

ALLEGION - SCHLAGE LOCK COMPANY, LLC.

GLAZED OUTSWING/INSWING COMMERICAL STEEL DOUBLE 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 15 - 20 & 29 - 34 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 3-5, 11, 26, AND 28 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 21 & 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 NOT NEEDED (OUTSWING)	WHERE WATER AND AIR INFILTRATION REQUIREMENTS ARE NOT 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	

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. 11). REPUBLIC DOOR FRAME OPTIONS AVAILABLE AS ME-SERIES AND SE-SERIES (SEE TABLE 12, SHT. 28).
3.

FOR STEELCRAFT DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3, SHT. 10. FOR REPUBLIC DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 11, SHT. 28.
4.

FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 11 & 28 FOR DETAIL.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND DESIGN PRESSURE TABLE
2	TABLE 1: DOOR CONFIG. & LOCKING HARDWARE
3	DOOR CONFIGURATIONS 1-4
4	DOOR CONFIGURATIONS 5-6
5	STEELCRAFT: OPENING DIMENSIONS & BOM
6	DOOR & FRAME VERTICAL OUTSWING SECTION VIEWS
7	DOOR & FRAME VERTICAL INSWING SECTION VIEWS
8	DOOR & FRAME HORIZONTAL OUTSWING SECTION VIEWS
9	DOOR & FRAME HORIZONTAL INSWING SECTION VIEWS
10	DOOR PANEL & CORE DETAILS
11	STEELCRAFT: FRAME DETAILS & CORNER CONSTRUCTION
12	DOOR CONFIGURATION
13	GLAZING OPTIONS
14	GLASS TRIM OPTIONS
15	STEELCRAFT: ANCHORS - WIRE OR T MASONRY ANCHOR & WOOD STUD
16	STEELCRAFT: ANCHORS - STEEL STUD & EMA INTO CONCRETE WALL OR CMU
17	STEELCRAFT: ANCHORS - EMA W/ LAG BOLT IN WOOD STUD WALL & POURED CONCRETE TILT UP WALL
18	STEELCRAFT: ANCHORS - FRAMES BOLTED TO BUILDING STRUCTURE
19	STEELCRAFT: - ANCHORS - FRAMES WELDED TO STEEL STRUCTURE BUILDING
20	STEELCRAFT: FRAME HEAD & SILL ANCHOR DETAILS
21	GASKETING DETAILS FOR NO WATER INFILTRATION
22	GASKETING DETAILS FOR NO WATER INFILTRATION
23	GASKETING DETAILS FOR WATER INFILTRATION
24	HINGES, CHANNELS, & STRIKE REINFORECMENTS
25	MULLION DETAILS
26	REPUBLIC DOORS: OPENING DIMENSIONS & BOM
27	REPUBLIC DOORS: SILL & REINFORCEMENT DETAILS
28	REPUBLIC DOORS: FRAME DETAILS & CORNER CONSTRUCTION
29	REPUBLIC DOORS: ANCHORS - WIRE OR T MASONRY ANCHOR & WOOD STUD
30	REPUBLIC DOORS: ANCHORS - STEEL STUD & EMA INTO CONCRETE WALL OR CMU
31	REPUBLIC DOORS: ANCHORS - EMA W/ LAG BOLT IN WOOD STUD WALL & POURED CONCRETE TILT UP WALL
32	REPUBLIC DOORS: ANCHORS - FRAMES BOLTED TO BUILDING STRUCTURE
33	REPUBLIC DOORS: - ANCHORS - FRAMES WELDED TO STEEL STRUCTURE BUILDING
34	REPUBLIC DOORS: FRAME HEAD AND SILL DETAILS



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

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

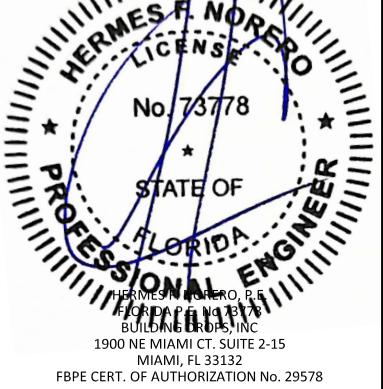
GENERAL NOTES &
DESIGN PRESSURE TABLE

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.		

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.12.10 10:56:49 -0500



FL10356

DATE: 04.26.23

DWG. BY: DI CHK. BY: HFN

SCALE: NTS

DWG. #: GDDA330

SHEET: 1 OF 34

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	BRAND	STRIKE MODELS	ADDITIONAL HARDWARE INFORMATION	
1	+50 / -40	+40 / -50	96	96	34.25	74.5	MORTISE LOCK	L/LV9000, AD-MS, CO-MS, PM	SCHLAGE	STANDARD	INACTIVE LEAF IVES FLUSH BOLTS - FB31P OR FB51P IVES SURFACE BOLTS - SB360, SB453 & SB1630	FUNCTION W/O DEADBOLT 3/4" MIN. THROW LATCH
								LE-MS, LEB-MS, LE-MB, LEB-MB				
								XE360-M-B & XE360-M-I				
								MA	SCHLAGE	STANDARD	INACTIVE LEAF IVES FLUSH BOLTS - FB31P OR FB51P IVES SURFACE BOLTS - SB360, SB453 & SB1630	FUNCTION WITH DEADBOLT 3/4" MIN. THROW LATCH & 1" MIN. THROW BOLT
								L/LV9400, AD-MD, CO-MD, PM400				
								LE-MD, LEB-MD				
2	+50 / -40	+40 / -50	96	96	34.25	74.5	CYLINDRICAL LOCK	XE360-M-D	SCHLAGE	STANDARD	INACTIVE LEAF IVES FLUSH BOLTS - FB31P OR FB51P IVES SURFACE BOLTS - SB360, SB453 & SB1630	FUNCTION WITH DEADBOLT 3/4" MIN. THROW LATCH & 1" MIN. THROW BOLT
								MA				
								D, ND, NDE, NDEB, AD-CY, CO-CY				
								ALX, PC	FALCON	STANDARD	INACTIVE LEAF IVES FLUSH BOLTS - FB31P OR FB51P IVES SURFACE BOLTS - SB360, SB453 & SB1630	1/2" MIN. THROW LATCH 1/2" MIN. THROW LATCH (13-247, 14-028) 1/2" MIN. THROW LATCH 1/2" MIN. THROW LATCH (23981145)
								B/X				
								T, TM				
3	+50 / -40	+40 / -50	96	96	34.25	74.5	RIM EXIT DEVICE	22, 22-F	VON DUPRIN		STRIKE X MULLION APPLICATION: STEEL MULLION: 299/299-F x 4954, 299/299-F, 499-F x 9954, 1606 x 1654 ALUMINUM MULLION: 299/299-F x 5654, 1408 x 5754	(KR) OPTION AVAILABLE FOR STEEL MULLIONS
								98, 99, 98-F, 99-F				
								HW78, HW78-F				
								33A, 35A, 33A-F, 35A-F				
								HW75, HW75-F				
								88, 88-F				
								55	FALCON		STRIKE X MULLION APPLICATION: STEEL MULLION: 299/299-F x 4954, 299/299-F, 268/468 x 9954, 1606 x 1654	(KR) OPTION AVAILABLE FOR STEEL MULLIONS
								XP98, XP99, XP98-F, XP99-F				
								19-R, F-19-R				
								24-R, F-24-R				
4	+50 / -40	+40 / -50	96	96	34.25	74.5	THREE-POINT LATCHING DEVICE	9857, 9957, 9857-F, 9957-F	VON DUPRIN		TOP STRIKE: 299/299-F CENTRAL STRIKE X MULLION APPLICATION: STEEL MULLION: 299/299-F x 4954, 299/299-F, 499-F x 9954, 1606 x 1654 ALUMINUM MULLION: 299/299-F x 5654, 1408 x 5754 BOTTOM: 304L	(KR) OPTION AVAILABLE FOR STEEL MULLIONS
5	+50 / -40	+40 / -50	96	96	34.25	74.5	SURFACE VERTICAL ROD EXIT DEVICE	2227, 2227-F	VON DUPRIN		TOP: 299/299-F BOTTOM: 304L	
								3327A, 3527A, 3327A-F, 3527A-F				
								HW7527, HW7527-F				
								8827				
								9827, 9927, 9827-F, 9927-F				
								HW7827, HW7827-F	FALCON		TOP: 3788 BOTTOM: 2130	
								24-V, F-24-V				
								25-V, F-25-V				
6	+50 / -40	+40 / -50	96	96	34.25	74.5	CONCEALED VERTICAL ROD EXIT DEVICE	19-V, F-19-V	VON DUPRIN		TOP: 338 BOTTOM: 304L	HH98/9947 DEVICE HAS A 2-3/4" BACKSET
								3347A, 3547A, 3347A-F, 3547A-F, HH3347A, HH3547A				
								HW7547, HW7547-F				
								9847, 9947, 9847-F, 9947-F, HH9847, HH9947				
								HW7847, HW7847-F				
								9447, 9547, 9447-F, 9547-F				
								5547	FALCON		TOP: 471U BOTTOM: 304L	
								24-C, F-24-C				
								25-C, F-25-C			TOP: 4188 BOTTOM: 2130	

NOTES:
1. FOR DOOR CONFIGURATIONS 1 & 2 INACTIVE LEAF REQUIRES A Z-ASTRAGAL AND SURFACE BOLT OR FLUSH BOLT TOP AND BOTTOM. SURFACE BOLTS INSTALLED WITH SEX BOLTS:
SB360 - #12-24 OHMS
SB453 - #10-24 FHMS
SB1630 - 1/4"-20 FHMS
2. * DLO - DAYLIGHT OPENING, SAME AS EXPOSED GLASS OR FINISHED OPENING. SEE SHEETS 10, 11 & 12 FOR GLAZING TYPES, DETAILS AND LIMITATIONS.
3. 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



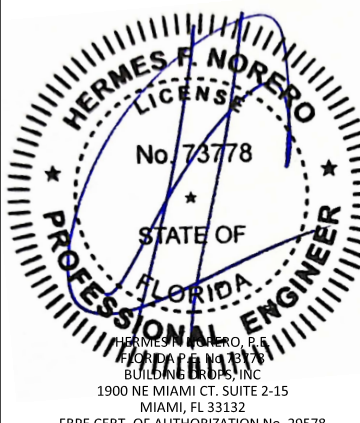
ALLEGION - SCHLAGE LOCK COMPANY, LLC.
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

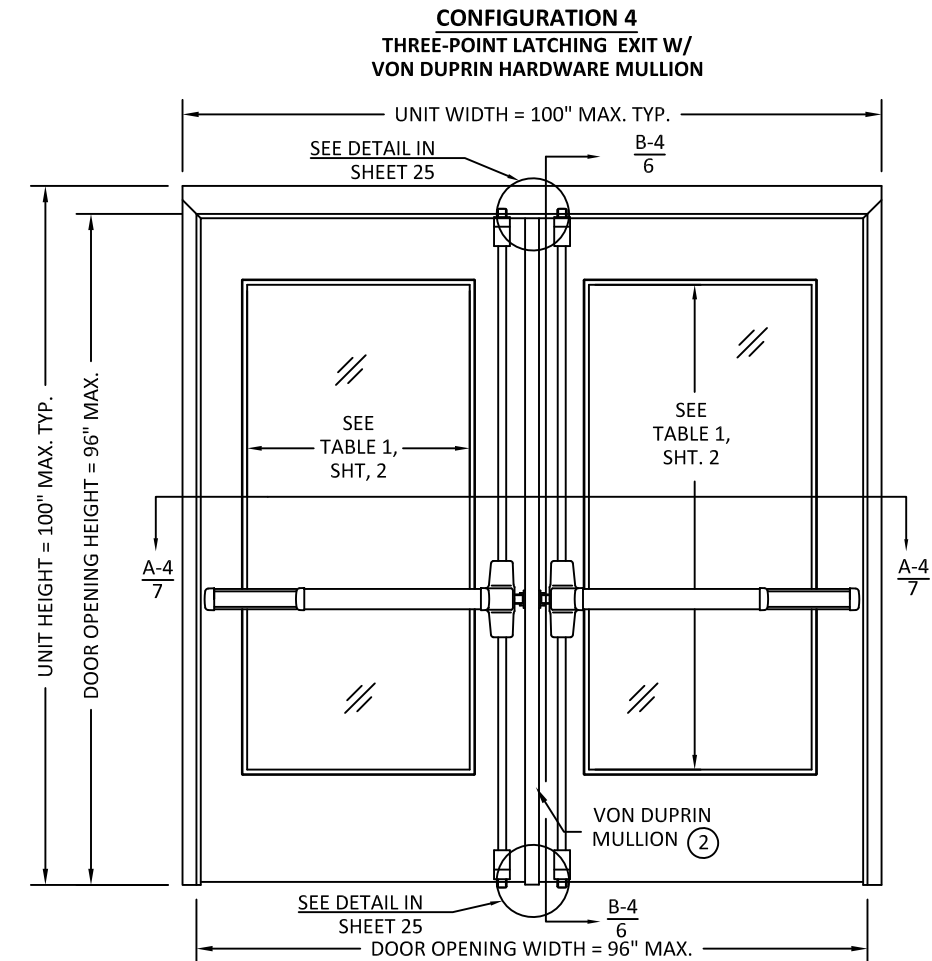
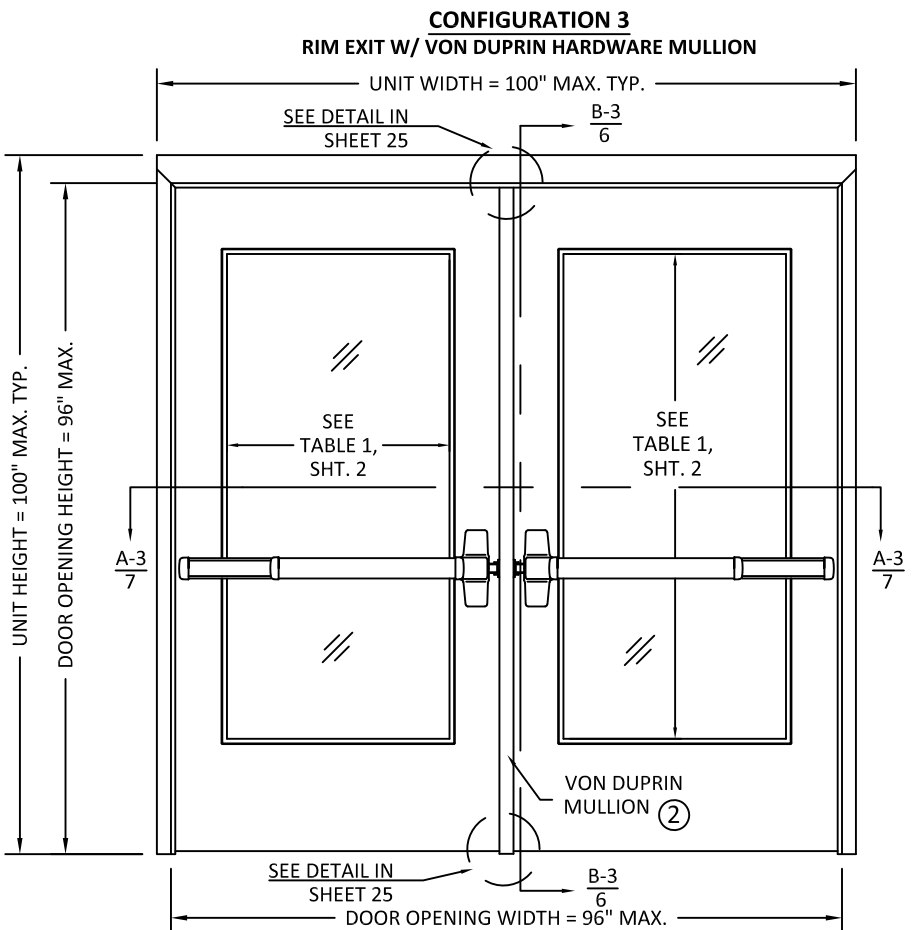
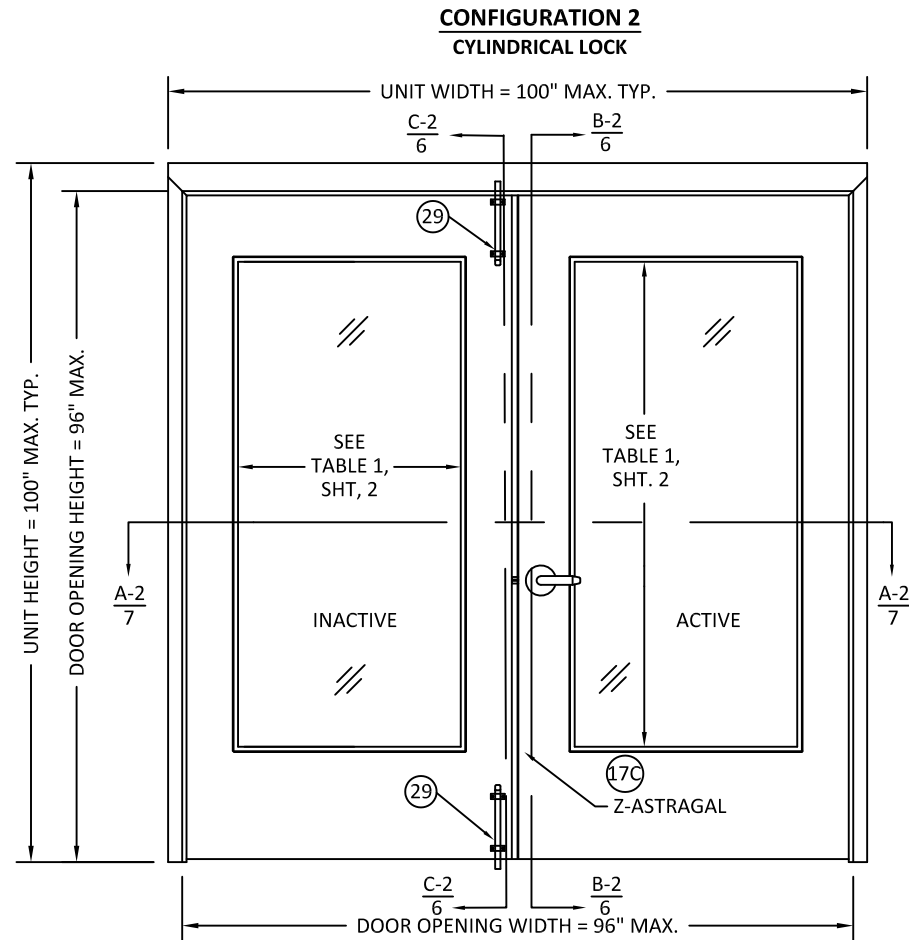
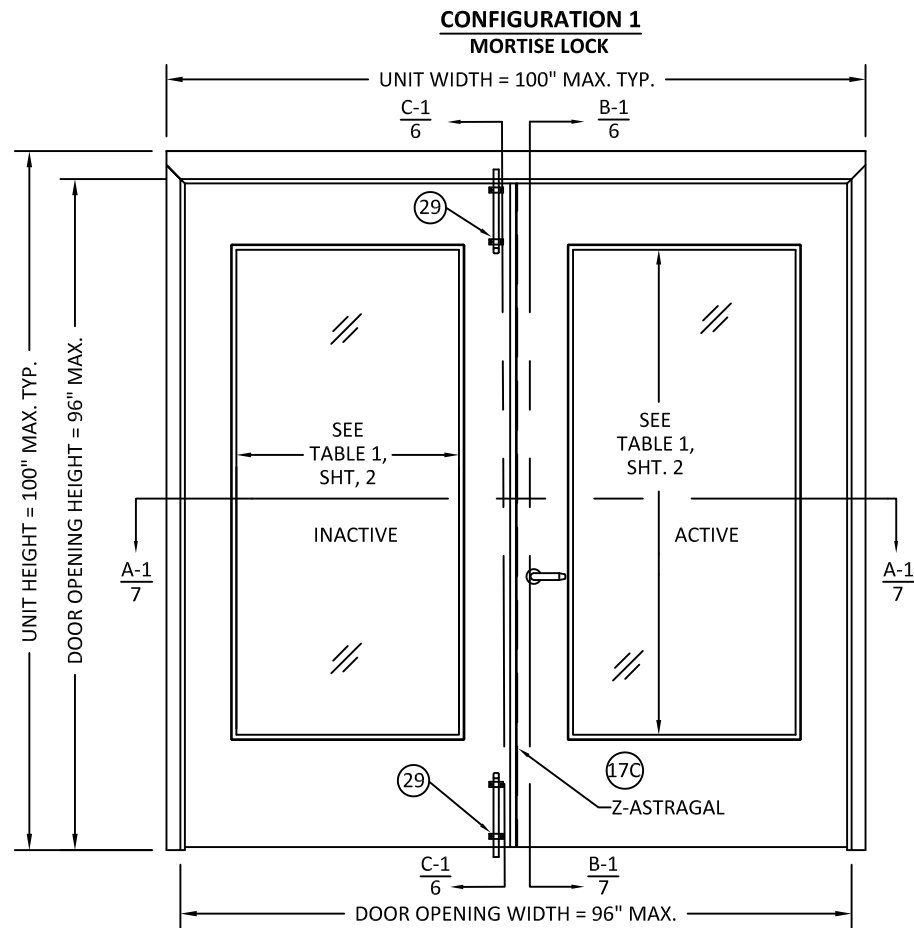
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
TABLE 1: DOOR CONFIG. &
LOCKING HARDWARE

