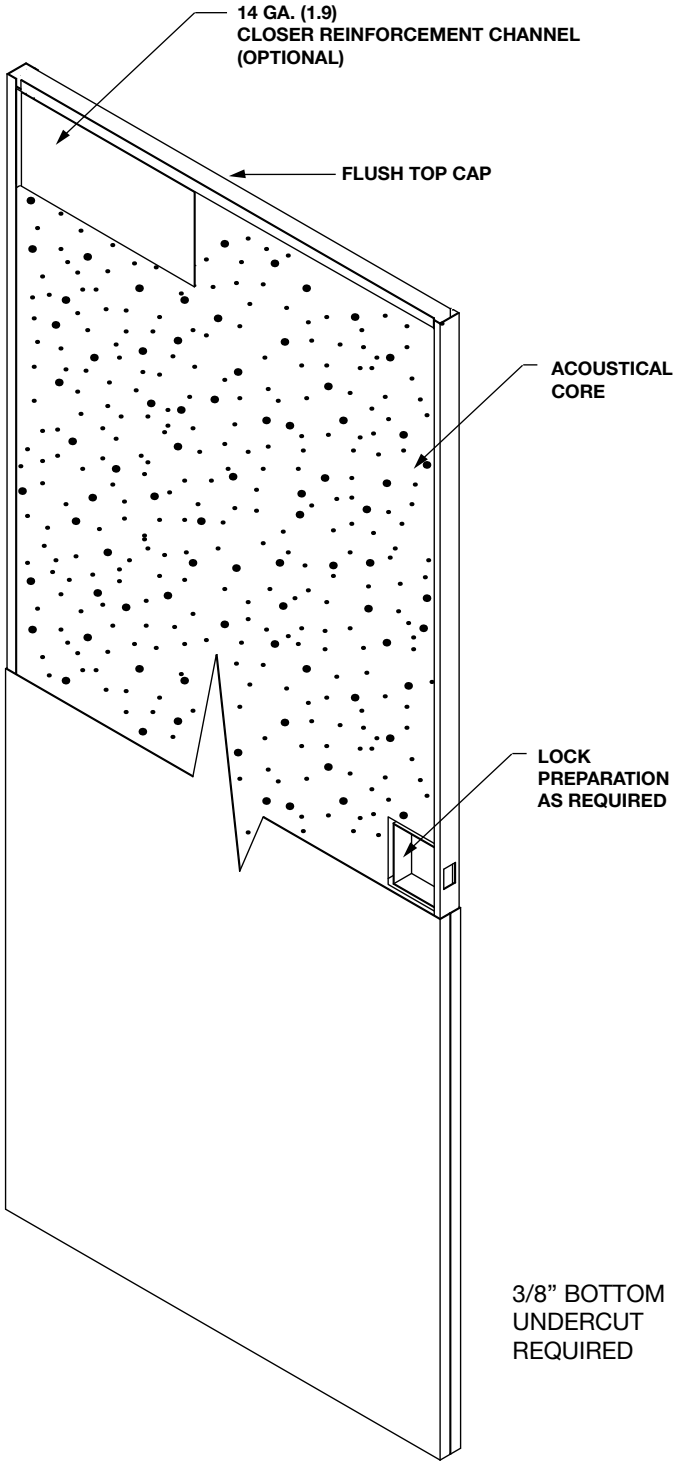
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 34) SOUND DOOR CONSTRUCTION - PAIRED

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

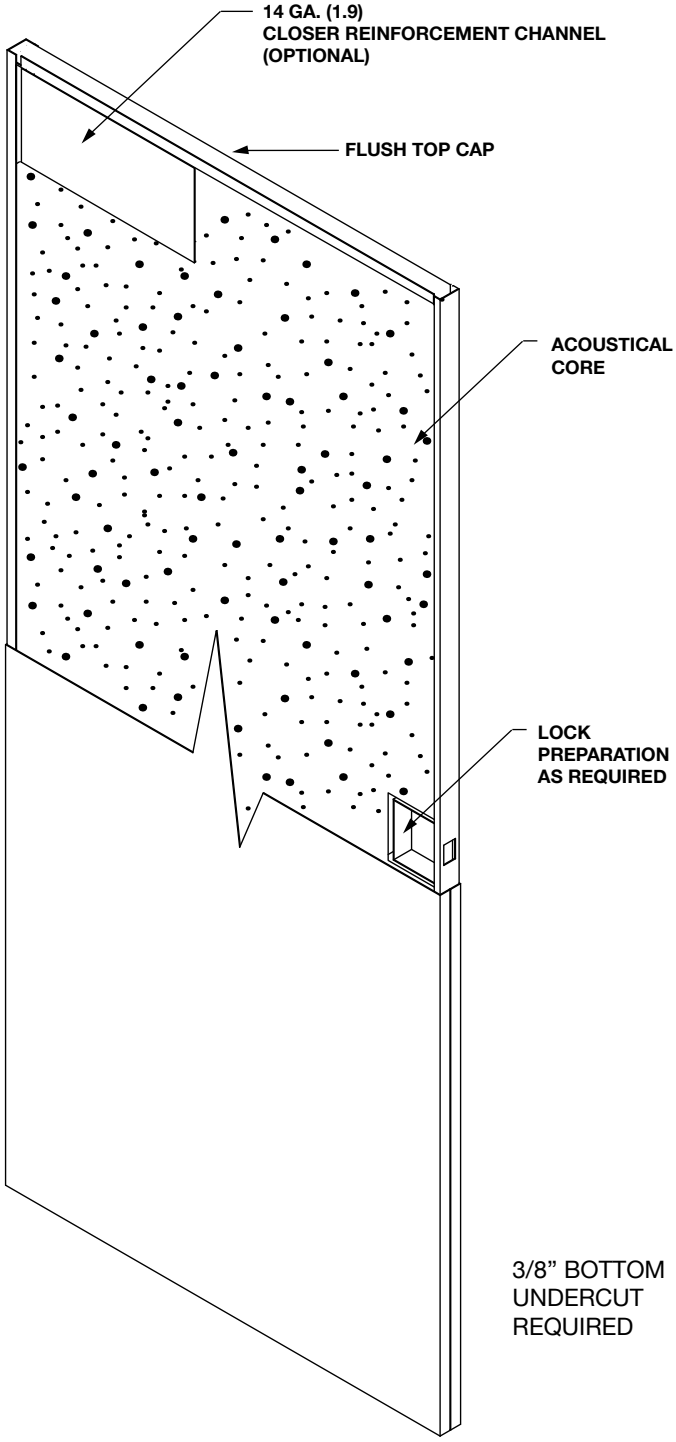
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 35) SOUND DOOR CONSTRUCTION - PAIRED

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

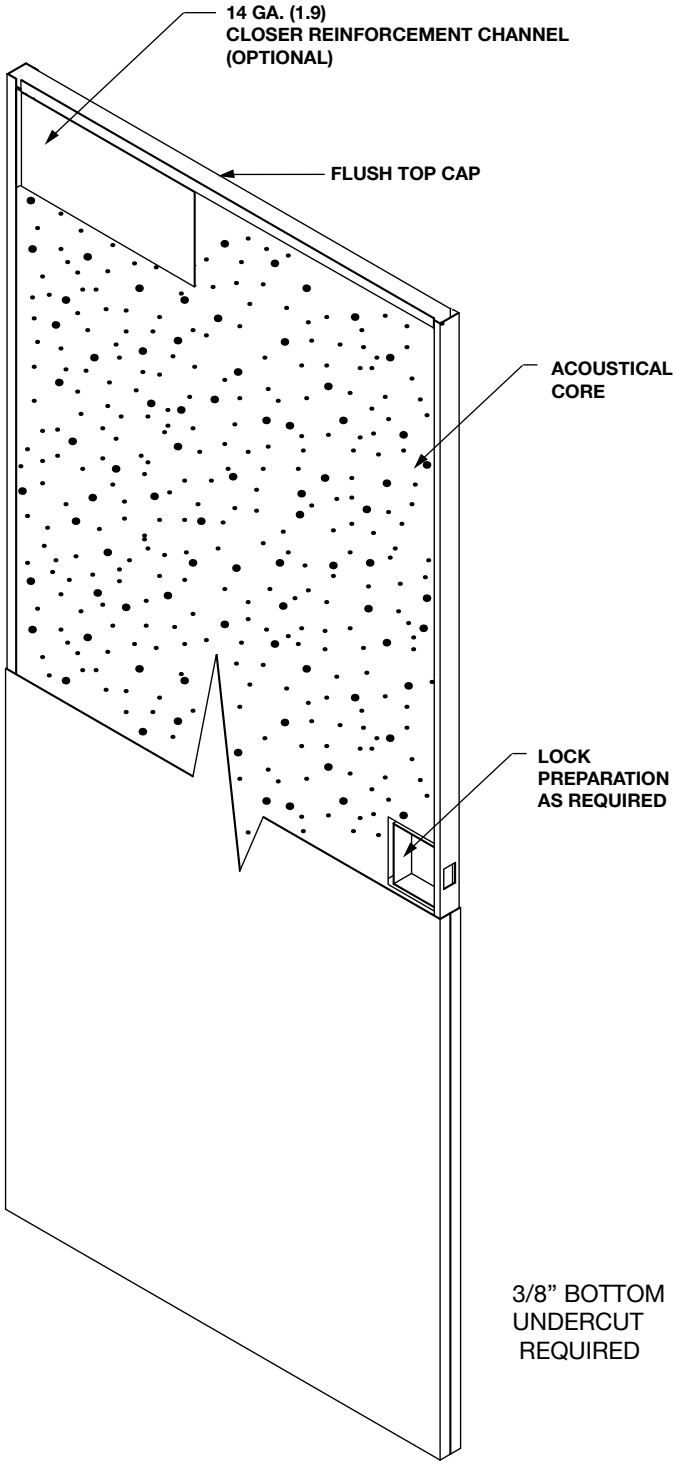
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 36) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

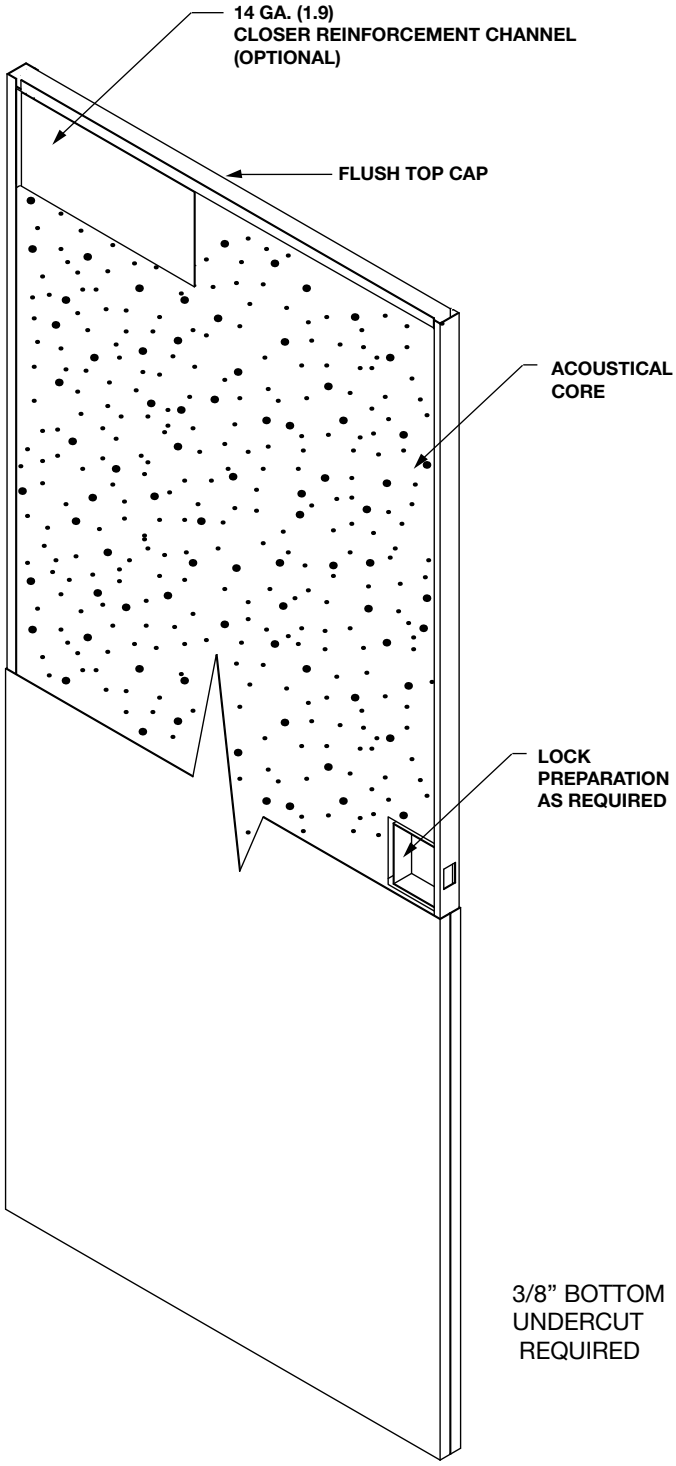
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 37) SOUND DOOR CONSTRUCTION - PAIRED

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

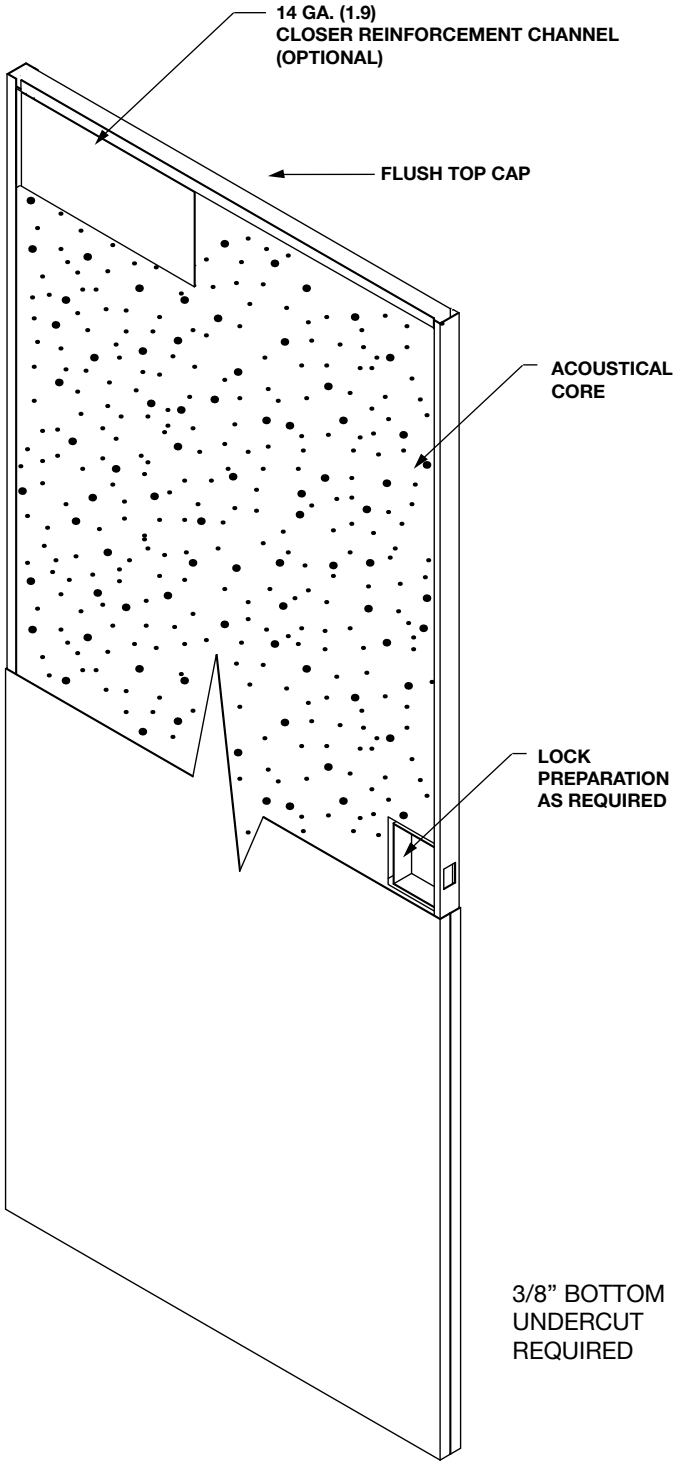
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 38) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

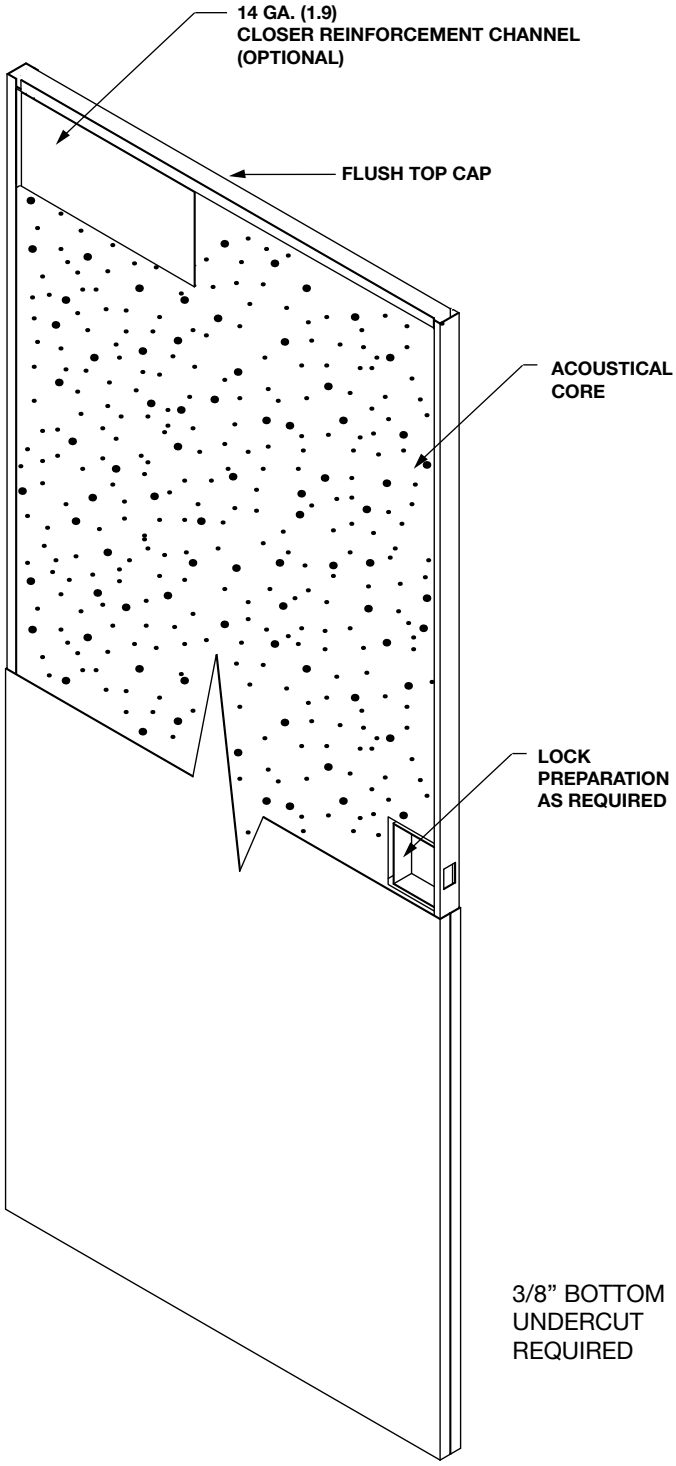
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 39) SOUND DOOR CONSTRUCTION - PAIRED

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

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HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

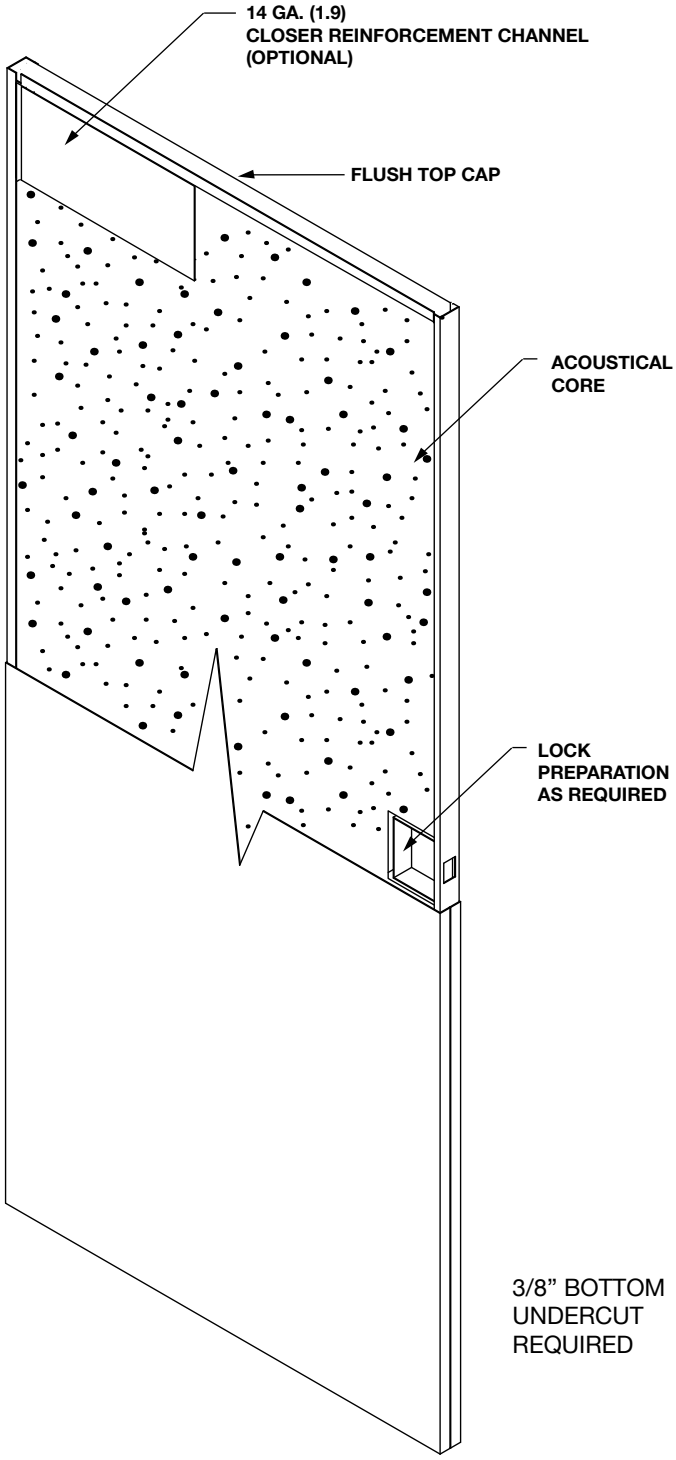
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 40) SOUND DOOR CONSTRUCTION - PAIRED

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Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

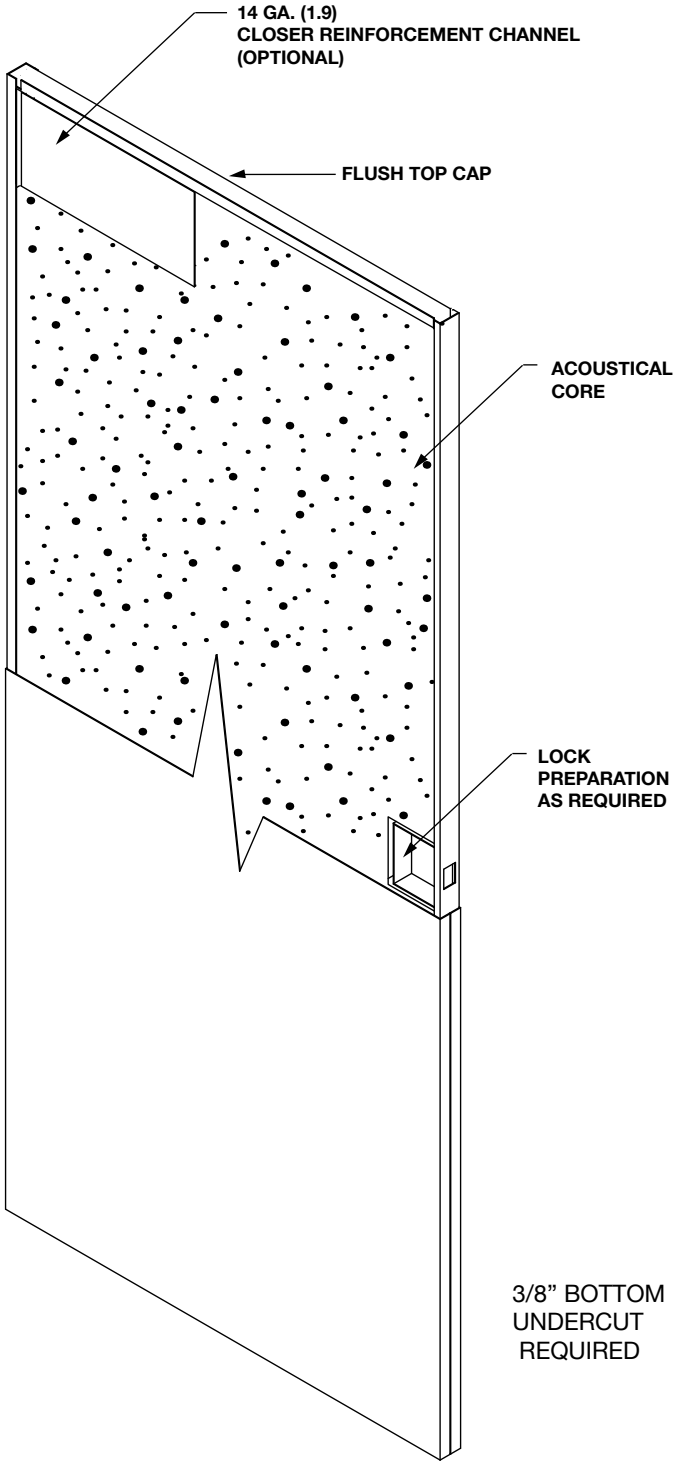
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



757 (STC 41) SOUND DOOR CONSTRUCTION - PAIRED

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

HARDWARE LIMITATIONS:
MORTISE PANIC
CYLINDRICAL OR MORTISE LOCK
(CYLINDRICAL OR MORTIS LOCKS REQUIRE SURFACE OF FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR. MORTISE PANIC REQUIRES SURFACE VERTICAQL ROD OR SURFACE OR FLUSHBOLTS WITH ASTRAGAL STRIP ON INACTIVE DOOR)

FIRE RATING:
3 HR. MAX.

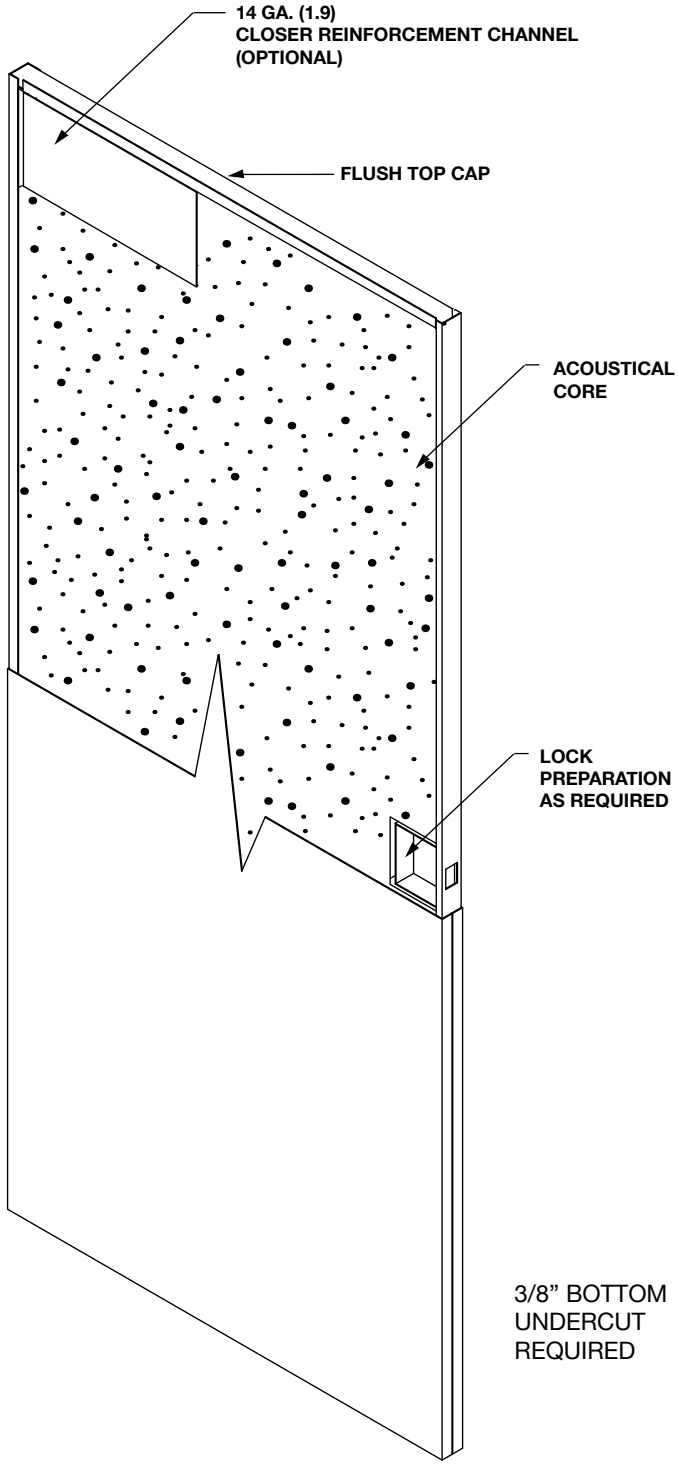
OPENING SIZES:
MINIMUM SIZE - 4'0" X 6'8" PAIR
MAXIMUM SIZE - 8'0" X 8'0" PAIR

FACE TYPES:
FLUSH ONLY – NO LITES ALLOWED
SEAL SET #3:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S773
PEMKO S88

BOTTOM:
PEMKO 2008 PK

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303AS (2)
ASTRAGAL STRIP 4441



STC 32-44 GLAZED
757 (STC 32) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

STC 32 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

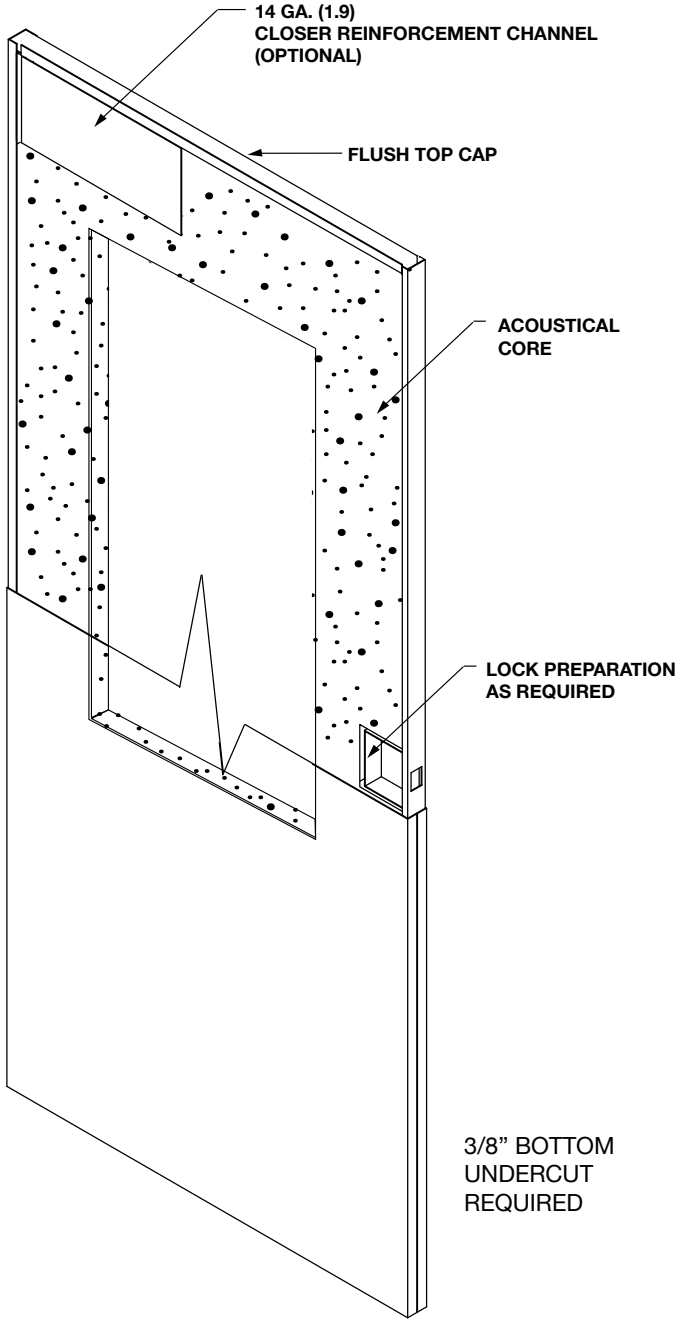
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 33) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS

STC 33 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

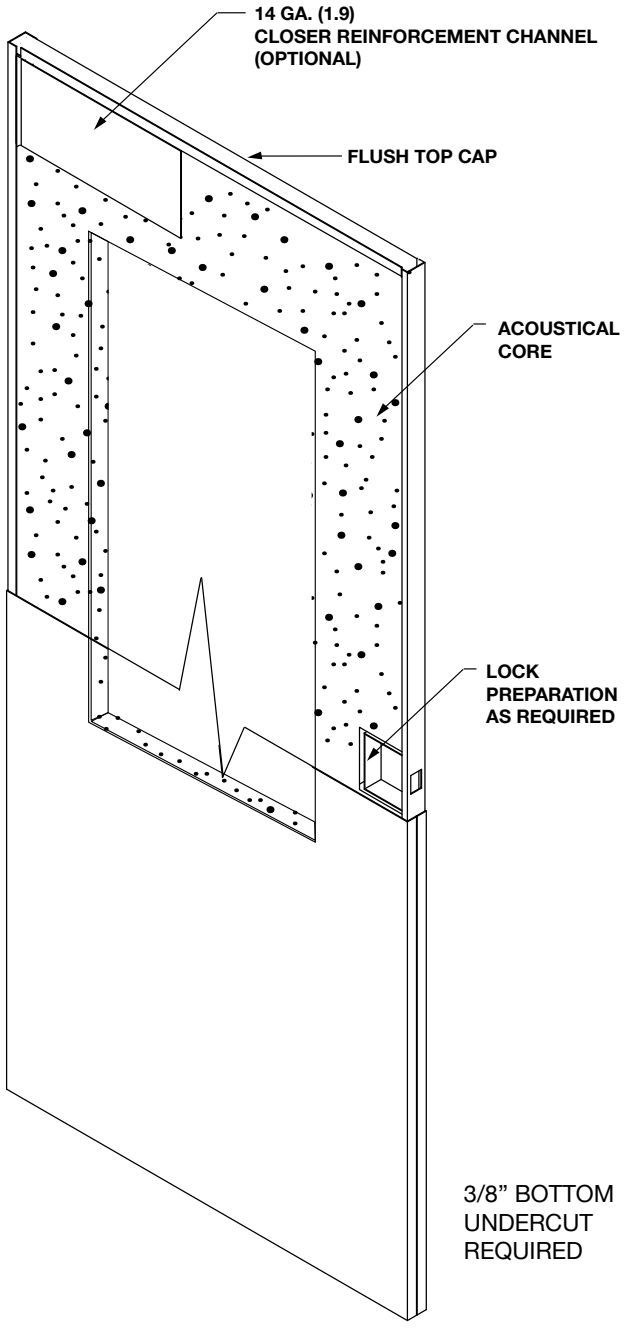
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 34) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 34 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

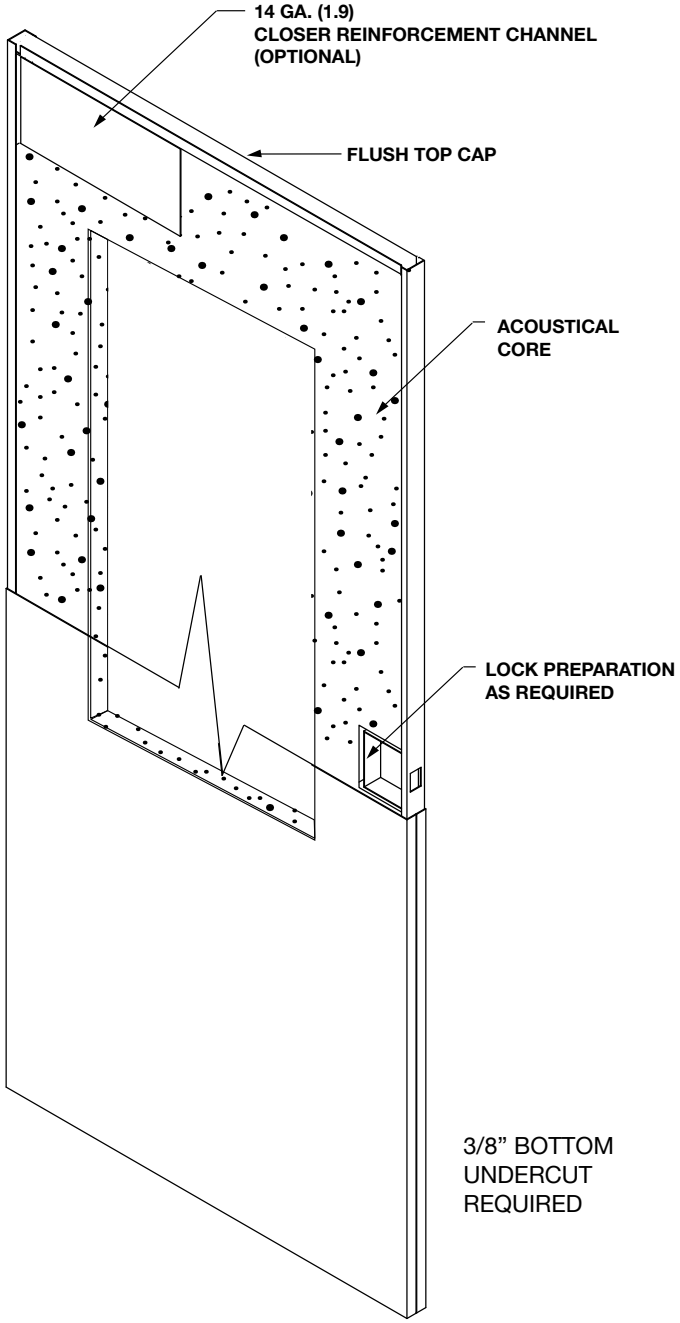
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 35) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 35 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

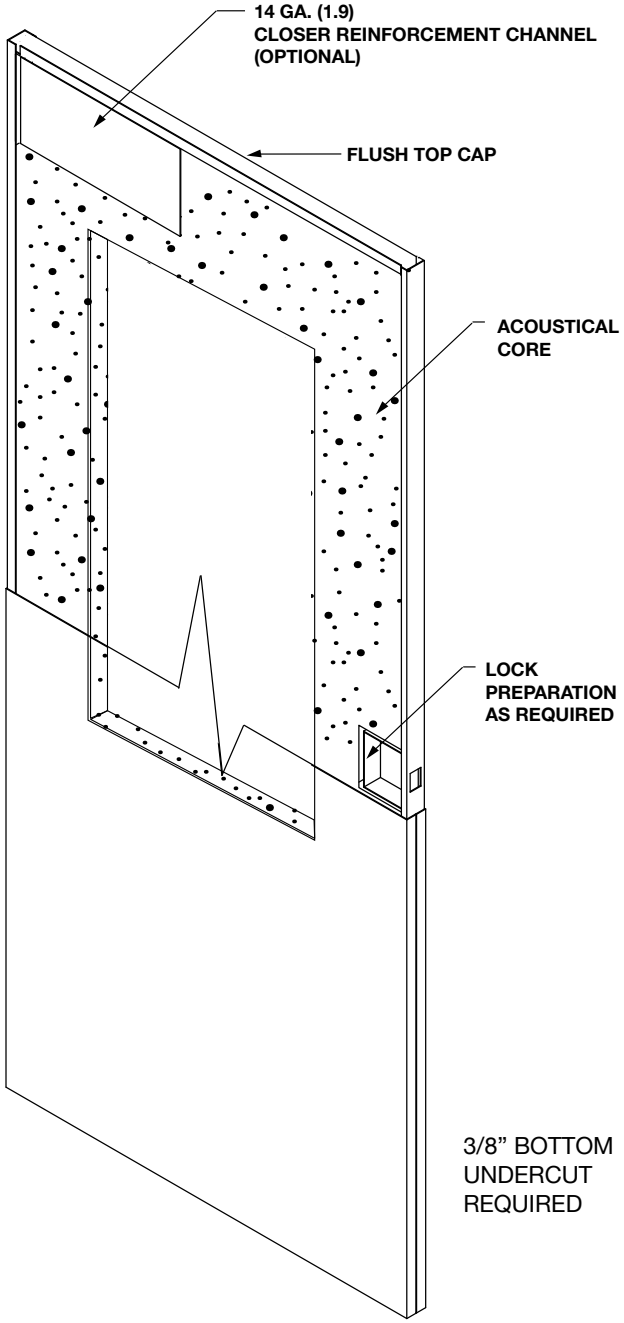
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 36) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 36 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 36 WITH CYLINDRICAL OR MORTISE AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

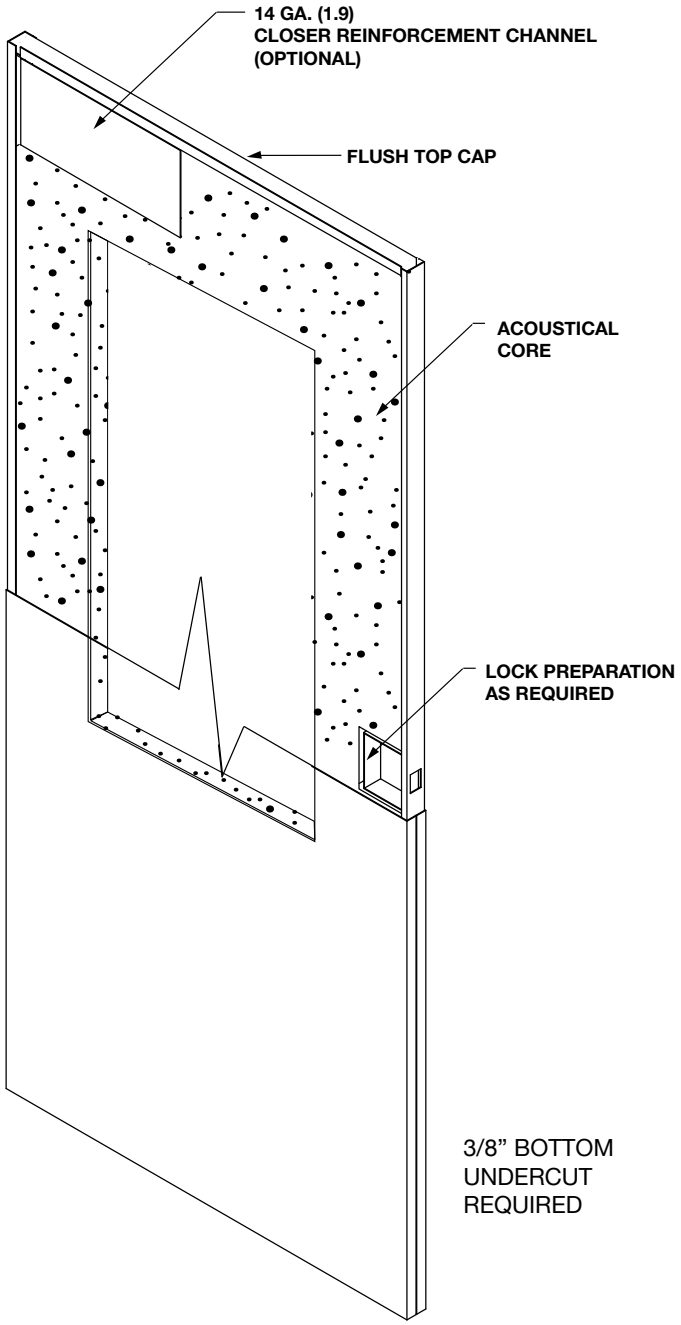
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 37) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 37 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
STC 37 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND
INCLUDING A 1-1/2 HOUR FIRE RATING.

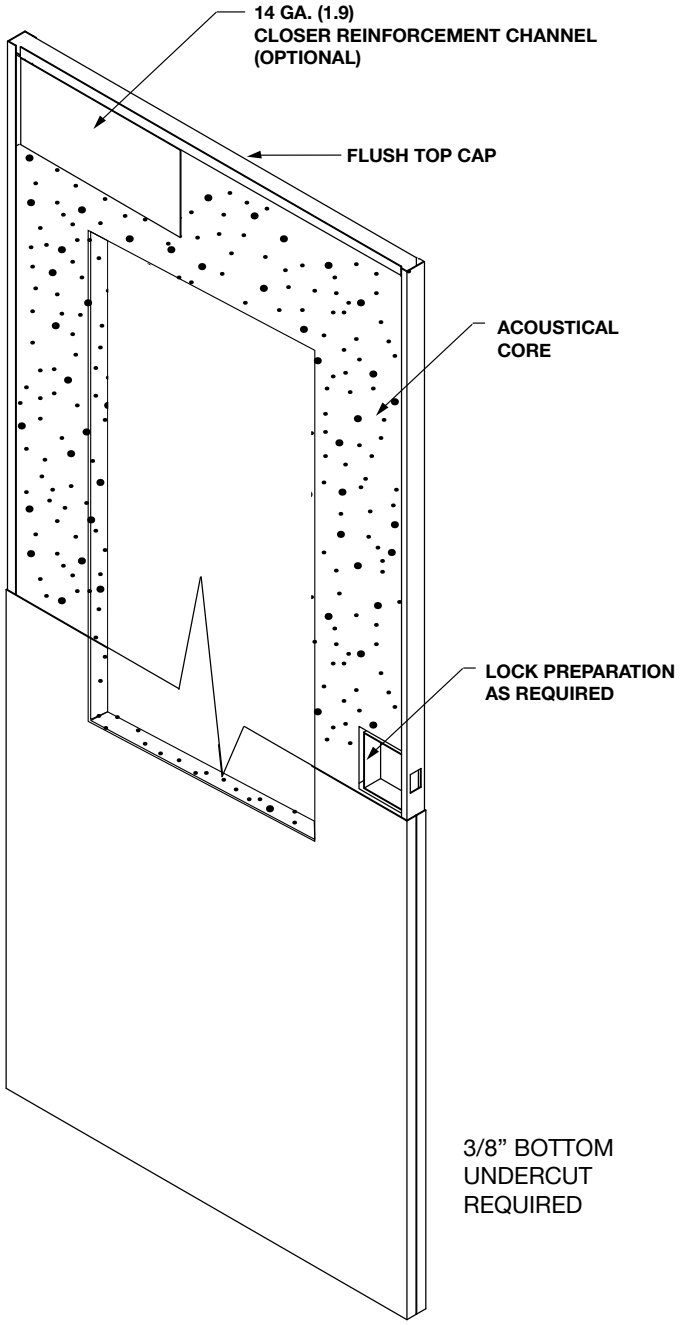
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 38) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 38 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

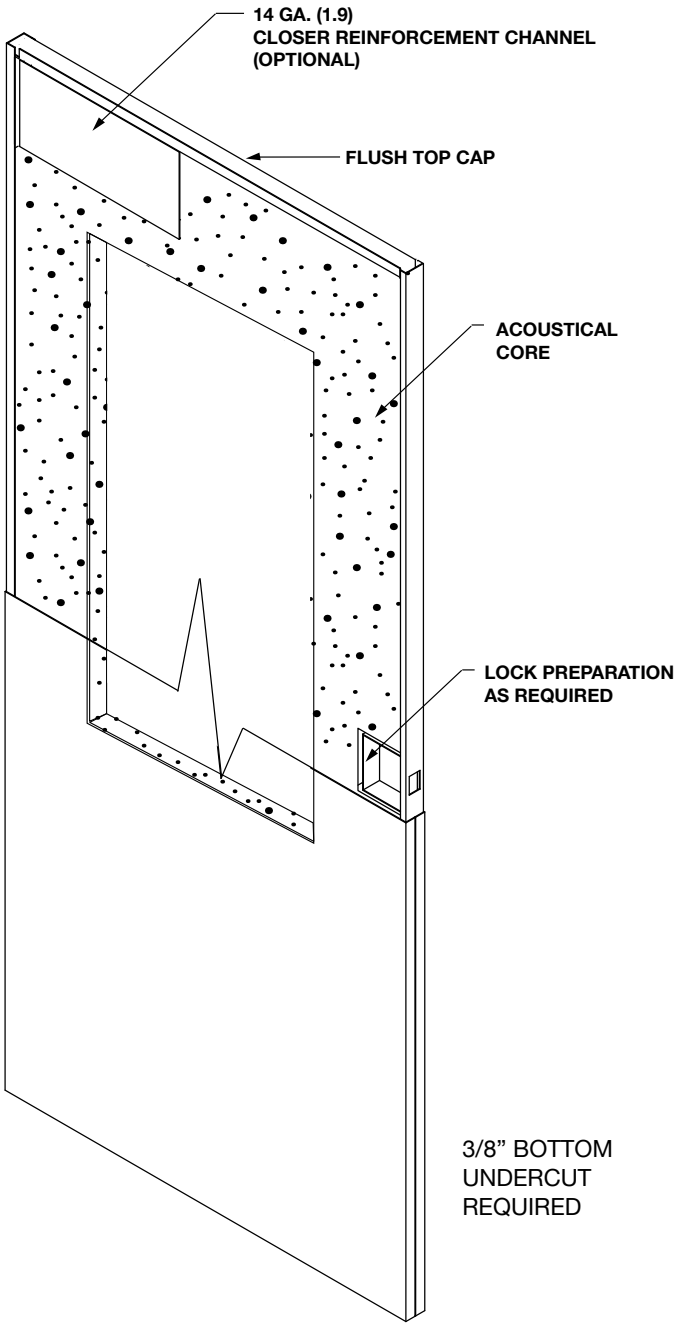
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 39) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 39 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

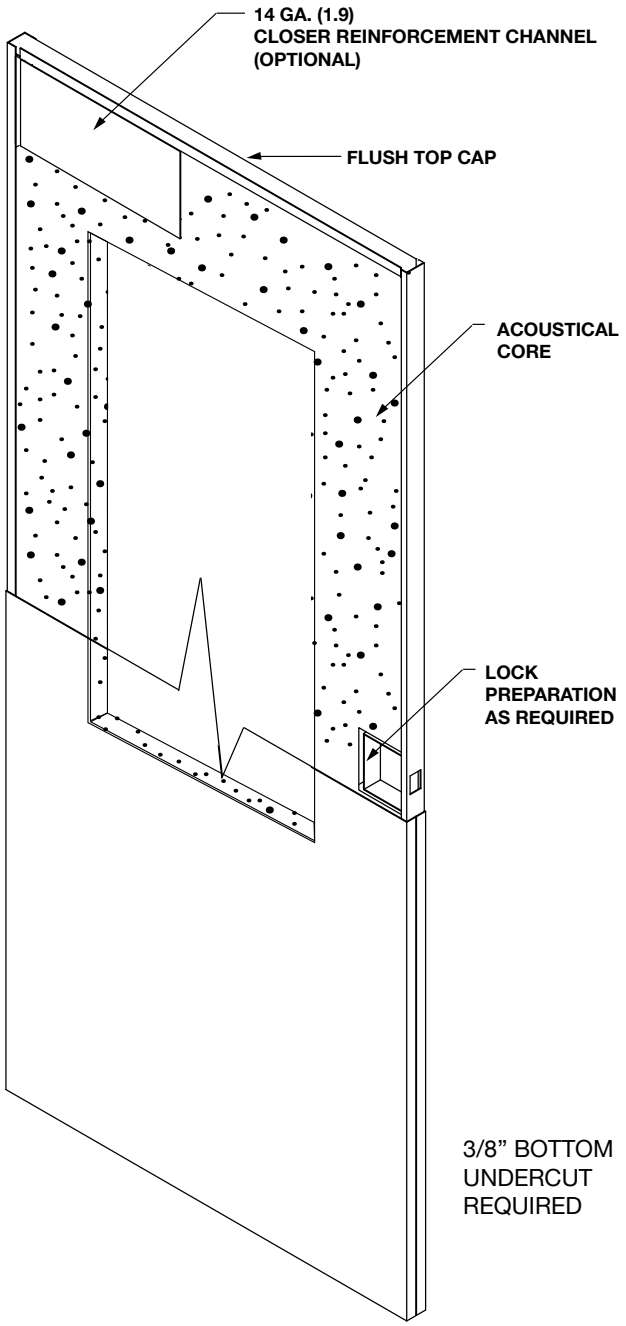
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 40) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 40 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 40 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

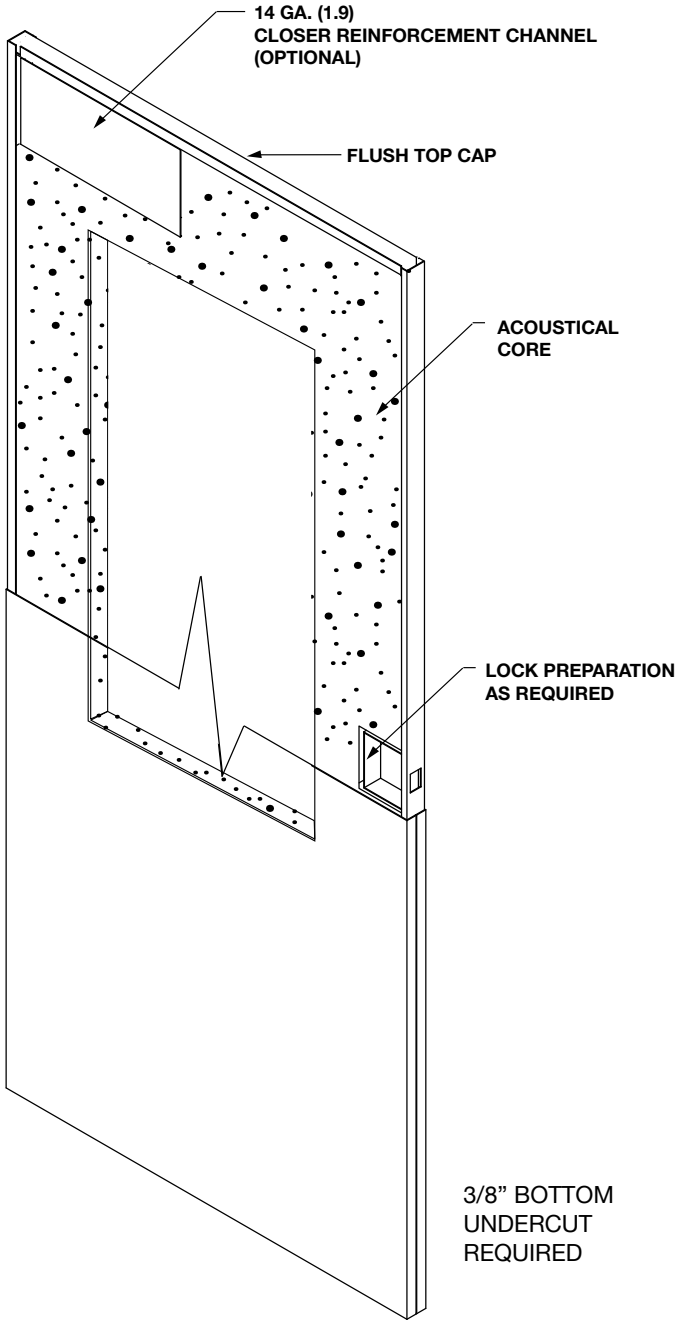
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 41) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 41 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
STC 41 WITH CYLINDRICAL LOCK AND MAY INCLUDE UP TO AND INCLUDING A 1-1/2 HOUR FIRE RATING.

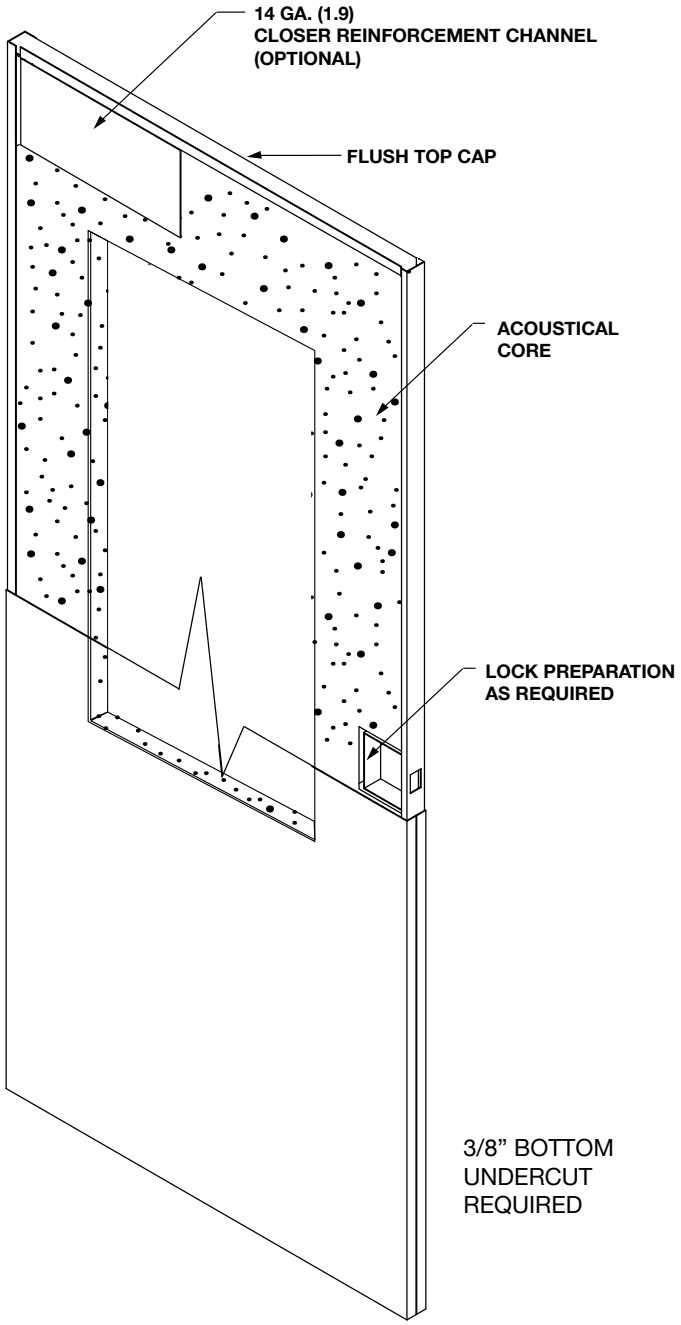
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 42) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 42 WITH CYLINDRICAL, MORTISE OR RIM PANIC AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

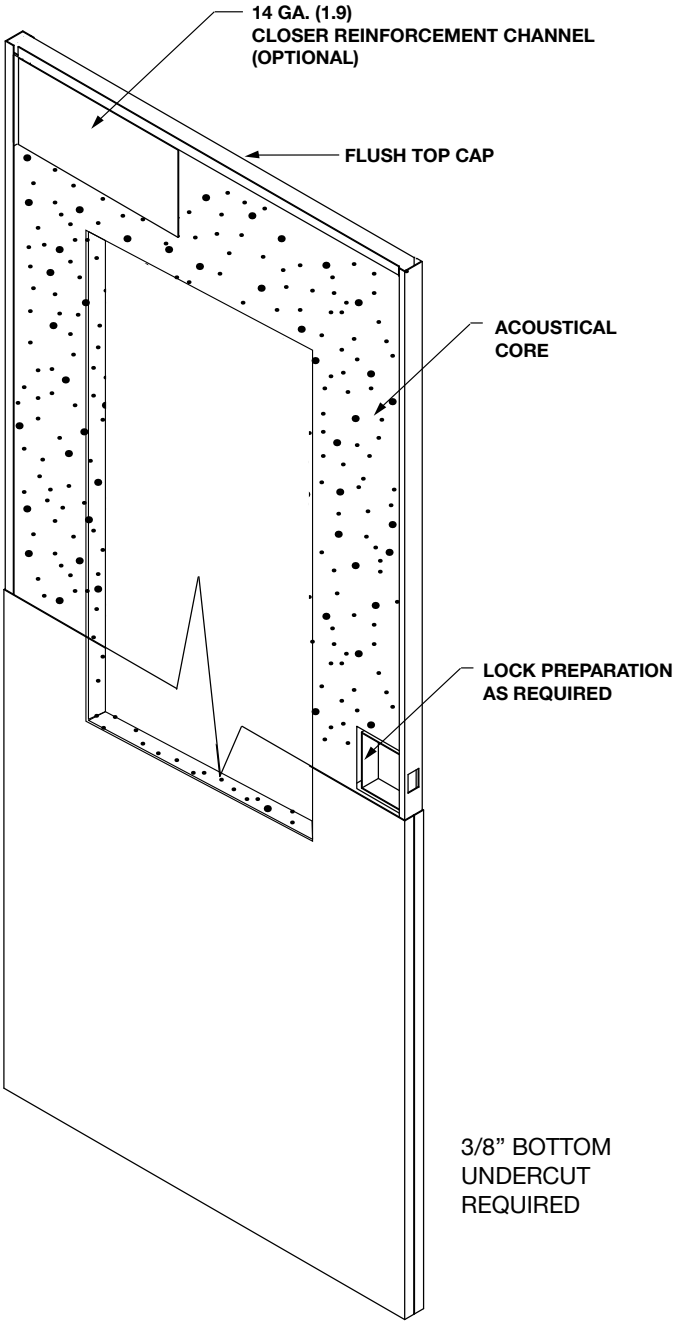
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 43) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 43 WITH CYLINDRICAL OR MORTISE LOCK AND MAY INCLUDE UP TO AND INCLUDING A 3 HOUR FIRE RATING.

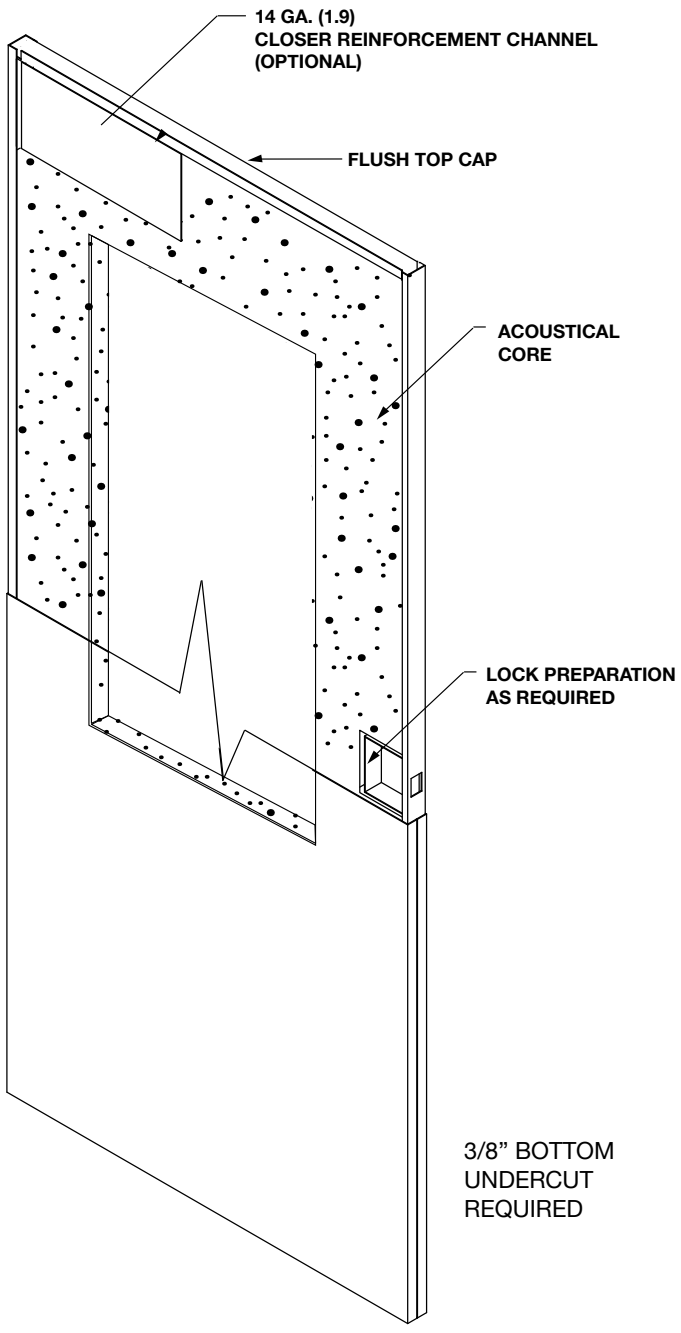
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/ REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



757 (STC 44) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
STC 44 WITH CYLINDRICAL ONLY AND MAY INCUDE UP TO AND INCUDING A 3 HOUR FIRE RATING.

