

ALLEGION - SCHLAGE LOCK COMPANY, LLC.

GLAZED OUTSWING/INSWING COMMERICAL STEEL SINGLE DOOR

(NON-HVHZ)(NON-IMPACT)

- GENERAL NOTES:
1.

THESE PRODUCTS HAVE BEEN TESTED TO ASTM PROTOCOLS E330-14 AND E331-00 (09) AND COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
2.

THE DOORS ARE NON-IMPACT RATED.

- NOTES:
1.

ALL DIMENSIONS SHOWN MAX. AND TYP. FOR ALL DOOR/FRAME MODELS UNLESS OTHER INDICATED.
2.

ANCHOR REQUIREMENTS: SEE SHEET 16 - 21 & 28 - 33 FOR APPROVED ANCHORS AND INSTALLATION.
3.

HINGE REQUIREMENTS:
FOR DOOR OPENING UP TO 90" HIGH - MIN. (3) BUTT HINGES
FOR DOOR OPENING OVER 90" - 96" HIGH - MIN (4) BUTT HINGES
LOCATIONS: 7.125" MIN - 9.75" MAX. FROM RABBET IN HEAD TO CL OF TOP HINGE
9" MIN. -12.25" MAX. FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN.
HINGE LOCATIONS MAY VARY, MAX SPACING NOT TO EXCEED 35.5" FOR THREE HINGES.
4.

APPROVED CONTINUOUS HINGE MODELS: SEE SHEET 24
5.

SEE SHEETS 2-6, 11, 25, AND 27 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
6.

HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
7.

HEAD SECTION CAN HAVE 4" FACE DIMENSIONS WHEN IT'S GROUTED WITH CONCRETE.
8.

APPLY CAULK AS NEEDED
9.

WHEN WATER INFILTRATION RATING IS NOT REQUIRED, INSTALL GASKETING PER SHEETS 22.
10.

WHEN WATER INFILTRATION RATING IS REQUIRED, INSTALL GASKETING PER SHEETS 23.
11.

MASONRY WIRE, T ANCHORS AND EXISTING MASONRY ANCHORS WITHOUT BOLT MAY BE USED IN MIN. 2700PSI POURED CONCRETE TILT UP WALLS.
12.

WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD DESIGN.
13.

ELECTRIFIED AND FIRE RATED OPTIONS OF APPROVED HARDWARE ARE ACCEPTABLE.
INSTALLATION AND APPLICATION IS UNDER SEPARATE APPROVAL AND IS REVIEWED BY THE CORRESPONDING AUTHORITY. FIRE RATING NOT PART OF THIS APPROVAL, CONSULT MANUFACTURER FOR APPROVED CONFIGURATIONS.
14.

OPTIONAL POWER TRANSFERS, MONITORING SWITCHES, SUPPLEMENTAL MAGNETIC LOCKS MAY BE USED AS ALLOWED BY CODE AND DOES NOT EFFECT THE MECHANICAL PROPERTIES OF HARDWARE AND OR INHIBIT EGRESS. TO BE REVIEWED BY THE BUILDING OFFICIAL.
15.

INSTALL CUTOUT REINFORCEMENT CHANNELS (ITEM #20) AROUND EACH LITE CUTOUT

DESIGN PRESSURE RATING				IMPACT RATING
CONFIGURATION	WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NEEDED (OUTSWING ONLY)	WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NEEDED (OUTSWING)	WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NEEDED (INSWING)	
1	+50/-40	+50/-40	+40/-50	NON-IMPACT RATED
2	+50/-40	+50/-40	+40/-50	
3	+50/-40	+50/-40	+40/-50	
4	+50/-40	+50/-40	+40/-50	
5	+50/-40	+50/-40	+40/-50	
6	+50/-40	+50/-40	+40/-50	
7	+50/-40	+50/-40	+40/-50	
8	+50/-40	+50/-40	+40/-50	
9	+50/-40	+50/-40	+40/-50	
10	+50/-40	+50/-40	+50/-50	
11	+50/-40	+50/-40	+40/-50	

- CONSTRUCTION NOTES:
1.

DOOR CONSTRUCTION

1.1.

NOMINAL DOOR THICKNESS - 1 3/4"

1.2.

DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS
2.

FRAME CONSTRUCTION

2.1.

MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"

2.2.

STEELCRAFT FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 4, SHT. 12). REPUBLIC DOOR FRAME OPTIONS AVAILABLE AS ME-SERIES AND SE-SERIES (SEE TABLE 11, SHT. 27).
3.

FOR STEELCRAFT DOOR SPECIFICATIONS REFERENCE SEE TABLE 3, SHT. 11. FOR REPUBLIC DOOR SPECIFICATIONS REFERENCE SEE TABLE 10, SHT. 27.
4.

FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 12 & 27 FOR DETAIL.

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GENERAL NOTES &
DESIGN PRESSURE TABLE

PREPARED BY:

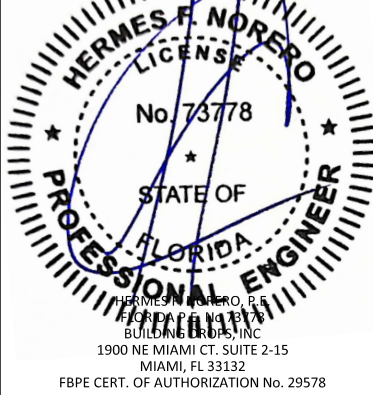
BUILDING DROPS, INC.

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WEB: www.buildingdrops.com

REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.12.10 18:49:05 -05'00'



FL10356

DATE: 05.12.23

DWG. BY: DI CHK. BY: HFN

SCALE: NTS

DWG. #: GSDA330

SHEET: 1 OF 33

TABLE 1: DOOR CONFIGURATIONS AND LOCKING HARDWARE

DOOR CONFIGURATION	MAXIMUM DESIGN PRESSURE, PSF		MAXIMUM DOOR OPENING SIZE, IN		MAXIMUM EXPOSED GLAZING SIZE (DLO)*, IN.		LOCKING HARDWARE DESCRIPTION				COMMENTS
	OUTSWING	INSWING	WIDTH	HEIGHT	WIDTH	HEIGHT	HARDWARE FAMILY	MODEL/SERIES	STRIKE MODELS	BRAND	
1	+50 / -40	+40 / -50	48	96	34.25	74.5	MORTISE LOCK	L/LV9000, AD-MS, CO-MS, PM	STANDARD	SCHLAGE	FUNCTIONS WITHOUT DEADBOLT, 3/4" MIN. THROW LATCH
								LE-MS, LEB-MS, LE-MB, LEB-MB			
								XE360-M-B, XE360-M-I			
								L/LV9400, AD-MD, CO-MD, PM400	STANDARD	SCHLAGE	FUNCTIONS WITH 1" THROW DEADBOLT, 3/4" MIN. THROW LATCH
								LE-MD, LEB-MD			
								XE360-M-D			
MA	STANDARD	FALCON	FUNCTIONS WITH OR WITHOUT DEADBOLT, 3/4" MIN. THROW LATCH								
2	+50 / -40	+40 / -50	48	96	34.25	74.5	MORTISE LOCK	L/LV9000, AD-MS, CO-MS, PM	VON DUPRIN ELECTRIC STRIKE MODELS: 6210, 6211, 6212, 6213, 6214, 6215	SCHLAGE	FUNCTIONS WITHOUT DEADBOLT, 3/4" MIN. THROW LATCH
								LE-MS, LEB-MS, LE-MB, LEB-MB			
								XE360-M-B, XE360-M-I			
								MA		FALCON	
								L/LV9400, AD-MD, CO-MD, PM400	VON DUPRIN ELECTRIC STRIKE MODELS: 6216	SCHLAGE	FUNCTIONS WITH DEADBOLT, 3/4" MIN. THROW LATCH
								LE-MD, LEB-MD			
								XE360-M-D		FALCON	
								MA			
3	+50 / -40	+40 / -50	48	96	34.25	74.5	CYLINDRICAL LOCK	ND, NDE, NDEB, A, AL, S, AD-CY, CO-CY	STANDARD	SCHLAGE	1/2" MIN. THROW LATCH
								ALX, PC		SCHLAGE	1/2" MIN. THROW LATCH (13-247, 14-028, 14-048)
								B/X		FALCON	1/2" MIN. THROW LATCH
								T, TM			1/2" MIN. THROW LATCH (23981145)
4	+50 / -40	+40 / -50	48	96	34.25	74.5	CYLINDRICAL LOCK	ND, NDE, NDEB, A, AL, S, AD-CY, CO-CY	VON DUPRIN ELECTRIC STRIKE MODELS: 6211, 6212, 6213, 6214, 6215	SCHLAGE	1/2" MIN. THROW LATCH
								ALX, PC		SCHLAGE	1/2" MIN. THROW LATCH (13-247, 14-028, 14-048)
								B/X		FALCON	1/2" MIN. THROW LATCH
								T, TM			1/2" MIN. THROW LATCH (23981145)
5	+50 / -40	+40 / -50	48	96	34.25	74.5	MORTISE DEADLOCK	L400	STANDARD	SCHLAGE	1" THROW BOLT
							CYLINDRICAL DEADLOCK	B600/B700/B800			
6	+50 / -40	+40 / -50	48	96	34.25	74.5	RIM EXIT DEVICE	22, 22-F	299/299-F	VON DUPRIN	
								98, 99, 98-F, 99-F			
								HW78, HW78-F			
								33A, 35A, 33A-F, 35A-F			
								HW75, HW75-F			
								55			
								88, 88-F	299/299-F, 268/468		
								XP98, XP99, XP98-F, XP99-F	909/954		
								19-R, F-19-R	299/299-F	FALCON	
								24-R, F-24-R	F570/F490		



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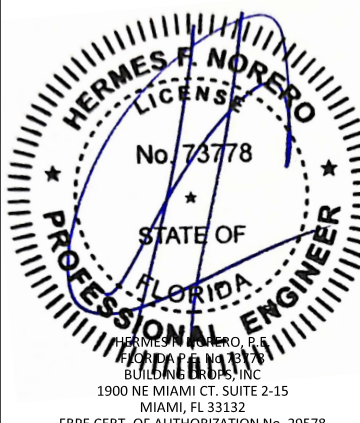
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HERMES F. NORERO, P.E.
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FBPE CERT. OF AUTHORIZATION No. 29578

FL10356

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SHEET: 2 OF 33

TABLE 1: DOOR CONFIGURATIONS AND LOCKING HARDWARE CONT.

DOOR CONFIGURATION	MAXIMUM DESIGN PRESSURE, PSF		MAXIMUM DOOR OPENING SIZE, IN		MAXIMUM EXPOSED GLAZING SIZE (DLO)*, IN.		LOCKING HARDWARE DESCRIPTION				COMMENTS
	OUTSWING	INSWING	WIDTH	HEIGHT	WIDTH	HEIGHT	HARDWARE FAMILY	MODEL/SERIES	STRIKE MODELS	BRAND	
7	+50 / -40	+40 / -50	48	96	34.25	74.5	SURFACE VERTICAL ROD EXIT DEVICE	2227, 2227-F	TOP: 299/299-F BOTTOM: 304L	VON DUPRIN	NOT APPROVED FOR USE ON SINGLE FIRE RATED DOORS
								3327A, 3527A, 3327A-F, 3527A-F			
								HW7527, HW7527-F			
								8827			
								9827, 9927, 9827-F, 9927-F			
								HW7827, HW7827-F			
								24-V, F-24-V	TOP: 3788 BOTTOM: 2130	FALCON	
								25-V, F-25-V			
19-V, F-19-V											
8	+50 / -40	+40 / -50	48	96	34.25	74.5	CONCEALED VERTICAL ROD EXIT DEVICE	3347A, 3547A, 3347A-F, 3547A-F, HH3347A, HH3547A	TOP: 338 BOTTOM: 304L	VON DUPRIN	NOT APPROVED FOR USE ON SINGLE FIRE RATED DOORS HH98/9947 DEVICE HAS A 2-3/4" BACKSET
								HW7547, HW7547-F			
								9847, 9947, 9847-F, 9947-F, HH9847, HH9947			
								HW7847, HW7847-F			
								9447, 9547, 9447-F, 9547-F			
								5547	TOP: 471U BOTTOM: 304L		
								24-C, F-24-C	TOP: 4188 BOTTOM: 2130	FALCON	
								25-C, F-25-C			
9	+50 / -40	+40 / -50	48	96	34.25	74.5	THREE-POINT LATCHING DEVICE	9857, 9957, 9857-F, 9957-F	TOP: 299/299-F MIDDLE: 299/299-F BOTTOM: 304L	VON DUPRIN	
10	+50 / -40	+40 / -50	48	96	34.25	74.5	MORTISE EXIT DEVICE	9875, 9975, 9875-F, 9975-F	575	VON DUPRIN	
								8875 & 8875-F			
								9475, 9575, 9475-F, 9575-F			
								25-M & F-25-M	1279	FALCON	
11	+50 / -40	+40 / -50	48	96	34.25	74.5	EXIT ALARM LOCK	2670 GUARD-X	267	VON DUPRIN	

1. * DLO - DAYLIGHT OPENING, SAME AS EXPOSED GLASS OR FINISHED OPENING. SEE SHEETS 13, 14 & 15 FOR GLAZING TYPES, DETAILS AND LIMITATIONS.
2. EXIT HARDWARE OPTIONS:

FOR 98/99, XP98/99, 94/95, 33A/35A, HW75, HW78, AND 22 SERIES -OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, LD, PN TRIM: ALL APPLICABLE TRIMS AVAILABLE.

FOR 88 AND 55 SERIES - OPTION E TRIM: ALL APPLICABLE TRIMS AVAILABLE.

PN MODEL OFFERED.

FOR FALCON 24 AND 25 SERIES - OPTIONS DM, LM, RX, KOR, MEL, EA, FSA, FSE, CD, LD FOR FALCON 19 SERIES TRIM: ALL APPLICABLE TRIMS AVAILABLE



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TABLE 1: DOOR CONFIG. &
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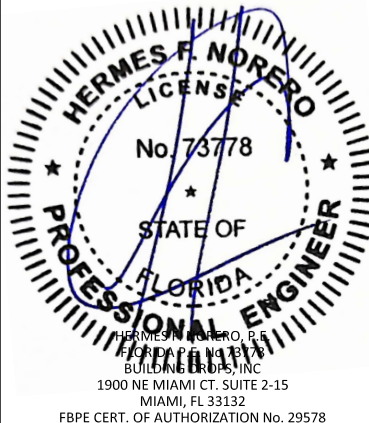
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SHEET:

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DOOR CONFIGURATIONS 1-6

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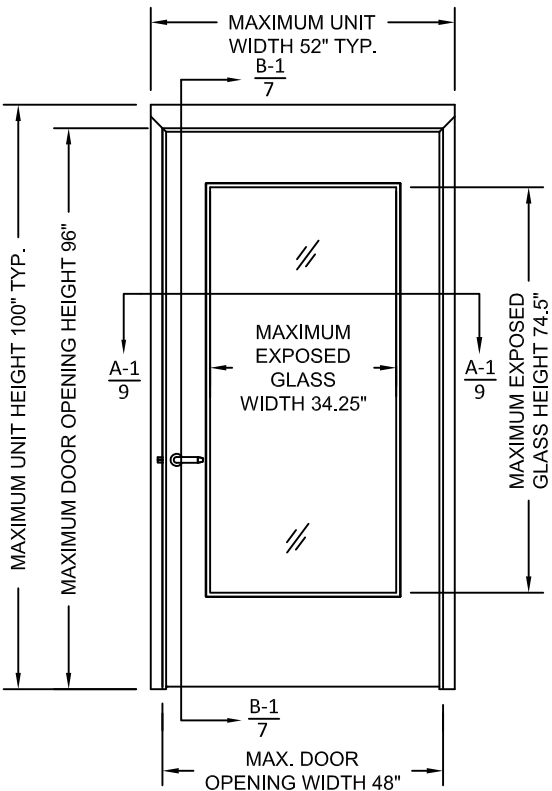
SHEET:

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OF 33

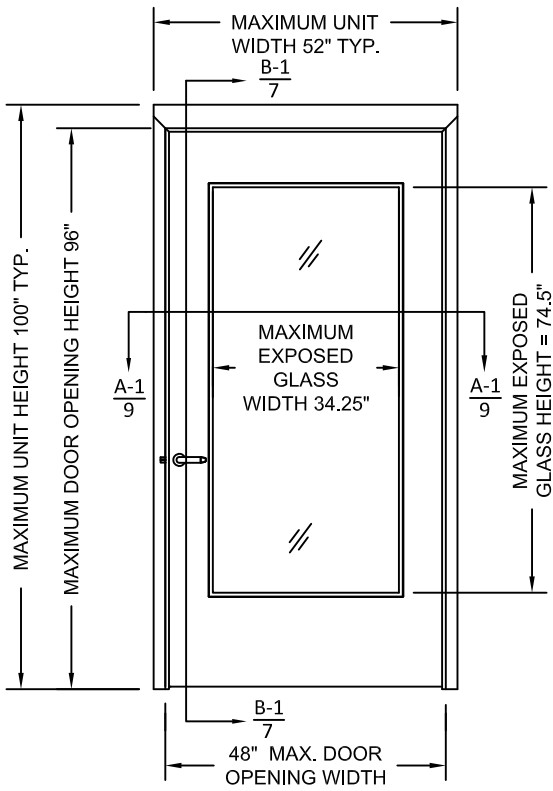
CONFIGURATION 1

MORTISE LOCKSET
WITH OR WITHOUT DEADBOLT



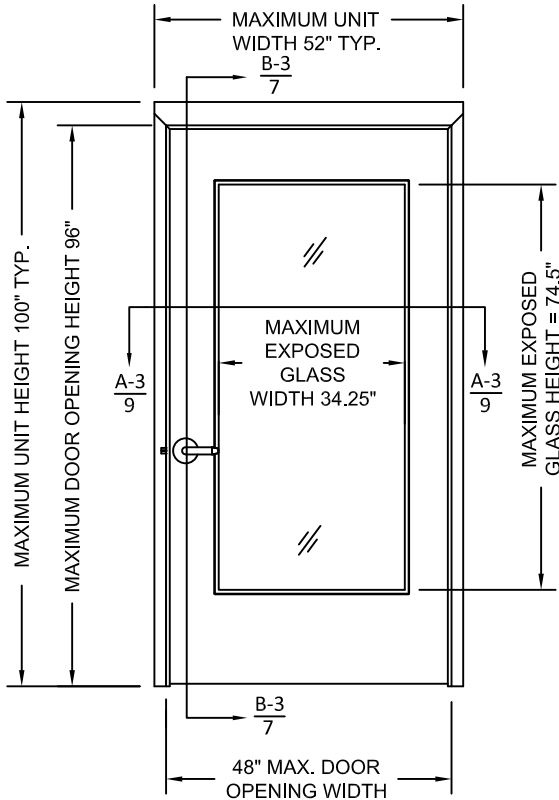
CONFIGURATION 2

MORTISE LOCKSET
WITH OR WITHOUT DEADBOLT WITH
ELECTRIC STRIKE



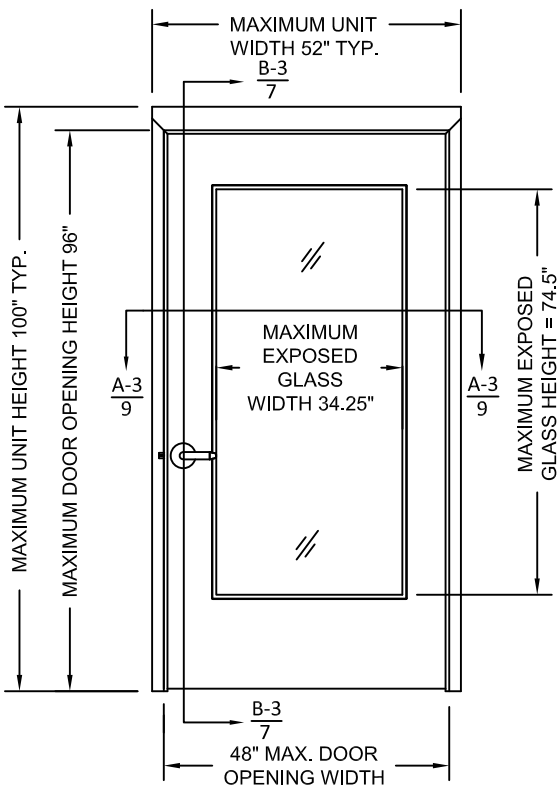
CONFIGURATION 3

CYLINDRICAL LOCKSET
1/2" MIN. THROW LATCH



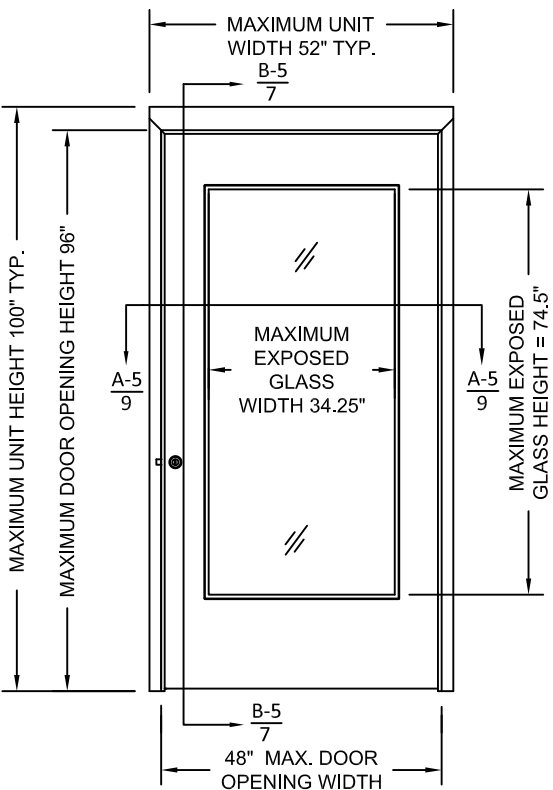
CONFIGURATION 4

CYLINDRICAL LOCKSET
1/2" MIN. THROW LATCH WITH
ELECTRIC STRIKE



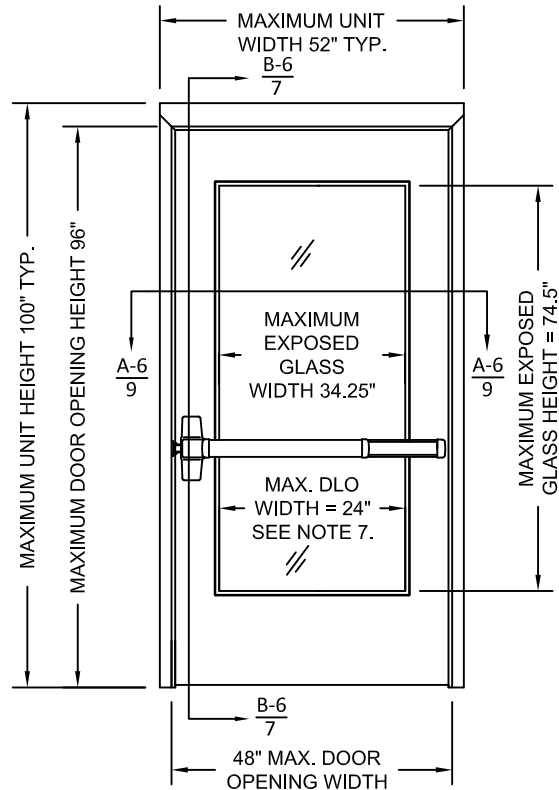
CONFIGURATION 5

CYLINDRICAL OR MORTISE DEADBOLT



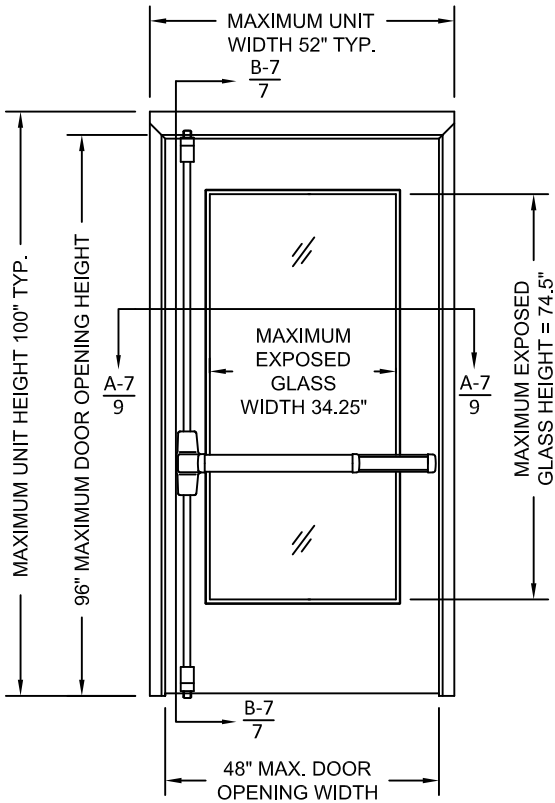
CONFIGURATION 6

RIM EXIT DEVICE



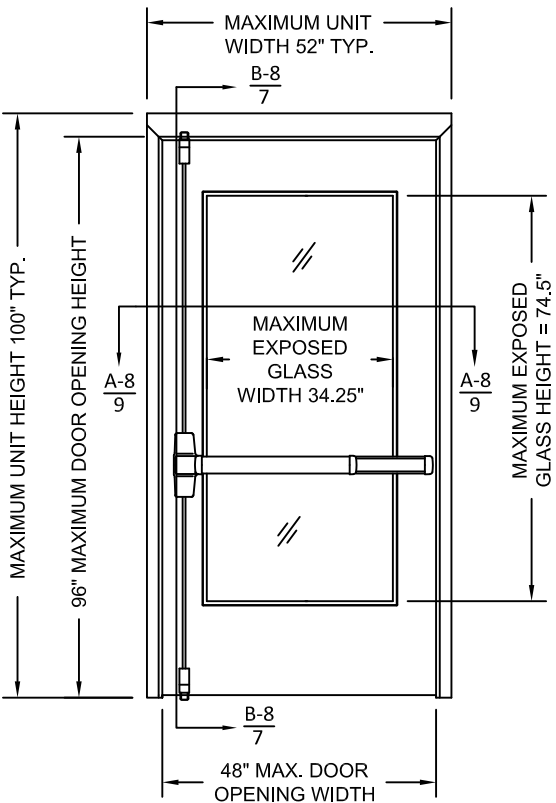
CONFIGURATION 7

SURFACE VERTICAL ROD EXIT DEVICE



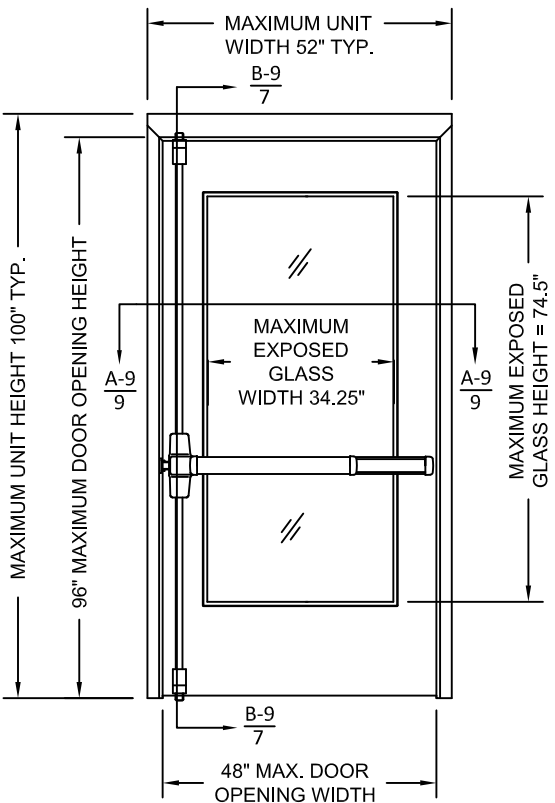
CONFIGURATION 8

CONCEALED VERTICAL ROD EXIT DEVICE



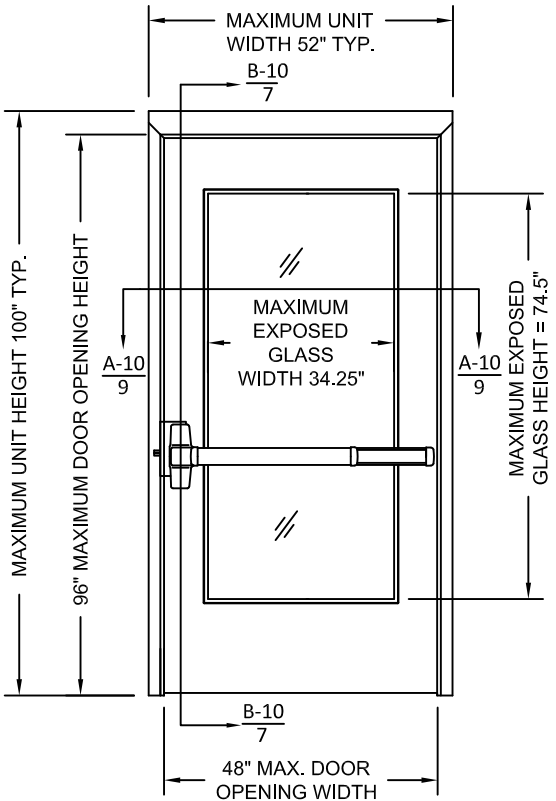
CONFIGURATION 9

THREE-POINT LATCHING EXIT DEVICE



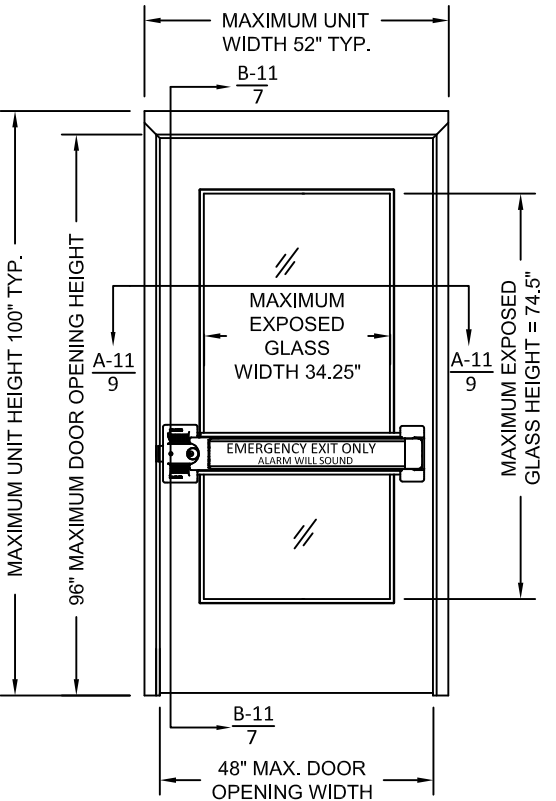
CONFIGURATION 10

MORTISE EXIT DEVICE



CONFIGURATION 11

EXIT ALARM LOCK



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DOOR CONFIGURATIONS 7-11

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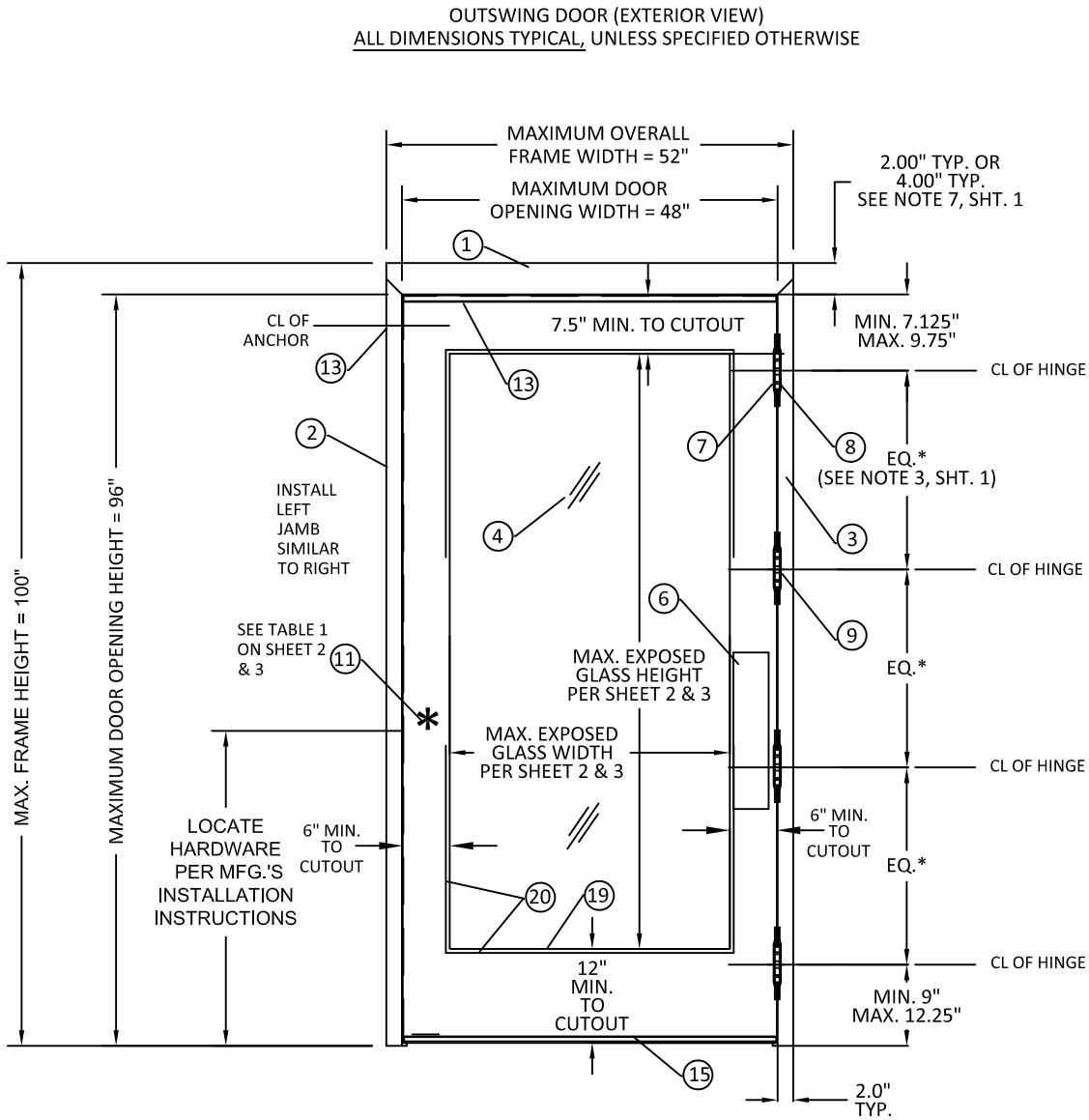


