

Wikk offers 2 types of Stainless Steel:

304 is the basic chromium-nickel austenitic stainless steel and has been found suitable for a wide range of applications. It is the most readily available in a variety of product forms. This grade is easy to form and fabricate with excellent resistance to corrosion.

316 offers more corrosion-resistance through the addition of molybdenum. This grade is desirable where the possibility of severe corrosion exists, such as heavy industrial atmospheres and marine environments.

Job	Cleaning Agents*	Comments
Routine Cleaning	Warm Water, Soap, Ammonia, Detergent	Apply with sponge or soft cloth. Can be used on all finishes.
Fingerprints and Smears	3M Stainless Steel Cleaner and Polish, Arcal 20, Lac-O-Nu, Lumin Wash, O'Cedar Cream Polish, Stainless Shine	Provides barrier film to minimize fingerprints. Can be used on all finishes.
Stubborn Stains and Discoloration	3M Stainless Steel Cleaner and Polish, Allchem Concentrated Cleaner, Samar Tinkle, Cameo Copper Cleaner, Grade FFF or Grade F Italian Pumice, Whiting or talc, Liquid Nu Steel, Coppers or Revere Stainless Steel Cleaner, Household Cleaners, Lumin Cleaner, Zud Restoro, Sta-Clean, Highlite, Allen Polish, Penny Brite, Copper Brite	Rub lightly, using dry damp cloth, in the direction of the polish lines on the stainless steel.
Grease and Blood	Scotch-Brite Power Pad 2001, Easy-off, De-Grease-It, 4% or 6% hot solution of such agents as tri-sodium polyphosphate, 5% to 15% caustic soda solution	Excellent removal on acids, all finishes. Particularly useful where rubbing is not practical
Grease and Oil	Any good commercial detergent or caustic cleanser	Apply with sponge or soft cloth in direction of polish lines
*NOTE: Use of proprietary names is not intended only to indicate a type of cleaner and does not constitute an endorsement. Omission of any proprietary cleanser does not imply its inadequacy. All Products should be used in strict accordance with instructions on package.		

CARE OF STAINLESS STEEL

The cleaner stainless steel can be kept while in storage, being processed or during use, the greater the assurance of optimum corrosion resistance. Some tips on the care of stainless steel are listed below:

- 1) Use paper or other protective wrapping on the surface of the stainless steel until processing is complete.*
- 2) Handle stainless steel with clean gloves or cloths to guard against stains or finger marks.
- 3) Avoid the use of oily rags or greasy cloths when wiping the surface.
- 4) Do routine cleaning of exposed surfaces. Buildings with window washing systems can utilize this method to clean exterior panels.
- 5) Where possible, after cleaning, rinse thoroughly with water.
- 6) Cleaning with chloride-containing detergents must be avoided.
- 7) Even the finest cleaning powders can scratch or burnish a mill-rolled finish. On polished finishes, rubbing or wiping should be done in the direction of the polish lines, NOT across them.
- 8) DO NOT USE SOLVENTS in closed spaces or while smoking.

BOLLARD CHECKLIST INSTRUCTION SHEET

STEP 1

Select the bollard size and material.

STEP 2

Select the bollard finish.

STEP 3

Selecting the height / length of the bollard and the type of mounting needed. See page 2 for standard options. For custom lengths please specify on the drawing on page 3 of the worksheet. Custom mounting solutions are also available.

STEP 4

Determine the bollard top option. See page 2 for a list of the available options.

STEP 5

Determine the mounting prep location for the device(s) to be used. See page 2 for a list of the standard available options.

STEP 6

Determine the number of device preps needed as well as the type of preps needed. See page 2 for standard preps and page 3 for examples.

NOTE: At the time of quoting / ordering bollards please supply all device information (make, model, as well as mounting templates) to Wikk.

****ADA Law states that all door controls be within 34" to 48" from the finished floor. Please check your state codes when considering your design.****

Security device manufacturers do not always make their installation details readily available online, some templates are only provided with the devices. It may be necessary to provide Wikk with an actual device to ensure correct mounting preps. All devices will be returned with your order.

All information supplied to Wikk regarding security devices will be kept confidential.

STEP 7

Decide on the quantity needed.



Wikk® Industries, Inc.
6169A Industrial Court
Greendale, WI 53129
Phone: 877-421-9490

www.wikk.com

STEP 1

SQUARE BOLLARD CHECK LIST

STEP 4

DIMENSIONS AND MATERIALS

- ☐ 3" X 3" X .120" ☐ S.S. 304
- ☐ 4" X 4" X .120" ☐ S.S. 304 ☐ .125" ALUMINUM
- ☐ 6" X 6" X .120" ☐ S.S. 304 ☐ .135" ALUMINUM
- ☐ 7" X 7" X .188" ☐ S.S. 304 ☐ MILL ALUMINUM*
- ☐ 8" X 8" X .188" ☐ S.S. 304 ☐ MILL ALUMINUM*
- ☐ 9" X 9" X .188" ☐ S.S. 304 ☐ MILL ALUMINUM*

* FORMED FOR POWDER COATING OR PAINTING ONLY

BOLLARD TOP OPTION

- ☐
- REMOVABLE BLACK ABS (4" AND 6" ONLY)

NOTE: REMOVABLE CAP IS NOT WEATHER TIGHT. APPLY SILICONE CAULK FOR OUTDOOR USE.

- ☐
- WELDED FLAT

- ☐
- REMOVABLE ANGLE TOP (4" AND 6" ONLY)

- ☐
- WELDED ANGLED TOWARDS FRONT

- ☐
- WELDED ANGLED TOWARDS BACK

* NOTE * Specify the degree of the angle. 45 degrees is standard but other angles are available in 5 degree increments i.e. 30, 35, 40, etc.

STEP 2

FINISHES**STAINLESS STEEL**

- ☐ US32D SATIN POLISHED (630)
- ☐ US32 MIRROR POLISHED (629)

ANODIZED ALUMINUM

- ☐ CLEAR (628) ☐ DARK BRONZE (710)
- ☐ LIGHT BRONZE
- ☐ BLACK (711) ☐ CUSTOM ANODIZING

MILL ALUMINUM

- ☐ POWDER COATED - SPECIFY COLOR CODE _____
- ☐ PAINTED - SPECIFY COLOR CODE _____
- MANUFACTURER OF COLOR CODE _____

* NOTE *

Any aluminum bollard needing welding i.e. angle tops, welded flat tops, will need to be powder coated or painted.

See color chart on our website @ www.wikk.com**PREP LOCATION**

- ☐ FRONT ☐ BACK
- ☐ LEFT HAND SIDE ☐ RIGHT HAND SIDE
(as viewed from the front)
- ☐ ON ANGLED TOP

STEP 5

PREPS

- ☐
- NUMBER OF PREPS NEEDED _____

TYPES OF PREPS

- ☐ WIKK'S AA PREP
- ☐ SINGLE GANG
- ☐ DOUBLE GANG
- ☐ INGRESS'R PREP
- ☐ CARD READER (SPECIFY MAKE, MODEL, AND SUPPLY MOUNTING TEMPLATE)

- ☐ REMOVABLE ACCESS PANEL
- ☐ OTHER (SPECIFY TYPE i.e. holes, reveals etc.)

STEP 6

PREP HEIGHTS AND SPECIAL NOTES

NOTES: PRODUCT AVAILABILITY IS SUBJECT TO CHANGE. 3" X 3" BOLLARD AVAILABLE AS IN GROUND OR WITH WELDED BASE PLATE FOR MOUNTING ONLY

STEP 3

LENGTH OF BOLLARD/MOUNTING

- ☐ 42" SURFACE MOUNT (STANDARD ALUMINUM BRACKET)
- ☐ 54" IN GROUND
- ☐ WELDED MOUNTING BASE PLATE
- ☐ BASE PLATE WITH WELDED SLEEVE (FOR REMOVABLE BOLLARD)
- ☐ OTHER (SPECIFY ON DRAWING)

Please contact us if what you are looking for is not listed on this sheet



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STEP 7

QUANTITY: _____

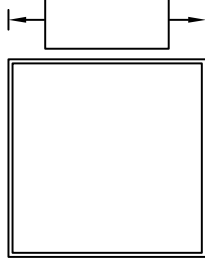


simply. accessible.

SQUARE BOLLARD

STEP 2

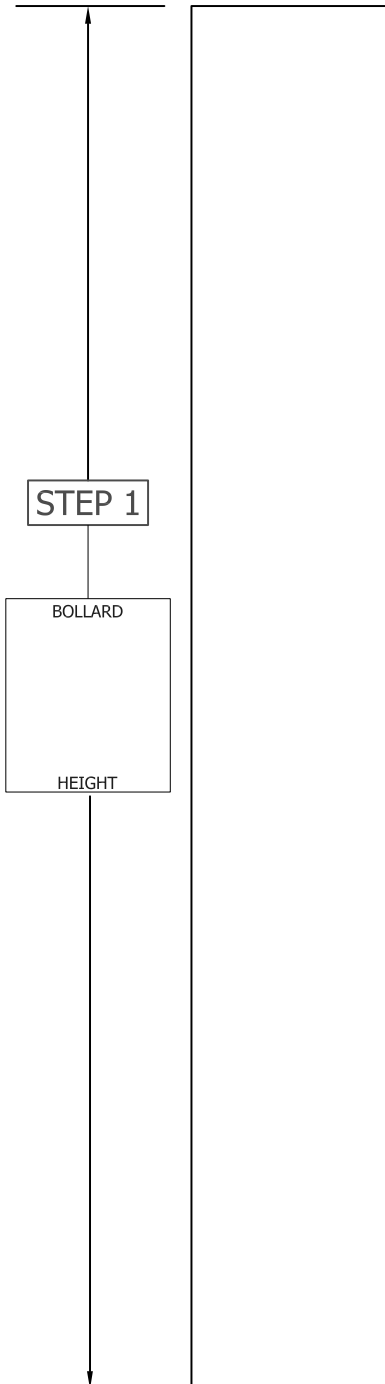
WIDTH



STEP 1

BOLLARD

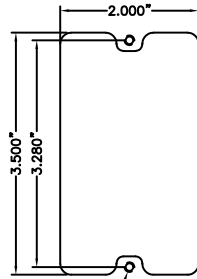
HEIGHT



STEP 3

STANDARD PREPS

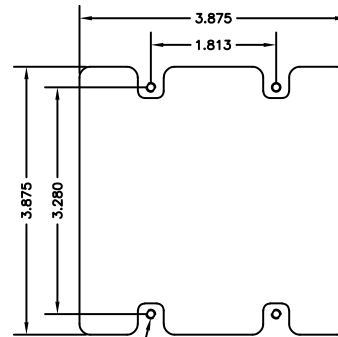
SINGLE GANG MOUNT



(2) #6-32 TAPPED HOLES



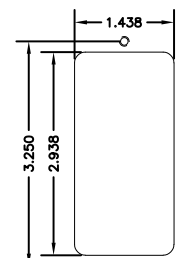
DOUBLE GANG MOUNT



(4) #6-32 TAPPED HOLES



AA PREP
(narrow)



(2) #6-32 TAPPED HOLES



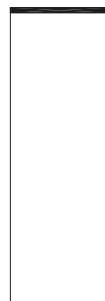
NOTE: ADA Law states that all door controls be within 34" to 48" from the finished floor.

Please check your state codes when considering your design.

PREP HEIGHT (FROM FINISHED FLOOR)

STEP 4

TOP OPTIONS



FLAT
TOP



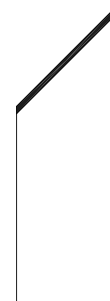
REMOVABLE OR
WELDED



ANGLE
TOP



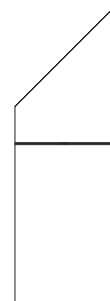
FRONT SLANT
WELDED



ANGLE
TOP



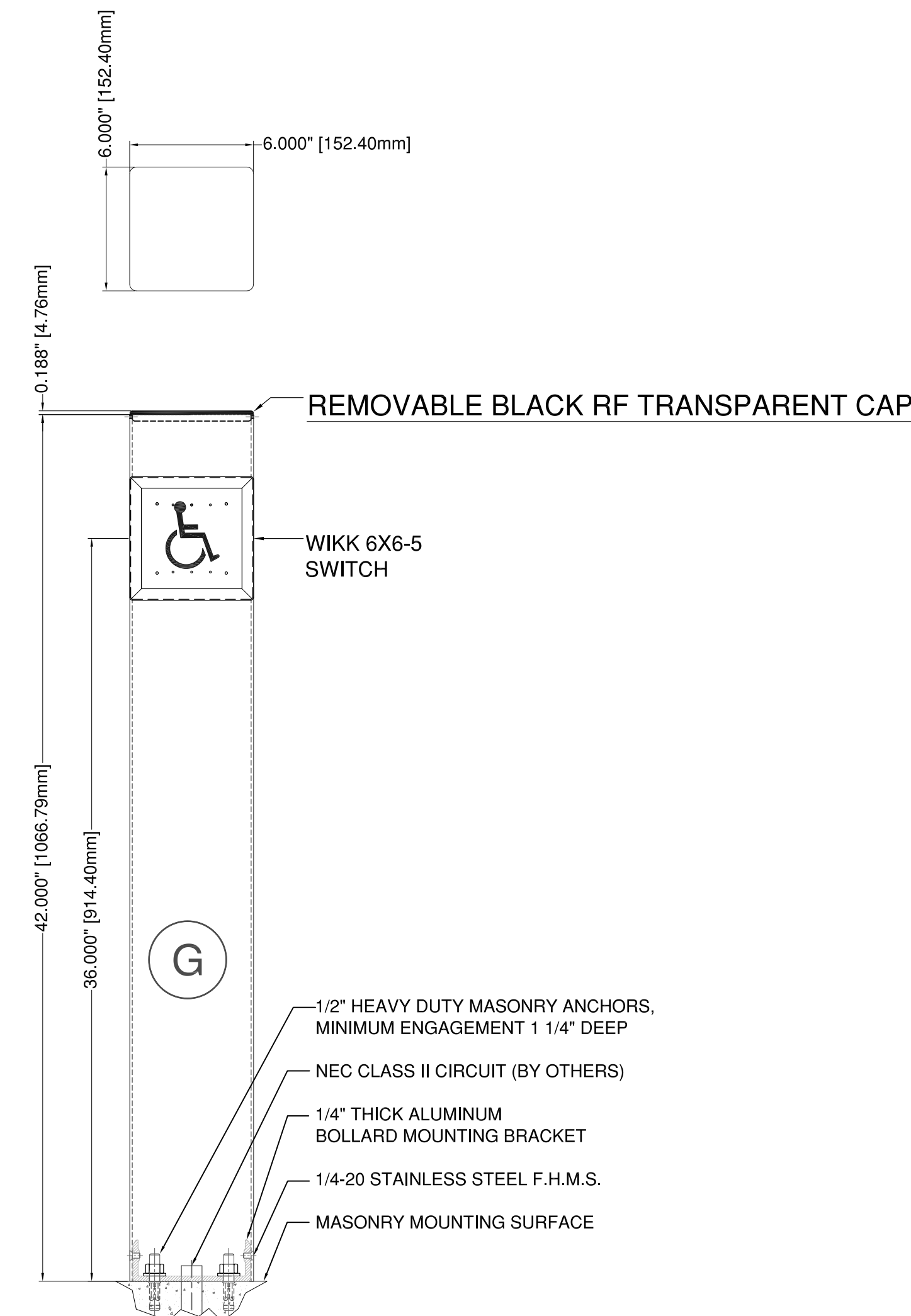
BACK SLANT
WELDED



REMOVABLE
ANGLED TOP



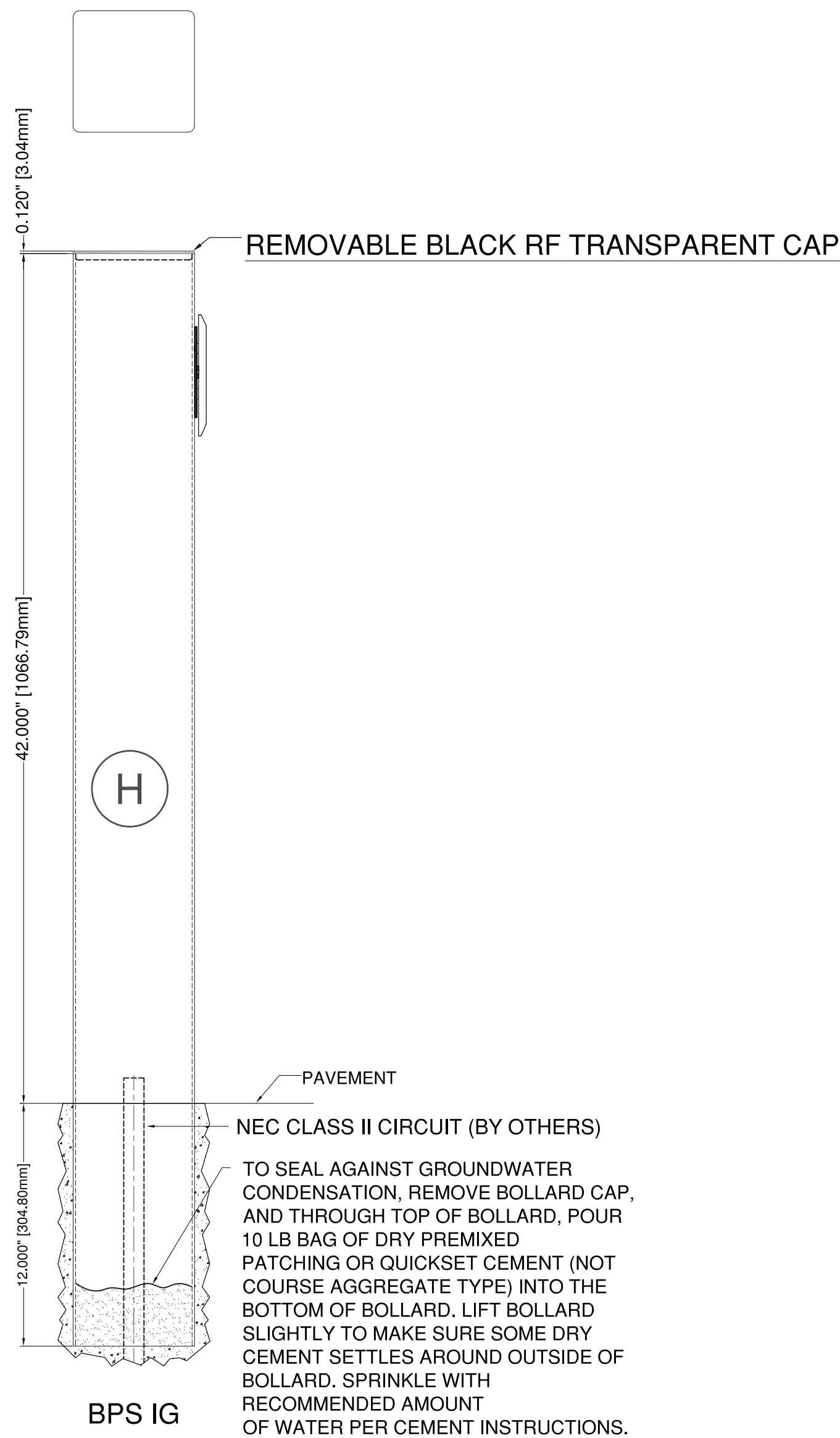
Examples shown are representative of, but not limited to, bollards that can be manufactured.