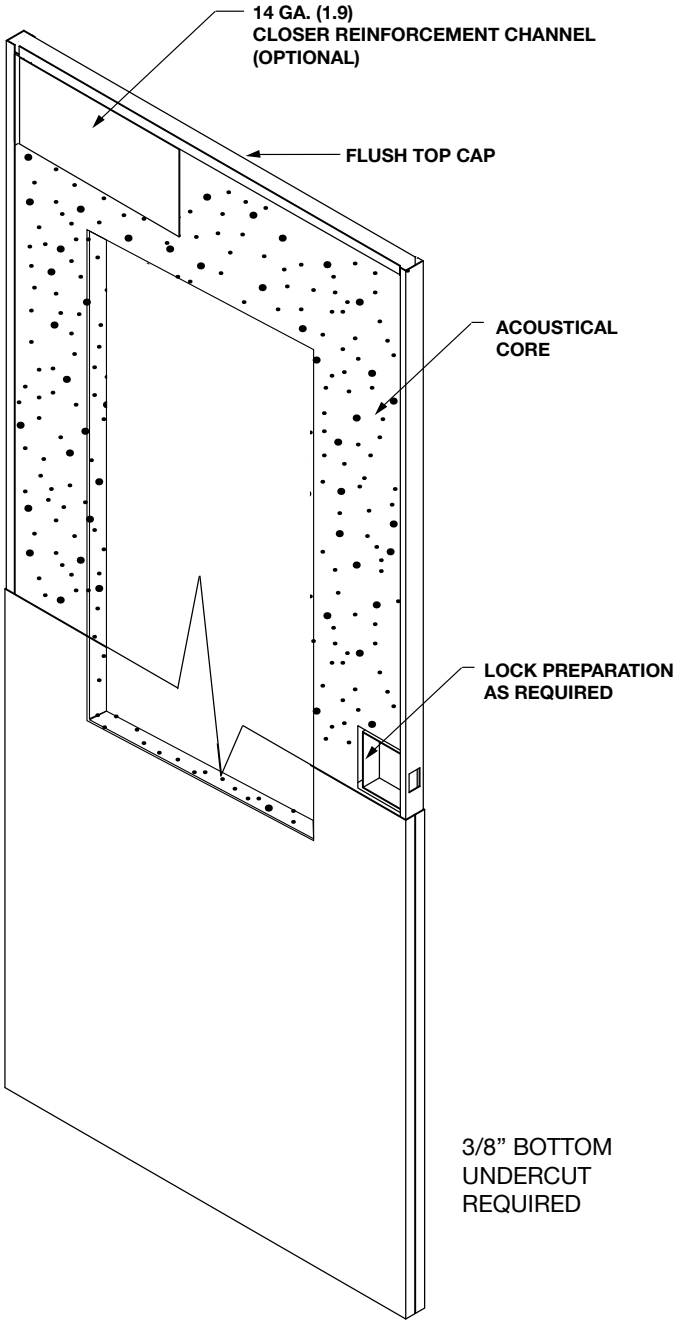
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #4:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (3)
PEMKO 303 AS (2)
ASTRAGAL STRIP 4441



STC 32-44 GLAZED
757 (STC 32) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Sound

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

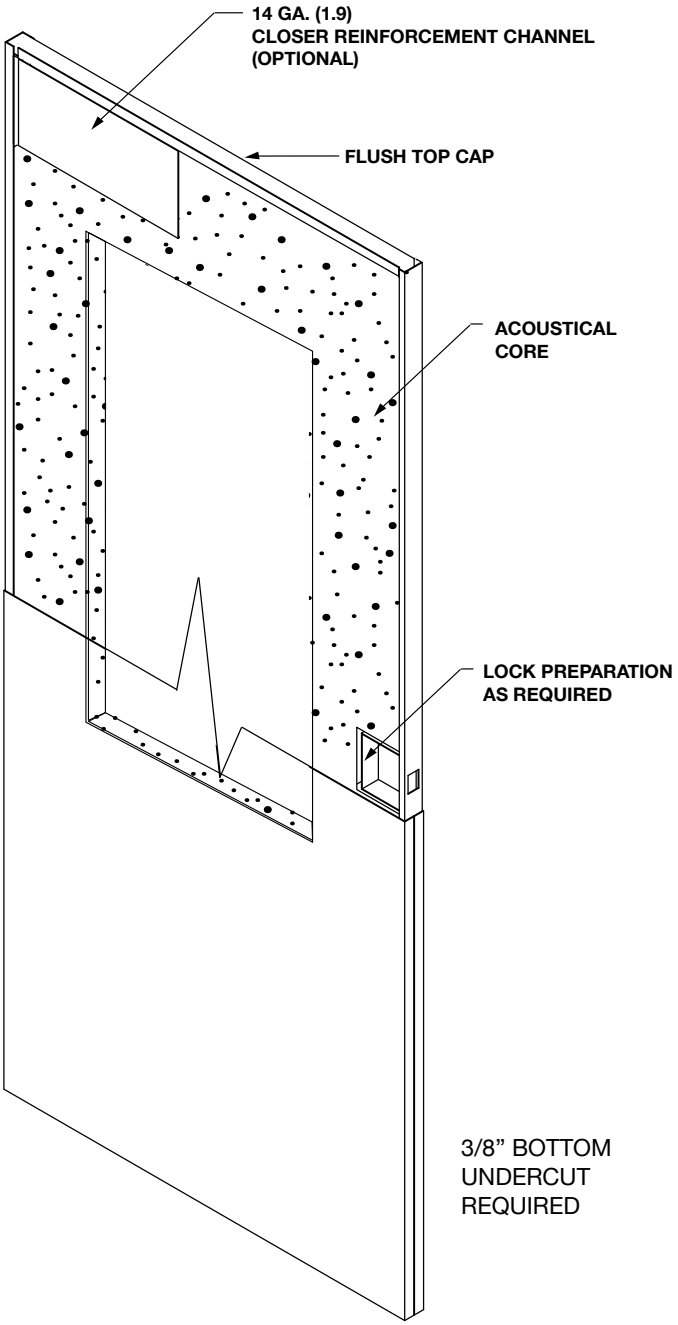
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 33) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

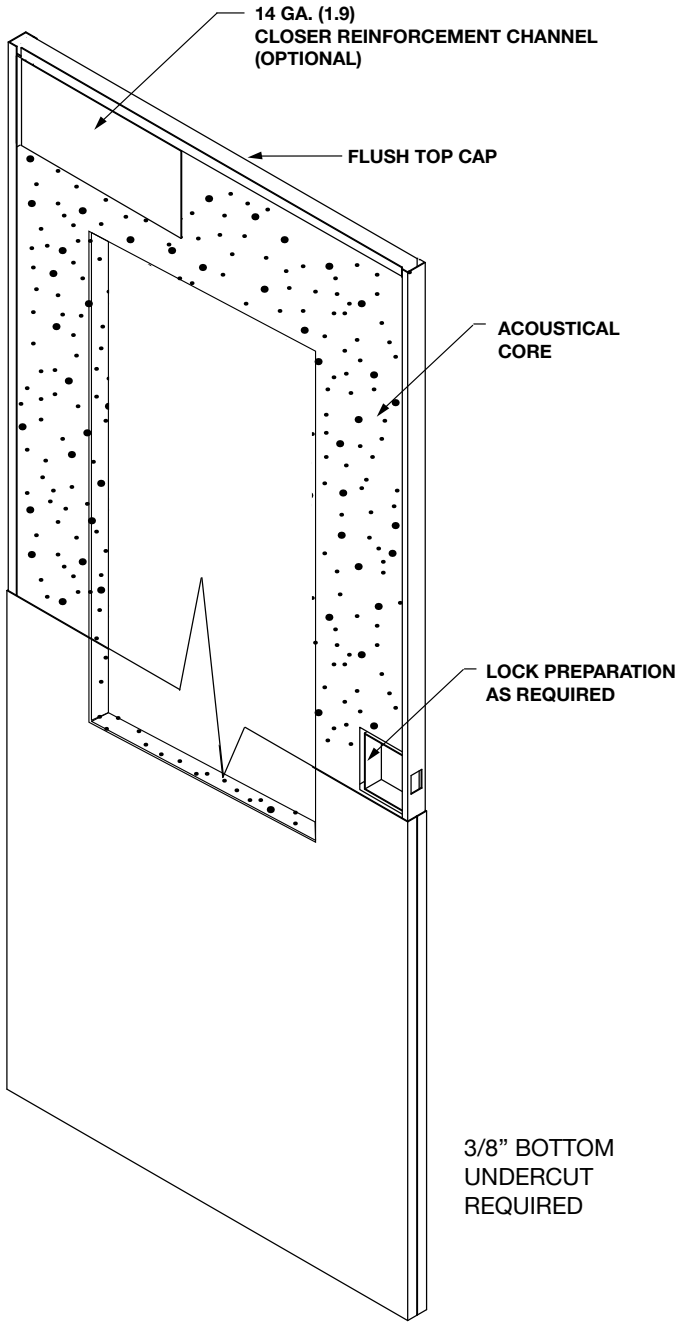
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 34) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

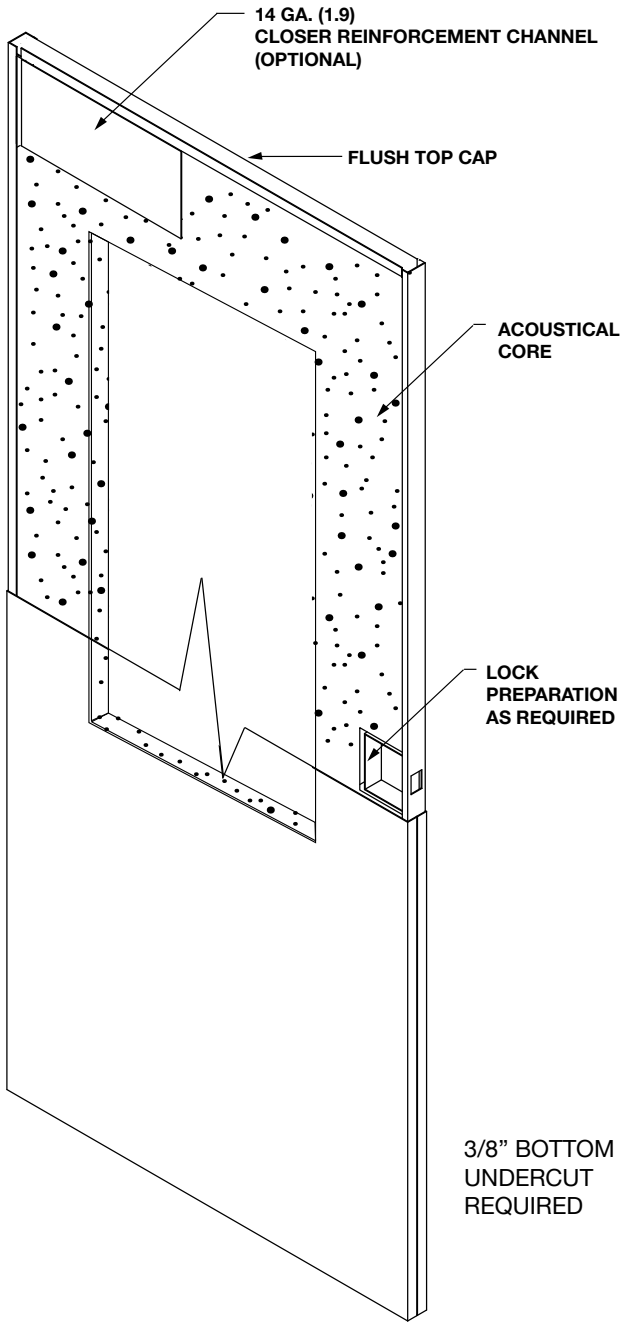
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 35) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

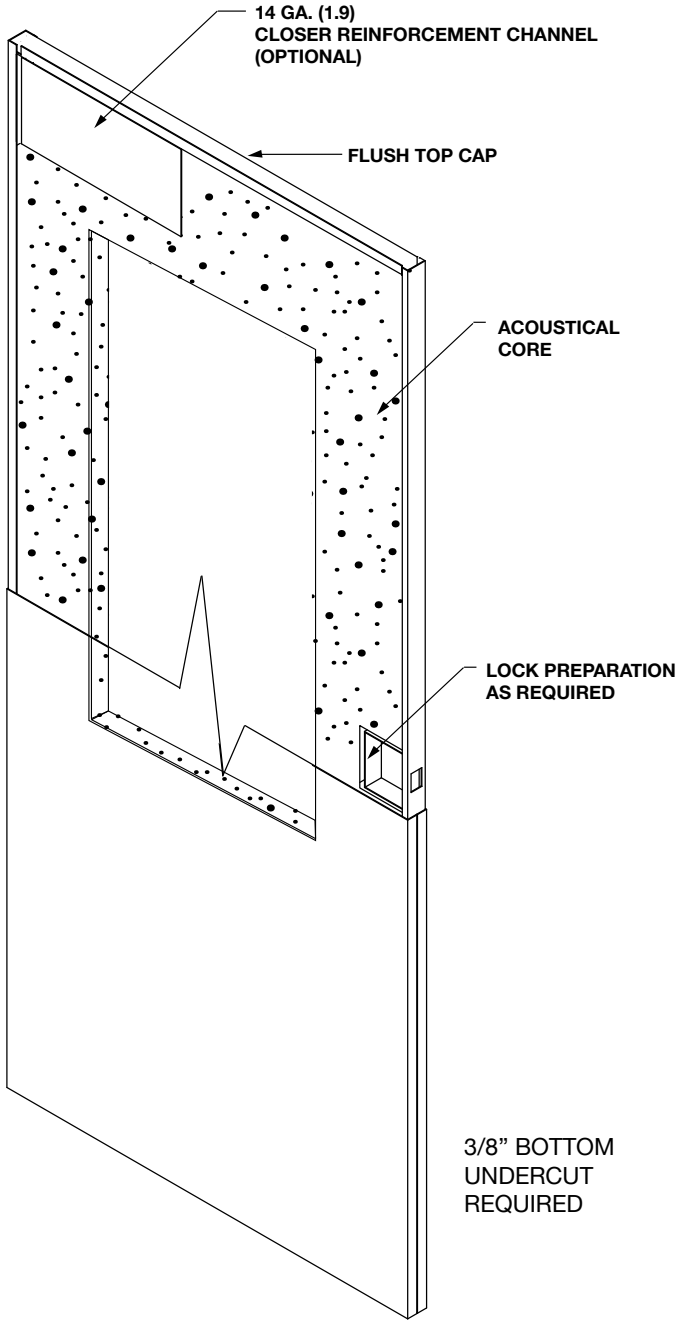
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 36) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

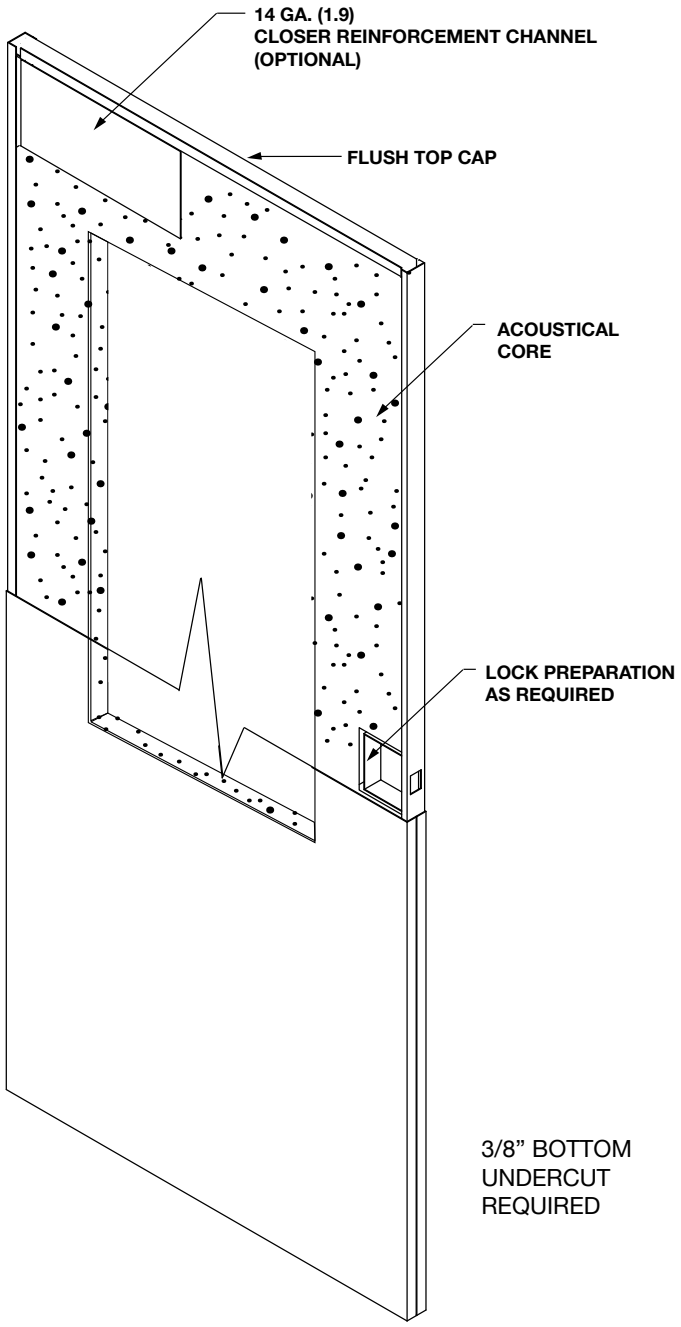
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112



757 (STC 37) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 720 IN² OF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

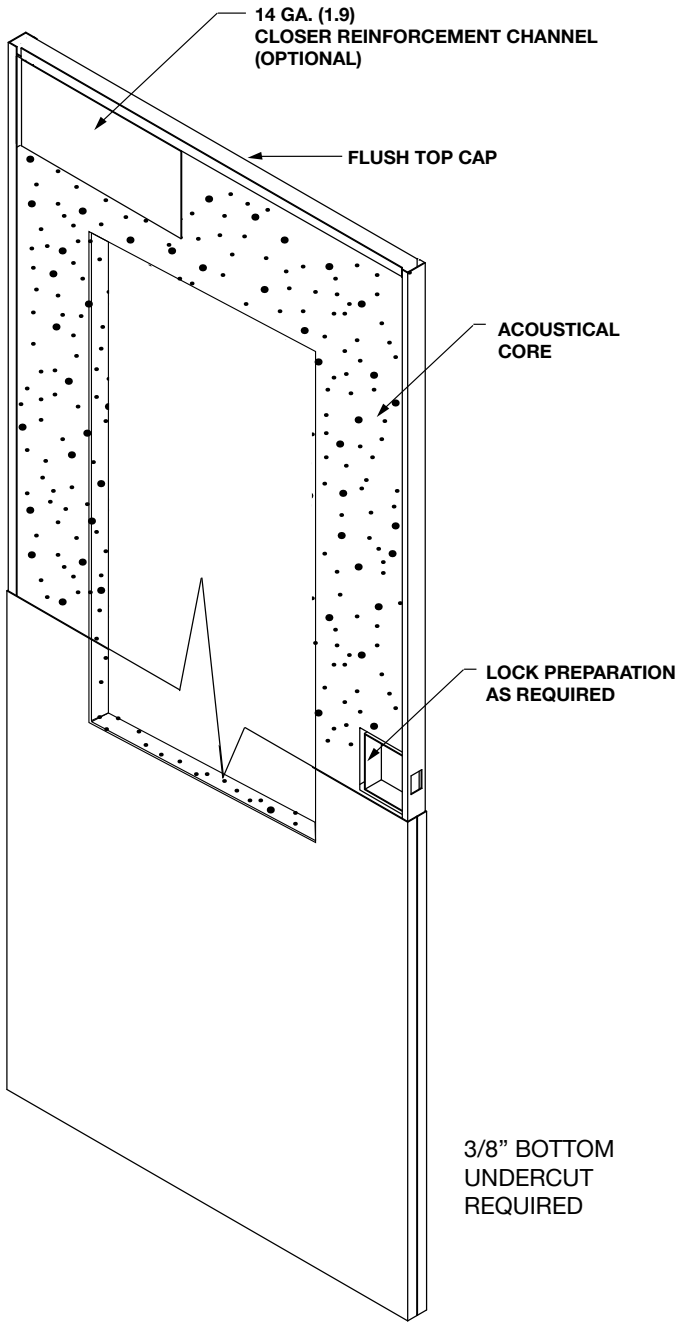
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



3/8" BOTTOM UNDERCUT REQUIRED

757 (STC 38) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

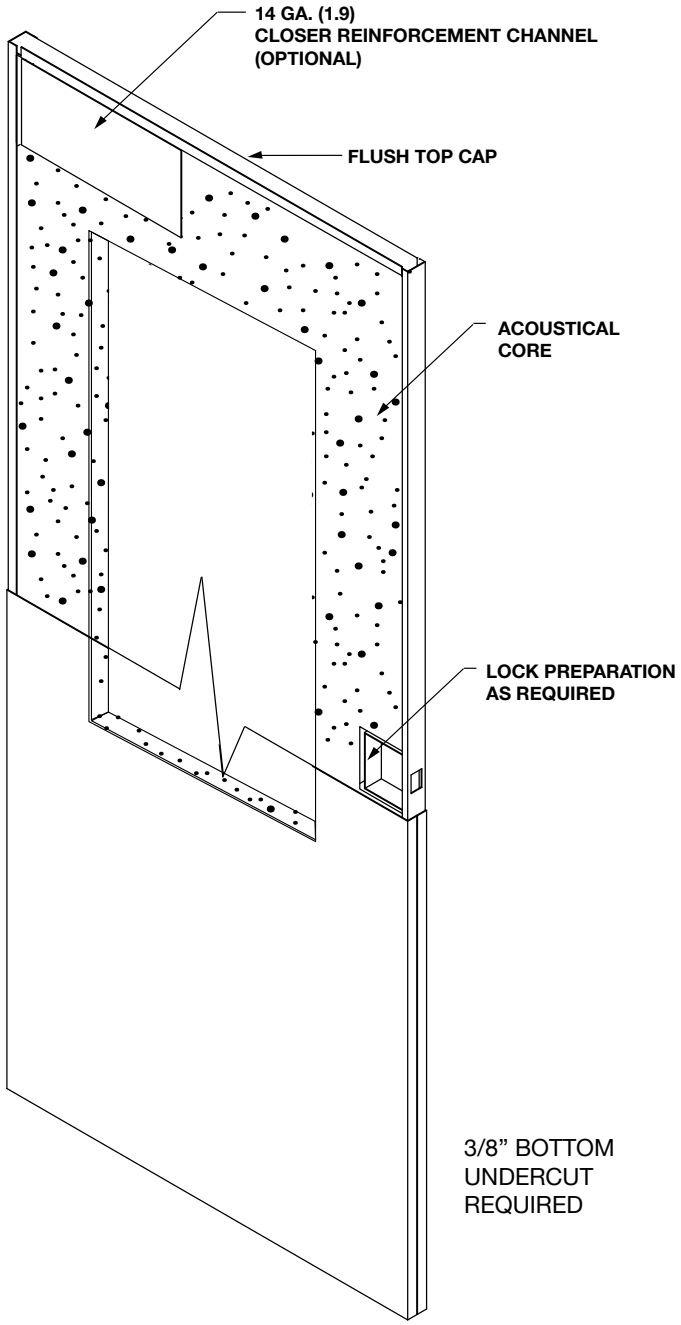
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 39) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

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STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

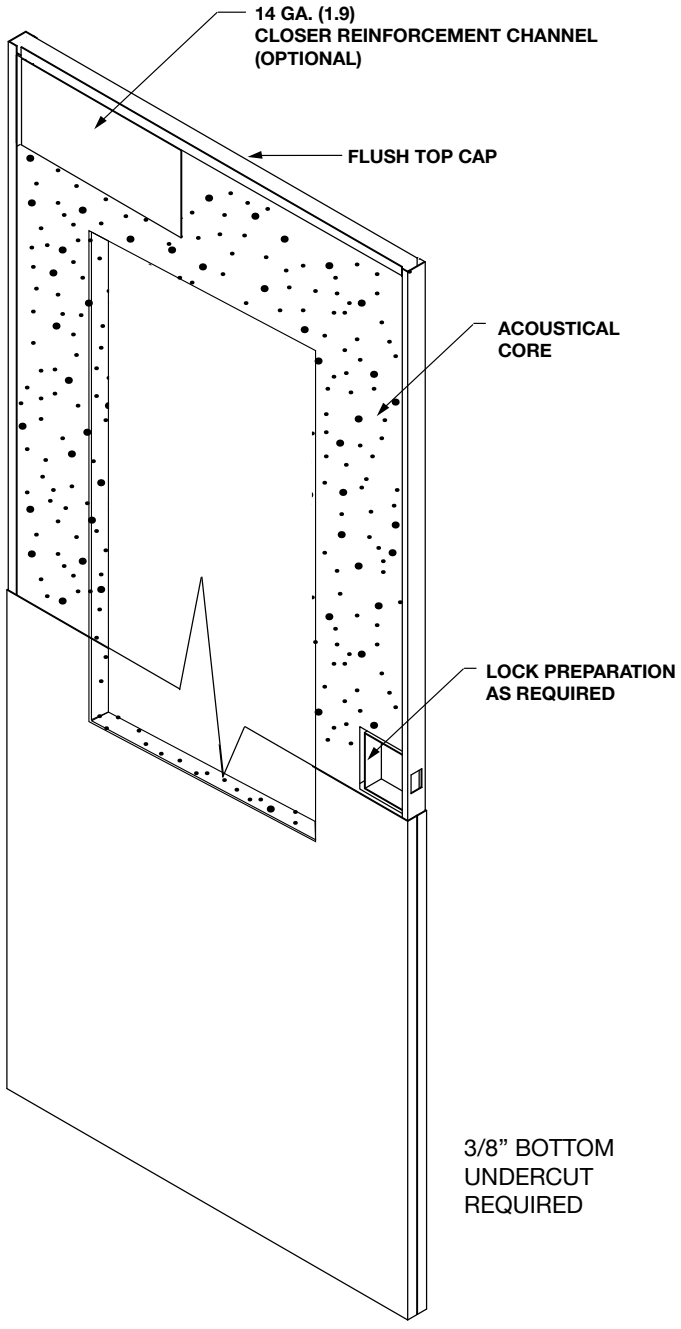
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 40) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

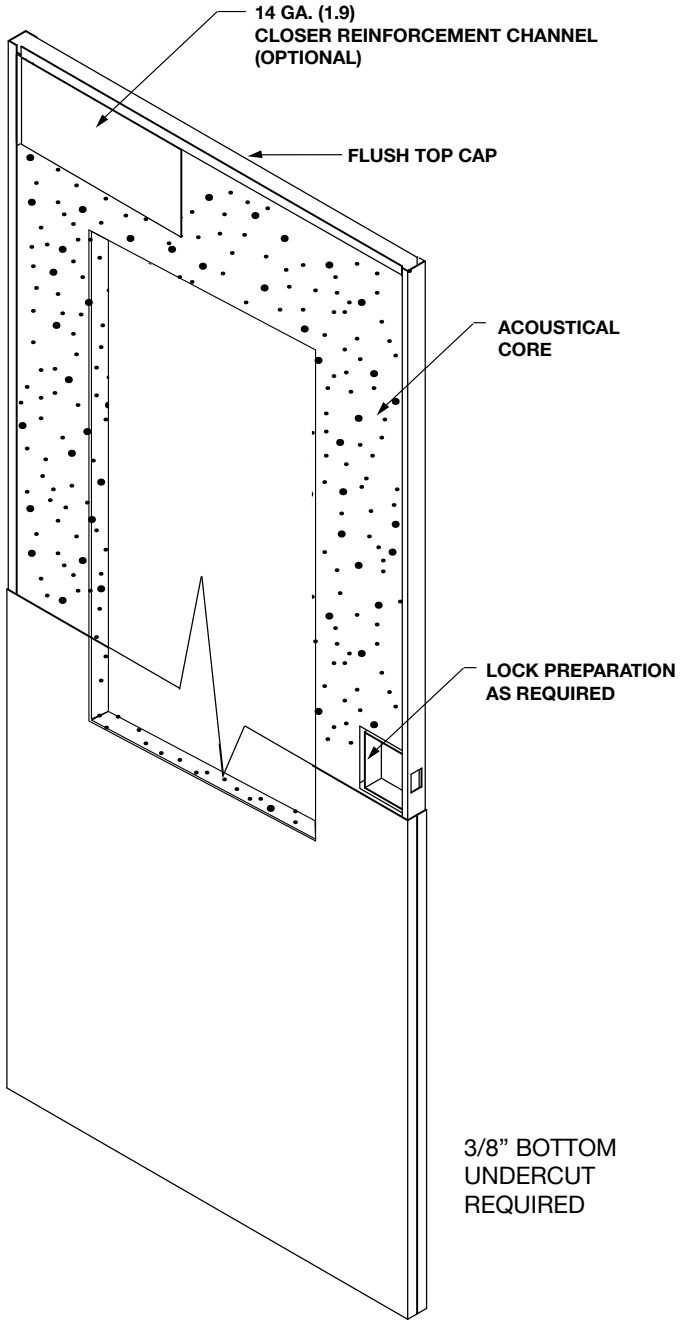
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 41) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCUDING 288 IN² POF 5/16" PYRAN GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

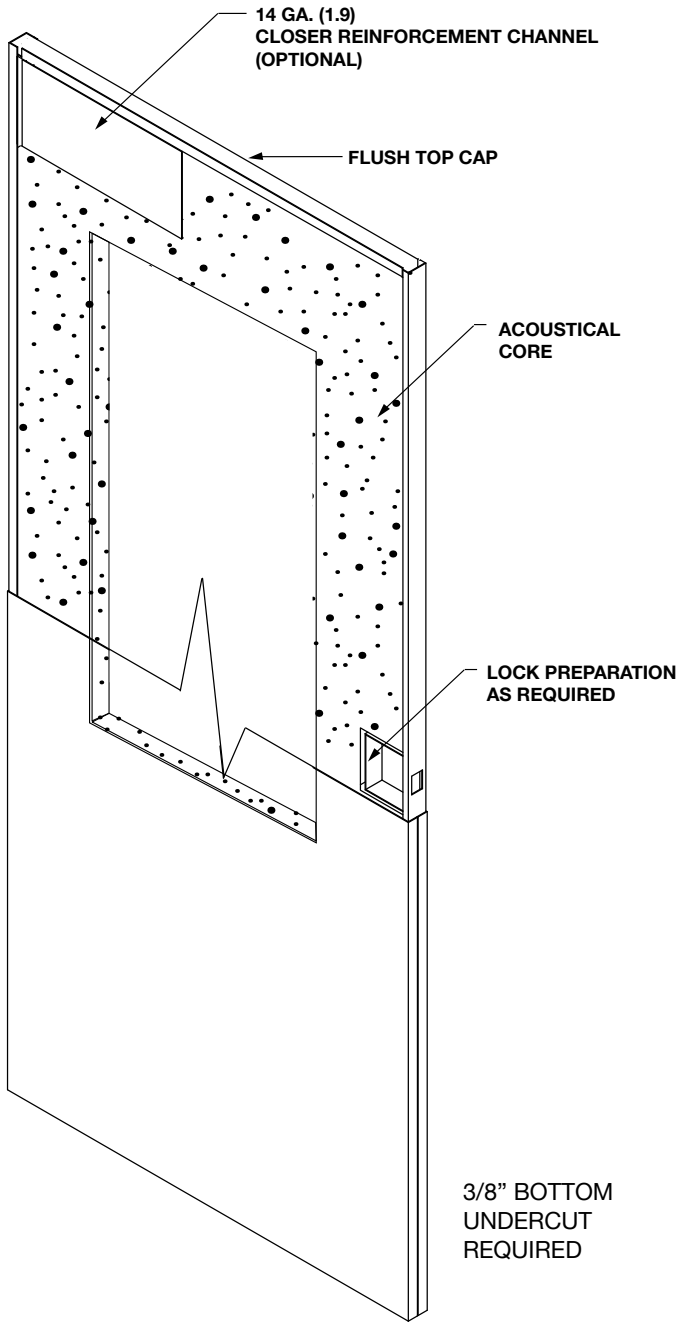
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 42) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS:
OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