TABLE 2: (FOR OPTION 2 SEE TABLE 9 SHT. 25)

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE	
1	1	HEAD, SEE SHT. 12	.053" MIN. STL	MAX. 52"	
2	1	STRIKE JAMB	.053" MIN. STL	MAX. 100" HEIGHT	
3	1	HINGE JAMB, SEE SHT. 12	.053" MIN. STL	MAX. 100" HEIGHT	
4	VARIES	LEXAN BY SABIC INNOVATIVE PLASTICS	.25" OR .50"	VARIES - SEE SHEET 2 & 3	
		LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER	.562" TYP.		
		SUPERLITE II-XL BY SAFTI W/ KURARAY SENTRYGLAS INTERLAYER	1.06" OR 1.438" TYP.		
		5/16" HS LAMINATED GLASS WITH SAFLEX CP BY EASTMAN INTERLAYER	.3125" TYP.		
6	AS NEEDED	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"	
7	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.167" MIN. STL	1.23" X 9.19" MIN.	
8	NOTE 3, SHT. 1	HINGE REINFORCEMENT FRAME	.167" MIN. STL	1.5" X 9.19" MIN.	
9	NOTE 3, SHT. 1	4.5" MIN. BUTT HINGES (SEE SHT. 24)	.134 MIN. STL.	(8) #12-24 MS PER HINGE	
		OPTIONAL CONTINUOUS HINGE (SEE SHEET 24)	.075" MIN.STL /.110 ALUM.	MAX. 95"	
10	1	CORE MATERIAL:			
		D) HONEYCOMB C) STEEL STIFFENED	SEE SHT. 11		
		A&F) POLYSTYRENE B&F) POLYURETHANE/POLYISOCYANURATE			
		E) MINERAL BOARD TEMPERATURE RISE CORE			
11	1	LOCKING HARDWARE - LOCKSET	SEE SHTS. 2-3		
12	1	THRESHOLD SILL W/BUMPER GASKET (SHT. 22-23)			
		12A) 566 ZERO 12F) 565 ZERO	.125" ALUM. 6063 T5	48" MAX	
		12B) 950A NGP	.078" ALUM. 6063 T5		
		12C) 65 ZERO 12G) 560 ZERO	0.125" ALUM. 6063 T5		
		12D) 568 ZERO	0.125" ALUM. 6063 T5		
		12E) 803V	0.100" ALUM. 6063 T5		
13	NOTE 2, SHT. 1	JAMB ANCHOR	SEE SHTS. 16-20 & 28-32	-	
14	SEE SHTS. 22-23	14A) PS074 DOOR SEAL	TPE	VARIES	
		14B) 188S, 14C) 117S, 14D)8145S, 14E)8150S 14F)8042S	SILICONE		
15	1	FAS-SEAL DOOR SWEEP	TPE	MAX. 48"	
16	2	END CHANNEL (14 GAGE - INVERTED)	-	.69" X 1.66" X 48" MAX.	
18	AS NEEDED	CAULK - BUTYL RUBBER OR SILICONE	SEE SHTS. 22-23	-	
19	AS NEEDED	GLAZING HOLDING TRIM SEE SHT. 15		VARIES - EXPOSED GLASS MAX SEE SHTS. 2-3 & 13 FOR DETAILS & LIMITATIONS	
		A) DEZIGNER TRIM			
		B) STEEL OVERLAPPING TRIM			
		F) STEEL OVERLAPPING TRIM			
		E) HIGH SECURITY VISION FRAME	SG-10 BY ANEMOSTAT		.093" (12GA) MIN. STL.
			VLF-S10 BY AIR LOUVERS		.123" (10GA) MIN. STL.
		D) VLF-EZHRC			.032" MIN. STL.
		C) VLF IGHRC			
20	NOTE 15, SHT. 1	CUTOUT REINFORCEMENT CHANNEL (18GA)		0.5" MIN. X 1.66" X 35.5"W & 75.5"H MAX.	
21	1	DOOR SLAB (18, 16 OR 14 GA)	SEE SHT. 11	3' X 7' OR 4' BY 8' MAX	
23	SEE SHTS. 22-23	202N DOOR SWEEP BY NGP	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL	
24	SEE SHTS. 22-23	24A) 139 DOOR SWEEP BY ZERO INT'L	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL	
		24B) 328 DOOR SWEEP BY ZERO INT'L			
		24C) 200N DOOR SWEEP BY NGP			
25	SEE SHTS. 22-23	25A) 475 ADJUSTABLE SEAL BY ZERO INT'L	TPE	MAX 104"	
		25B) 170N ADJUSTABLE SEAL BY NGP			
26	SEE SHTS. 22-23	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHTS. 22-23	MAX. 36 " OR 48"	
		26B) 11 RAIN DRIP BY ZERO INT'L			
		26C) 16A RAIN DRIP BY NGP			
27	1	27A) TOP GALV. A60	.020" MIN. STL	MAX. 48"	
		27B) 18 GA DOOR FLUSH TOP CAP	.047" MIN. STL		



ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

STEELCRAFT: OPENING DIMENSIONS
& BOM

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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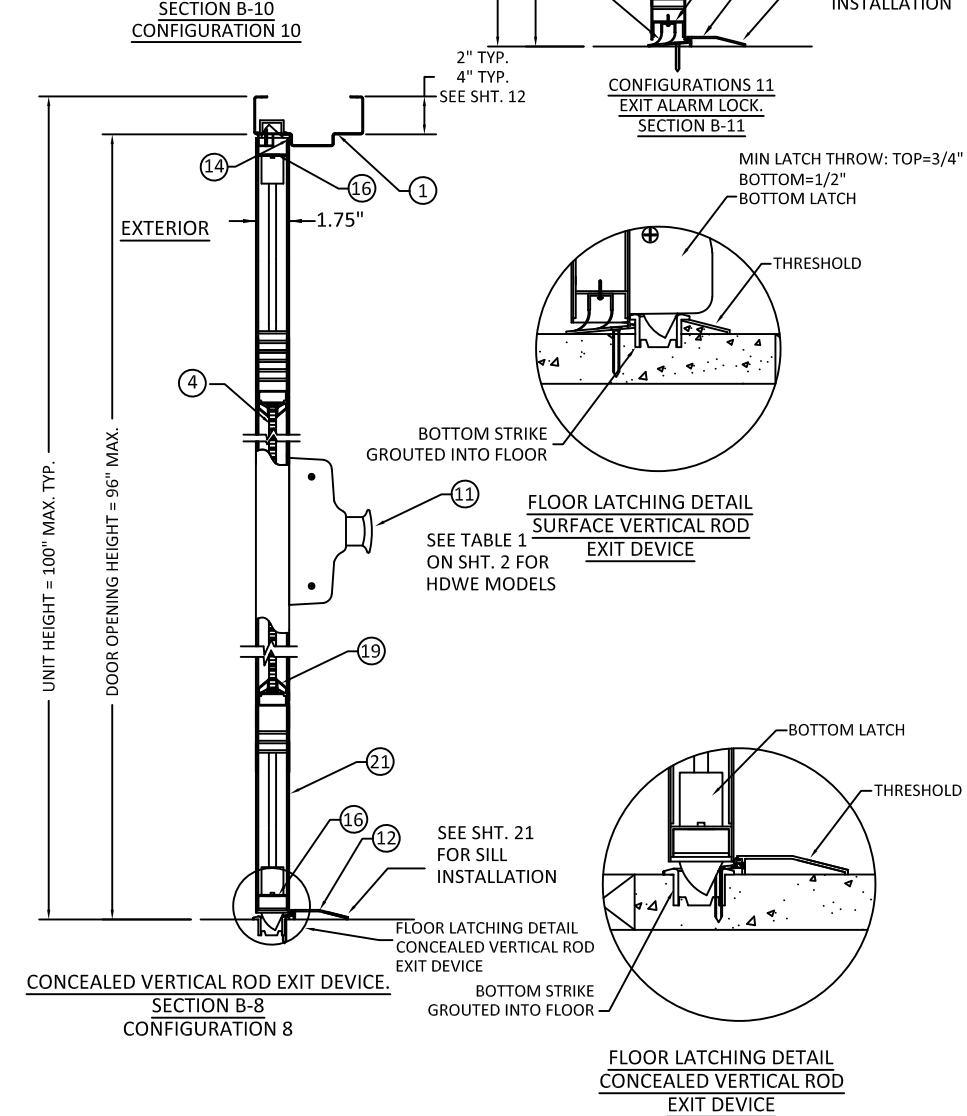
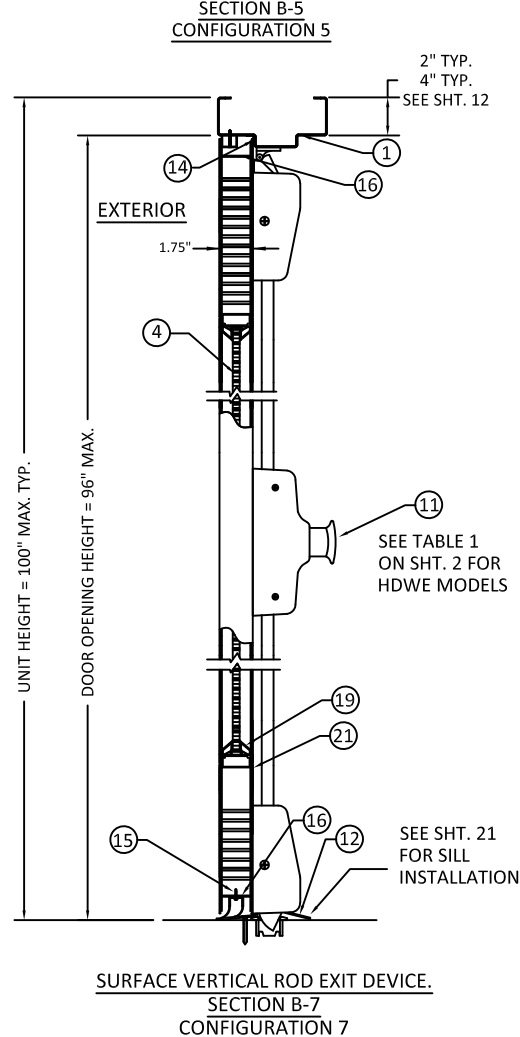
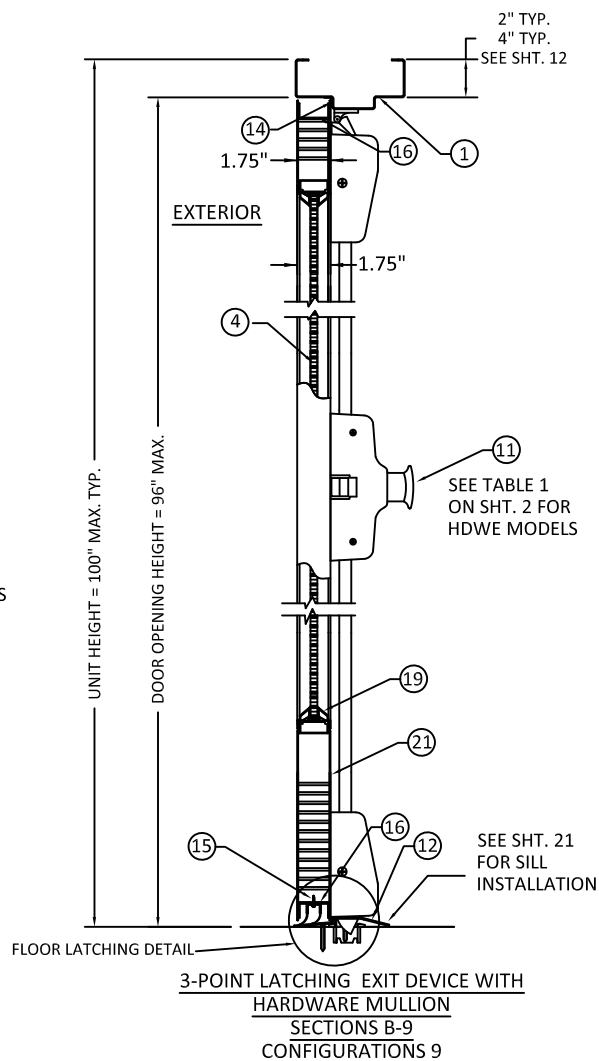
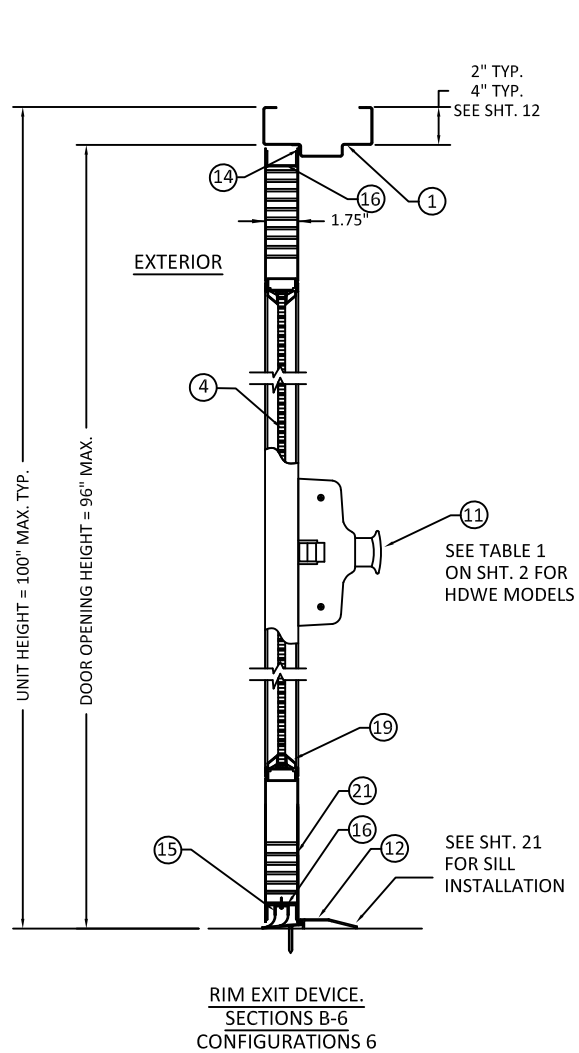
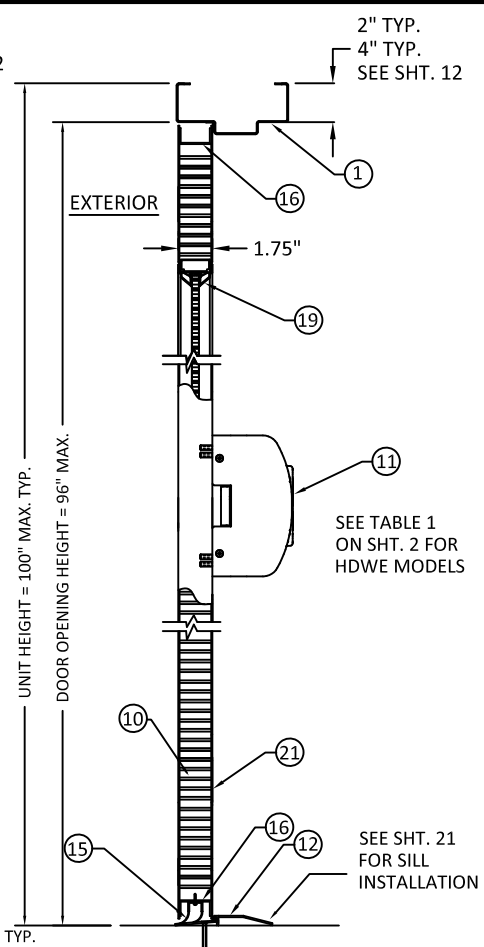
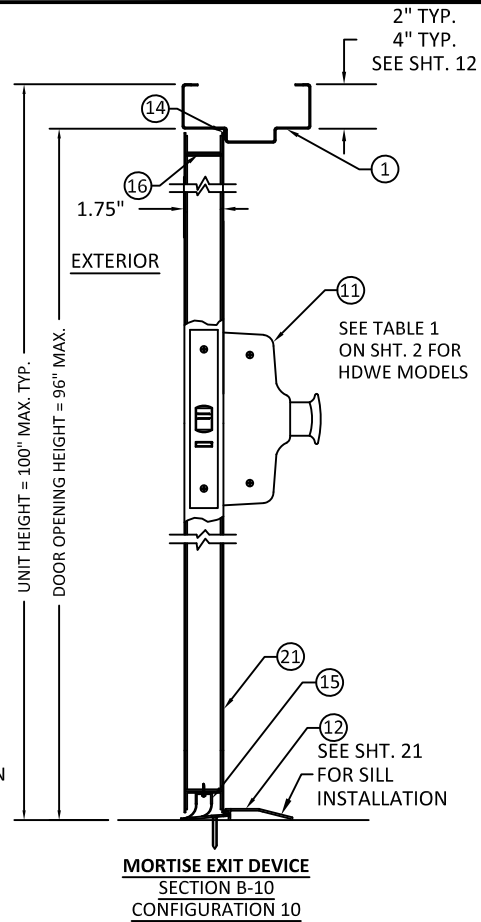
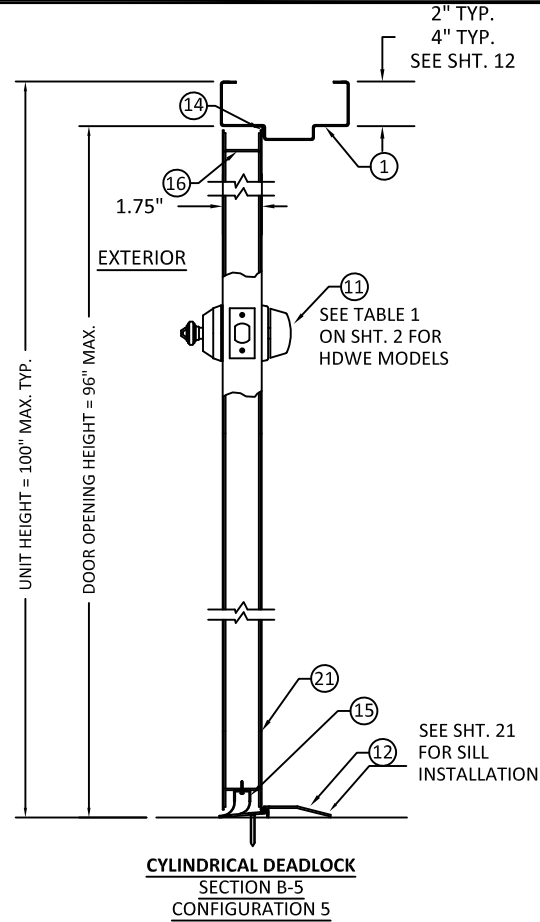
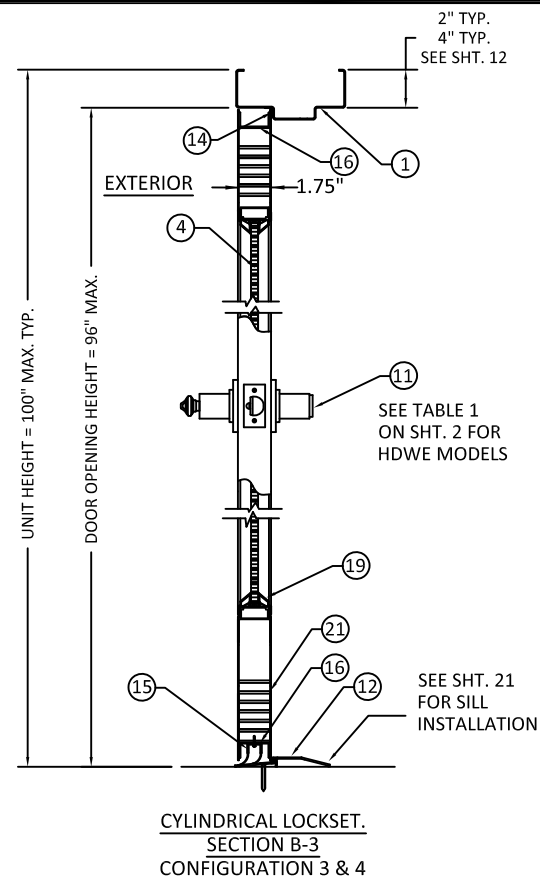
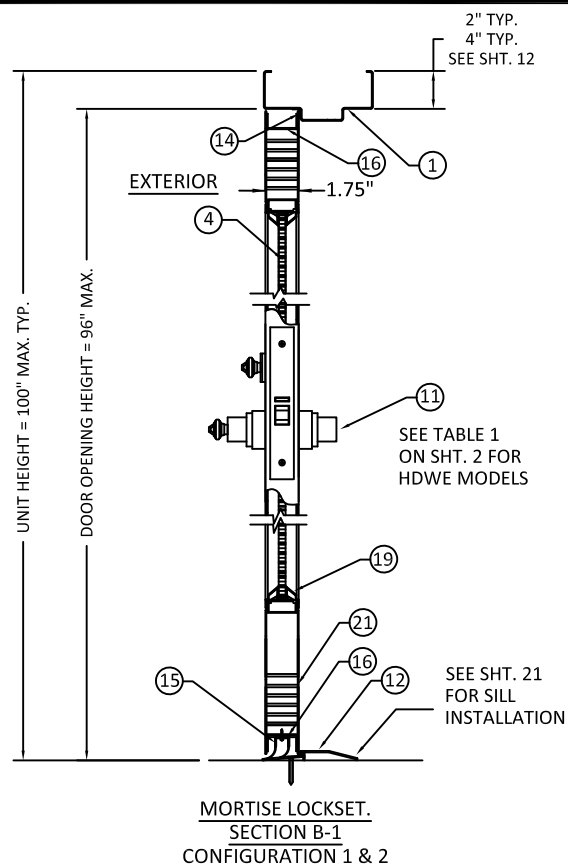
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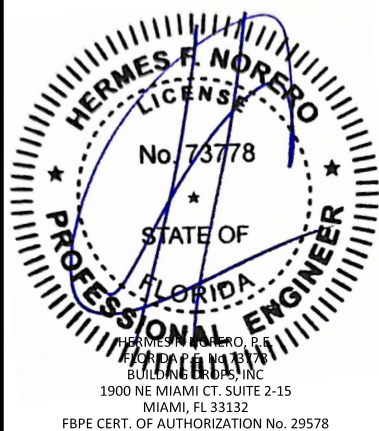
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)
DOOR & FRAME OUTSWING
VERTICAL SECTION VIEWS