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



BUILDING DROPS

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.		
 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: 04.26.23		
DWG. BY: DI	CHK. BY: HFN	
SCALE: NTS		
DWG. #: GDDA330		
SHEET: 2 OF 34		



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

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

DOOR CONFIGURATIONS 1-4

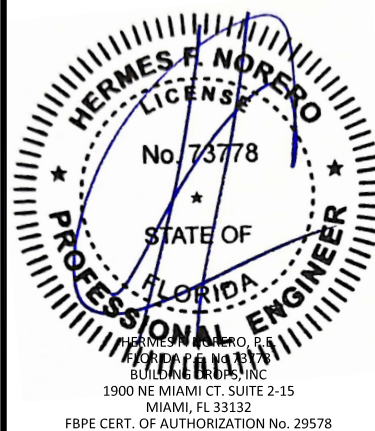
PREPARED BY: BUILDING DROPS, INC.

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: 04.26.23

DWG. BY: DI
CHK. BY: HFN

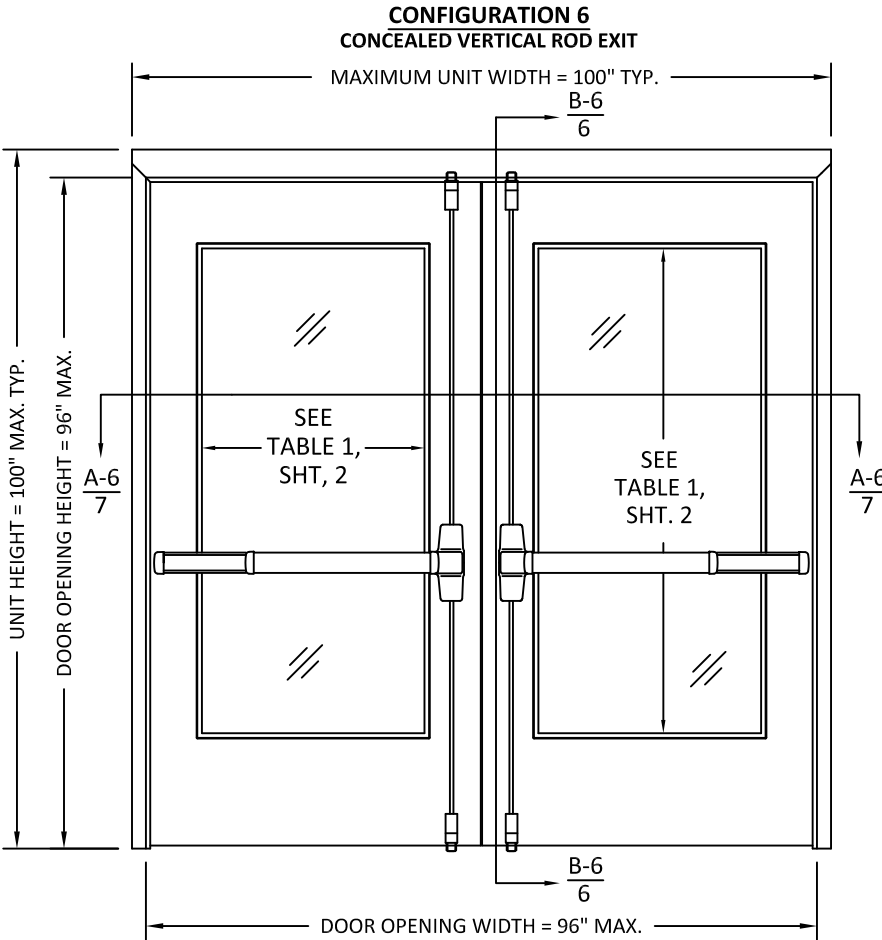
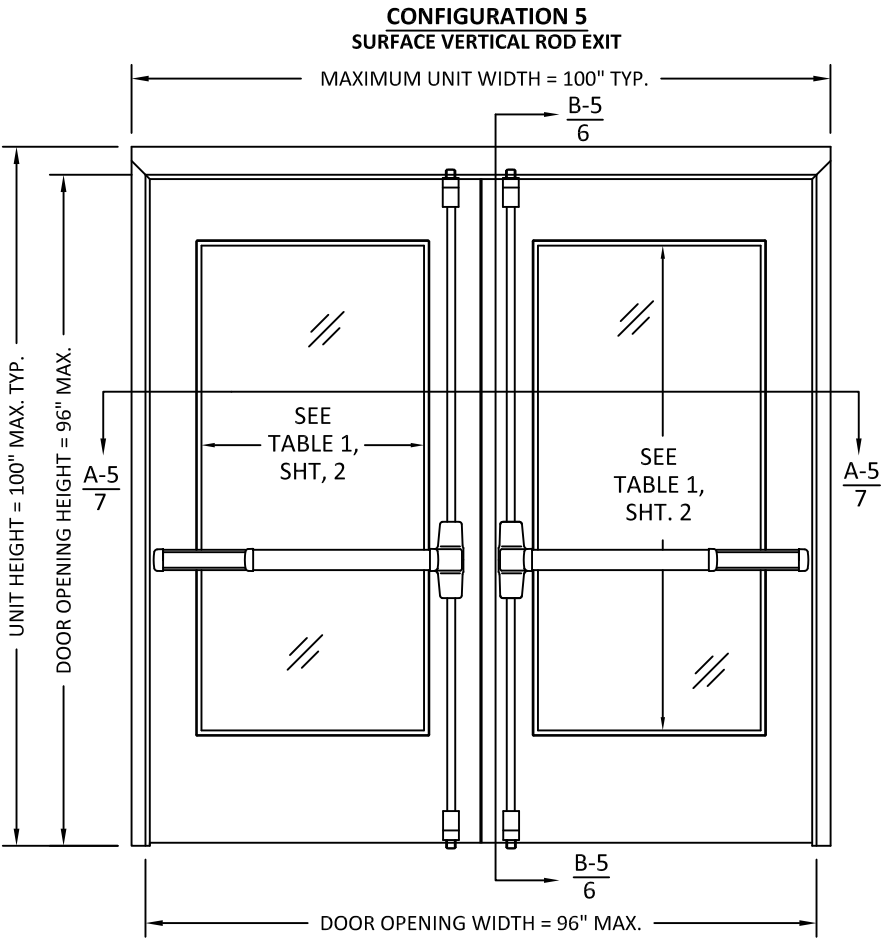
SCALE: NTS

DWG. #: GDDA330

SHEET:

3

OF 34



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

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

DOOR CONFIGURATIONS 5-6

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

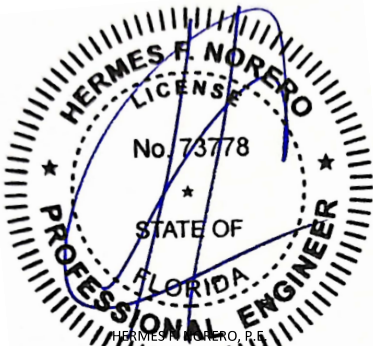
FAX: (954)744-4738

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.



HERMES F. NORERO, P.E.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL10356

DATE: **04.26.23**

DWG. BY:
DI

CHK. BY:
HFN

SCALE: **NTS**

DWG. #: **GDDA330**

SHEET:

4

OF 34

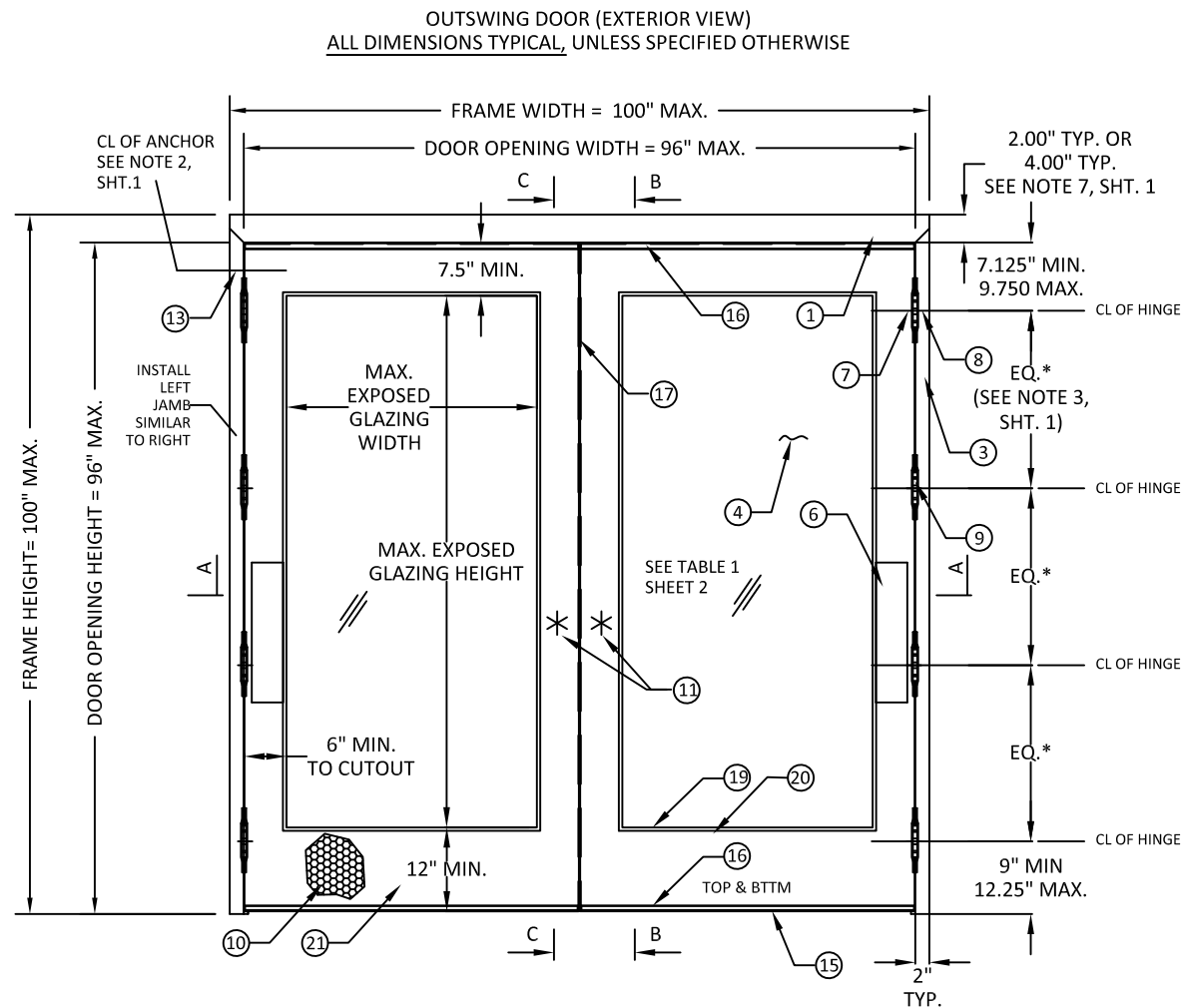


TABLE 2: (FOR OPTION 2 SEE TABLE 10 SHT. 26)