STANDARD 6" X 6" X 42" SQUARE BOLLARD WITH WIKK 6X6-5 SWITCH AT 36" FROM FINISHED FLOOR AND REMOVABLE RF TRANSPARENT BLACK CAP

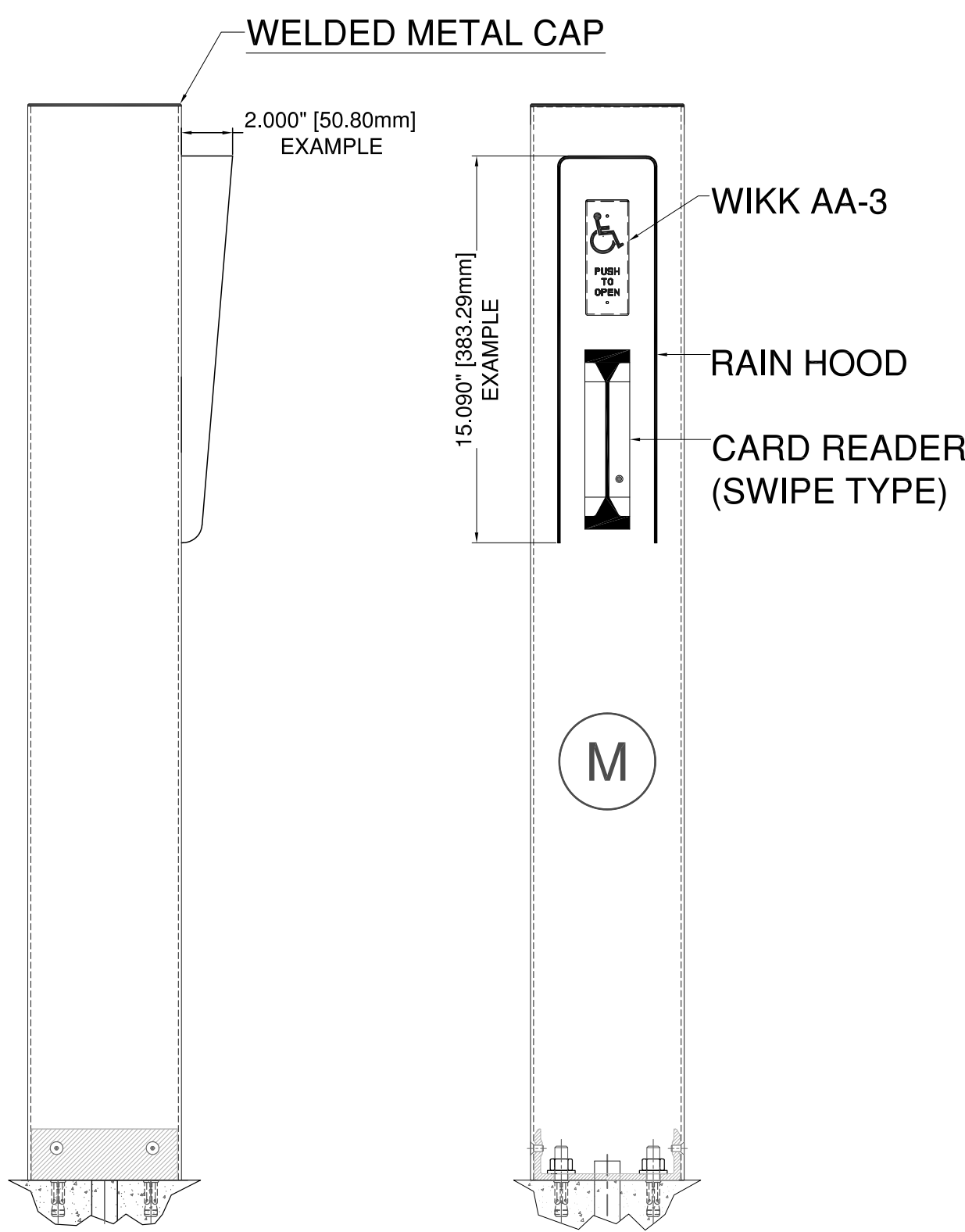
BPSSM

- 6" X 6" X 42"
- SINGLE GANG PREP
- REMOVABLE BLACK RF TRANSPARENT CAP
- SURFACE MOUNT

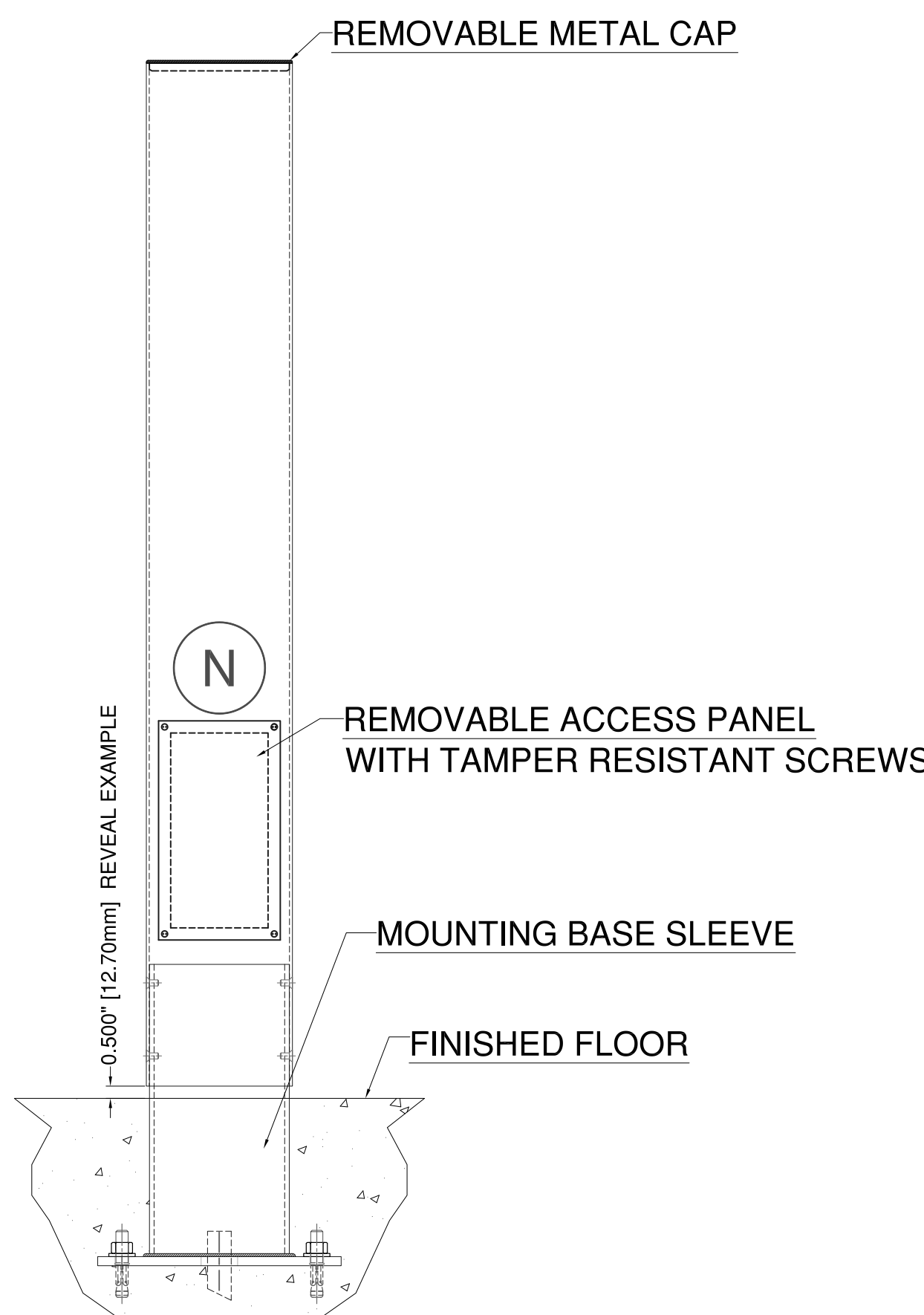


INGROUND OPTION AVAILABLE FOR ALL BOLLARDS

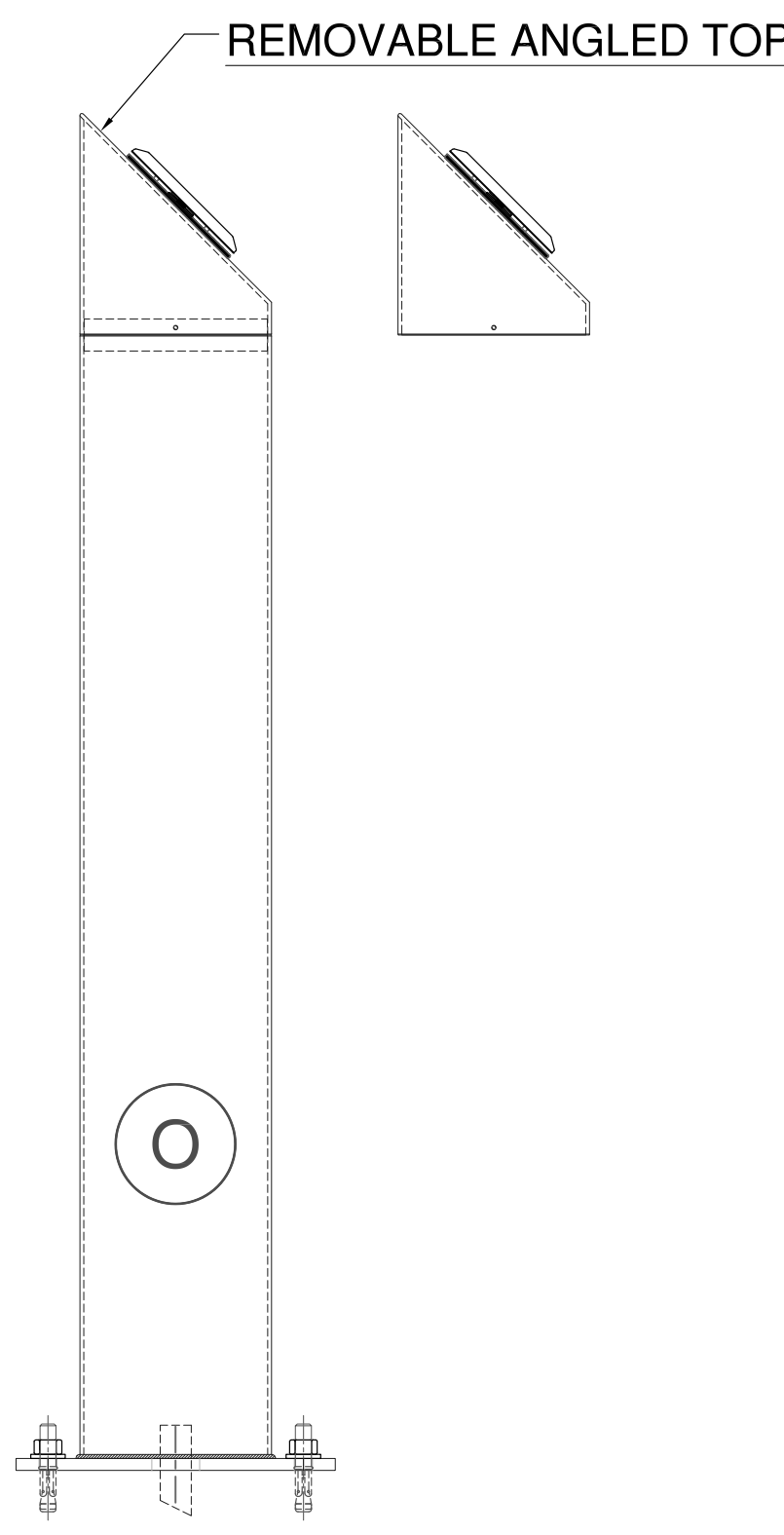
- 6" X 6" X 54"
- SINGLE GANG PREP
- REMOVABLE BLACK RF TRANSPARENT CAP
- 12" INGROUND



- 6" X 6" BOLLARD
- CARD READER AND ADA SWITCH
- RAIN HOOD (SIZE VARIES WITH DEVICES)
- WELDED METAL CAP
- SURFACE MOUNT

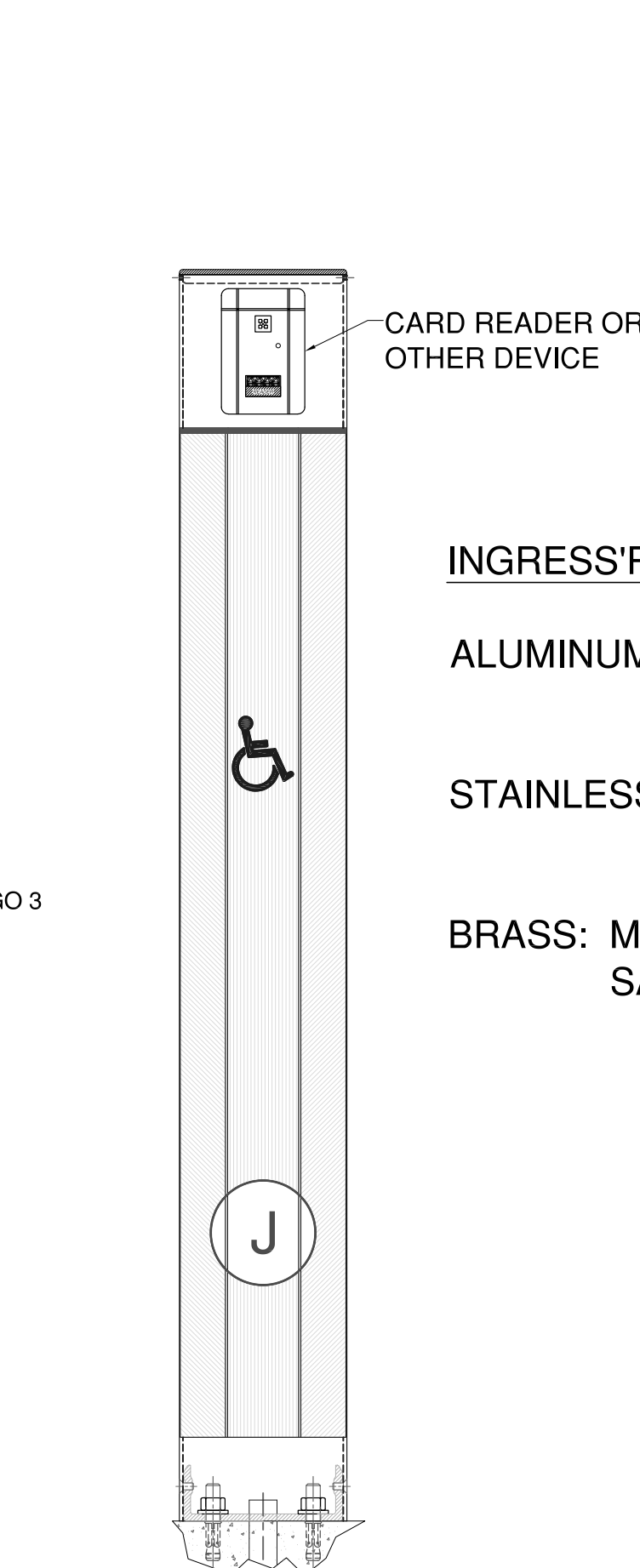


- 6" X 6" BOLLARD
- ACCESS PANEL WITH TAMPER RESISTANT SCREWS
- REMOVABLE METAL CAP
- CONCEALED MOUNTING BASE SLEEVE



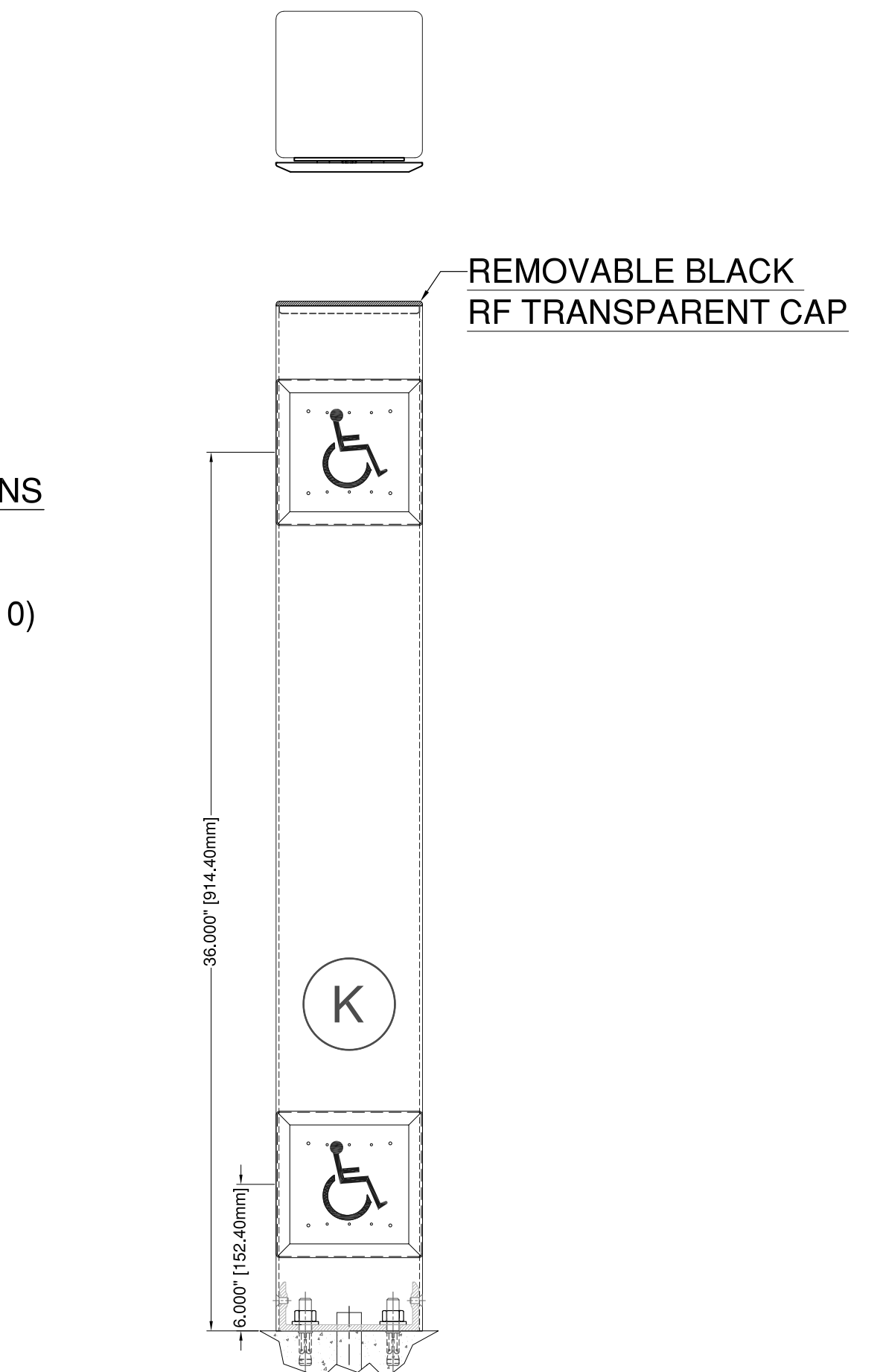
BOLLARD WITH REMOVABLE ANGLE TOP AND WELDED MOUNTING BASEPLATE

- 6" X 6" BOLLARD
- REMOVABLE ANGLED TOP
- SURFACE MOUNT WITH
- WELDED BASEPLATE



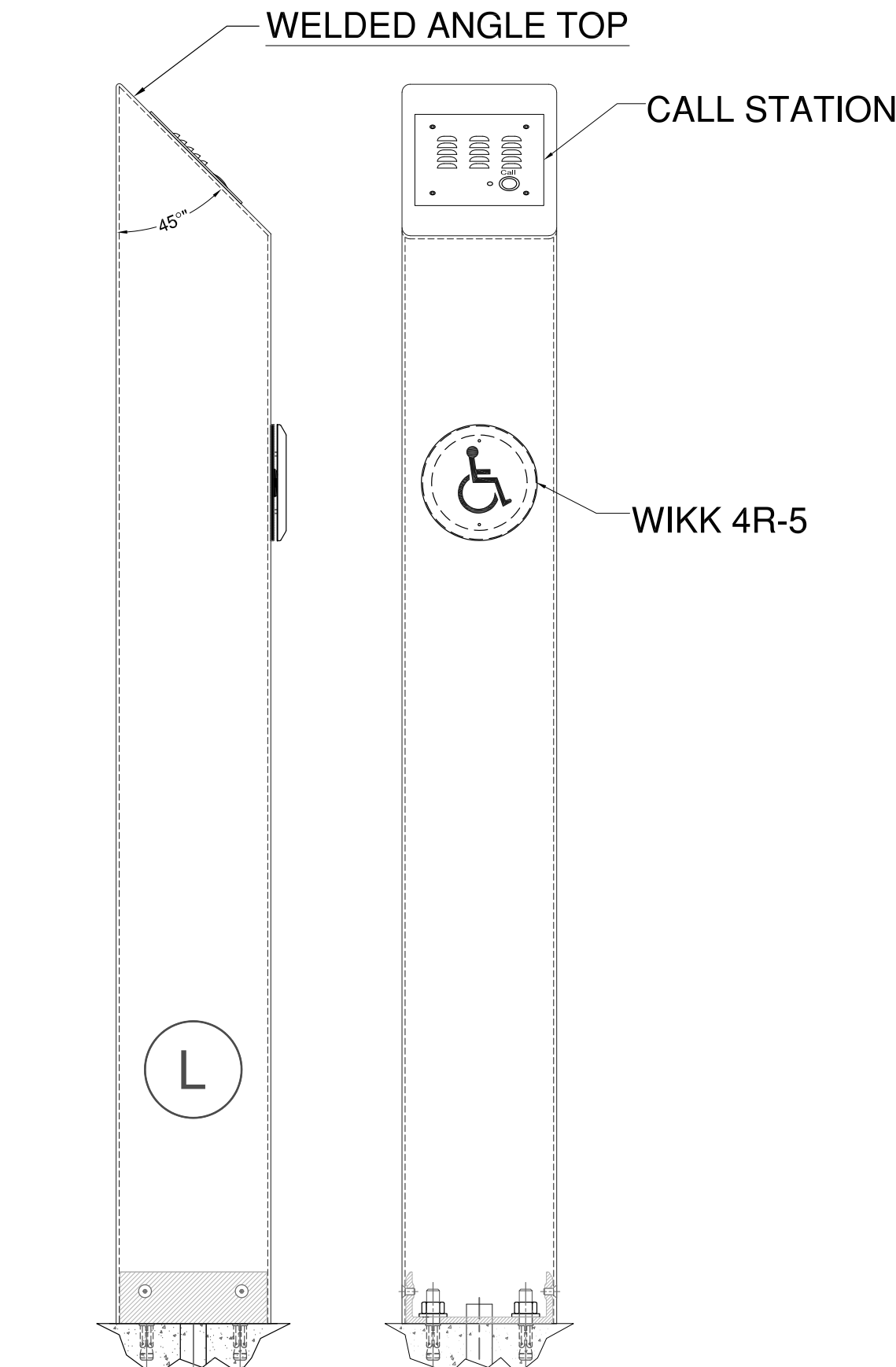
BOLLARD WITH INGRESS'R AND CARD READER

- 6" X 6" X 48"
- INGRESS'R PREP
- PREP FOR CARD READER OR OTHER DEVICE
- REMOVABLE BLACK RF TRANSPARENT CAP
- SURFACE MOUNT



BOLLARD WITH SWITCHES AT 6" AND 36" (HIGH / LOW)

- 6" X 6" X 42"
- HIGH / LOW SWITCHES
- REMOVABLE BLACK RF TRANSPARENT CAP
- SURFACE MOUNT

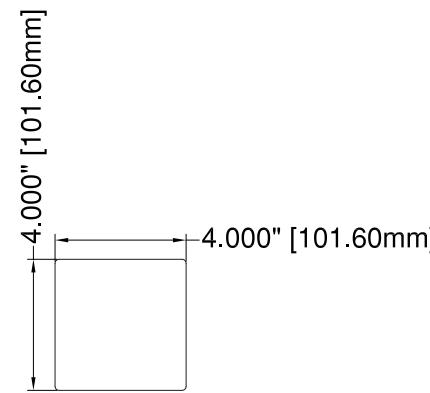


BOLLARD WITH WELDED ANGLE TOP BPA SM

- 6" X 6" X 42"
- SINGLE GANG PREP AND PREP ON ANGLE TOP
- WELDED ANGLE TOP
- SURFACE MOUNT

NON-PRODUCTION DRAWING. NOT FOR FABRICATION. ALL BOLLARD IMAGES ARE FOR EXAMPLE ONLY AND ARE THE PROPERTY OF WIKK INDUSTRIES, INC. AND MAY NOT BE REPRODUCED WITHOUT PERMISSION.

