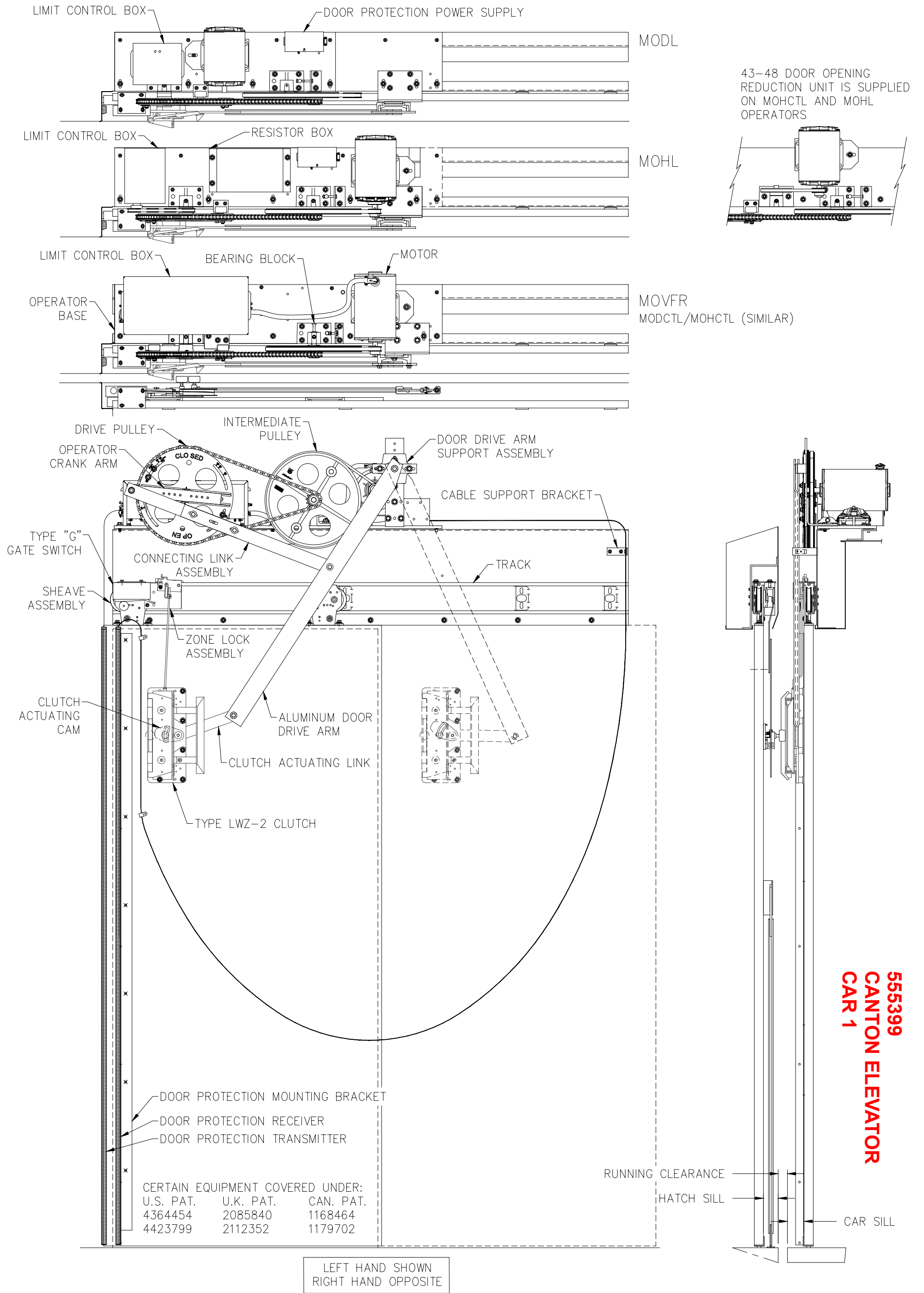




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REV	DESCRIPTION	DATE
E	DRAWING UPDATE	10-14-13
D	TEMPLATE & MOVFR UPDATED	07-09-13
C	LWZ-2 CLUTCH ADDED	10-19-05
B	MOVFR OPERATOR ADDED	05-28-04
A	MOCT OPERATOR ADDED	09-12-95