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE	
1	1	HEAD, SEE SHT. 11	.053" MIN. STL	MAX. 100"	
2	1	HARDWARE MULLION USED W/ RIM EXIT OR THREE POINT EXIT DEVICE	STL OR SLUM	MAX. 96" HEIGHT	
3	2	HINGE JAMB, SEE SHT. 11	.053" MIN. STL	MAX. 100" HEIGHT	
4	VARIES	LEXAN BY SABIC INNOVATIVE PLASTICS	.25" OR .50"	VARIES - SEE SHEET 2	
		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	2	CORE MATERIAL:			
		D) HONEYCOMB	C) STEEL STIFFENED	SEE SHT. 10	
		A&F) POLYSTYRENE B&F) POLYURETHANE/POLYISOCYANURATE			
		E) MINERAL BOARD TEMPERATURE RISE CORE			
11	2	LOCKING HARDWARE - LOCKSET	SEE SHTS. 2		
12	1	THRESHOLD SILL W/BUMPER GASKET (SHT. 21-23)		96" 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			0.100" ALUM. 6063 T5
13	NOTE 2, SHT. 1	JAMB ANCHOR	SEE SHTS. 15-19 & 29-33	-	
14	SEE SHTS. 21-23	14A) PS074 DOOR SEAL	TPE	VARIES	
		14B) 188S, 14C) 117S, 14D)8145S, 14E)8150S, 14F) 8042S	SILICONE		
15	2	FAS-SEAL DOOR SWEEP	TPE	MAX. 48"	
16	4	END CHANNEL (14 GAGE - INVERTED)	-	.69" X 1.66" X 48" MAX.	
17	1	17A) 328 SPLIT ASTRAGAL BY ZERO INT'L	SEE SHTS. 21-23	-	
		17B) 137 SPLIT ASTRAGAL BY NGP			
		17C) Z-ASTRAGAL		.067" MIN. STL.	96" MAX.
18	AS NEEDED	CAULK - BUTYL RUBBER OR SILICONE	SEE SHTS. 21-23	-	
19	AS NEEDED	GLAZING HOLDING TRIM SEE SHT. 14		VARIES - EXPOSED GLASS MAX SEE SHTS. 11 & 12 FOR DETAILS & LIMITATIONS	
		A) DESIGNER TRIM			0.032" MIN. STL.
		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	2	DOOR SLAB (18, 16 OR 14 GA)	SEE SHT. 10	3' X 7' OR 4' BY 8' MAX	
24	SEE SHEETS 21-23	24A) 139 DOOR SWEEP BY ZERO INT'L SEE SHTS. 21-23	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL	
		24B) 328 DOOR SWEEP BY ZERO INT'L SEE SHT. 21-23			
26	SEE SHEET 23	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHT. 23	MAX. 36" OR 48"	
		26B) 11 RAIN DRIP BY ZERO INT'L	SEE SHT. 23	-	
27	2	27A) TOP GALV. A60	.020" MIN. STL	MAX. 48"	
		27B) 18 GA DOOR FLUSH TOP CAP	.047" MIN. STL		
29	2	IVES 360 SURFACE BOLT - TOP & BOTTOM INACTIVE LEAF COFIG. 1 & 2	STEEL	12" MIN. - 24" MAX. LENGTH	
		IVES 453 12" SURFACE BOLT	-	-	
		IVES 1630 12" SURFACE BOLT	-	-	



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

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE 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

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

5



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

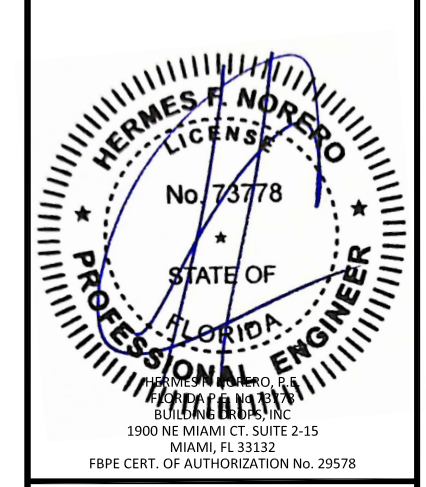
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
DOOR & FRAME OUTSWING
VERTICAL SECTION VIEWS

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.

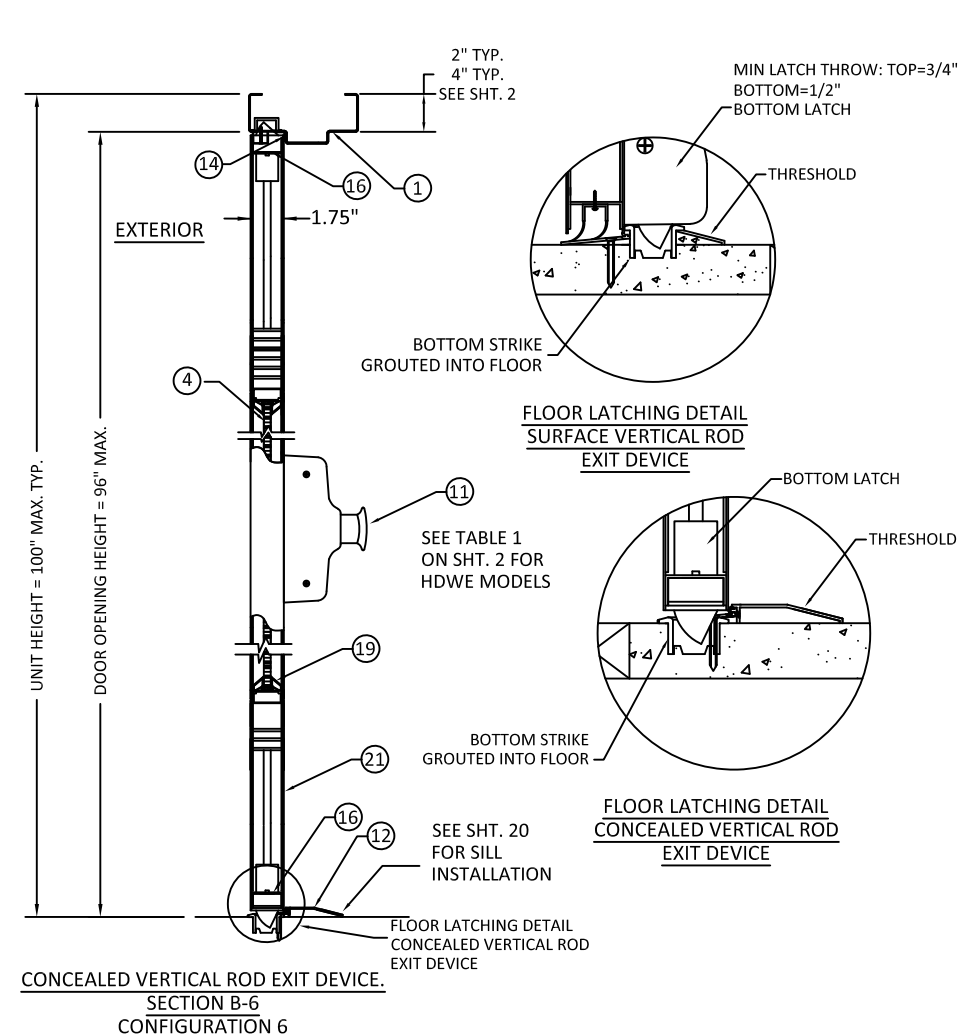
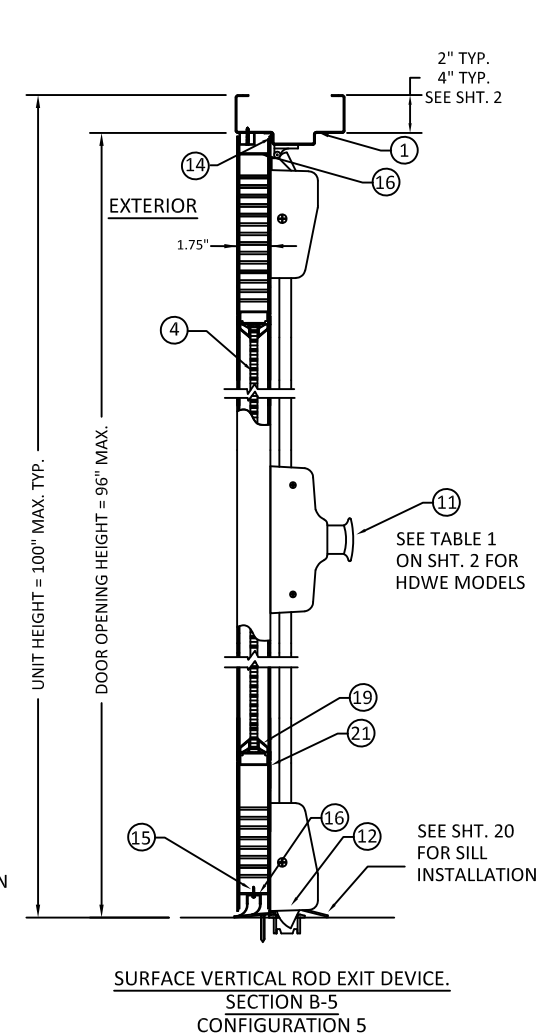
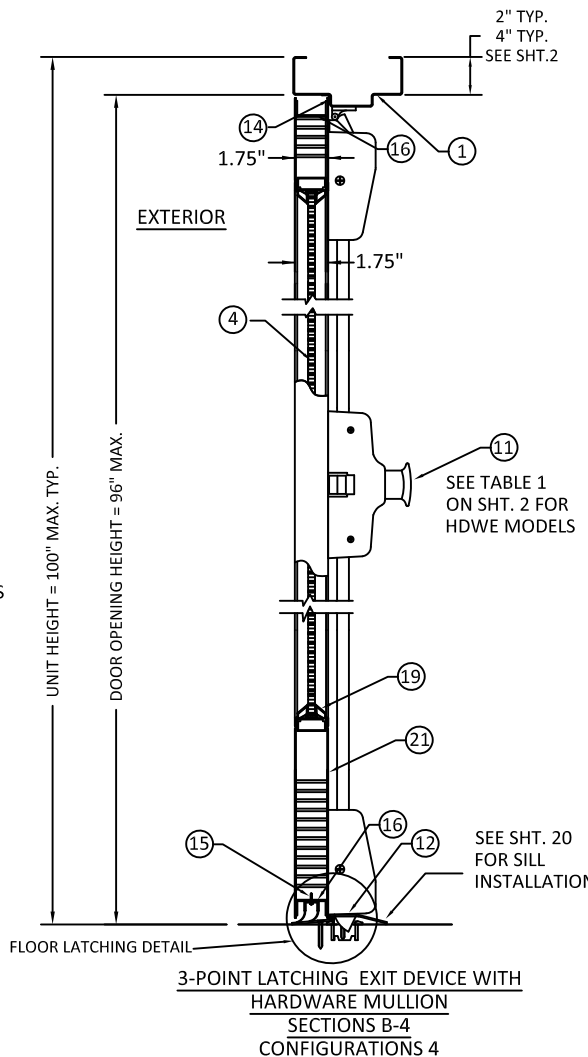
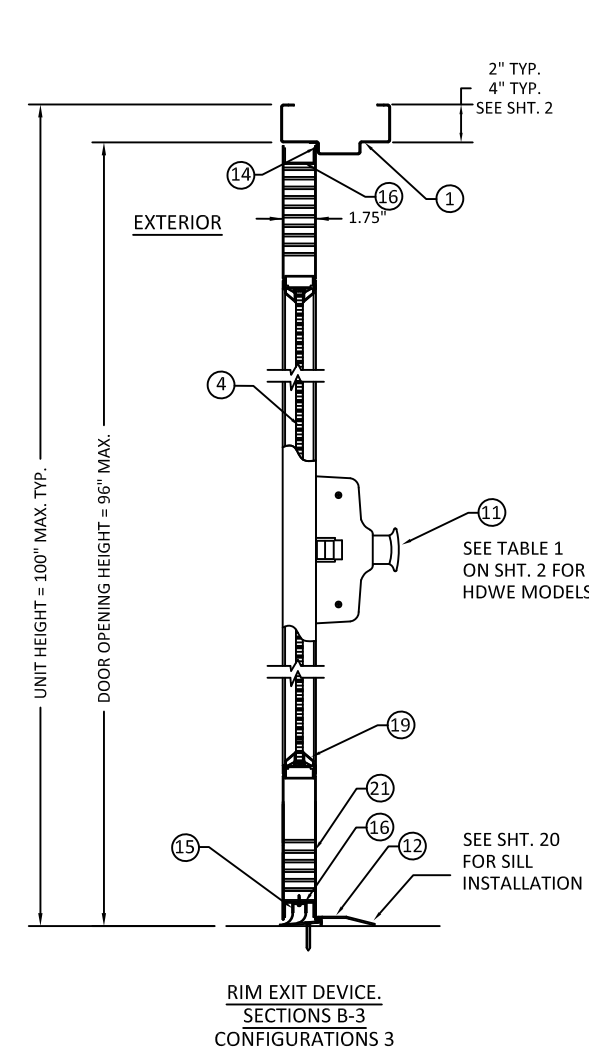
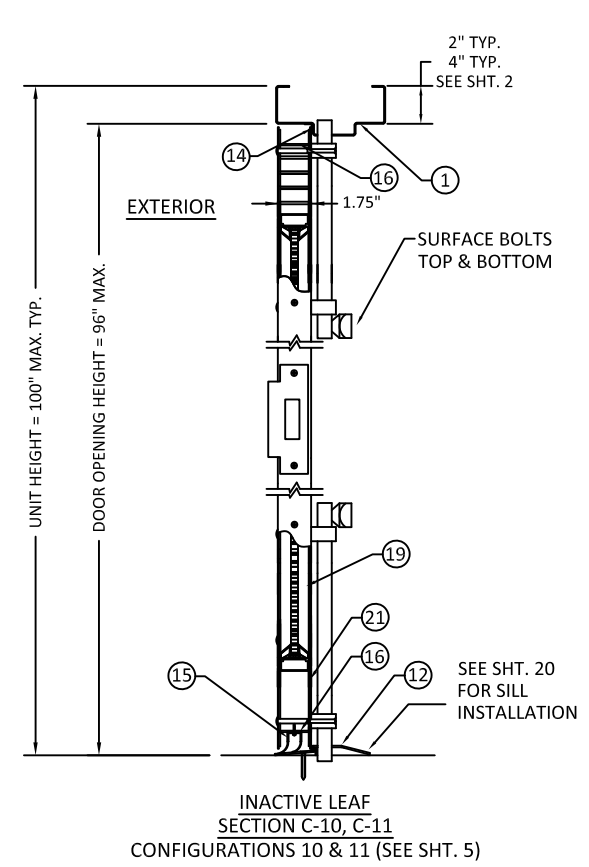
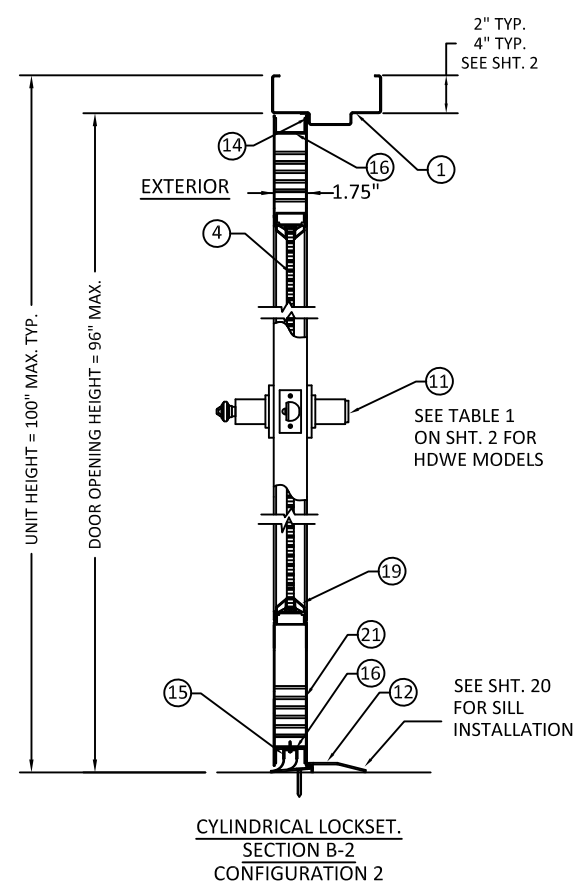
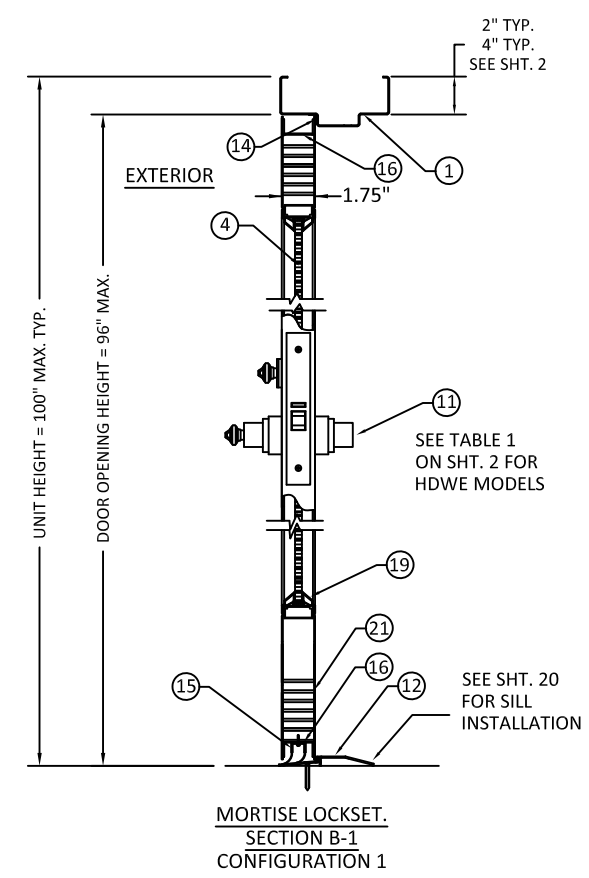