NOTE FOR HELP DESIGNING SPECIALTY BOLLARDS PLEASE REFER TO OUR BOLLARD CHECK LISTS



REMOVABLE BLACK RF TRANSPARENT CAP

CUSTOM ENGRAVING AVAILABLE ON SWITCHES

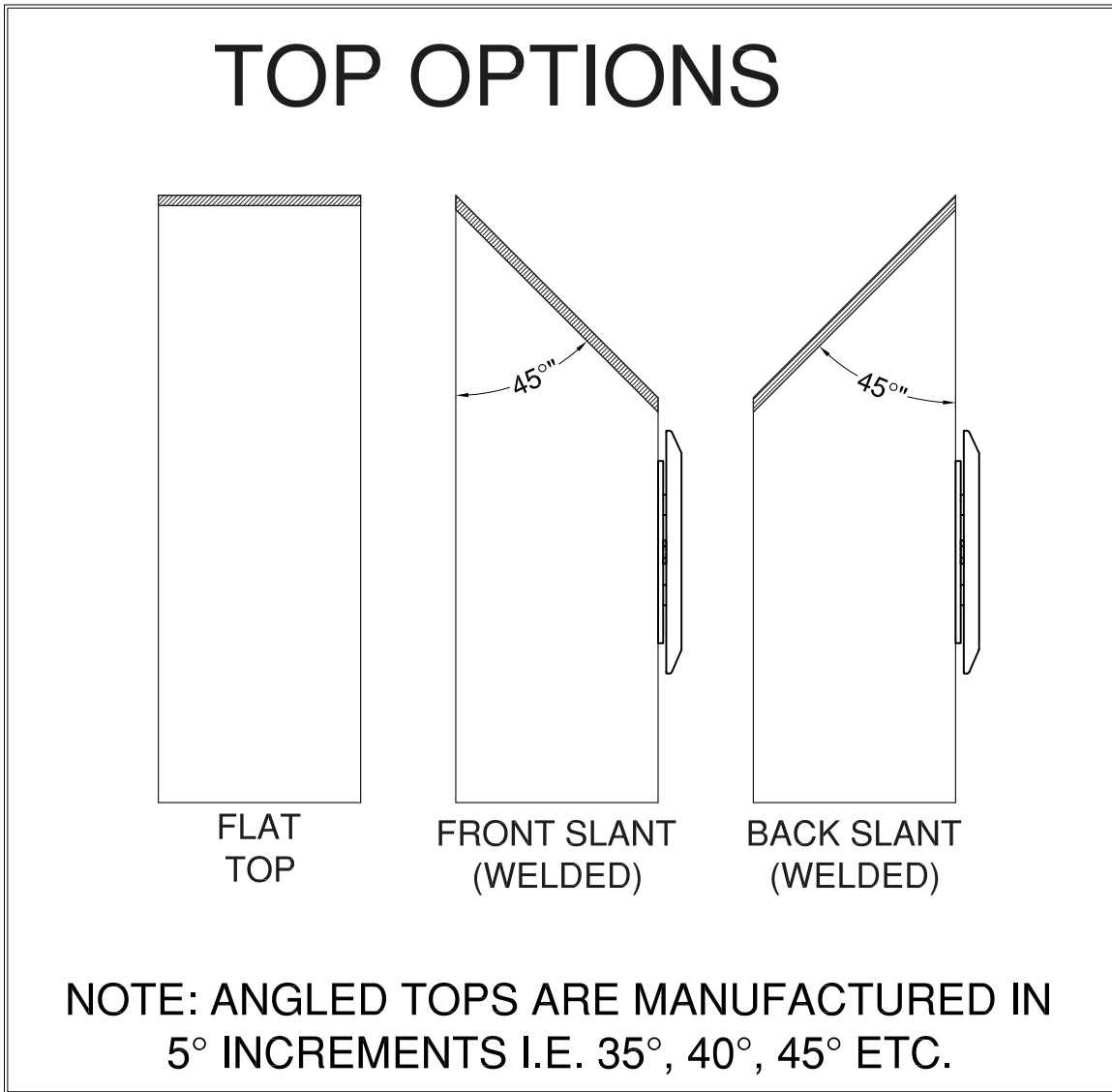
MATERIAL AND FINISH OPTIONS FOR 4X4 BOLLARDS

ALUMINUM: ANODIZED CLEAR (628)
DARK BRONZE (710)
AND MILL FOR PAINTING OR POWDERCOATING BY WIKK OR OTHERS

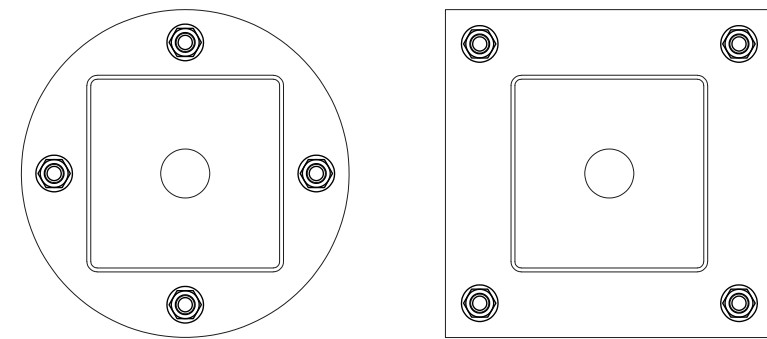
STAINLESS STEEL: US32 MIRROR (629)
US32D SATIN (630)

B4S SM-PREP36

- 4" X 4" BOLLARD
- SINGLE GANG PREP
- REMOVABLE BLACK RF TRANSPARENT CAP
- SURFACE MOUNT



WELDED BASE PLATE OPTIONS

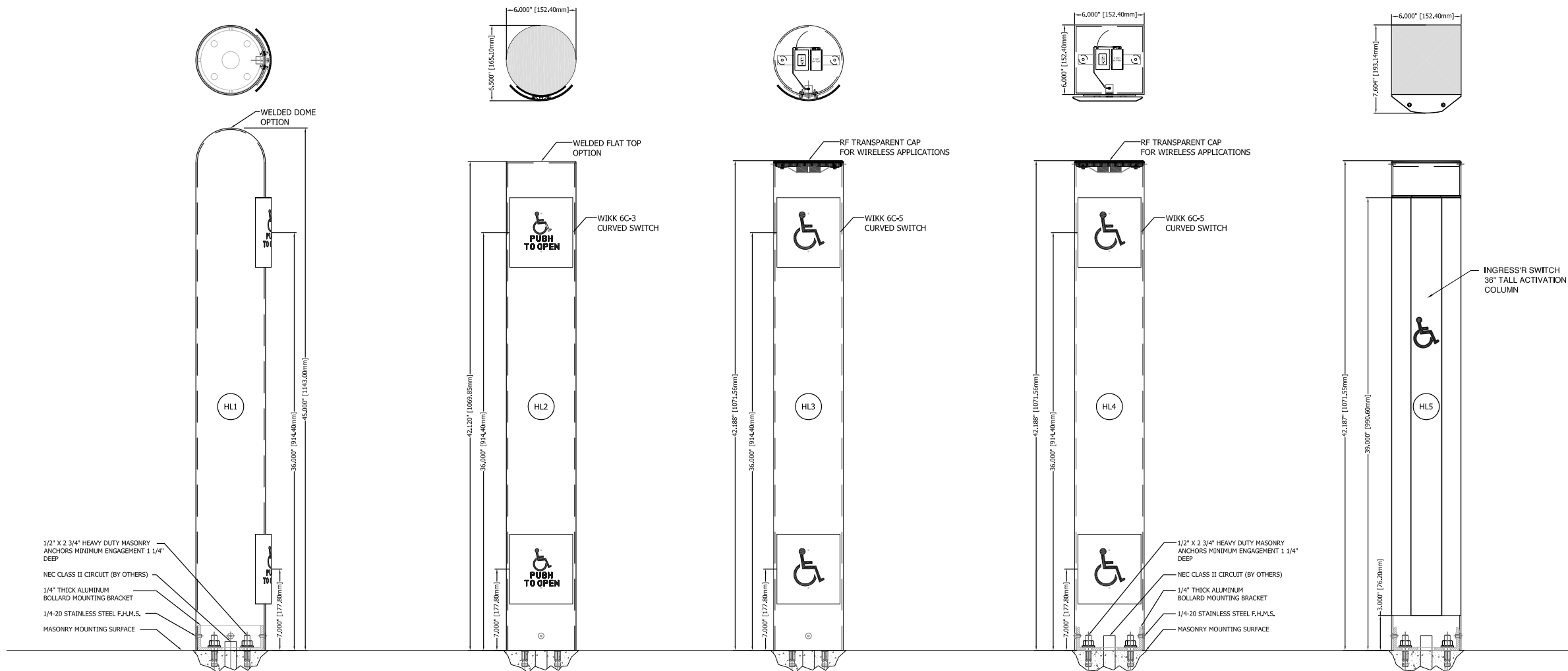


MATERIAL AND FINISH :

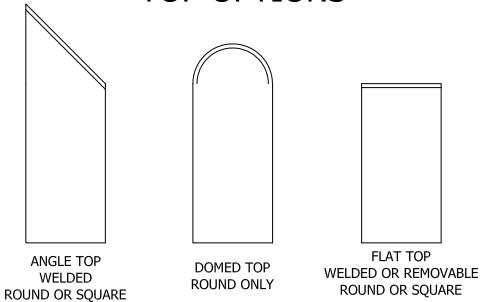
STAINLESS STEEL
#304 ALLOY
US32 MIRROR (629)
US32D SATIN (630)

MILL ALUMINUM
6063 ALLOY
FOR PAINTING OR POWDERCOATING
FINISH BY WIKK OR OTHERS

 simply. accessible.		Wikk Industries, Inc. 6169 Industrial Ct. Greendale,WI 53129-0167 Phone: 877-421-9490 Fax: 877-421-3158	
SCALE N.T.S.	DRAWN BY/DATE JK/07FEB12	CHECKED BY/DATE LK/07FEB12	
TITLE SQUARE BOLLARD COMPOSITE DRAWING			
DRAWING NUMBER BOLLARDS\BOLLARD EXAMPLES\ BOLLARD SPECIAL COMPOSITE DRAWING			
WIKK PART NO. _____			



TOP OPTIONS



BOLLARD CAP OPTIONS

WELDED CAPS:
AVAILABLE IN STAINLESS STEEL OR
MILL ALUMINUM FOR PAINTING OR POWDER COATING .
(NO ANODIZING)

NON WELDED FLAT REMOVABLE CAPS:
AVAILABLE IN BLACK RF TRANSPARENT MATERIAL (STANDARD)
AND STAINLESS STEEL.

BOLLARD INFORMATION

BOLLARD HEIGHTS AVAILABLE BUT NOT LIMITED TO;

STANDARD SURFACE MOUNT (SM) 42"
STANDARD IN GROUND (IG) 54"

CONTACT FACTORY FOR SPECIAL HEIGHTS

AVAILABLE BOLLARD FINISHES:

ALUMINUM:
CLEAR (628), DARK BRONZE (710), LIGHT BRONZE,
BLACK (711) AND MILL, FOR PAINTING OR POWDER
COATING

STAINLESS STEEL:
US32D SATIN (630), US32 MIRROR (629)

NOTE: WELDED ALUMINUM BOLLARDS CAN NOT
BE ANODIZED.



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SCALE	DRAWN BY/DATE	CHECKED BY/DATE	
N.T.S.	JK/09MAR12	LK/09MAR12	
TITLE			
BOLLARD HIGH LOW CURVED SWITCH AND INGRESS'R EXAMPLES			
DRAWING NUMBER			
BOLLARDS\BOLLARD LITERATURE\HIGH LOW SWITCH EXAMPLES REV1			
WIKK PART NO.			
_ _ _ _ _			



SQ6

BPS IG-HI/LO CLEAR



SQ7

BPS SM CLAD US4



SQ11

BPS SM-ING48 DB



SQ12

BPSSM AHOOD 32D



SQ13

BPSSMAHOODH/L 32D



SQ14

BPSSMAHOODAP 32D



SQ15

BPSSMFHOOD 32D



SQ16

BPSSMFHOODAP32D



SQ17

BPSSMFHOOD 32D



SQ18

BPS IG PRP36 PC WT



SQ19

BPSSM36RATPCDK



SQ20

BPS SM-36AP LB



SQ21

B4S SM-PREP36 CLEAR



SQ22

B4FSMPRP36PCCL



SQ23

B3FSMRBPRP3632D



SQ24

BPA IG CSAP32D



SQ25

BPS IG CS 32D



SQ26

BPS1212IGFT32D



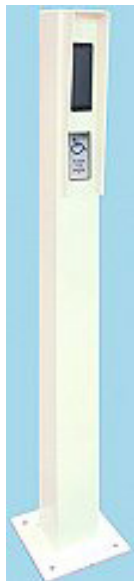
SQ27

B4S SM-PRP3632D



SQ28

B4SIGSBFT32D



SQ29

B4SIGSBFTHPCWT



SQ30

BPSSMATSB32D



SQ31

BPA SM TUBE 32D



SQ32

BPFSMAPL 32D



SQ33

BPS12SMPYLAP 32D



SQ34

BPSSMFHOODPCDB



SQ35

BPS8 SMHLFT32D



SQ36

BPS12SMFTAP32D



SQ37

B4S SM-PRP36 DK

BOLLARD CHECKLIST INSTRUCTION SHEET

STEP 1

Select the bollard size and material.

STEP 2

Select the bollard finish.

STEP 3

Selecting the height / length of the bollard and the type of mounting needed. See page 2 for standard options. For custom lengths please specify on the drawing on page 3 of the worksheet. Custom mounting solutions are also available.

STEP 4

Determine the bollard top option. See page 2 for a list of the available options.

STEP 5

Determine the mounting prep location for the device(s) to be used. See page 2 for a list of the standard available options.

STEP 6

Determine the number of device preps needed as well as the type of preps needed. See page 2 for standard preps and page 3 for examples.

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STEP 7

Decide on the quantity needed.



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www.wikk.com

STEP 1

ROUND BOLLARD CHECK LIST

STEP 4

DIMENSIONS AND MATERIALS

- ☐ 4" x .120" ☐ S.S. 304 ☐ MILL ALUMINUM
☐ 5" X .120" ☐ MILL ALUMINUM ONLY
☐ 6" X .156" ☐ ALUMINUM
☐ 6" X .125" ☐ S.S. 304 ☐ S.S. 316
☐ 8" X .125" ☐ S.S. 304 ☐ MILL ALUMINUM
☐ 10.75" X .365" ☐ S.S. 304

BOLLARD TOP OPTION

- ☐ REMOVABLE BLACK ABS 6" ONLY
NOTE: REMOVABLE CAP IS NOT WEATHER TIGHT. APPLY SILICONE CAULK FOR OUTDOOR USE.
☐ WELDED DOMED TOP
☐ WELDED FLAT
☐ WELDED ANGLED TOWARDS FRONT
☐ WELDED ANGLED TOWARDS BACK

* NOTE * Specify the degree of the angle. 45 degrees is standard but other angles are available in 5 degree increments i.e. 30, 35, 40, etc.

STEP 2

FINISHES**STAINLESS STEEL**

- ☐ US32D SATIN POLISHED (630)
☐ US32 MIRROR POLISHED (629)

ANODIZED ALUMINUM (AVAILABLE ON 6" ROUND ONLY)

- ☐ CLEAR (628) ☐ DARK BRONZE (710)
☐ BLACK (711) ☐ CUSTOM ANODIZING

MILL ALUMINUM

- ☐ POWDER COATED - SPECIFY COLOR CODE _____
☐ PAINTED - SPECIFY COLOR CODE _____
 MANUFACTURER OF COLOR CODE _____

* NOTE *

Any aluminum bollard needing welding i.e. angle tops, welded flat tops, or welded inserts will need to be powder coated or painted.

See color chart on our website @ www.wikk.com

PREP LOCATION

- ☐ FRONT ☐ BACK
☐ LEFT HAND SIDE ☐ RIGHT HAND SIDE
 (as viewed from the front)
☐ ON ANGLED TOP

STEP 5

PREPS

- ☐ NUMBER OF PREPS NEEDED _____

TYPES OF PREPS

- ☐ SINGLE GANG (FOR WIKK'S 6C-3WR AND 6C-5WR CURVED SWITCHES)
☐ WELDED RECESSED INSERT (FOR FLAT DEVICES)
☐ REMOVABLE ACCESS PANELS (FOR RECESSED INSERTS)
☐ DOUBLE GANG
☐ WIKK'S AA PREP
☐ CARD READER (SPECIFY MAKE, MODEL, AND SUPPLY MOUNTING TEMPLATE)

STEP 6

STEP 3

LENGTH OF BOLLARD/MOUNTING

- ☐ 42" SURFACE MOUNT (STANDARD ALUMINUM BRACKET)
☐ 54" IN GROUND
☐ WELDED ROUND MOUNTING BASE
☐ OTHER (SPECIFY ON DRAWING)

- ☐ OTHER (SPECIFY TYPE i.e. holes, reveals etc.)

PREP HEIGHTS AND SPECIAL NOTES

NOTE: PRODUCT AVAILABILITY IS SUBJECT TO CHANGE

STEP 7

Please contact us if what you are looking for is not listed on this sheet



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 Greendale, WI 53129
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QUANTITY: _____

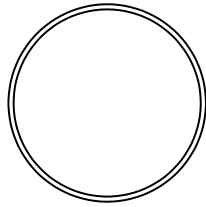


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ROUND BOLLARD

STEP 2

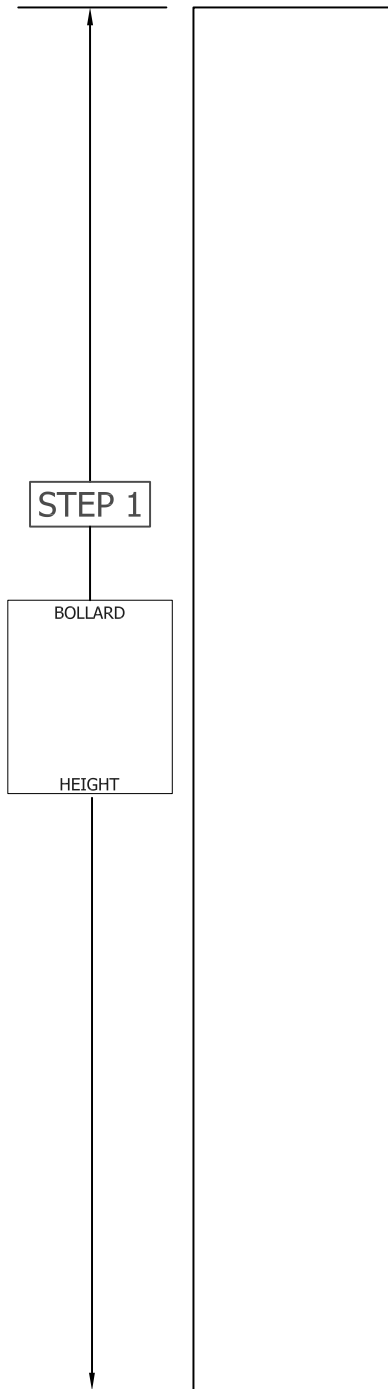
SIZE



STEP 1

BOLLARD

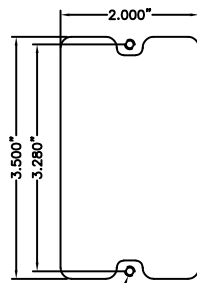
HEIGHT



STEP 3

STANDARD PREPS

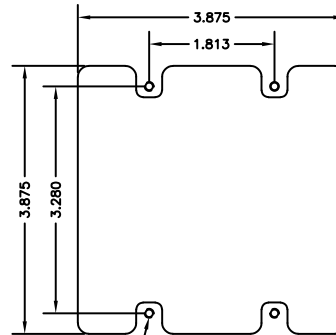
SINGLE GANG MOUNT



(2) #6-32 TAPPED HOLES



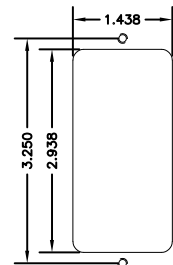
DOUBLE GANG MOUNT



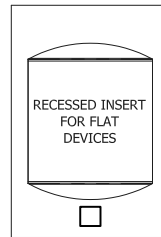
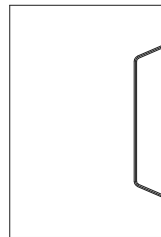
(4) #6-32 TAPPED HOLES



WIKK AA PREP
(narrow)



(2) #6-32 TAPPED HOLES



RECESSED INSERT
FOR FLAT
DEVICES

NOTE: INSERT SIZE CAN BE ADJUSTED TO
ACCOMMODATE VARIOUS DEVICES

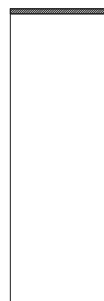
NOTE: ADA Law states that all door controls be within 34" to 48" from the finished floor.