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SINGLE SPEED CAR ASSEMBLY
TYPE "A" HANGER WITH INFRARED DOOR PROTECTION

DATE	08-31-1994	REV	E
DOCUMENT No.	8221-1		

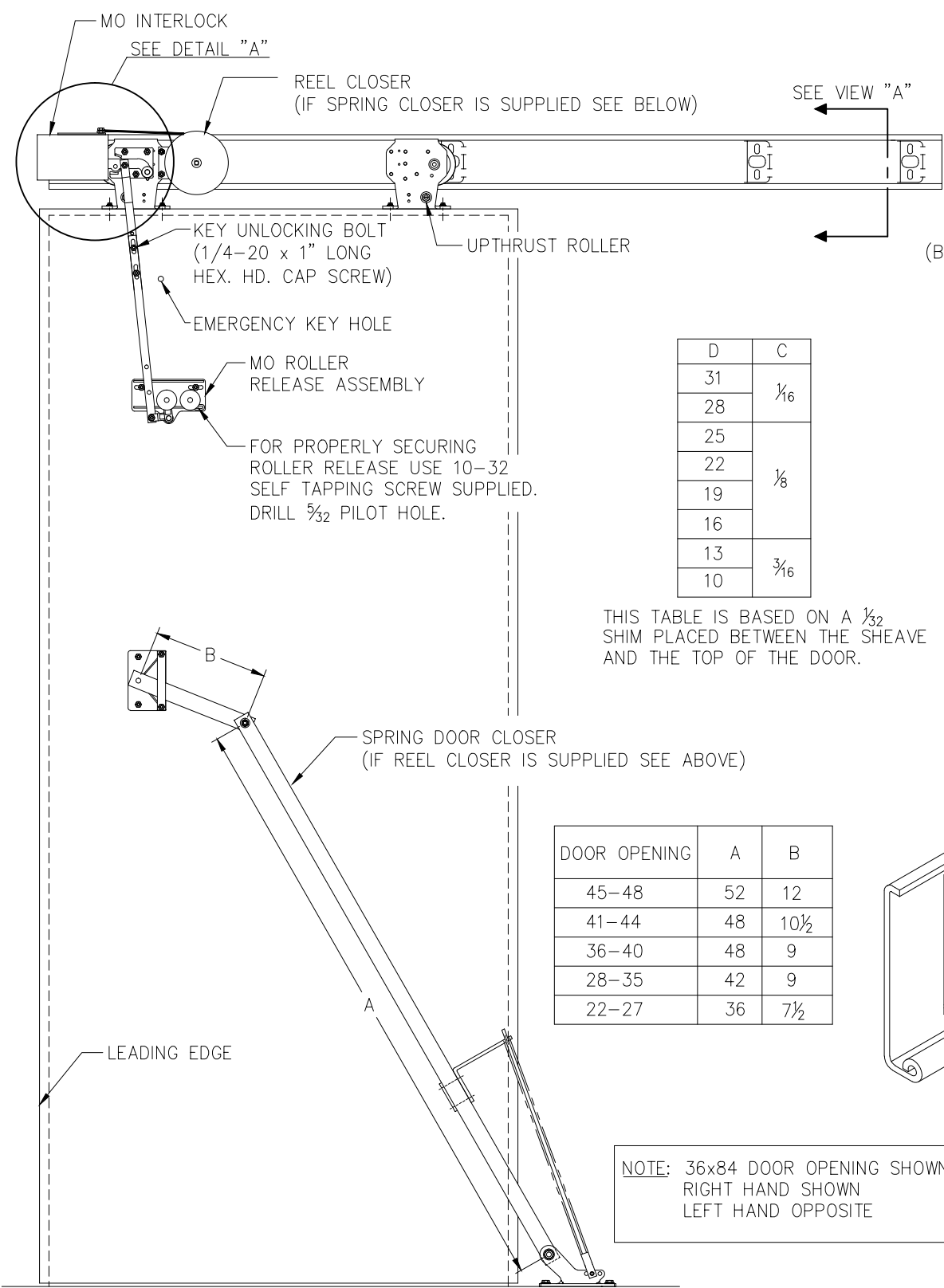


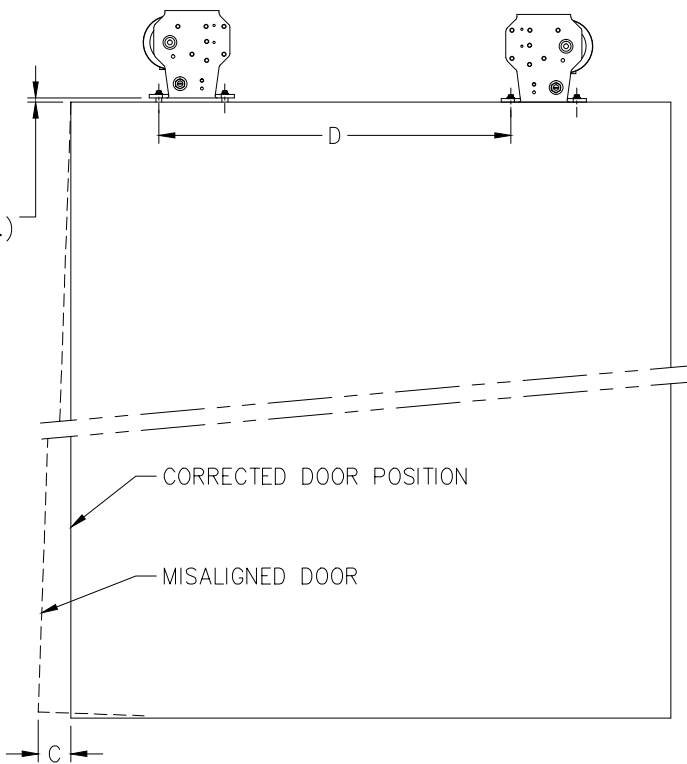
FIGURE 1

D	C
31	$\frac{1}{16}$
28	
25	
22	$\frac{1}{8}$
19	
16	
13	$\frac{3}{16}$
10	

THIS TABLE IS BASED ON A $\frac{1}{32}$ SHIM PLACED BETWEEN THE SHEAVE AND THE TOP OF THE DOOR.