FL10356

DATE:	04.26.23
DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GDDA330
SHEET:	

6

OF 34





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

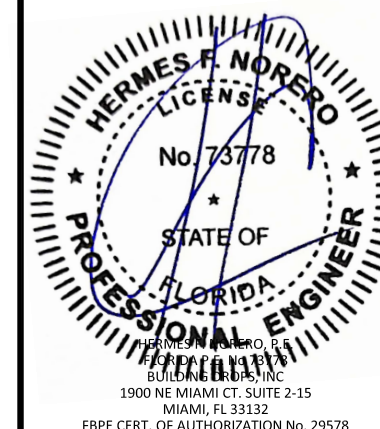
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
DOOR & FRAME INSWING
VERTICAL SECTION VIEWS

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: 04.26.23

DWG. BY: DI
CHK. BY: HFN

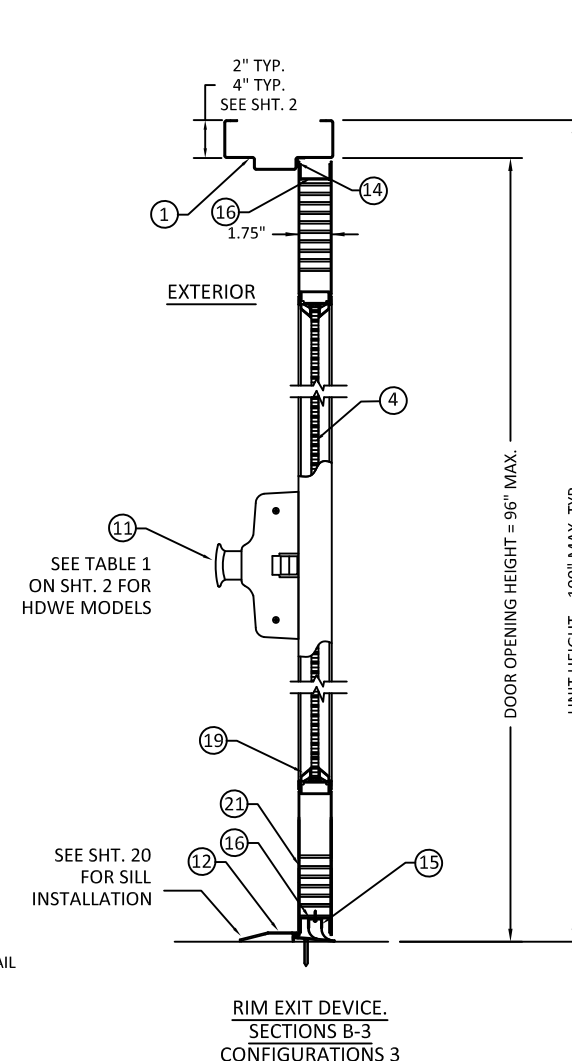
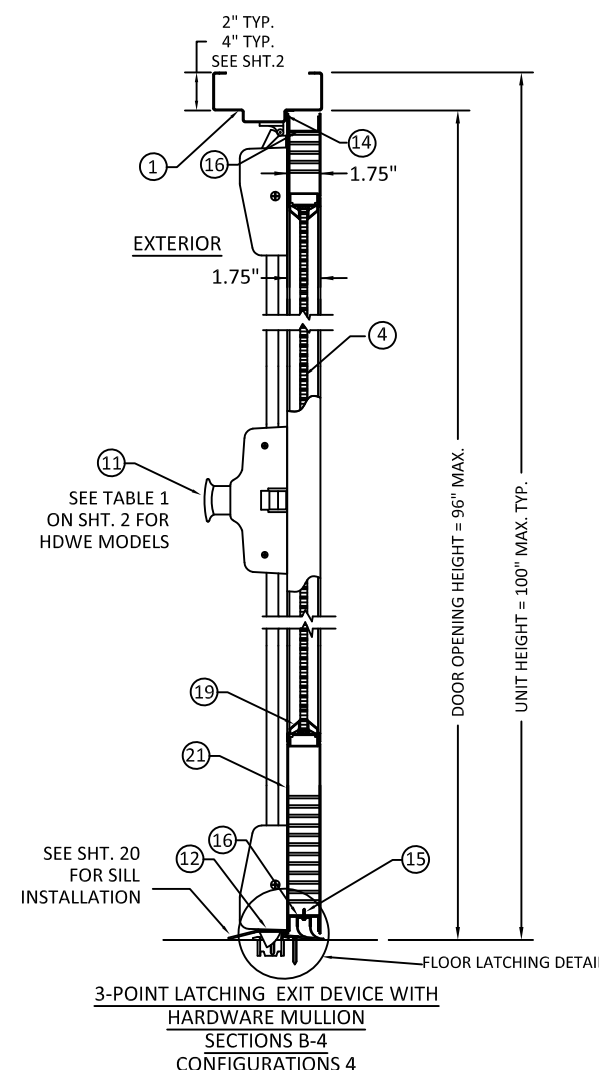
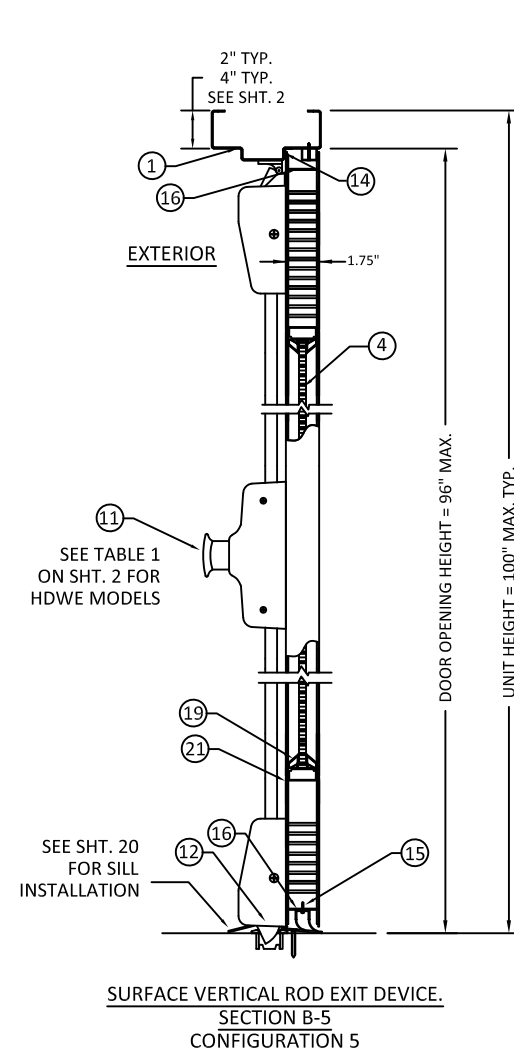
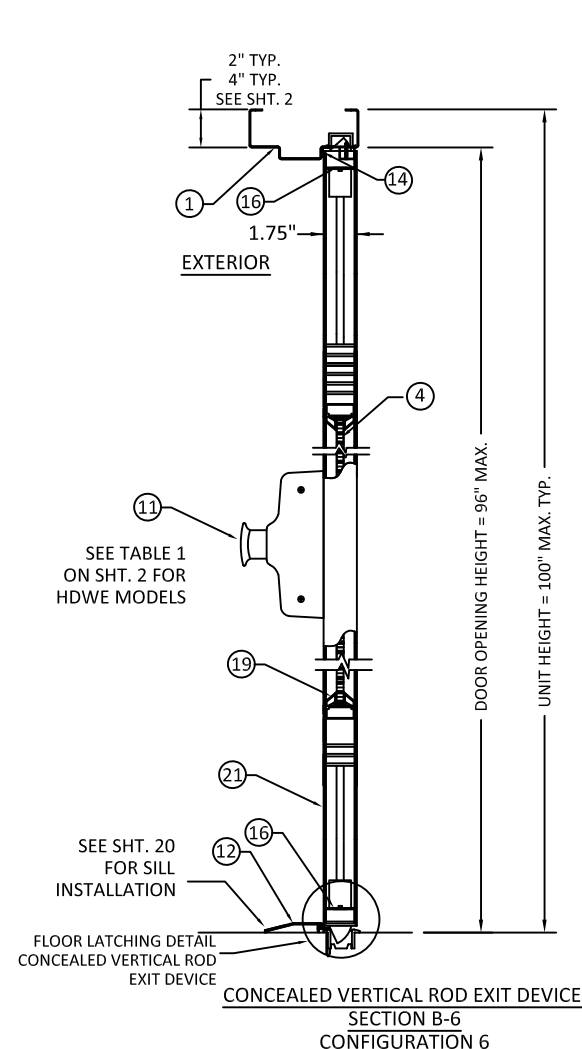
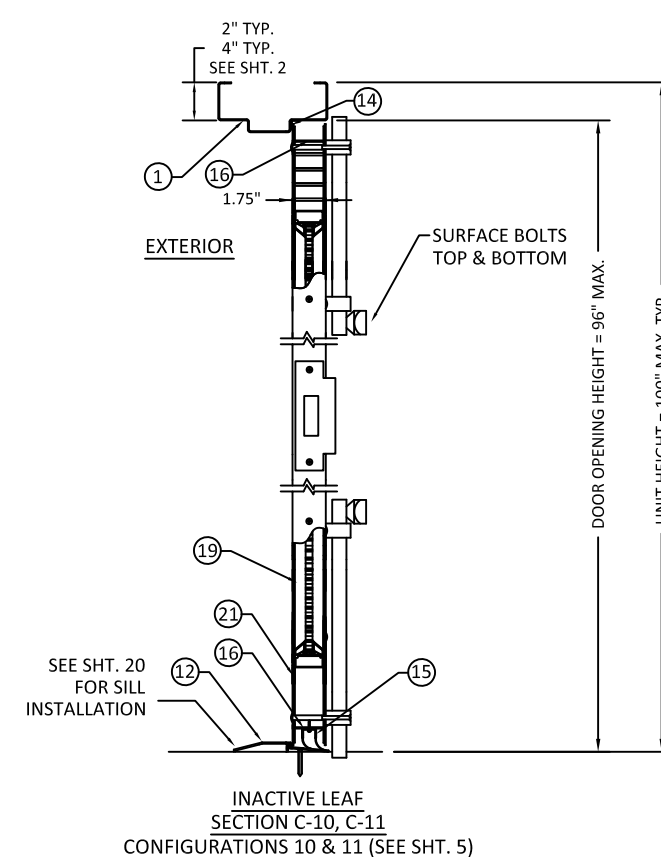
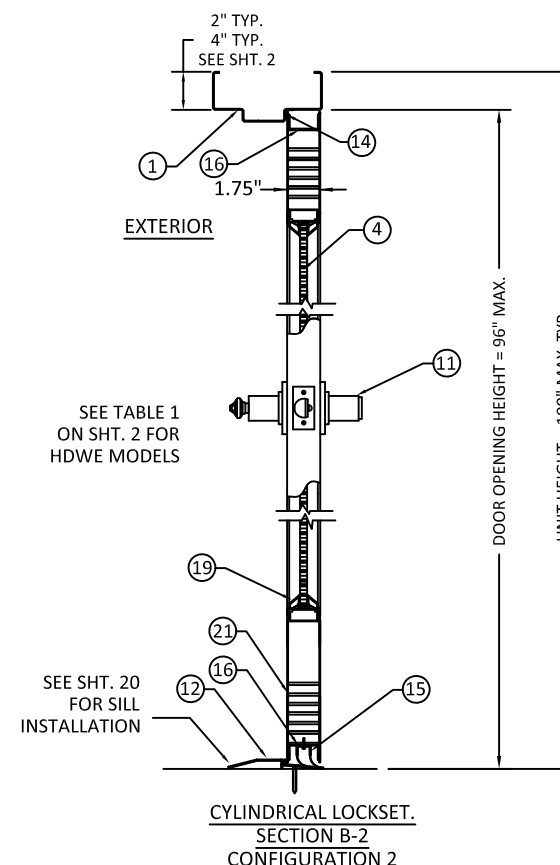
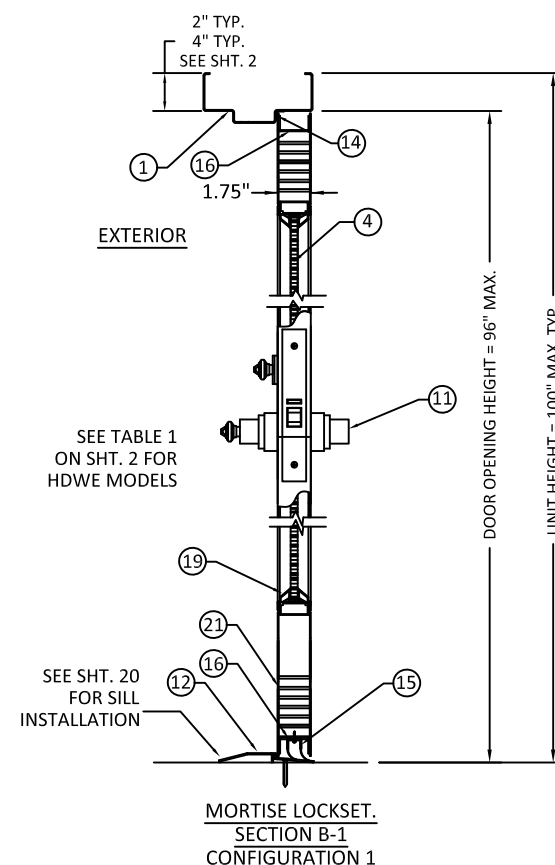
SCALE: NTS