PREPARED BY:
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OF 33



ALLEGION - SCHLAGE LOCK COMPANY, LLC.
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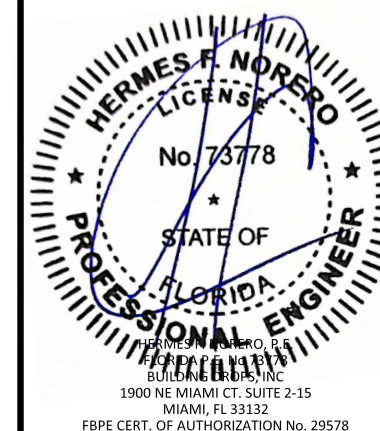
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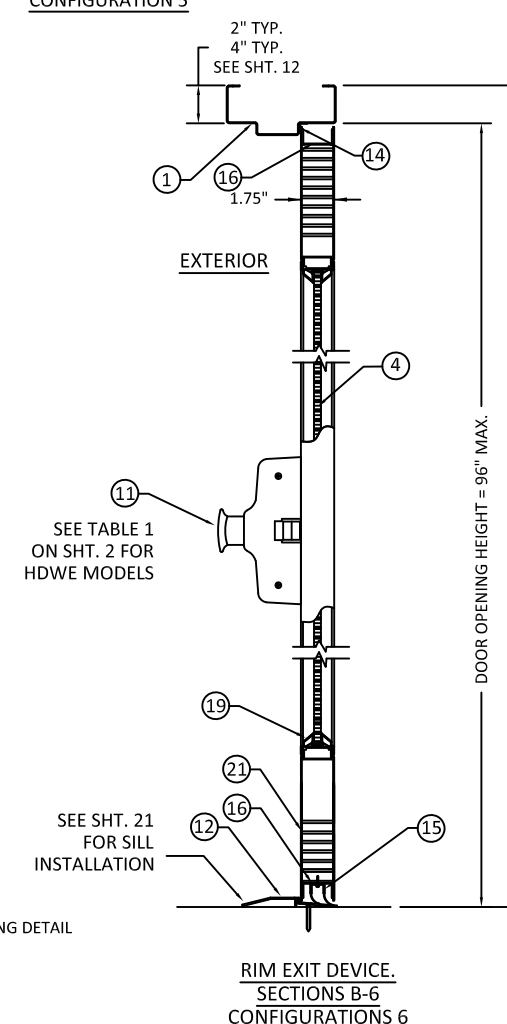
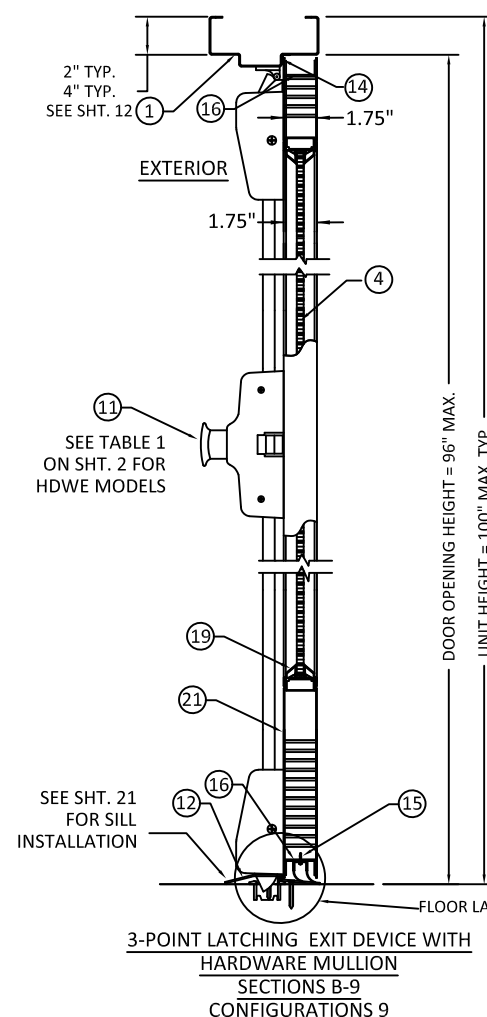
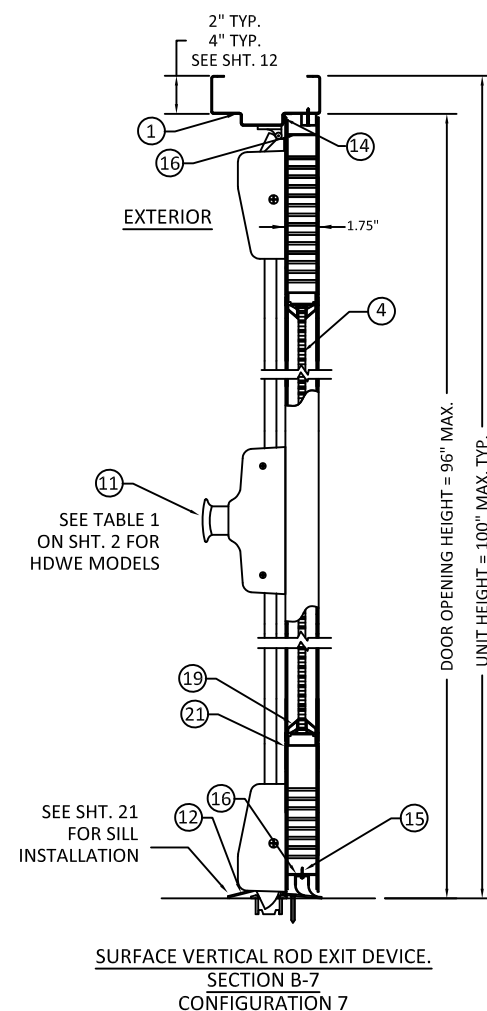
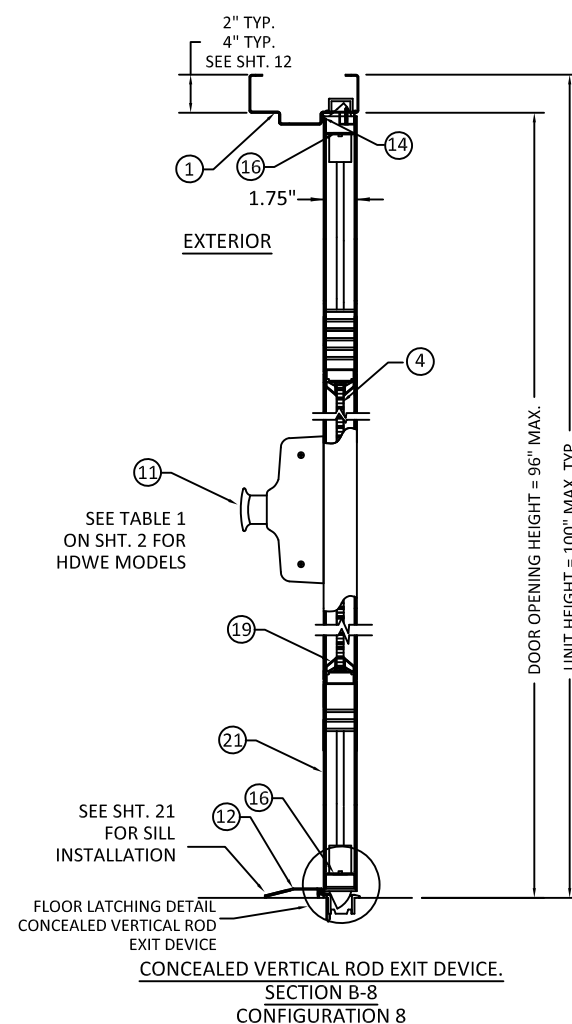
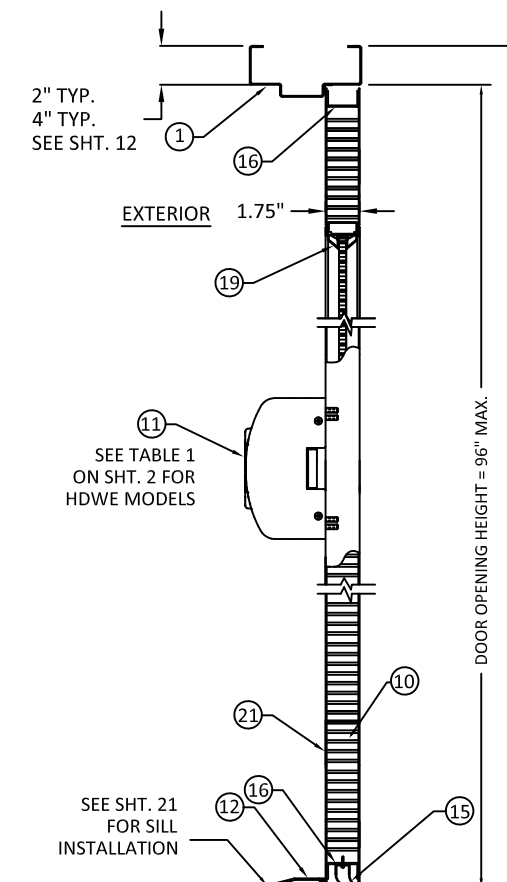
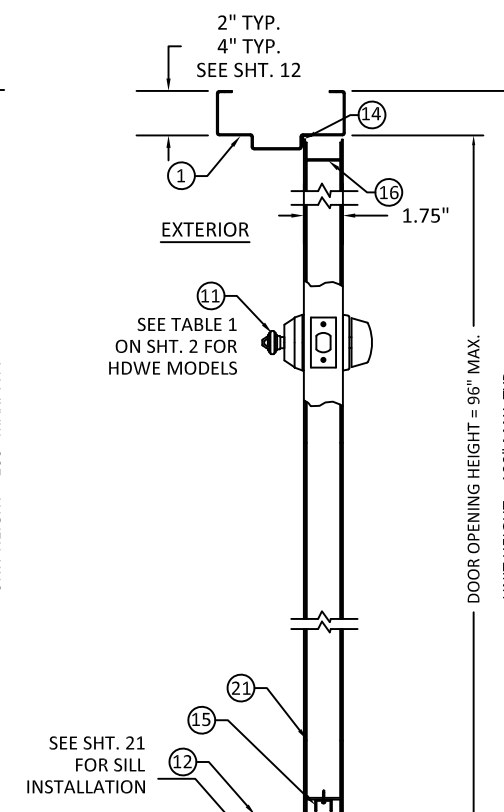
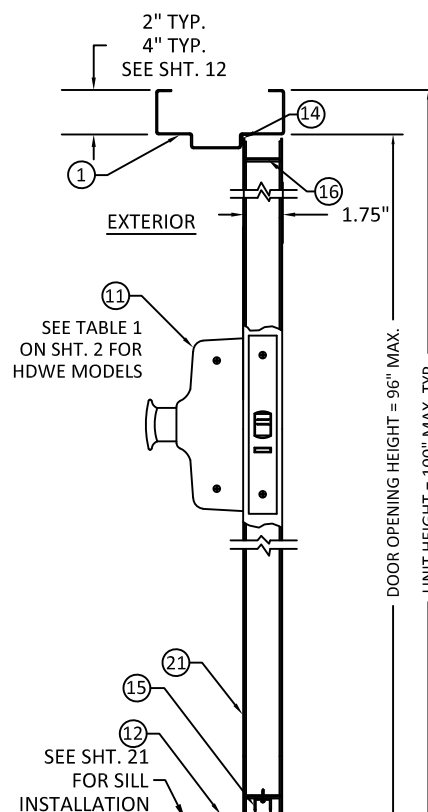
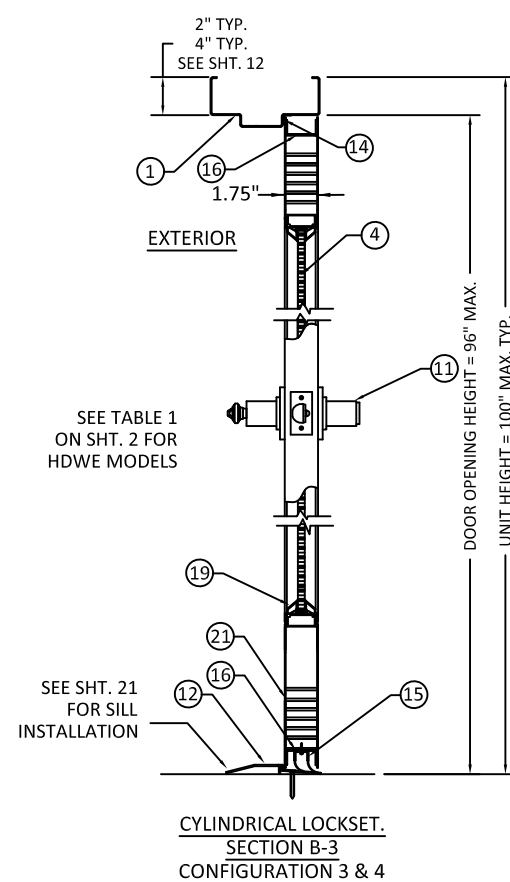
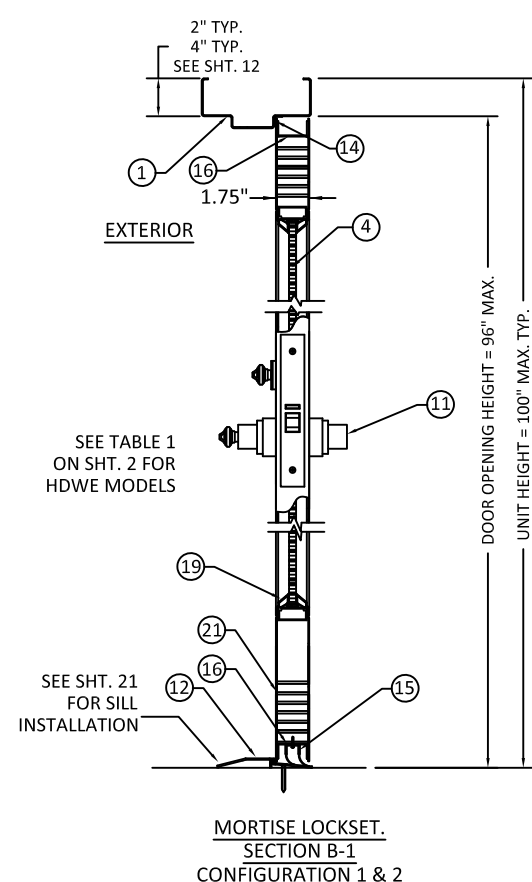
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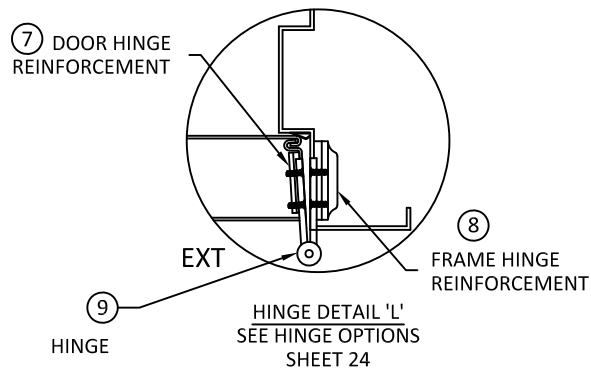
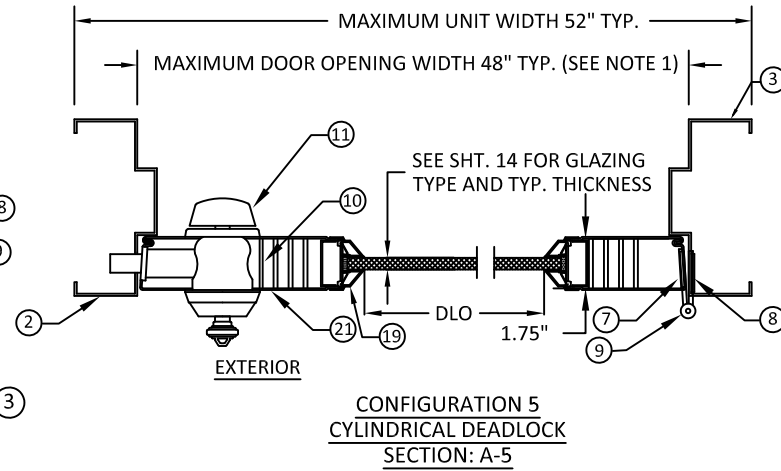
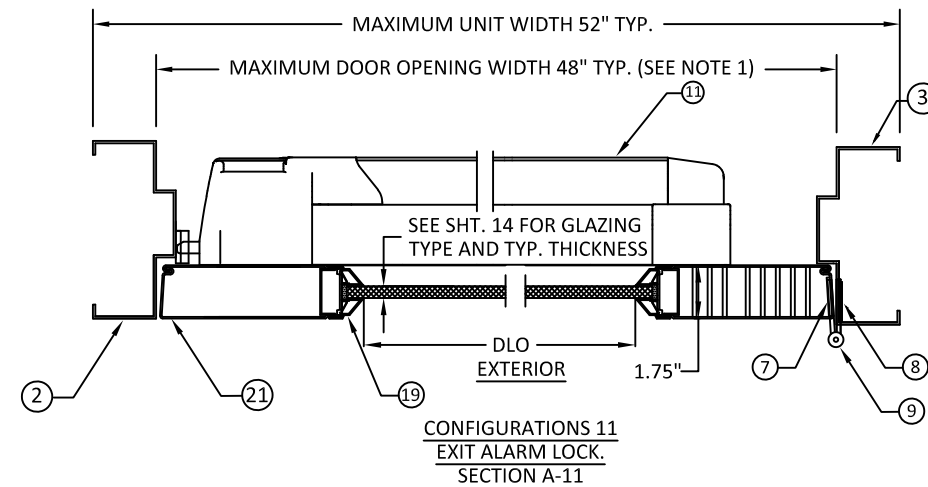
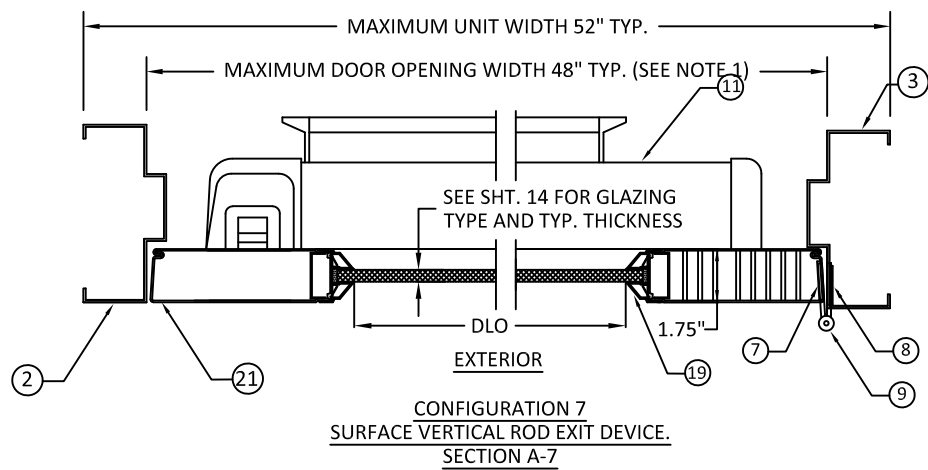
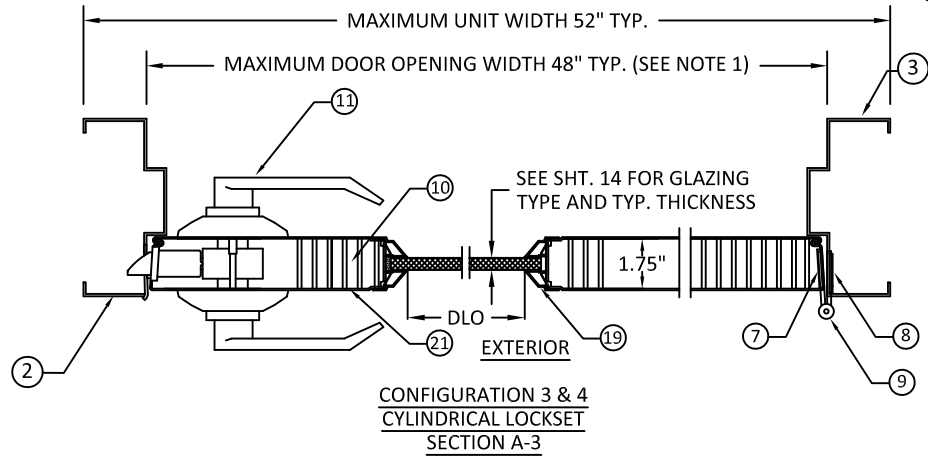
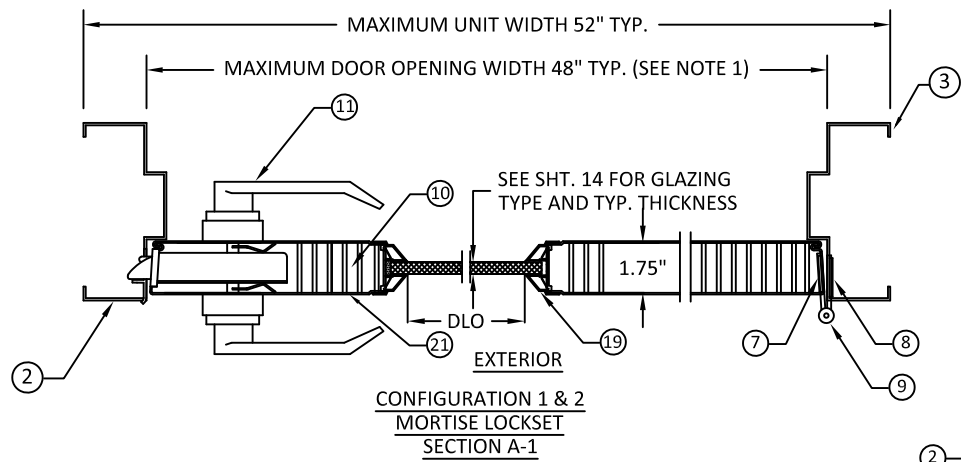
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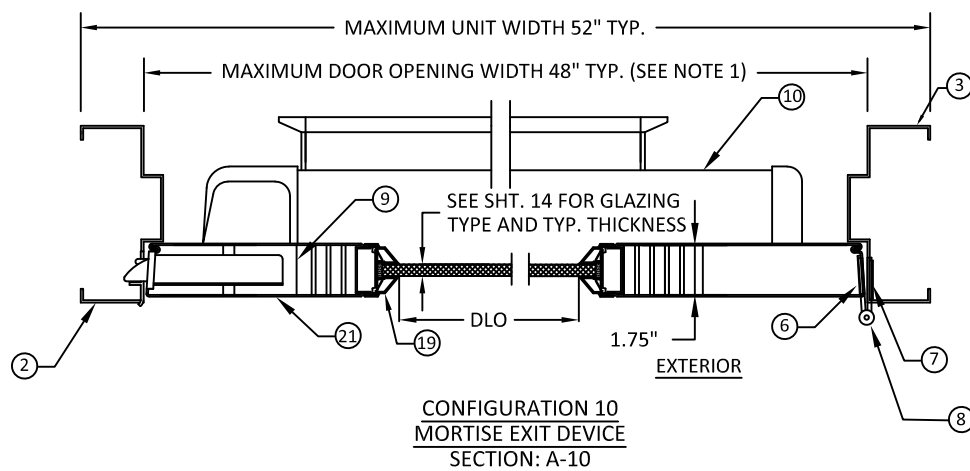
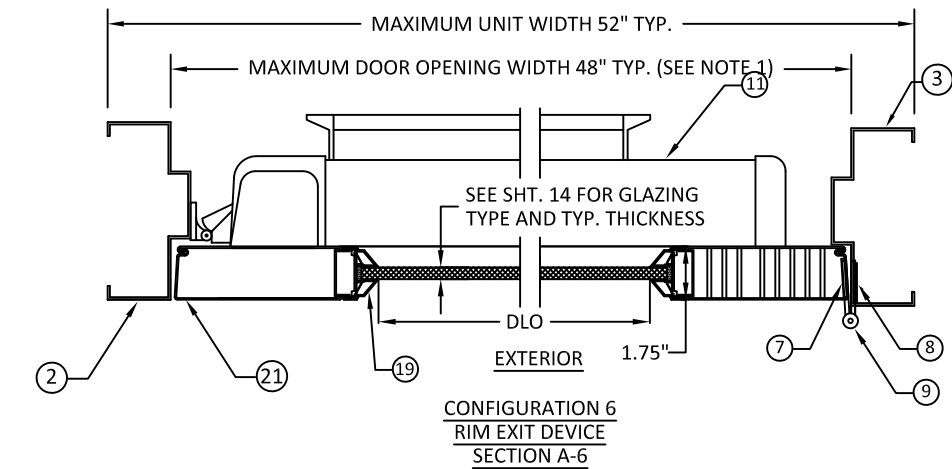
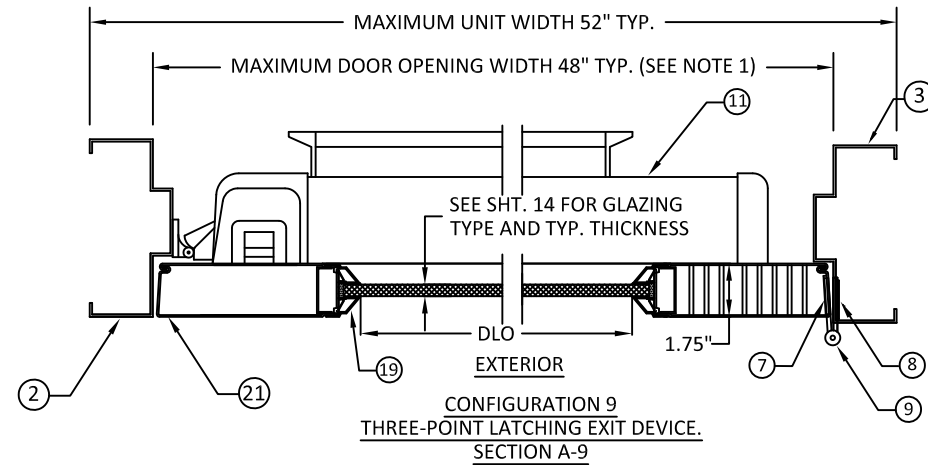
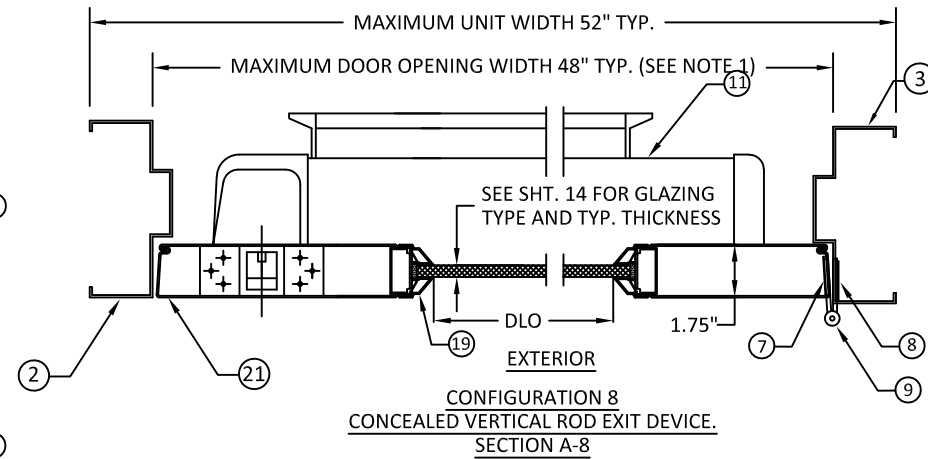
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NOTES:
1. FOR MAXIMUM DOOR OPENING AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEETS 2 & 3 AND SHEET 13 FOR LIMITATIONS.
2. SEE SHEETS 16-21 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS



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HORIZONTAL SECTION VIEWS

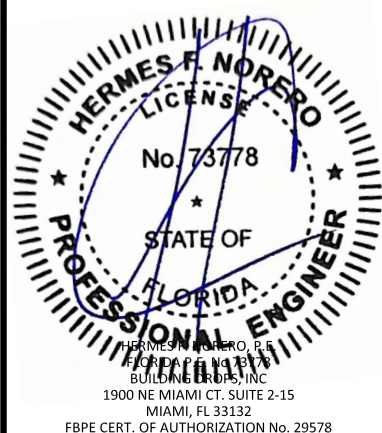
PREPARED BY: BUILDING DROPS, INC.

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REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
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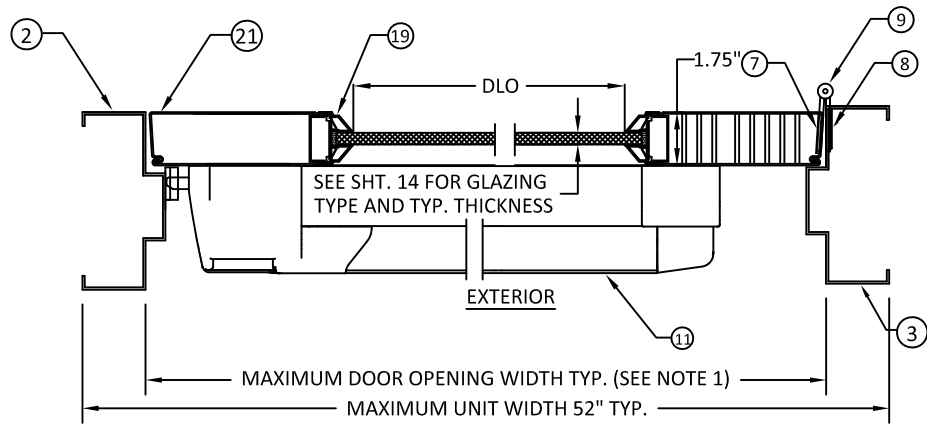
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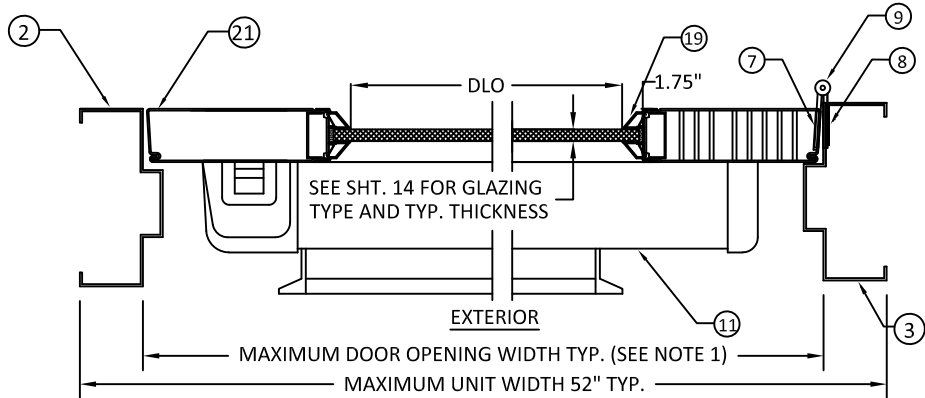
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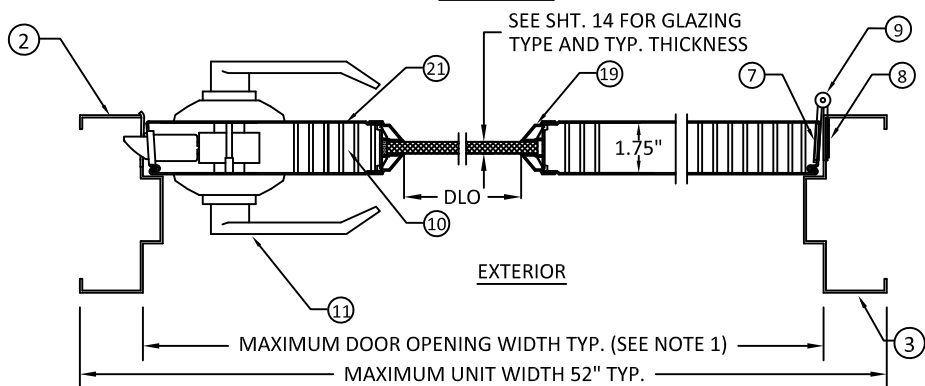
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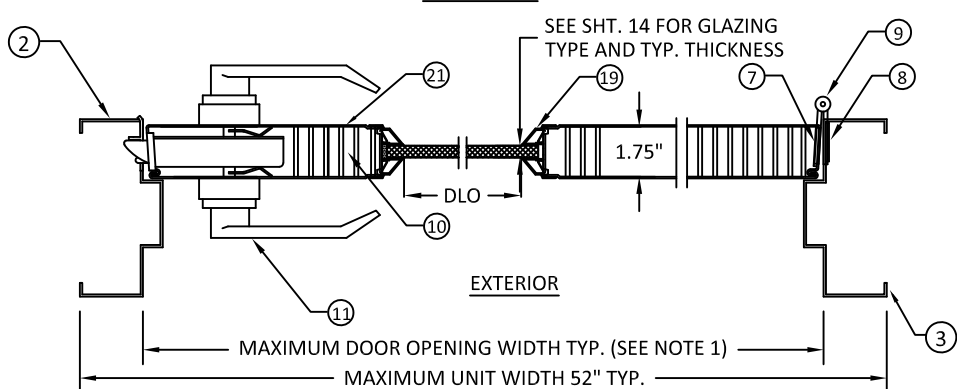
CONFIGURATIONS 11
EXIT ALARM LOCK.
SECTION A-11



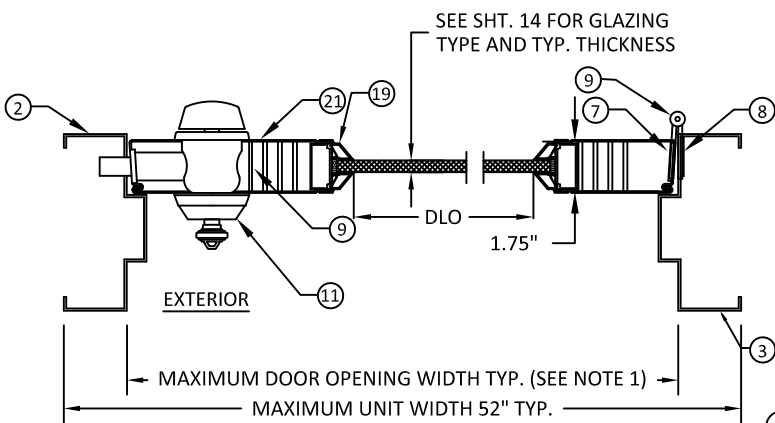
CONFIGURATION 7
SURFACE VERTICAL ROD EXIT DEVICE.
SECTION A-7



CONFIGURATION 3 & 4
CYLINDRICAL LOCKSET
SECTION A-3

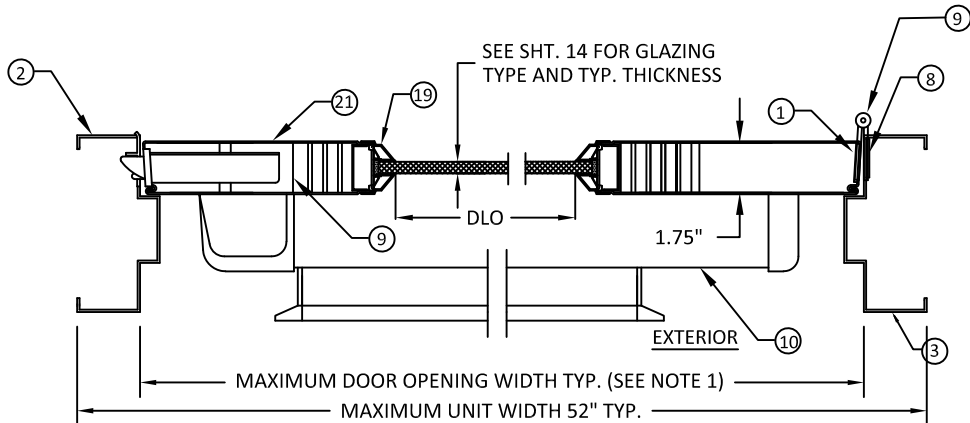


CONFIGURATION 1 & 2
MORTISE LOCKSET
SECTION A-1

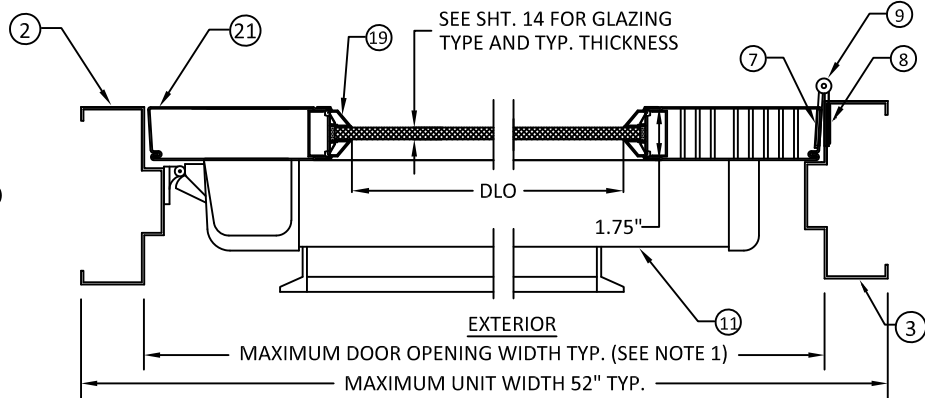


CONFIGURATION 5
CYLINDRICAL DEADLOCK
SECTION: A-5

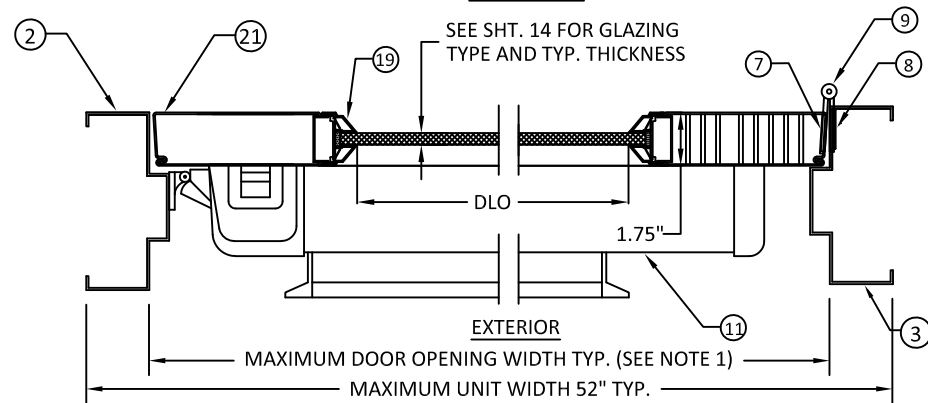
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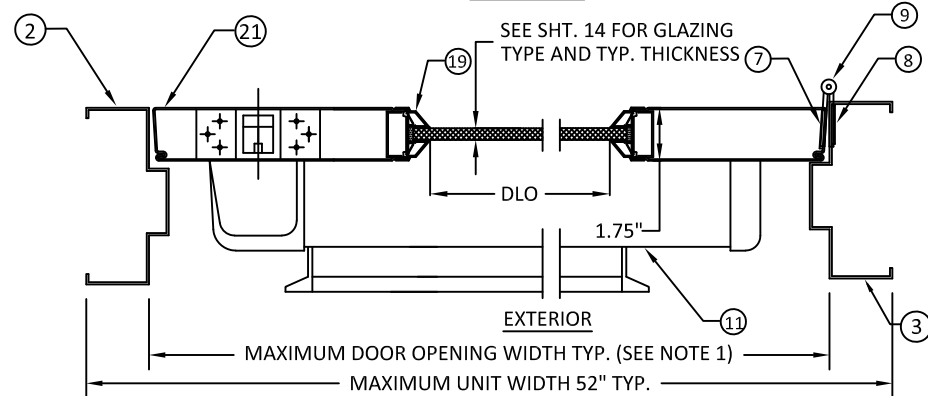
CONFIGURATION 10
MORTISE EXIT DEVICE
SECTION: A-10



CONFIGURATION 6
RIM EXIT DEVICE.
SECTION A-6



CONFIGURATION 9
THREE-POINT LATCHING EXIT DEVICE.
SECTION A-9



CONFIGURATION 8
CONCEALED VERTICAL ROD EXIT DEVICE.
SECTION A-8



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DOOR & FRAME INSWING
HORIZONTAL SECTION VIEWS

PREPARED BY:

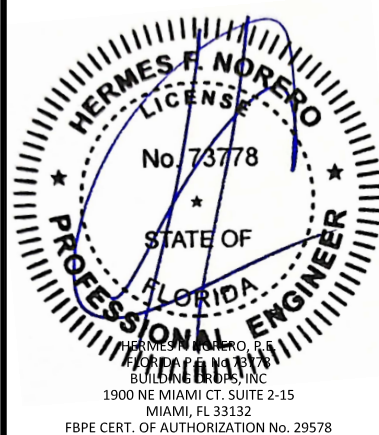
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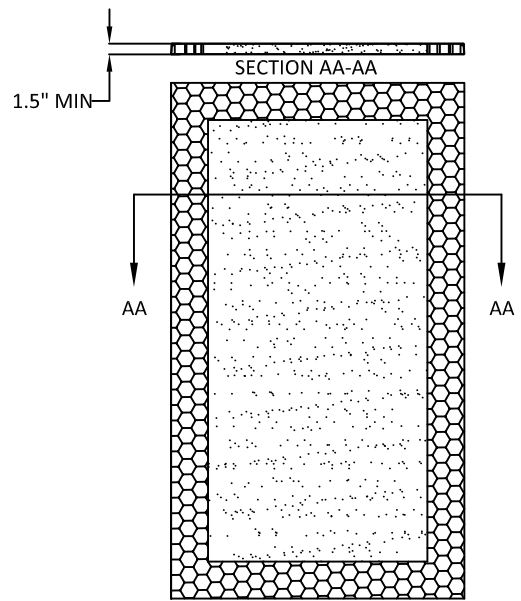


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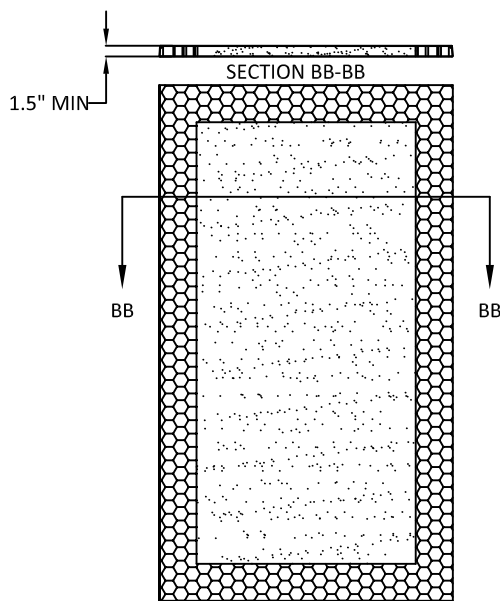
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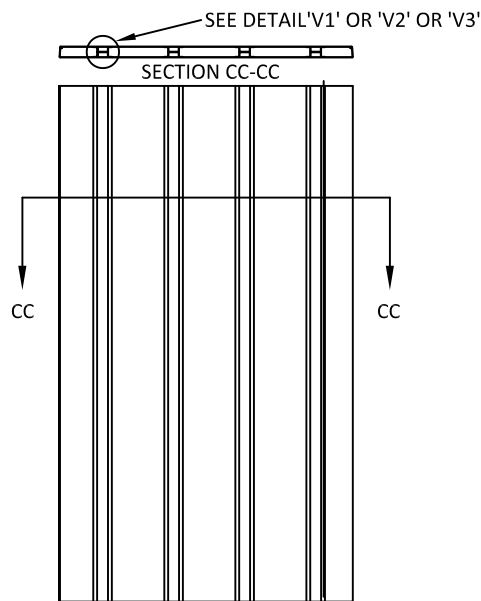
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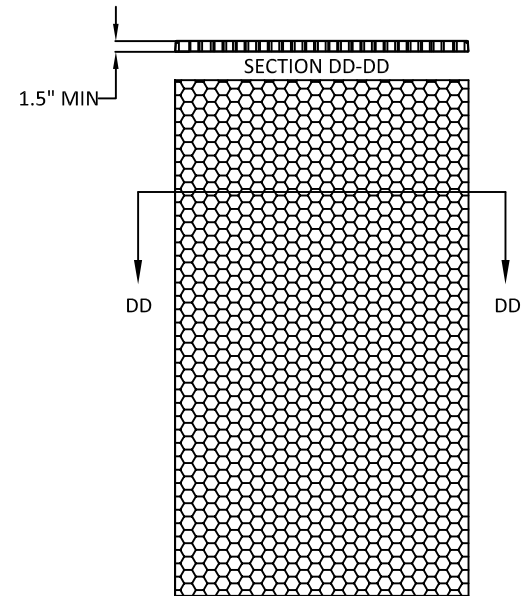
(A) EXPANDED POLYSTYRENE FOAM
DENSITY: 1.0 LBS/FT³



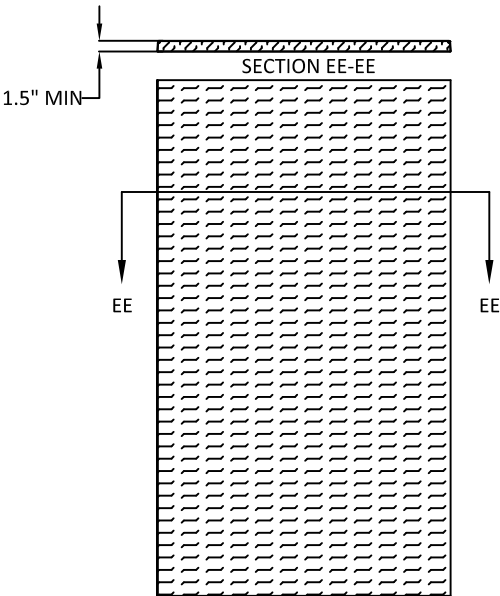
(B) POLYISOCYANURATE
(POLYURETHANE)
DENSITY: 2 LBS/FT³



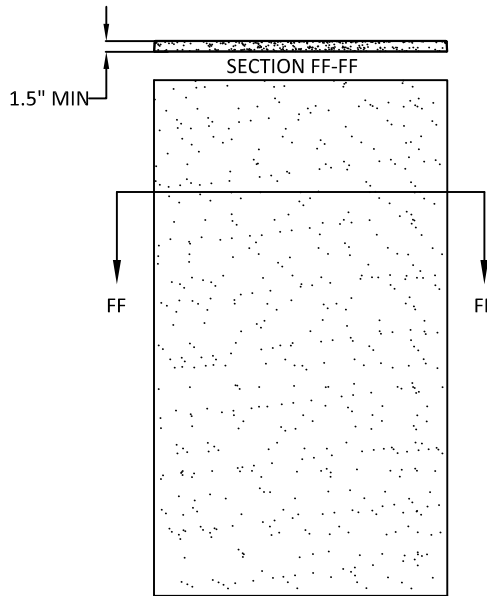
(C) STEEL STIFFENED
HAT SHAPED SECTIONS



(D) HONEYCOMB
KRAFT PAPER.