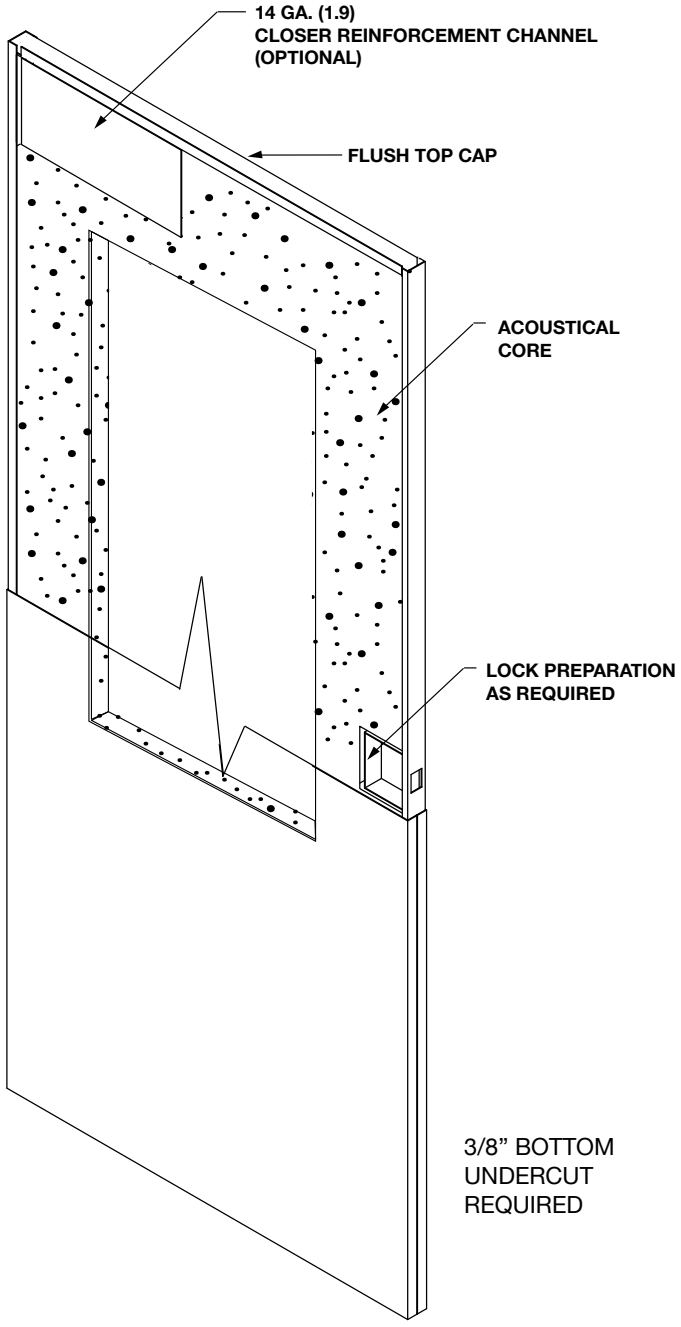
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 43) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

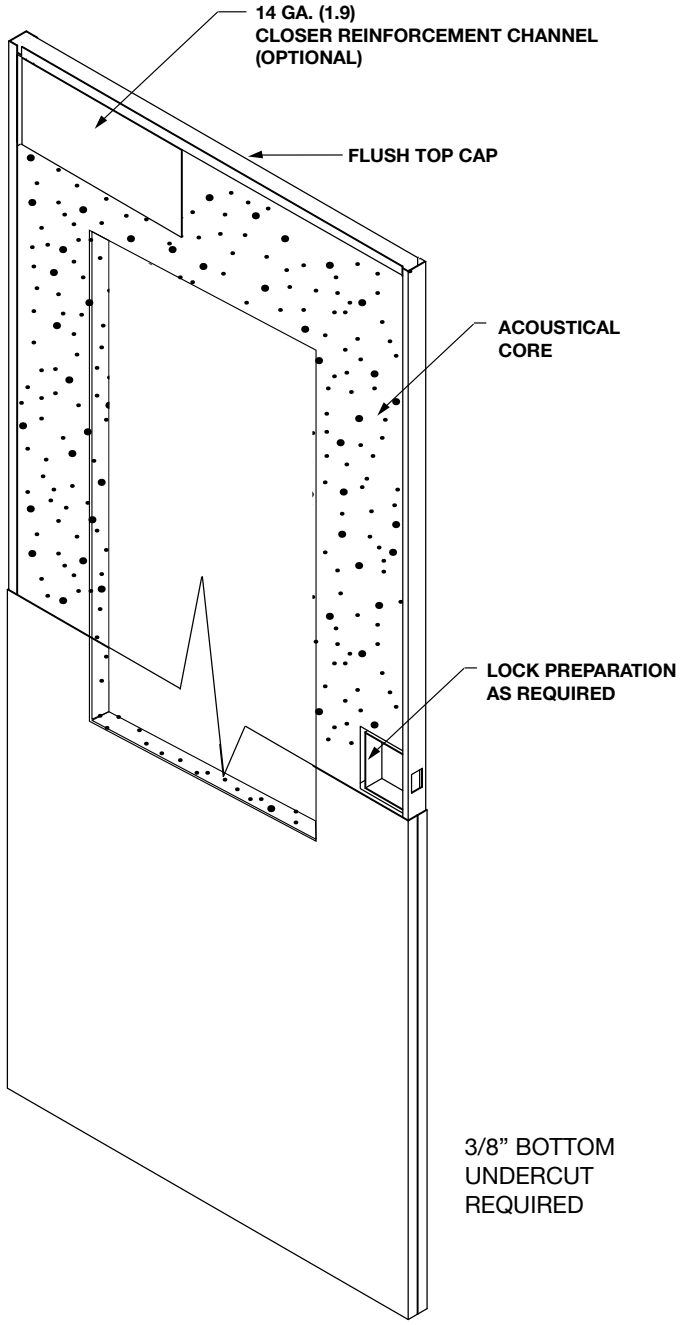
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



757 (STC 44) SOUND DOOR CONSTRUCTION - PAIRED WITH GLASS

Ⓛ

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *WALL CONSTRUCTION NEEDS TO BE EQUAL OR GREATER STC VALUE AS DOOR/FRAME*
5. *THE FRAME MUST BE MORTAR FILLED TO ACHIEVE AN STC RATING OF 40 AND ABOVE*
6. *1-3/4" THICK DOORS*
7. *FRAMES MUST BE SINGLE OR DOUBLE RABBET, CONTINUOUSLY WELDED. 16 OR 14 GAUGE, STANDARD HOLLOW METAL FRAME*
8. *HINGES - 4-1/2" STANDARD OR HEAVYWEIGHT, 5" STANDARD OR HEAVYWEIGHT*
9. *ELECTRIC RACEWAYS ARE ALLOWED*
10. *ALL SEALS & THRESHOLDS INCLUDED*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS*

HARDWARE LIMITATIONS WITH FIRE RATINGS: OPTIONAL LOCK PREPARATIONS WITH: UP TO AND INCLUDING 100 IN² POF 5/16" PYRAN PLATINUM GLASS
SURFACE VERTICAL ROD X SURFACE VERTICAL ROD

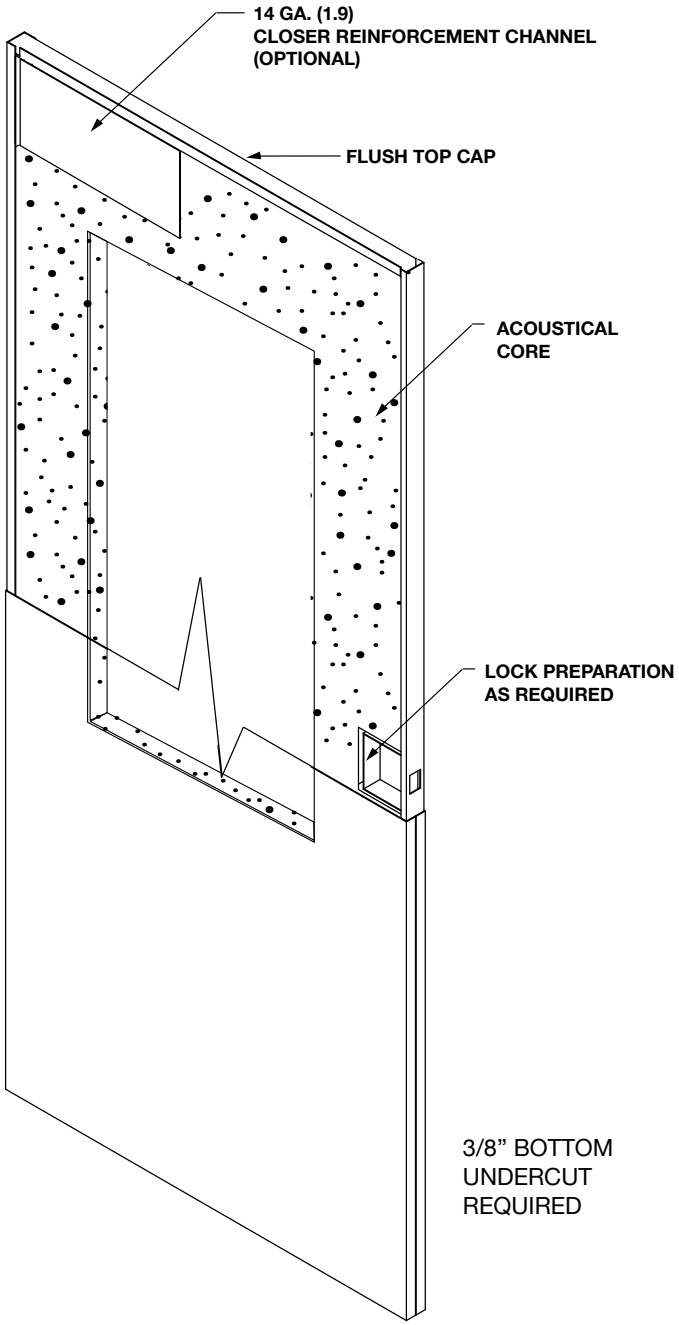
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE

SEAL SET #13:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

PERIMETER:
PEMKO S44
PEMKO S88
PEMKO S773

BOTTOM:
PEMKO 2008 PK
PEMKO ACP 112

MEETING EDGES:
PEMKO S88 (4)
PEMKO 303 AS (4)



3/8" BOTTOM UNDERCUT REQUIRED

757 (UP TO STC 41) MODEL AS41C SOUND DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

Sound

STANDARDS COMPLIANCE:

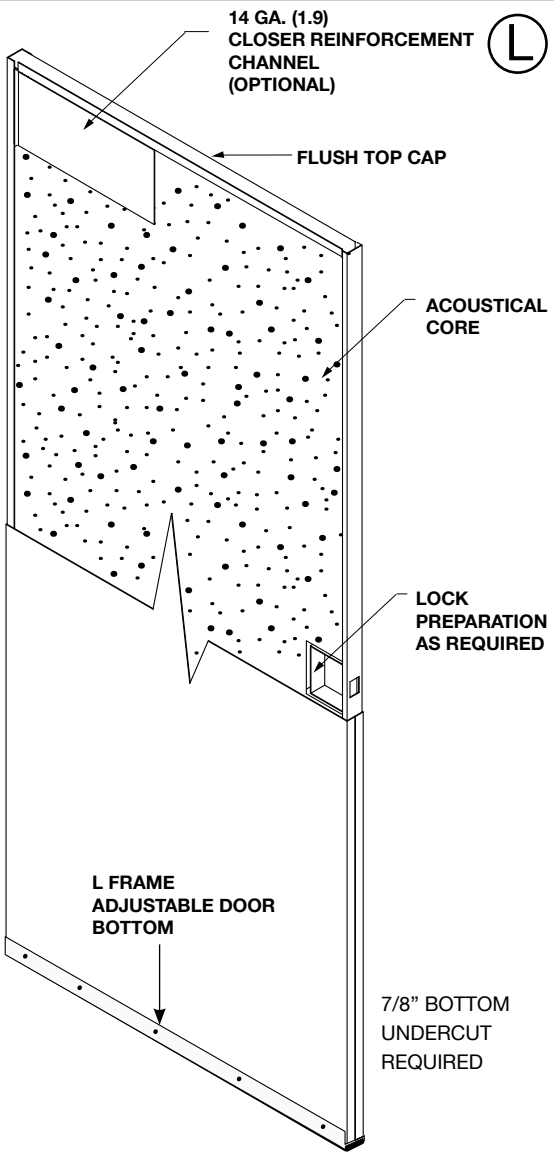
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL SOUND DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW



SINGLE SEAL SET RCG:*

PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM1/2"FLAT UNFLUTED THRESHOLD

**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

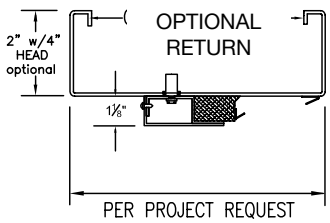
PAIR: SEAL SET RCGP:*

PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

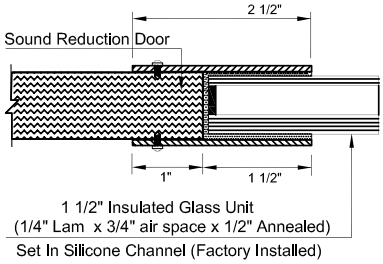
MEETING EDGES:
PEMKO S44 (2)OPTIONAL EPDM ASTRAGAL

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM1/2"FLAT UNFLUTED THRESHOLD

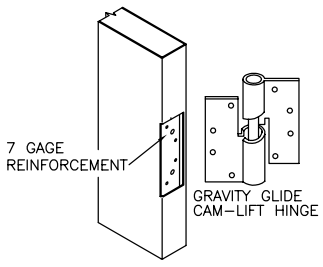
ADJ FRAME PROFILE



OPTIONAL GLAZING



GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC42-46) MODEL AS46C SOUND DOOR CONSTRUCTION

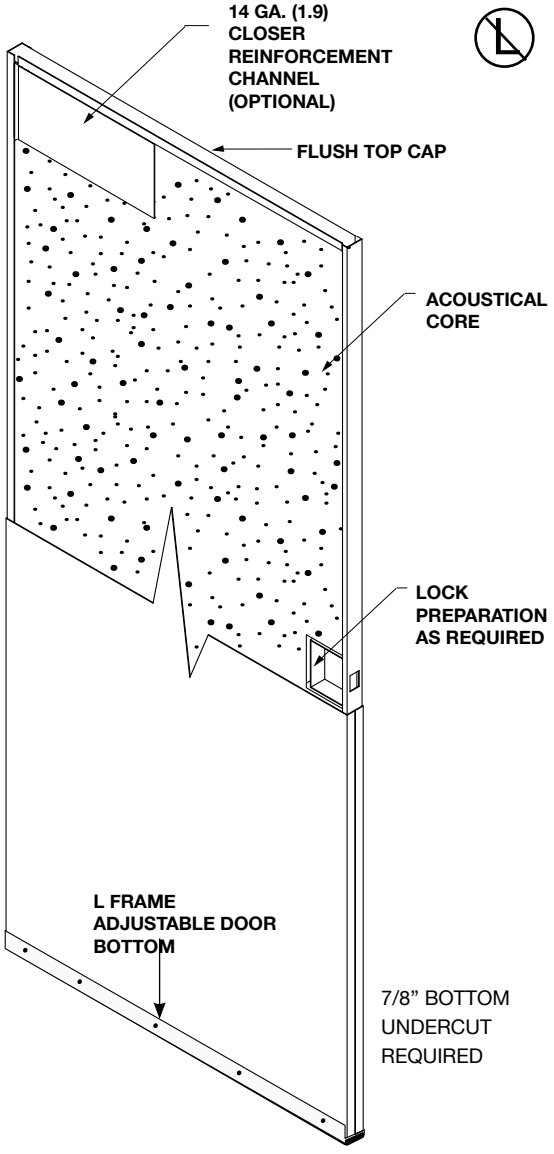
757 DOOR OPTIONS:
- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL SOUND DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW



SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM
1/2"FLAT UNFLUTED THRESHOLD

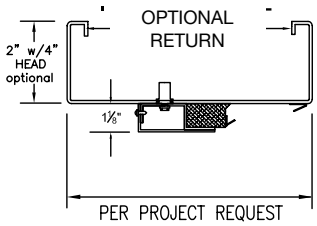
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

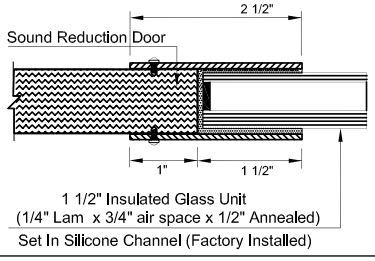
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM
1/2"FLAT UNFLUTED THRESHOLD

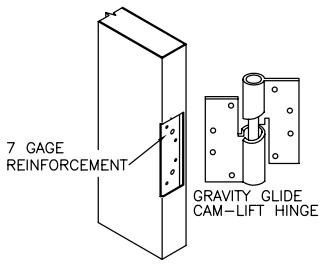
ADJ FRAME PROFILE



OPTIONAL GLAZING



GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC47-49) MODEL AS49C SOUND DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL SOUND DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED
FIRE RATING:

NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW

SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

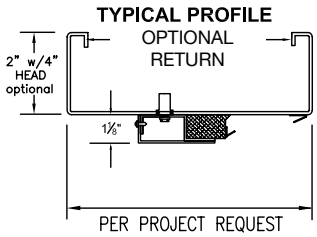
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

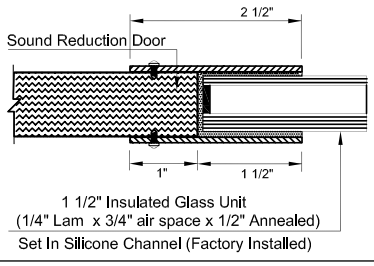
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

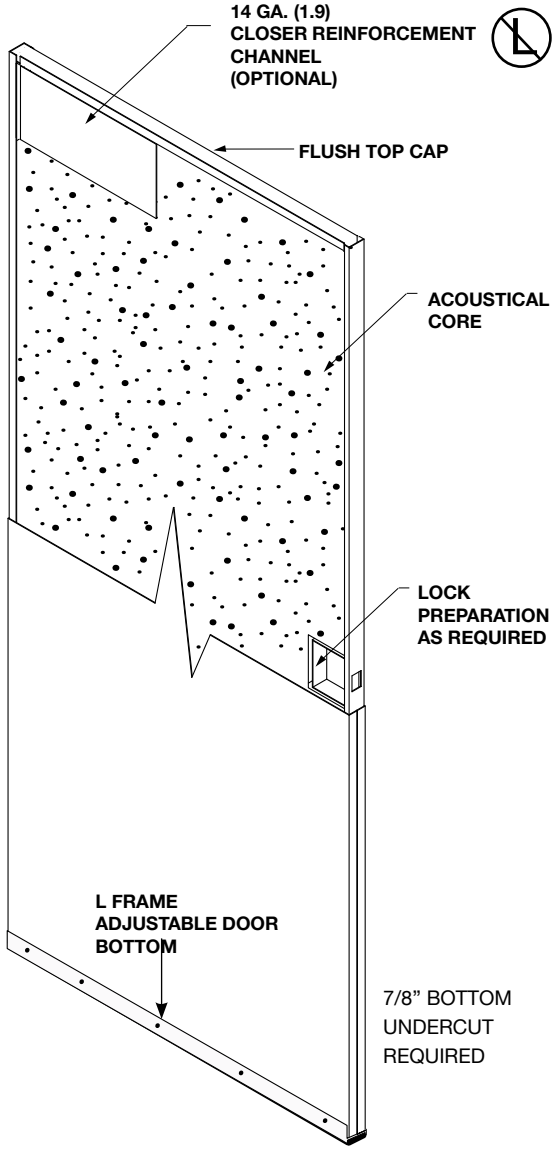
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

ADJ FRAME PROFILE

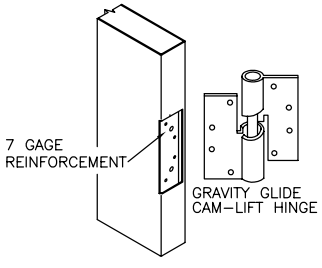


OPTIONAL GLAZING





GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC50-52) MODEL AS52C SOUND DOOR CONSTRUCTION

757 DOOR OPTIONS:

- PAIRS AVAILABLE - POTENTIAL SOUND LOSS = 5 STC POINTS.
- GLASS AVAILABLE - POTENTIAL SOUND LOSS = 2 STC POINTS UP TO 300 SQUARE INCHES LARGER GLASS MAY RESULT IN ADDITIONAL SOUND LOSS.
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

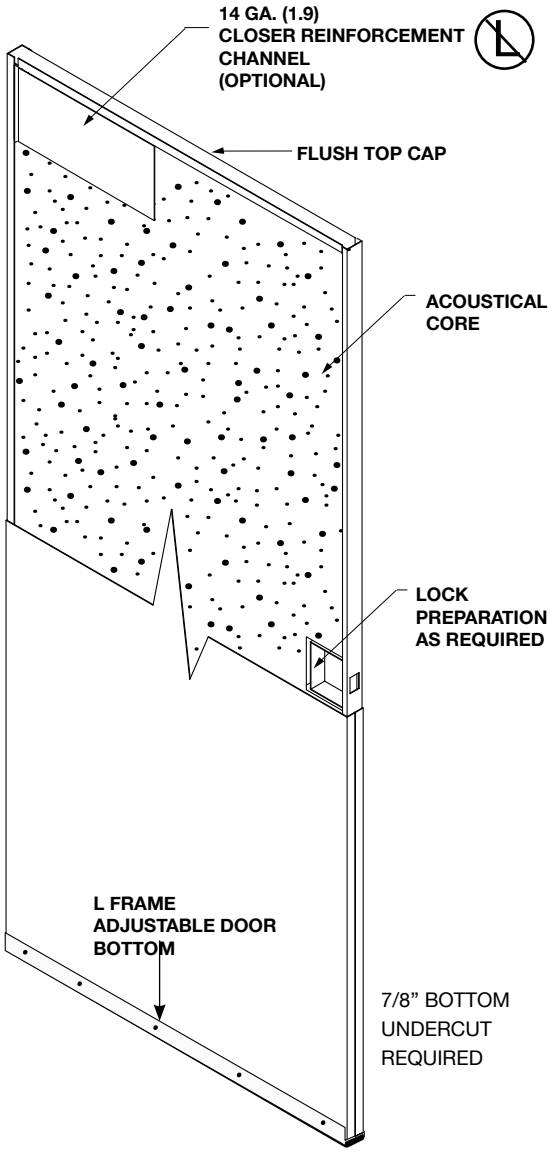
STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:

1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL SOUND DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW



SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

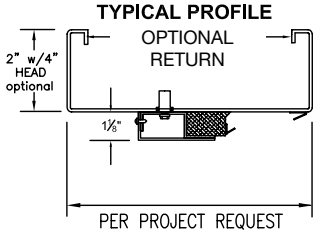
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

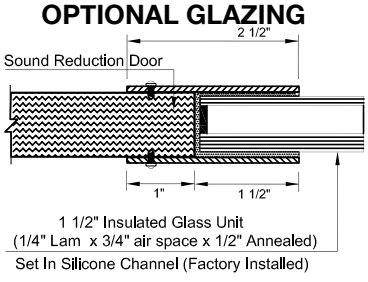
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

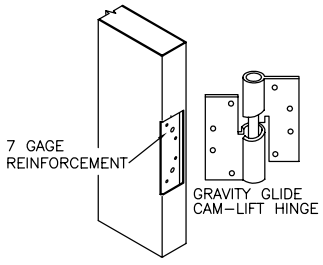
ADJ FRAME PROFILE
TYPICAL PROFILE



OPTIONAL GLAZING



GRAVITY-GLIDE CAM-LIFT HINGE



757 (STC53-54) MODEL AS54C SOUND DOOR CONSTRUCTION

757 DOOR OPTIONS:
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *AN ALUMINUM THRESHOLD IS INCLUDED. THRESHOLD MUST PROTRUDE 1 1/2" INCHES PAST THE FACE OF THE FRAME ON THE PULL SIDE OF THE DOOR TO ALLOW THE EDPM RUBBER SECTION OF THE DOOR BOTTOM TO SEAT PROPERLY DURING NORMAL OPERATION OF THE GRAVITY GLIDE CAM-LIFT HINGES.*
2. *DOOR BOTTOM REQUIRES A FLUSH LEVEL SEALING SURFACE. THRESHOLD TO BE GROUTED SOLID.*
3. *ASSEMBLY EQUIPPED WITH METAL SOUND DOOR, FRAME, SEALS DOOR BOTTOM, THRESHOLD, GRAVITY GLIDE CAM-LIFT HINGES.*
4. *1-3/4" THICK DOORS. DOOR WEIGHT IS 8.4 POUNDS PER SQUARE FOOT. FRAME MUST BE SECURELY TIED TO THE FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.*
6. *DOORS ARE FORMED OF NO LESS THAN 16 GAUGE STEEL CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
7. *FRAMES ARE FORMED OF NO LESS THAN 14 GAUGE STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND FINISHED SMOOTH.*
8. *FRAMES MUST BE FULLY GROUTED.*
9. *INDUSTRY STANDARD CONSTRUCTION TOLERANCES FOR SQUARNESS OF FRAME INSTALLATION, PLUMBNESS OF WALLS, FLATNESS OF FLOORS, ETC. MAY RESULT IN A DIFFERENCE OF 3DB-5DB SOUND LOSS IN A FIELD TEST VS. LAB RESULTS.*
10. *STC LABEL APPLIED TO DOOR ONLY.*
11. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

DOORS TESTED = 3070, 16 GAUGE, FLUSH SINGLE
FRAMES TESTED = 3070, 14 GAUGE, WELDED, GROUTED

FIRE RATING:
NON-RATED ONLY
OPENING SIZES:
MINIMUM SIZE - 2'0" X 6'8" SINGLE
MAXIMUM SIZE - 4'0" X 8'0" SINGLE
FACE TYPES:
SEE DOOR OPTIONS BELOW

SINGLE SEAL SET RCG:*
PERIMETER:
EPDM COMPRESSION SEALPEMKO S44 (2)

BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

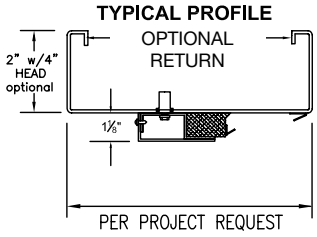
**(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)*

PAIR: SEAL SET RCGP:*
PERIMETER:
EPDM COMPRESSION SEAL PEMKO S44 (2)

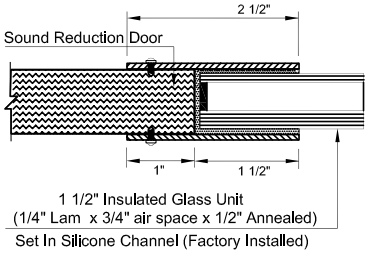
MEETING EDGES:
PEMKO S44 (2)
OPTIONAL EPDM ASTRAGAL

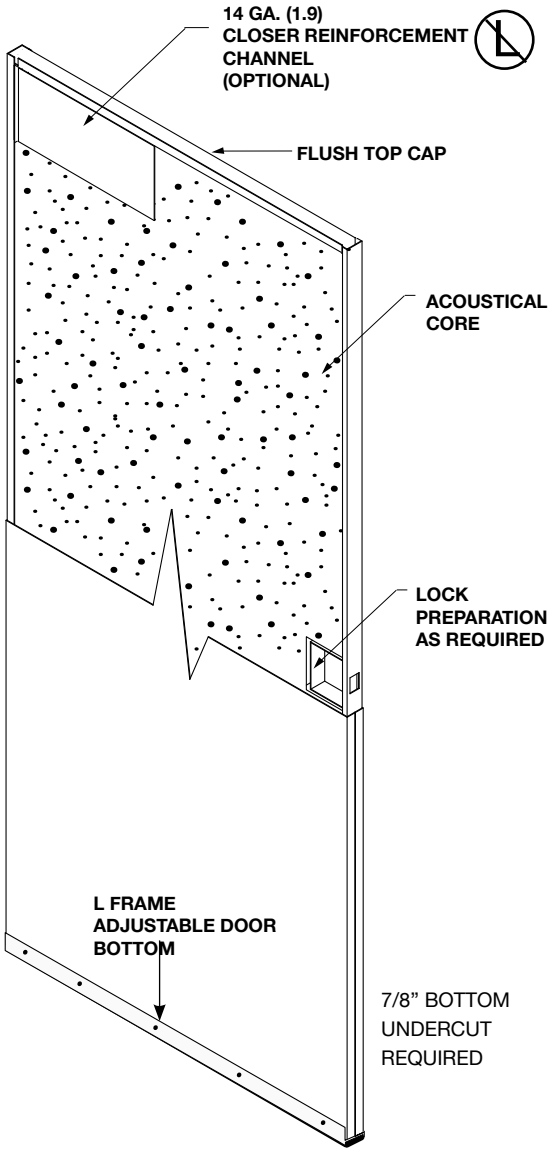
BOTTOM:
L-FRAME ADJUSTABLE DOOR BOTTOM-1/2"FLAT UNFLUTED THRESHOLD

ADJ FRAME PROFILE

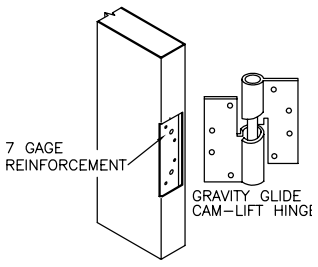


OPTIONAL GLAZING





GRAVITY-GLIDE CAM-LIFT HINGE



757+ (ST56-66) MODEL AS66C SOUND DOOR CONSTRUCTION

757 DOOR OPTIONS:
- INCREASED OPENING SIZES AVAILABLE. POTENTIAL SOUND LOSS MAY OR MAY NOT OCCUR AS SIZE INCREASES
- ASSEMBLY WAS FITTED WITH CYLINDRICAL UNIT LOCK. PREPARATIONS FOR ALTERNATE HARDWARE IS ALLOWED, HOWEVER SOUND LOSS MAY OR MAY NOT OCCUR.
- SOUND ASSEMBLIES ARE TESTED AS COMPLETE ASSEMBLIES. SOUND DEGRADATION MAY OCCUR WITH THE USE OF AN EXISTING DOOR OR FRAME.