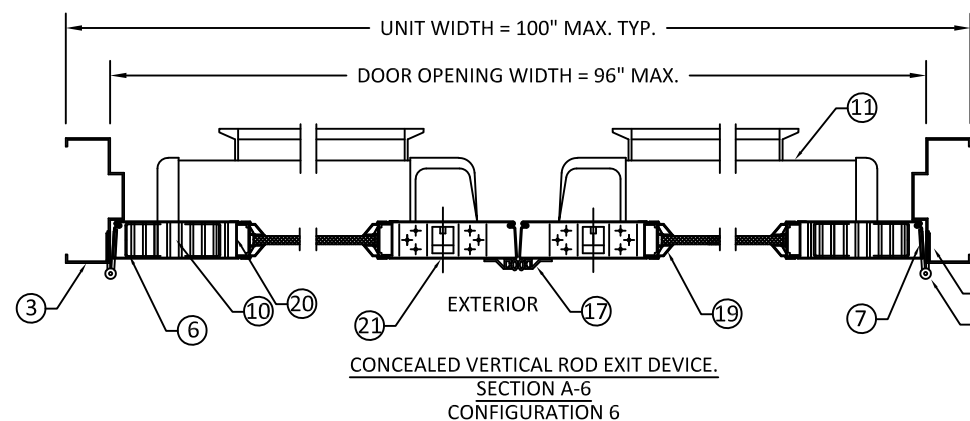
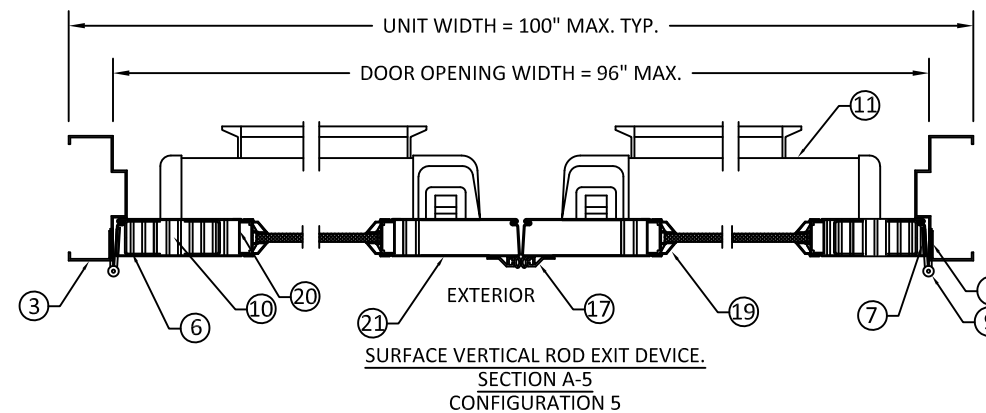
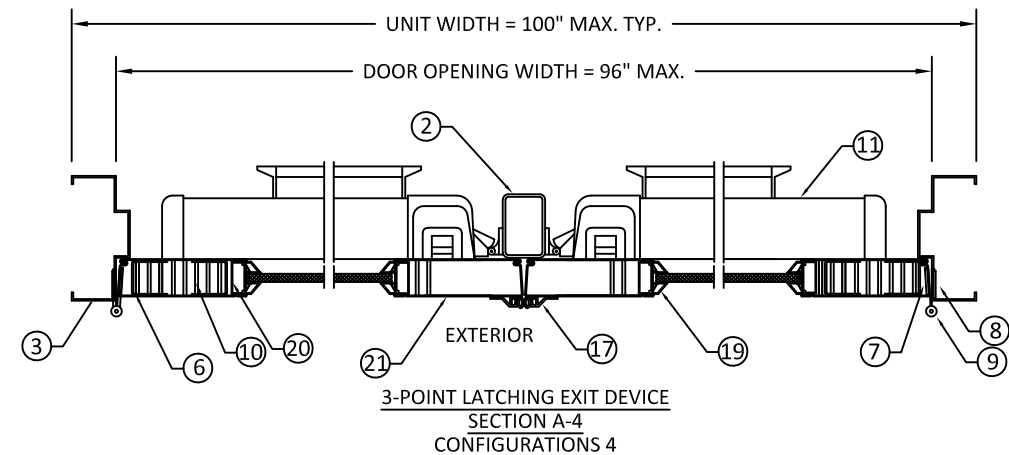
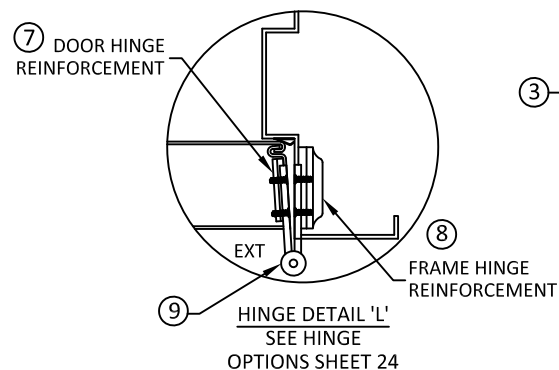
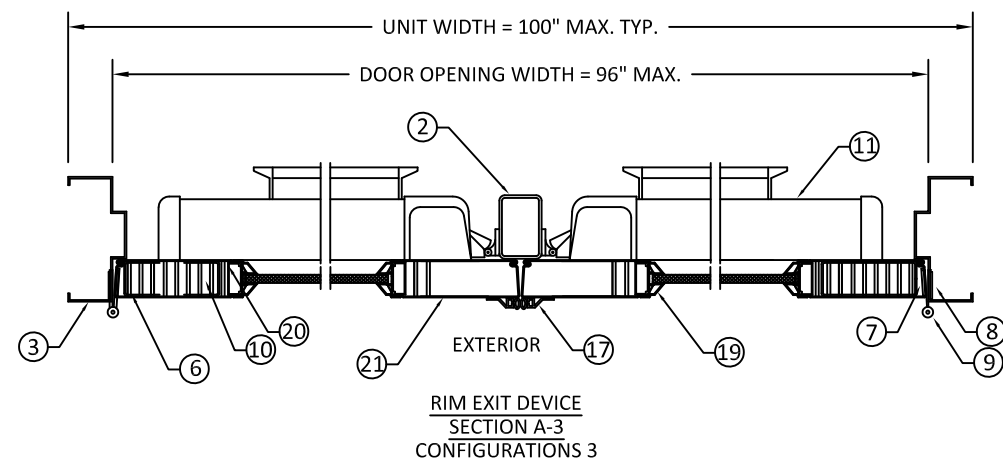
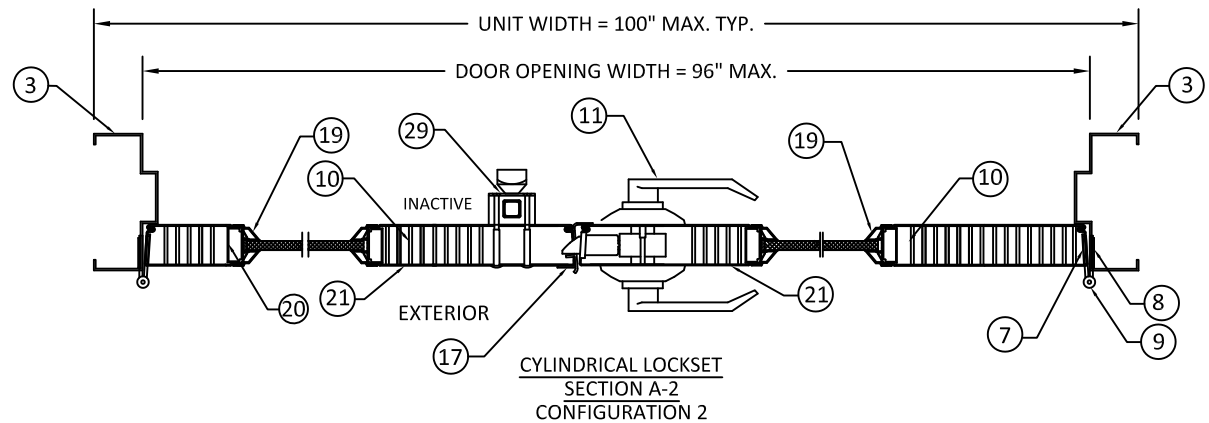
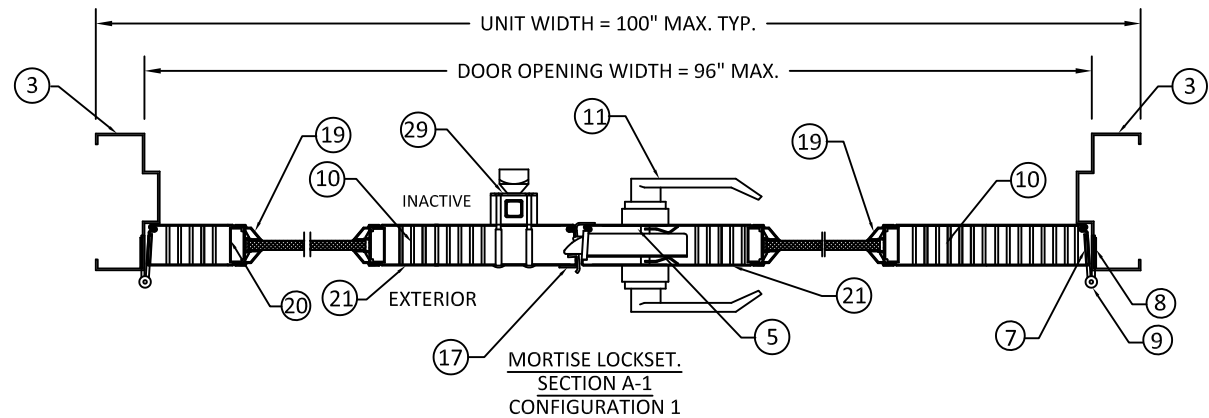
DWG. #: GDDA330

SHEET:

7

OF 34





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

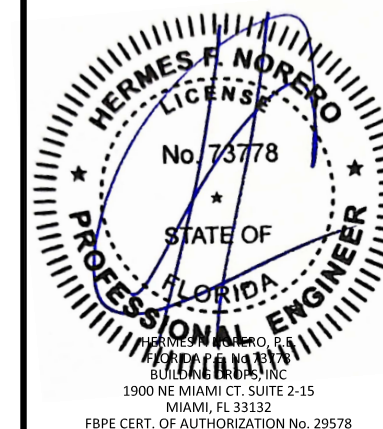
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
DOOR & FRAME OUTSWING
HORIZONTAL SECTION VIEWS

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

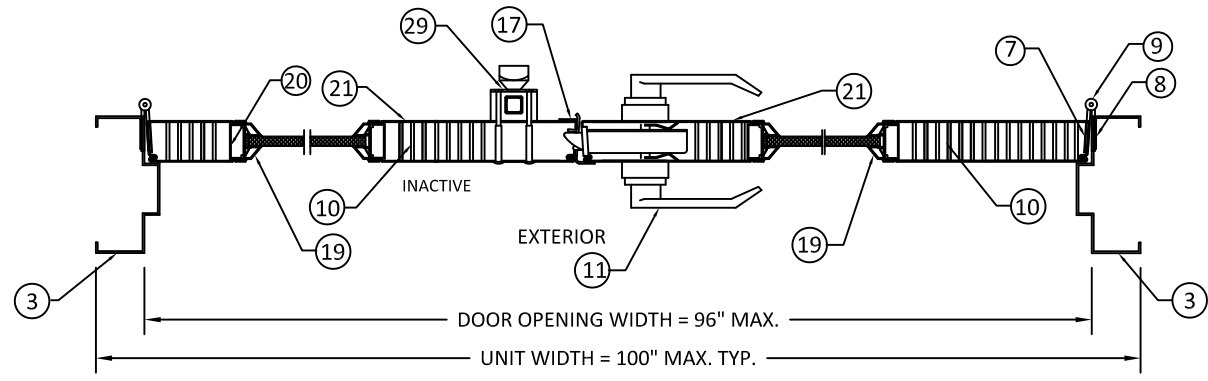
SCALE: NTS

DWG. #: GDDA330

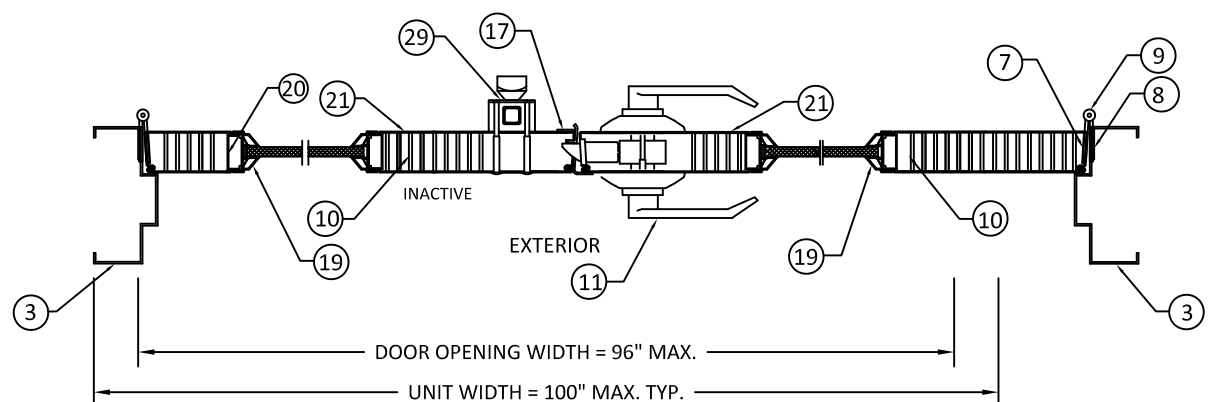
SHEET:

8

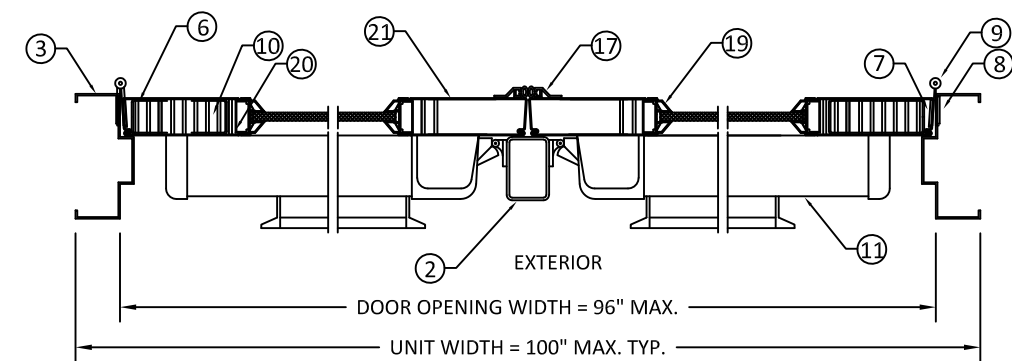
OF 34



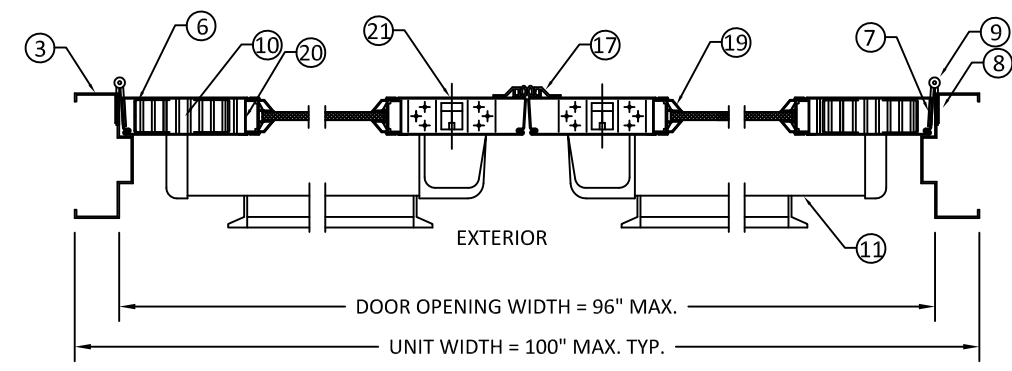
MORTISE LOCKSET.
SECTION A-1
CONFIGURATION 1



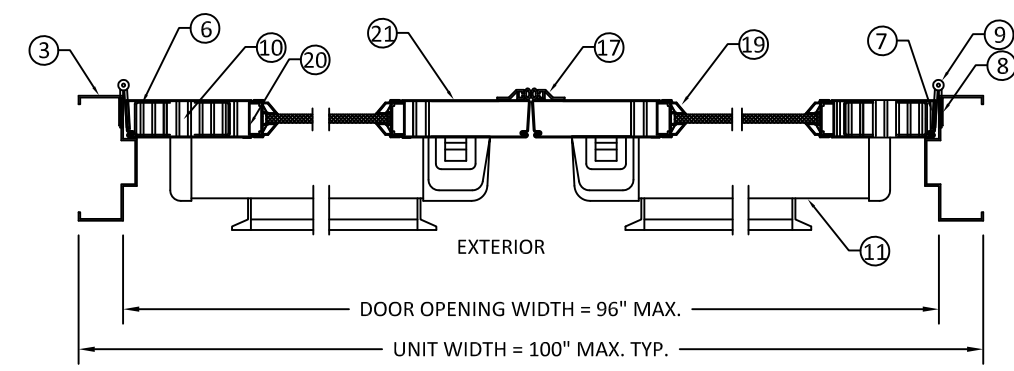
CYLINDRICAL LOCKSET
SECTION A-2
CONFIGURATION 2