(E) TEMPERATURE RISE CORE
MINERAL FIBER BOARD
DENSITY: 17±1.5 LBS/FT³
OR
PSL-P250C-60
OR
CALCIUM SILICATE MINERAL CORE

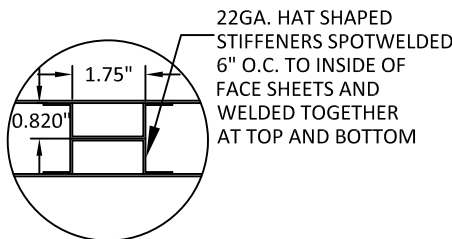


(F) EXPANDED POLYSTYRENE FOAM
DENSITY: 1.0 LB/FT³ OR
POLYISOCYANURATE (POLYURETHANE)
DENSITY: 2 LBS/FT³

TABLE 3: AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

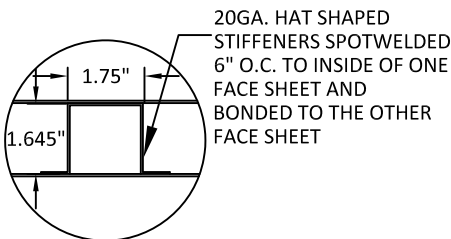
STEELCRAFT DOOR SERIES	DOOR CORE MATERIAL PER SHT. 11	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
L	HONEYCOMB POLYSTYRENE POLYURETHANE	4'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053" 14/.067"
B	STEEL STIFFENED	4'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053" 14/.067"
SL/SZ	HONEYCOMB POLYSTYRENE POLYURETHANE	4'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053"
T	MINERAL FIBER	4'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053" 14/.067"
CE	POLYSTYRENE	4'-0"	8'-0"	GALV.	18/.044" 16/.053"

DETAIL 'V1'



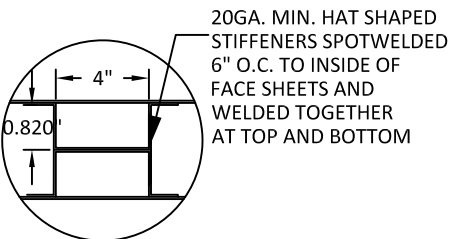
SECTION CC-CC

DETAIL 'V2'



SECTION CC-CC

DETAIL 'V3'



SECTION CC-CC

- NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS
2. STIFFENER QUANTITY VARIES PER DOOR WIDTH



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CARMEL, IN 46032
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TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

DOOR PANEL & CORE DETAILS

PREPARED BY:

BUILDING DROPS, INC.

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MIAMI, FL 33132
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FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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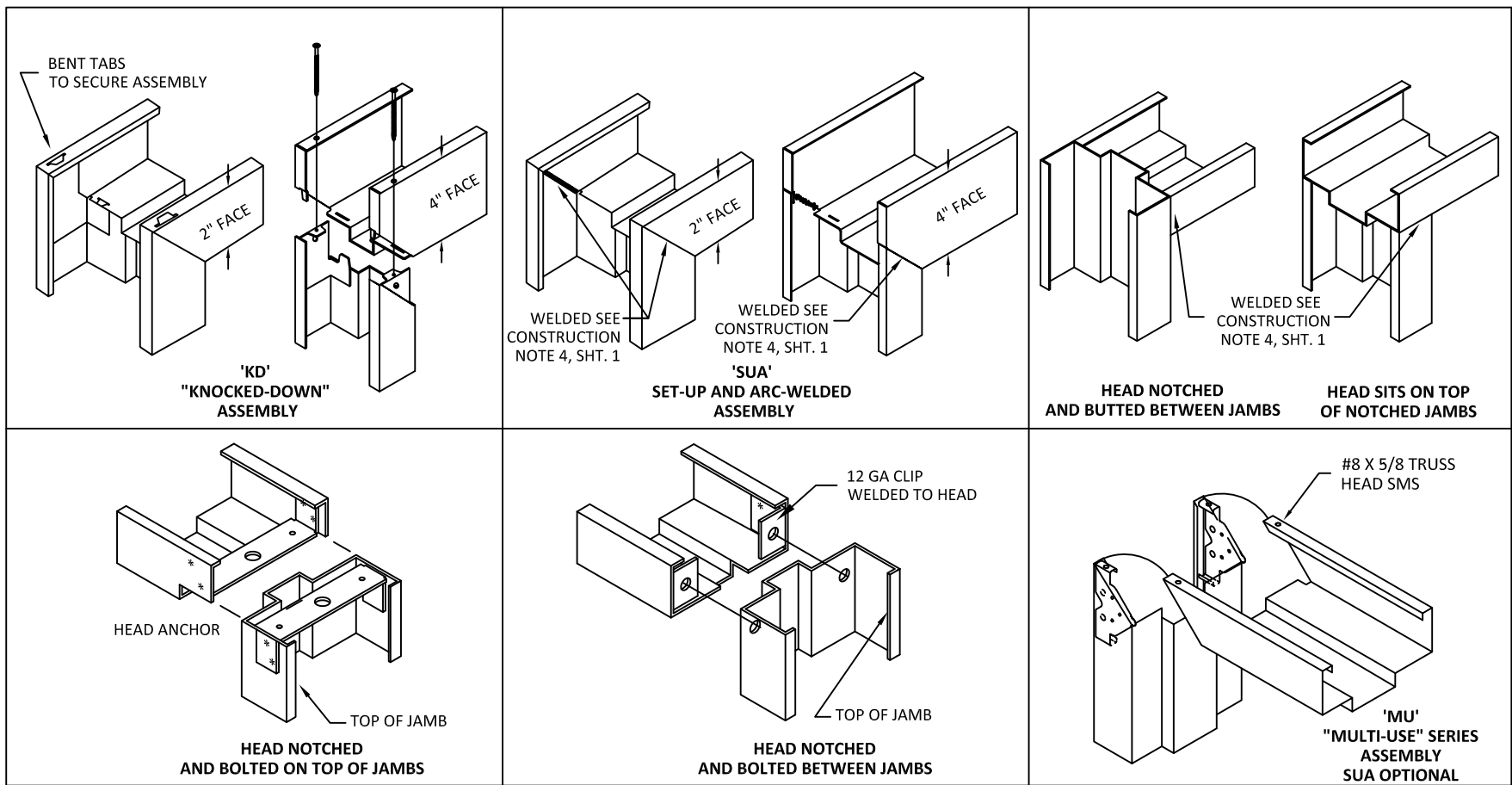
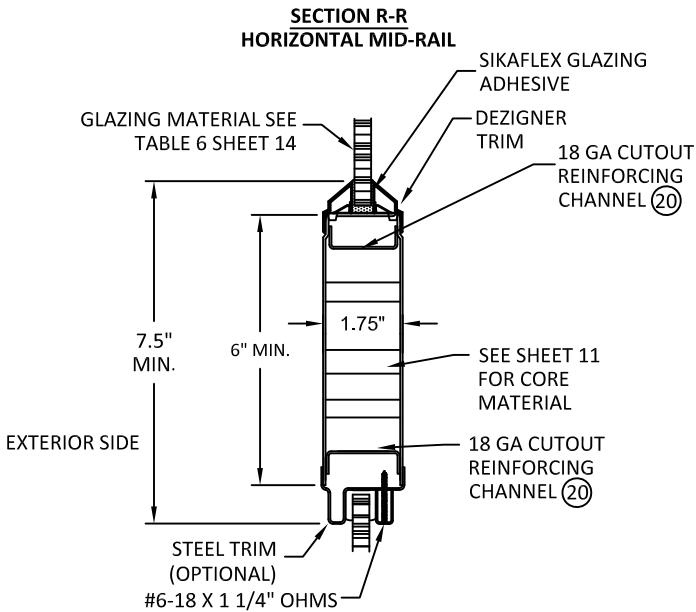
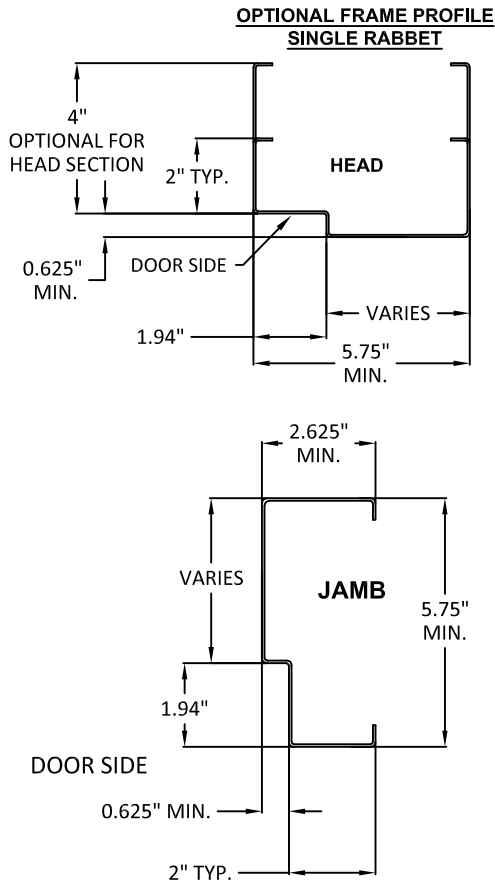
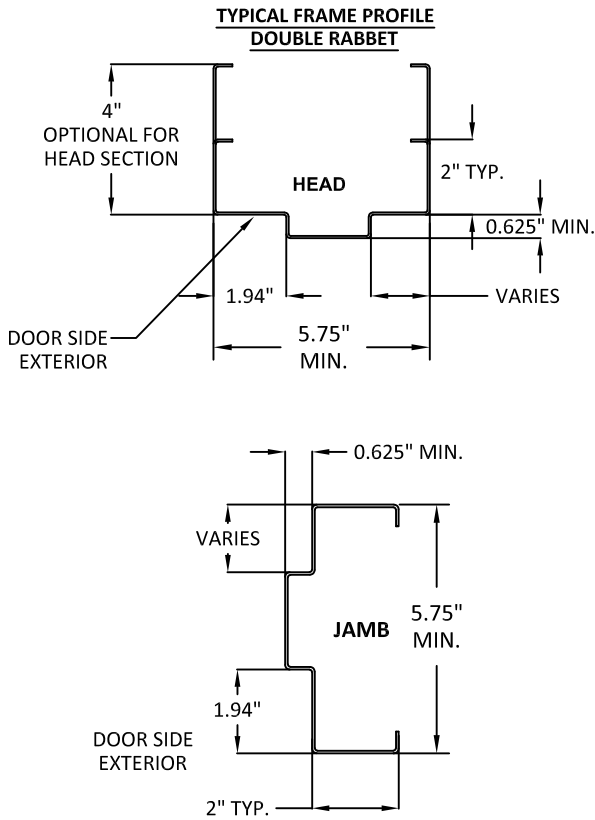


TABLE 4: AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

FRAME SERIES	JAMB DEPTH	MAX. OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" MIN.	4'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
MU	5.75" MIN.	4'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067"

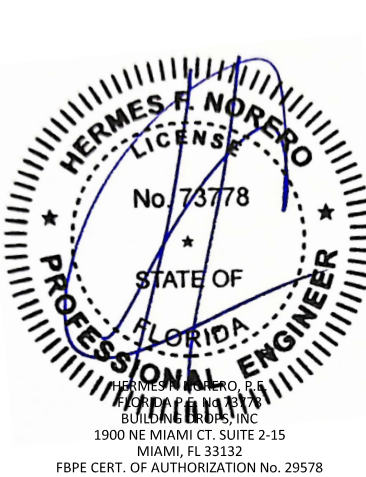
TABLE 5: STEEL MECHANICAL PROPERTIES

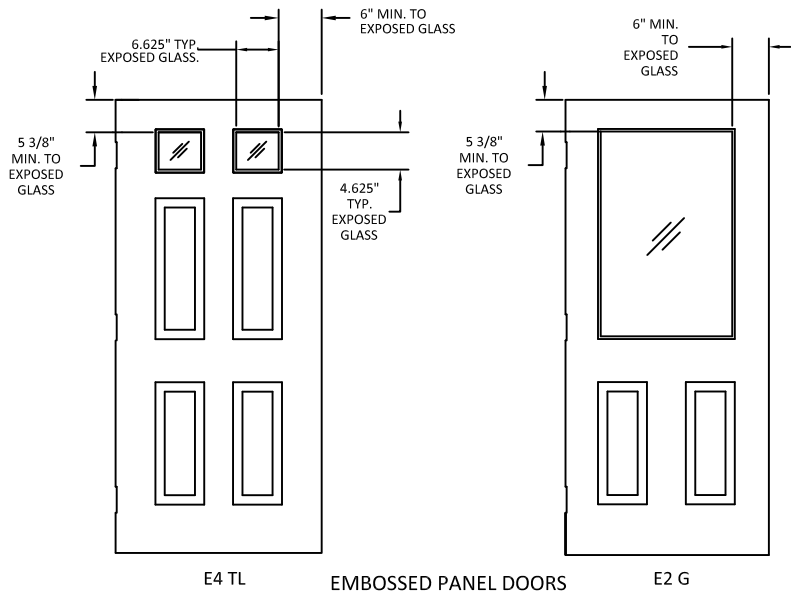
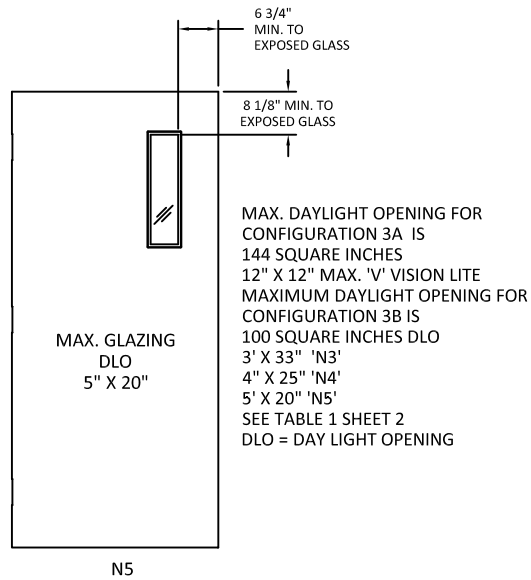
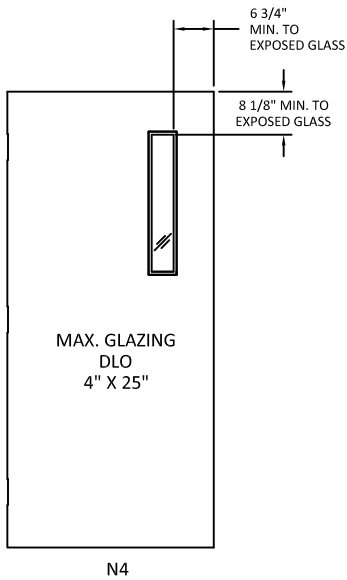
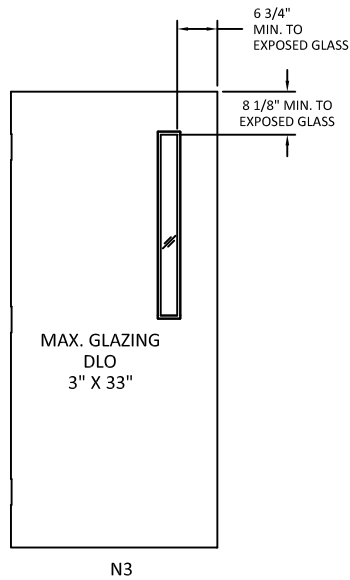
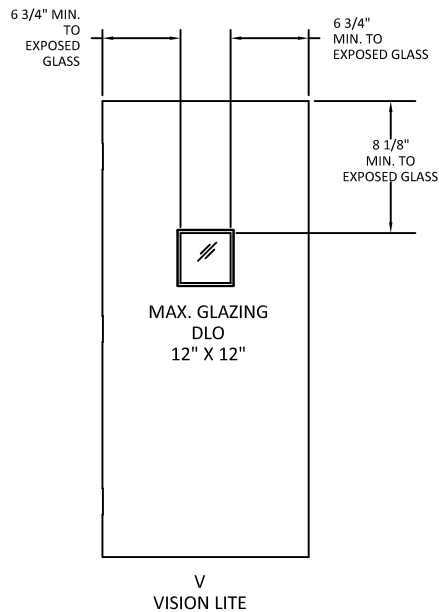
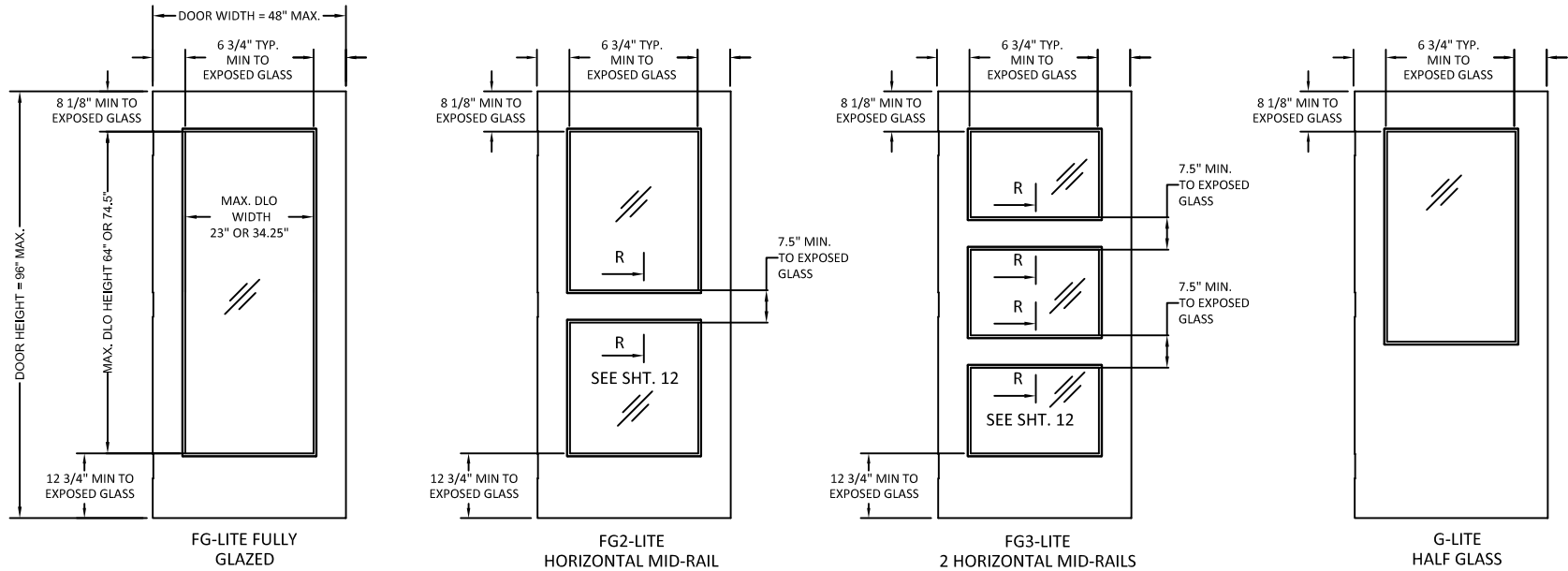
MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A1008	MIN. 41.5	MIN. 52.4
HRS	A1011		
GALV.	A924/A653		



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- NOTES:
1. DOOR CONSTRUCTION
 2. NOMINAL DOOR THICKNESS - 1 3/4"
 3. ALL GLASS LITE TYPES SHOWN ON THIS SHEET ARE AVAILABLE FOR ALL DOOR CONFIGURATIONS SHOWN ON SHEETS 4-5 AND TABLE 1 SHEET 2
 4. MAXIMUM GLAZING DLO HEIGHT AND WIDTH AS PER SHEETS 2-5.
 5. GLAZING OPENING DLO SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE. (SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
 6. DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER.
 7. GLASS LITES NOT LIMITED TO THOSE SHOWN, PROVIDED DIMENSIONS SHOWN ARE MAINTAINED.
 8. DOORS WITH MULTIPLE GLASS LITES ARE NOT LIMITED TO THE DESIGNS SHOWN, PROVIDED THE DIMENSIONS SHOWN ARE MAINTAINED. (SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
 9. WHEN USING A CONTINUOUS HINGE THE MINIMUM DISTANCE FROM THE EDGE OF THE DOOR TO EXPOSED GLASS IS 6-1/4" AT STILES AND 7-1/2" AT MID RAILS.
 10. DLO = DAYLIGHT OPENING (SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
 11. VERIFY GLAZING OPTION ON SHEETS 14 & 15 IS AVAILABLE FOR GLASS LITE TYPE AND SIZE.



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(NON-HVHZ)(NON-IMPACT)

DOOR CONFIGURATION

PREPARED BY:

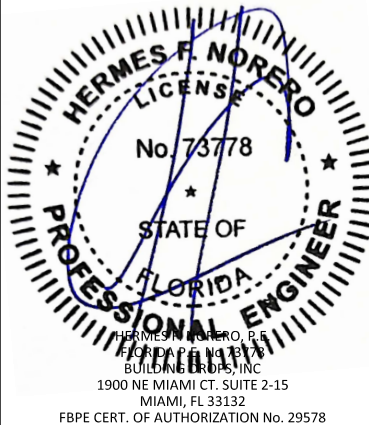
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TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

GLAZING OPTIONS

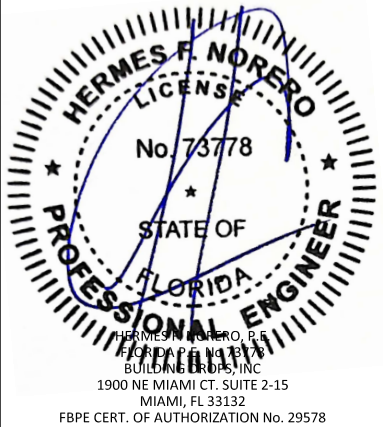
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GLAZING TYPE 1	GLAZING TYPE 2	GLAZING TYPE 3	
GLAZING TYPE 1 DETAIL 9/16" HS LAMINATED GLASS WITH SENTRYGLAS INTERLAYER	GLAZING TYPE 2 DETAIL 1-1/16" SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER	GLAZING TYPE 3 DETAIL FIRE RATED 1-7/16" SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER BY KURARAY	
GLAZING TYPE 4	GLAZING TYPE 5	GLAZING TYPE 6	GLAZING TYPE 7
GLAZING TYPE 4 DETAIL 1-13/16" SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER	GLAZING TYPE 5 DETAIL 5/16" HS LAMINATED GLASS WITH SAFLEX CP INTERLAYER	GLAZING TYPE 6 DETAIL 1/4" LEXAN BY SABIC	GLAZING TYPE 7 DETAIL 1/2" LEXAN BY SABIC

TABLE 6. GLAZING TYPES AND METHODS

TYPE	GLAZING MATERIAL	TYPE	TRIM DESCRIPTION	SEALANT ADHESIVE	GLAZING ADHESIVE
1	9/16" HS LAMINATED GLASS WITH SENTRYGLAS INTERLAYER	A	DEZIGNER (1/2")	SIKAFLEX 552	SIKAFLEX 552 OR DOW CORNING 995/975/983 1/16" X 5/8" BEAD
		B	STEEL TRIM		
		F	1" STEEL TRIM		
2	1-1/16" SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER	E	SECURITY VISION FRAME SG-10 BY NGP ANEMOSTAT OR VLF-S10 BY AIR LOUVERS	NONE	SIKAFLEX 552 OR DOW CORNING 995/975/983 1/16" X 5/8" BEAD
		F	1" STEEL TRIM		
3	1-7/16" SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER	E	SECURITY VISION FRAME SG-10 BY NGP ANEMOSTAT OR VLF-S10 BY AIR LOUVERS	NONE	SIKAFLEX 552 OR DOW CORNING 995/975/983 1/16" X 5/8" BEAD
4	1-13/16" SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER	E	SECURITY VISION FRAME SG-10 BY NGP ANEMOSTAT OR VLF-S10 BY AIR LOUVERS	NONE	SIKAFLEX 552 OR DOW CORNING 995/975/983 1/16" X 5/8" BEAD
5	5/16" HS LAMINATED GLASS WITH SAFLEX CP BY EASTMAN INTERLAYER	C	VLF-IGHRC	DOW 995	DOW 995
6	LEXAN BY SABIC INNOVATIVE PLASTICS 1/4"	A	DEZIGNER (1/4")	SIKAFLEX 552	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
		B	STEEL TRIM		
		F	1" STEEL TRIM	DOW 995	DOW 995
		D	VLF-EZHRC		
7	LEXAN BY SABIC INNOVATIVE PLASTICS 1/2"	A	DEZIGNER (1/2")	SIKAFLEX 552	SIKAFLEX 222UV OR 295UV 1/16" X 5/8" BEAD
		B	STEEL TRIM		
		F	1" STEEL TRIM		



GLASS TRIM OPTIONS



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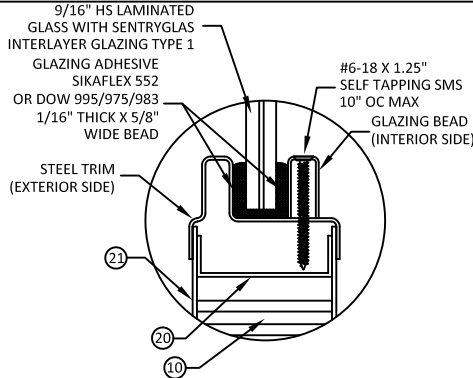
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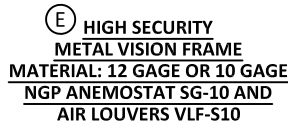
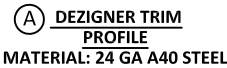
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TRIM TYPE A DETAIL
DESIGNER TRIM OPTIONS

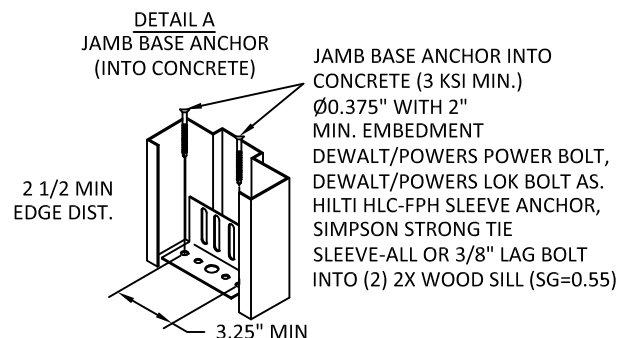
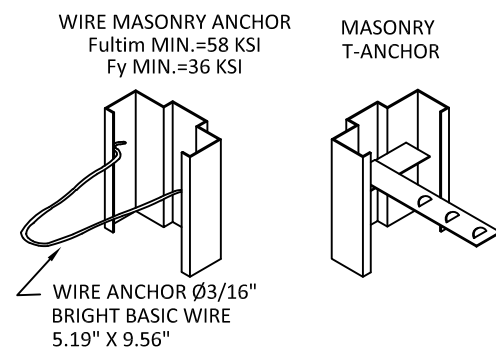
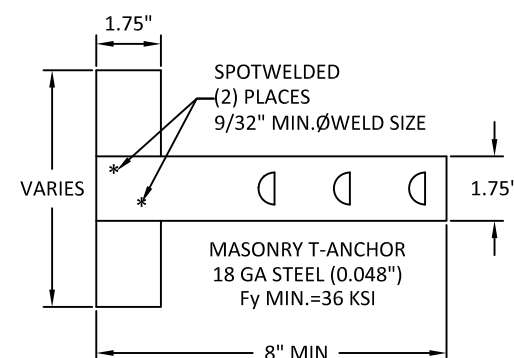
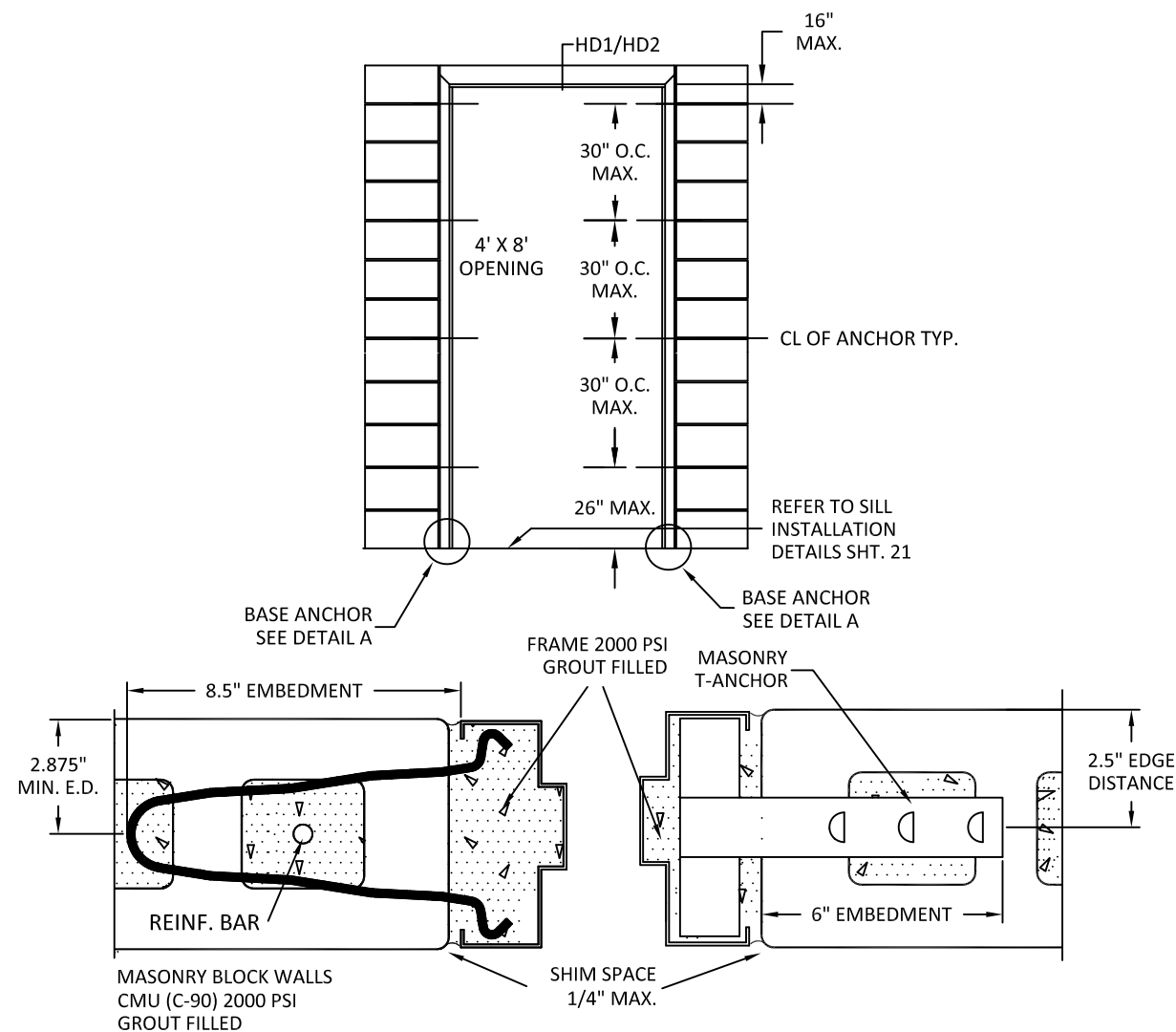


NOTES:

1. SEE SHTS. 4-5 FOR ELEVATIONS, SHTS. 2-3 FOR SIZES AND SHTS. 11, 12 & 27 FOR DOOR & FRAME MATERIAL SPECIFICATIONS.
2. SEE SHTS. 16-20 & 28-32 FOR ANCHOR REQUIREMENTS, WALL CONSTRUCTION AND ANCHORING SYSTEM
3. SEE SHTS. 12 & 27 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
4. APPROVED HARDWARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. VERIFY GLAZING MATERIAL IS AVAILABLE IN SIZE REQUIRED.
6. CUT OUT REINFORCEMENT CHANNEL MAY BE INSTALLED INVERTED OR FLUSH.