Please check your state codes when considering your design.

PREP HEIGHT
(FROM FINISHED FLOOR)

STEP 4

TOP OPTIONS



FLAT
TOP



ANGLE
TOP



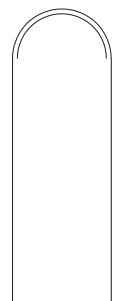
FRONT SLANT
(WELDED)



ANGLE
TOP



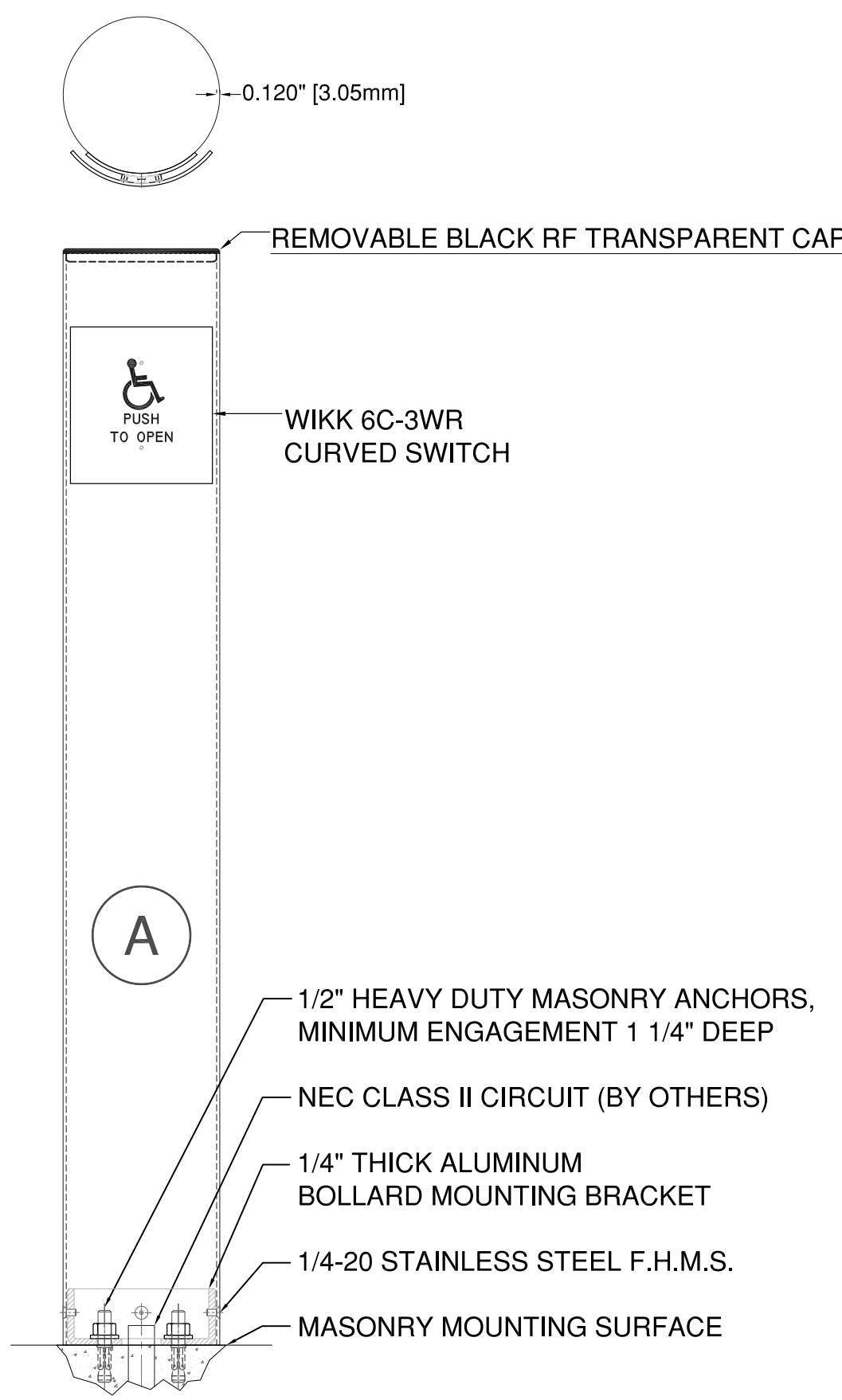
BACK SLANT
(WELDED)



DOMED
TOP



(WELDED)



STANDARD 6" X 42" ROUND BOLLARD WITH WIKK 6C-3WR OR 6C-5WR CURVED SWITCH AT 36" FROM FINISHED FLOOR AND REMOVABLE RF TRANSPARENT BLACK CAP

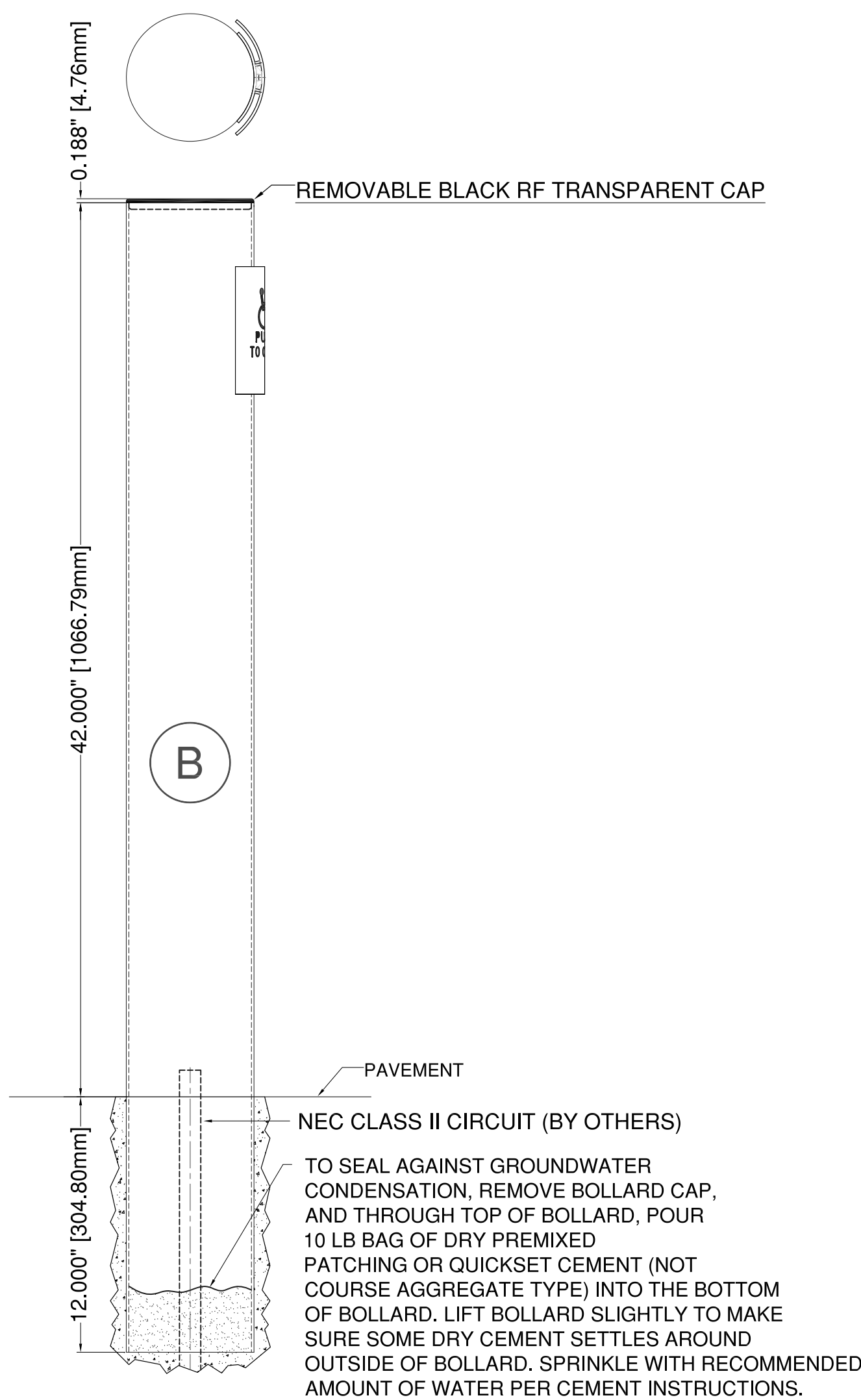
BPR SM

- 6" ROUND X 42"
- SINGLE GANG PREP FOR 6C-3WR OR 6C-5WR
- REMOVABLE BLACK RF TRANSPARENT CAP
- SURFACE MOUNT

AVAILABLE FINISHES:

STAINLESS STEEL MIRROR (629 US32)
SATIN (630 US32D)

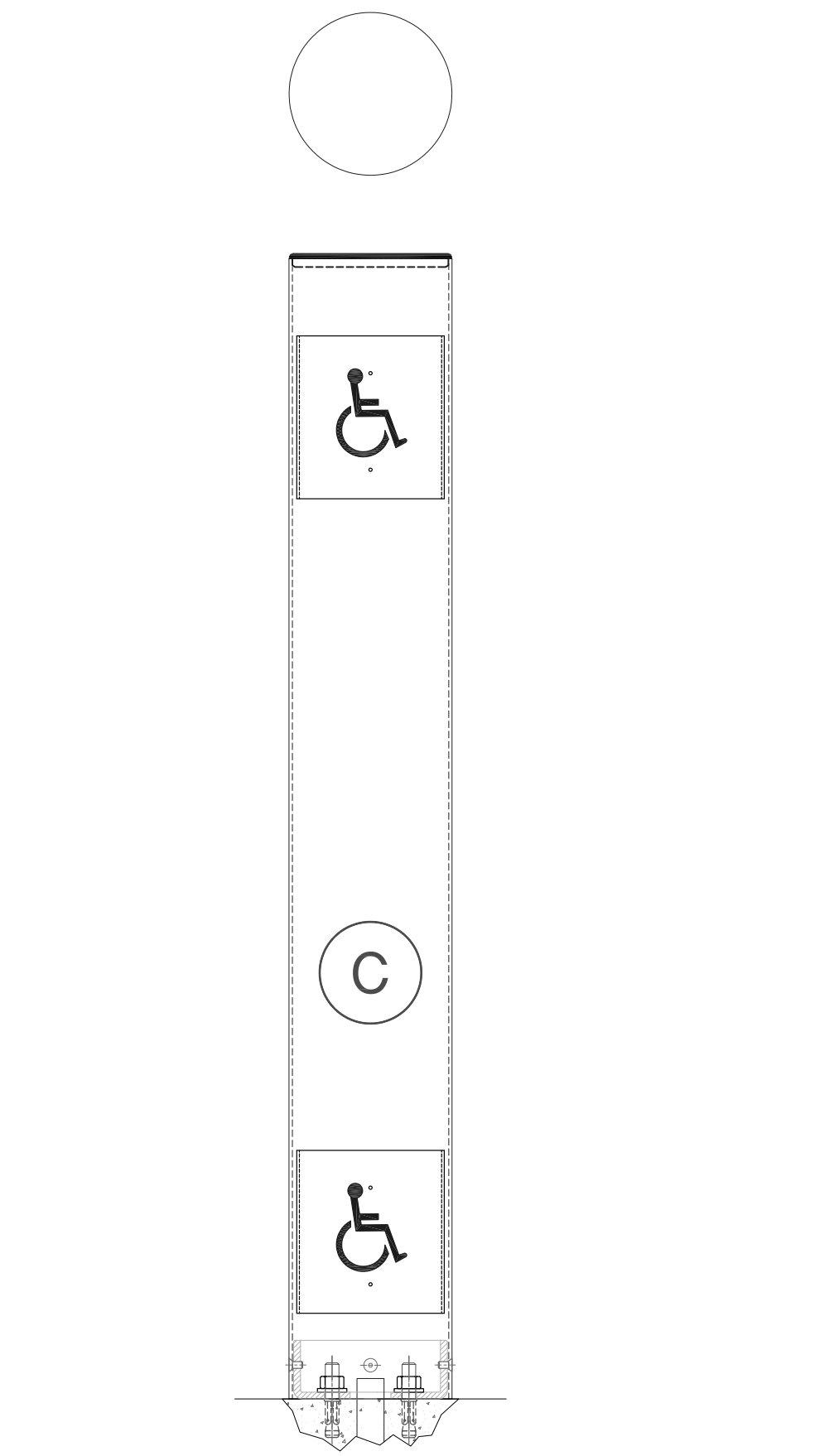
ALUMINUM CLEAR (628)
DARK BRONZE (710)
BLACK (711)
MILL FOR PAINTING OR
POWDERCOATING



BPR IG

INGROUND OPTION AVAILABLE FOR ALL BOLLARDS

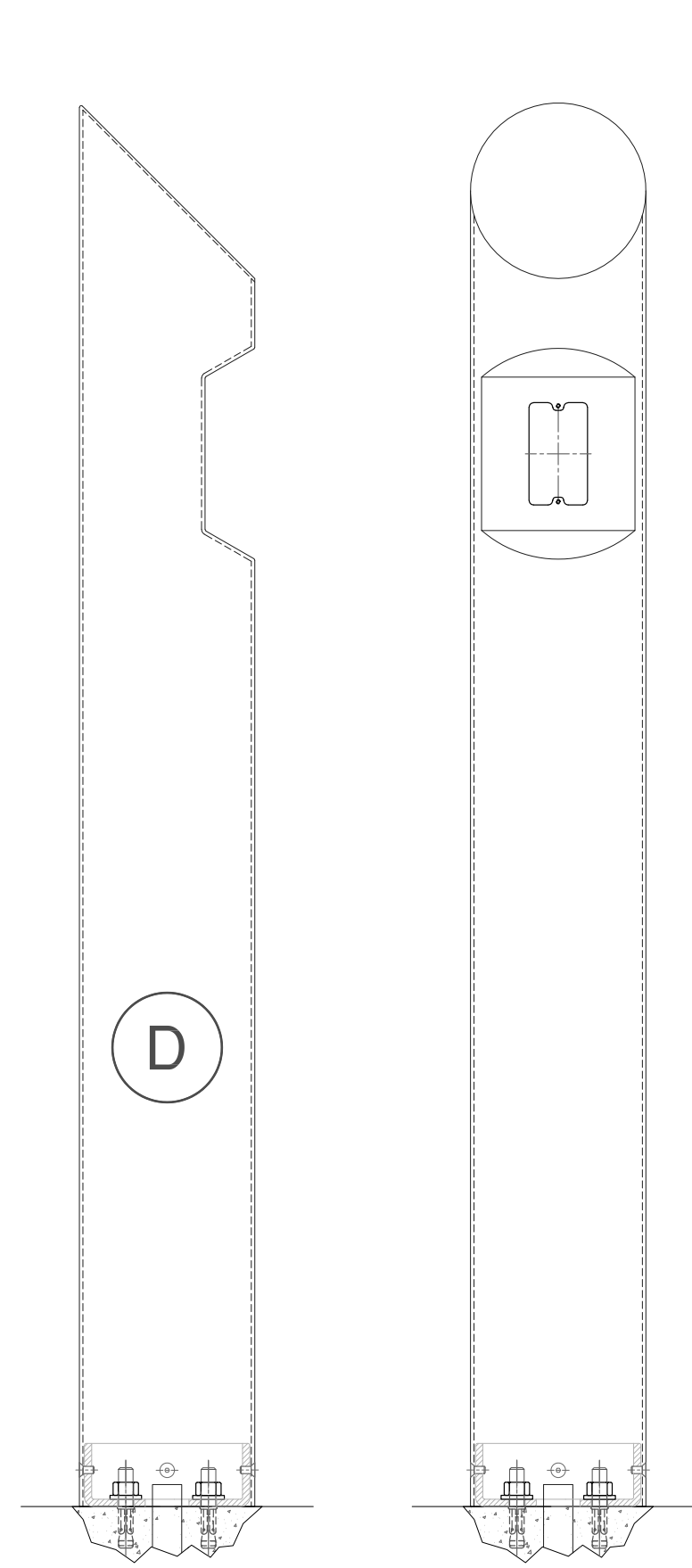
- 6" ROUND X 54"
- SINGLE GANG PREP FOR 6C-3WR OR 6C-5WR
- REMOVABLE BLACK RF TRANSPARENT CAP
- 12" INGROUND



HIGH / LOW 6" X 42" ROUND BOLLARD WITH WIKK 6C-5WR CURVED SWITCH AT 6" AND 36" FROM FINISHED FLOOR AND REMOVABLE RF TRANSPARENT BLACK CAP

BPR SM HI/LO

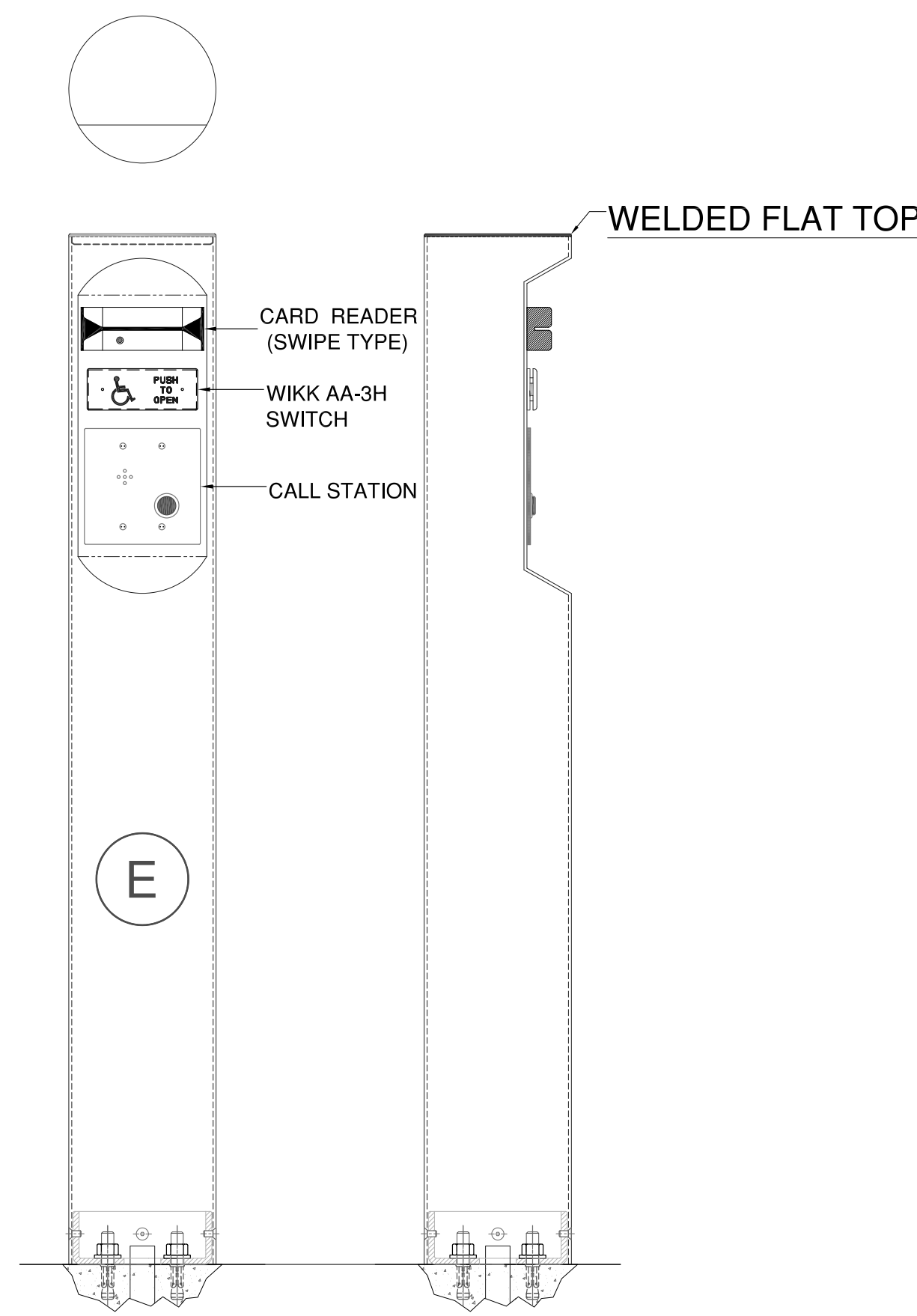
- 6" ROUND X 42"
- SINGLE GANG PREP AT 6" AND 36" FROM FINISHED FLOOR FOR 6C-5WR OR 6C-3WR
- REMOVABLE BLACK RF TRANSPARENT CAP
- SURFACE MOUNT