DOOR OPENING	A	B
45-48	52	12
41-44	48	10½
36-40	48	9
28-35	42	9
22-27	36	7½

NOTE: 36x84 DOOR OPENING SHOWN
RIGHT HAND SHOWN
LEFT HAND OPPOSITE



TO CORRECT DOOR MISALIGNMENT
FIGURE 2

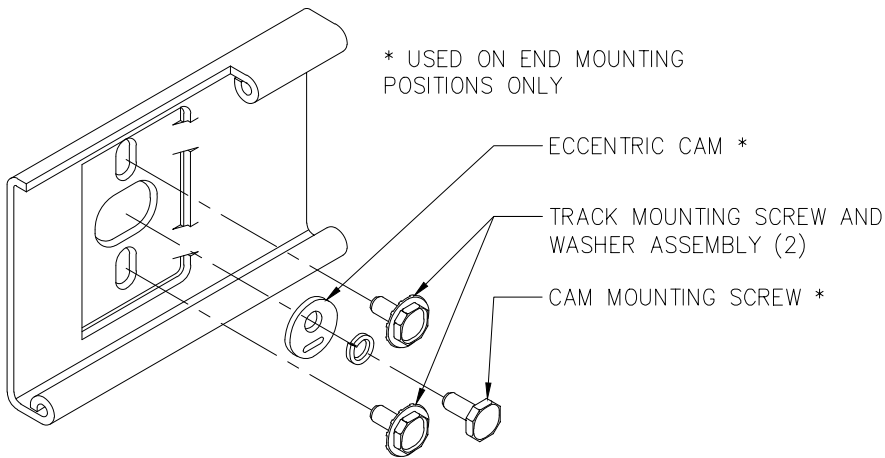
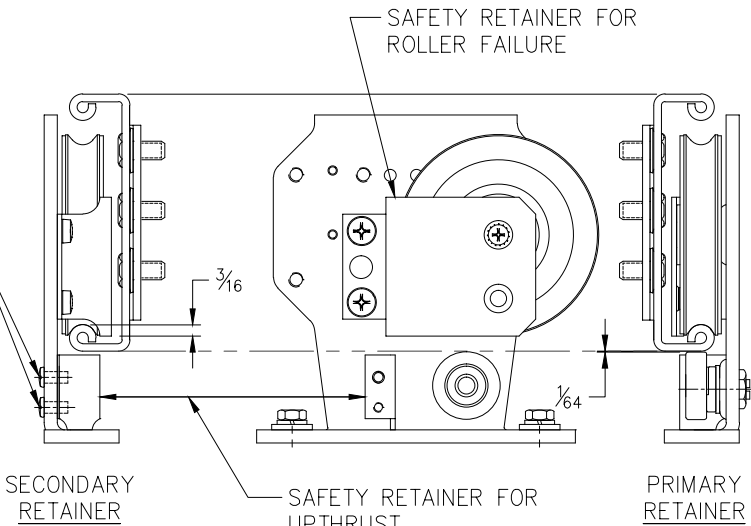