WIRE OR T MASONRY ANCHOR INTO
GROUT FILLED FRAME AND BLOCK WALL

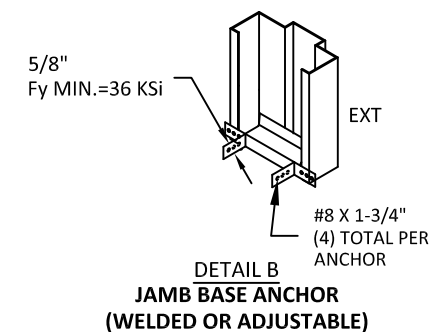
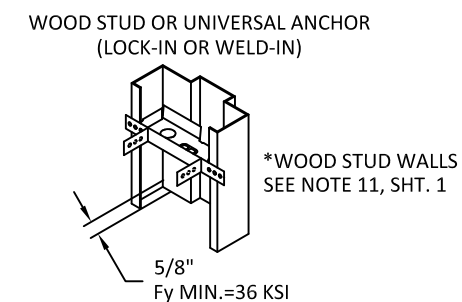
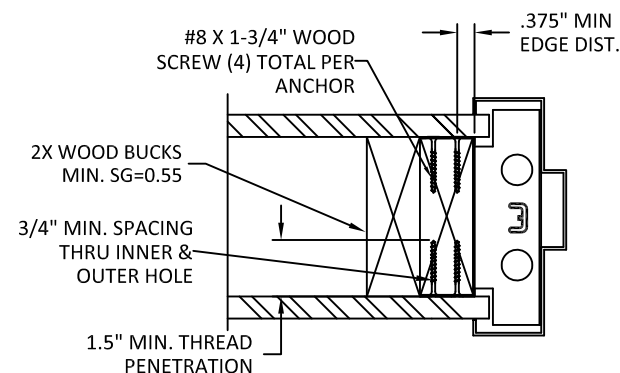
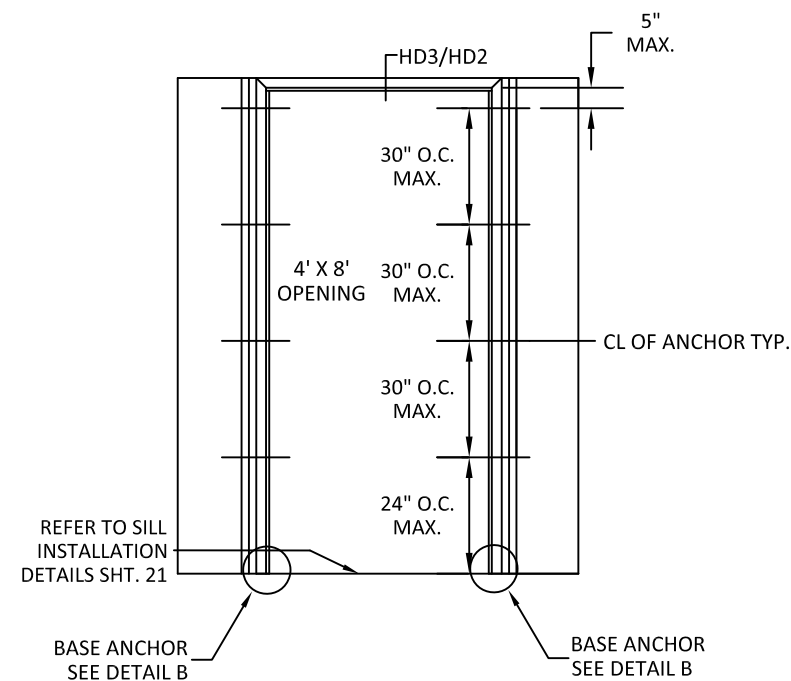


NOTES:

1. (*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK.
4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.

WOOD STUD ANCHOR

SEE SHEET 28 FOR
OPTION 2 ANCHOR DETAILS



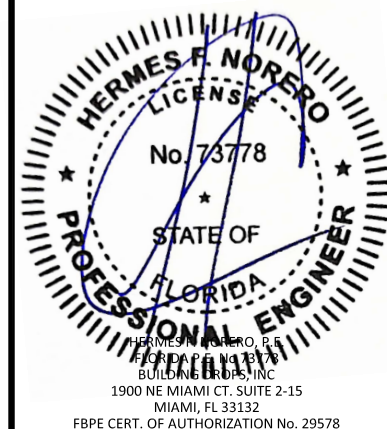
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COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

PREPARED BY: BUILDING DROPS, INC.



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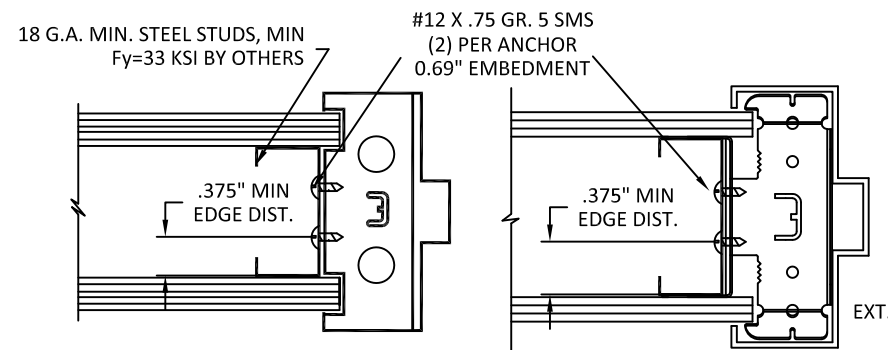
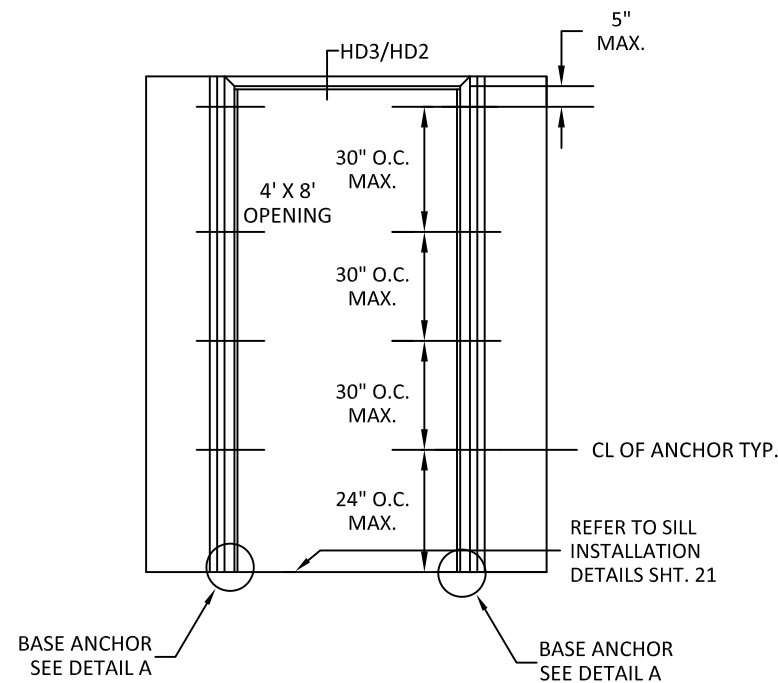
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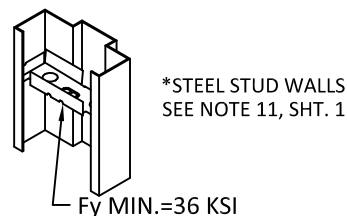
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C STEEL STUD ANCHOR

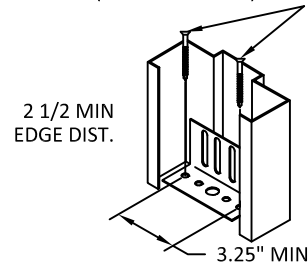


STEEL STUD ANCHOR
WELD-IN OR LOCK-IN

UNIVERSAL ANCHOR
WELD-IN OR LOCK-IN

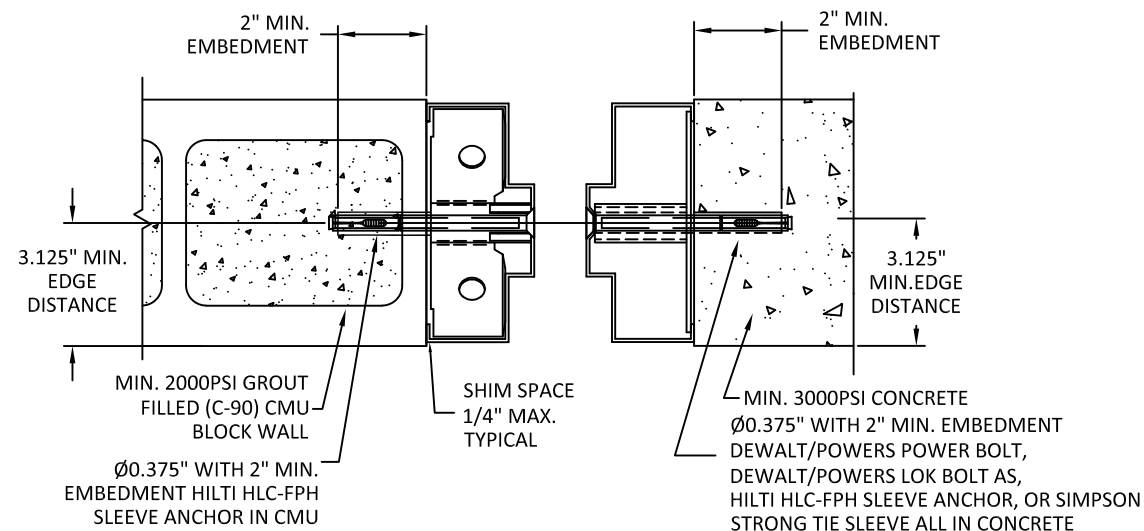
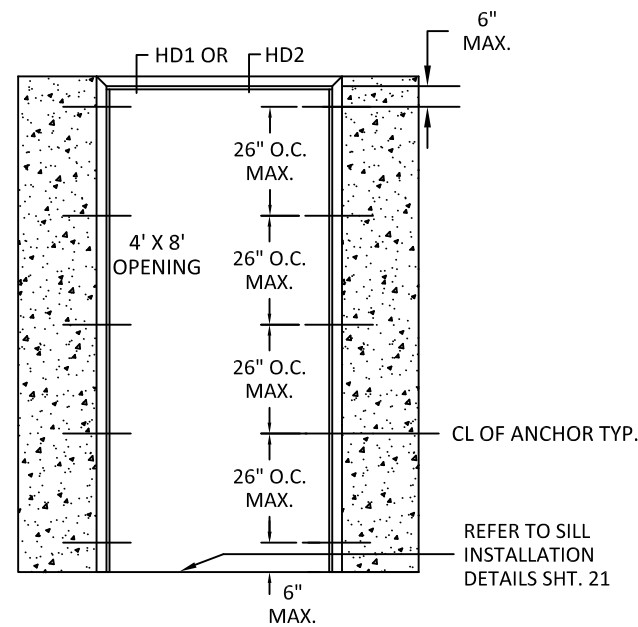


DETAIL A
JAMB BASE ANCHOR
(INTO CONCRETE)

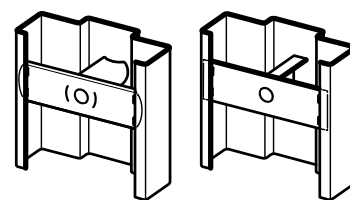


JAMB BASE ANCHOR INTO
CONCRETE (3 KSI MIN.)
Ø0.375" WITH 2"
MIN. EMBEDMENT
DEWALT/POWERS POWER BOLT,
DEWALT/POWERS LOK BOLT AS,
HILTI HLC-FPH SLEEVE ANCHOR,
SIMPSON STRONG TIE
SLEEVE-ALL OR 3/8" LAG BOLT
INTO (2) 2X WOOD SILL (SG=0.55)

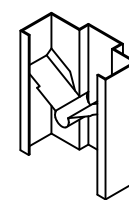
D EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU



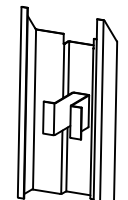
EMA-U ANCHOR



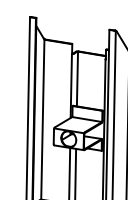
TUBE/CHANNEL &
PLATE BOLT-IN



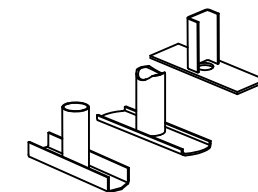
LOCK-IN



EMA ANCHOR



WELD-IN



TUBE & PLATE
WELD-IN EMA
ANCHOR

SEE SHEET 29 FOR
OPTION 2 ANCHOR DETAILS



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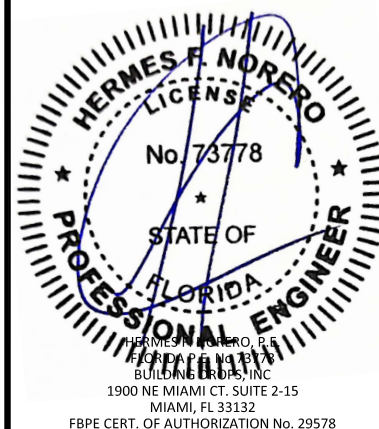
STEELCRAFT: ANCHORS - STEEL STUD
& EMA INTO CONCRETE WALL OR CMU

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REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL10356

DATE: 05.12.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GSDA330

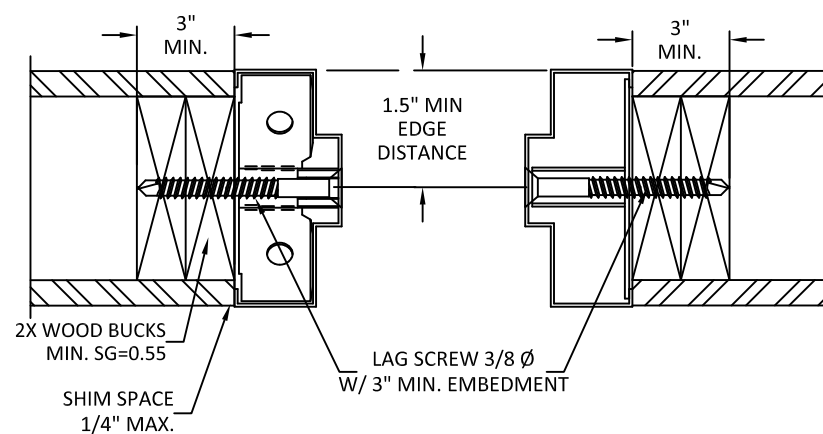
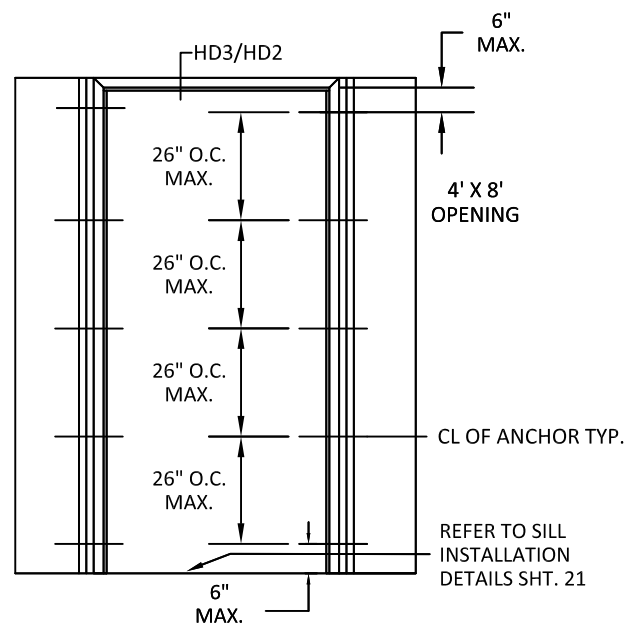
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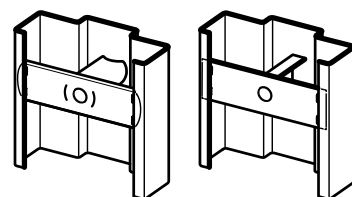
OF 33

NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD
WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES
RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY
MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3.SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE
CAULK.
4.INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL
LENGTH OF SILL.
5.THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT
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PREPARE DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.

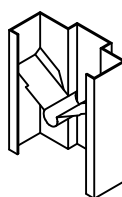
E EXISTING MASONRY ANCHOR (EMA)
WITH LAG BOLT INTO WOOD STUD WALL



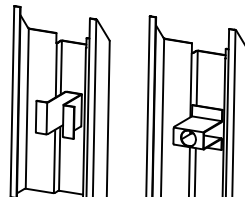
*WOOD STUD WALLS
SEE NOTE 11, SHT. 1



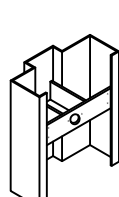
TUBE/CHANNEL &
PLATE BOLT-IN



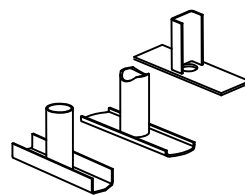
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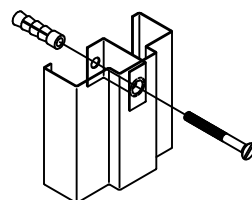
EMA ANCHOR



WELD-IN



TUBE & PLATE
WELD-IN EMA
ANCHOR

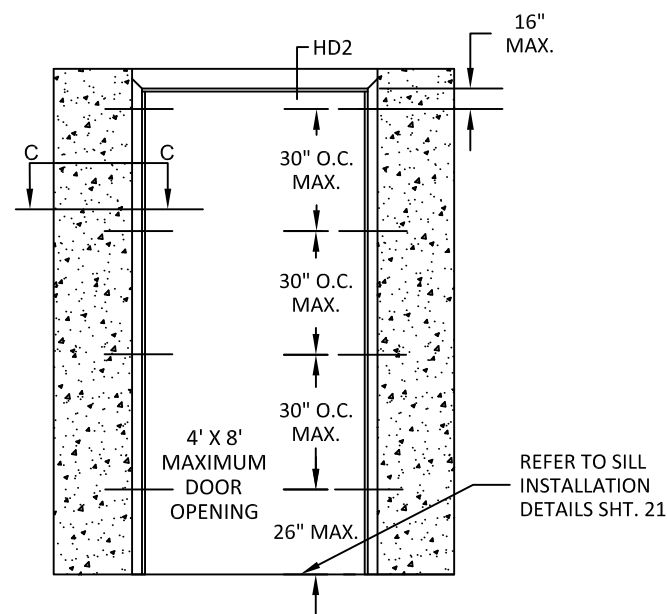


EMA-U ANCHOR

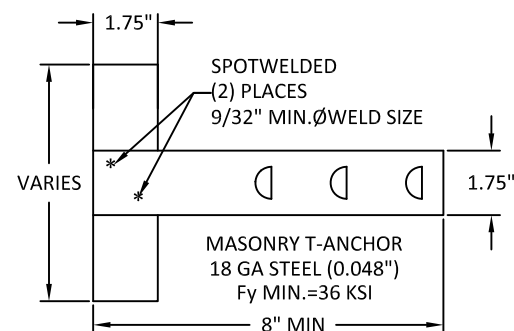
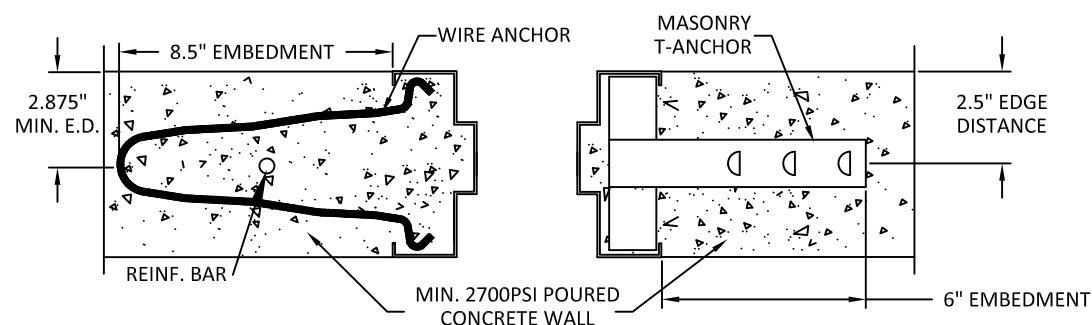
NOTES:
1. (*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
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3. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK.
4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.

NOTE:
1. 3/8\"/>

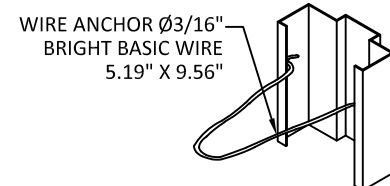
F POURED CONCRETE
TILT UP WALL



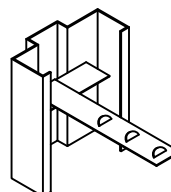
CROSS-SECTION C - C
POURED CONCRETE OPTION



WIRE MASONRY ANCHOR
Fultim MIN.=58 KSI
Fy MIN.=36 KSI



MASONRY
T-ANCHOR



SEE SHEET 30 FOR
OPTION 2 ANCHOR DETAILS



ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

LAG BOLT IN WOOD STUD WALL & POURED
CONCRETE TILT UP WALL

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

PH: (954)399-8478

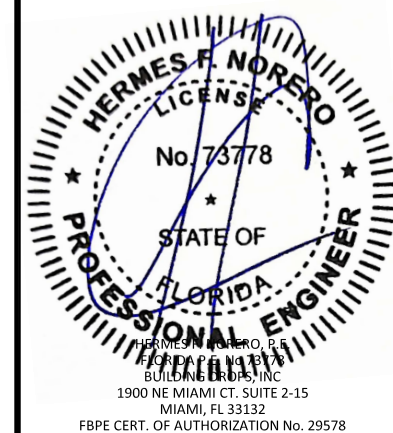
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
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FL10356

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DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GSDA330

SHEET:

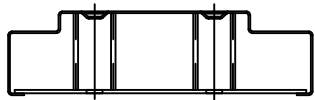
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OF 33

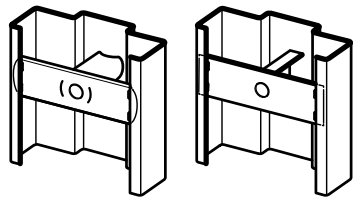
SEE SHEET 31 FOR
OPTION 2 ANCHOR DETAILS

G

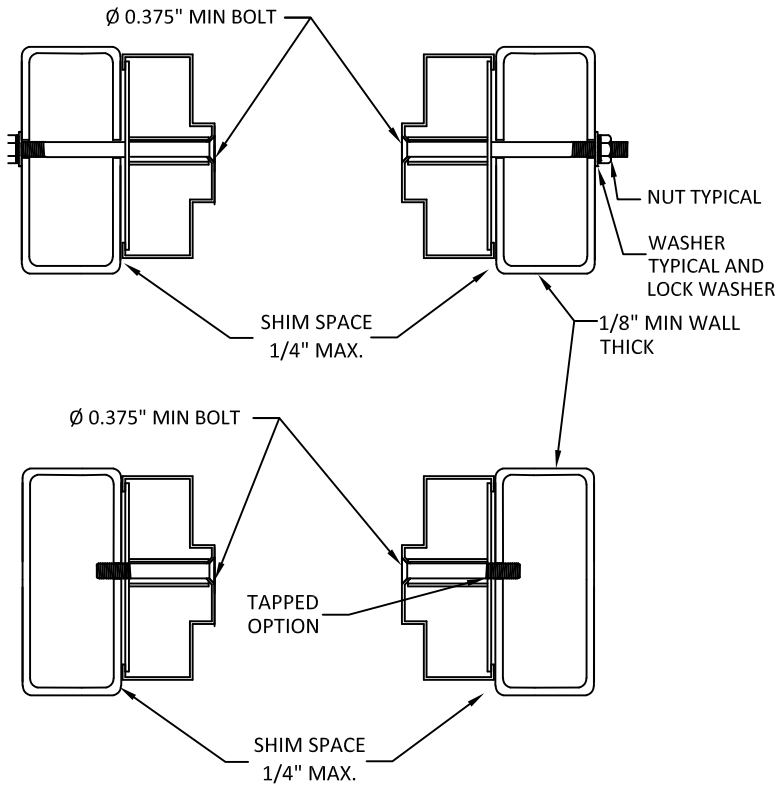
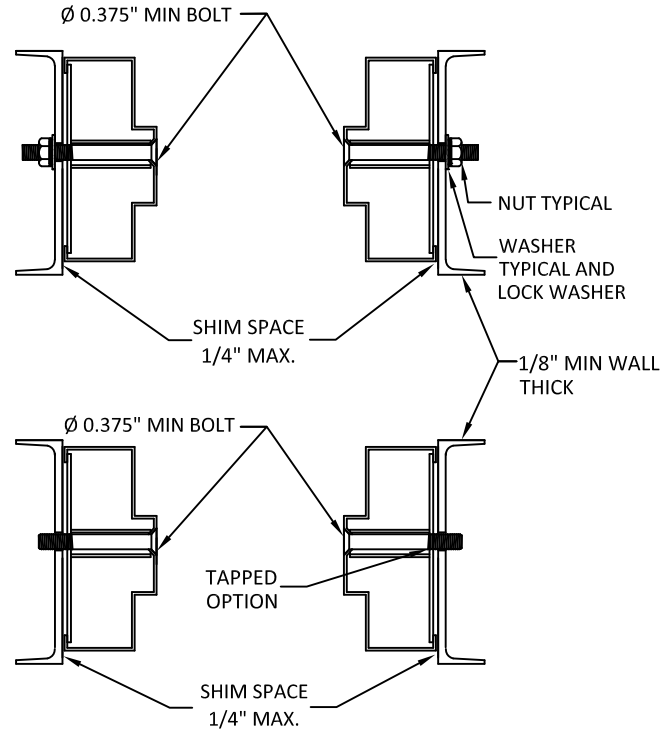
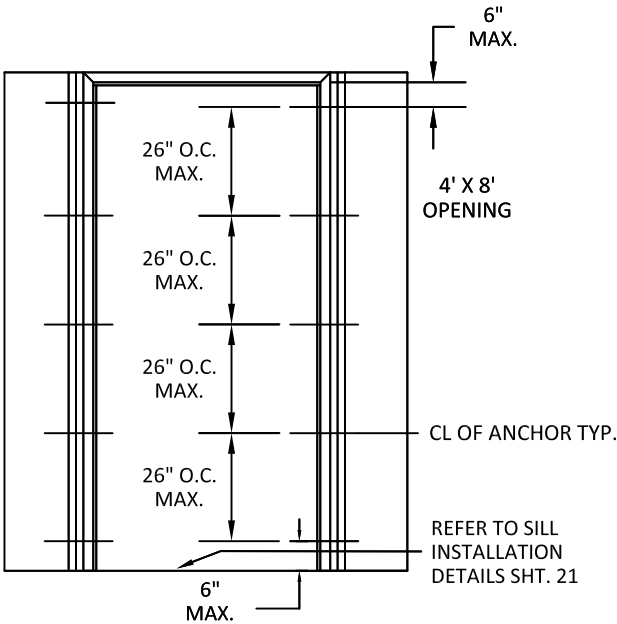
FRAMES BOLTED TO BUILDING STRUCTURE



9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



TUBE/CHANNEL &
PLATE BOLT-IN



NOTE:
1. 3/8" BOLTS AND NUTS TO BE MIN SAE GRADE 2 OR EQUIVALENT.

NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

STEELCRAFT: ANCHORS - FRAMES
BOLTED TO BUILDING STRUCTURE

PREPARED BY:

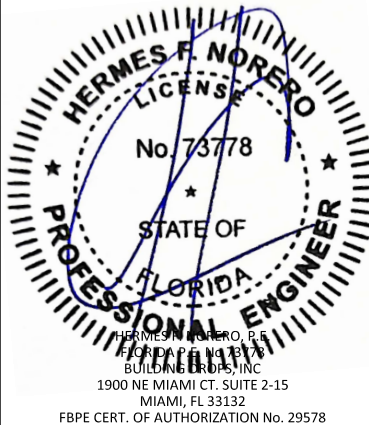
BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



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DWG. #: GSDA330

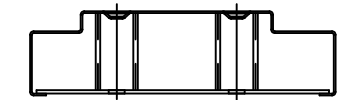
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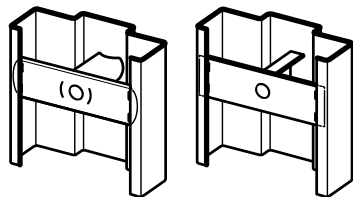
OF 33

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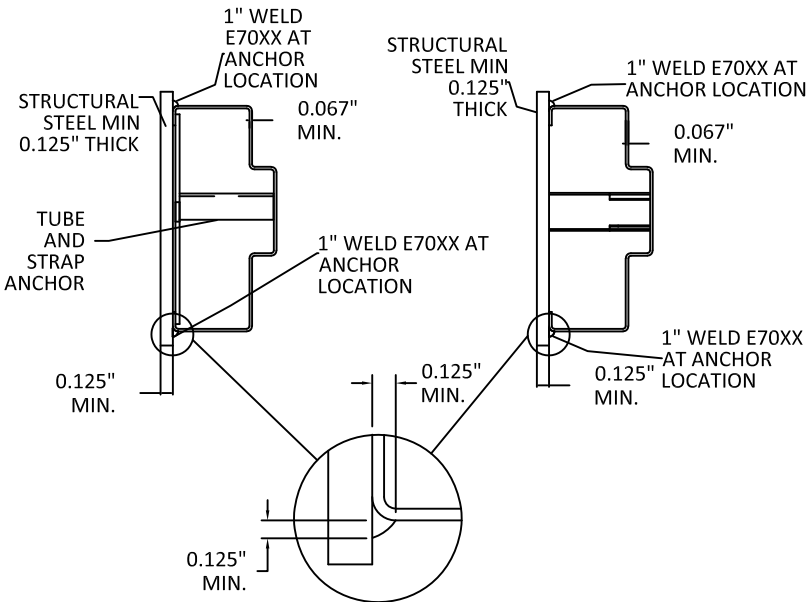
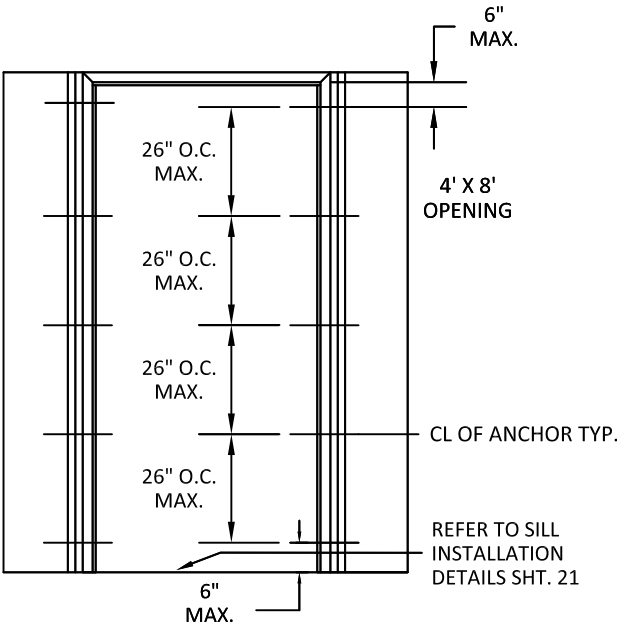
WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE



9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



TUBE/CHANNEL &
PLATE BOLT-IN



NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD
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PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

STEELCRAFT: ANCHORS - FRAMES
WELDED TO STEEL STRUCTURE BUILDING

PREPARED BY:

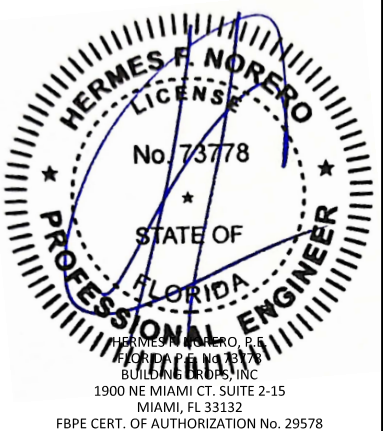
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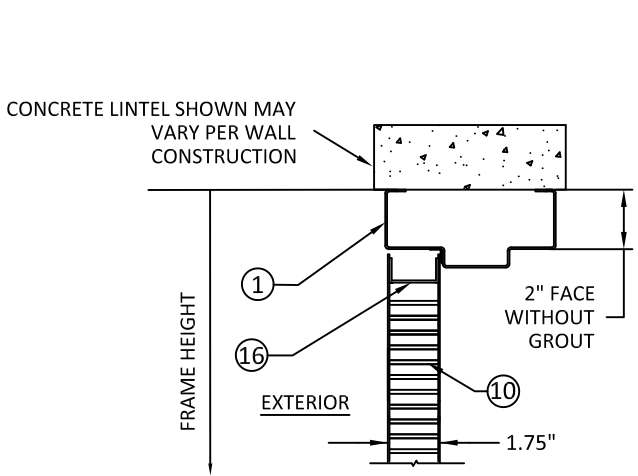
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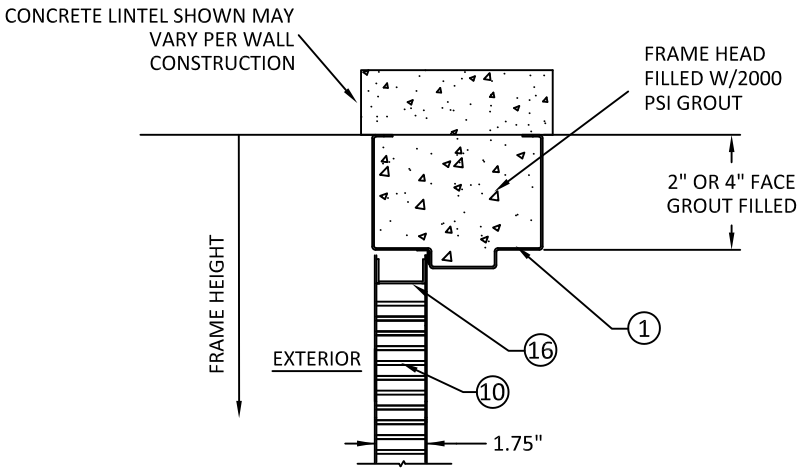
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OF 33

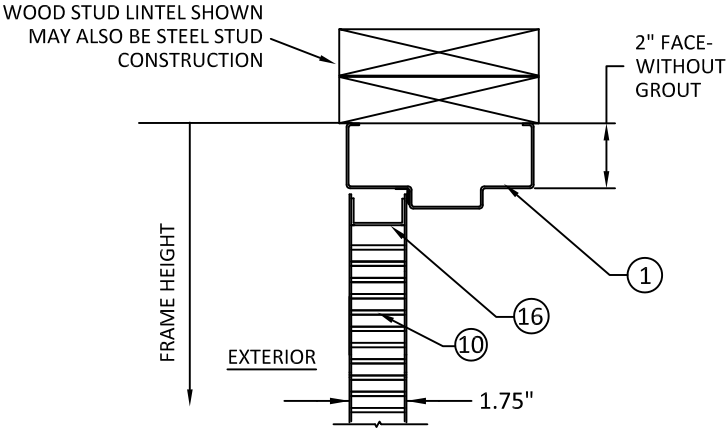
SEE PAGE 33 FOR
OPTION 2 ANCHOR DETAILS



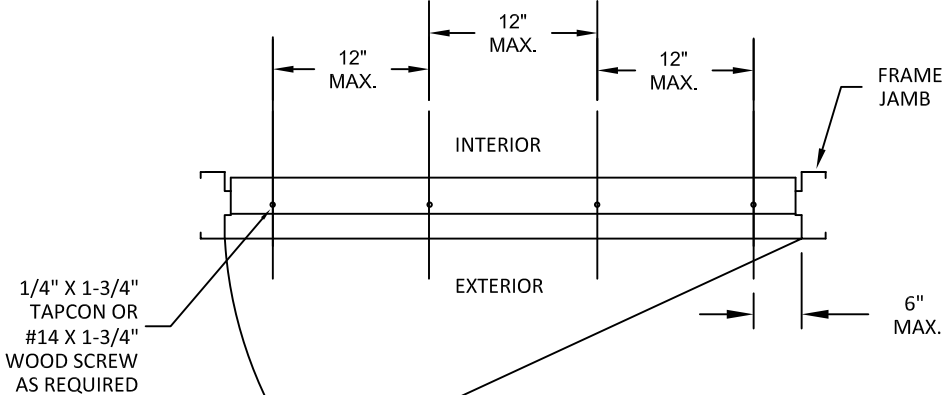
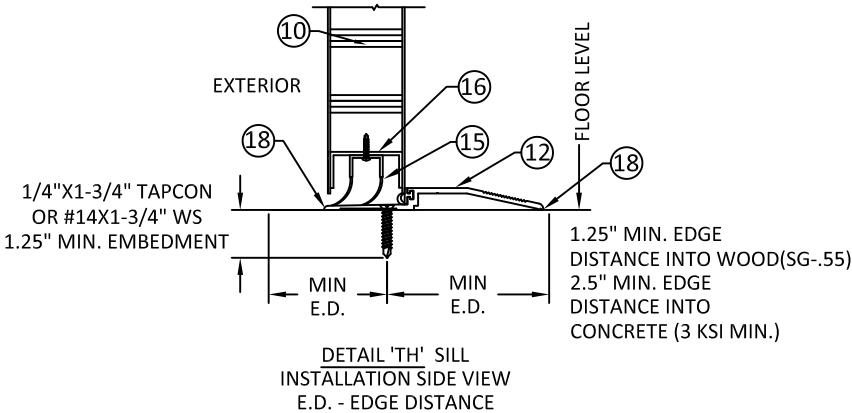
HD1 - FRAME HEAD SECTION



HD2 - FRAME HEAD SECTION



HD3 - FRAME HEAD SECTION



DETAIL 'TH'
SILL INSTALLATION
DOUBLE DOORS
ALSO SEE SHT. 33

NOTES:
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)
STEELCRAFT: FRAME HEAD &
SILL ANCHOR DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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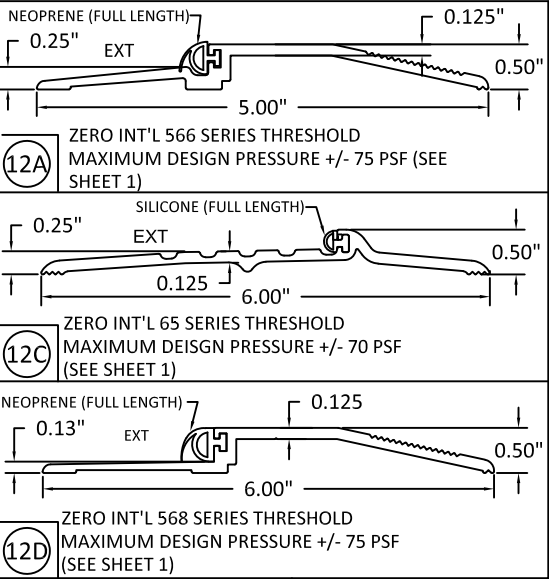
SHEET:

21

OF 33

TABLE 7.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

ITEM NUMBER	MODEL NO./ DESCRIPTION	MFG.
12	12A 566 THRESHOLD	ZERO INT'L
	12C 65 THRESHOLD	ZERO INT'L
	12D 568 THRESHOLD	ZERO INT'L
	12F 565 THRESHOLD	ZERO INT'L
	12G 560 THRESHOLD	ZERO INT'L
14	14A PS074 DOOR SEAL	STEELCRAFT
	14B 188S DOOR SEAL	ZERO INT'L
	14C 117S DOOR SEAL	ZERO INT'L
	14D 8145S DOOR SEAL	ZERO INT'L
	14E 8150S DOOR SEAL	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT



REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED -
MAXIMUM DESIGN PRESSURE 50 PSF
MAXIMUM DOOR SIZE 4'-0" X 8'-0"

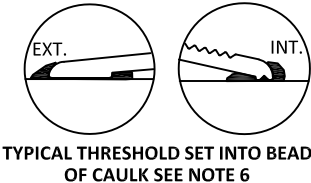
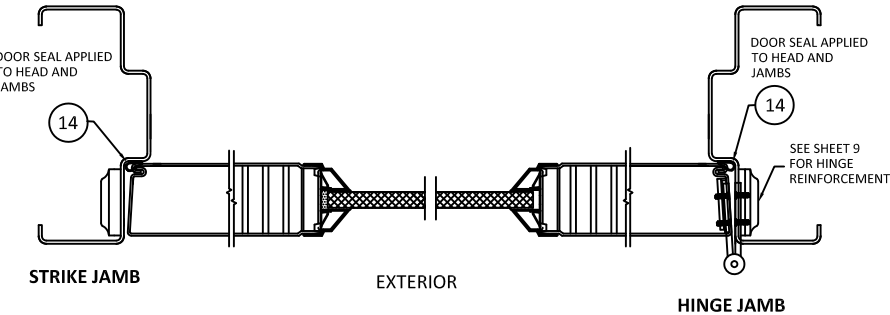
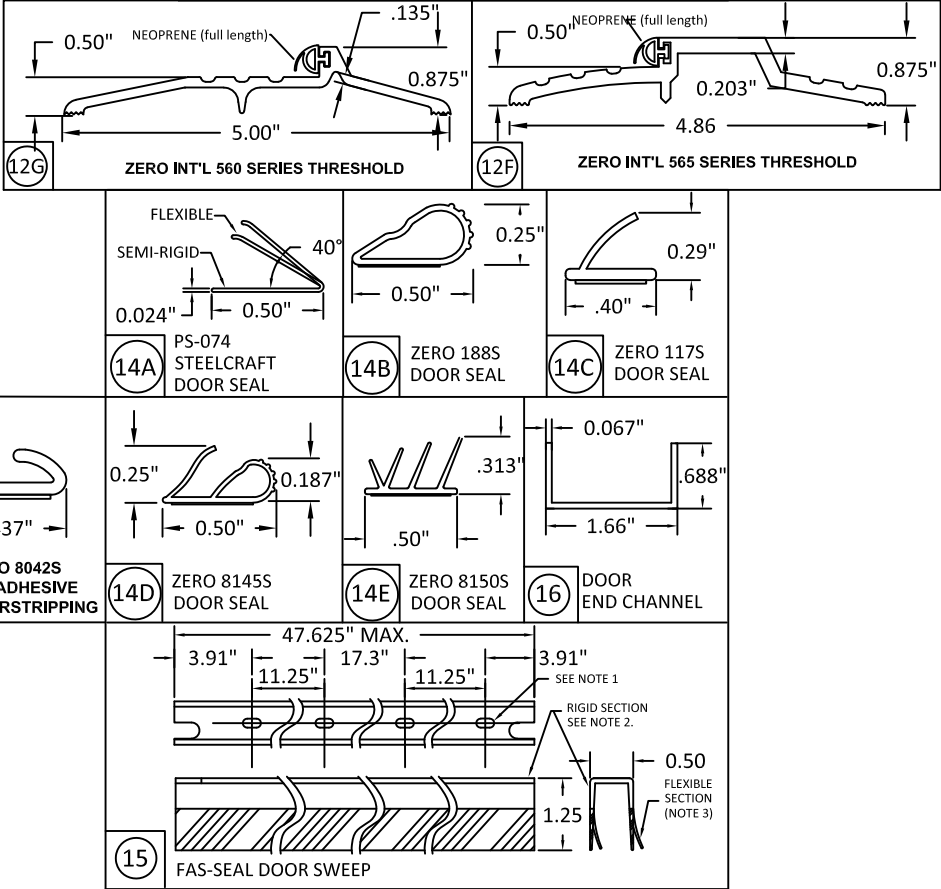
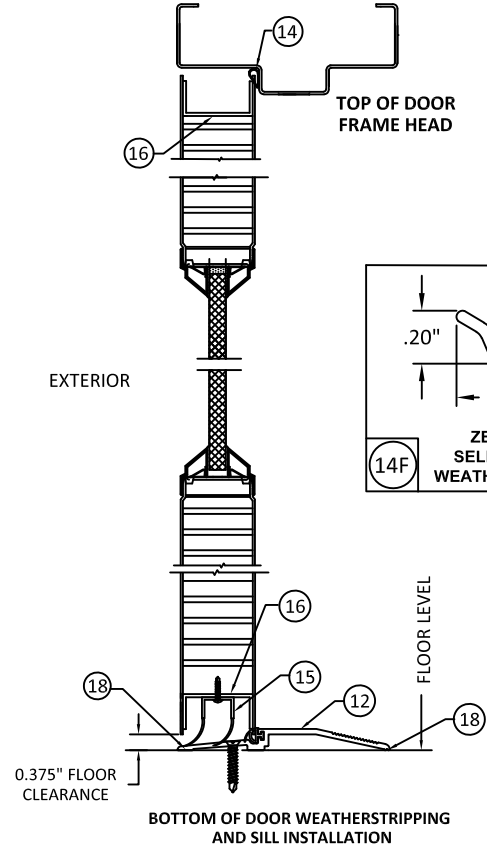
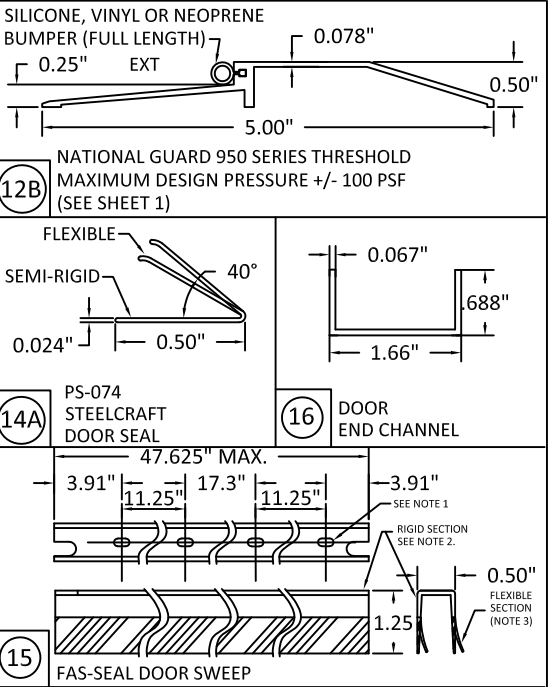


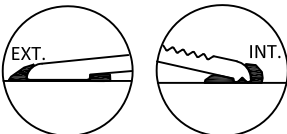
TABLE 7.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

ITEM NUMBER	MODEL NO./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
14A	PS074 DOOR SEAL	STEELCRAFT
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT

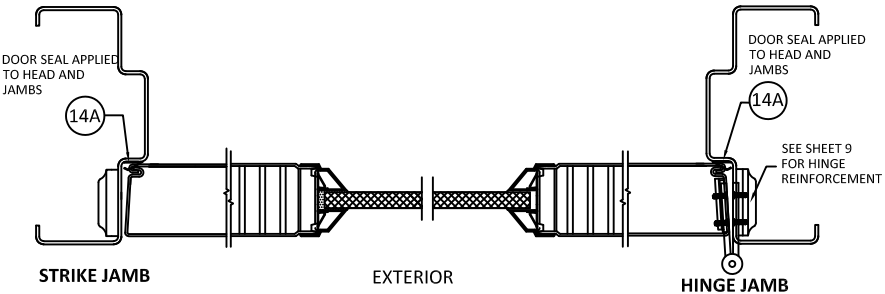
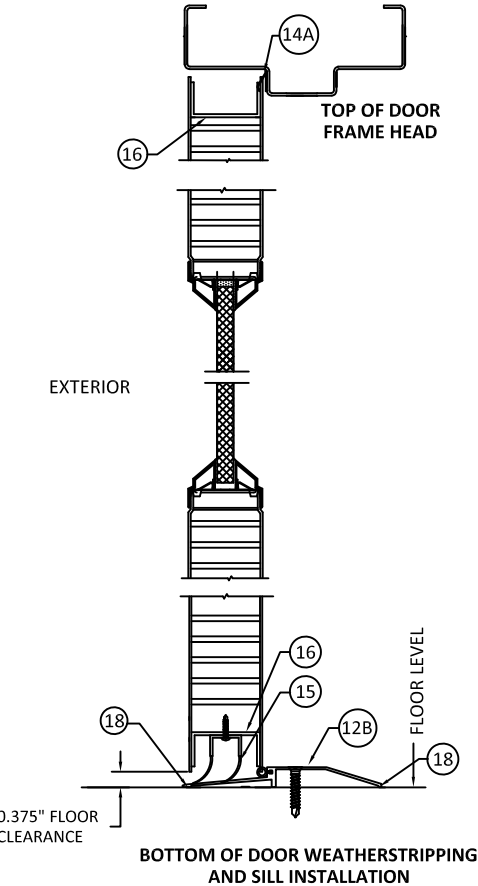
REQUIREMENTS WHEN WATER INFILTRATION IS NOT
REQUIRED -
MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM
DOOR SIZE OF 4'-0" X 8'-0"



- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. STEELCRAFT INSTALLATIONS REQUIRE FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A, 14B, 14C, 14D, 14E & 14F) AND THRESHOLD (12A, 12B, 12C, 12D, 12G, & 12F) AS APPLICABLE.
 5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
 6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL.
 7. REPUBLIC INSTALLATIONS REQUIRE DOOR SEAL (14A, 14B, 14C, 14D, 14E & 14F) AND THRESHOLD (12A, 12B, 12C, 12D, 12G & 12F) AS APPLICABLE.
 8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE.



TYPICAL THRESHOLD SET INTO BEAD
OF CAULK SEE NOTE 6



ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

GASKETING DETAILS FOR
NO WATER INFILTRATION

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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DWG. #: GSDA330

SHEET:

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TABLE 8.1 WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLD 566

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
14B	188S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	ZERO INT'L
24B	328 DOOR SWEEP	ZERO INT'L
25A	475 ADJUSTABLE SEAL	ZERO INT'L
26A	142 RAIN DRIP	ZERO INT'L
26B	11 RAIN DRIP	ZERO INT'L
27A	DOOR TOP CAP	STEELCRAFT
27B	FLUSH TOP CAP	STEELCRAFT

REQUIREMENTS WHEN WATER INFILTRATION IS REQUIRED -
MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0"

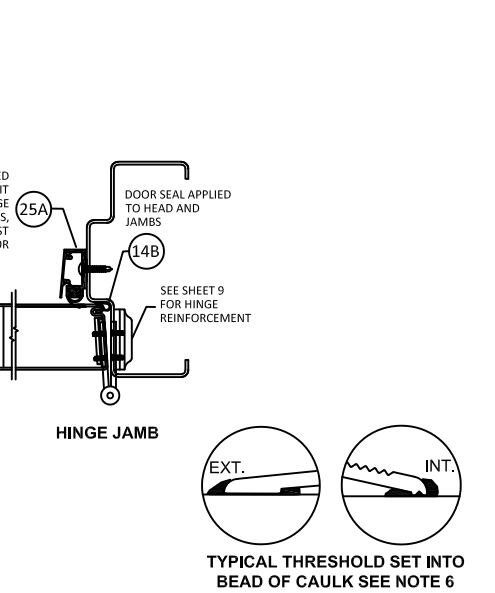
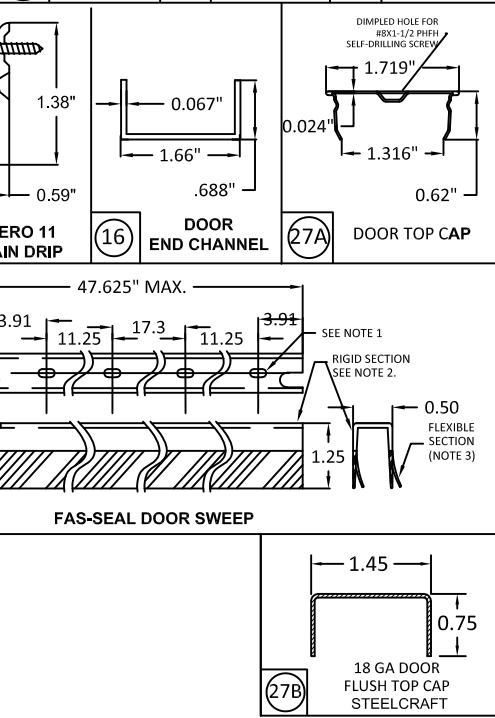
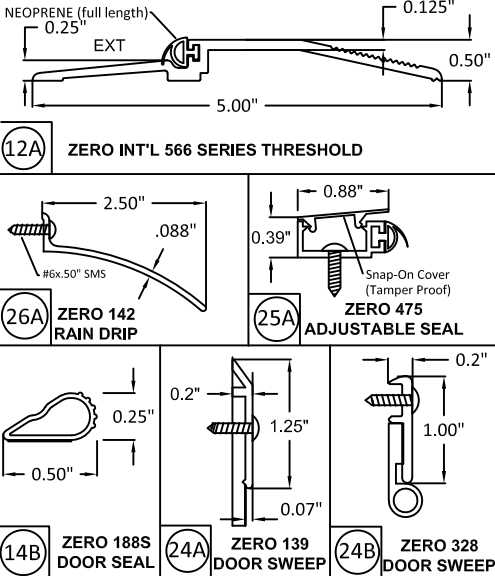
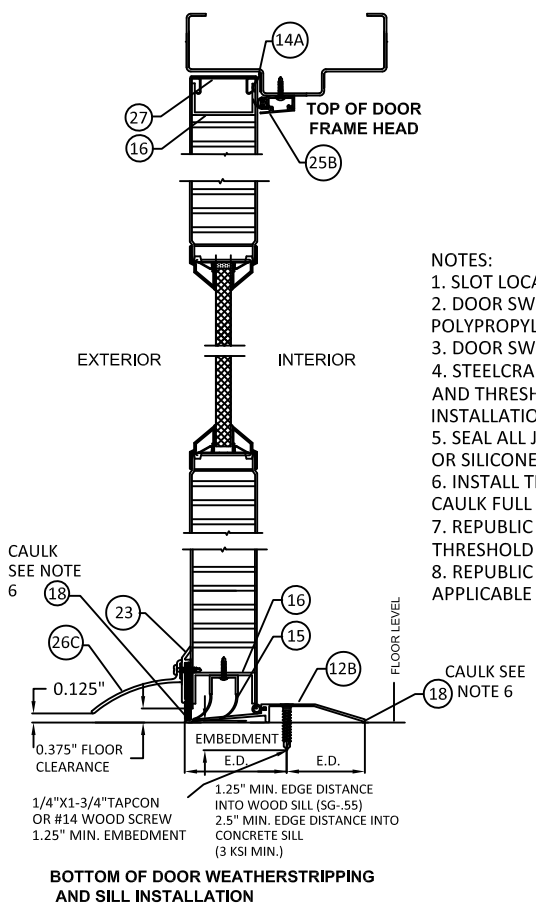


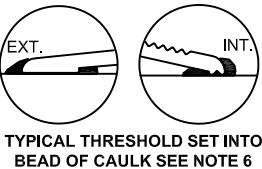
TABLE 8.2 WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
14A	PS074 DOOR SEAL	STEELCRAFT
23	202N DOOR SEAL	NGP
24C	200N DOOR SWEEP	NGP
25B	170N ADJUSTABLE SEAL	NGP
26C	16A RAIN DRIP	NGP
27A	DOOR TOP CAP	STEELCRAFT
27B	FLUSH TOP CAP	STEELCRAFT

REQUIREMENTS WHEN WATER INFILTRATION IS REQUIRED -
MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0"



- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. STEELCRAFT INSTALLATION REQUIRE FAS-SEAL DOOR SWEEP (15), AND THRESHOLD (12A OR 12B AS REQUIRED) ARE REQUIRED FOR ALL INSTALLATIONS.
 5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
 6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL
 7. REPUBLIC INSTALLATIONS REQUIRE DOOR SEAL (14A & 14B) AND THRESHOLD (12A OR 12B) AS APPLICABLE.
 8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE





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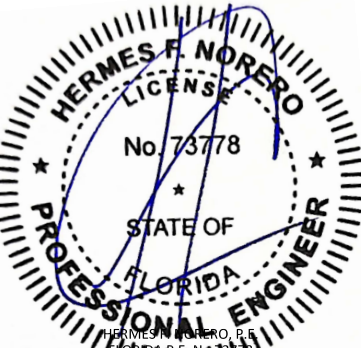
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)
GASKETING DETAILS FOR
WATER INFILTRATION

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1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL10356

DATE: 05.12.23

DWG. BY: DI CHK. BY: HFN

SCALE: NTS

DWG. #: GSDA330

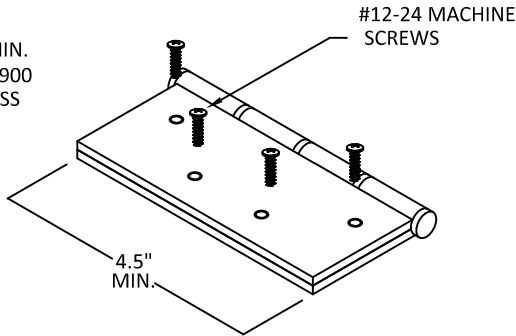
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23

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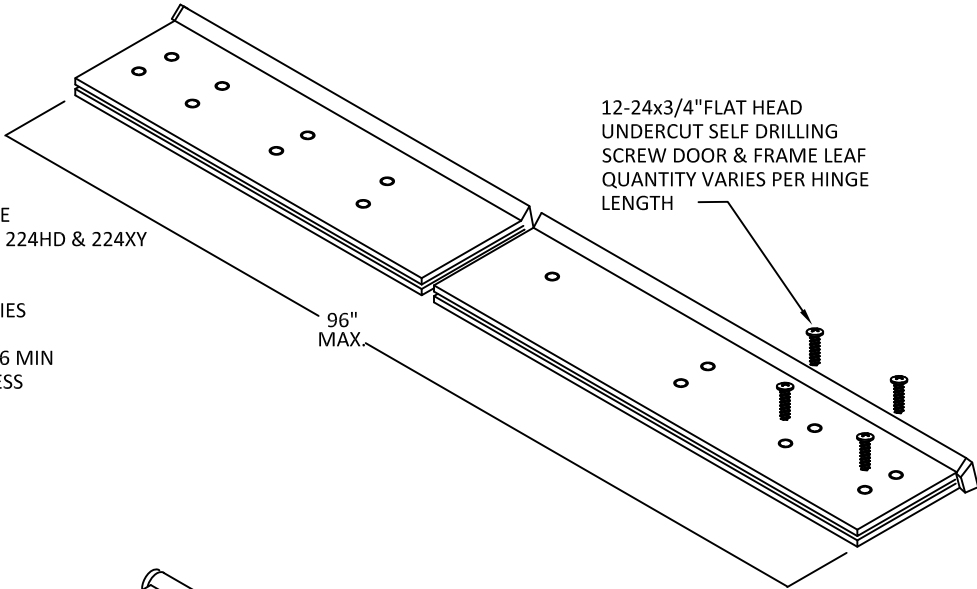
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STEEL, STAINLESS STEEL, OR BRASS
BUTT HINGE 4.5" X 4.5" STD. WT. MIN.
IVES 5BB1/3CB1 STANLEY FBB179/1900
HAGER BB1279 .134" MIN. THICKNESS



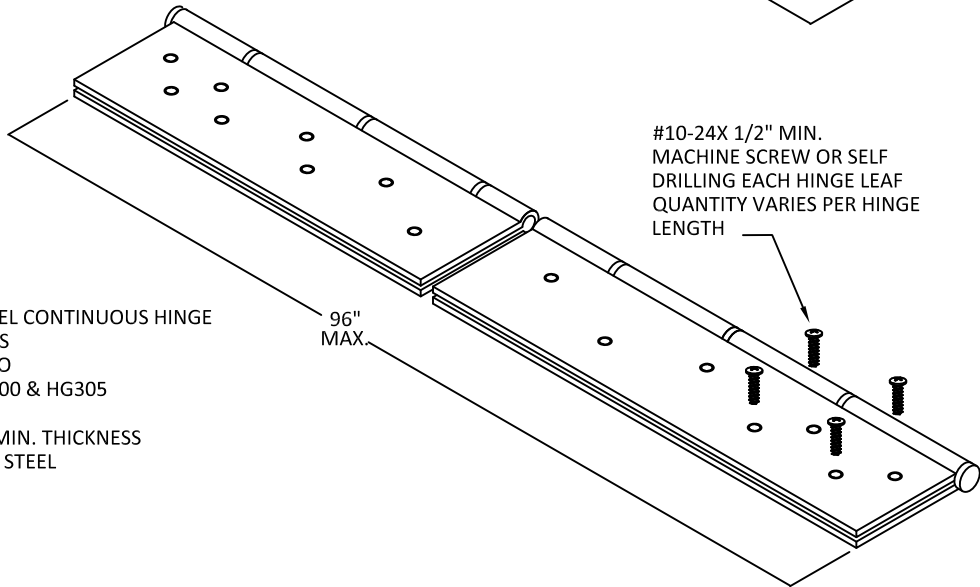
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CONTINUOUS HINGE
IVES 112HD, 112XY, 224HD & 224XY
STANLEY 661HD
SELECT SL11HD
PEMCO FM_HD SERIES
HAGER 780-224HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS

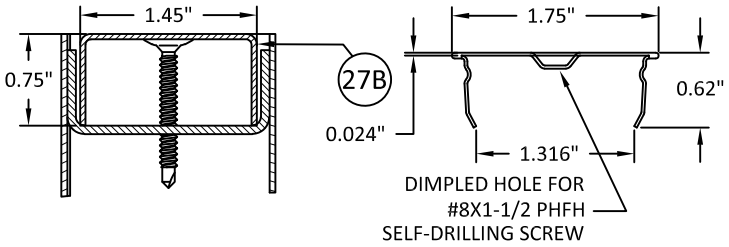


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STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
HAGER 790-900
MARKAR FM-300 & HG305
ABH A-500
.075" (14GA.) MIN. THICKNESS
304 STAINLESS STEEL
Fy MIN = 31KSI

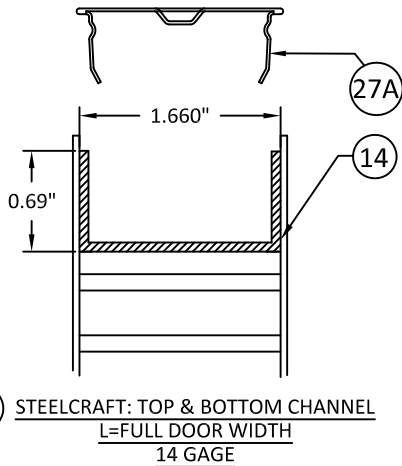


- HINGE NOTES:
1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
 2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
 3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS
 4. BUTT AND CONTINUOUS HINGES MAY INCLUDE ELECTRICAL THROUGH-WIRE, POWER TRANSFER AND MONITORING
 5. REINFORCE DOOR FOR CONTINUOUS HINGE MANUFACTURERS RECOMMENDATION. FRAME DOES NOT REQUIRE ANY ADDITIONAL REINFORCEMENT.