ROUND 6" BOLLARD WITH ANGLED TOP AND RECESSED INSERT AREA FOR FLAT DEVICES

BPR SM AINS

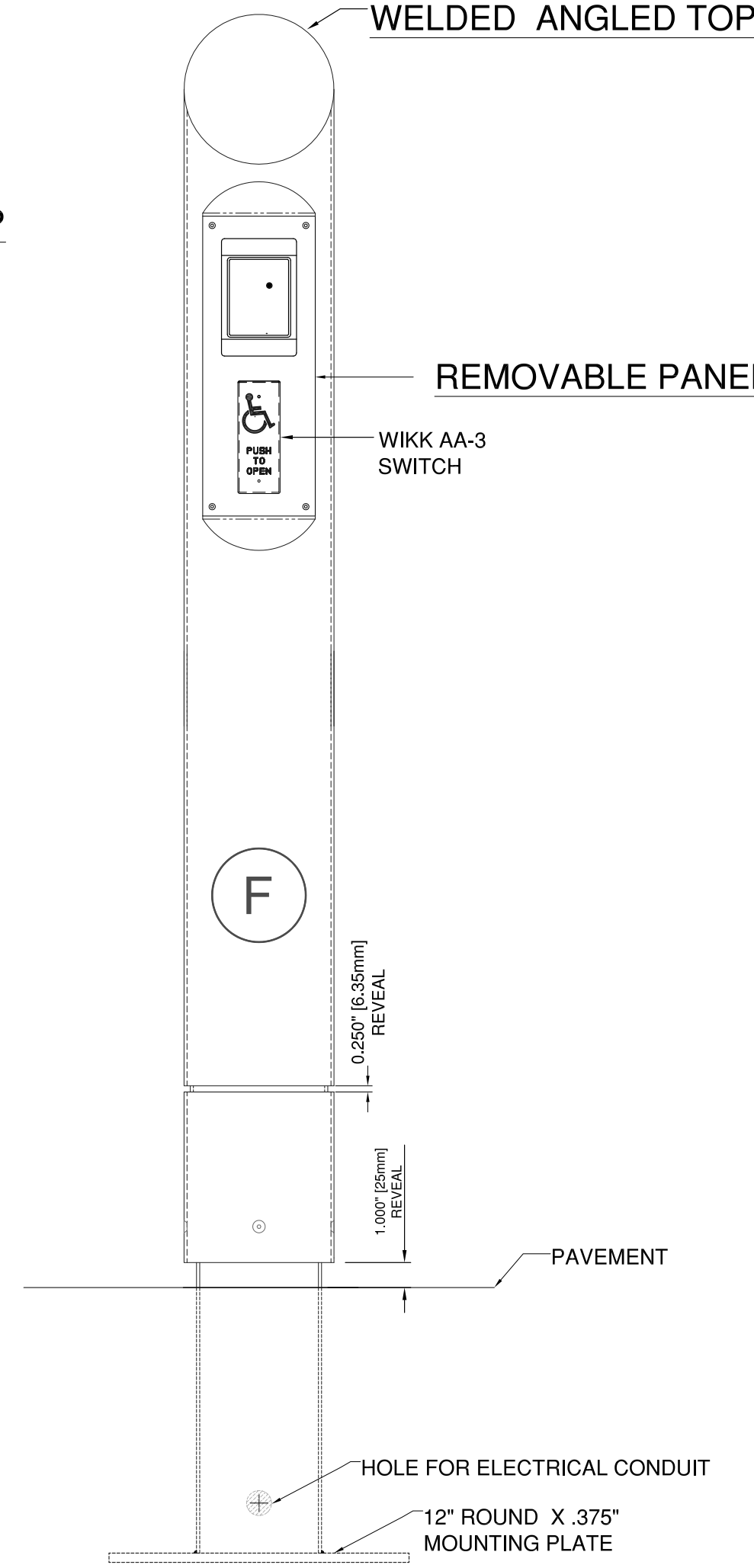
- 6" ROUND X 48.625" STANDARD
- RECESSED INSERT AREA FOR FLAT DEVICES
- WELDED ANGLED TOP
- SURFACE MOUNT



ROUND 6" BOLLARD WITH RECESSED INSERT AREA FOR FLAT DEVICES

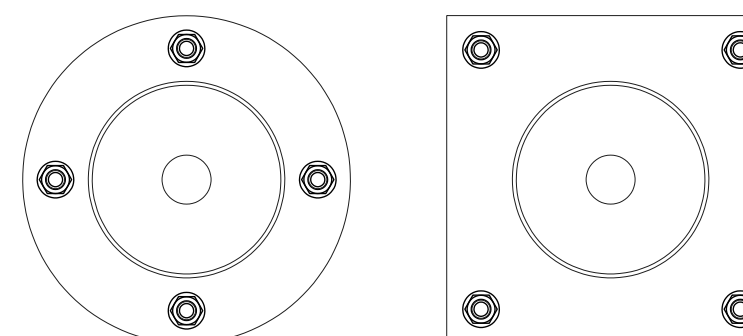
BPRSM FINS

- 6" ROUND
- RECESSED INSERT AREA FOR FLAT DEVICES
- WELDED FLAT TOP
- SURFACE MOUNT



- 6" ROUND
- RECESSED INSERT AREA FOR FLAT DEVICES
- REMOVABLE ACCESS PANEL
- WELDED ANGLE TOP
- .250" AND 1" REVEALS
- INSERT MOUNTING SLEEVE
- ROUND MOUNTING PLATE

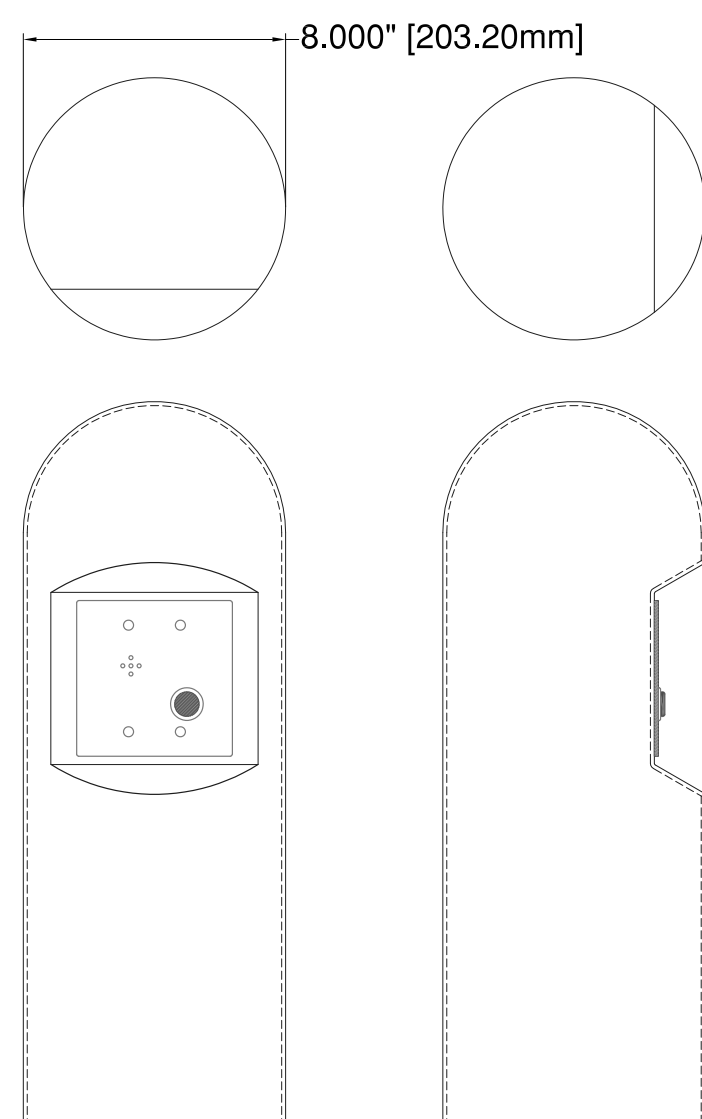
WELDED BASE PLATE OPTIONS



MATERIAL AND FINISH :

STAINLESS STEEL
#304 OR #316 ALLOY
US32 MIRROR (629)
US32D SATIN (630)

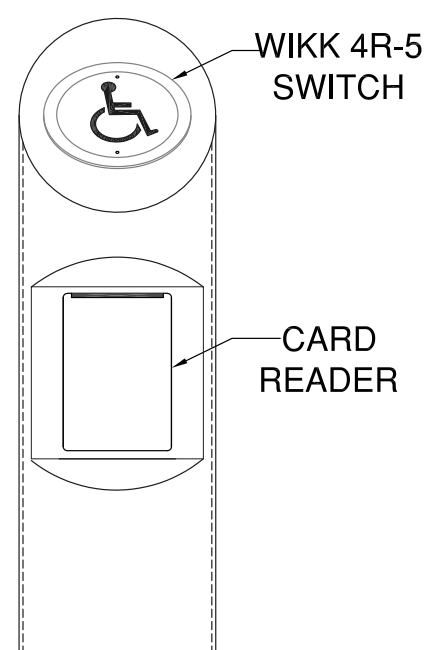
MILL ALUMINUM
6063 ALLOY
FOR PAINTING OR POWDERCOATING
FINISH BY WIKK OR OTHERS



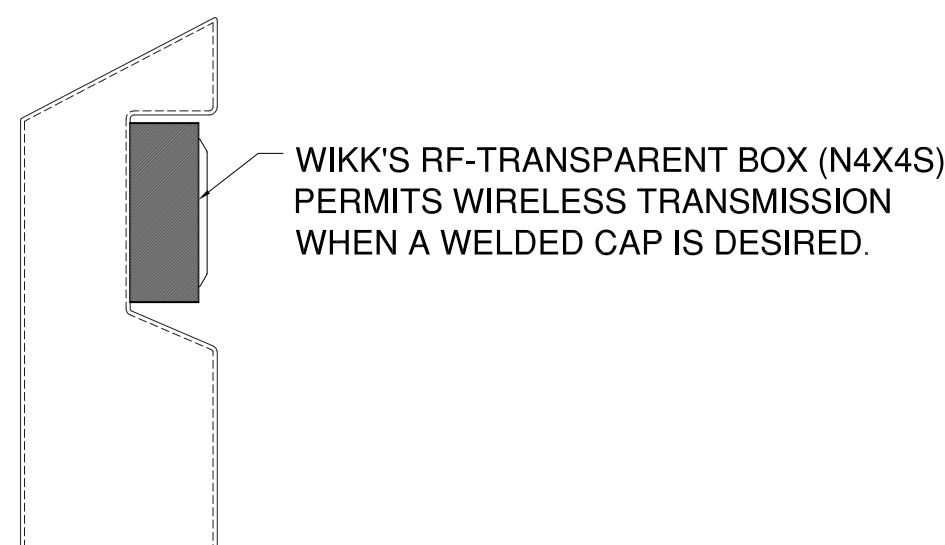
- 8" ROUND (STAINLESS STEEL)
- RECESSED INSERT AREA FOR FLAT DEVICES
- WELDED DOMED TOP

AVAILABLE IN 6" ROUND STANDARD

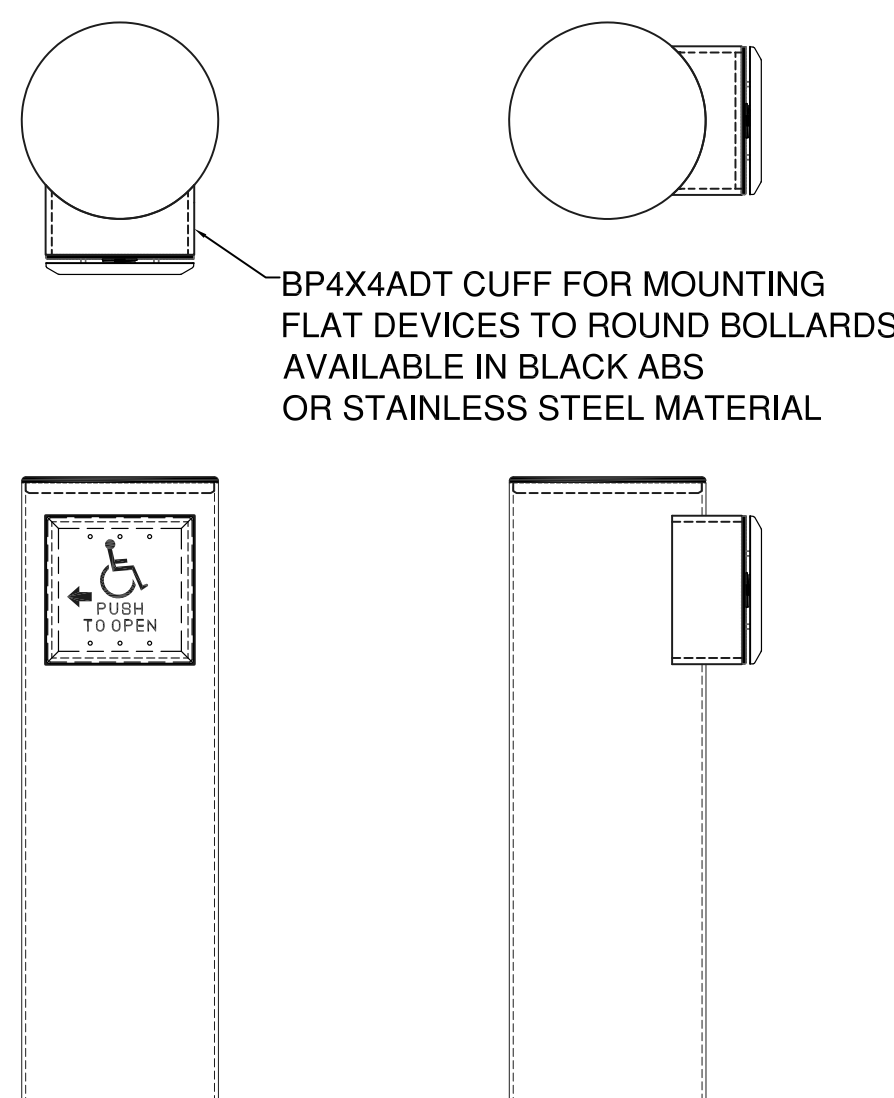
WELDED
ANGLED TOP
WITH SURFACE
MOUNTED
SWITCH



- 6" ROUND
- SINGLE GANG PREP ON WELDED ANGLED TOP
- RECESSED AREA FOR FLAT DEVICES



- 6" ROUND
- RECESSED INSERT AREA FOR WIKK
- N4X4S SURFACE MOUNTED BOX

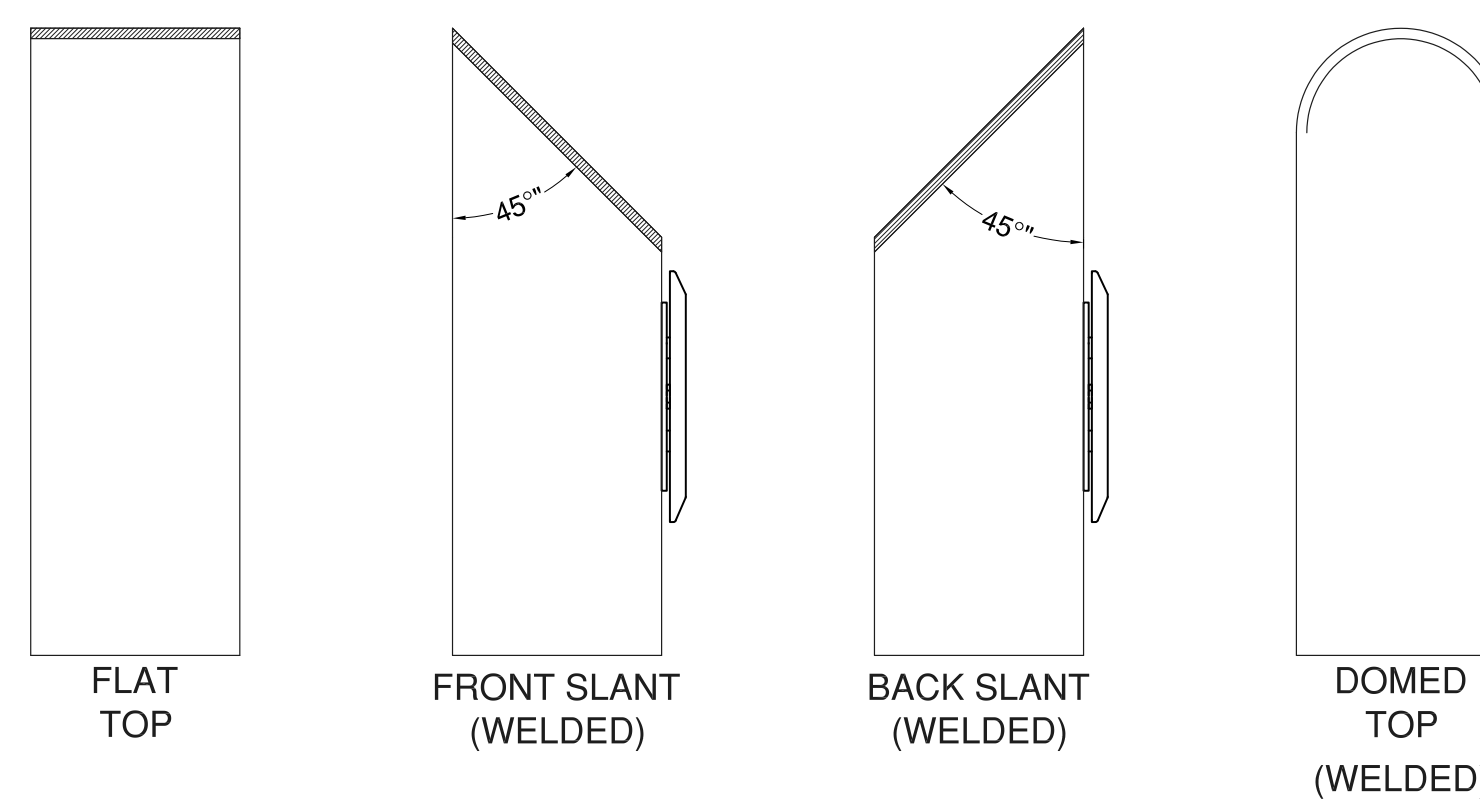


- 6" ROUND
- SINGLE GANG PREP FOR WIKK BP4X4ADT CUFF MADE FOR 4-1/2" X4-1/2" SWITCHES

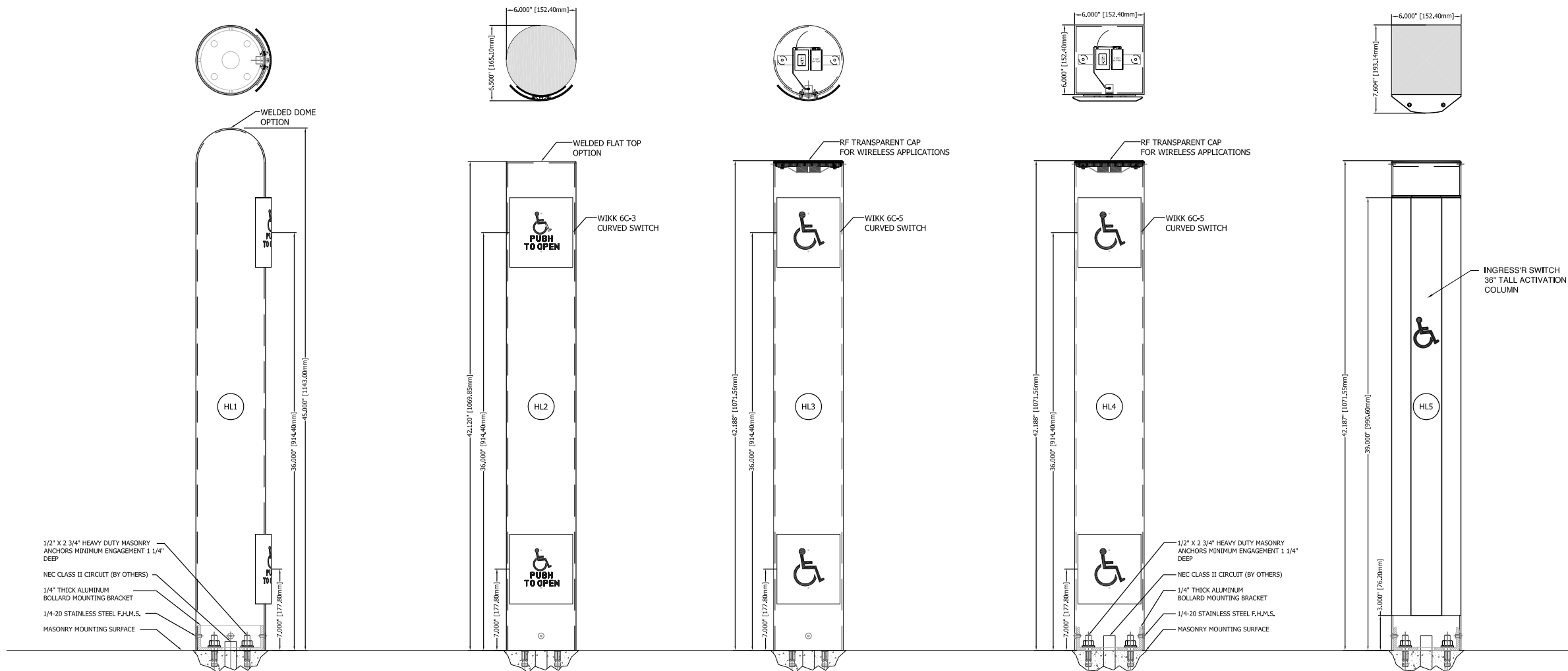
Examples shown are representative of, but not limited to, bollards that can be manufactured.