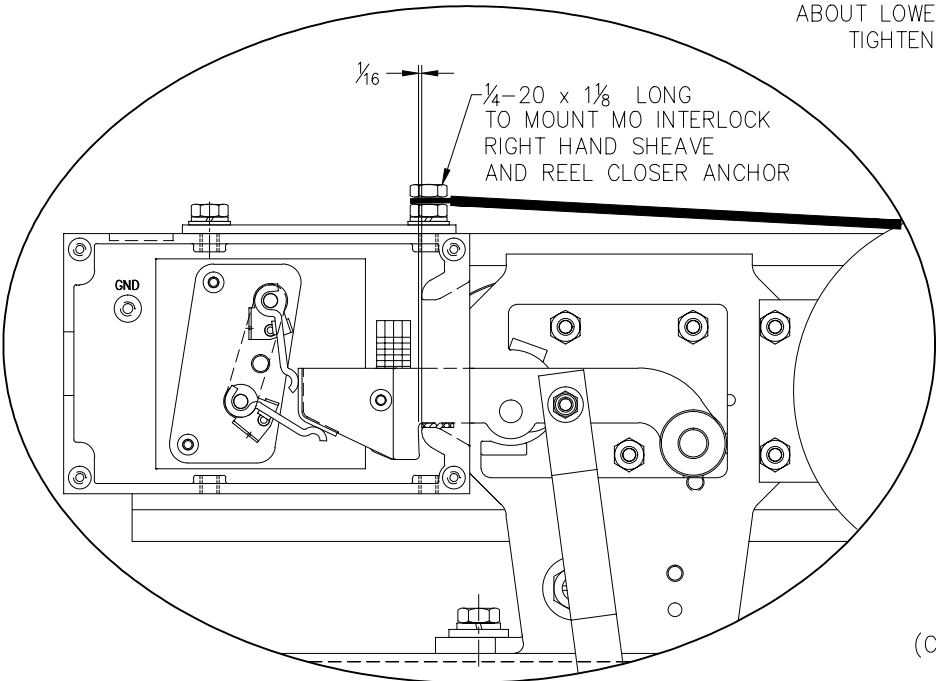


FIGURE 3

TO ASSEMBLE, REMOVE UPPER
SCREW AND ROTATE RETAINER
ABOUT LOWER SCREW. THEN
TIGHTEN BOTH SCREWS.



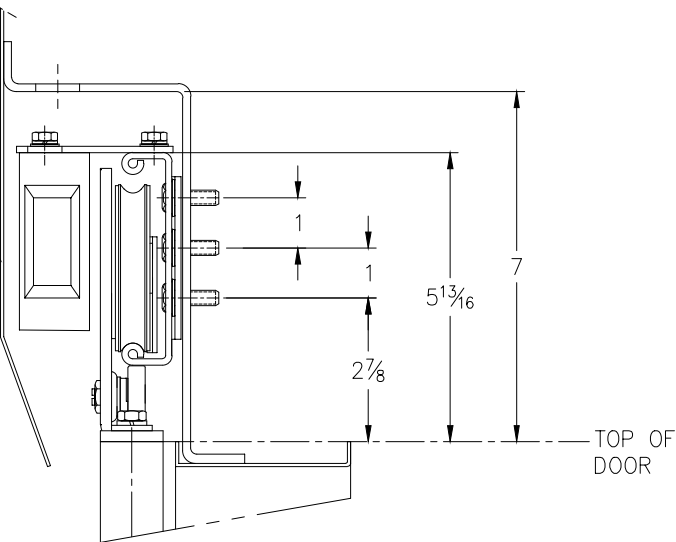
RIGHT HAND SHEAVE
FIGURE 4



DETAIL "A"