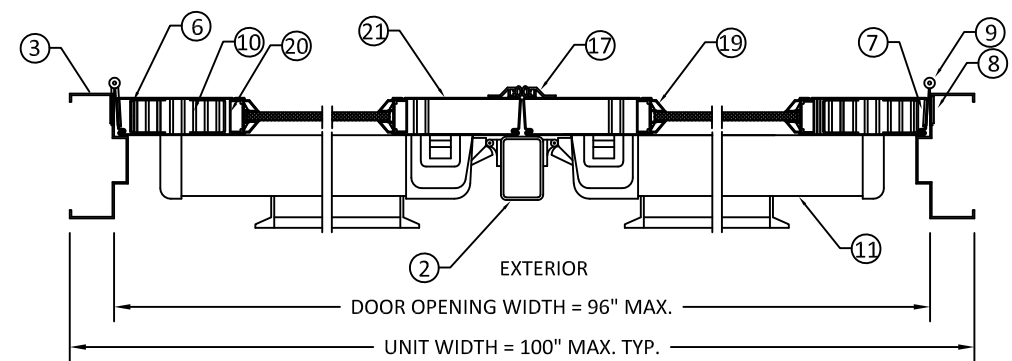
RIM EXIT DEVICE
SECTION A-3
CONFIGURATIONS 3



CONCEALED VERTICAL ROD EXIT DEVICE.
SECTION A-6
CONFIGURATION 6



SURFACE VERTICAL ROD EXIT DEVICE.
SECTION A-5
CONFIGURATION 5



3-POINT LATCHING EXIT DEVICE
SECTION A-4
CONFIGURATIONS 4



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

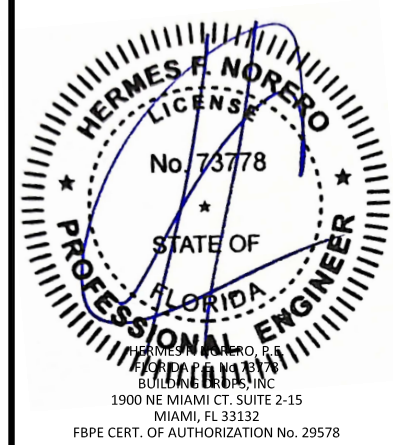
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
DOOR & FRAME INSWING
HORIZONTAL SECTION VIEWS

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



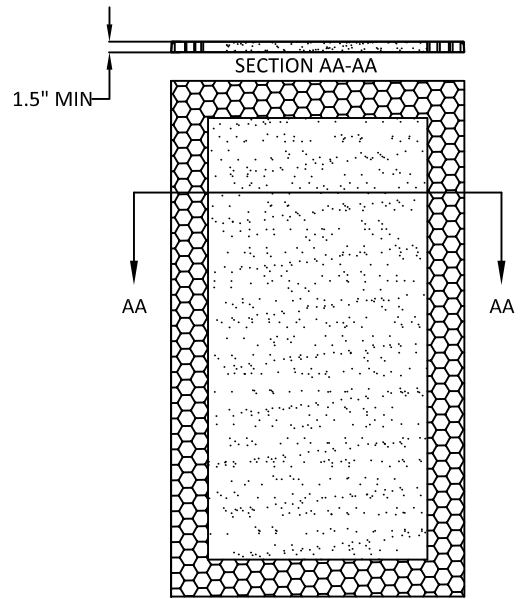
REMARKS	BY	DATE
LOCK ADDITION	MG	10.16.23
MPP/ANCHOR UPDATE	SH	06.13.24
LOCK UPDATE	JA	09.09.24
MISC UPDATE	DI	12.06.25

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.

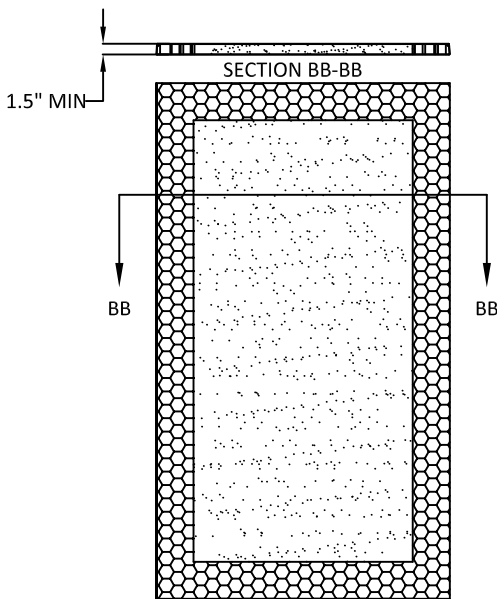


FL10356

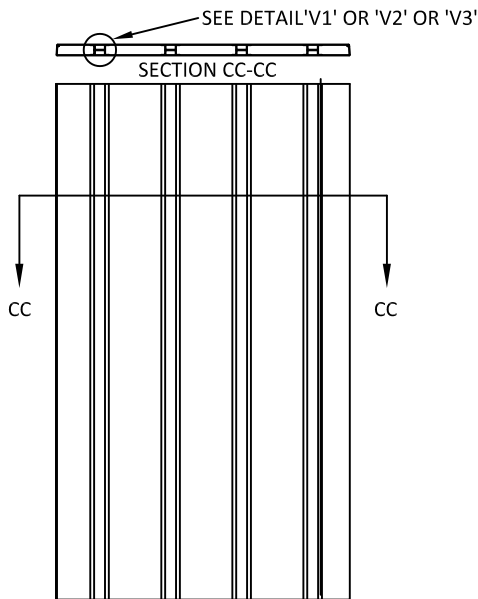
DATE:	04.26.23
DWG. BY:	DI
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	GDDA330
SHEET:	9



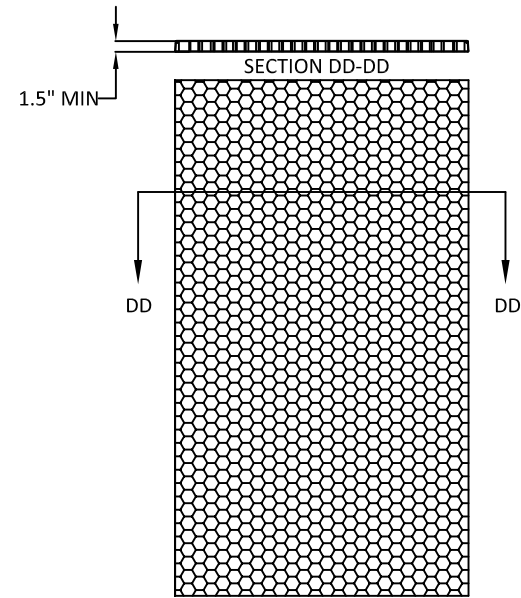
(A) EXPANDED POLYSTYRENE FOAM
DENSITY: 1.0 LBS/FT³



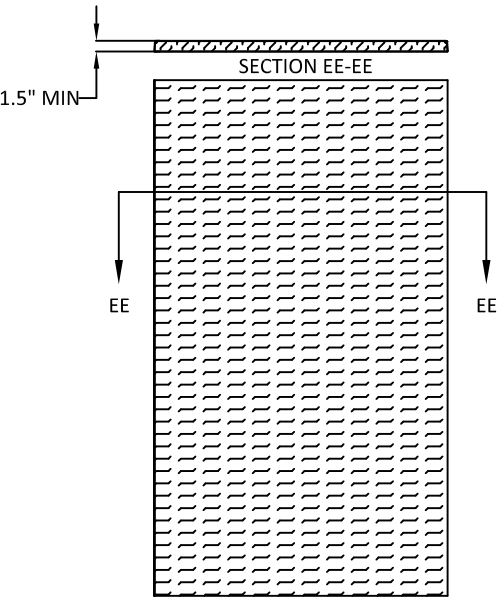
(B) POLYISOCYANURATE
(POLYURETHANE)
DENSITY: 2 LBS/FT³



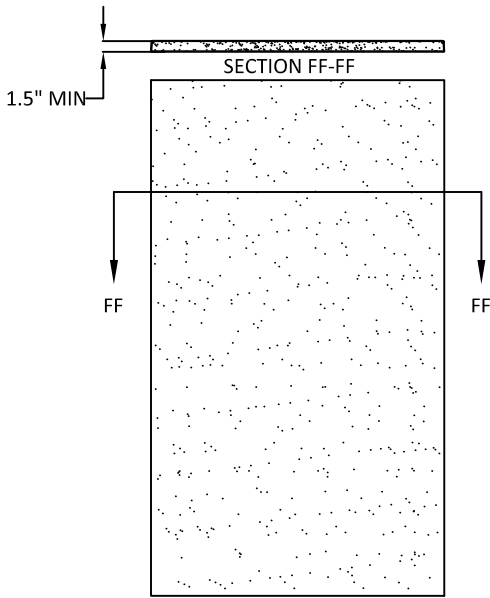
(C) STEEL STIFFENED
HAT SHAPED SECTIONS



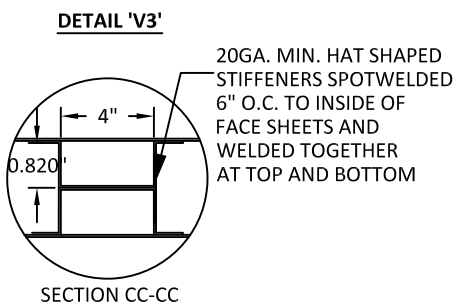
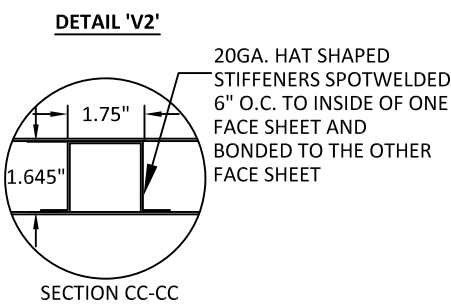
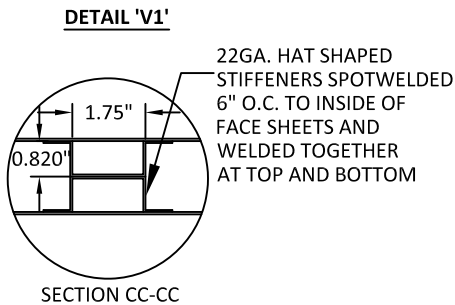
(D) HONEYCOMB
KRAFT PAPER.



(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



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

TABLE 3: AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

STEELCRAFT DOOR SERIES	DOOR CORE MATERIAL PER SHT. 10	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
L	HONEYCOMB POLYSTYRENE POLYURETHANE	8'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053" 14/.067"
B	STEEL STIFFENED	8'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053" 14/.067"
SL/SZ	HONEYCOMB POLYSTYRENE POLYURETHANE	8'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053"
T	MINERAL FIBER	8'-0"	8'-0"	CRS. GALV.	18/.044" 16/.053" 14/.067"
CE	POLYSTYRENE	8'-0"	8'-0"	GALV.	18/.044" 16/.053"



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

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

DOOR PANEL & CORE DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

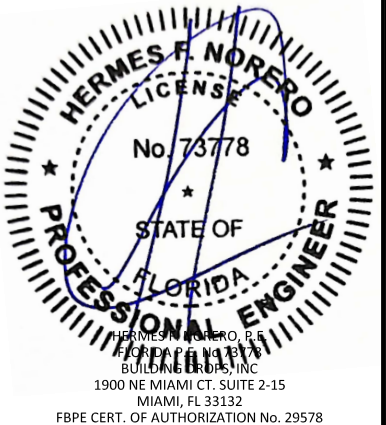
FAX: (954)744-4738

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

10

OF 34

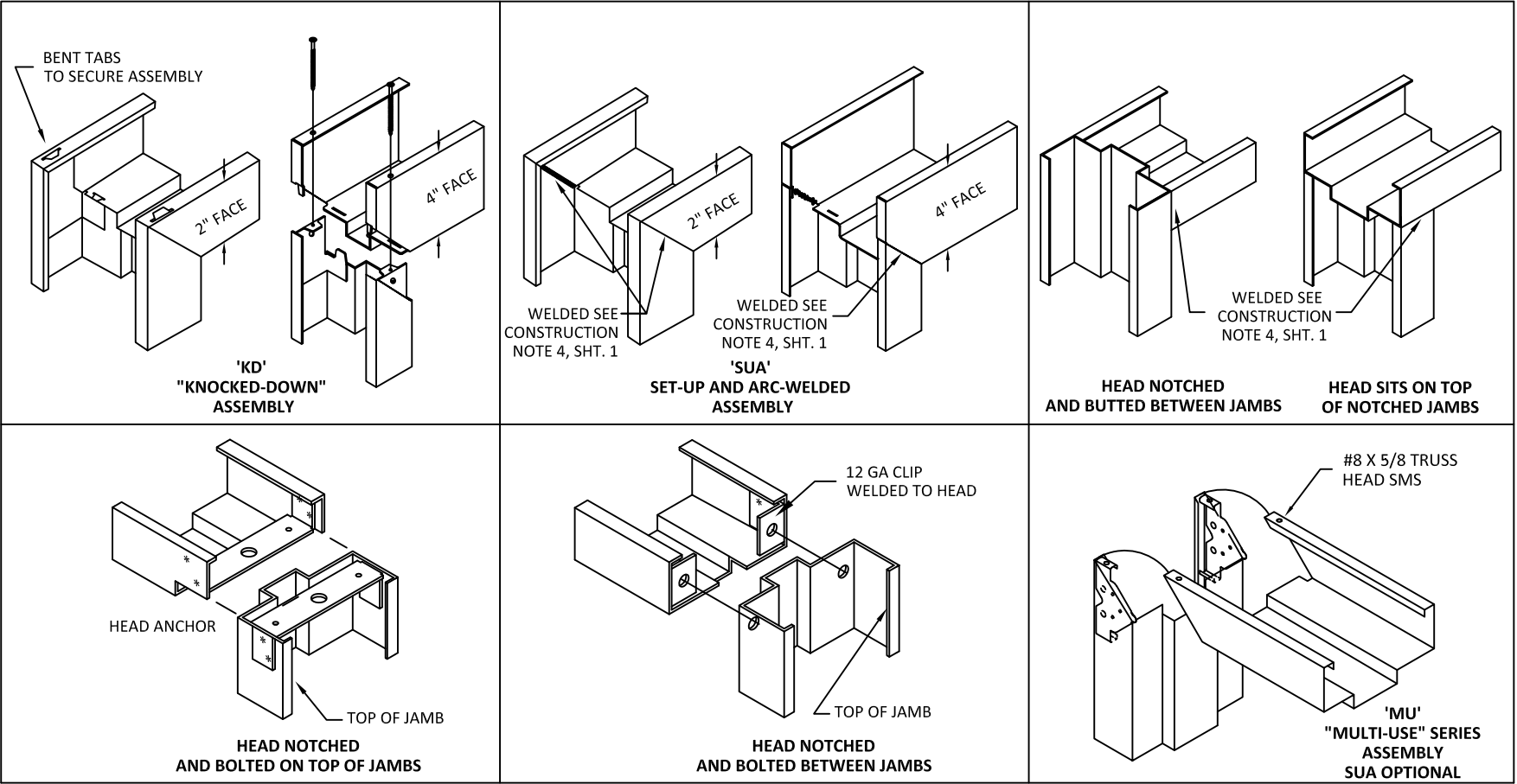
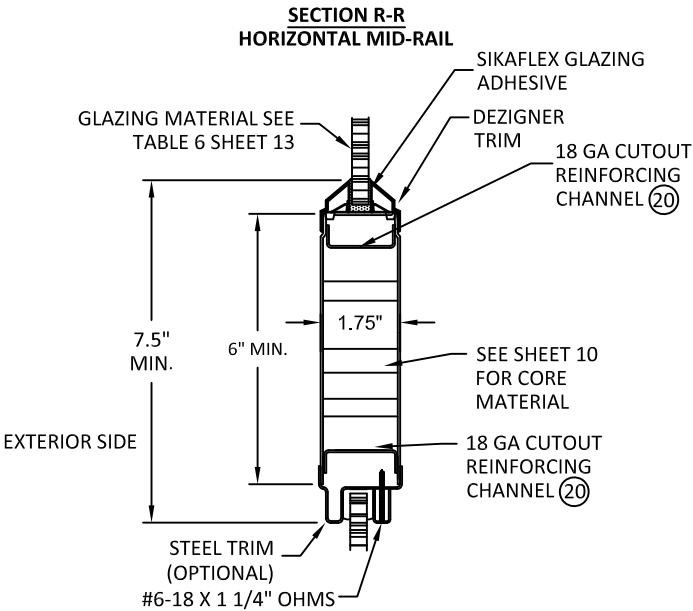
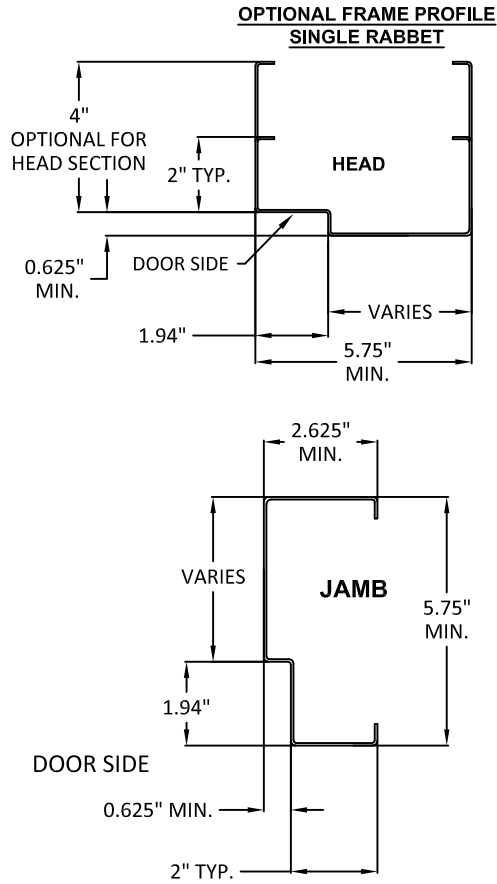
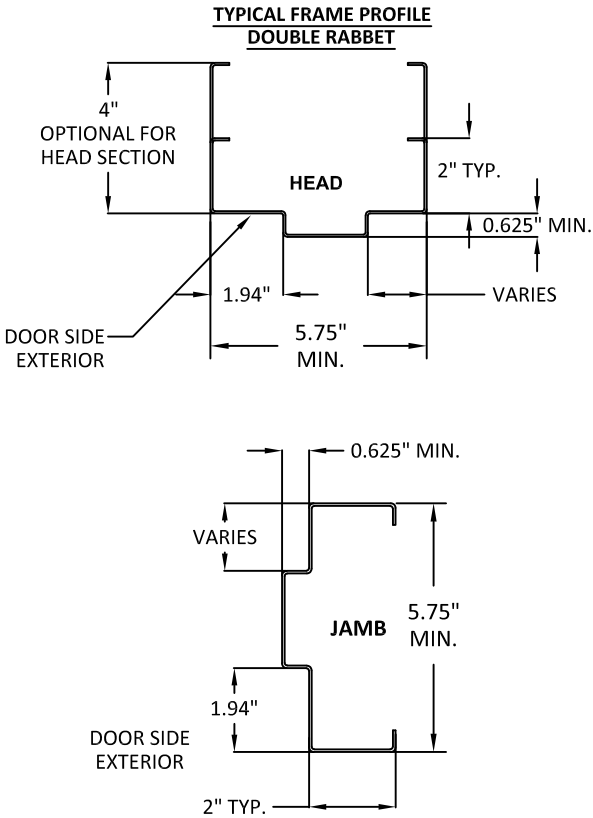