STANDARDS COMPLIANCE:
ASTM E 90, ASTM E 1332, ASTM E2235, ASTM E413, SDI 128 AND HMMA 865

NOTES:
1. *MUTES NOT ALLOWED*
2. *SURFACE CLOSER ONLY*
3. *STC LABEL APPLIED TO DOOR ONLY*
4. *1-3/4" THICK DOORS*
5. *THE FRAMES MUST BE MORTAR FILLED TO ACHIEVE THE STC RATING*
6. *COMMUNICATING OPENING FRAME*
7. *CAMLIFT HINGES - INCLUDED*
8. *ELECTRIC RACEWAYS ARE ALLOWED*
9. *ALL SEALS, THRESHOLDS, & CAMLIFT HINGES INCLUDED*
10. *OTHER NON-TESTED ASSEMBLIES ARE AVAILABLE. CONTACT FACTORY FOR DETAILS.*

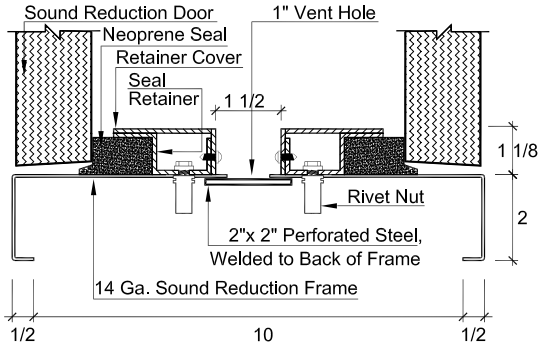
HARDWARE LIMITATIONS:
CYLINDRICAL ONLY OR UNIT LOCKS
3-3/4" BACKSET
3-1/2" MAXIMUM ROSE SIZE

FIRE RATING:
NON-RATED ONLY

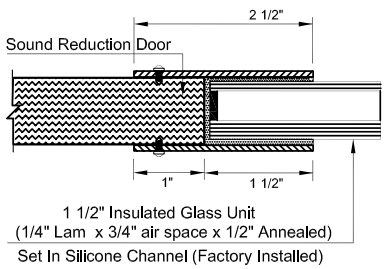
OPENING SIZES:
MAXIMUM SIZE 4'X8'

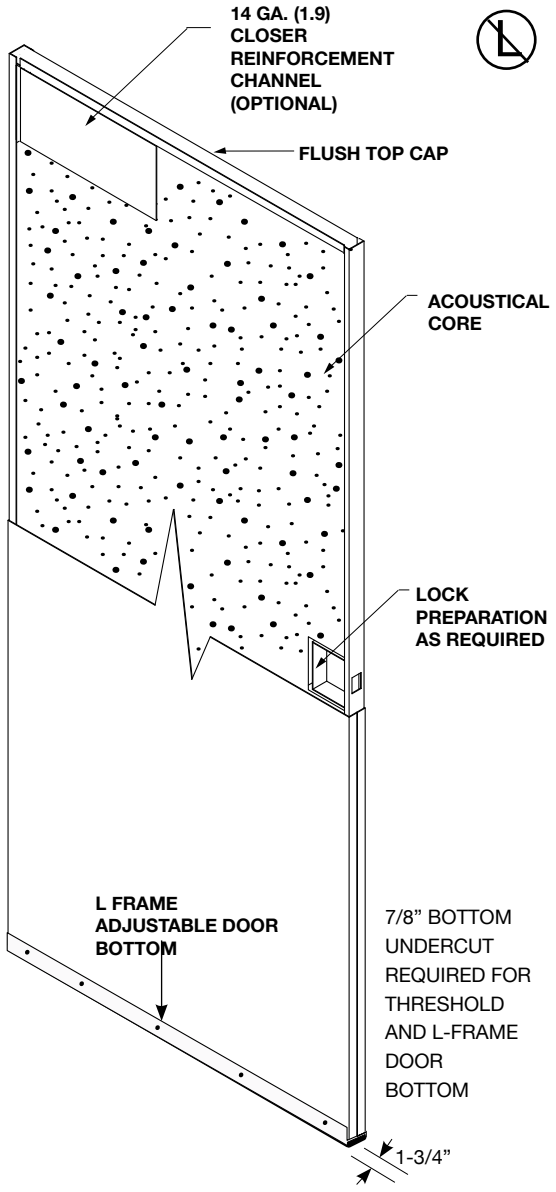
FACE TYPES:

SEAL SET:
(MAY VARY DEPENDING ON FEATURES/REQUIREMENTS OF OPENINGS)

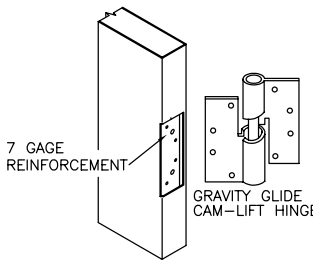


OPTIONAL GLAZING

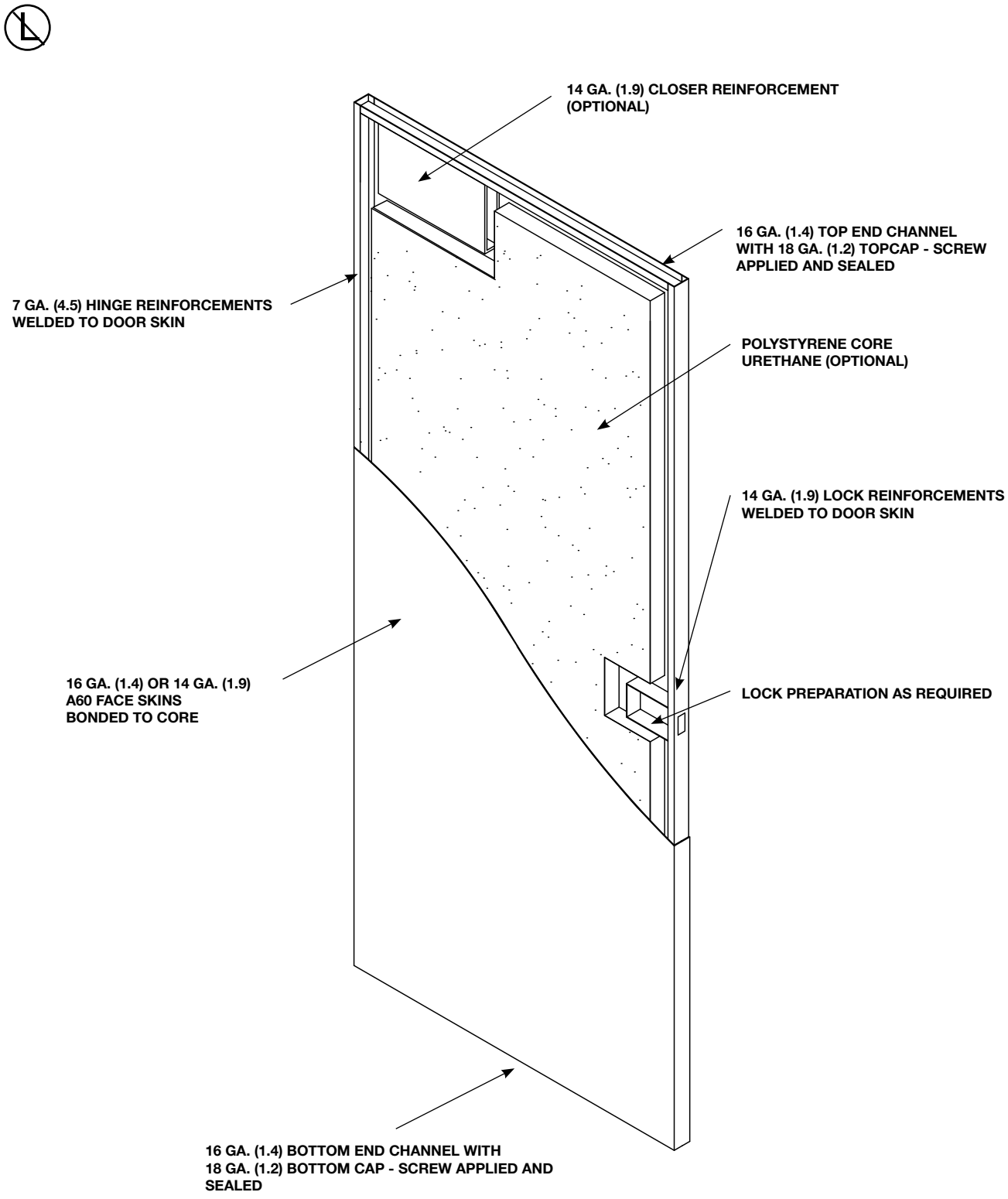




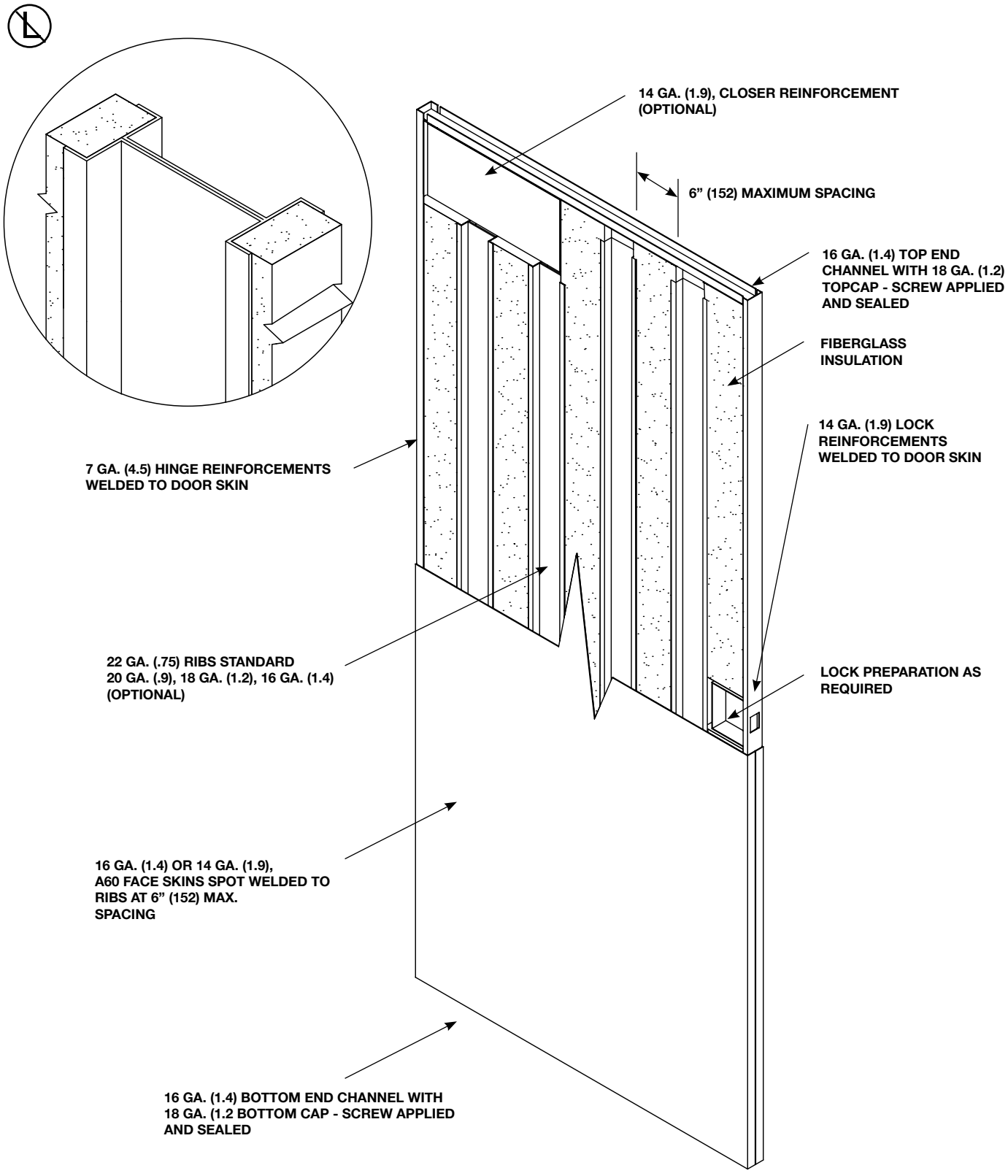
GRAVITY-GLIDE CAM-LIFT HINGE



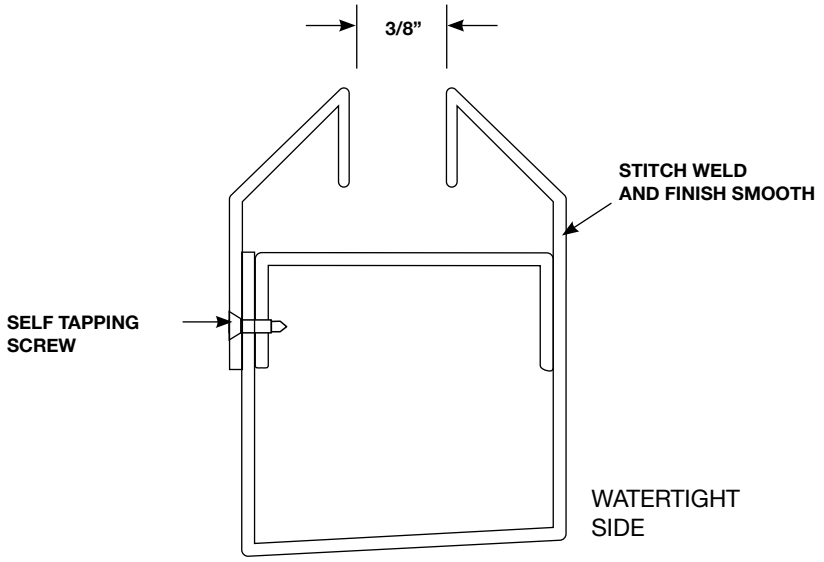
780 DOOR CONSTRUCTION - WATER RESISTANT DOOR

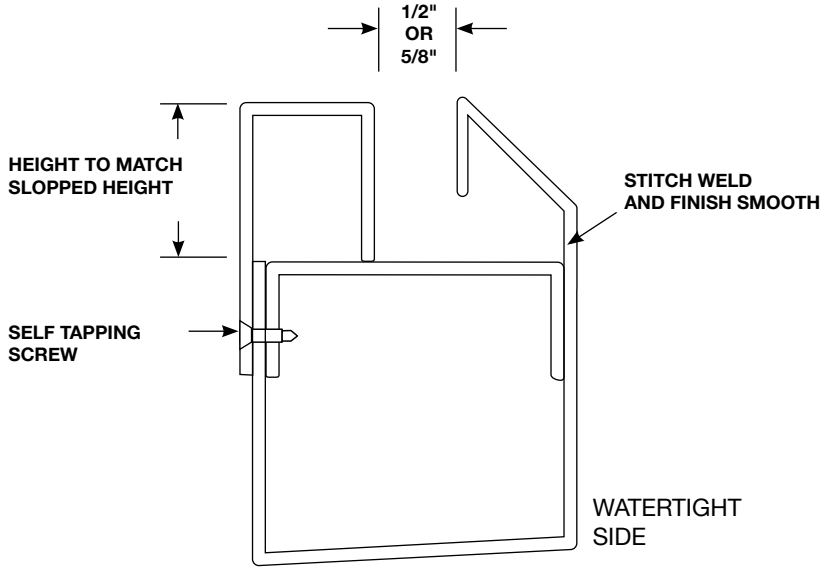


787 DOOR CONSTRUCTION - WATER RESISTANT DOOR



WATER RESISTANT DOOR GLASS MOULDING

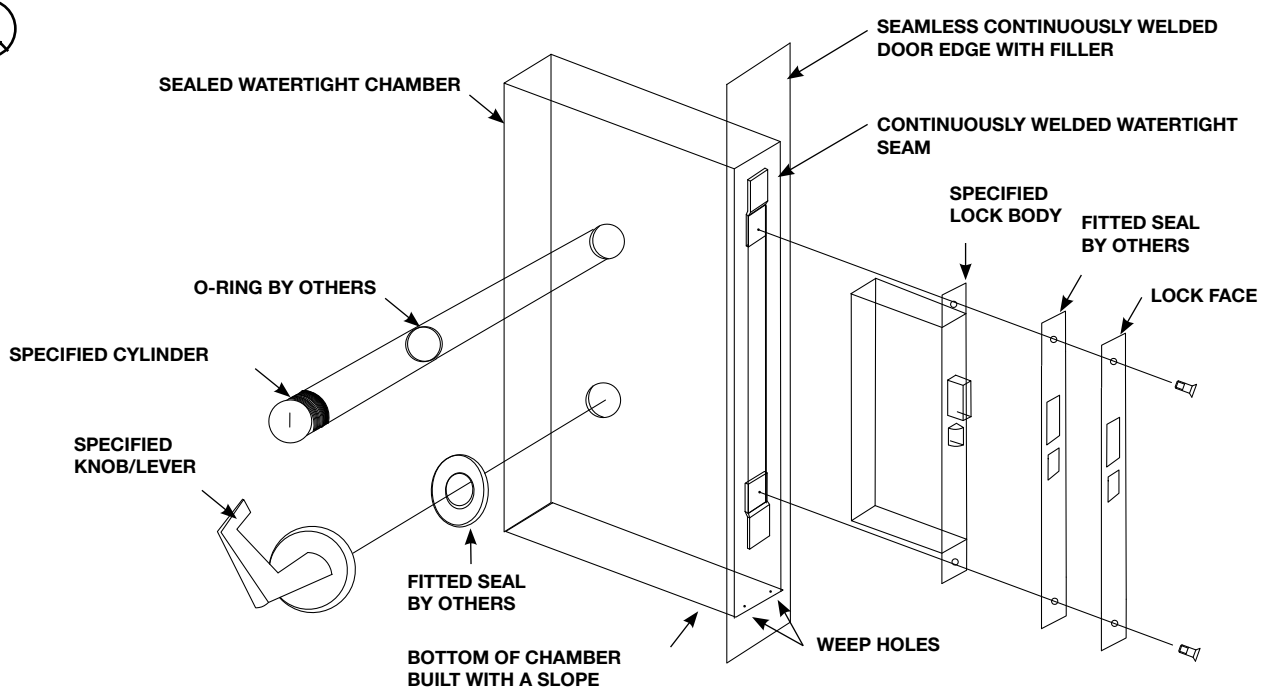




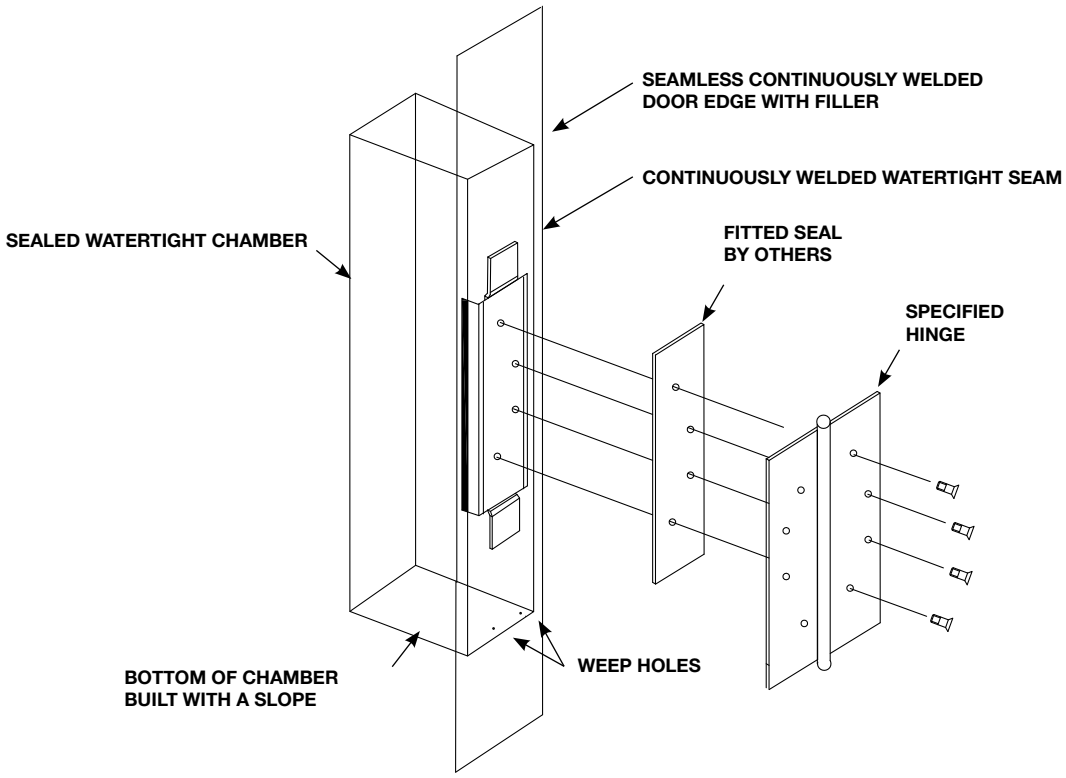
POCKET WIDTH	GLASS THICKNESS
3/8”	1/4”
1/2”	3/8” OR 5/16”
5/8”	1/2”

WATER RESISTANT DOOR AND FRAME COVERBOXES

LOCK PREP



HINGE PREP



ATTACK RESISTANT DOOR OPENING

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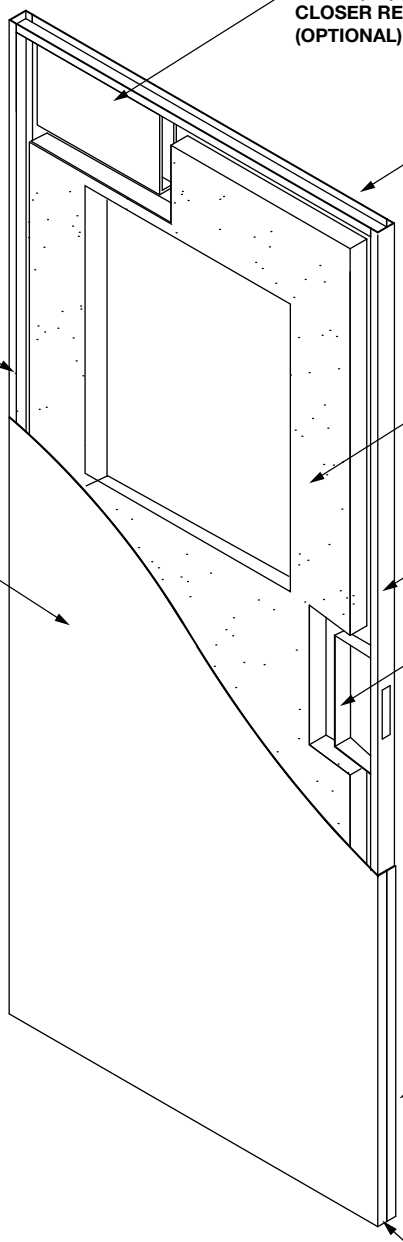
DOOR WIDTH: 2’8” THROUGH 4’0”
DOOR HEIGHT: 6’8” THROUGH 8’0”
SINGLES ONLY

1-3/4” THICK DOOR
STEEL TYPE CRS (STANDARD),
A60 GALVANNEAL, G90
GALVANIZED

HINGE HARDWARE: 4-1/2” X 4-1/2”
STANDARD WEIGHT MORTISED
BUTT HINGES; STEEL CONTINUOUS



**14 GA. (1.9)
CLOSER REINFORCEMENT CHANNEL
(OPTIONAL)**

**16 GA. (1.4)
TOP END CHANNEL
SKINS WELDED TO END CHANNELS 3
INCHES FROM EACH END AND 6” ON
CENTER**

**14 GA. (1.9) STANDARD
HINGE CHANNEL
12 GA. (2.6) ALTERNATE**

**POLYSTYRENE CORE
ALTERNATE: HONEYCOMB,
POLYURETHANE**

**16 GA. (1.4) FACE SKINS
BONDED TO CORE
14 GA. (1.9) ALTERNATE**

**IN-SWING AND OUT-SWING
CONFIGURATIONS**

**14 GA. (1.9)
LOCK CHANNEL**

**LOCK PREPARATION
SARGENT 8200 SERIES MORTISE
LOCK WITH LATCH BOLT, DEAD BOLT
AND LS ESCUTCHEON REQUIRED
OPTIONAL HARDWARE:**
- **CORBIN RUSSWIN ML2000 SERIES
MORTISE LOCK WITH DEAD BOLT, VR
(VANDAL RESISTANT) ESCUTCHEON
AND LEVER TRIM***
- **ASSA ABLOY ACCENTRA SL8800
SERIES MORTISE LOCK
WITH DEAD BOLT, SL (SECURITY)
ESCUTCHEON AND LEVER TRIM***

***EQUIVALENT HARDWARE NOT
TESTED**

HANDED 1/8” IN 2” BEVEL

S, N, OR T EDGE

UNDERCUT UP TO 3/4”

**16 GA. (1.4) BOTTOM END CHANNEL
SKINS WELDED TO END CHANNELS 3 INCHES
FROM EACH END AND 6” ON CENTER**

TYPE 2 (5/8” POCKET)
20 GAUGE SURROUND CHANNEL
ALTERNATE:TYPE 10 (9/16” POCKET)
20 GA. SURROUND CHANNEL

TYPE 8 20-45 MINUTE: 1-3/8" POCKET
60 MINUTE: 1-1/2" POCKET
90 MINUTE: 2-1/16" POCKET

SCHOOL GUARD GLASS™ SG5™ (NON-FIRE RATED), SG5FR (FIRE RATED)
GLASS WIDTH: 3” MIN; 35-13/16” MAX.
GLASS HEIGHT: 10” MIN., 44” MAX.
6” MIN. STILE FROM EDGE OF DOOR TO VISIBLE GLASS 7-3/4” MIN. TOP RAIL FROM TOP OF DOOR TO VISIBLE GLASS BEDDING MATERIAL DOW CORNING 995 STRUCTURAL SILICONE GLAZING TAPE: TREMCO 440
CLOSED CELL FOAM

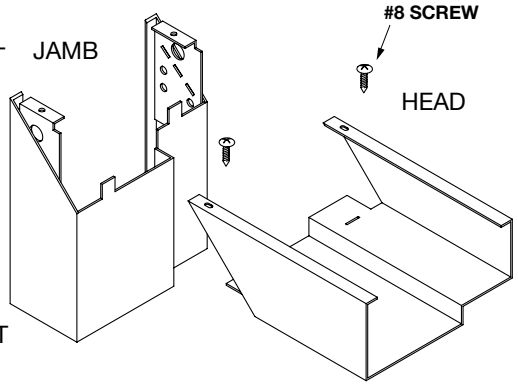
ATTACK RESISTANT “M”, “CM”, “G” AND “CG” PROFILE

GLASS AND GLAZING:
- SCHOOL GUARD GLASSTM SG5TM (NON-FIRE RATED), SG5FRTM (FIRE RATED)
- GLASS AND GLAZING IS INCLUDED AND WILL BE SHIPPED LOOSE

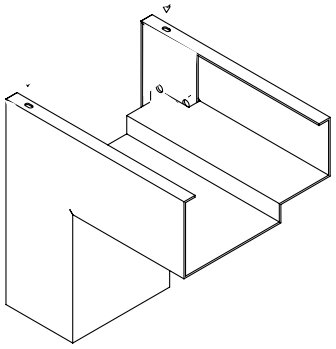
SIDELIGHT:
VISIBLE WIDTH 6”-47” X VISIBLE HEIGHT 10”-92-3/4” DOUBLE SIDELIGHTS AVAILABLE
SIDELIGHTS CAN ALSO BE HALF SIDELIGHTS:
VISIBLE WIDTH: 6" TO 24"
VISIBLE HEIGHT: 10" TO 92-3/4"

BORROWED LIGHT: VISIBLE WIDTH 3”- 24” X VISIBLE HEIGHT 10” X 92-3/4”:
ALTERNATE WIDTH MAXIMUM 35-13/16” WHEN MAXIMUM VISIBLE HEIGHT DOES NOT EXCEED 44” FIRE PROTECTION RATINGS AVAILABLE UP TO 90 MINUTES FRAME AND GLASS SIZE MAY VARY BY FIRE RATING

KD OR WELDED
2” OR 4” FACE HEADS



WELD CORNER ASSEMBLY



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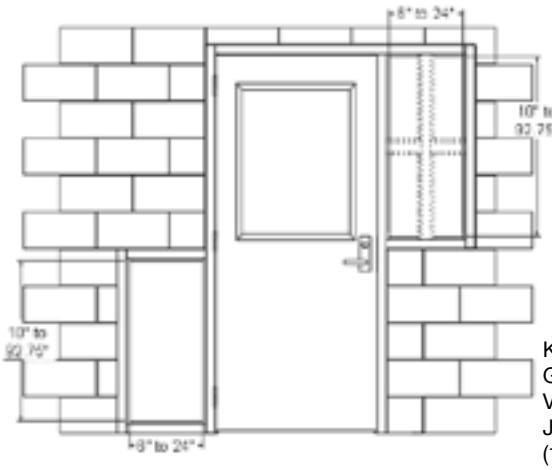
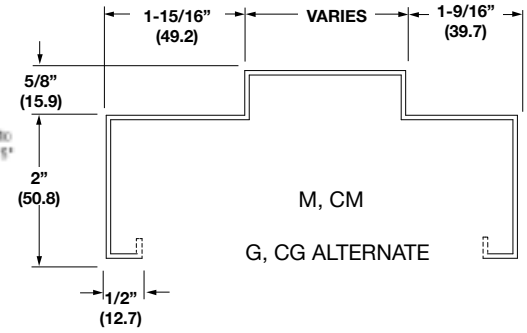
MASONRY KD 2” FACE FLUSH FRAME UNEQUAL RABBET





STRIKE PREPARATION: E1

HINGE PREPARATION:
4-1/2” X 4-1/2” STANDARD WEIGHT MORTISED BUTT HINGES; STEEL CONTINUOUS

HINGE REQUIREMENTS:
- BUTT: THREE UP TO 90" HIGH, FOUR FOR HEIGHTS GREATER THAN 90"
- CONTINUOUS: STEEL SURFACE MOUNTED OR MORTISED

KD “M” TYPE FLUSH
GAUGE - 16 GA. (1.4), 14 GA. (1.9), 12 GA. (2.5)
VARIABLE SOFFIT
JAMB DEPTH 5-3/4” (146.1) THRU 14” (355.6) (1/8”(3.2) INCREMENTS)
AVAILABLE WITH 4” (101.6) FACE HEADS

NOTE: 5-3/4” (146.1) JAMB DEPTH STANDARD WITH 7/16” (11.1) RETURNS TO PROVIDE 4-7/8” (123.8) THROAT OPENING

STEEL TYPE:
CRS (STANDARD),
A60 GLAVANNEAL, G90 GALVANIZED

G, CG, CM PROFILE ALSO AVAILABLE

FIRE PROTECTION RATINGS AVAILABLE UP TO 90 MINUTES FRAME AND GLASS SIZE MAY VARY BY FIRE RATING

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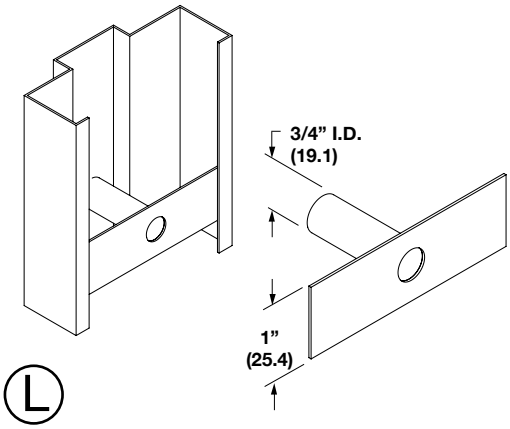
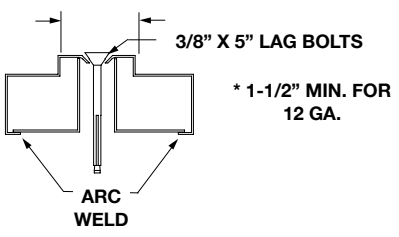
PIPE SPACER ANCHOR



DIAMETER 3/8” (9.5) X 1-3/4” (44.5) EMBEDMENT LENGTH OR STEEL EXPANSION SHELL OR 3/8” (9.5) FLATHEAD BOLT



ANCHOR PART NUMBER: P0044
ORDER CODE LOOSE: PS
ORDER CODE WELDED: WPS

ALTERNATE ANCHORS:
- ADJUSTABLE MASONRY
- WOOD STUD
- STEEL STUD
- EXPANSION SHELL
- MASONRY T

FIRE PROTECTION RATINGS AVAILABLE UP TO 90 MINUTES FRAME AND GLASS SIZE MAY VARY BY FIRE RATING

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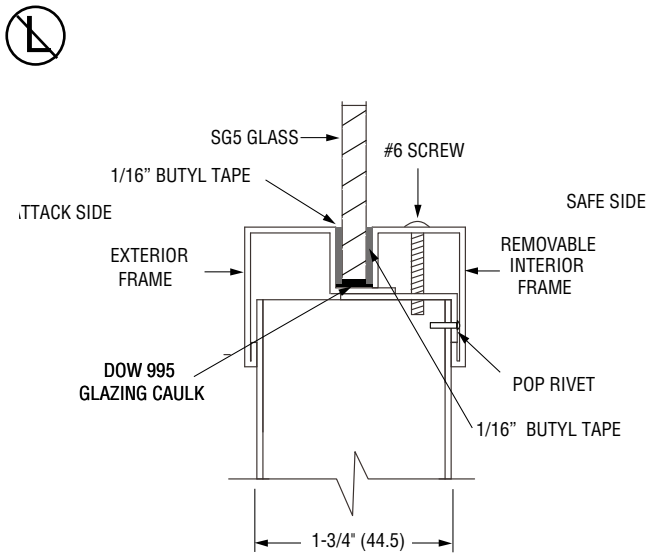
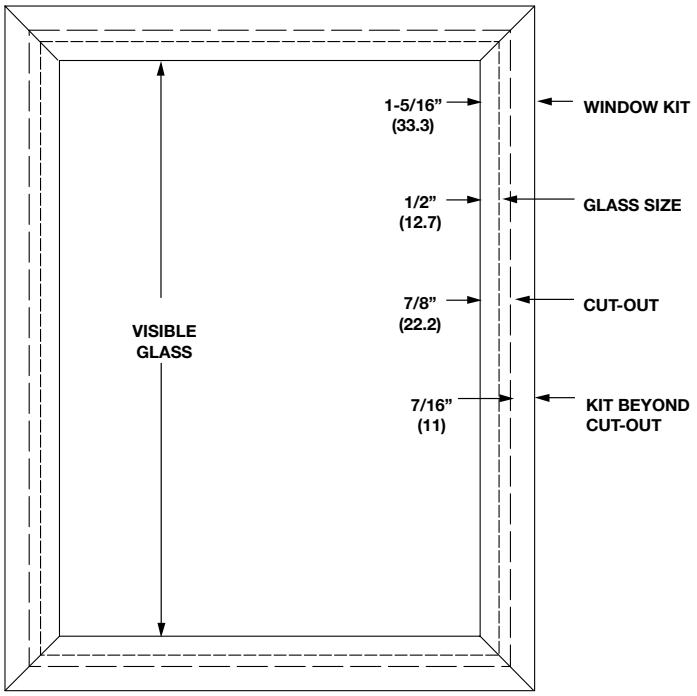
ATTACK RESISTANT RETROFIT KIT

ATTACK RESISTANT RETROFIT KIT TYPE 2 FOR EXISTING HOLLOW METAL DOORS





TYPE 2 HM DOOR	VISIBLE GLASS SIZE	CUTOUT SIZE	PART NUMBER
ARKMV	10 X 10	11-3/4 X 11-3/4	CD149692
ARKMV1212	12 X 12	13-3/4 X 13-3/4	CD150402
ARKMNV616	6 X 16	7-3/4 X 17-3/4	CD151232
ARKMNV636	6 X 36	7-3/4 X 37-3/4	CD152062
ARKMNV333	3 X 33	4-3/4 X 34-3/4	CD154462
ARKMNV424	4 X 24	5-3/4 X 25-3/4	CD155292
ARKMNV520	5 X 20	6-3/4 X 21-3/4	CD156022
ARKMNV624	6 X 24	7-3/4 X 25-3/4	CD156852
ARKMNV630	6 X 30	7-3/4 X 31-3/4	CD157682
ARKMNV425	4 X 25	5-3/4 X 26-3/4	CD158422
ARKMHG (3068)	23 13/16 X 28	25-9/16 X 29-3/4	CD159252
ARKMHG (3070)	23 13/16 X 32	25-9/16 X 33-3/4	CD160062
ARKMHG (3072)	23 13/16 X 34	25-9/16 X 35-3/4	CD160892
ARKMC CUSTOM SIZE RETRO-FIT KITS ARE PRICED PER SQ. FT. OF VISIBLE GLASS (3 SQ FT MIN.)			