INSTALLATION INSTRUCTIONS:

1. MOUNT HANGERS TO DOOR WITH UPTHRUST ROLLERS IN LOWEST POSITION.
2. MOUNT TRACK TO HEADER AND SET ECCENTRIC CAM SO THAT THE TRACK IS IN THE LOWEST POSITION. HAND TIGHTEN ALL SCREWS. SEE FIGURE 3.
3. HANG DOOR ON TRACK AND ROTATE ECCENTRIC CAM TO GIVE DOOR REQUIRED SILL CLEARANCE. ADJUST UPTHRUST ROLLERS TO CLEAR TRACK BY APPROXIMATELY $\frac{1}{64}$ INCH.
4. CHECK DOOR MISALIGNMENT IN OPENED AND CLOSED POSITION AND CORRECT IF REQUIRED. SEE FIGURE 2.
5. IF REQUIRED, READJUST THE ECCENTRIC CAM TO GIVE DOOR REQUIRED SILL CLEARANCE.
6. TIGHTEN ALL SCREWS.



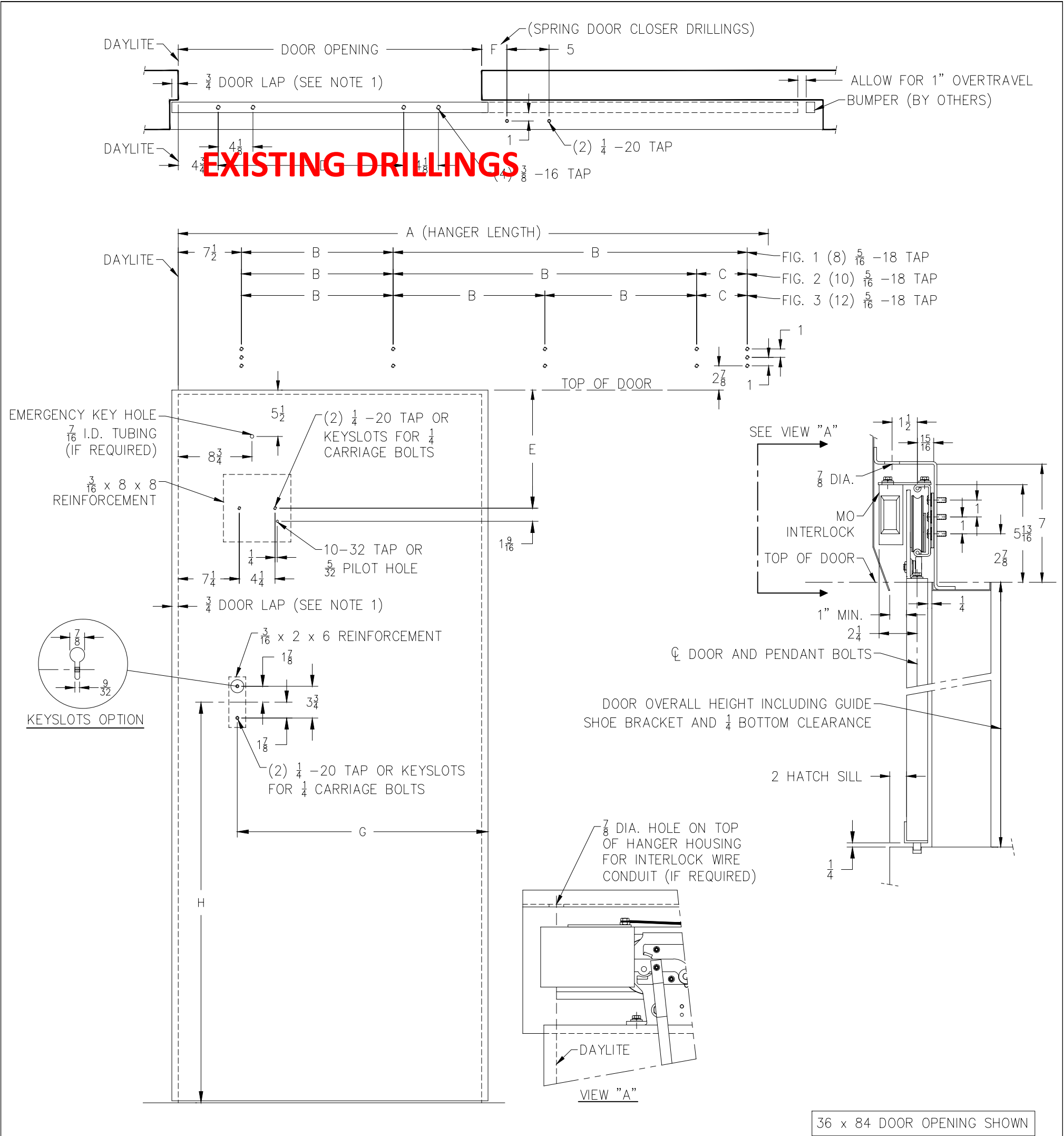
VIEW "A"