NOTE FOR HELP DESIGNING SPECIALTY BOLLARDS
PLEASE REFER TO OUR BOLLARD CHECK LISTS

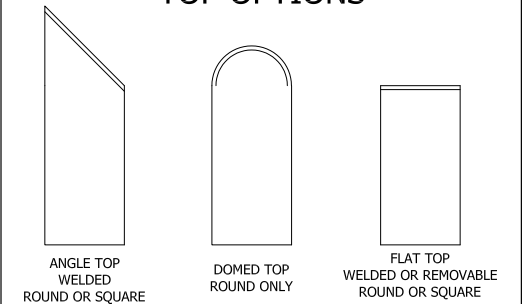
TOP OPTIONS



NOTE: ANGLED TOPS ARE MANUFACTURED IN 5° INCREMENTS I.E. 35°, 40°, 45° ETC.



TOP OPTIONS



BOLLARD CAP OPTIONS

WELDED CAPS:
AVAILABLE IN STAINLESS STEEL OR
MILL ALUMINUM FOR PAINTING OR POWDER COATING .
(NO ANODIZING)

NON WELDED FLAT REMOVABLE CAPS:
AVAILABLE IN BLACK RF TRANSPARENT MATERIAL (STANDARD)
AND STAINLESS STEEL.

BOLLARD INFORMATION

BOLLARD HEIGHTS AVAILABLE BUT NOT LIMITED TO;

STANDARD SURFACE MOUNT (SM) 42"
STANDARD IN GROUND (IG) 54"

CONTACT FACTORY FOR SPECIAL HEIGHTS

AVAILABLE BOLLARD FINISHES:

ALUMINUM:
CLEAR (628), DARK BRONZE (710), LIGHT BRONZE,
BLACK (711) AND MILL, FOR PAINTING OR POWDER
COATING

STAINLESS STEEL:
US32D SATIN (630), US32 MIRROR (629)

NOTE: WELDED ALUMINUM BOLLARDS CAN NOT
BE ANODIZED.



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simply. accessible.		
SCALE	DRAWN BY/DATE	CHECKED BY/DATE
N.T.S.	JK/09MAR12	LK/09MAR12
TITLE		
BOLLARD HIGH LOW CURVED SWITCH AND INGRESS'R EXAMPLES		
DRAWING NUMBER		
BOLLARDS\BOLLARD LITERATURE\HIGH LOW SWITCH EXAMPLES REV1		
WIKK PART NO.		

Sample Custom Bollards ROUND

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RD2

BPR SM US32



RD3

BPFSMPREP36PCCL



RD4

BPR SM-AINS 32D



RD5

BPR SMMAINHL 32D



RD6

BPFSMSBINAP 32D



RD7

BPFIGCSINAPR 32D



RD8

BPF SMINAPR 32D



RD9

BPDSMPREP36PCCL

Sample Custom Bollards ROUND

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RD10

BPDSMPREP36 PTDB



RD11

BPD6SMING PCRED



RD12

BPD6 SM INR US32



RD13

BPD8SMRBINS32D



RD14

BPR8 SM AINS32D



RD15

BPR8SMRBAINAP32D



RD16

BPR10.75AINS32D



RD17

BPR8SMAINSPCDB

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RD18

BPR8SMAINHL32D



RD19

BP8 SM FINS 32D



RD20

BPR SM-AINS PCDK



RD21

BPD SM-FINS 32D



RD22

BPD SM INS 32D



RD23

BPF SM-RND 32D

BOLLARD CHECKLIST INSTRUCTION SHEET

STEP 1

Select the bollard size and material.

STEP 2

Select the bollard finish.

STEP 3

Selecting the height / length of the bollard and the type of mounting needed. See page 2 for standard options. For custom lengths please specify on the drawing on page 3 of the worksheet. Custom mounting solutions are also available.

STEP 4

Determine the bollard top option. See page 2 for a list of the available options.

STEP 5

Determine the mounting prep location for the device(s) to be used. See page 2 for a list of the standard available options.

STEP 6

Determine the number of device preps needed as well as the type of preps needed. See page 2 for standard preps and page 3 for examples.

NOTE: At the time of quoting / ordering bollards please supply all device information (make, model, as well as mounting templates) to Wikk.

****ADA Law states that all door controls be within 34" to 48" from the finished floor. Please check your state codes when considering your design.****

Security device manufacturers do not always make their installation details readily available online, some templates are only provided with the devices. It may be necessary to provide Wikk with an actual device to ensure correct mounting preps. All devices will be returned with your order.

All information supplied to Wikk regarding security devices will be kept confidential.

STEP 7

Decide on the quantity needed.



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www.wikk.com

STEP 1

RECTANGULAR BOLLARD CHECK LIST

STEP 4

DIMENSIONS AND MATERIALS

- ☐ 2" X 6" X .120" 304 STAINLESS
- ☐ 3" X 6" X .180" 304 STAINLESS
- ☐ 4" X 6" X .120" 304 STAINLESS
- ☐ 4" X 6" X .120" 6063 ALUMINUM**
- ☐ 4" X 8" X .250" 304 STAINLESS
- ☐ 6" X 8" X .188" ☐ STAINLESS** ☐ ALUMINUM**
- ☐ 6" X 12" X .188" ☐ STAINLESS** ☐ ALUMINUM**
- ☐ 9" X 12" X .188" ☐ STAINLESS** ☐ ALUMINUM**

** BOLLARDS ARE FORMED AND WELDED. FOR POWDER COATING AND PAINTING ONLY.

NOTE: Product availability is subject to change.

BOLLARD TOP OPTION

- ☐ WELDED FLAT
- ☐ WELDED ANGLE TOWARDS FRONT
- ☐ WELDED ANGLE TOWARDS BACK

NOTE: For angled top, specify the degree of the angle. 45 degrees is standard but other angles are available in 5 degree increments i.e. 30, 35, 40, etc.

- ☐ REMOVABLE METAL (NOT AVAILABLE FOR ALL SIZES)

NOTE: Removable Cap is not weather tight. Apply Silicone caulk, if needed, for outdoor use.

PREP LOCATION (FACE)

- ☐ FRONT ☐ BACK
- ☐ LEFT HAND SIDE ☐ RIGHT HAND SIDE
(as viewed from the front)
- ☐ ON ANGLED TOP

STEP 5

STEP 2

FINISHES**STAINLESS STEEL**

- ☐ US32D SATIN POLISHED (630)
- ☐ US32 MIRROR POLISHED (629)

ALUMINUM

- ☐ POWDER COATED - SPECIFY COLOR CODE _____
- ☐ PAINTED - SPECIFY COLOR CODE _____
MANUFACTURER OF COLOR CODE _____

See color chart on our website @ www.wikk.com

STEP 3

LENGTH AND MOUNTING OF BOLLARD

- ☐ 42" SURFACE MOUNT
- ☐ 54" IN GROUND
- ☐ WELDED MOUNTING BASE PLATE
- ☐ BASE PLATE WITH WELDED SLEEVE (FOR REMOVABLE BOLLARD)
- ☐ OTHER LENGTH (SPECIFY ON DRAWING)

Please contact us if what you are looking for is not listed on this sheet



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STEP 6

PREPS

- ☐ NUMBER OF PREPS NEEDED _____

TYPES OF PREPS

- ☐ WIKK'S AA PREP
- ☐ SINGLE GANG
- ☐ DOUBLE GANG
- ☐ INGRESS'R
- ☐ REMOVABLE ACCESS PANEL
- ☐ CARD READER (SPECIFY MAKE, MODEL, AND
SUPPLY MOUNTING TEMPLATE)

- ☐ OTHER (SPECIFY TYPE i.e. holes, reveals etc.)

PREP HEIGHTS AND SPECIAL NOTES

STEP 7

QUANTITY: _____

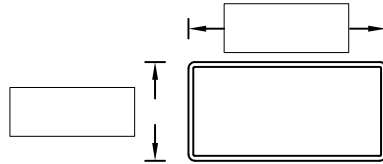


simply. accessible.

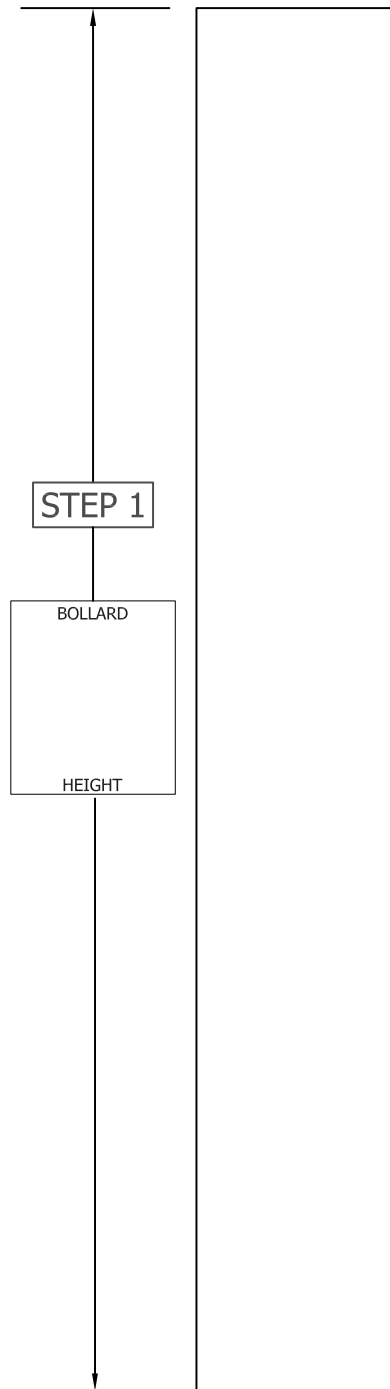
RECTANGULAR BOLLARD

STEP 2

DIMENSIONS

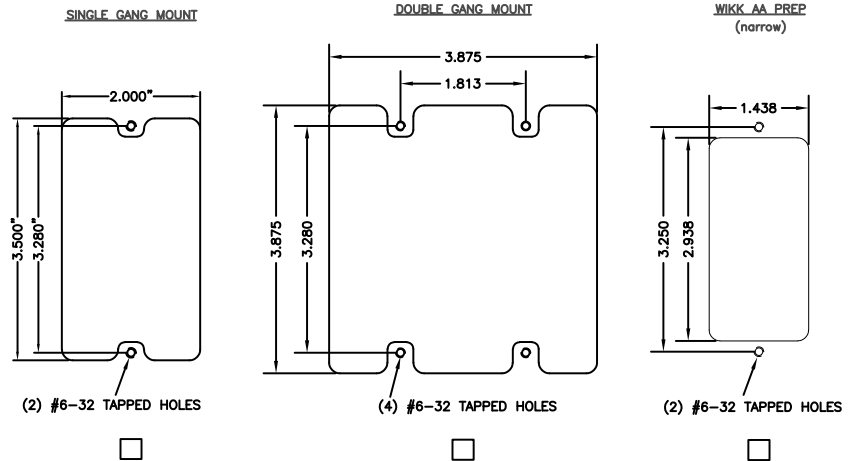


STEP 1



STEP 3

STANDARD PREPS



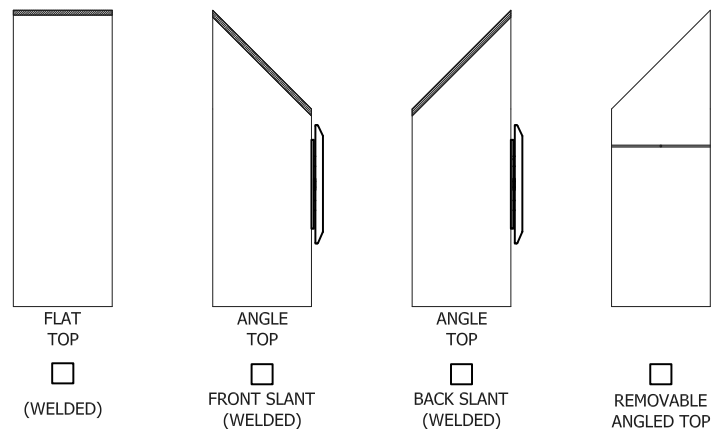
NOTE: ADA Law states that all door controls be within 34" to 48" from the finished floor.

Please check your state codes when considering your design.

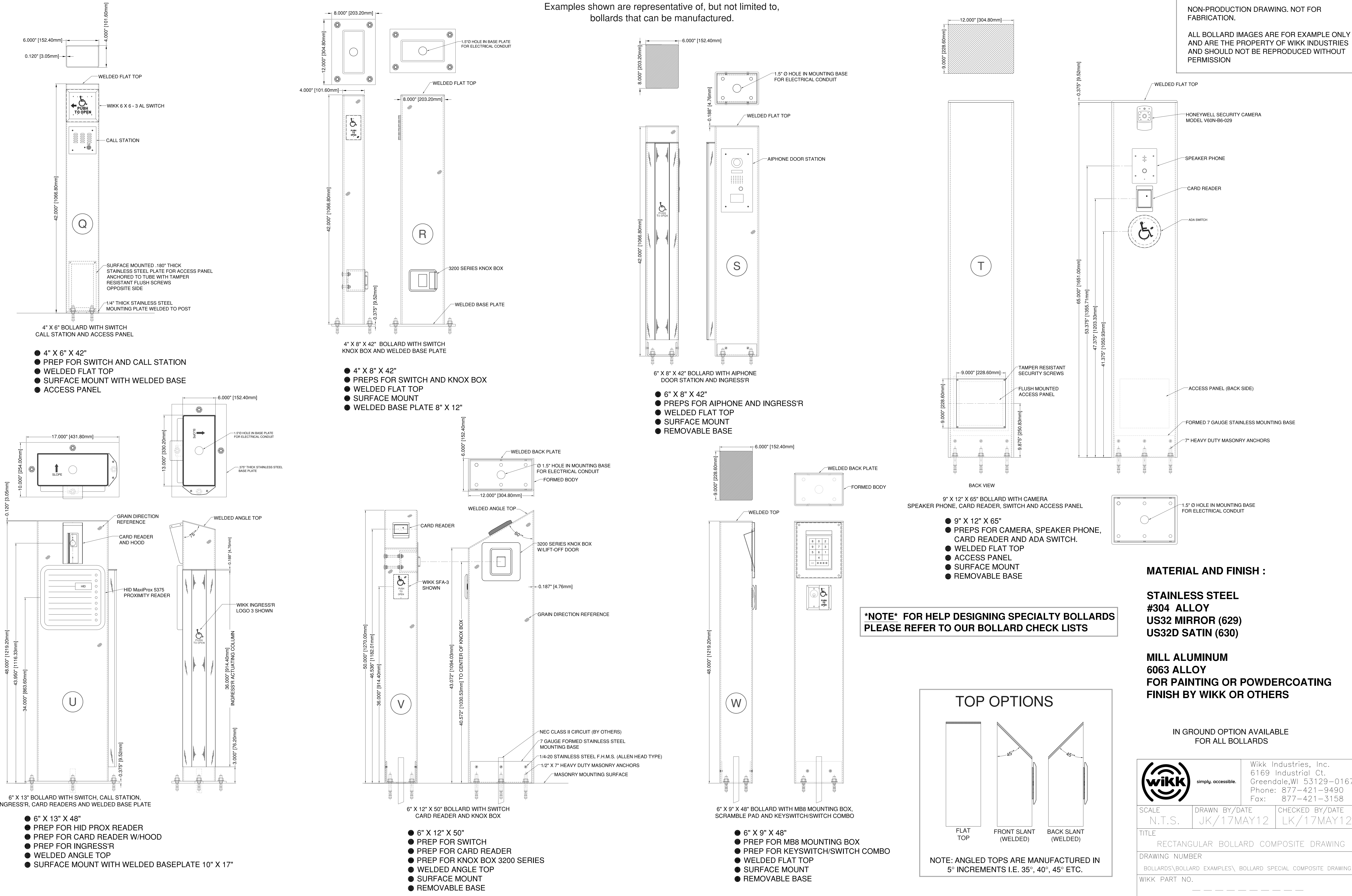
PREP HEIGHT
(FROM FINISHED FLOOR)

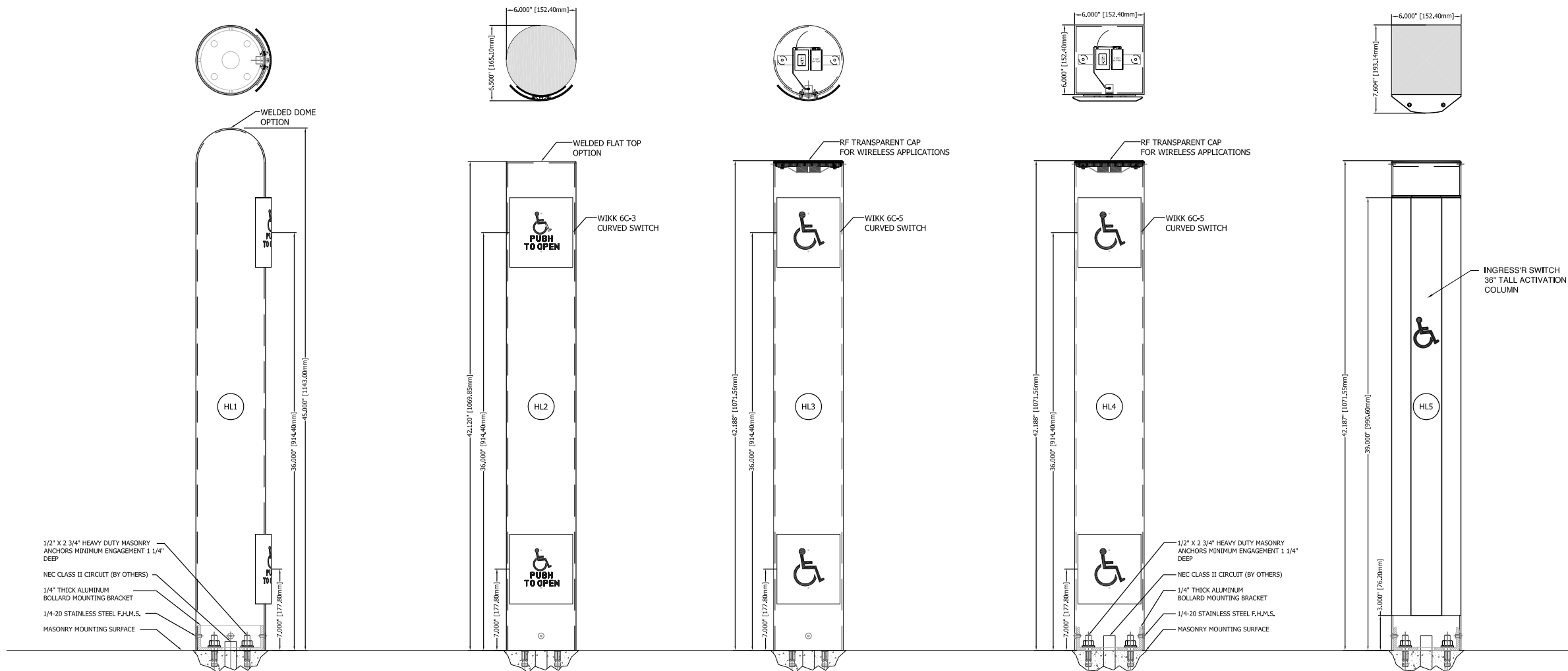
STEP 4

TOP OPTIONS

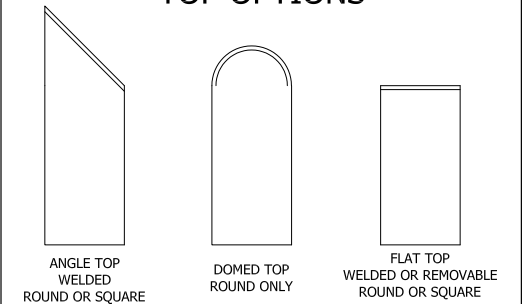


Examples shown are representative of, but not limited to, bollards that can be manufactured.





TOP OPTIONS



BOLLARD CAP OPTIONS

WELDED CAPS:
AVAILABLE IN STAINLESS STEEL OR
MILL ALUMINUM FOR PAINTING OR POWDER COATING .
(NO ANODIZING)

NON WELDED FLAT REMOVABLE CAPS:
AVAILABLE IN BLACK RF TRANSPARENT MATERIAL (STANDARD)
AND STAINLESS STEEL.

BOLLARD INFORMATION

BOLLARD HEIGHTS AVAILABLE BUT NOT LIMITED TO;

STANDARD SURFACE MOUNT (SM) 42"
STANDARD IN GROUND (IG) 54"

CONTACT FACTORY FOR SPECIAL HEIGHTS

AVAILABLE BOLLARD FINISHES:

ALUMINUM:
CLEAR (628), DARK BRONZE (710), LIGHT BRONZE,
BLACK (711) AND MILL, FOR PAINTING OR POWDER
COATING

STAINLESS STEEL:
US32D SATIN (630), US32 MIRROR (629)

NOTE: WELDED ALUMINUM BOLLARDS CAN NOT
BE ANODIZED.



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simply. accessible.			
SCALE N.T.S.	DRAWN BY/DATE JK/09MAR12	CHECKED BY/DATE LK/09MAR12	
TITLE BOLLARD HIGH LOW CURVED SWITCH AND INGRESS'R EXAMPLES			
DRAWING NUMBER BOLLARDS\BOLLARD LITERATURE\HIGH LOW SWITCH EXAMPLES REV1			
WIKK PART NO. _____			

Sample Custom Bollards TRIANGLE AND RECTANGULAR

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customerservice@wikk.com



TR1

BPTR6SMRBP3632D



TR2

BPTR6SMSBFTR32D



RT1

BPRT1435CSFT32D



RT2

BPRT1435SMFT32D



RT3

BPRT96SMFT32D



RT4

BPRT96SMSBAT32D



RT5

BPRT126SMFT32D



RT6

BPRT612SMAT32D

Sample Custom Bollards TRIANGLE AND RECTANGULAR

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customerservice@wikk.com



RT7

BPRT126SMFT32D-2



RT8

BPRT64SMFTPCDK



RT9

BPRT6X4SMFHPCCCL



RT10

BPRT9X4SMAT32D



RT11

BPRT126SMFTPCCL



RT12

BPRT6X4CSFT32D



RT13

BPRT6X4ATRTBPCW



RT14

BPRT226SMFIN32D

BOLLARD CHECKLIST INSTRUCTION SHEET

STEP 1

Select the bollard size and material.