ATTACK RESISTANT RETROFIT KIT INCLUDES:
- TYPE 2 LIGHT KIT FOR EXISTING METAL DOORS
- SCHOOL GUARD GLASS SG5 ATTACK RESISTANT GALSS*
- DOW 995 SILICONE GLAZING COMPOUND*
- TREMCO 440 BUTYL TAPE TO BE APPLIED TO THE GLASS KIT INTERIOR AND EXTERIOR SIDES*

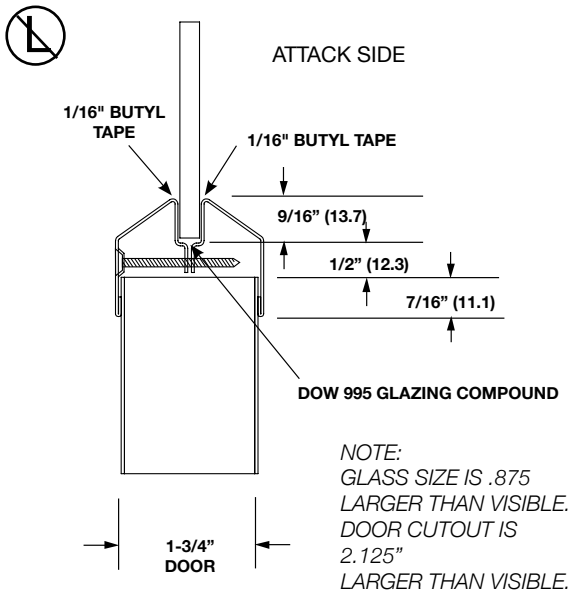
** GLASS AND GLAZING SHIPS FROM A SEPARATE LOCATION*

ATTACK RESISTANT RETROFIT KITS MUST BE USED WITH THE ATTACK RESISTANT COMPONENT MATERIALS AS SUPPLIED: CURRIES DOOR KITS, SGG5 GLASS, APPROVED AND TESTED INSTALLATION COMPONENTS ONLY - NO SUBSTITUTIONS.

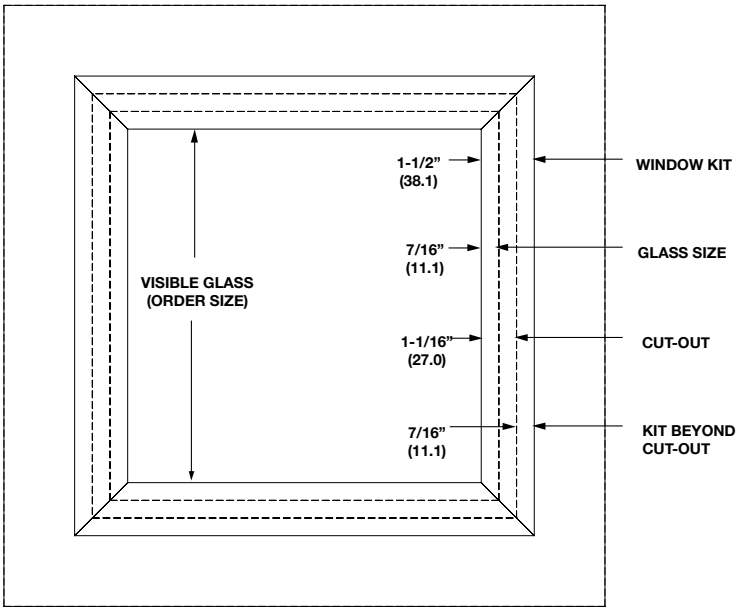
CURRIES AND SCHOOL GUARD GLASS ARE COMMITTED TO PROVIDING THE SAFEST AND MOST ROBUST MEANS AND METHODS FOR ATTACHMENT INTO COMPLETE FACTORY INSTALLED OEM ATTACK RESISTANT ASSEMBLIES AS WELL AS THE REPAIR, PARTIAL REPLACEMENT OR ENHANCEMENT OF EXISTING DOORS AND FRAMES. WE HAVE INDEPENDENT TESTING PARTIES REGULARLY TEST OUR INSTALLATION PROCEDURES AND PRODUCTS AS WELL AS THE FRAMES AND GLASS IT IS INSTALLED INTO. HOWEVER, PLEASE BE ADVISED THAT IT IS POSSIBLE THAT NOT ALL EXISTING DOORS, FRAMES, OR HARDWARE ON YOUR PROJECT HAVE BEEN TESTED TO OUR STANDARDS. FURTHERMORE, IF DOORS, WINDOWS OR HARDWARE ARE OLD,OF INFERIOR QUALITY, BROKEN OR PARTIALLY BROKEN, THEN THEY MAY NOT MEET THE TESTING OUTCOMES THAT NEW MATERIALS MEET. OUR PRODUCTS WILL NOT CAUSE YOUR EXISTING PRODUCTS TO BE LESS SECURE, BUT EXISTING PRODUCTS THAT ARE DEFECTIVE MAY REDUCE THE ABILITY OF OUR PRODUCTS TO MEET THEIR FULL POTENTIAL.

ATTACK RESISTANT RETROFIT KIT

ATTACK RESISTANT RETROFIT KIT TYPE 10
FOR EXISTING WOOD DOORS



NOTE:
GLASS SIZE IS .875 LARGER THAN VISIBLE.
DOOR CUTOUT IS 2.125" LARGER THAN VISIBLE.



TYPE 10 WOOD DOOR	VISIBLE GLASS SIZE	CUTOUT SIZE	PART NUMBER
ARKWV	10 X 10	12-1/8 X 12-1/8	CD137632
ARKWV1212	12 X 12	14-1/8 X 14-1/8	CD138472
ARKWNV616	6 X 16	8-1/8 X 18-1/8	CD139202
ARKWNV636	6 X 36	8-1/8 X 38-1/8	CD140012
ARKWNV333	3 X 33	5-1/8 X 35-1/8	CD142412
ARKWNV424	4 X 24	6-1/8 X 26-1/8	CD143242
ARKWNV520	5 X 20	7-1/8 X 22-1/8	CD144072
ARKWNV624	6 X 24	8-1/8 X 26-1/8	CD144802
ARKWNV630	6 X 30	8-1/8 X 32-1/8	CD145632
ARKWNV425	4 X 25	6-1/8 X 27-1/8	CD146472
ARKWHG (3068)	23 5/16 X 27-1/4	25-7/16 X 29-3/8	CD147202
ARKWHG (3070)	23 5/16 X 31-1/4	25-7/16 X 33-3/8	CD148032
ARKWHG (3072)	23 5/16 X 33-1/4	25-7/16 X 35-3/8	CD148862
ARKWC CUSTOM SIZE RETRO-FIT KITS ARE PRICED PER SQ. FT. OF VISIBLE GLASS (3 SQ FT MIN.)			

ATTACK RESISTANT RETROFIT KIT INCLUDES:
- TYPE 10 LIGHT KIT FOR EXISTING WOOD DOORS
- SCHOOL GUARD GLASS SG5 ATTACK RESISTANT GALSS*
- DOW 995 SILICONE GLAZING COMPOUND*
- TREMCO 440 BUTYL TAPE TO BE APPLIED TO THE GLASS KIT INTERIOR AND EXTERIOR SIDES*

** GLASS AND GLAZING SHIPS FROM A SEPARATE LOCATION*

ATTACK RESISTANT RETROFIT KITS MUST BE USED WITH THE ATTACK RESISTANT COMPONENT MATERIALS AS SUPPLIED: CURRIES DOOR KITS, SGG5 GLASS, APPROVED AND TESTED INSTALLATION COMPONENTS ONLY - NO SUBSTITUTIONS.

CURRIES AND SCHOOL GUARD GLASS ARE COMMITTED TO PROVIDING THE SAFEST AND MOST ROBUST MEANS AND METHODS FOR ATTACHMENT INTO COMPLETE FACTORY INSTALLED OEM ATTACK RESISTANT ASSEMBLIES AS WELL AS THE REPAIR, PARTIAL REPLACEMENT OR ENHANCEMENT OF EXISTING DOORS AND FRAMES. WE HAVE INDEPENDENT TESTING PARTIES REGULARLY TEST OUR INSTALLATION PROCEDURES AND PRODUCTS AS WELL AS THE FRAMES AND GLASS IT IS INSTALLED INTO. HOWEVER, PLEASE BE ADVISED THAT IT IS POSSIBLE THAT NOT ALL EXISTING DOORS, FRAMES, OR HARDWARE ON YOUR PROJECT HAVE BEEN TESTED TO OUR STANDARDS. FURTHERMORE, IF DOORS, WINDOWS OR HARDWARE ARE OLD,OF INFERIOR QUALITY, BROKEN OR PARTIALLY BROKEN, THEN THEY MAY NOT MEET THE TESTING OUTCOMES THAT NEW MATERIALS MEET. OUR PRODUCTS WILL NOT CAUSE YOUR EXISTING PRODUCTS TO BE LESS SECURE, BUT EXISTING PRODUCTS THAT ARE DEFECTIVE MAY REDUCE THE ABILITY OF OUR PRODUCTS TO MEET THEIR FULL POTENTIAL.

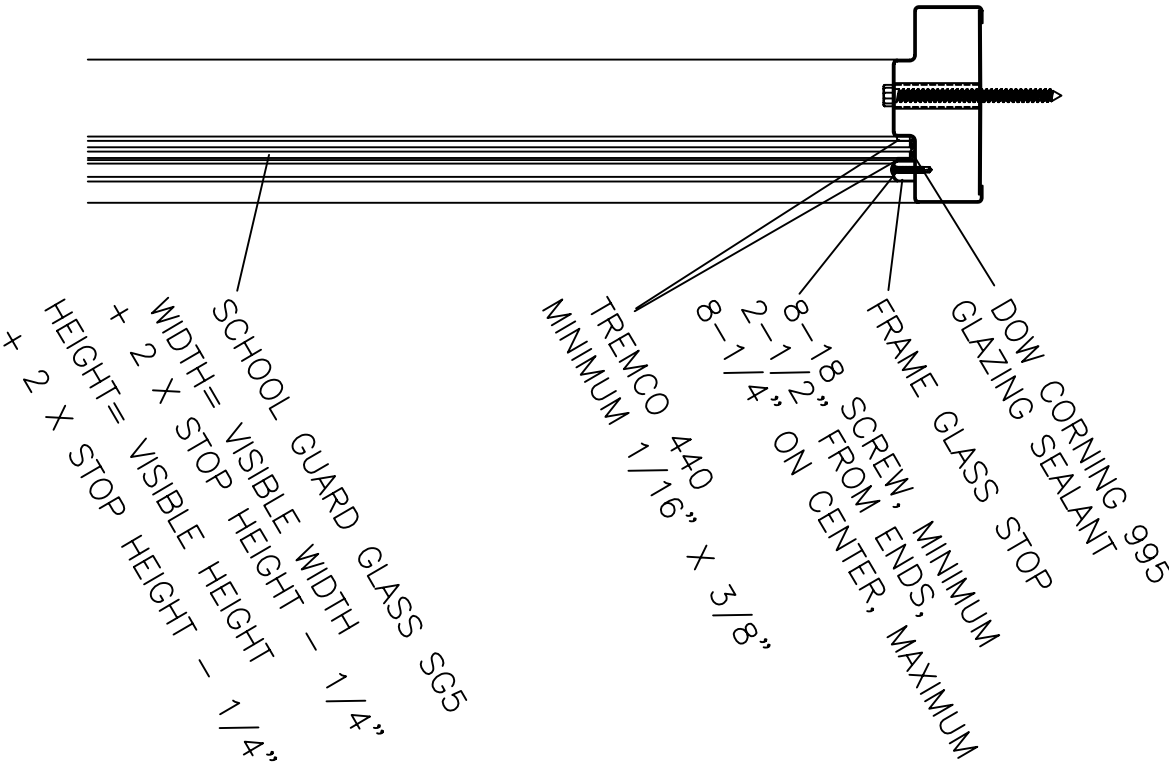
ATTACK RESISTANT RETROFIT SIDELIGHT AND BORROWED LIGHT DETAILS

ATTACK RESISTANT SG5 GLASS FOR EXISTING SIDELIGHTS AND BORROWED LIGHTS INCLUDES:
- SCHOOL GUARD GLASS SG5 ATTACK RESISTANT GLASS*
- DOW 995 SILICONE GLAZING COMPOUND AND TREMCO 440 BUTYL TAPE SHIPPED WITH THE GLASS

SIDELIGHT GLASS SIZE:
- 6" X 10" - 24" X 92.75"

BORROWED LIGHT GLASS SIZE:
- 3" X 10" - 24" X 92-3/4"" GLASS HORIZONTAL ORIENTED
- 3" X 10" - 35-13/16" X 44" GLASS VERTICAL ORIENTED

CUSTOM SIZES AVAILABLE (3 SQ. FT. MIN.)



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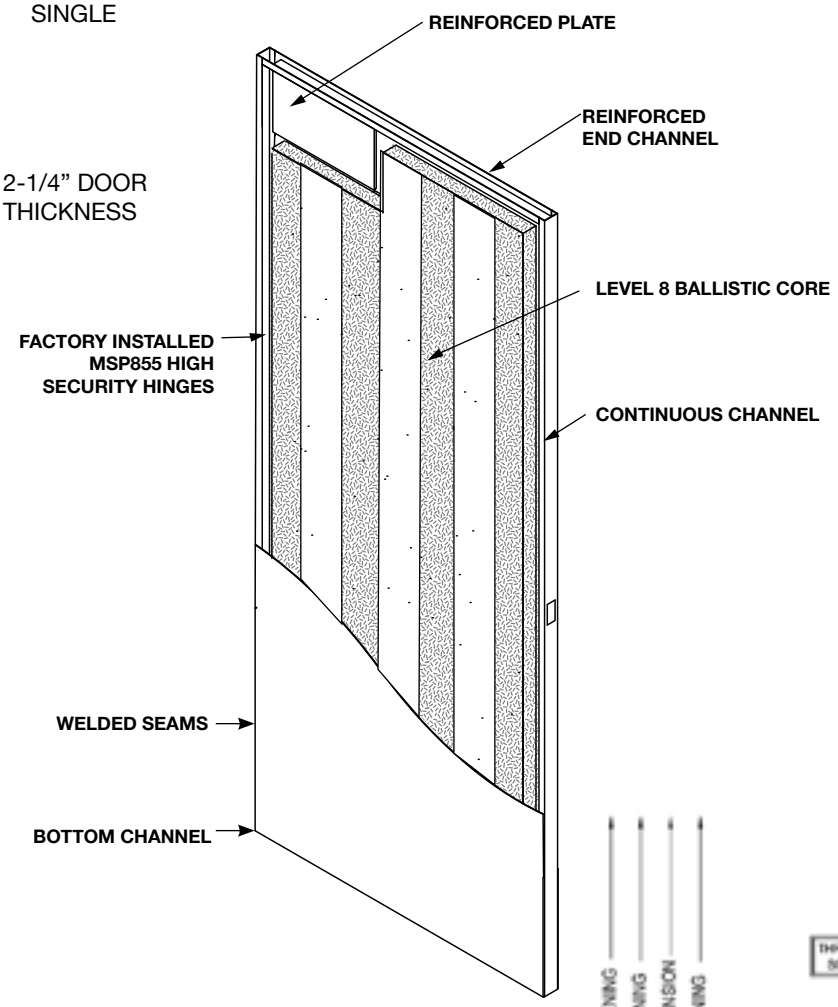
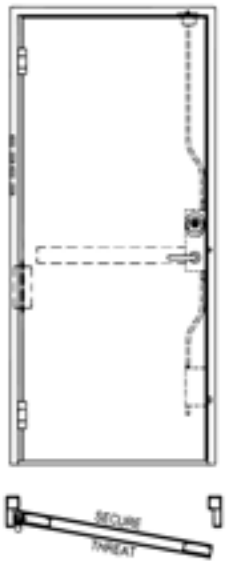
859 SERIES - FORCED ENTRY BULLET RESISTANT ASSEMBLY

3'0" X 7'0" FLUSH
SINGLE

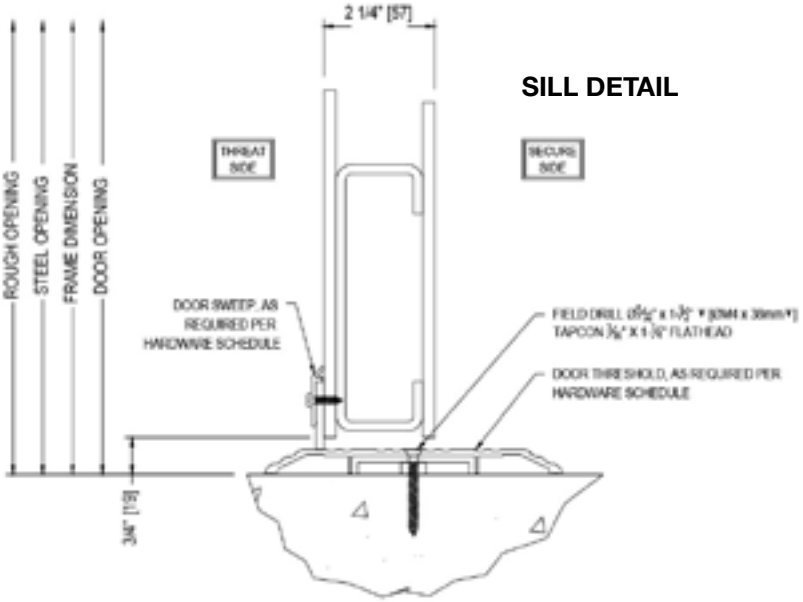
2-1/4" DOOR
THICKNESS



HARDWARE PREPARATION
MSP855 HIGH SECURITY HINGES AND
FORCED ENTRY RESISTANT
EXIT DEVICE WITH
MULTI-POINT DEADBOLT
PROVIDED AND INSTALLED



SILL DETAIL



TEST METHODS AND QUALIFICATIONS

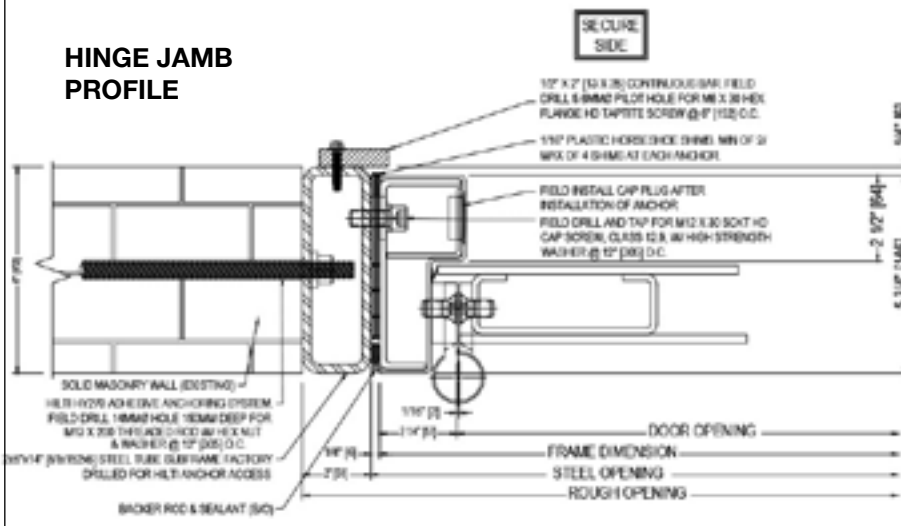
- FORCED ENTRY AND BALLISTIC RESISTANCE OF STRUCTURAL SYSTEMS - DOORS WERE TESTED PER DOS SD-STD.01.01 REV. G SHOT WITH 5.56 AND 7.62 ROUNDS AND THEN ATTACKED BY A SIX MAN CONCENTRATED ASSUALT TEAM FOR 15 MINUTES ON THE LOCK EDGE, 15 MINUTES ON THE HINGE EDGE, 15 MINUTES ON THE CENTER OF THE DOOR
- TESTED IN ACCORDANCE WITH STANDARD FOR SAFETY UL752; STANDARD FOR BULLET RESISTANT EQUIPMENT
- ANSI/BHMA A156, 1; BUTTS AND HINGES
- ASTM F3038-14; STANDARD TEST METHOD FOR TIMED EVALUATION OF FORCED ENTRY RESISTANT SYSTEMS
- COMPLIES WITH DEPARTMENT OF STATE SD-STD.01.01 REV. G (AMENDED)

859 FORCED ENTRY BULLET RESISTANT ASSEMBLY

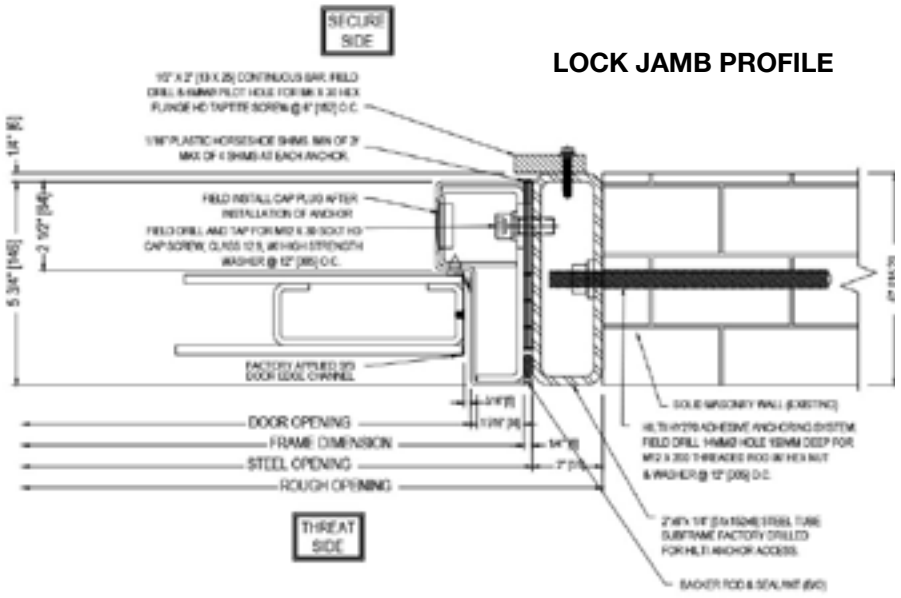
SPECIFICATIONS:

- ALL EXPOSED SURFACES OF DOOR AND FRAME TO RECEIVE ONE COAT OF RUST INHIBITIVE PRIME PAINT.
- ASSEMBLY IS SHIPPED WITH HOLLOW METAL DOOR AND FRAME PRE-HUNG WITH LOCK AND HINGES PRE-INSTALLED
- SURELOCK MCGILL SLIMLINE MULTIPOINT LOCK
  - A. CONCEALED OR SURFACE MOUNTED
  - B. FUNCTIONS INCLUDE MANUAL, ELECTRIC LATCH RETRACTION, DELAYED EGRESS
  - C. OPTIONAL LEVER OR PANIC BAR AVAILABLE
- MSP855 HIGH SECURITY HINGES
- NOMINAL DOOR THICKNESS IS 2-1/4"
- DOOR WEIGHT IS APPROXIMATELY 30 POUNDS PER SQUARE FOOT
- CUSTOM FRAME ANCHOR TYPES ARE REQUIRED BASED ON WALL CONDITIONS
- CAN BE INSTALLED IN STEEL STUD, MASONRY OR PRECAST WALLS
- VISION OPTIONS ARE AVAILABLE WITH FACTORY INSTALLED GLASS FOR 5 AND 15 MINUTE FEBR RATINGS ONLY
- FLUSH DOOR DESIGN ONLY FOR 60 MINUTE FEBR RATING WITH OPTIONAL VIEWER
- SIDELITES AND TRANSOMS ARE AVAILABLE
- 90 MINUTE FIRE RATED CONSTRUCTION LABEL ONLY; ALL COMPONENTS HAVE BEEN INDIVIDUALLY TESED BY UL
- FACTORY SUPPLIED SHOP DRAWING APPROVAL IS REQUIRED
- MEETS UL752 KEVEK 8 BYKKET RESISTANCE, FORCED ENTRY SD-STD-01.01 REV.G, AND ASTM F3038-14

HINGE JAMB PROFILE



LOCK JAMB PROFILE



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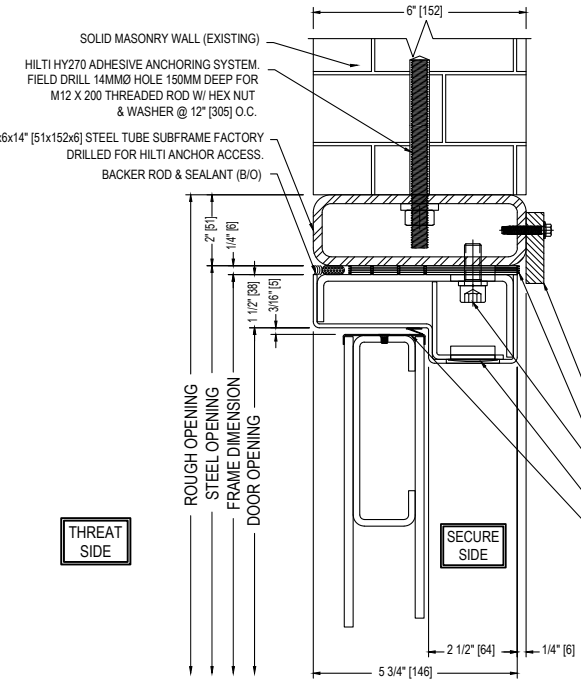
- ASTM F3038-14; STANDARD TEST METHOD FOR TIMED EVALUATION OF FORCED ENTRY RESISTANT SYSTEMS
- COMPLIES WITH DEPARTMENT OF STATE SD-STD.01.01 REV. G (AMENDED)

NOTE: OPTIONAL EMBED IN LIEU OF SUBFRAME AVAILABLE

859 FORCED ENTRY BULLET RESISTANT DOOR



FRAME HEAD PROFILE

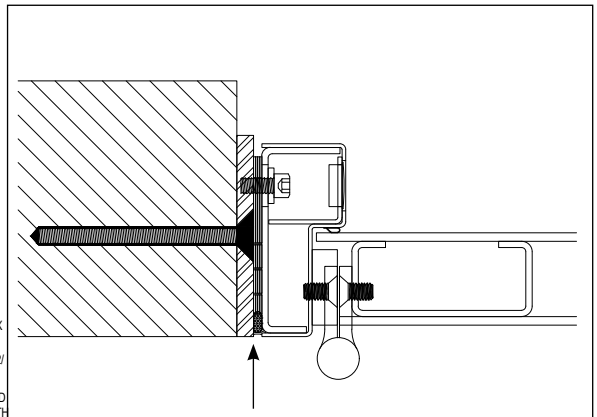
1/2" X 2" [13 X 25] CONTINUOUS BAR. FIELD DRILL 5.6MMØ PILOT HOLE FOR M6 X 30 HEX FLANGE HD TAPTITE SCREW @ 6" [152] O.C.

1/16" PLASTIC HORSESHOE SHIMS. MIN OF 2/ MAX OF 4 SHIMS AT EACH ANCHOR.

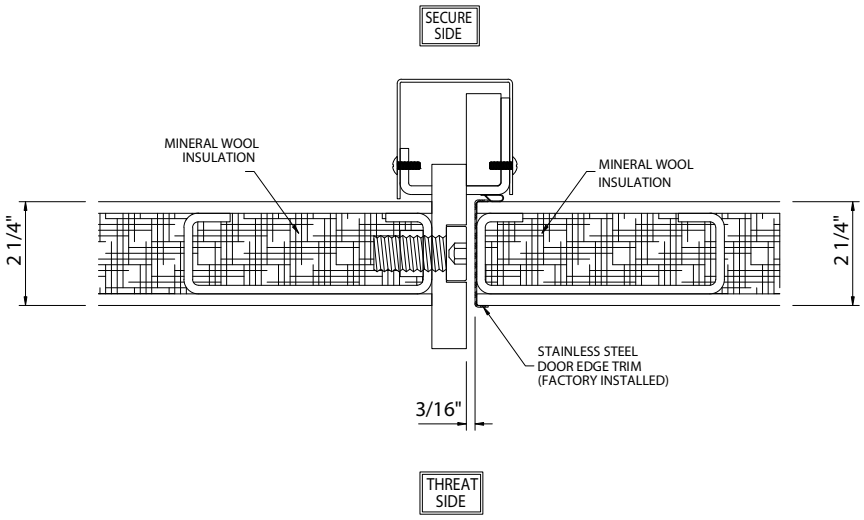
FIELD DRILL AND TAP FOR M12 X 30 SCKT HD CAP SCREW, CLASS 12.9, W/ HIGH STRENGTH WASHER @ 12" [305] O.C.

FIELD INSTALL CAP PLUG AFTER INSTALLATION OF ANCHOR

FACTORY APPLIED S/S DOOR EDGE CHANNEL

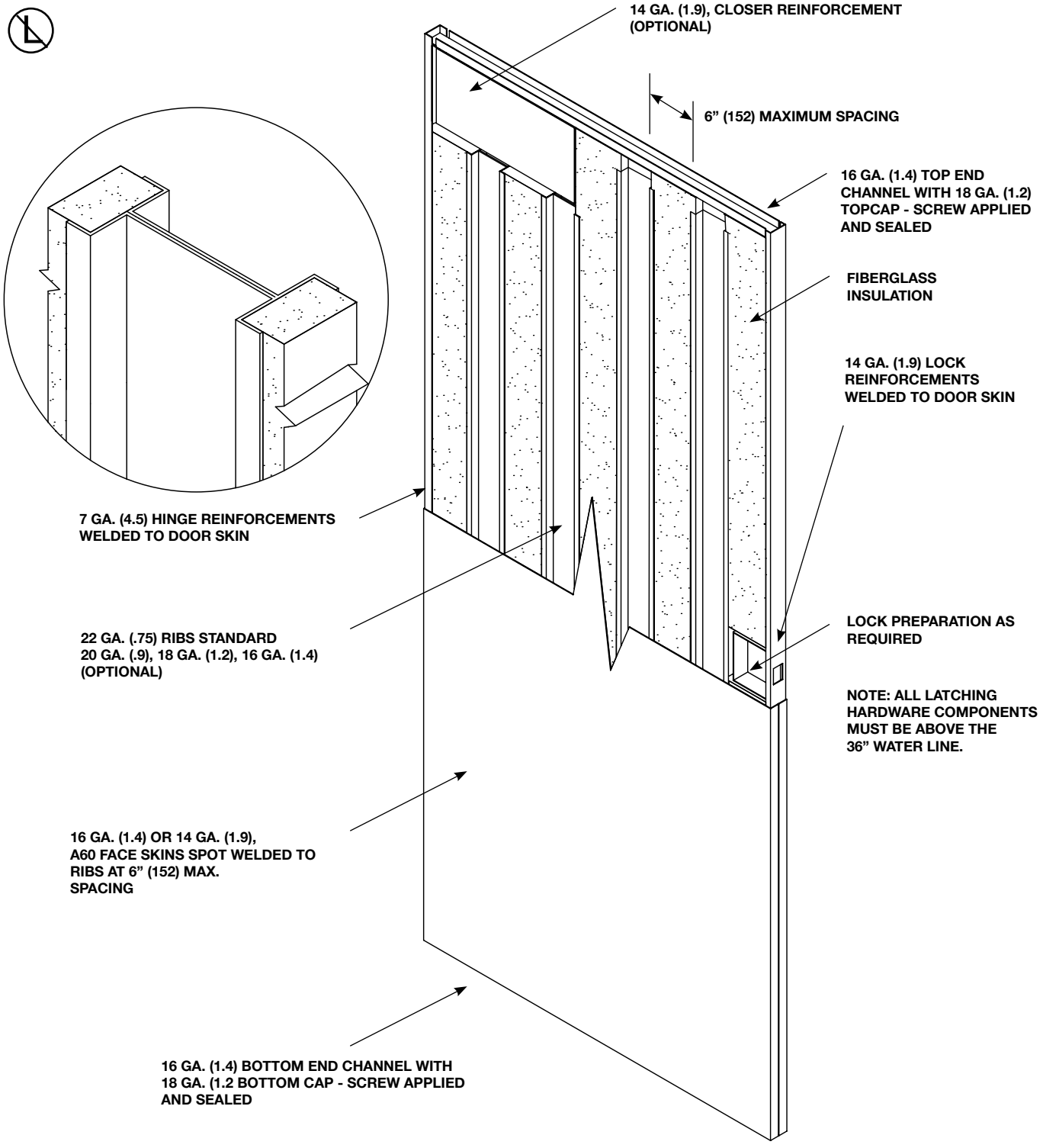


ALTERNATE STEEL PLATE CONSTRUCTION IS AVAILABLE FOR ALL PROFILES. CONTACT FACTORY FOR DETAILS.