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REV	DESCRIPTION	DATE
A	UPDATE TEMPLATE & SPRING CLOSER BASE	10-15-13



SINGLE SPEED HATCH DOOR ASSEMBLY
TYPE "A" HANGER WITH REEL OR SPRING DOOR CLOSER 22-48 DOOR OPENING
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DOCUMENT No. 8251
REV A



DIMENSION TABLE					
DOOR OPENING	A	B	C	D	E
46-47-48	94	24 (FIG. 3)	12	34	22
43-44-45	88	24 (FIG. 2)	24	31	(45) 22 (43-44) 18
40-41-42	82	24 (FIG. 2)	24	28	18
37-38-39	76	24 (FIG. 2)	12	25	14
34-35-36	70	24 (FIG. 2)	12	22	14
31-32-33	64	24 (FIG. 1)	-	19	14
28-29-30	58	24 (FIG. 1)	-	16	(30) 14 (28-29) 10
25-26-27	52	18 (FIG. 1)	-	13	10
22-23-24	46	18 (FIG. 1)	-	10	10

DIMENSION TABLE			
DOOR OPENING	F	G	H
45-48	3	36 ³ / ₄	50 ¹ / ₂
41-44	3	33 ¹ / ₄	46 ¹ / ₂
36-40	3	29 ³ / ₄	47 ¹ / ₂
28-35	3	27 ¹ / ₄	42
27	2	24 ¹ / ₂	36
26	3	23 ¹ / ₂	36
25	4	22 ¹ / ₂	36
24	5	21 ¹ / ₂	36
23	6	20 ¹ / ₂	36
22	7	19 ¹ / ₂	36

NOTES:

- INTERLOCK ROLLER RELEASE, PENDANT BOLT, EMERGENCY KEY HOLE AND HANGER DRILLINGS LOCATED FROM DAYLITE, REGARDLESS OF DOOR LAP SIZE. G.A.L. PREFERS 3/4 LAP.
- DRAWINGS ARE BASED ON EQUAL CAR AND HOISTWAY DOOR HEIGHTS ±1 INCH. IF DOOR HEIGHTS DIFFER, NOTIFY G.A.L. AND HOISTWAY DOOR MANUFACTURER.

AS SHOWN R.H. _____
SYMMETRICALLY _____
OPPOSITE L.H. _____
DOOR HEIGHT _____
JAMB HEIGHT _____

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B	LAYOUT UPDATE	11-18-13
A	LAYOUT UPDATE	7-11-13
REV	DESCRIPTION	DATE

HATCH REINFORCEMENT AND DRILLINGS SINGLE SPEED TYPE "A" HANGER WITH REEL OR SPRING DOOR CLOSER 22-48 DOOR OPENING

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DATE	11-11-94	REV	
DOCUMENT No.	8241		B