STEP 2

Select the bollard finish.

STEP 3

Selecting the height / length of the bollard and the type of mounting needed. See page 2 for standard options. For custom lengths please specify on the drawing on page 3 of the worksheet. Custom mounting solutions are also available.

STEP 4

Determine the bollard top option. See page 2 for a list of the available options.

STEP 5

Determine the mounting prep location for the device(s) to be used. See page 2 for a list of the standard available options.

STEP 6

Determine the number of device preps needed as well as the type of preps needed. See page 2 for standard preps and page 3 for examples.

NOTE: At the time of quoting / ordering bollards please supply all device information (make, model, as well as mounting templates) to Wikk.

****ADA Law states that all door controls be within 34" to 48" from the finished floor. Please check your state codes when considering your design.****

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STEP 7

Decide on the quantity needed.



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STEP 1

TRIANGULAR BOLLARD CHECK LIST

STEP 4

MATERIALS☐ 304 STAINLESS PLATE .1875" - .250"☐ ALUMINUM PLATE .1875" - .250"☐ STEEL PLATE .1875" - .250"**BOLLARD TOP OPTION**☐ WELDED FLAT☐ REMOVABLE METAL CAP

Note Cap is not weather tight.
Apply silicone caulk for
outdoor use.

STEP 2

FINISHES**STAINLESS STEEL**☐ US32D (630) SATIN POLISHED☐ US32 (629) MIRROR POLISHED**ALUMINUM AND STEEL**☐ POWDER COATED - SPECIFY COLOR CODE _____☐ PAINTED - SPECIFY COLOR CODE _____

MANUFACTURER OF COLOR CODE _____

*** NOTE ***

Any aluminum bollard requiring welding i.e. welded flat tops,
or welded inserts can not be anodized and requires powder
coating or painting. Steel bollards must also be painted or
powder coated.

See color chart on our website @ www.wikk.com

STEP 3

LENGTH AND MOUNTING OF BOLLARD☐ 42" SURFACE WITH WELDED ROUND BASE PLATE☐ 54" IN GROUND☐ OTHER LENGTH (SPECIFY ON DRAWING)☐ OTHER i.e. wall mount etc. (SPECIFY ON DRAWING)

STEP 5

PREP LOCATION (FACE)☐ FRONT
☐ LEFT HAND SIDE ☐ RIGHT HAND SIDE
(as viewed from front)

STEP 6

PREPS☐ NUMBER OF PREPS NEEDED _____**TYPES OF PREPS**☐ WIKK'S AA PREP☐ SINGLE GANG☐ DOUBLE GANG☐ INGRESS'R☐ REMOVABLE ACCESS PANEL
☐ CARD READER (SPECIFY MAKE AND MODEL AND
SUPPLY MOUNTING TEMPLATE)

☐ OTHER (SPECIFY TYPE i.e. holes, reveals etc.)

PREP HEIGHTS AND SPECIAL NOTES

STEP 7



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Phone: 877-421-9490
www.wikk.com

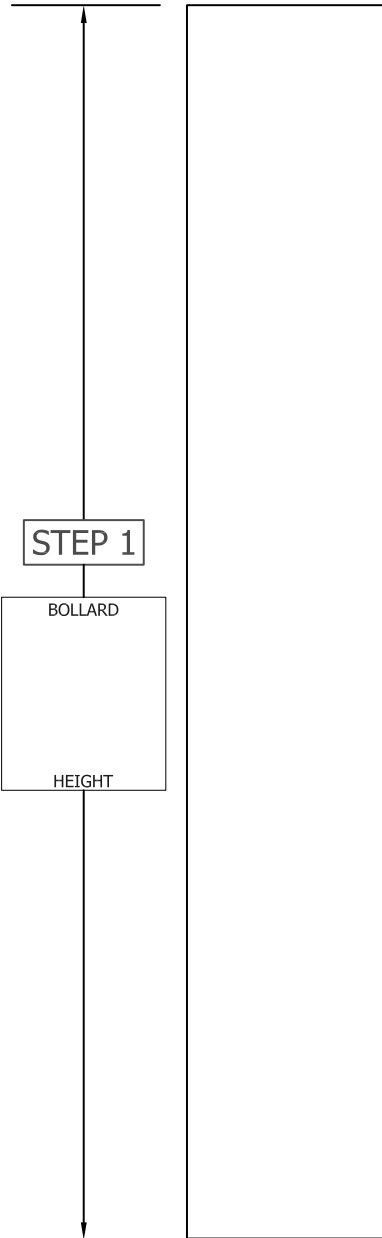
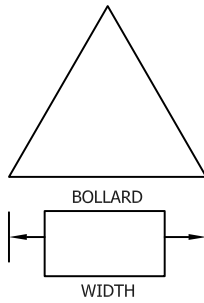
QUANTITY: _____



simply. accessible.

TRIANGULAR BOLLARD

STEP 2



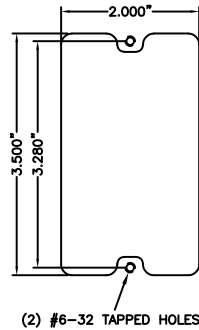
STEP 1

FRONT FACE

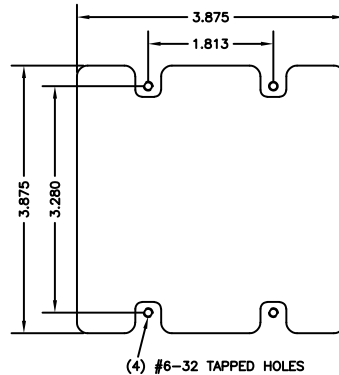
STEP 3

STANDARD PREPS

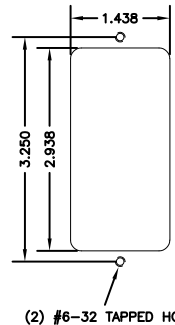
SINGLE GANG MOUNT



DOUBLE GANG MOUNT



WIKK'S AA PREP (narrow)



NOTE: ADA Law states that all door controls be within 34" to 48" from the finished floor.

Please check your state codes when considering your design.

PREP HEIGHT
(FROM FINISHED FLOOR)

Sample Custom Bollards TRIANGLE AND RECTANGULAR

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TR1

BPTR6SMRBP3632D



TR2

BPTR6SMSBFTR32D



RT1

BPRT1435CSFT32D



RT2

BPRT1435SMFT32D



RT3

BPRT96SMFT32D



RT4

BPRT96SMSBAT32D



RT5

BPRT126SMFT32D



RT6

BPRT612SMAT32D

Sample Custom Bollards TRIANGLE AND RECTANGULAR

Phone: 877.421.9490
Fax: 877.421.3158
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RT7

BPRT126SMFT32D-2



RT8

BPRT64SMFTPCDK



RT9

BPRT6X4SMFHPCCL



RT10

BPRT9X4SMAT32D



RT11

BPRT126SMFTPCCL



RT12

BPRT6X4CSFT32D



RT13

BPRT6X4ATRTBPCW



RT14

BPRT226SMFIN32D

MATERIALS**INGRESS'R® CHECK LIST**

- ☐ ALUMINUM (6063)
- ☐ BRASS (CLAD)
- ☐ STAINLESS STEEL TYPE 304 (CLAD)

STEP 2

FINISHES

- ☐ CLEAR ANODIZED ALUMINUM (628)
- ☐ DARK BRONZE ANODIZED ALUMINUM (710)
- ☐ SATIN POLISHED STAINLESS US32D (630)
- ☐ MIRROR POLISHED STAINLESS US32 (629)
- ☐ SATIN BRASS US4 (606 UNCOATED)
- ☐ MIRROR BRASS US3 (605 UNCOATED)
- ☐ POWDER COATED (SEE NOTES ON PAGE 2)

LIGHTED INGRESS'R®**LIGHT COLOR****BEZEL COLOR**☐ AMBER

BLACK

☐ BLUE☐ RED**VOLTAGE**☐ WHITE☐ 28 VOLT☐ YELLOW☐ 120 VOLT***NOTE*** THE LIGHT ONLY ILLUMINATES WHEN ACTIVATED

STEP 3

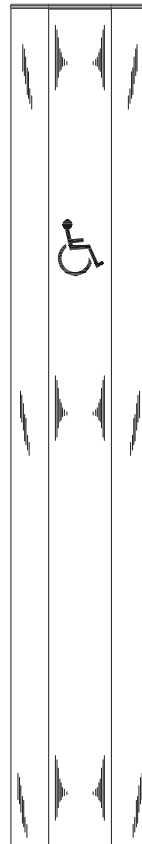
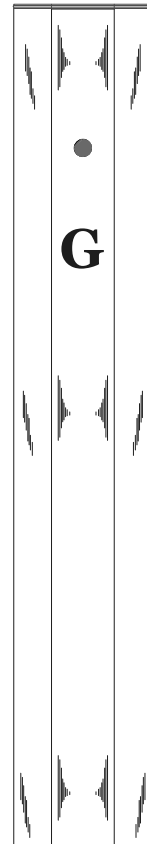
LENGTH

- ☐ 42" ☐ OTHER, PLEASE SPECIFY
- ☐ 36" STANDARD
- ☐ 36" NARROW
- ☐ 30"
- ☐ 24"
- ☐ 9"

STEP 4

LEGENDS

- ☐ PLAIN, NO LOGO
- ☐ LOGO 2 - PUSH TO OPEN
LOGO COLOR BLACK
- ☐ LOGO 3 - PUSH TO OPEN TEXT AND
ADA LOGO COLOR BLUE
- ☐ LOGO 5 - ADA LOGO ONLY COLOR BLUE
- ☐ LOGO 3 MOBILE
TEXT AND ADA LOGO COLOR BLUE
- ☐ OTHER, I.E. NUMBERS, ARROWS, SYMBOLS, ETC.

PUSH
TO
OPENSTANDARD INGRESS'R®
(LOGO 5)EXAMPLE OF ELEVATOR
INGRESS'R®●
LIGHT▲
ARROWS
▼C
SYMBOLSPlease contact us if what you are looking for is not
listed on this sheet**QUANTITY:** _____

simply. accessible.

NOTE THE LOGO COLOR FOR ALL DARK BRONZE AND BLUE INGRESS'RS IS WHITE
LOGO COLOR FOR CLEAR, STAINLESS STEEL, AND WHITE INGRESS'RS IS BLUE

OTHER LOGO COLORS ARE AVAILABLE UPON REQUEST

INGRESS'R® POWDER COATING OPTIONS

PART# I36-3 BLUE

ALL BLUE ACTUATING COLUMN AND BASE
WITH WHITE ADA LOGO AND TEXT "PUSH TO OPEN"

PART# I36-3 WHITE / BLUE

ACTUATING COLUMN IS WHITE AND BASE IS BLUE
WITH BLUE ADA LOGO AND TEXT "PUSH TO OPEN"

PART# I36-3 WHITE

ALL WHITE ACTUATING COLUMN AND BASE
WITH BLUE ADA LOGO AND TEXT "PUSH TO OPEN"

PART# I36-3 BLUE/WHITE

ACTUATING COLUMN IS BLUE AND BASE IS WHITE
WITH WHITE ADA LOGO AND TEXT " PUSH TO OPEN"



LOGO 5 ALSO AVAILABLE



OTHER POWDER COATED COLORS AVAILABLE UPON REQUEST

NOTES:



wikk industries inc.

6169 Industrial Court
Greendale, WI 53129-0167
Phone: 877-421-9490
Fax: 877-421-3158
www.wikk.com

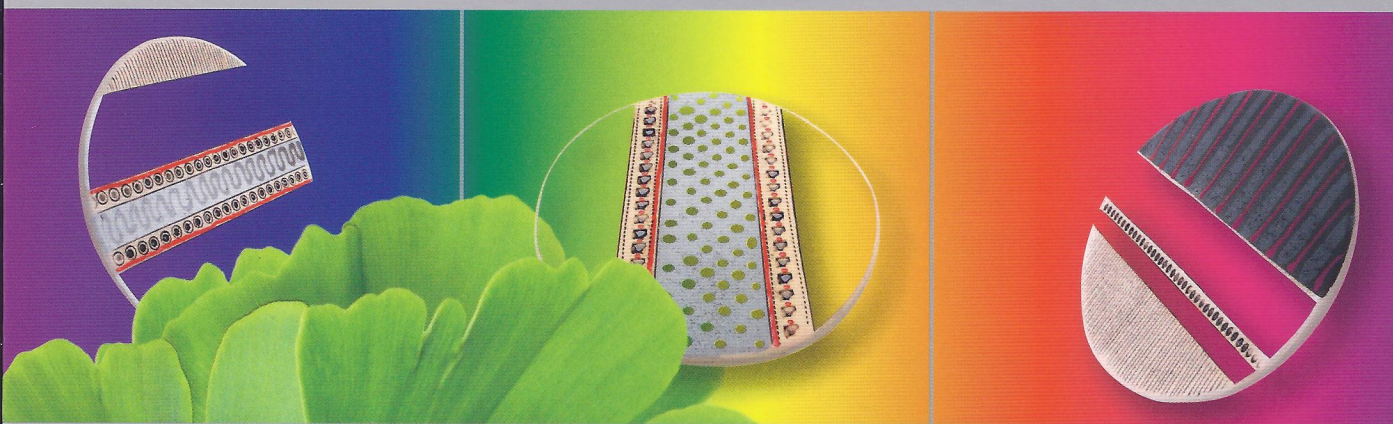


Drylac®

POWDER COATINGS

RAL colors

Interior and exterior applications



A BETTER FINISH. FOR A BETTER WORLD.



RAL 1000 49/15200



RAL 1001 49/15190 • 38/15001



RAL 1002 49/22590 • 38/20002



RAL 1003 49/22580



RAL 1004 49/22570 • 38/20004



RAL 1005 49/22560



RAL 1006 49/22550



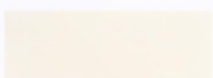
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RAL 1011 49/15180



RAL 1012 49/22530



RAL 1013 49/11280 • 38/10013



RAL 1014 49/15170 • 38/15014



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RAL 1016 49/22520 • 38/20016



RAL 1017 49/22510



RAL 1018 49/21830



RAL 1019 49/13660 • 38/15019



RAL 1020 49/22500 • 38/20020



RAL 1021 49/22280



RAL 1023 49/22490 • 38/20023



RAL 1024 49/22480



RAL 1027 49/22470



RAL 1028 49/22460



RAL 1032 49/22450



RAL 1033 49/22240



RAL 1034 49/23910



RAL 1037 49/20096



RAL 2000 49/24570



RAL 2001 49/24560



RAL 2002 49/24550



RAL 2003 49/24540



RAL 2004 49/24530



RAL 2008 49/24340



RAL 2009 49/24360



RAL 2010 49/24520



RAL 2011 49/24580



RAL 2012 49/24690



RAL 3000 49/33120



RAL 3001 49/31120



RAL 3002 49/31110



RAL 3003 49/31100



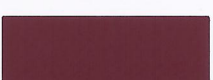
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RAL 3007 49/31910



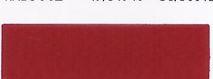
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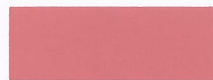
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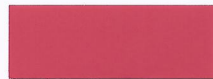
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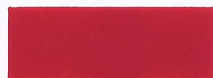
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RAL 4003 49/32270



RAL 4004 49/31020



RAL 4005 49/42780



RAL 4006 49/32090



RAL 4007 49/32540



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RAL 5000 49/42200



RAL 5001 49/42210



RAL 5002 49/42220



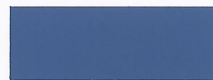
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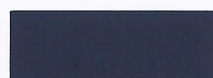
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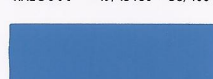
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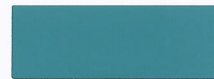
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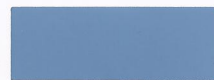
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RAL 6000 49/53160 • 38/50000



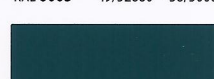
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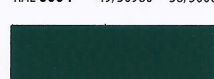
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RAL 6007 49/52860 • 38/50007



RAL 6008 49/53240 • 38/50008



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RAL 6010 49/52830 • 38/50031



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RAL 6012 49/51540 • 38/50012



RAL 6013 49/52810 • 38/50013



RAL 6014 49/52800



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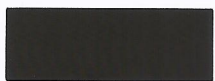
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RAL 6029 49/52640 • 38/50029



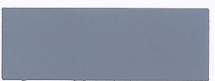
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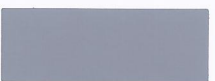
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RAL 7001 49/72710



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RAL 7003 49/72600



RAL 7004 49/73300 • 38/70004



RAL 7005 49/72590 • 38/70005



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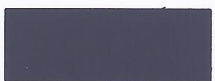
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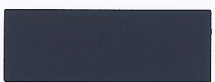
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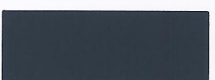
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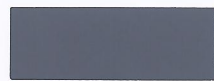
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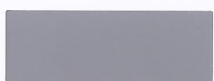
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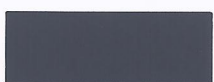
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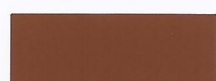
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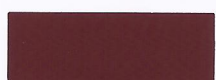
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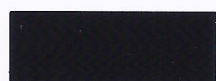
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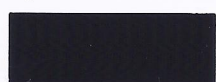
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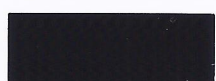
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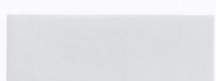
RAL 9011 49/80540



RAL 9016 49/11340 • 38/10010



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RAL 9018 49/72490 • 38/10018

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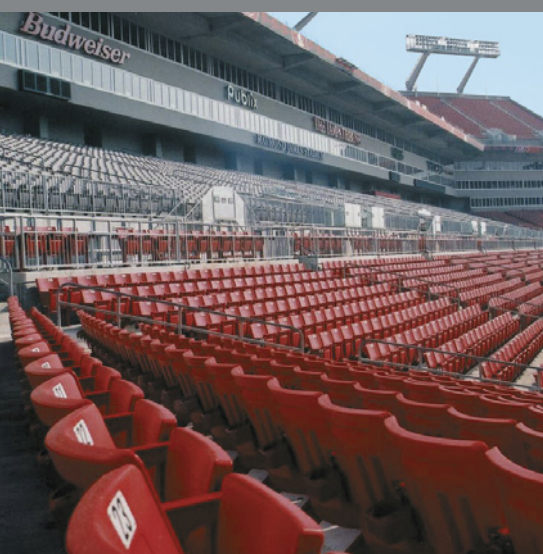
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Member of

Powder
Coating
Institute





series 38

super durable powder coatings

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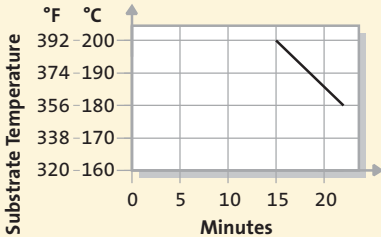
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TIGER Drylac® Series 38 – Exterior or Interior

A highly weather- and UV-resistant powder coating based on super-durable TGIC Polyester

Features	Superior Gloss and Color Retention Excellent Weather Resistance Good Mechanical Properties Superior Chalking Resistance Very Smooth Flow Excellent Edge Coverage Good Storage Stability	
Typical Applications	Architectural Applications Construction Industry Lighting Fixtures Park Furniture Playground Equipment Garage Doors Stadium Seating Fencing	Defense Industry Automotive Equipment Marine Applications Agricultural Equipment Sports Equipment Recreational Vehicles Lawn and Garden Equipment Railing
Standard Series 38	Smooth Glossy (85±5*) RAL Colors (see RAL color and product number listing) Smooth Matte (20±5*) Smooth Matte Satin (30±5*) Gloss level according to Gardner 60° ASTM D523	
Custom Colors	Any other color or finish is available as a custom color with a 220-lb. minimum order. Due to pigmentation a small percentage of colors in the yellow, orange, red and purple range offer only limited UV stability. UV stability of custom color products in that color range must be verified by our production laboratories on a case by case basis.	
Standard Packaging	44 lbs/20 kg and 55 lbs/25 kg carton or 5 lbs/2.5 kg Minipack	
Specific Gravity	1.2 – 1.6 g/cm ³ depending on pigmentation	
Theoretical Coverage	Depending on pigmentation and processing conditions. 1 lb coats approx. 50 sq. ft. at 3 mils avg. 1 kg coats approx. 10 sq. m. at 75 microns avg.	
Processing	Electrostatic and Tribo/Airstatic Spraying, manual or automatic.	
Dry Storage Stability	6 months at no more than 77° F/25° C	
Cure Parameter		
Note	A reasonable degree of loss of gloss and color variation due to long-term UV exposure can be expected.	

notes

TIGER SHIELD System

for superior corrosion protection (recommended for marine environments and coastal regions)

Product Description

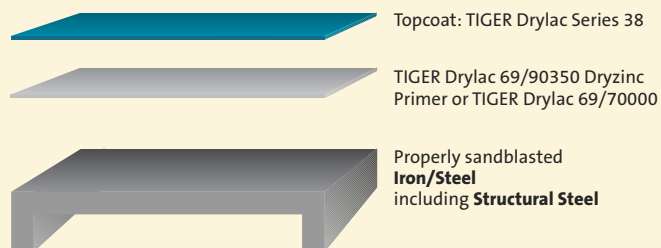
The TIGER Drylac SHIELD System is a two-coat process combining optimum corrosion protection with highest weatherability.