TABLE 4: AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

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



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

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

STEELCRAFT: FRAME DETAILS &
CORNER CONSTRUCTION

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: 04.26.23

DWG. BY: DI

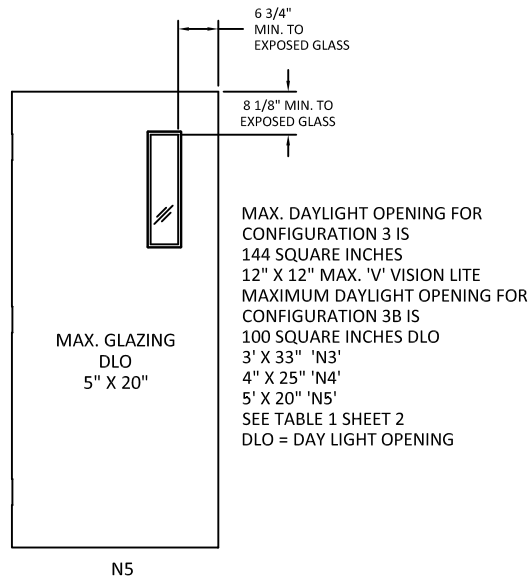
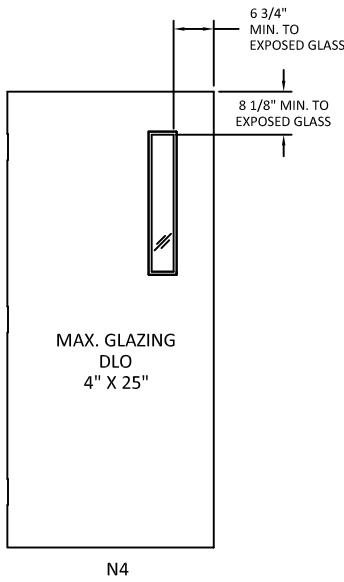
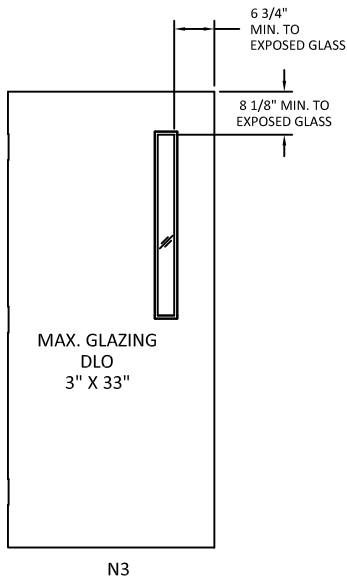
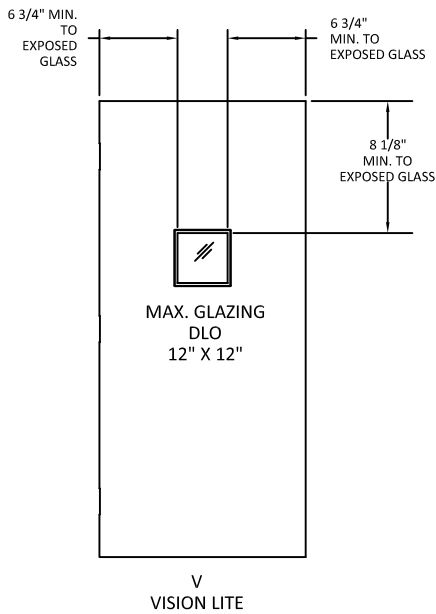
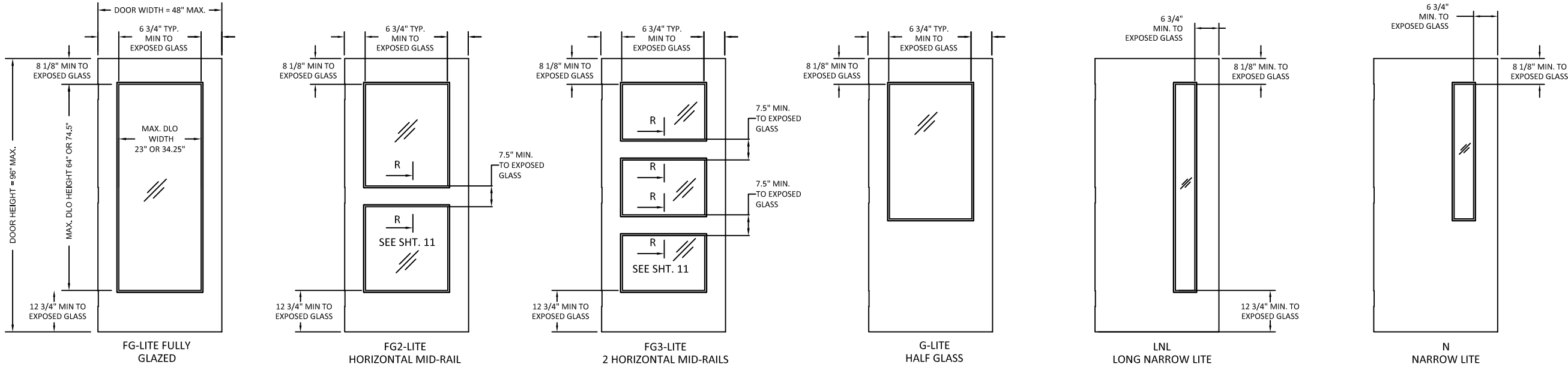
CHK. BY: HFN

SCALE: NTS

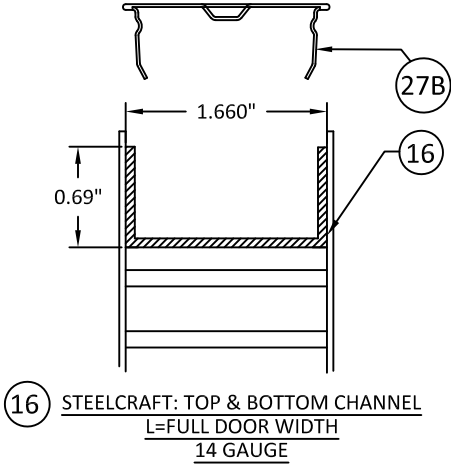
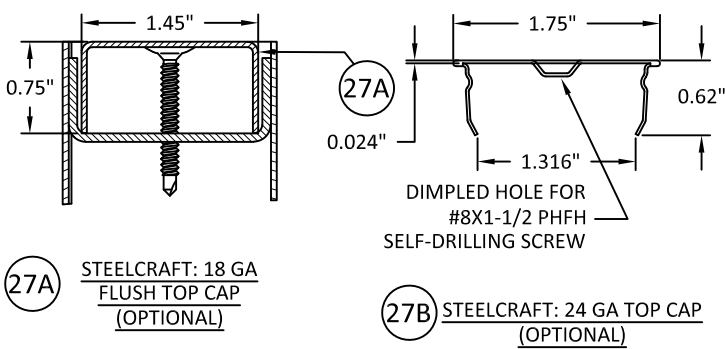
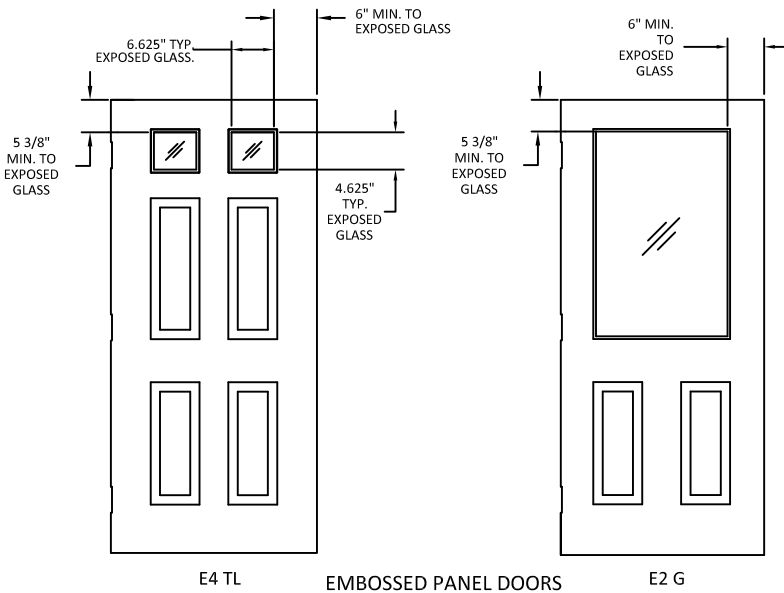
DWG. #: GDDA330

SHEET:

11



MAX. DAYLIGHT OPENING FOR CONFIGURATION 3 IS 144 SQUARE INCHES
12" X 12" MAX. 'V' VISION LITE
MAXIMUM DAYLIGHT OPENING FOR CONFIGURATION 3B IS 100 SQUARE INCHES DLO
3' X 33" 'N3'
4" X 25" 'N4'
5' X 20" 'N5'
SEE TABLE 1 SHEET 2
DLO = DAY LIGHT OPENING



- 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 3-4 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 13 & 14 IS AVAILABLE FOR GLASS LITE TYPE AND SIZE.



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

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

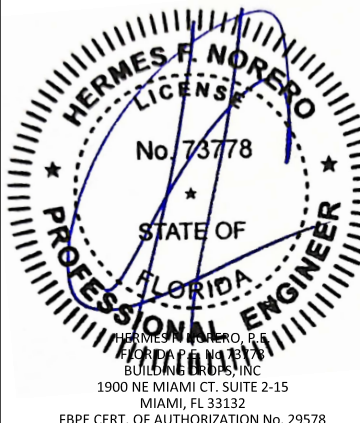
DOOR CONFIGURATION

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: 04.26.23	
DWG. BY: DI	CHK. BY: HFN
SCALE: NTS	
DWG. #: GDDA330	
SHEET: 12 OF 34	



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

TITLE: GLAZING OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)

GLAZING OPTIONS

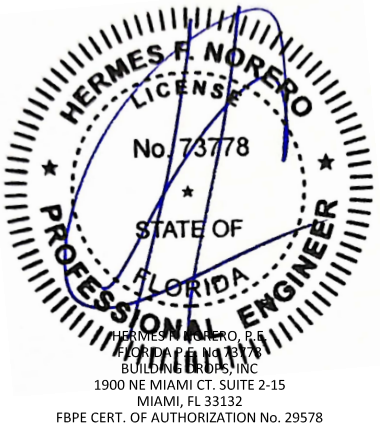
PREPARED BY: BUILDING DROPS, INC.

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

13

OF 34

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



MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

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.



CHK. BY:
HFN

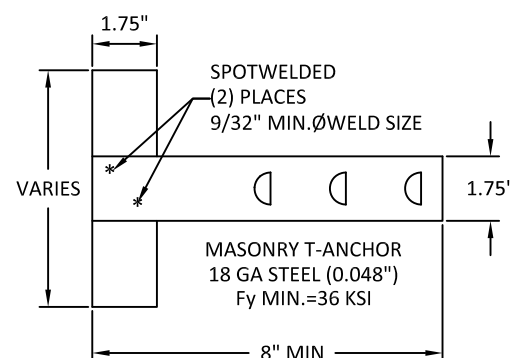
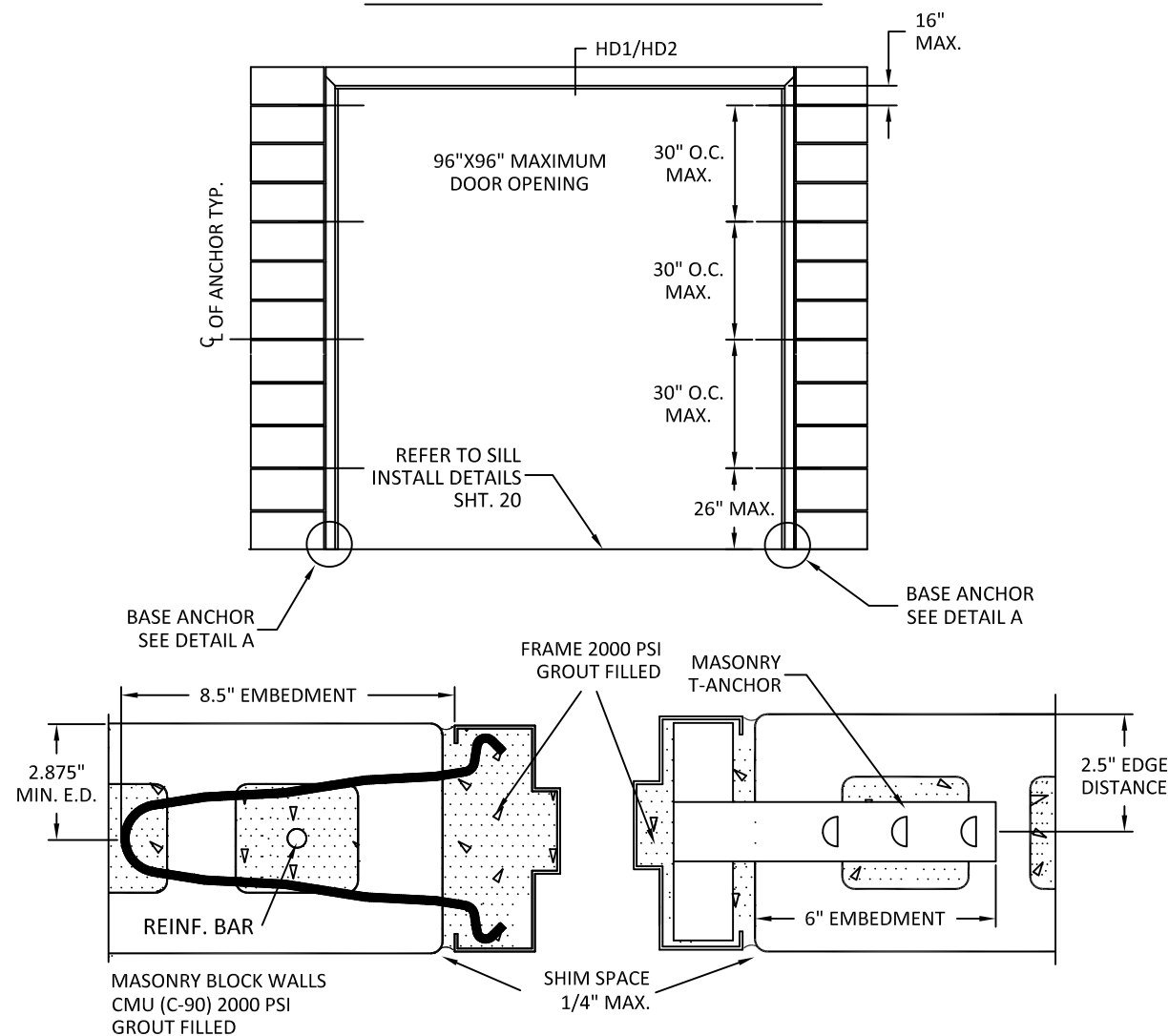
DWG. #: GDDA330