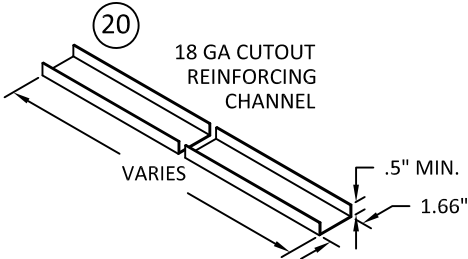


27B STEELCRAFT: 18 GA
FLUSH TOP CAP
(OPTIONAL)

27A STEELCRAFT: 24 GA TOP CAP
(OPTIONAL)



14 STEELCRAFT: TOP & BOTTOM CHANNEL
L=FULL DOOR WIDTH
14 GAGE



7 7 GA
DOOR HINGE
REINFORCEMENT

8 7 GA
FRAME HINGE
REINFORCEMENT



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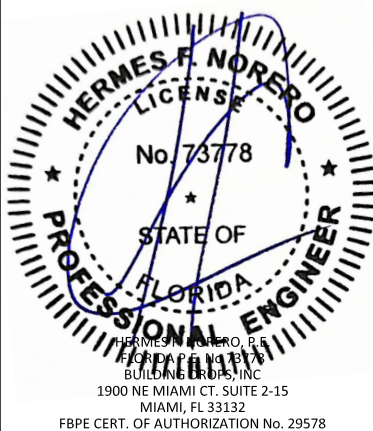
HINGES, CHANNELS,
& STRIKE REINFORCEMENTS

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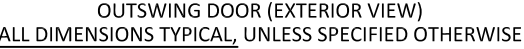
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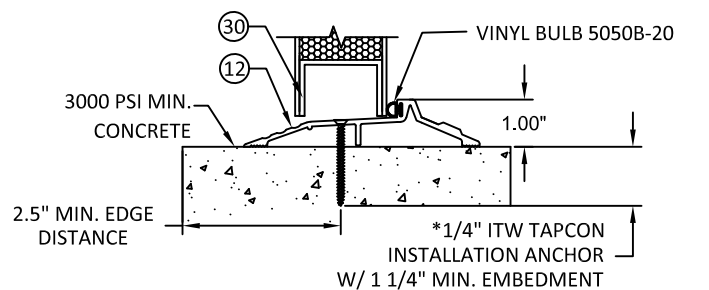
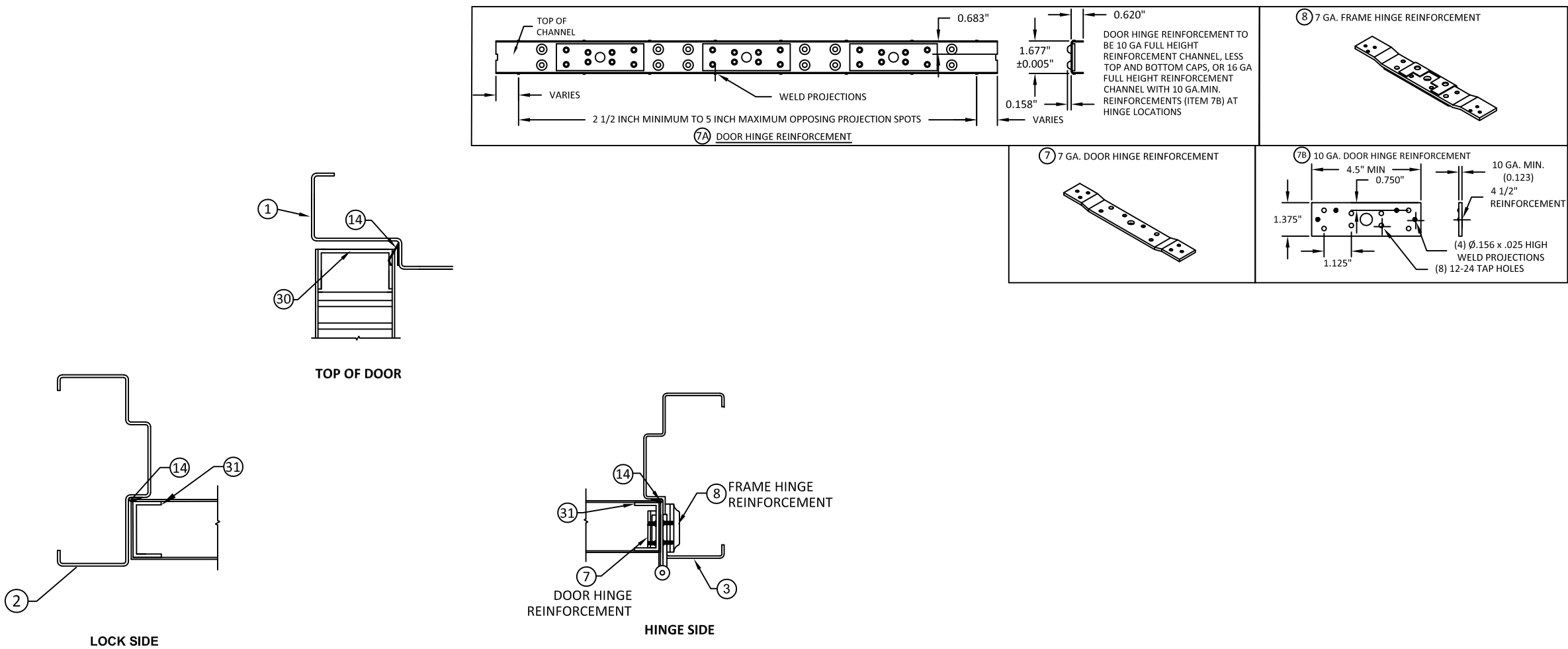


ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE	
1	1	HEAD	.053" MIN. STL	MAX. 52"	
2	1	STRIKE JAMB	.053" MIN. STL	MAX. 100"	
3	1	HINGE JAMB	.053" MIN. STL	MAX. 100"	
4	VARIES	LEXAN BY SABIC INNOVATIVE PLASTICS	.25" OR .50"	35.406" X 75.656" MAX.	
		LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER	.562" TYP.		
		SUPERLITE II-XL BY SAFTI W/ KURARAY SENTRYGLAS INTERLAYER	1.06" OR 1.438" TYP.		
		5/16" HS LAMINATED GLASS WITH SAFLEX CP BY EASTMAN INTERLAYER	.3125" TYP.		
6	AS NEEDED	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"	
7	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.053" MIN. STL	1.23" X 9.19" MIN.	
7A	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.053" MIN. STL	1.677" X FULL HEIGHT - END CHNLS	
7B	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.123" MIN. STL	1.375" X 4.5"	
8	NOTE 3, SHT. 1	HINGE REINFORCEMENT FRAME	.167" MIN. STL	1.5" X 9.19" MIN.	
9	NOTE 3, SHT. 1	4.5" MIN. BUTT HINGES (SEE SHT. 24)	.134 MIN. STL.	(8) #12-24 MS PER HINGE	
		OPTIONAL CONTINUOUS HINGE (SEE SHEET 24)	.750" MIN.STL /.110 ALUM.	MAX. 95"	
10	1	CORE MATERIAL:			
		D) HONEYCOMB	C) STEEL STIFFENED	SEE SHT. 11	
		A&F) POLYSTYRENE	B&F) POLYURETHANE/POLYISOCYANURATE		
		E) MINERAL BOARD TEMPERATURE RISE CORE			
11	1	LOCKING HARDWARE - LOCKSET	SEE SHTS. 2 & 3		
12	1	THRESHOLD SILL W/BUMPER GASKET (SHT. 22-23)			48" MAX
		12A) 566 ZERO 12F) 565 ZERO		.125" ALUM. 6063 T5	
		12B) 950A NGP		.078" ALUM. 6063 T5	
		12C) 65 ZERO 12G) 560 ZERO		0.125" ALUM. 6063 T5	
		12D) 568 ZERO		0.125" ALUM. 6063 T5	
		12E) 803V NGP		0.100" ALUM. 6063 T5	
13	NOTE 2, SHT. 1	JAMB ANCHOR	SEE SHTS. 16-20 & 28-32	-	
14	SEE SHTS. 22-23	14A) P5074 DOOR SEAL	TPE	VARIES	
		14B) 188S, 14C) 117S, 14D) 8145S, 14E) 8150S 14F) 8042S	SILICONE		
15	-	-	-	-	
16	-	-	-	-	
18	AS NEEDED	CAULK - BUTYL RUBBER OR SILICONE	SEE SHTS. 22-23	-	
19	AS NEEDED	GLAZING HOLDING TRIM SEE SHT. 12		0.032" MIN. STL.	VARIES - EXPOSED GLASS MAX SEE SHTS. 2 & 3 FOR DETAILS & LIMITATIONS
		A) DEZIGNER TRIM			
		B) STEEL OVERLAPPING TRIM			
		F) STEEL OVERLAPPING TRIM			
		E) HIGH SECURITY VISION FRAME	SG-10 BY ANEMOSTAT	.093" (12GA) MIN. STL.	
			VLF-S10 BY AIR LOUVERS	.123" (10GA) MIN. STL.	
		D) VLF-EZHRC		.032" MIN. STL.	
C) VLF IGHRC					
20	NOTE 15, SHT. 1	CUTOUT REINFORCEMENT CHANNEL (18GA)	.047" MIN. STL	0.5" MIN. X 1.66" X 35.5"W & 75.5"H MAX.	
21	1	DOOR SLAB (16 OR 14 GA)	SEE SHT. 27	3' X 7' OR 4' BY 8" MAX	
23	SEE SHTS. 22-23	202N DOOR SWEEP BY NGP	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL	
24	SEE SHTS. 22-23	24A) 139 DOOR SWEEP BY ZERO INT'L	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL	
		24B) 328 DOOR SWEEP BY ZERO INT'L			
		24C) 200N DOOR SWEEP BY NGP			
25	SEE SHTS. 22-23	25A) 475 ADJUSTABLE SEAL BY ZERO INT'L	TPE	MAX 104"	
		25B) 170N ADJUSTABLE SEAL BY NGP			
26	SEE SHTS. 22-23	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHTS. 22-23	MAX. 36 " OR 48"	
		26B) 11 RAIN DRIP BY ZERO INT'L			
		26C) 16A RAIN DRIP BY NGP			
30	2	END CHANNEL (16 GA - INVERTED OR FLUSH)	.053" MIN. STL	.62" X 1.677"	
31	2	EDGE CHANNEL REINFORCEMENT (16GA)	.053" MIN. STL	.62" X 1.677"	

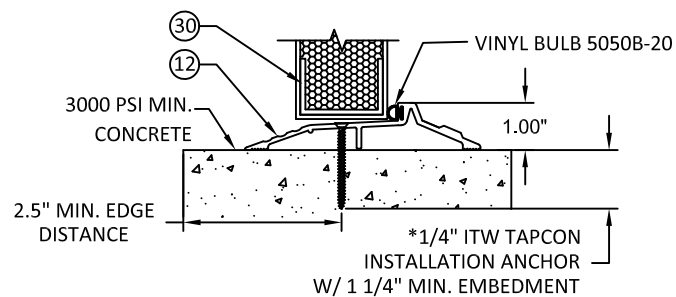


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OPTIONAL THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL



OPTIONAL THRESHOLD DETAIL (SILL) WITH FLUSH BOTTOM RAIL

*NOTE: 803V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG= 0.55) WITH MINIMUM 1-1/2" EMBEDMENT AND MINIMUM 3/4" EDGE DISTANCE.



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COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

REPUBLIC DOORS: SILL &
REINFORCEMENT DETAILS

PREPARED BY:

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MIAMI, FL 33132

PH: (954)399-8478

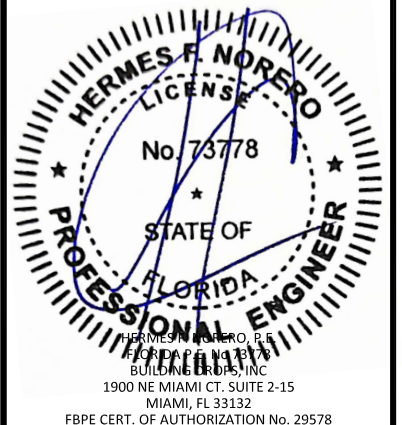
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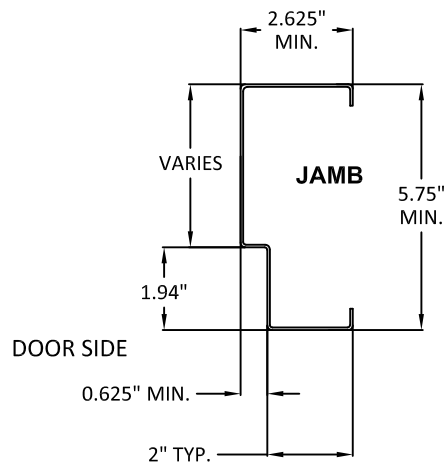
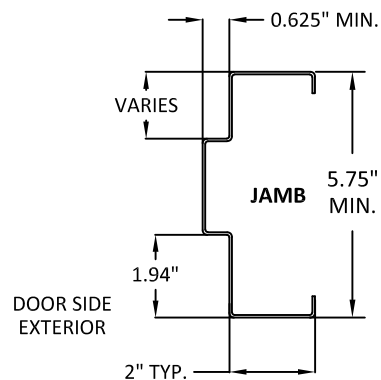
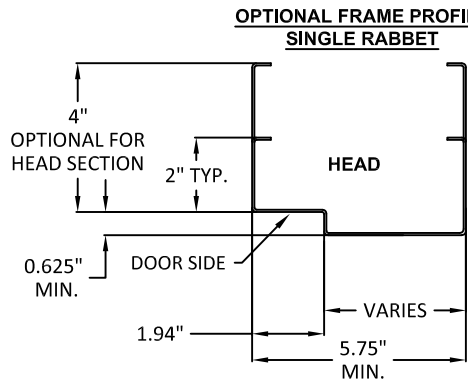
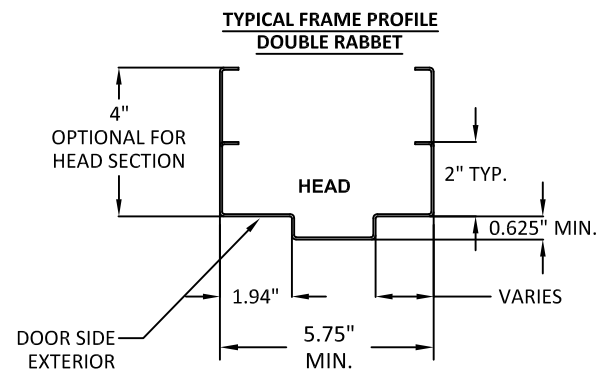
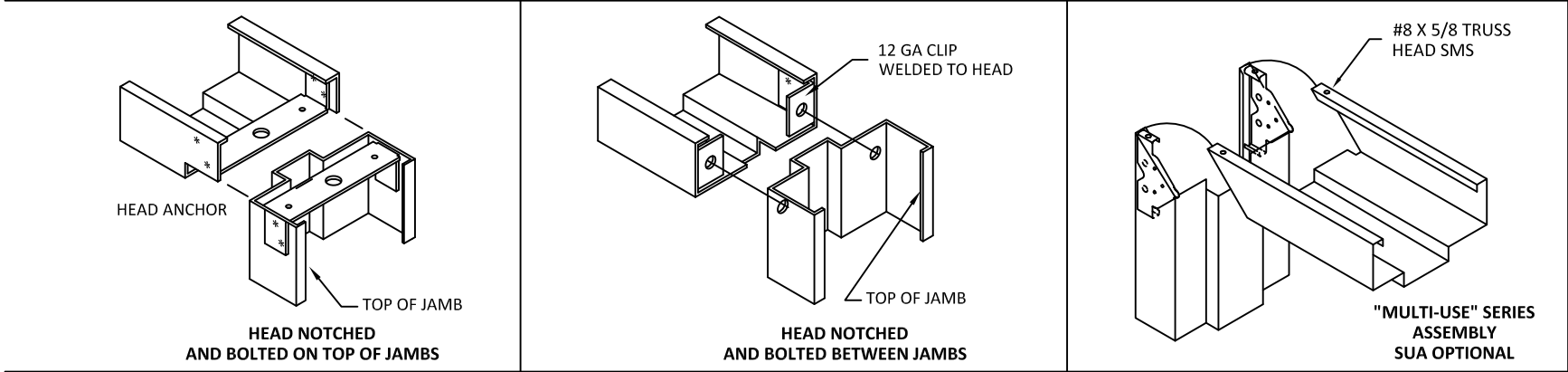
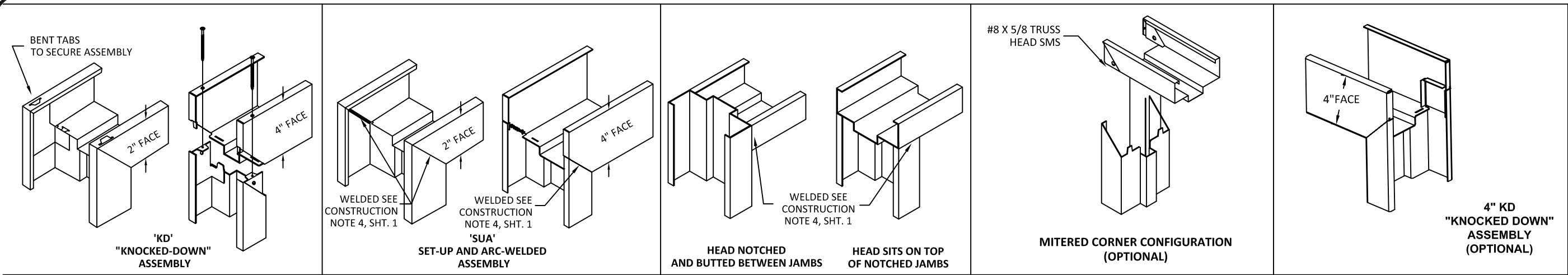


TABLE 10: AVAILABLE REPUBLIC DOOR CONFIGURATIONS

REPUBLIC DOOR SERIES	DOOR CORE MATERIAL PER SHT. 11	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
DL	HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	4'-0"	8'-0"	CRS. GALV.	18/.044"
DE		4'-0"	8'-0"	CRS. GALV.	14/.067"
DP	HONEYCOMB POLYSTYRENE	4'-0"	8'-0"	CRS. GALV.	18/.044"

TABLE 11: AVAILABLE REPUBLIC FRAME CONFIGURATIONS

REPUBLIC FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
ME/SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"
SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	12/.093"

TABLE 12: STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A1008	MIN. 41.5	MIN. 52.4
HRS	A1011		
GALV.	A924/A653		

NOTES:

- FRAME CONSTRUCTION
- 1.1 MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
- 1.2 FRAMES AVAILABLE AS FLUSH AND MULTI-USE (SEE TABLE 11)
2. FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 12.



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COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

REPUBLIC DOORS: FRAME DETAILS &
CORNER CONSTRUCTION

PREPARED BY:

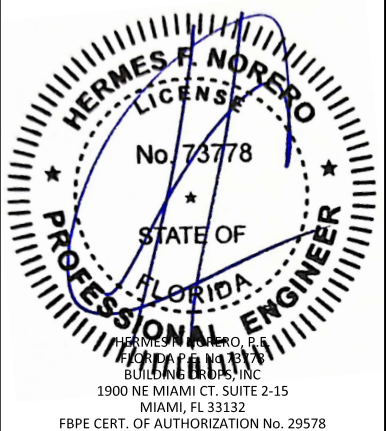
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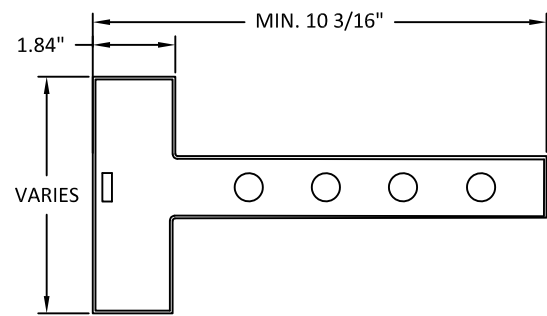
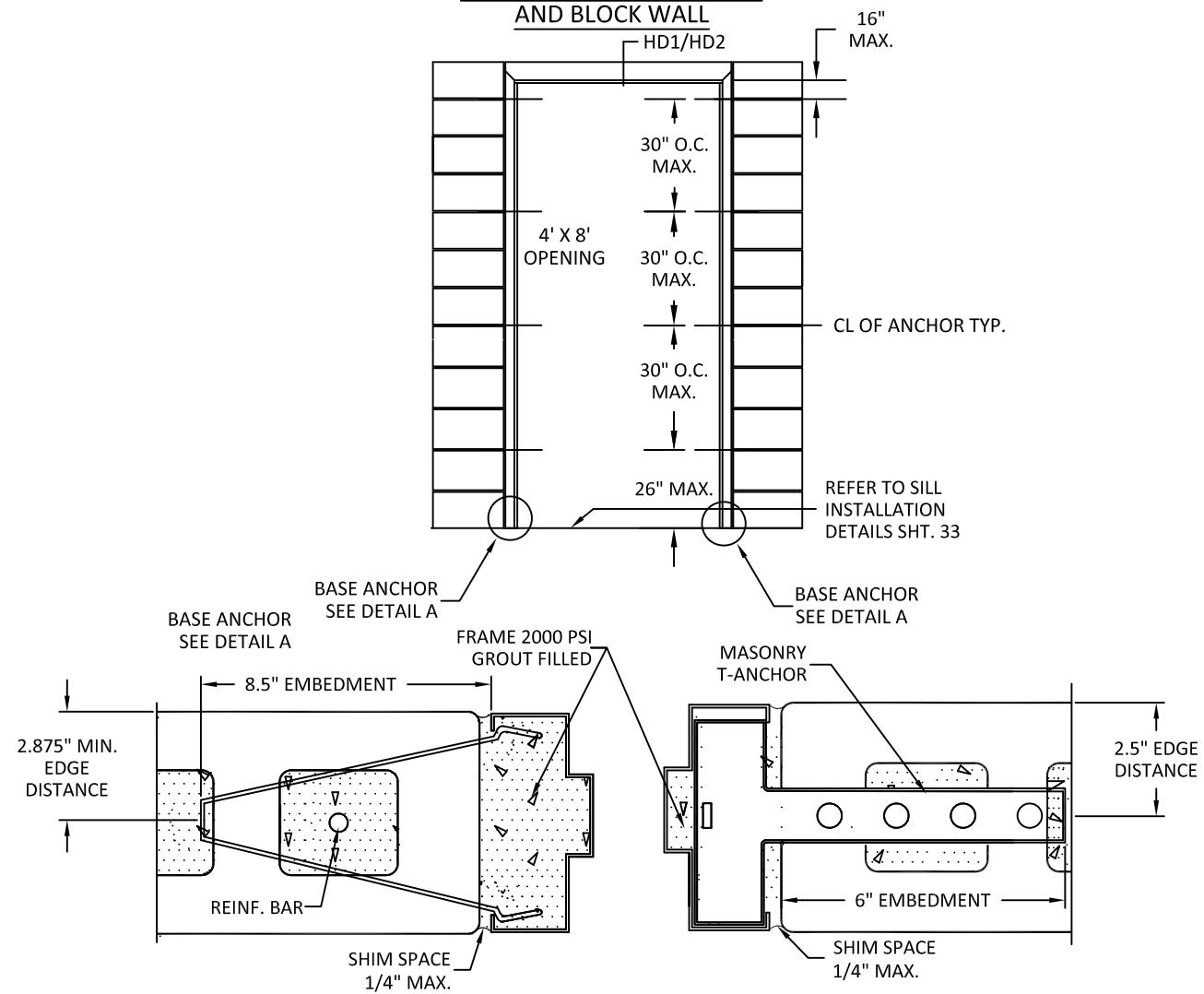
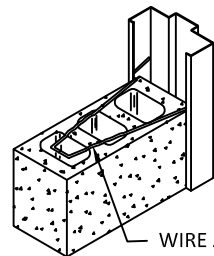
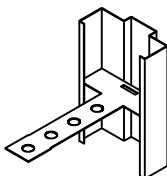
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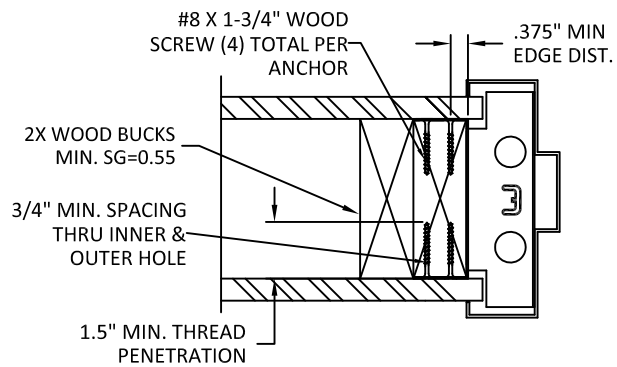
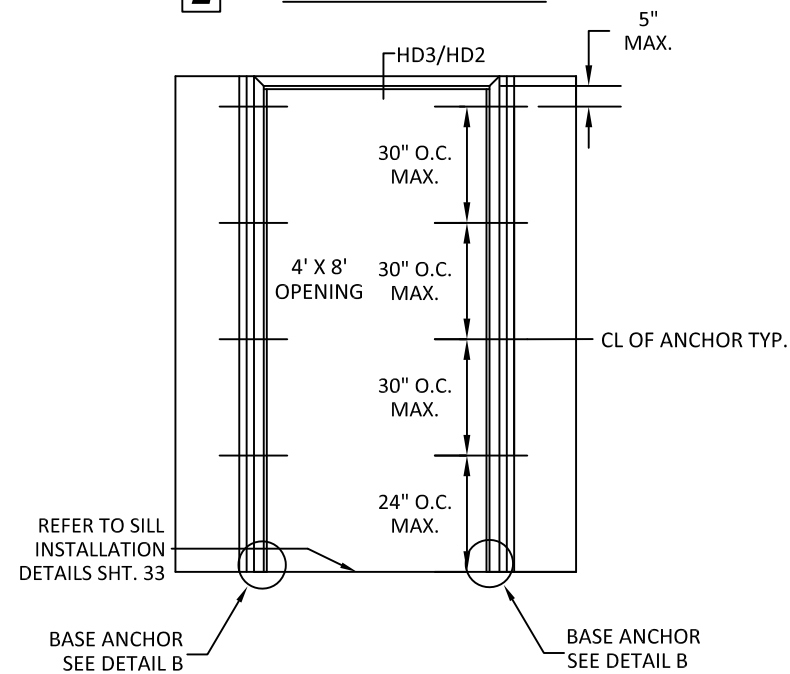
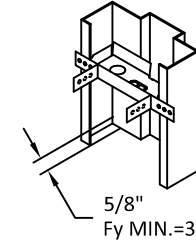
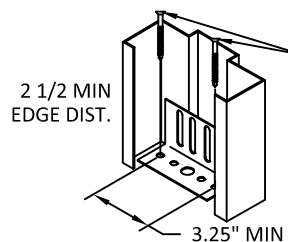
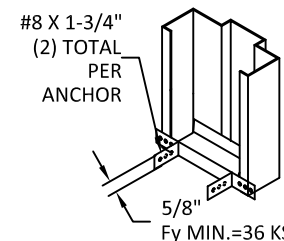
SHEET: 27

OF 33

1

**WIRE OR T MASONRY ANCHOR
INTO GROUT FILLED FRAME
AND BLOCK WALL**MASONRY BLOCK WALLS
CMU (C-90) 2000 PSI
GROUT FILLEDWIRE ANCHOR Ø3/16\" BRIGHT
BASIC WIRE 5.19\" X 9.56\"
WIRE MASONRY ANCHOR Fultim
MIN.=58 KSI Fy MIN.=36 KSIMASONRY
T-ANCHOR

2

WOOD STUD ANCHORWOOD STUD OR UNIVERSAL ANCHOR
(LOCK-IN OR WELD-IN)*WOOD STUD WALLS
SEE NOTE 11, SHT. 1DETAIL A
JAMB BASE ANCHOR
(INTO CONCRETE)(3 KSI MIN.)
Ø0.375\" WITH 2\"
MIN. EMBEDMENT
DEWALT/POWERS POWER
BOLT, DEWALT/POWERS
LOK BOLT AS.
HILTI HLC-FPH SLEEVE
ANCHOR, SIMPSON STRONG
TIE SLEEVE-ALL OR 3/8\" LAG
BOLT INTO (2) 2X WOOD
SILL (SG=0.55)DETAIL B
JAMB BASE ANCHOR
(WELDED OR ADJUSTABLE)SEE PAGE 16 FOR
OPTION 1 ANCHOR DETAILS**NOTES:**

1. (*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK.
4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.

ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)REPUBLIC DOORS: ANCHORS - WIRE OR
T MASONRY ANCHOR & WOOD STUD

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

PH: (954)399-8478

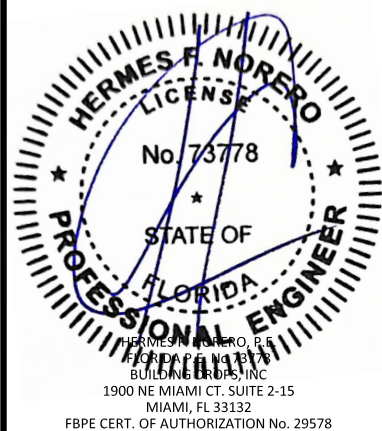
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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FL10356

DATE: 05.12.23

DWG. BY:
DICHK. BY:
HFN

SCALE: NTS

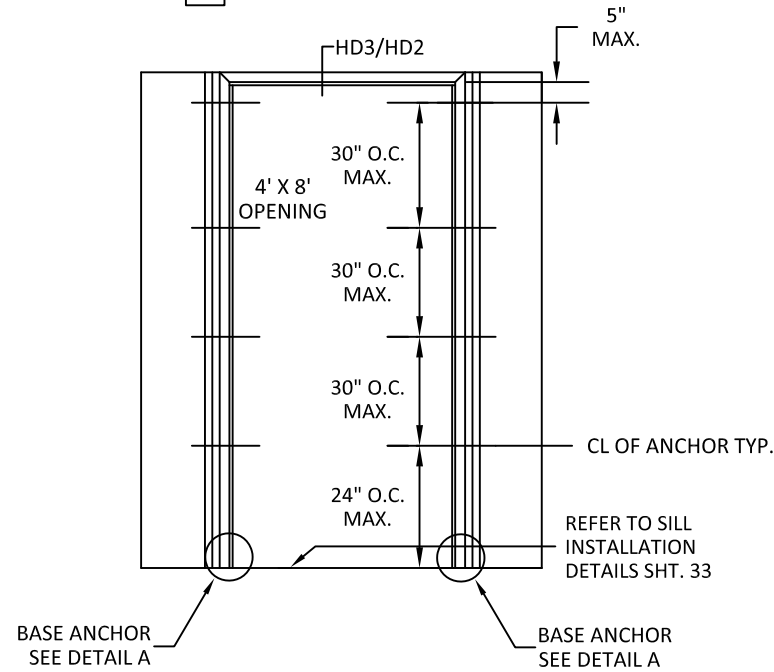
DWG. #: GSDA330

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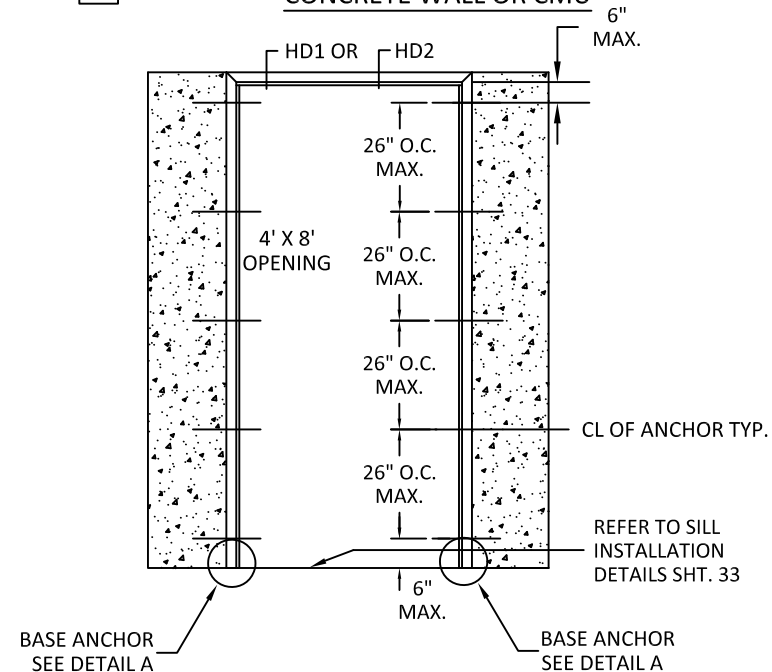
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OF 33

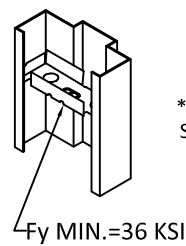
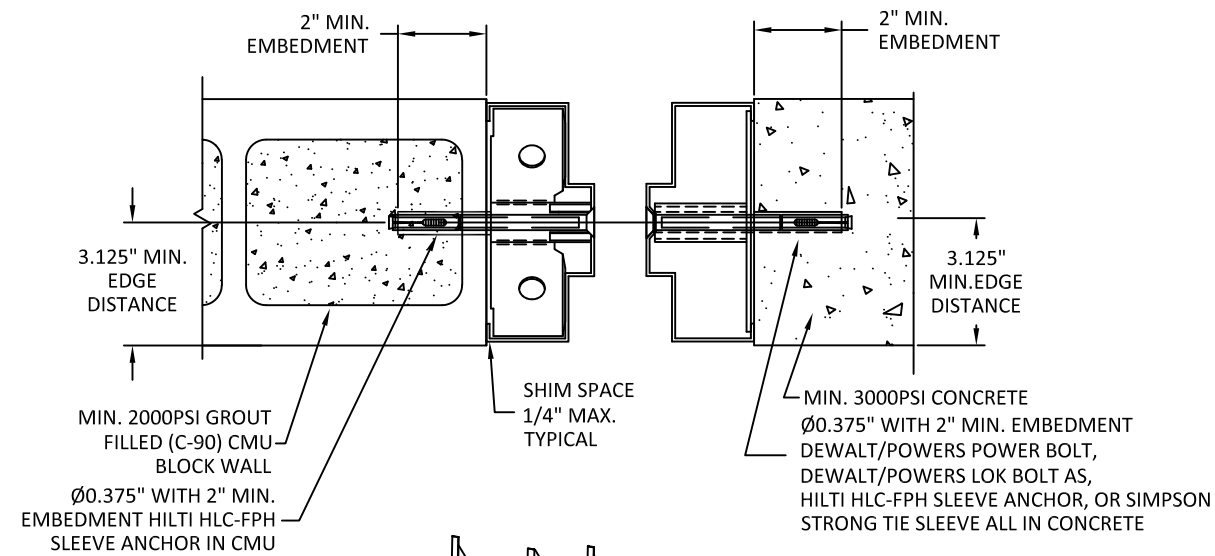
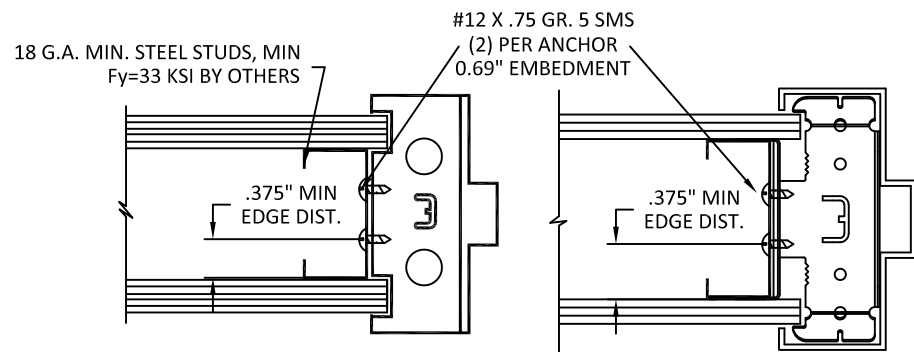
3 STEEL STUD ANCHOR



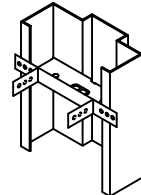
4 PREPARED OPENING ANCHOR (POA) INTO CONCRETE WALL OR CMU



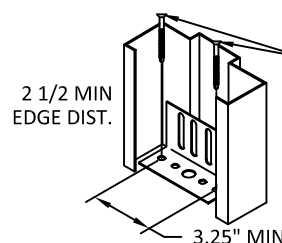
SEE PAGES 17 FOR
OPTION 1 ANCHOR DETAILS



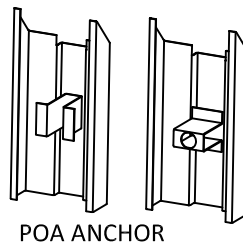
*STEEL STUD WALLS
SEE NOTE 11, SHT.1



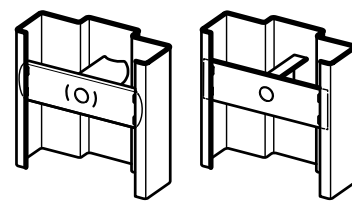
DETAIL A
JAMB BASE ANCHOR
(INTO CONCRETE)



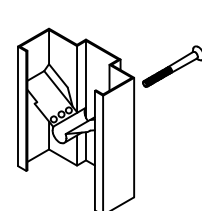
(3 KSI MIN.)
Ø0.375" WITH 2"
MIN. EMBEDMENT
DEWALT/POWERS POWER
BOLT, DEWALT/POWERS
LOK BOLT AS.
HILTI HLC-FPH SLEEVE
ANCHOR, SIMPSON STRONG
TIE SLEEVE-ALL OR 3/8" LAG
BOLT INTO (2) 2X WOOD
SILL (SG=0.55)



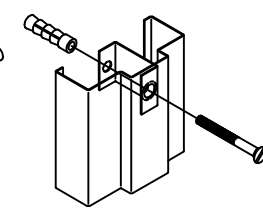
POA ANCHOR



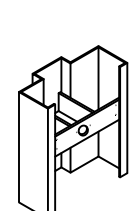
TUBE/CHANNEL &
PLATE BOLT-IN



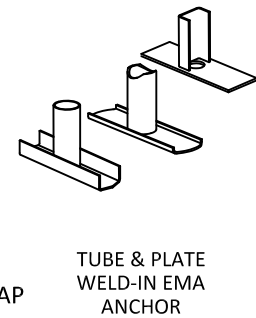
LOCK-IN



POA ANCHOR



TUBE AND STRAP



TUBE & PLATE
WELD-IN EMA
ANCHOR

NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

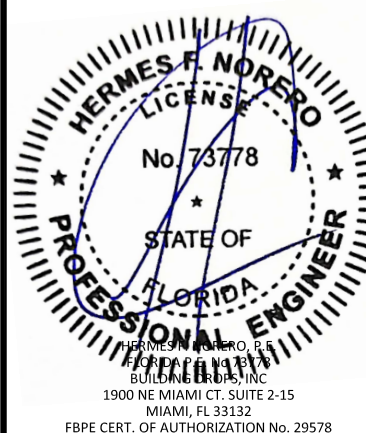
REPUBLIC DOORS: ANCHORS - STEEL STUD
& EMA INTO CONCRETE WALL OR CMU

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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FL10356

DATE: 05.12.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GSDA330

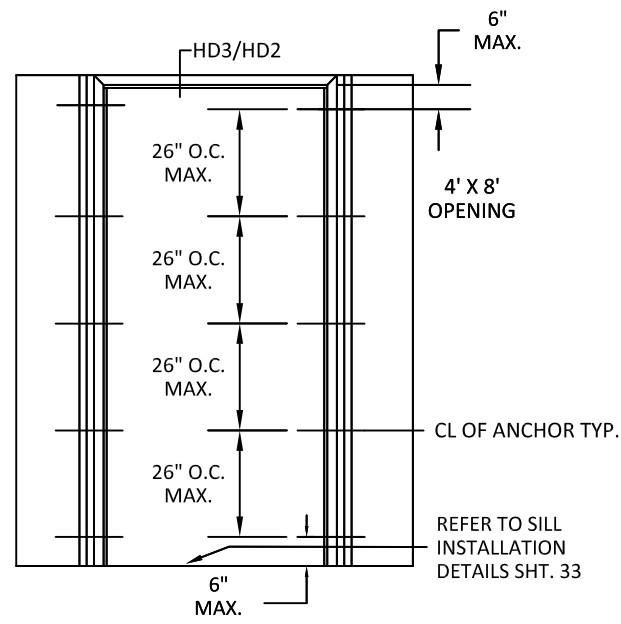
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OF 33

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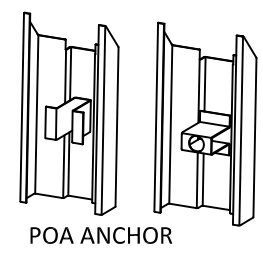
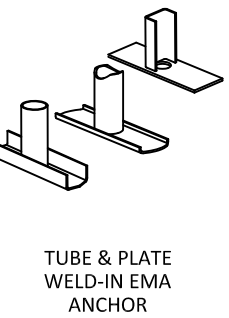
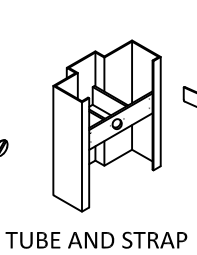
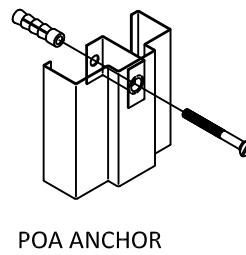
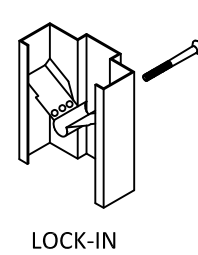
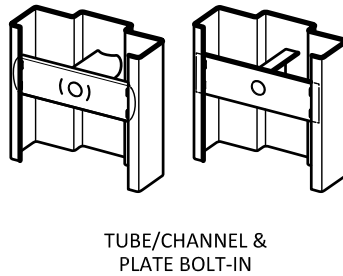
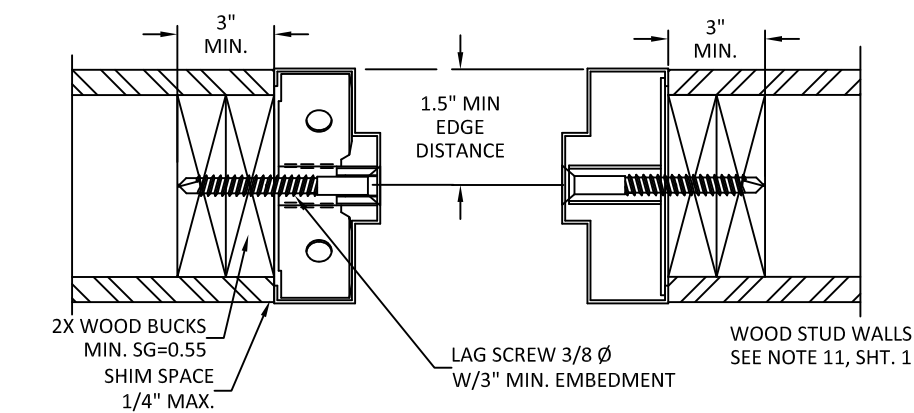
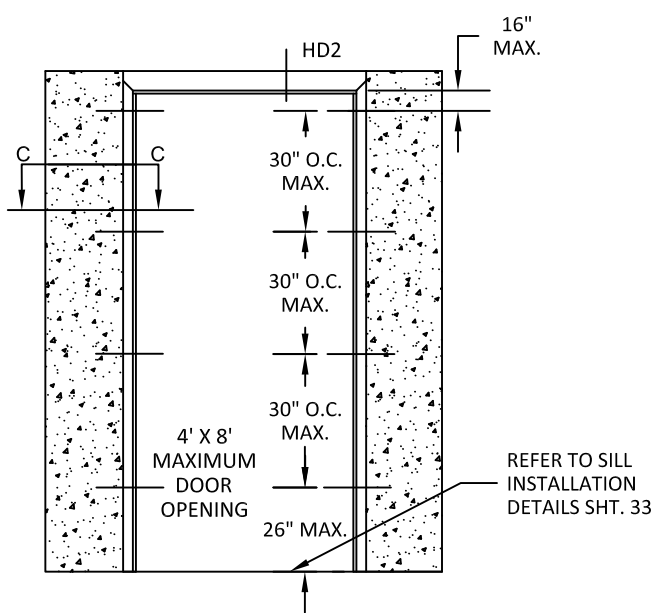
PREPARED OPENING ANCHOR (POA) WITH
LAG BOLT INTO WOOD STUD WALL



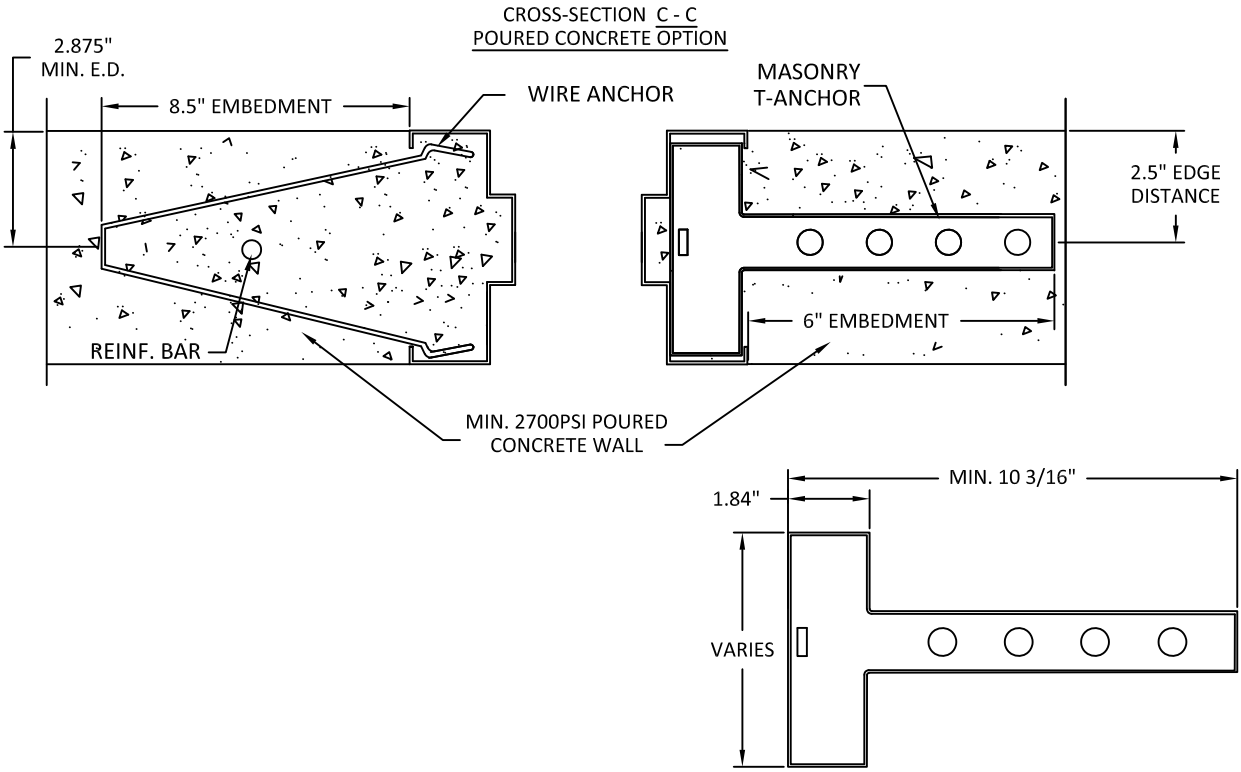
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POURED CONCRETE
TILT UP WALL

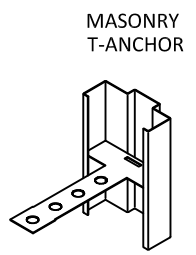
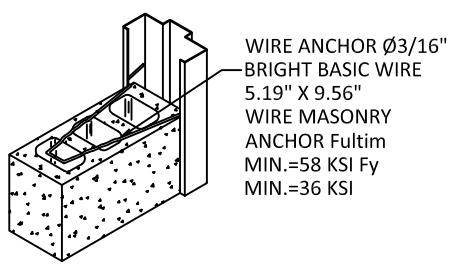
SEE PAGES 18 FOR
OPTION 1 ANCHOR DETAILS



NOTE:
1. 3/8" LAG SCREWS TO BE MIN SAE GRADE 2 OR EQUIVALENT.



MASONRY BLOCK WALLS
CMU (C-90) 2000 PSI
GROUT FILLED



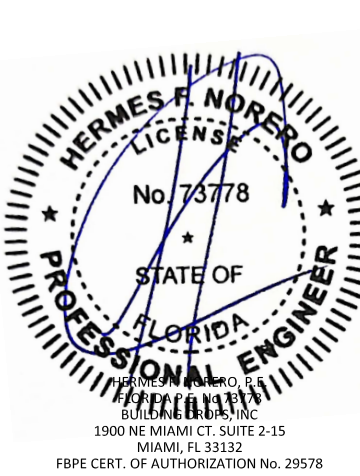
NOTES:
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)
REPUBLIC DOORS: ANCHORS - EMA W/ LAG
BOLT IN WOOD STUD WALL &
POURED CONCRETE TILT UP WALL
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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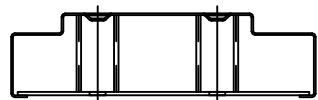


FL10356
DATE: 05.12.23
DWG. BY: DI CHK. BY: HFN
SCALE: NTS
DWG. #: GSDA330
SHEET: 30 OF 33

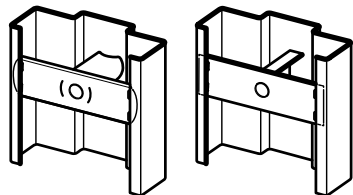
SEE PAGES 19 FOR
OPTION 1 ANCHOR DETAILS

7

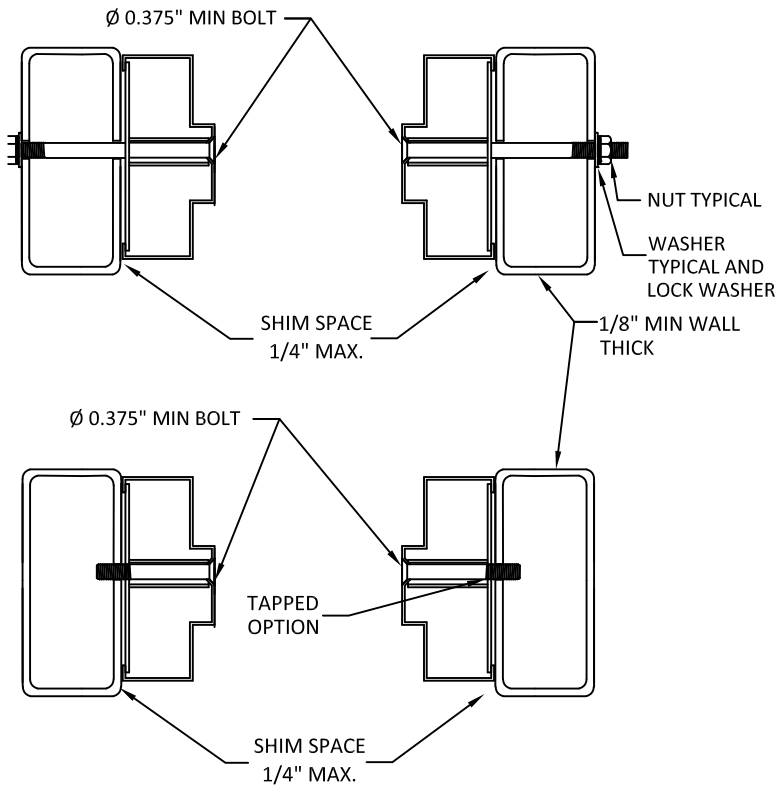
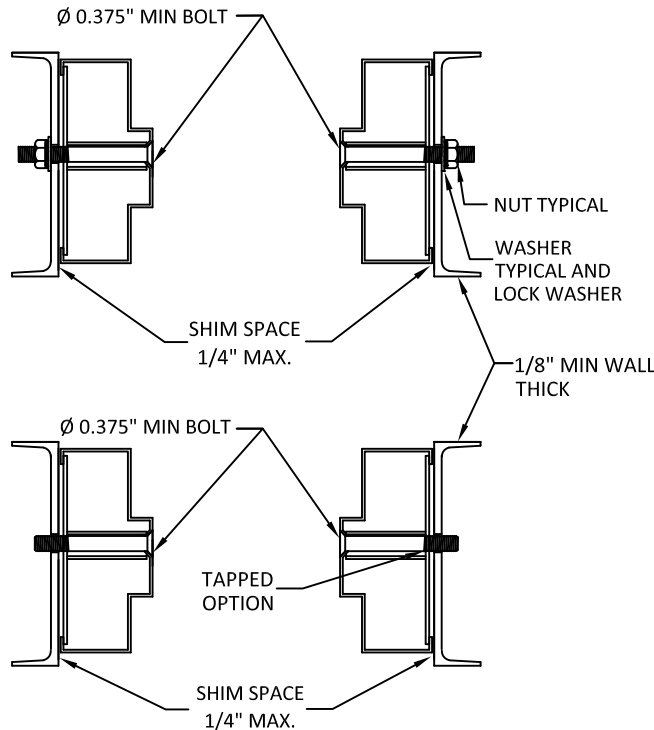
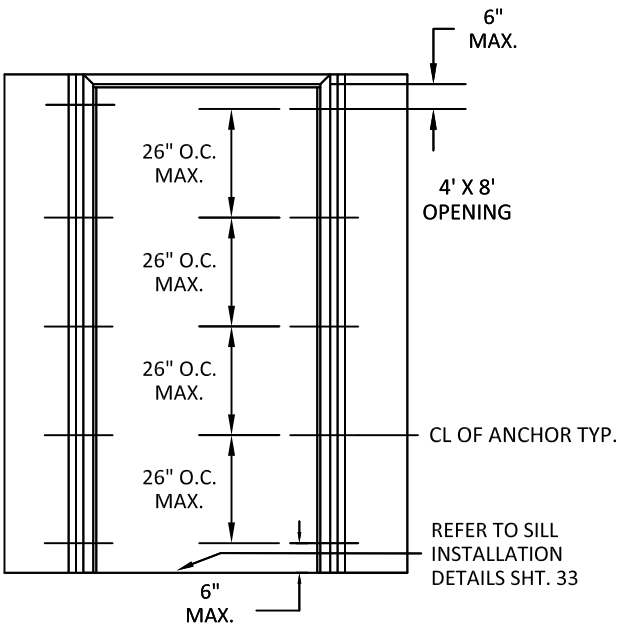
FRAMES BOLTED TO BUILDING STRUCTURE



9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



TUBE/CHANNEL &
PLATE BOLT-IN



NOTE:
1. 3/8" BOLTS AND NUTS TO BE MIN SAE GRADE 2 OR EQUIVALENT.

NOTES:

- 1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
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ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

REPUBLIC DOORS: ANCHORS - FRAMES
BOLTED TO BUILDING STRUCTURE

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

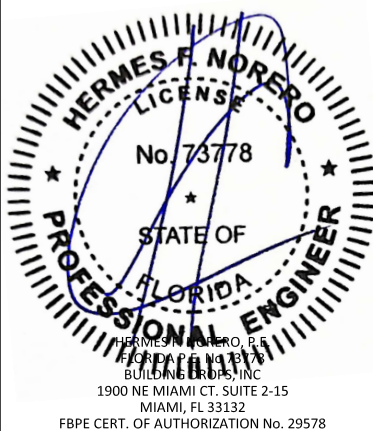
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
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DWG. BY:
DI

CHK. BY:
HFN

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DWG. #: GSDA330

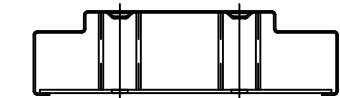
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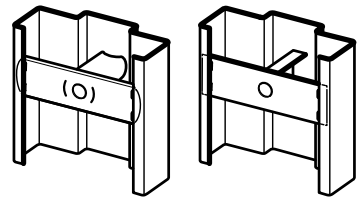
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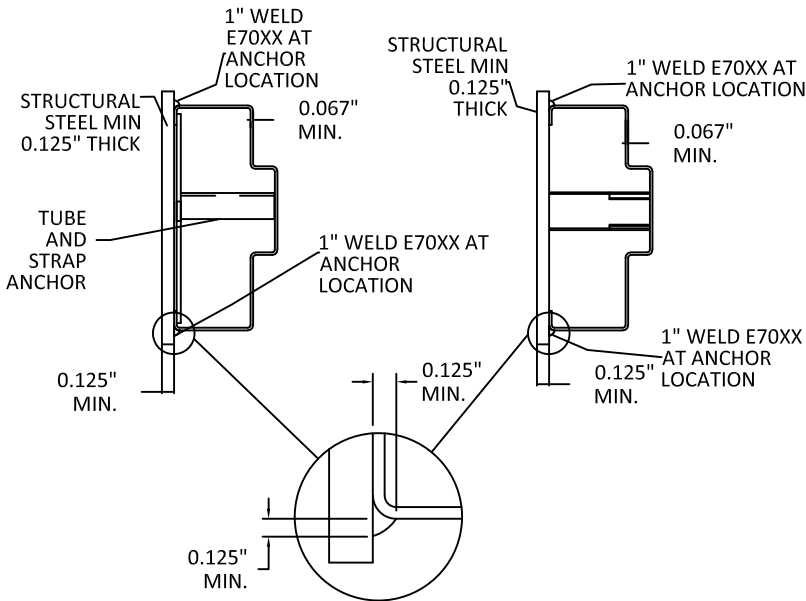
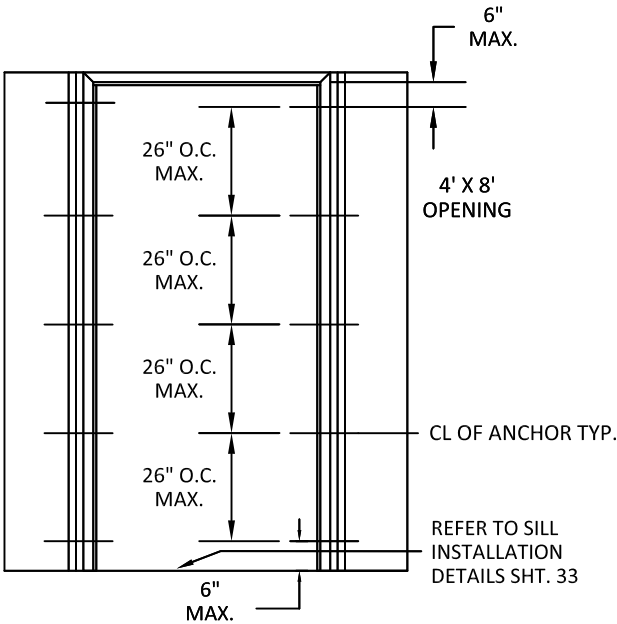
WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE



9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



TUBE/CHANNEL &
PLATE BOLT-IN



NOTES:

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CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

REPUBLIC DOORS: ANCHORS - FRAMES
WELDED TO STEEL STRUCTURE BUILDING

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
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DI

CHK. BY:
HFN

SCALE: NTS

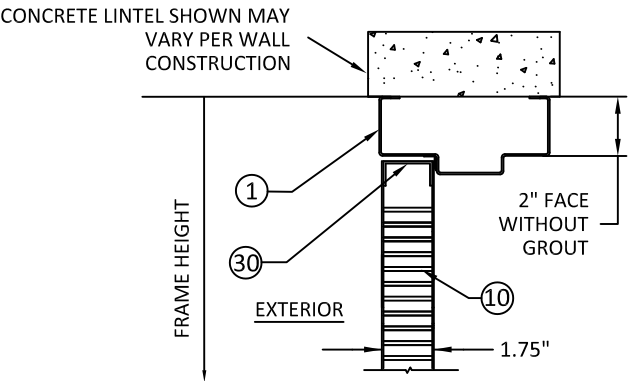
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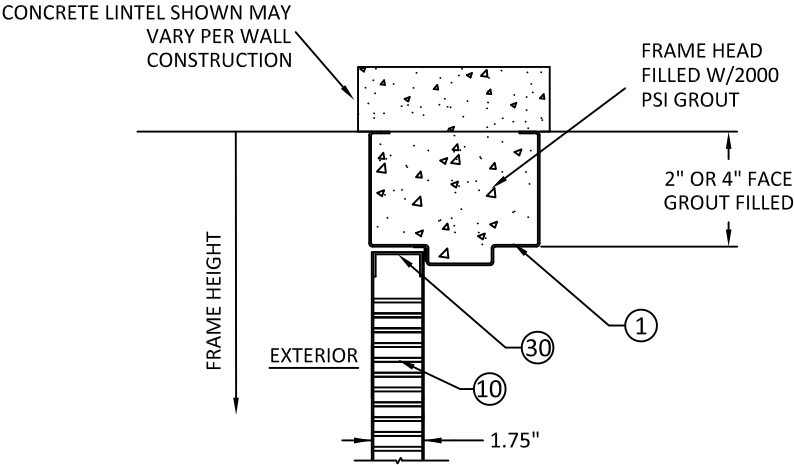
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OF 33

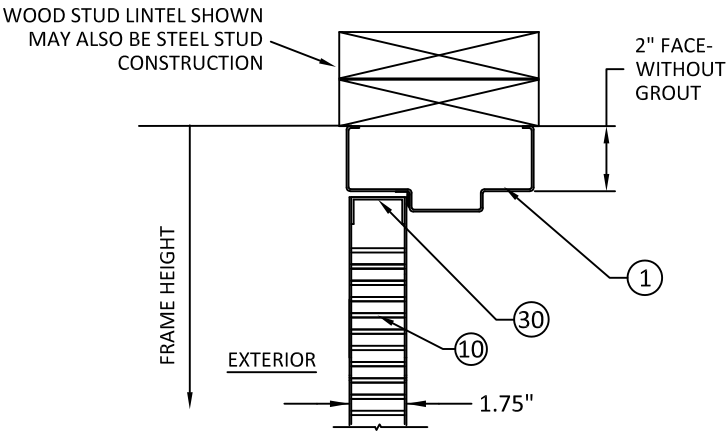
SEE PAGE 21 FOR
OPTION 1 ANCHOR DETAILS



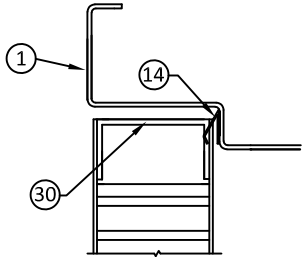
HD1 - FRAME HEAD SECTION



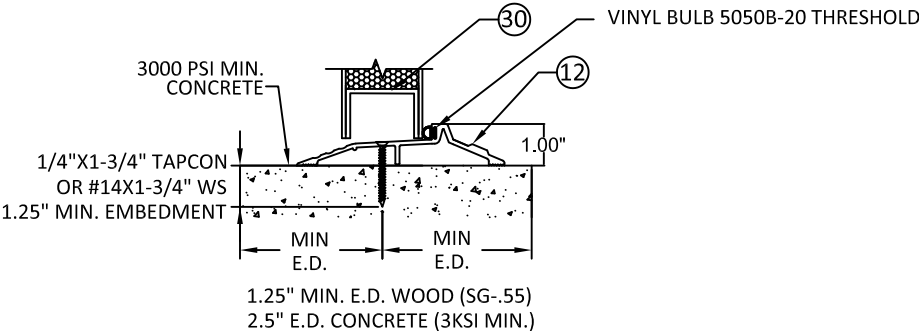
HD2 - FRAME HEAD SECTION



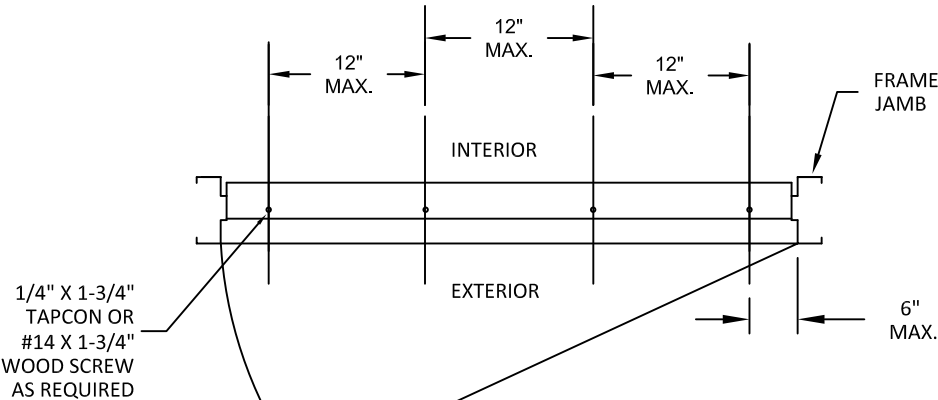
HD3 - FRAME HEAD SECTION



TOP OF DOOR



SILL DETAIL 'TH' (SIDEVIEW)
WOOD OR CONCRETE SILL
E.D. - EDGE DISTANCE



DETAIL 'TH'
SILL INSTALLATION

NOTES:
1. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
2. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK.
3. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS. IF INSTALLATION DEVIATES FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR REVIEW AND APPROVAL BY THE LOCAL AHJ.



ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL SINGLE DOORS
(NON-HVHZ)(NON-IMPACT)

REPUBLIC DOORS: FRAME HEAD &
SILL ANCHOR DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL10356

DATE: 05.12.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GSDA330

SHEET:

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