The basis for the excellent corrosion resistance is either TIGER Drylac 69/90350, a Dryzinc Primer or TIGER Drylac 69/70000, a Dryprotective Primer. This two coat system warrants an optimum non-porous film as well as excellent UV protection through the use of high quality polyester powder coatings.

Processing

Electrostatic and Tribo/Airstatic spraying, manual or automatic. TIGER Drylac 69/90350 Dryzinc Primer and TIGER Drylac 69/70000 Dryprotective Primer must be applied over a clean dry substrate, free of any contaminants and oxidation. Note: Time elapsed between application of TIGER Drylac 69/90350 Dryzinc Primer and topcoating with TIGER Drylac Series 38 Polyester must not exceed 12 hours max.

Steel/Iron



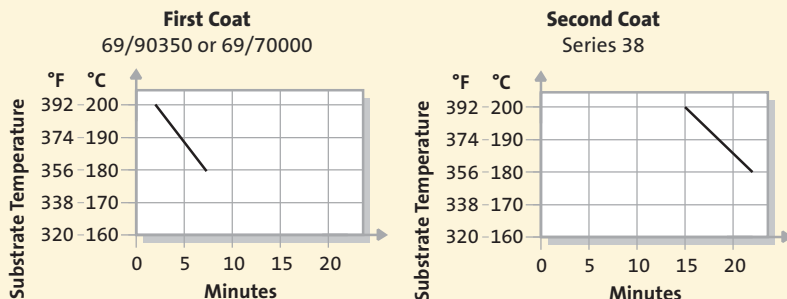
Aluminum

Under normal conditions a single coat of Series 38 powder coating is sufficient. In highly corrosive environments, as is found in coastal regions or industrial atmospheres, a 2-coat system of TIGER Drylac Dryprotective 69/70000 plus a topcoat of Series 38 can be beneficial. Both products are engineered to complement each other and offer an excellent corrosion barrier. For objects exposed to extreme conditions, especially where there is a possibility of filiform corrosion, Chromate Conversion coatings or Chrome Phosphatizing has been proven to be an excellent pretreatment choice.

Cure Parameters

TIGER Drylac Dryzinc Primer and Dryprotective Primer

In general, we recommend only partial rather than full cure for the first coat.



Specific Gravity

TIGER Drylac Series 38: 1.2–1.8 g/cm³ depending on pigmentation.

TIGER Drylac 69/90350 Dryzinc Primer: 3.0 ± 0.1g/cm³

TIGER Drylac 69/70000 Dryprotective Primer: 1.6 ± 0.1g/cm³

Theoretic Coverage

Depending on pigmentation and processing conditions and a specific gravity of 1.5. 1 lb coats approximately 51.5 square feet at 2.5 mils avg. 1 kg coats approximately 11.1 square meters at 60 microns avg.

Test Results on Aluminum:

Corrosion Resistance Humidity Resistance 3000 hrs.—ASTM D 2247	Formation of blisters not to exceed “few” blisters size #8 as shown in Figure 4.0 ASTM D 714	No blistering
Salt Spray Resistance 3000 hours – ASTM B 117	Minimum rating of 7 on scribe or cut edges, and a minimum blister rating of 8 within the test specimen field, in accordance with the Table 1 and Table 2 Reference modification of ASTM D 1654	No blistering, no undercutting

Test Results on Steel:

Salt Spray Resistance* ASTM 117-90	Undercutting	Blisters	Adhesion
1000 hour	0	m0 / g0	Gt0
2000 hour	0 – 1	m0 / g0	Gt0
3000 hour	2 – 3	m2 / g1	Gt0

*Tested on a 2-coat system of Series 38 and TIGER Drylac® 69/90350 Dryzinc Primer (substrate: steel — sandblasted)

Mechanical Properties:

Test	Results for basecoat alone 69/90350	Two-Coat System TIGER Drylac 69/90350 + TIGER Drylac Series 38
Film Thickness	2.4-2.6 mils/60±5µm	2.4-2.6 mils/60±5µm (Primer) 2.4-2.6 mils/60±5µm (Topcoat) Minimum requirement for a non-porous film!
Cross Hatch Adhesion ISO 2409 / ASTM D 3359	pass 100%	pass 100%
Mandrel Bending Test ISO 1519 / ASTM D 522	5/32 in. /4 mm (3/16 in./5 mm)	3/8 in./10 mm
Impact test 1/10 in. Distortion ISO 6272 / STM D 2794-90	up to 40 in./lbs. (up to 20 in./lbs.)	up to 40 in./lbs. (up to 20 in./lbs.)
Cupping ISO 1520	5/16 in./8 mm (3/16 in./5 mm)	5/16 in./8 mm (3/16 in./5 mm)

Data in “()” reflects properties valid for TIGER Drylac 69/70000 Dryprotective.

super durable

TIGER Drylac™ Smooth Glossy RAL Colors available in Series 38:

RAL 1000 • 38/15000	RAL 5000 • 38/40000	RAL 6018 • 38/50018	RAL 7037 • 38/70037
RAL 1001 • 38/15001	RAL 5001 • 38/40001	RAL 6019 • 38/50019	RAL 7038 • 38/70038
RAL 1002 • 38/20002	RAL 5002 • 38/40002	RAL 6020 • 38/50020	RAL 7039 • 38/70039
RAL 1004 • 38/20004	RAL 5003 • 38/40003	RAL 6021 • 38/50021	RAL 7040 • 38/70040
RAL 1005 • 38/20005	RAL 5004 • 38/40004	RAL 6022 • 38/50022	RAL 7042 • 38/70042
RAL 1006 • 38/20006	RAL 5005 • 38/40010	RAL 6024 • 38/50024	RAL 7043 • 38/70043
RAL 1011 • 38/15011	RAL 5007 • 38/40007	RAL 6025 • 38/50025	RAL 7044 • 38/70044
RAL 1012 • 38/20012	RAL 5008 • 38/40008	RAL 6026 • 38/50026	RAL 7045 • 38/70045
RAL 1013 • 38/10013	RAL 5009 • 38/40009	RAL 6027 • 38/50027	RAL 7046 • 38/70002
RAL 1014 • 38/15014	RAL 5010 • 38/40016	RAL 6028 • 38/50028	RAL 7047 • 38/70047
RAL 1015 • 38/15015	RAL 5011 • 38/40011	RAL 6029 • 38/50029	RAL 8000 • 38/60000
RAL 1016 • 38/20016	RAL 5012 • 38/40012	RAL 6032 • 38/50032	RAL 8001 • 38/60005
RAL 1017 • 38/20017	RAL 5013 • 38/40013	RAL 6033 • 38/50033	RAL 8002 • 38/60002
RAL 1018 • 38/20018	RAL 5014 • 38/40014	RAL 6034 • 38/50034	RAL 8003 • 38/60003
RAL 1019 • 38/15019	RAL 5015 • 38/40015	RAL 7000 • 38/70000	RAL 8004 • 38/60004
RAL 1020 • 38/20020	RAL 5017 • 38/40017	RAL 7001 • 38/70003	RAL 8007 • 38/60007
RAL 1021 • 38/20021	RAL 5018 • 38/40020	RAL 7002 • 38/70007	RAL 8008 • 38/60008
RAL 1023 • 38/20023	RAL 5019 • 38/40019	RAL 7003 • 38/70017	RAL 8011 • 38/60011
RAL 1024 • 38/20024	RAL 5020 • 38/40018	RAL 7004 • 38/70004	RAL 8012 • 38/60012
RAL 1027 • 38/20027	RAL 5021 • 38/40021	RAL 7005 • 38/70005	RAL 8014 • 38/60010
RAL 1032 • 38/20032	RAL 5022 • 38/40022	RAL 7006 • 38/70006	RAL 8015 • 38/60015
RAL 2001 • 38/23170	RAL 5023 • 38/40023	RAL 7008 • 38/70008	RAL 8016 • 38/60016
RAL 2002 • 38/25002	RAL 5024 • 38/40024	RAL 7009 • 38/70009	RAL 8017 • 38/60017
RAL 2010 • 38/25001	RAL 6000 • 38/50000	RAL 7010 • 38/70014	RAL 8019 • 38/60019
RAL 3000 • 38/30000	RAL 6001 • 38/50005	RAL 7011 • 38/70011	RAL 8022 • 38/60022
RAL 3001 • 38/30001	RAL 6002 • 38/50023	RAL 7012 • 38/70012	RAL 8023 • 38/60023
RAL 3002 • 38/30002	RAL 6003 • 38/50003	RAL 7013 • 38/70013	RAL 8024 • 38/60024
RAL 3003 • 38/30003	RAL 6004 • 38/50004	RAL 7015 • 38/70015	RAL 8025 • 38/60025
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RAL 3020 • 38/30021	RAL 6013 • 38/50013	RAL 7032 • 38/70001	RAL 9016 • 38/10010
RAL 3031 • 38/30031	RAL 6014 • 38/50014	RAL 7033 • 38/70033	RAL 9017 • 38/80017
RAL 4002 • 38/30008	RAL 6015 • 38/50015	RAL 7034 • 38/70034	RAL 9018 • 38/10018
RAL 4004 • 38/30024	RAL 6016 • 38/50016	RAL 7035 • 38/70035	
RAL 4007 • 38/30025	RAL 6017 • 38/50017	RAL 7036 • 38/70036	

Please refer to our RAL Exterior brochure for a display of RAL colors to go with above listed Series 38 product numbers.



TIGER Drylac® 38/10130
Seashell White 30±5*



TIGER Drylac® 38/10070
Bone White 30±5*



TIGER Drylac® 38/70048
Sky Grey 30±5*



TIGER Drylac® 38/15003
Almond 30±5*



TIGER Drylac® 38/15012
Sandstone 30±5*



TIGER Drylac® 38/70070
Taupe 30±5*



TIGER Drylac® 38/15002
Sierra Tan 30±5*



TIGER Drylac® 38/70025
Ash Grey 30±5*



TIGER Drylac® 38/70019
Slate Grey 30±5*



TIGER Drylac® 38/60014
Medium Bronze 30±5*



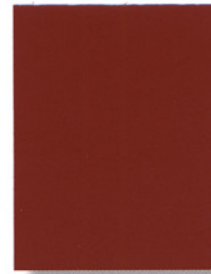
TIGER Drylac® 38/60018
Koko Brown 30±5*



TIGER Drylac® 38/30033
Boysenberry 20±5*



TIGER Drylac® 38/30041
Redwood 30±5*



TIGER Drylac® 38/30028
Brick Red 20±5*



TIGER Drylac® 38/50035
Seafoam Green Metallic



TIGER Drylac® 38/60060
Aged Copper 20±5*



TIGER Drylac® 38/50080
Ivy Green 30±5*



TIGER Drylac® 38/50037
Classic Green 30±5*



TIGER Drylac® 38/50110
Hartford Green 30±5*



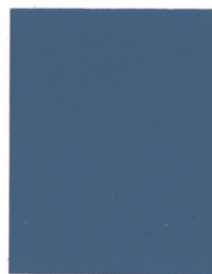
TIGER Drylac® 38/60080
Statuary Bronze 30±5*



TIGER Drylac® 38/60060
Medium Bronze Metallic*



TIGER Drylac® 38/40025
Interstate Blue 20±5*



TIGER Drylac® 38/40051
Military Blue 30±5*



TIGER Drylac® 38/70049
Silver Grey 30±5*



TIGER Drylac® 38/80020
Jet Black 30±5*



TIGER Drylac* 38/00001
Clear 90+*



TIGER Drylac* 38/10007
Bianco 302 85±5*



TIGER Drylac* 38/70032
Grey Classic 303 85±5*



TIGER Drylac* 38/70056
Grey Classic 310 85±5*



TIGER Drylac* 38/15009
Crème 305 85±5*



TIGER Drylac* 38/15007
Crème 303 85±5*



TIGER Drylac* 38/15005
Crème 301 85±5*



TIGER Drylac* 38/60021
Marrone 305 85±5*



TIGER Drylac* 38/60026
Marrone 306 85±5*



TIGER Drylac* 38/60039
Marrone 308 85±5*



TIGER Drylac* 38/50039
Highland 305 85±5*



TIGER Drylac* 38/50038
Highland 304 85±5*



TIGER Drylac* 38/50040
Highland 306 85±5*



TIGER Drylac* 38/50041
Highland 307 85±5*



TIGER Drylac* 38/60031
Marrone 302 85±5*



TIGER Drylac* 38/30031
Rosso 306 85±5*



TIGER Drylac* 38/30034
Rosso 305 85±5*



TIGER Drylac* 38/25006
Sunset 302 85±5*



TIGER Drylac* 38/20011
Deore 307 85±5*



TIGER Drylac* 38/20009
Deore 305 85±5*



TIGER Drylac* 38/40031
Azzurro 305 85±5*



TIGER Drylac* 38/40033
Azzurro 307 85±5*



TIGER Drylac* 38/70054
Grey Classic 308 85±5*



TIGER Drylac* 38/70061
Grey Classic 314 85±5*



TIGER Drylac* 38/80002
Carbon 301 85±5*



TIGER Drylac® 38/90003
Argento 301 Metallic



TIGER Drylac® 38/90010
Marine Silver



TIGER Drylac® 38/90007
Argento 305 Metallic



TIGER Drylac® 38/90011
Argento 308 Metallic



TIGER Drylac® 38/90015
Pearl Dark Grey



TIGER Drylac® 38/90016
Argento 312 Metallic



TIGER Drylac® 38/90018
Argento 314 Metallic



TIGER Drylac® 38/60090
Dark Anodized Bronze 20±5*



TIGER Drylac® 38/30048
Pearl Ruby Red



TIGER Drylac® 38/30043
Rosso 302 Metallic



TIGER Drylac® 38/60064
Pearl Copper



TIGER Drylac® 38/30042
Rosso 301 Metallic



TIGER Drylac® 38/50131
Pearl Green



TIGER Drylac® 38/50135
Pearl Opal Green



TIGER Drylac® 38/50043
Highland 301 Metallic



TIGER Drylac® 38/40035
Azzurro 301 Metallic



TIGER Drylac® 38/40127
Pearl Night Blue



TIGER Drylac® 38/20014
Deore 302 Metallic



TIGER Drylac® 38/15018
Champagne 302 Metallic



TIGER Drylac® 38/15017
Champagne 301 Metallic



TIGER Drylac® 38/15021
Champagne 304 Metallic



TIGER Drylac® 38/20013
Deore 301 Metallic



TIGER Drylac® 38/15020
Champagne 303 Metallic



TIGER Drylac® 38/90009
Argento 307 Metallic



TIGER Drylac® 38/91020
Anodized Silver



ECO-FRIENDLY ANODIZING

Anodizing is the process of electrochemically accelerating and controlling the oxidation of an aluminum substrate, creating an extremely hard, durable, and aesthetically pleasing coating on the aluminum. Architectural anodize finishes are limited to certain colors; however their hardness and scratch-resistance far surpass that of paint coatings.

QUALITY

Our automated system controls and monitors your product through the entire anodizing process. It tracks all aspects of the process including tank sequencing, voltage, current, time, and temperature, ensuring the most consistent anodize finish available.

CARE & CLEANING

Anodized material has an extremely hard surface that is colorfast and mar resistant. An anodized finish should be cleaned using mild soap solutions to retain its original beauty. The cleaning solution should be applied with a soft cloth, sponge or brush. Avoid the use of acidic or alkaline cleaners. To avoid damage to the finish, anodized aluminum should be placed into walls after mortar has cured. Any uncured masonry product that is not immediately removed from the anodized aluminum will destroy the finish, sometimes beyond repair.

Linetec anodize finishes meet the AAMA-611 specification.



Wikk Clear ANO-215R1 or ANO-204R1 AE



Wikk Light Bronze (Champagne) ANO-300 AE



Non-Stock Light Bronze ANO-301 AE



Non-Stock Medium Bronze ANO-302 AE



Non-Stock Dark Bronze ANO-303 AE



Wikk Extra Dark Bronze ANO-304 AE



Wikk Black ANO-305 AE



ALUMINUM ASSOCIATION DESIGNATION SYSTEM FOR ALUMINUM FINISHES

The following examples show how the Aluminum Association Designation System for Aluminum Finishes is used (each designation is preceded by the letters AA to identify it as an Aluminum Association designation):

Example 1 - Architectural Building Panel

If an architect wished to designate a matte anodized finish for a building such as that produced by giving aluminum a matte finish, followed by architectural Class I natural anodizing, he would designate it as follows:

AA - M10C22A41
 AA - Aluminum Association
 M10 - Unspecified
 C22 - Medium Matte Etched
 A41 - Anodic Coating-architectural, Class I

Example 2 - Architectural Aluminum with Anodized Electrolytically Deposited Color

If an architect wished to specify a bronze anodized panel with a two-step color for architectural application, the designation would be:

AA - M10C22A44
 AA - Aluminum Association
 M10 - Unspecified as fabricated finish
 C22 - Chemically etched medium matte finish
 A44 - Anodic Coating-architectural, Class I Electrolytically Deposited Color

Mechanical Finishes (M)

As Fabricated

M10 Unspecified
 M11 Specular as fabricated
 M12 Nonspecular as fabricated
 M1X Other (to be specified)

Buffed

M20 Unspecified
 M21 Smooth specular
 M22 Specular
 M2X Other (to be specified)

Directional Textured

M30 Unspecified
 M31 Fine satin
 M32 Medium satin
 M33 Coarse satin
 M34 Hand rubbed
 M35 Brushed
 M3X Other (to be specified)

Nondirectional Textured

M40 Unspecified
 M41 Extra fine matte
 M42 Fine matte
 M43 Medium matte
 M44 Coarse matte
 M45 Fine shot blast
 M46 Medium shot blast
 M47 Coarse shot blast
 M4X Other (to be specified)

Chemical Finishes (C)

Nonetched Cleaned

C10 Unspecified
 C11 Degreased
 C12 Inhibited chemical cleaned
 C1X Other (to be specified)

Etched

* C20 Unspecified
 * C21 Fine matte
 * C22 Medium matte
 * C23 Coarse matte
 * C2X Other (to be specified)

Brightened

C30 Unspecified
 C31 Highly specular
 C32 Diffuse bright
 C3X Other (to be specified)

Chemical Coatings

C40 Unspecified
 C41 Acid chromate-fluoride
 C42 Acid chromate-fluoride-phosphate

C43 Alkaline chromate
 C44 Non-chromate
 C45 Non-rinsed chromate
 C4X Other (to be specified)

Anodic Coatings General

A10 Unspecified
 A11 Preparation for other applied coatings
 A12 Chromic acid anodic coatings
 A13 Hard, wear and abrasion resistant coatings
 A1X Other (to be specified)

Protective and Decorative Coating less than 10um (.04 mil)

A21 Clear
 A22 Integral color
 A23 Impregnated color
 A24 Electrolytically deposited color
 A2X Other (to be specified)

Architectural Class II¹ 10-18 um (0.4-0.7 mil) coating

* A31 Clear
 A32 Integral color
 A33 Impregnated color
 A34 Electrolytically deposited color
 A3X Other (to be specified)

Architectural Class I¹ 18 um (0.7 mil) and thicker anodic coatings

* A41 Clear
 A42 Integral color
 A43 Impregnated color
 A44 Electrolytically deposited color
 A4X Other (to be specified)
¹Aluminum Association Standards for Anodized Architectural Aluminum

Resinous and Other Organic Coatings (R)²

R10 Unspecified
 R1X Other (to be specified)
²These designations may be used until more complete series of designations are developed for these coatings.

*Provided by Linetec Anodizing

GUIDE SPECIFICATIONS

- Exposed surfaces of all aluminum windows, framing, and trim shall receive an anodized color finish conforming to the Aluminum Association Designation, Architectural Class I, AA-M10C22A44.

Comment: Architectural Class I should always be specified for high rise curtain wall construction and for monumental construction, high rise or low rise, where excellent appearance with little maintenance is desired for the life of the building. The AA-M10C22A44 indicated extrusions with a mill finish (M10) which receive a medium matte etch (C22) and are colored by the electrolytic deposition of stable metal compounds (A44).

- The anodic coating shall be continuous, fully sealed and free from powdery surfaces.

Comment: A uniform, continuous coating, fully sealed, is essential to good appearance and satisfactory performance.

- Coating thickness shall be a minimum of 0.7 mil when tested in accordance with ASTM B 244.

Comment: A minimum of 0.7 mil thickness is required to meet the Architectural Class 1 designation and to provide the desired resistance to weathering and corrosion.

- Coating weight shall be a minimum of 27.0 mg/in² with an apparent density of 38.0 g/in³ when tested in accordance with ASTM B 137-89.

Comment: This minimum weight, which is a measure of the density is necessary to assure that the coating has the desired hardness, abrasion resistance and durability.

- There shall be no noticeable change in the color of the coating when subjected to a 200 hour UVIARC test.

Comment: Where severe exposure to sunlight will be encountered and where long finish life is desired, the UVIARC test may be used to determine resistance to ultra violet radiation. This test is much more severe than the salty spray and weatherometer tests on the coloring agents in the coating.

- Maximum acid dissolution weight loss shall be 2.6 mg/in² when tested in accordance with International Standard (ISO) 3210 to ensure a high quality seal.

Comment: This test determines the ability of the sealed coating to resist acid attack. It is a rigorous test, but one which should be used if the coating is to be exposed to severe conditions.

Linetec specifications meet AAMA - 611.

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