MULLION FOR PAIR OPENINGS

789 SERIES DOOR CONSTRUCTION - FLOOD RESISTANT DOOR



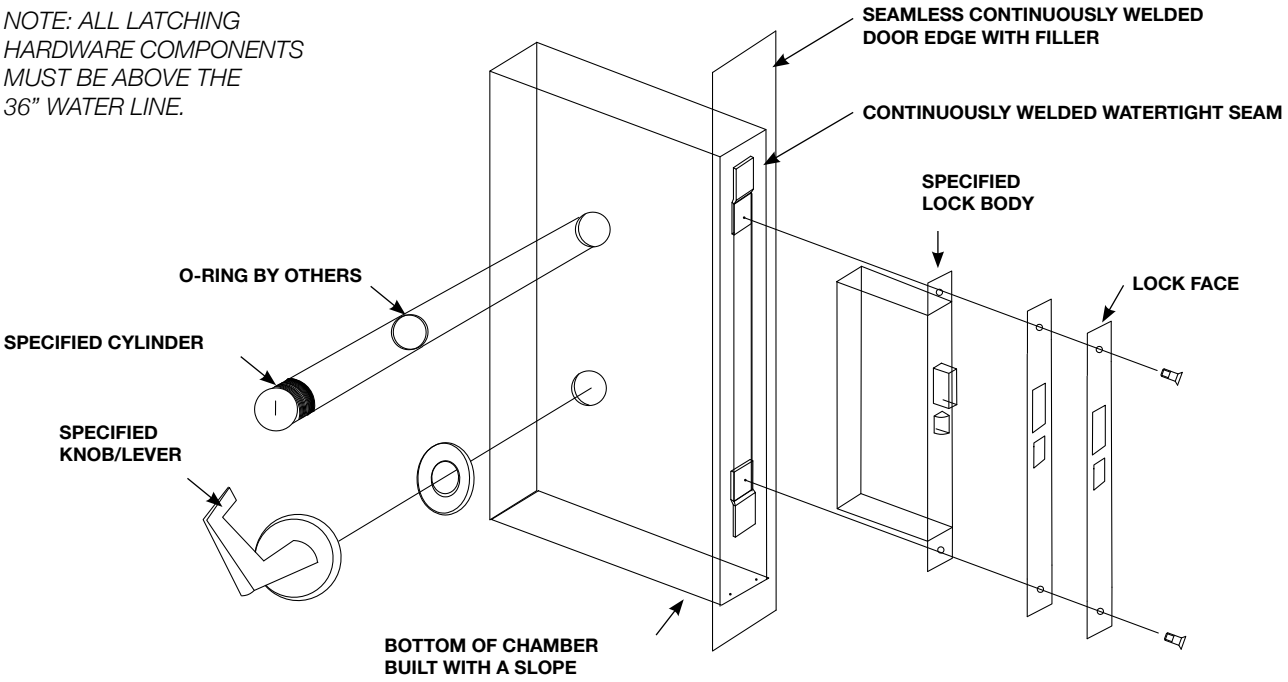
TESTED TO THE AMERICAN NATIONAL STANDARD FOR FLOOD ABATEMENT EQUIPMENT FOR WATER DEPTHS UP TO AND INCLUDING 36" TO STANDARDS SET FORTH BY ANSI/FM APPROVALS 2510-2014 (SECTION 4.3) NOT EXCEEDING MAXIMUM ALLOWABLE WATER SEEPAGE.

- 10" BY 10" LITE IS ALLOWED AT THE TOP OF THE DOOR
- OPTIONAL STAINLESS STEEL AVAILABLE

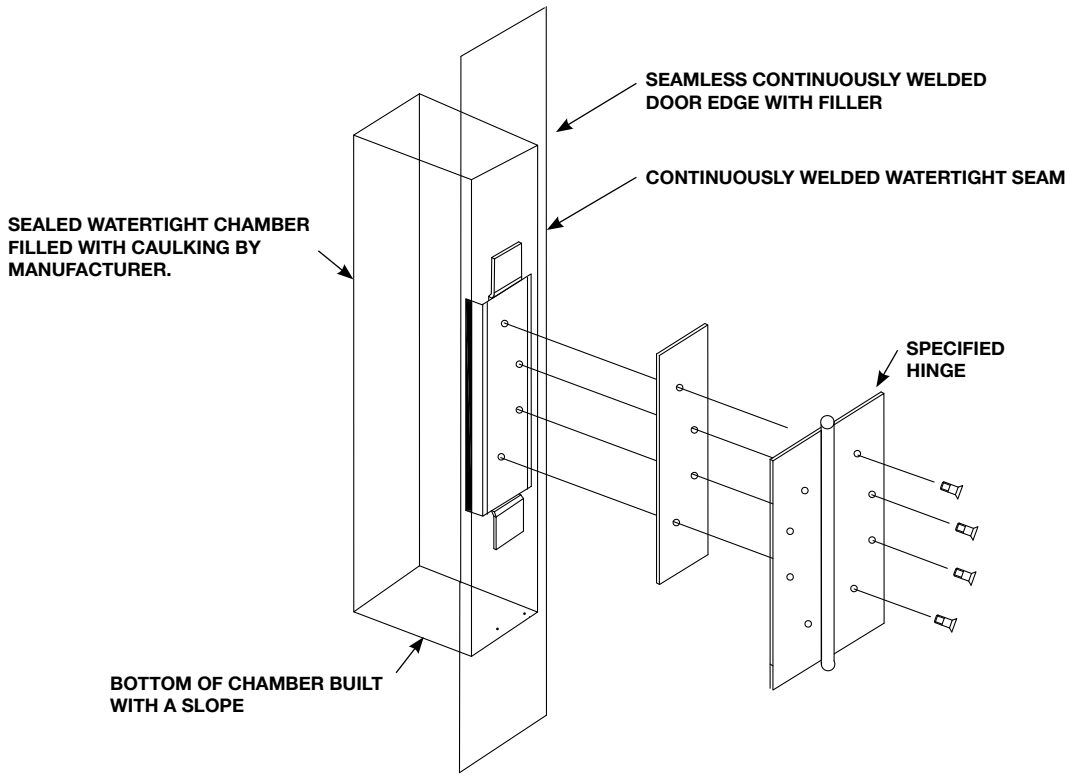
789 SERIES FLOOD RESISTANT DOOR COVERBOXES

LOCK PREP

NOTE: ALL LATCHING HARDWARE COMPONENTS MUST BE ABOVE THE 36" WATER LINE.



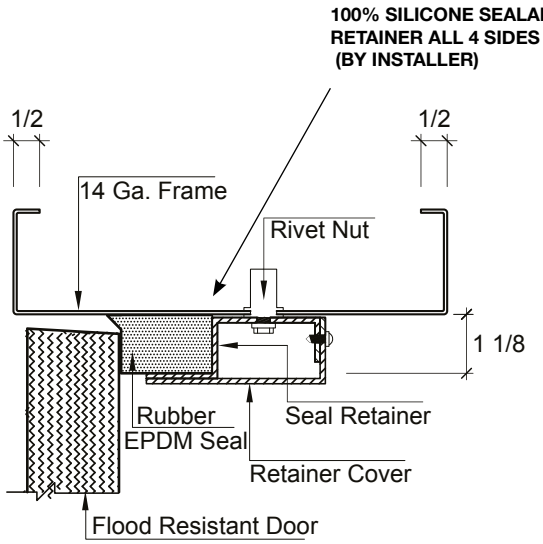
HINGE PREP

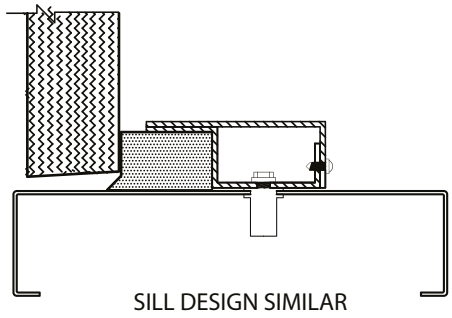


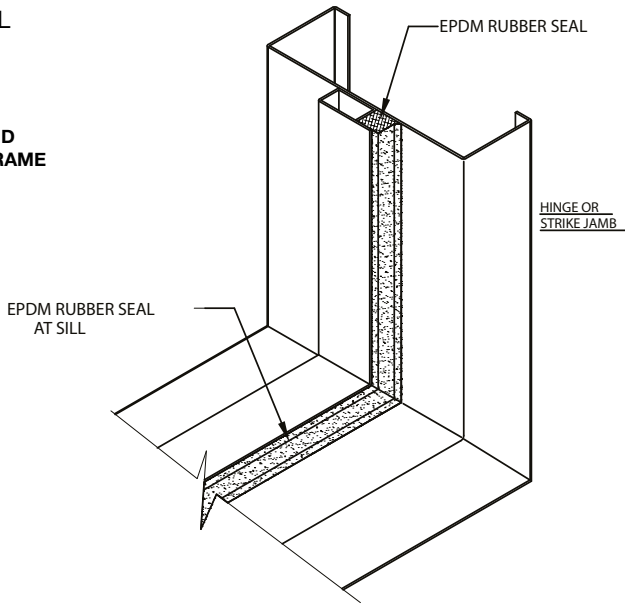
FRAME CONSTRUCTION

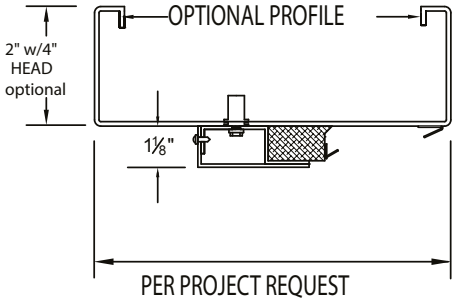
FRM - MASONRY FRAME

- 4 SIDED WELDED FRAME CONSTRUCTION
- 14 TO 12 GAUGE FRAMES WITH OPTIONAL STAINLESS STEEL
- UP TO AND INCLUDING 3070 SIZES
- FRAMES MUST BE GROUTED
- PERIMETER SEALS INCLUDED

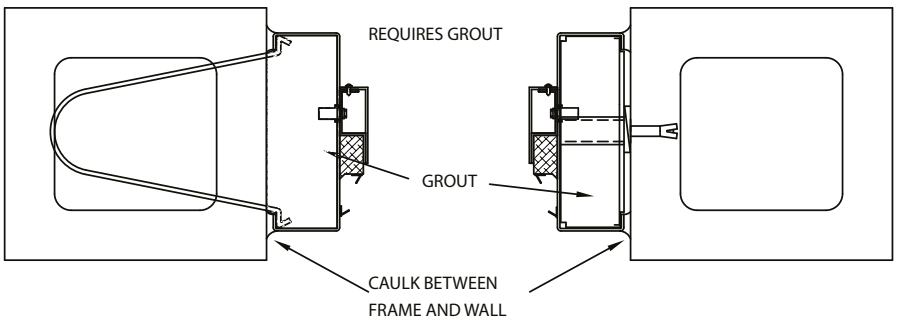








SOME COMMON MASONRY APPLICATIONS SHOWN BELOW.



NOTE: ALL LATCHING HARDWARE COMPONENTS MUST BE ABOVE THE 36" WATER LINE.

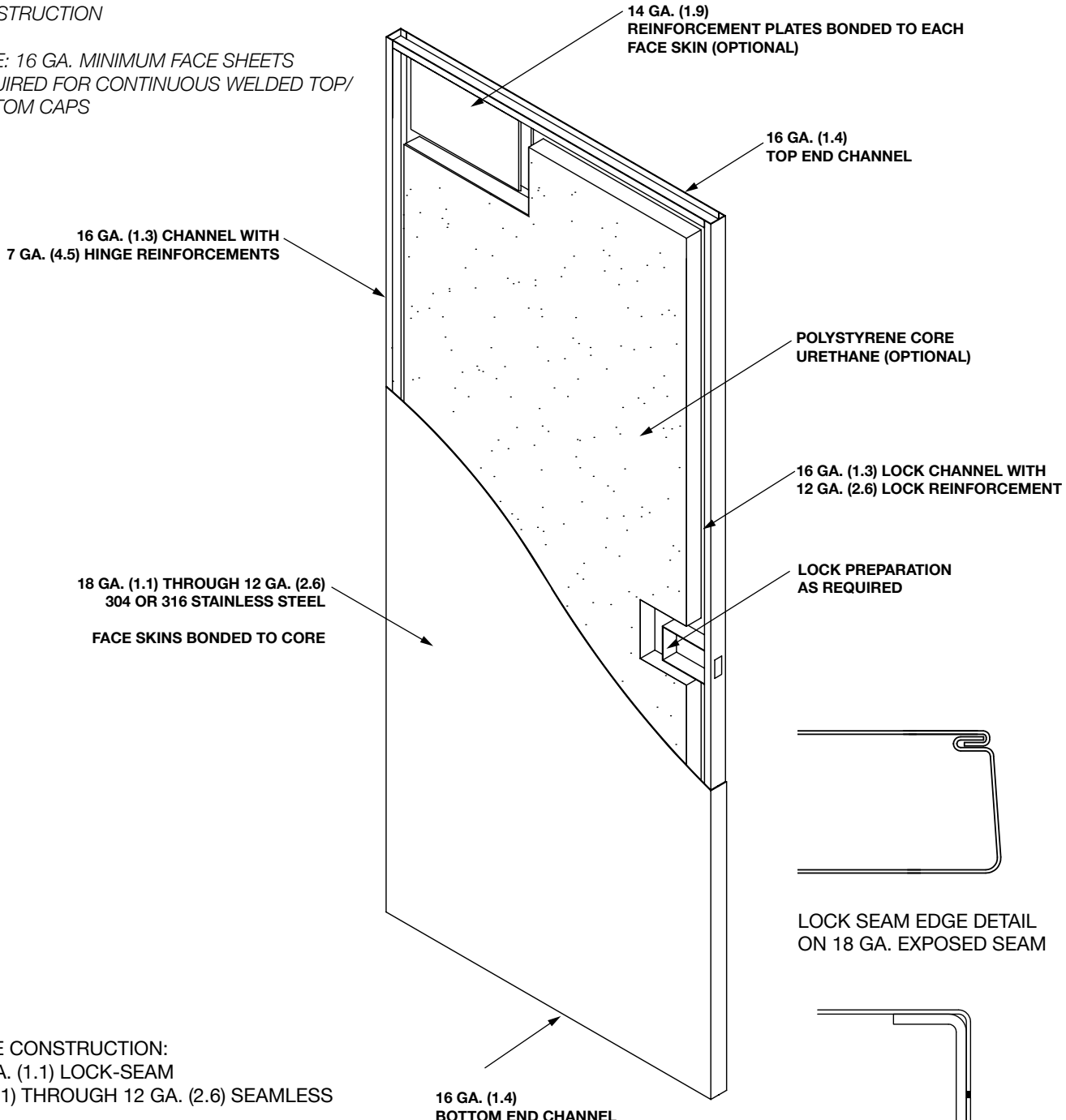
It is important that flood door systems be properly installed and sealed into the wall to prevent leakage. Flood Resistant systems are furnished with specific detailed seal installation instructions.

707 STAINLESS STEEL DOOR CONSTRUCTION

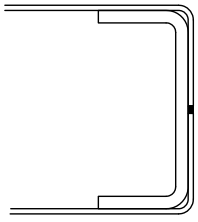
PLEASE CALL FACTORY FOR FIRE RATED OPTIONS

NOTE: 18 GA. SEAMLESS HAS A CENTER SEAM CONSTRUCTION

NOTE: 16 GA. MINIMUM FACE SHEETS REQUIRED FOR CONTINUOUS WELDED TOP/ BOTTOM CAPS



LOCK SEAM EDGE DETAIL
ON 18 GA. EXPOSED SEAM



CENTER SEAM ON 14, 16, & 18 GA.
FILLED SEAM

EDGE CONSTRUCTION:
18 GA. (1.1) LOCK-SEAM
18 (1.1) THROUGH 12 GA. (2.6) SEAMLESS

STAINLESS STEEL INTERNAL COMPONENTS WITH 304 & 316 STAINLESS STEEL FACE SHEETS.

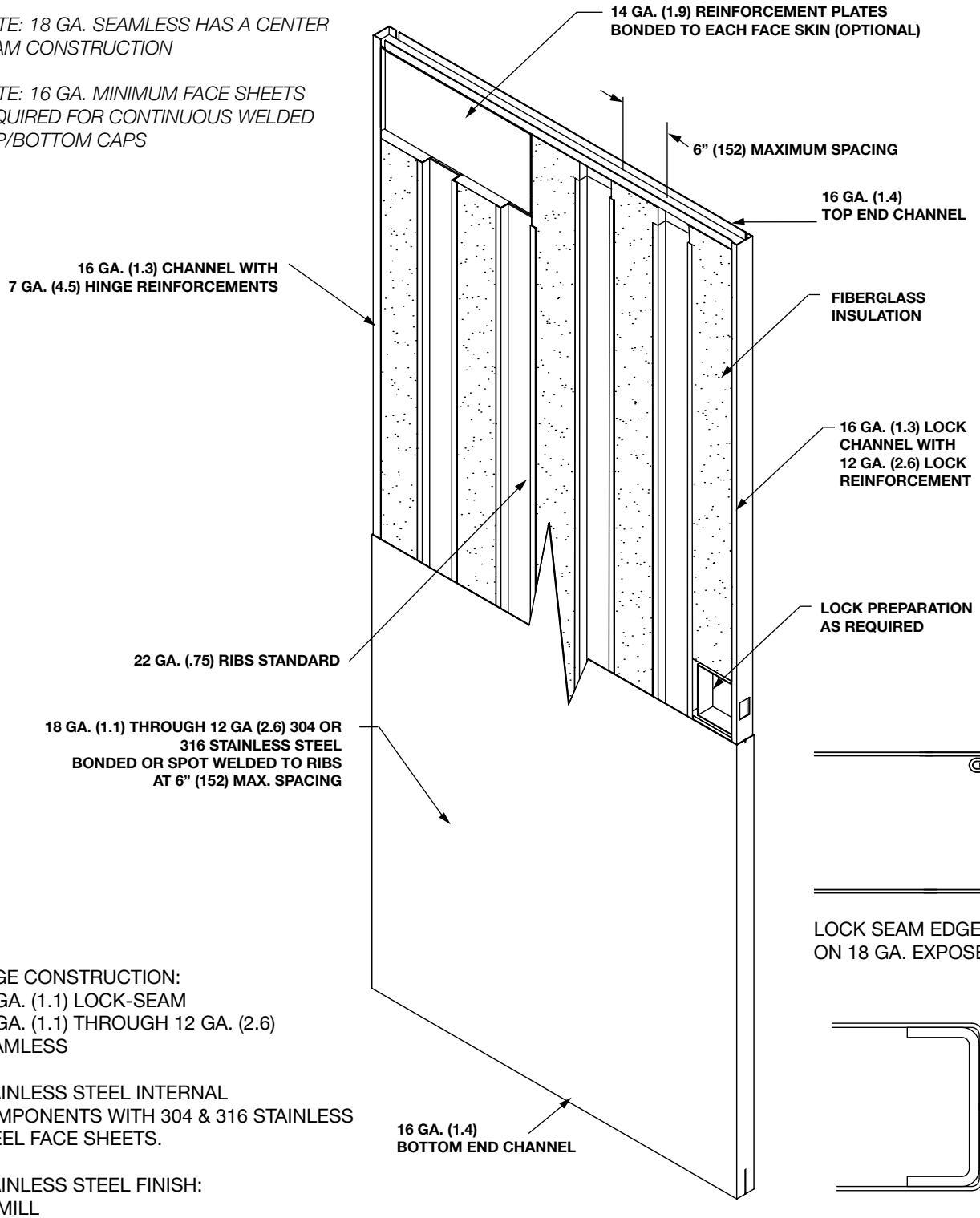
STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

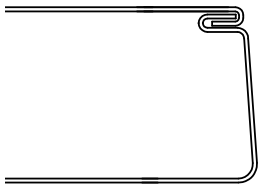
747 STAINLESS STEEL DOOR CONSTRUCTION

PLEASE CALL FACTORY FOR FIRE RATED OPTIONS

NOTE: 18 GA. SEAMLESS HAS A CENTER SEAM CONSTRUCTION

NOTE: 16 GA. MINIMUM FACE SHEETS REQUIRED FOR CONTINUOUS WELDED TOP/BOTTOM CAPS





LOCK SEAM EDGE DETAIL
ON 18 GA. EXPOSED SEAM

EDGE CONSTRUCTION:
18 GA. (1.1) LOCK-SEAM
18 GA. (1.1) THROUGH 12 GA. (2.6)
SEAMLESS

STAINLESS STEEL INTERNAL COMPONENTS WITH 304 & 316 STAINLESS STEEL FACE SHEETS.

STAINLESS STEEL FINISH:
2B MILL
#4 BRUSHED SATIN
#6 FINE SATIN
#8 MIRROR
XLB XL BLEND

CENTER SEAM ON 14, 16, & 18 GA.
FILLED SEAM

BLAST AND HURRICANE RESISTANT SINGLES

PERFORMANCE LEVELS:
- BLAST 6.16 PSI CATEGORY I/HURRICANE 150 PSF AND 50 FPS (REQUIRES 12 GAUGE SKIN)
- BLAST 9.74 PSI CATEGORY II/HURRICANE 150 PSF AND 50 FPS
- OPTIONAL UL FIRE RATING UP TO 3 HOURS

DOOR:
MIN. 2'8" X 6'8", MAX. 4'0" X 8'0" LEAF SIZE, 14 OR 12 GAUGE A60 GALVANNEALED FACE SHEETS, WITH STEEL STIFFENED AND FIBERGLASS CORE. 14 GAUGE TOP AND BOTTOM CHANNELS, WELDED TOP CAP.

SUGGESTED USE FOR COMBINATION HURRICANE AND BLAST PRODUCTS:
CRITICAL INFRASTRUCTURE, GOVERNMENT/MILITARY, PETRO CHEMICAL PLANTS, MUSEUMS, HURRICANE ENVIRONMENTS.

OPTIONAL FIRE RATING:
UP TO AND INCLUDING 3 HRS. IN ACCORDANCE WITH UL 10B, UL 10C, AND NFPA 252.

LOCK:
CORBIN RUSSWIN BL6600 SERIES OR SARGENT BL7300 SERIES

HINGES:
SEE PAGE 628

CLOSERS:
SEE PAGE 628

OPTIONAL HARDWARE & ACCESSORIES NOT PROVIDED BY CURRIES:
SEE PAGE 629

NOTES:
- *3/8" DOOR UNDERCUT*
- *3/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE*
- *BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAUGE STRIKE*
- *FLOORS MUST BE POURED LEVEL AND FRAMES MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY*
- *DOORS AND FRAMES MUST BE ORDERED AT THE SAME TIME*

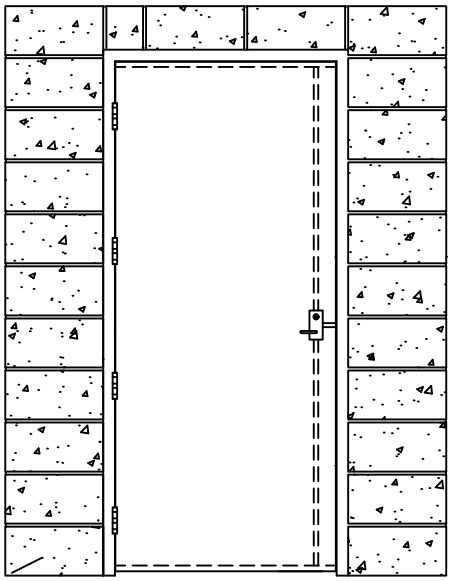
SWING:
THE COMBINATION OF BLAST AND HURRICANE RATED ASSEMBLIES MUST BE SEATED. SEATED IS DEFINED AS THE BLAST PRESSURE ACTING TO PUSH THE DOORS AGAINST THE STOPS.

NOTE:

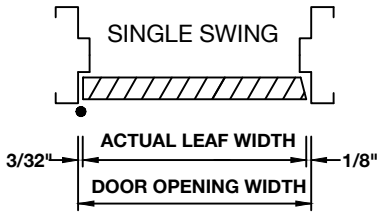
CORBIN RUSSWIN BL6600 & SARGENT BL7300 CONCEALED VERTICAL RODS, TOP & BOTTOM BOLTS, & MORTISE LOCK BODY CASETTE MUST BE FACTORY INSTALLED IN A CURRIES MULTI-SOLUTION DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN & MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER.

IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN DOOR & THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

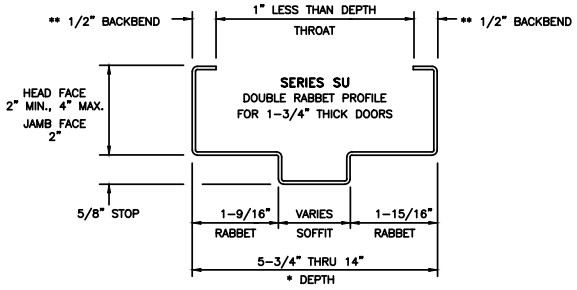
NOTE:
7'0" HEIGHTS & ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES

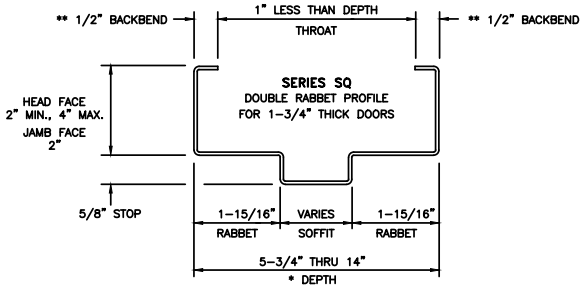


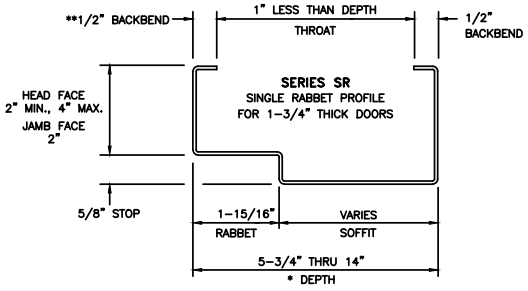
HORIZONTAL SECTION



BLAST AND HURRICANE RESISTANT SINGLES





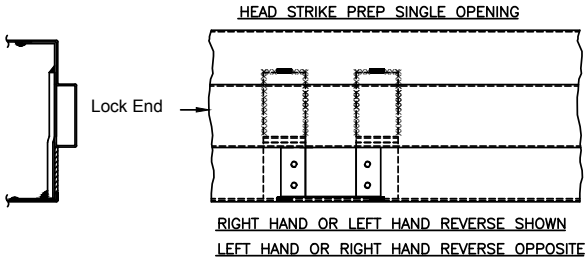


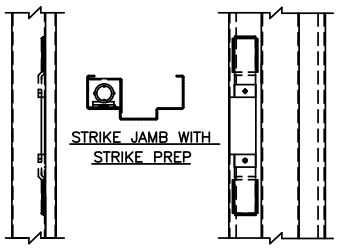
** FRAME DEPTHS AVAILABLE IN 1/8" INCREMENTS*
*** BACKBENDS FOR 5-3/4" DEPTH MAY BE 7/16", WHICH MEANS THE THROAT WOULD BE 4-7/8"*

FRAMES REQUIRE FACTORY WELDED CORNERS

FRAMES ARE CONSTRUCTED OF 14 GAUGE A60 FOR BLAST UP TO 9.74 PSI CATEGORY II.
FRAMES ARE CONSTRUCTED OF 12 GAUGE A60 FOR BLAST UP TO 6.16 CATEGORY I.

7'0" HEIGHTS AND ABOVE (4) HINGES ARE REQUIRED WHEN USING BUT HINGES.
BELOW 7'0" HEIGHTS REQUIRE (3) HINGES WHEN USING BUTT HINGES.





BLAST AND HURRICANE RESISTANT PAIRS

PERFORMANCE LEVELS:
- BLAST 6.84 PSI CATEGORY II/HURRICANE 150 PSF AND 50 FPS
- OPTIONAL UL FIRE RATING UP TO 3 HOURS

DOOR:
MIN. 5'4" X 6'8", MAX. 8'0" X 8'0" LEAF SIZE, 14 GAUGE A60 GALVANNEALED FACE SHEETS, WITH STEEL STIFFENED AND FIBERGLASS CORE. 14 GAUGE TOP AND BOTTOM CHANNELS, WELDED TOP CAP.

SUGGESTED USE FOR COMBINATION HURRICANE AND BLAST PRODUCTS:
CRITICAL INFRASTRUCTURE, GOVERNMENT/MILITARY, PETRO CHEMICAL PLANTS, MUSEUMS, HURRICANE ENVIRONMENTS.

OPTIONAL FIRE RATING:
UP TO AND INCLUDING 3 HRS. IN ACCORDANCE WITH UL 10B, UL 10C, AND NFPA 252.

LOCK:
CORBIN RUSSWIN BL6600 SERIES OR SARGENT BL7300 SERIES

SURFACE BOLTS: CORBIN RUSSWIN 988CR OR SARGENT 988

HINGES:
SEE PAGE 628

CLOSERS:
SEE PAGE 628

OPTIONAL HARDWARE & ACCESSORIES NOT PROVIDED BY CURRIES:
SEE PAGE 629

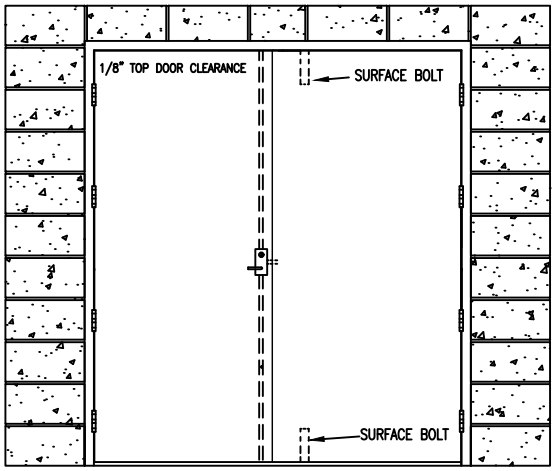
NOTES:
- *3/8" DOOR UNDERCUT*
- *3/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE*
- *BOTTOM STRIKES MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLTS TO PROPERLY ENGAGE STRIKES*
- *FLOORS MUST BE POURED LEVEL AND FRAMES MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY*
- *DOORS AND FRAMES MUST BE ORDERED AT THE SAME TIME*
- *METAL ASTRAGALS ARE NOT ALLOWED*

SWING:
THE COMBINATION OF BLAST AND HURRICANE RATED ASSEMBLIES MUST BE SEATED. SEATED IS DEFINED AS THE BLAST PRESSURE ACTING TO PUSH THE DOORS AGAINST THE STOPS.

NOTE:
CORBIN RUSSWIN BL6600 & SARGENT BL7300 CONCEALED VERTICAL RODS, TOP & BOTTOM BOLTS, & MORTISE LOCK BODY CASETTE MUST BE FACTORY INSTALLED IN A CURRIES MULTI-SOLUTION DOOR. ALL OTHER HARDWARE COMPONENTS ARE SHIPPED DIRECTLY FROM SARGENT OR CORBIN RUSSWIN & MUST BE INSTALLED BY A FACTORY TRAINED INSTALLER.

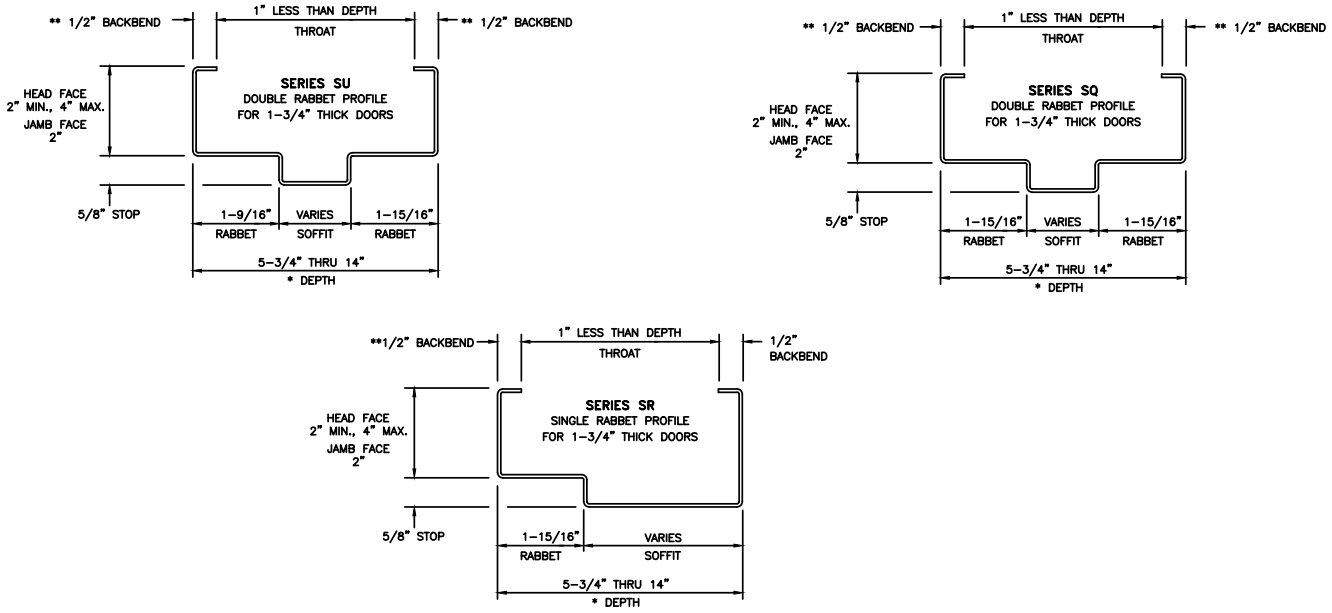
IMPORTANT: DO NOT REMOVE ANY HARDWARE BLOCKING OR FILLER PLATES IN DOOR & THE FRAME UNTIL THE MORTISE LOCK IS READY TO BE INSTALLED.

NOTE:
7'0" HEIGHTS & ABOVE (4) HINGES ARE REQUIRED WHEN USING BUTT HINGES BELOW 7'0" HEIGHTS (3) HINGES ARE REQUIRED WHEN USING BUTT HINGES



OPTIONAL:
THE UNEQUAL DOOR LEAVES ARE ALLOWED. 2'8" X 6'8" MINIMUM AND 4'0" X 8'0"

BLAST AND HURRICANE RESISTANT PAIRS

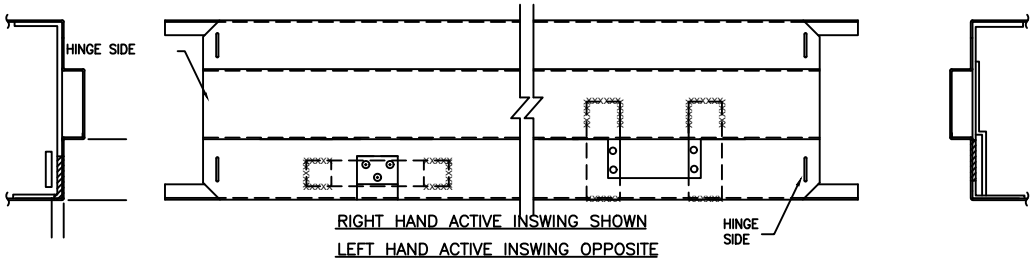


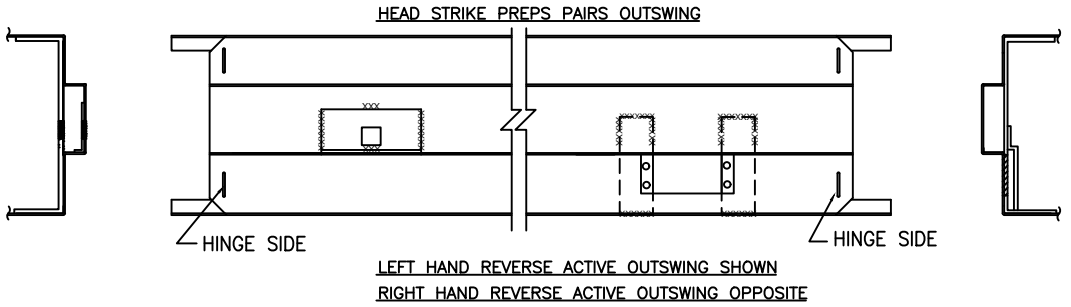
** FRAME DEPTHS AVAILABLE IN 1/8" INCREMENTS*
*** BACKBENDS FOR 5-3/4" DEPTH MAY BE 7/16", WHICH MEANS THE THROAT WOULD BE 4-7/8"*

FRAMES REQUIRE FACTORY WELDED CORNERS

FRAMES ARE CONSTRUCTED OF 14 GAUGE A60 FOR BLAST UP TO 6.84 CATEGORY II.

7'0" HEIGHTS AND ABOVE (4) HINGES ARE REQUIRED WHEN USING BUT HINGES.
BELOW 7'0" HEIGHTS REQUIRE (3) HINGES WHEN USING BUTT HINGES.

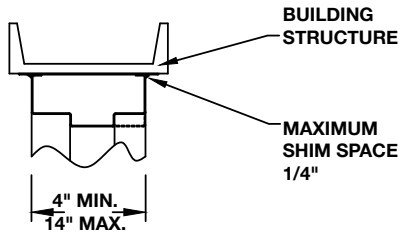


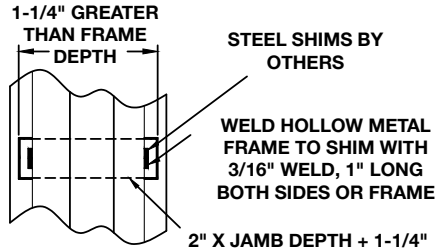


BLAST AND HURRICANE RESISTANT SINGLES AND PAIR

ANCHORING BY WELDING TO BUILDING STRUCTURE

18 GAUGE MIN. - 1/4" MAX. THICK A-36 STEEL SHIMS CENTERED UNDER FRAME. WELD PERIMETER OF 5/8" X 2" X 5/8" ENDS OF SHIMS TO STRUCTURAL BUILDING MEMBER WITH FILLET WELDS SIZED AS FOLLOWS USING E6018 ELECTRODES. FILLET WELD SIZE SAME AS SHIM THICKNESS FOR 0.053" TO 0.125" SHIM THICKNESS. WELD SIZE 1/8" FOR 0.125" TO 1/4" SHIM THICKNESS.





SINGLE FRAME HEAD ANCHOR LOCATIONS

OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENINGS 2'8" X 6'8" THRU 4'0" X 8'0"	WELDING TO THE BUILDING STRUCTURE	MINIMUM OF 2 WELD LOCATIONS REQUIRED. LOCATIONS ARE 6" FROM EACH DOOR JOMB RABBET. MUST WELD ON BOTH FACES OF THE FRAME HEAD AND SILL AT EACH LOCATION.

SINGLE JAMB ANCHOR LOCATIONS

OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENINGS 2'8" X 6'8" THRU 4'0" X 8'0"	WELDING TO THE BUILDING STRUCTURE	WELD LOCATIONS, MAXIMUM OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET AND 24" MAX. ON CENTER. MUST WELD ON BOTH FACES OF THE FRAME AT EACH LOCATION.

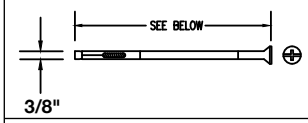
PAIRED OPENING FRAME HEAD ANCHOR LOCATIONS

OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE	WELDING TO THE BUILDING STRUCTURE	MINIMUM OF 5 WELD LOCATIONS AND MUST WELD ON BOTH FACES OF THE FRAME HEAD & SILL AT EACH LOCATION; ONE LOCATION AT THE CENTERLINE OF THE DOOR MEETING EDGES. 2 ARE LOCATED 6" FROM THE CENTERLINE OF THE DOOR MEETING EDGES & 2 WELDS ARE LOCATED 6" FROM EACH DOOR JAMB RABBET.

PAIRED OPENING JAMB ANCHOR LOCATIONS

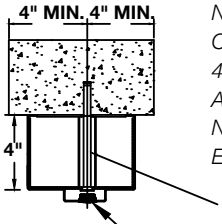
OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
APPROVED MIN. OPENING SIZE UP TO AND INCLUDING MAX. OPENING SIZE	WELDING TO THE BUILDING STRUCTURE	WELD LOCATIONS, MAXIMUM OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET AND 24" MAX. ON CENTER. MUST WELD ON BOTH FACES OF THE FRAME AT EACH LOCATION.

FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN WELDED TO BUILDING STRUCTURE



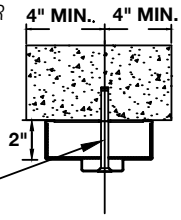
***FASTENERS ARE FLAT HEAD ZINC PLATED CARBON STEEL EXPANSION BOLTS FOR MASONRY FASTENER LENGTH 3/8" X 6" STEEL BOLT**

4" FACE FRAME HEAD ANCHORING



NOTE: MINIMUM PRECAST OR CMU WALL EDGE DISTANCE 4" TO CENTER OF BOT HOLE AT HEAD OR HEAD & JAMBS. NOTE:1-1/4" MINIMUM BOLT EMBEDMENT

2" FACE FRAME HEAD & JAMB ANCHORING

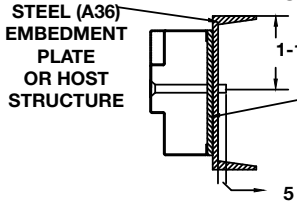


3/8" EXPANSION BOLT (SHIPS LOOSE FOR FIELD INSTALLATION)

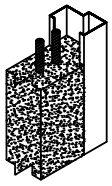
VINYL CAP PLUG
VINYL CAP PLUG (BAG OF 10) PART #6111049
VINYL CAP PLUG (BAG OF 100) PART #6111050
(SHIPS LOOSE FOR FIELD INSTALLATION)

EXISTING OPENING - PIPE & PLATE
FRAME NOT REQUIRED TO BE GROUTED

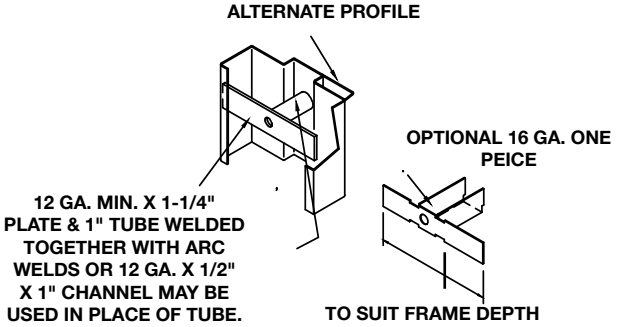
3/8" SMS/SELF DRILLING SCREW/UNC BOLT (BY OTHERS)



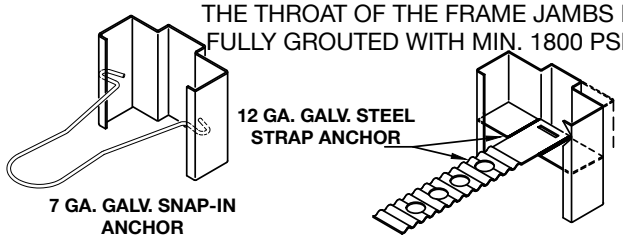
SCREW ATTACHMENT THROUGH EXISTING EMBEDMENT PLATE PROVIDED THAT DRILLING THROUGH PLATE IS PERMISSIBLE AS VERIFIED BY OTHERS.



POURED IN PLACE WALL



MASONRY - WIRE ANCHORSMASONRY T ANCHORS
THE THROAT OF THE FRAME JAMBS MUST BE FULLY GROUTED WITH MIN. 1800 PSI GROUT.



BLAST AND HURRICANE RESISTANT SINGLES AND PAIRS

HEAD ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 4'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE EXPANSION BOLT OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MINIMUM OF 2 ANCHORS REQUIRED. LCOATIONS ARE 6" FROM EACH DOR JAMB RABBET. WHEN ANCHORS ARE LOCATED IN THE DOOR RABBET, THE ANCHOR AT THE LOCK JAMB SIDE WILL BE LOCATED AT 9"

ANCHORS MAY BE INSTALLED THROUGH EXISTING EMBEDMENT PALTES, PROVIDED THAT DRILLING THROUGH EXISTING EMBEDMENT PLATES IS PERMISSIBLE AS VERIFIED BY OTHERS. ANY EXISTING EMBEDMENT PLATES SHALL BE DESIGNED AND VERIFIED BY OTHERS.
FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS.

JAMB ANCHOR LOCATIONS

EXISTING OPENING BOLT OR SCREW FASTENED JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 3'0" X 7'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE EXPANSION BOLT OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MAXIMUM OF 8" FROM THE SILL, MAXIMUM 4" FROM THE HEAD RABBET, AND 21" MAXIMUM ON CENTER
	GREATER THAN 3'0" X 7'0" AND UP TO AND INCLUDING 4'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE EXPANSION BOLT OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MAXIMUM OF 8" FROM THE SILL, MAXIMUM 4" FROM THE HEAD RABBET, AND 18" MAXIMUM ON CENTER

FRAMES ARE REQUIRED TO BE GROUTED WHEN USING MASONRY T OR WIRE MASONRY WALL JAMB ANCHORS.

12 GAUGE MASONRY "T" JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 4'0" X 8'0"	12 GA. MASONRY T ANCHORS	MAX. OF 8" FROM THE SILL, MAX. 6" FROM THE HEAD RABBET, AND 24" ON CENTER MAX.

WIRE MASONRY JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
SINGLE OPENING	2'8" X 6'8" UP TO AND INCLUDING 3'0" X 7'0"	WIRE MASONRY ANCHORS	MAX. OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET, AND 18" ON CENTER MAX.
	GREATER THAN 3'0" X 7'0" AND UP TO AND INCLUDING 4'0" X 8'0"	WIRE MASONRY ANCHOR	MAX. OF 12" FROM THE SILL, MAX. 10" FROM THE HEAD RABBET, AND 12" ON CENTER MAX.

HEAD ANCHOR LOCATIONS

NOTE: FOR UNEQUAL WIDTH PAIRS; ANCHOR QUANTITY/SPACING FOR EACH SIDE OF THE CENTERLINE OF THE DOOR MEETIN EDGES SHALL BE DETERMINED AS THOUGH THE LEAF SIZE WAS PART OF AN EQUAL WIDTH PAIR.

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING 8'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE ANCHOR OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MINIMUM OF 6 ANCHORS. ON BOTH SIDES OF THE CENTERLINE OF THE DOOR MEETING EDGES: ONE EACH LOCATED AT 8" AND 15" FROM THE CENTERLINE OF THE DOOR MEETING EDGES. 2 ANCHORS REQURED 6" FROM EACH DOOR JAMB RABBET.

ANCHORS MAY BE INSTALLED THROUGH EXISTING EMBEDMENT PLATES, PROVIDED THAT DRILLING THROUGH EXISTING EMBEDMENT PLATES IS PERMISSIBLE AS VERIFIED BY OTHERS. ANY EXISTING EMBEDMENT PLATES SHALL BE DESIGNED AND VERIFIED BY OTHERS. FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS. JAMB ANCHOR LOCATIONS FOR BL7300/BL6600.

EXISTING OPENING & SCREW FASTENED JAMB ANCHOR LOCATIONS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING 8'0" X 8'0"	EXISTING WALL ANCHORS POWERS 3/8" LOCK-BOLT AS SLEEVE ANCHOR OR 3/8" SMS/SELF DRILLING SCREW/UNC BOLT	MAXIMUM OF 8" FROM THE SILL, MAXIMUM OF 4" FROM THE HEAD RABBET, AND 24" MAXIMUM ON CENTER.

12 GAUGE MASONRY T ANCHORS & WIRE MASONRY ANCHORS

	OPENING SIZE	ANCHOR TYPE	ANCHOR SPACING
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING MAX. OPENING SIZE	12 GA. MASONRY ANCHORS	MAXIMUM OF 8" FROM THE SILL, MAXIMUM OF 6" FROM THE HEAD RABBET, AND 24" MAXIMUM ON CENTER.
PAIR OPENING	APPROVED MIN. OPENING SIZE UP TO & INCLUDING 8'0" X 8'0"	WIRE MASONRY ANCHORS	MAXIMUM OF 12" FROM THE SILL, MAXIMUM OF 10" FROM THE HEAD RABBET, AND 16" MAXIMUM ON CENTER.

BLAST AND HURRICANE SINGLES AND PAIRS

CONTINUOUS HINGES
- MARKAR HG305 CONTINUOUS HINGE
- MARKAR CONTINUOUS HINGES WITH OR WITHOUT EL OPTION

NOTE: A CONTINUOUS HINGE REQUIRES A CONTINUOUS HINGE REINFORCEMENT IN DOOR AND FRAME.

WIDE THROW CONTINUOUS HINGES
- MARKAR HG305WT10 WIDE THROW HINGE WITH OR WITHOUT EL OPTION
- MARKAR FM300WT WIDE THROW HINGE (WT10 THRU WT50) OUTSWING ONLY WITH OR WITHOUT EL OPTION

NOTE: A CONTINUOUS HINGE REQUIRES A CONTINUOUS HINGE REINFORCEMENT IN DOOR AND FRAME.

HEAVY WEIGHT STANDARD AND WIDE THROW FULL MORTISE BUTT HINGES
- MCKINNEY SP3786 (4-1/2" X 4-1/2" X .180 OR 5"X4-1/2" X .190)
- MCKINNEY SP3386 (4-1/2" X 4-1/2" X .180 OR 5"X4-1/2" X .190)
- MCKINNEY SP3386 AND SP3786 (4-1/2" X 5", 4-1/2" X 6", 4-1/2" X 7", 4-1/2" X 8", 5" X 4-1/2", 5" X 5", 5" X 6", 5" X 7" AND 5" X 8")
- MCKINNEY SP3386 AND SP3786 WITH OR WITHOUT QC OPTION
- MCKINNEY SP3386 AND SP3786 WITH OR WITHOUT NRP

DOOR CLOSERS
- CORBIN RUSSWIN DC8000 SERIES DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- NORTON 7500 SERIES DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- SARGENT 281 SERIES DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- ASSA ABLOY ACCENTRA 4400 SERIES DOOR CLOSER (THRU-BOLD MOUNTING OF BODY TO DOOR ONLY)

DOOR CLOSER/HOLDERS
- SARGENT 2409 CLOSER/HOLDER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- SARGENT 351 EHT CLOSER/HOLDER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)
- NORTON 7700PT ELECTRIC DOOR CLOSER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)

OVERHEAD STOP/HOLDERS
- RIXSON 9 SERIES OVERHEAD STOP/HOLDER (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)

MECHANICAL HOLDERS
- ROCKWOOD 491S OR 494S MECHANICAL HOLDERS (THRU-BOLT MOUNTING OF BODY TO DOOR ONLY)

ELECTROMECHANICAL HOLDERS
- RIXSON 998/998M, 999M, 980M, 990M, 991M, 996M OR 997M ELECTROMECHANICAL HOLDERS (THRU-BOLT MOUNTING OF DOOR ARMATURE TO DOOR ONLY)
- SARGENT 1560, 1561 OR 1562 ELECTROMECHANICAL HOLDERS (THRU-BOLT MOUNTING OF CONTACT PLATE TO DOOR ONLY)

BLAST AND HURRICANE SINGLES AND PAIRS

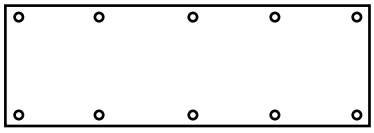
PEMKO PERIMETER SEALS:
S773, 305 PERIMETER SEAL
346 RAIN DRIP (THREAT SIDE MOUNTING ONLY)
345 DOOR BOTTOM (THREAT SIDE MOUNTING ONLY)
S771 ASTRAGAL OR S772 ASTRAGALS
2715 THRESHOLD

ELECTRONIC POWER TRANSFER:
CEPT, HANCHETT ENTRY SYSTEMS, DBA SECURITRON MAGNALOCK CORP.

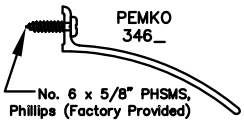
DOOR POSITION SWITCH:
DPS-M, SECURITRON MAGNALOCK CORP.

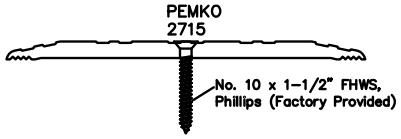
KICK PLATE:
ROCKWOOD K1050 (MUST BE SCREW APPLIED FOR FIRE RATED ASSEMBLIES ON
BLAST OR UNPROTECTED SIDE OF THE DOOR)
NOTE: KICK PLATES MUST BE INSTALLED ON THE TREAT SIDE OF THE OPENING

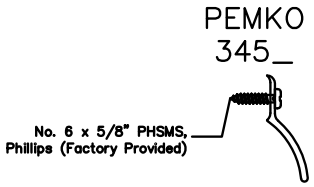
WIRE HARNESS:
QC-C1500P ELECTROLYNX WIRE HARNESS

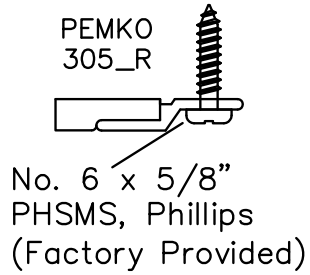


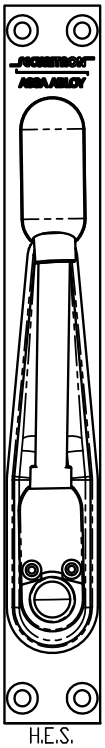
K1050 KICK PLATE

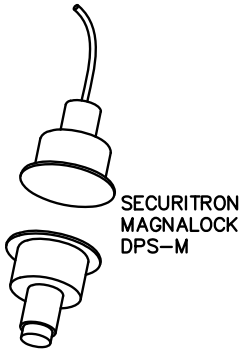


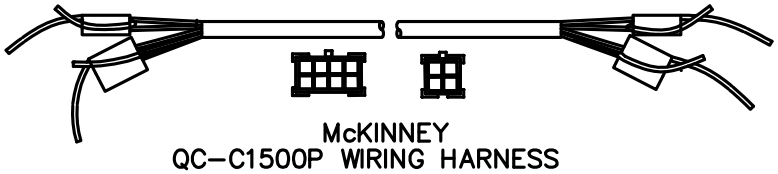










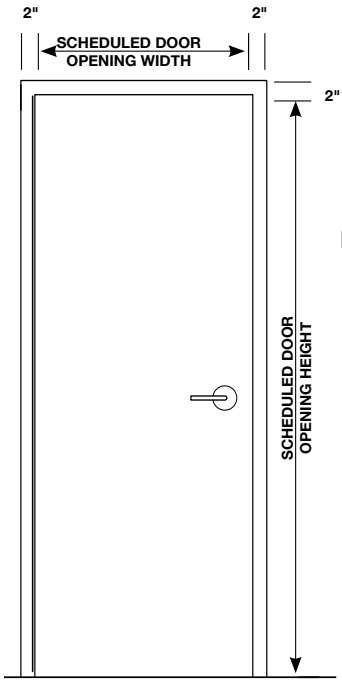


EMI-RFI/STC SHIELDING ASSEMBLIES WITH SPLIT FRAME AND ADJUSTABLE SEALS

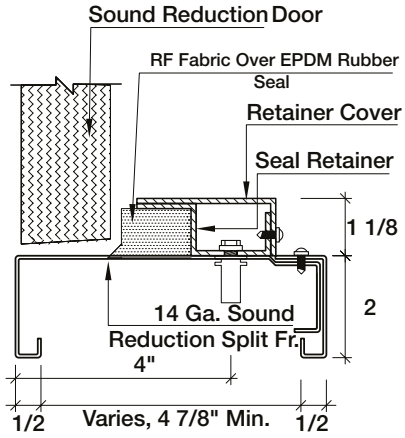
SPECIFICATIONS:

- DOOR AND FRAME TO BE MANUFACTURED WITH STAINLESS STEEL.
- AN ALUMINUM EMI-RFI/STC SHIELDING THRESHOLD IS INCLUDED (STAINLESS STEEL OPTION).
- ASSEMBLY IS EQUIPPED WITH EMI-RFI/STC STAINLESS STEEL SHIELDING DOOR, EMI-RFI/STC STAINLESS STEEL FRAME, EMI-RFI/STC SEALS, CONTUCTIVE CAULK, CONDUCTIVE TAPE, THRESHOLD, AND CAM-LIFT HINGES. PRODUCT IS ALSO CRATED FOR SHIPMENT.
- BOTTOM SEALS REQUIRE A FLUSH LEVEL SEALING SURFACE. THE THRESHOLD MUST BE LEVEL AND MAY REQUIRE SHIMMING TO COMPENSATE FOR AN UNEVEN FLOOR. CONDUCTIVE CAULK SHOULD BE USED APPLIED TO THRESHOLD MATING CONTACT POINTS WITH FRAME ESPECIALLY IN GAPS OR JOINTS. THIS WILL PREVENT ANY EMI-RFI/STC LEAKS AT THIS LOCATION.
- DOOR THICKNESS IS 1-3/4". BE AWARE THAT THE FRAME MUST BE SECURELY TIED TO THE EMI-RFI/STC SHIELDING SYSTEM FOR THE STRUCTURE, ROOM OR BUILDING, FRAMING FROM THE SUB FLOOR TO THE STRUCTURE ABOVE.
- DOORS ARE TO BE FORMED OF NO LESS THAN 16 GAUGE STAINLESS STEEL FACE SHEETS.
- FRAMES ARE TO BE FORMED OF NO LESS THAN 14 GAUGE SHEET STEEL WITH CORNERS MITERED, CONTINUOUSLY WELDED AND GROUND SMOOTH.
- DOORS AND FRAMES ARE FORMED WITH COMMERCIAL QUALITY STAINLESS STEEL CONFORMING TO ASTM A240 AND A480.
- IEEE STD. 29-2006 STANDARD METHOD FOR MEASURING THE EFFECTIVENESS OF ELECTROMAGNETIC SHIELDING ENCLOSURES FOR EFFECTIVENESS, FROM 9 KHZ TO 18 GHZ.
- THIS ASSEMBLY IS FIRE RATED UP TO 90 MIN.

304 OR 316 STAINLESS STEEL PRIME PAINTED:
#4 BRUSHED SATIN FINISH ONLY
STAINLESS STEEL OPTIONS: #2B MILL, #4 BRUSHED SATIN, #6 FINE SATIN, XL BLEND FINISHES AVAILABLE



EMI-RFI SHIELDING ASSEMBLIES MEETS OR EXCEEDS COMMONLY SPECIFIED SHIELDING EFFECTIVENESS RATINGS IN ACCORDANCE WITH IEEE-299 SUCH AS 60 DB AT 10 GHZ. CUSTOMER MUST DEFINE STANDARD/SPECIFICATION DESIRED, RELEVANT FREQUENCIES, AND REQUIRED SHIELDING EFFECTIVENESS TO ENSURE ASSEMBLY WILL MEET SPECIFIED REQUIREMENTS.



RFS2C - Perimeter Rubber Compression Seals For Split Frame Profile

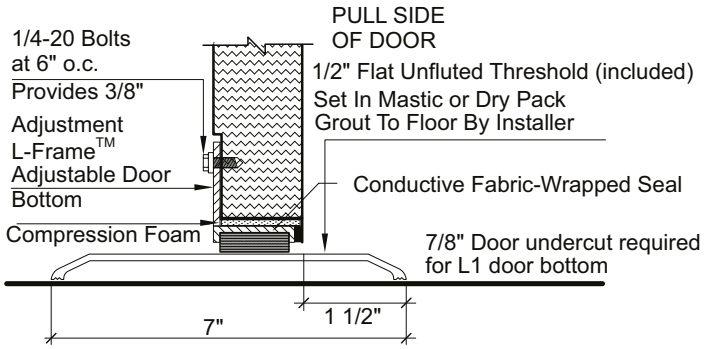
The Recommended Rough Opening is Door Width plus 3 1/2" and Door Height plus 1 3/4"

PLEASE CONTACT SPECIALTY TECH SUPPORT TEAM FOR MORE INFORMATION: SPECIALTYPRODUCTS.TECHSUPPORT@ASSAABLOY.COM

OPENING	LOCK	STC CONSTRUCTION
SINGLES	MORTISE OR CYLINDRICAL	UP TO STC 50 OPERABLE
SINGLES	LOCKMASTERS (SCIF)	
PAIRS	EXIT DEVICE	

EMI-RFI/STC SHIELDING ASSEMBLIES WITH SPLIT FRAME AND ADJUSTABLE SEALS

DOOR BOTTOM CONSTRUCTION



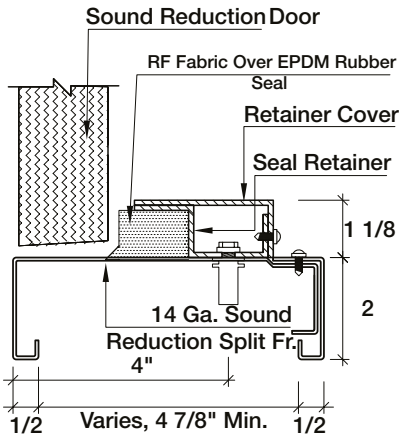
L1RF (L- Frame)

Door Bottom

Threshold must be level and filled to compensate for uneven floors and prevent sound leaks.

Threshold should protrude 1 1/2" past face of frame to allow the conductive fabric-wrappedseal section of the door bottom to seat properly during normal operation with the Cam hinges.

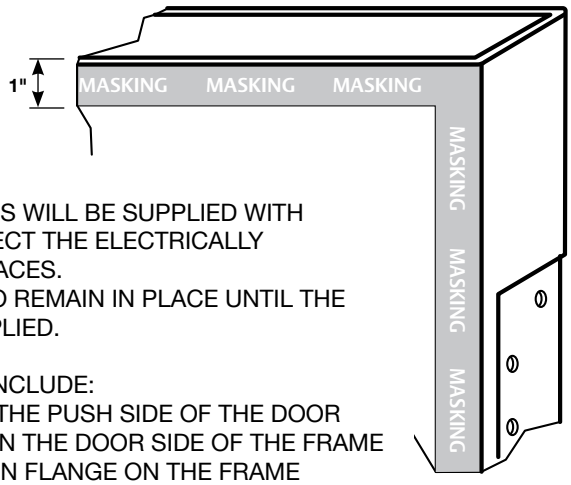
TYPICAL FRAME PROFILES



RFS2C - Perimeter Rubber Compression Seals For Split Frame Profile

The Recommended Rough Opening is Door Width plus 3 1/2" and Door Height plus 1 3/4"

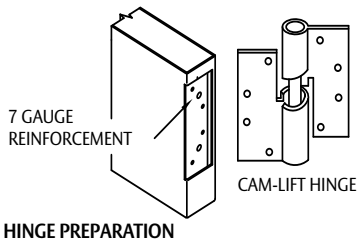
NOTE: 1-1/2" RETURN FLANGE AVAILABLE ON EITHER SIDE OF FRAME TO ALIGN WITH RF MATERIAL IN WALL.



DOORS AND FRAMES WILL BE SUPPLIED WITH MASKING TO PROTECT THE ELECTRICALLY CONDUCTIVE SURFACES.
THIS MASKING IS TO REMAIN IN PLACE UNTIL THE FINISH PAINT IS APPLIED.

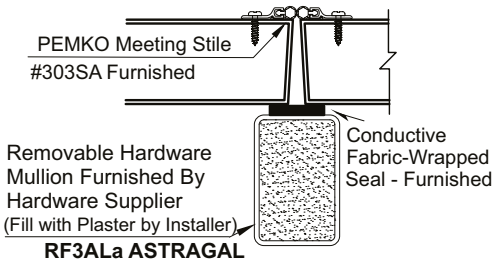
THESE SURFACES INCLUDE:
- 1" PERIMETER OF THE PUSH SIDE OF THE DOOR
- 1" STOP HEIGHT ON THE DOOR SIDE OF THE FRAME
- 1-1/2" CONNECTION FLANGE ON THE FRAME

CAM-LIFT HINGES

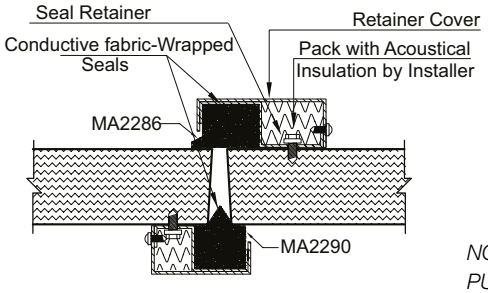


HINGE PREPARATION
(HINGE PREP. IS HANDED)

PAIRED OPENINGS



RF3ALa ASTRAGAL



RF1ALa Astragal

For Pairs with Inactive Leaf

NOTE: STRIKE BRACKETS PURCHASED FROM LOCK SUPPLIER.