14

OF 34

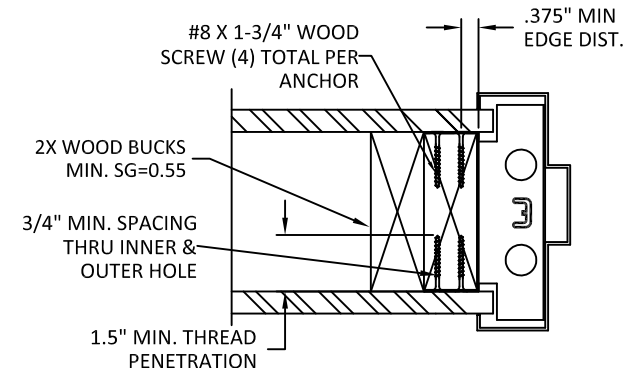
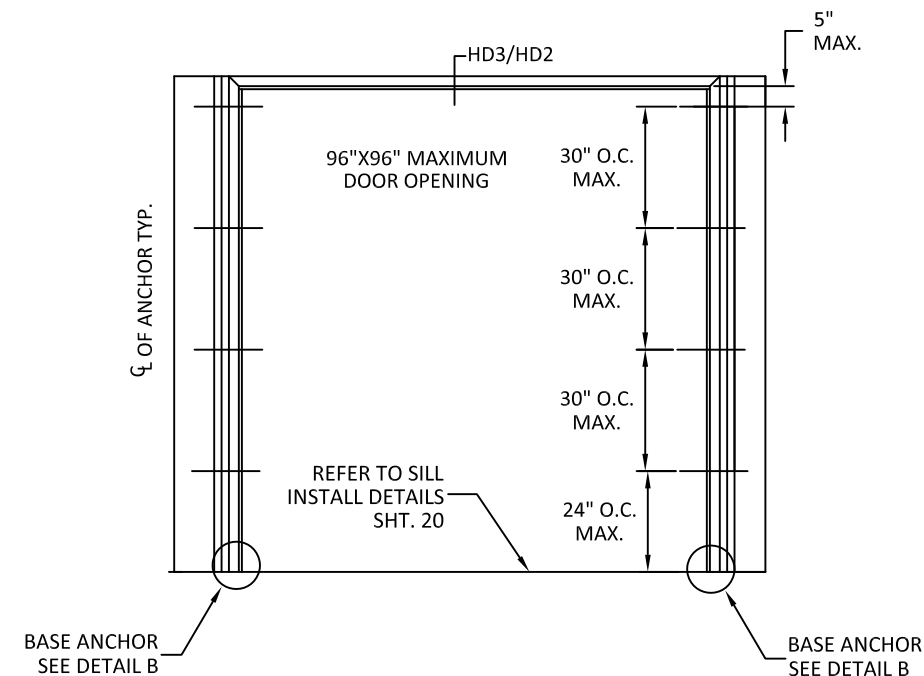
**(E) HIGH SECURITY
METAL VISION FRAME
MATERIAL: 12 GAGE OR 10 GAGE
NGP ANEMOSTAT SG-10 AND
AIR LOUVERS VLF-S10**

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

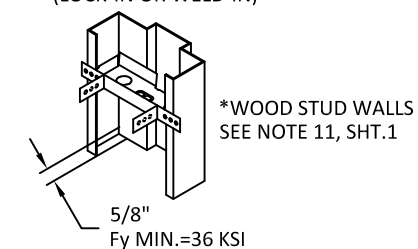


WOOD STUD ANCHOR

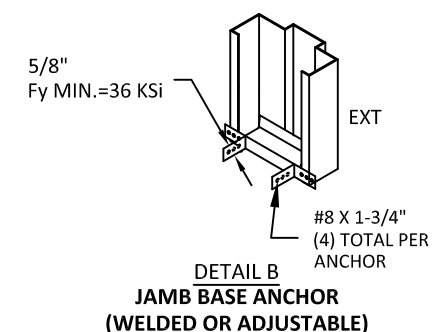
SEE SHEET 29 FOR
OPTION 2 ANCHOR DETAILS



WOOD STUD OR UNIVERSAL ANCHOR
(LOCK-IN OR WELD-IN)



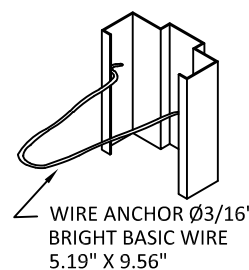
*WOOD STUD WALLS
SEE NOTE 11, SHT.1



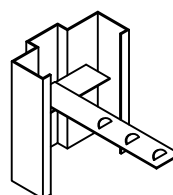
NOTES:

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.

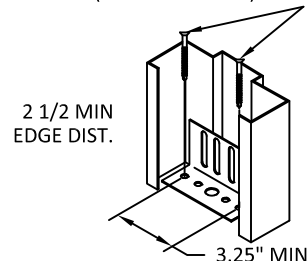
WIRE MASONRY ANCHOR
Fultim MIN.=58 KSI
Fy MIN.=36 KSI



MASONRY
T-ANCHOR



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 LVL (SG=0.55)



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

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

STEELCRAFT: ANCHORS - WIRE OR
MASONRY ANCHOR & WOOD STUD

PREPARED BY:
BUILDING DROPS, INC.

NG DROPS, II
MIAMI CT. SUITE 2-15
MIAMI, FL 33132

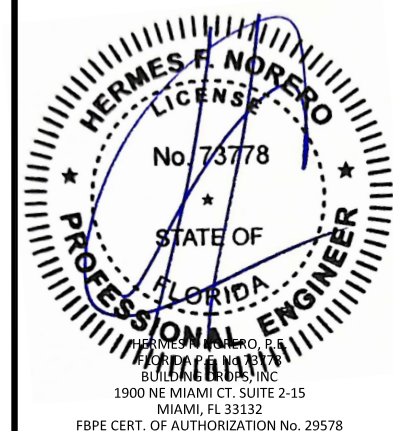


BUILDING
1900 NE

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: 04.26.23

DWG. BY: DI	CHK. BY: HFN
-----------------------	------------------------

SCALE: NTS

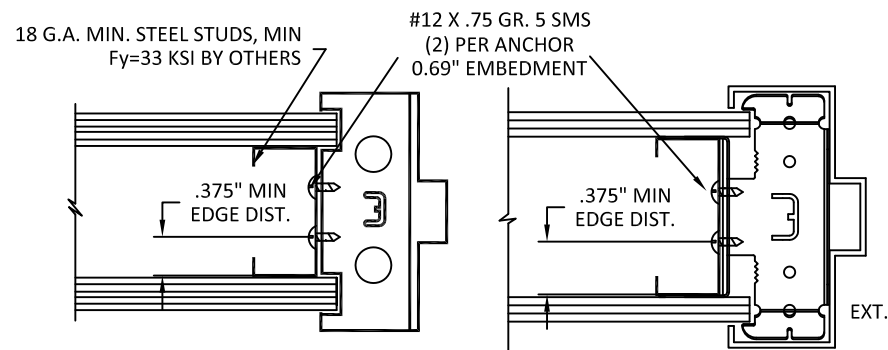
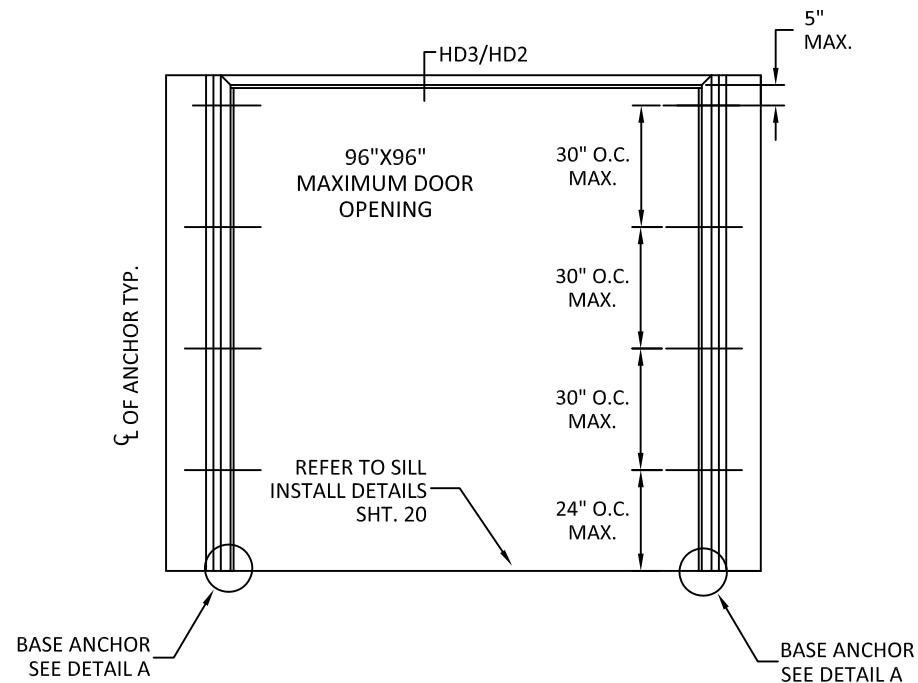
DWG. #: GDDA330

SHEET:

15

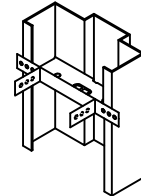
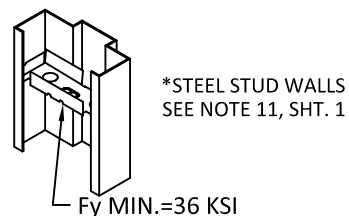
OF 34

C STEEL STUD ANCHOR

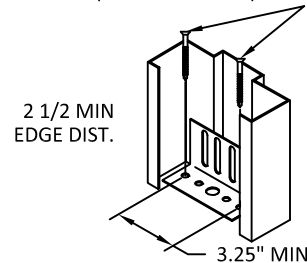


STEEL STUD ANCHOR
WELD-IN OR LOCK-IN

UNIVERSAL ANCHOR
WELD-IN OR LOCK-IN

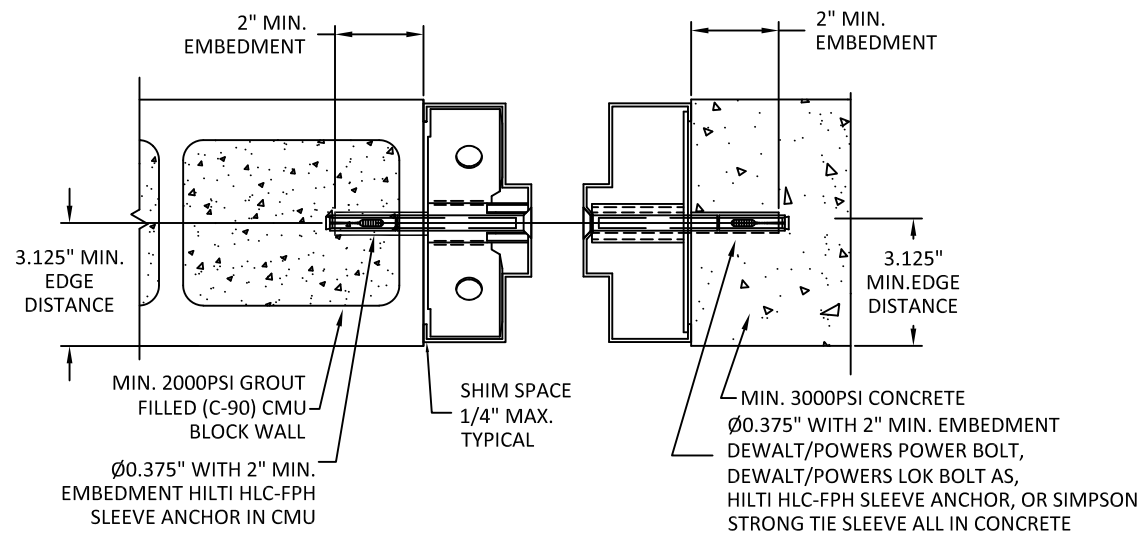
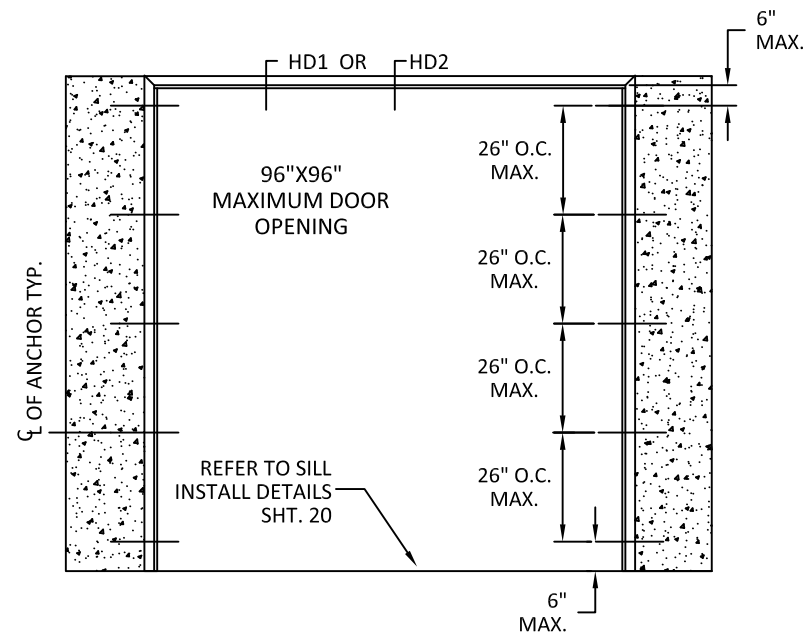


DETAIL A
JAMB BASE ANCHOR
(INTO CONCRETE)

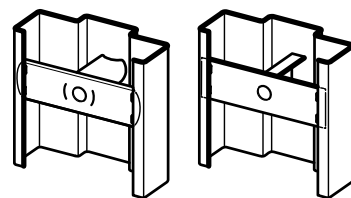


JAMB BASE ANCHOR INTO CONCRETE (3 KSI MIN.)
Ø0.375" WITH 2" MIN. EMBEDMENT
DEWALT/POWERS POWER BOLT,
DEWALT/POWERS LOK BOLT AS,
HILTI HLC-FPH SLEEVE ANCHOR,
SIMPSON STRONG TIE
SLEEVE-ALL OR 3/8" LAG BOLT
INTO (2) 2X WOOD SILL (SG=0.55)

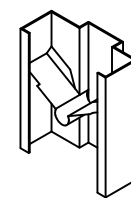
D EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU



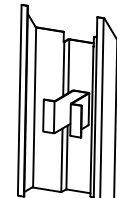
EMA-U ANCHOR



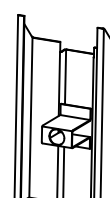
TUBE/CHANNEL &
PLATE BOLT-IN



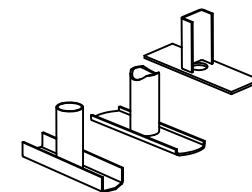
LOCK-IN



EMA ANCHOR



WELD-IN



TUBE & PLATE
WELD-IN EMA
ANCHOR

SEE SHEET 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 DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)

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

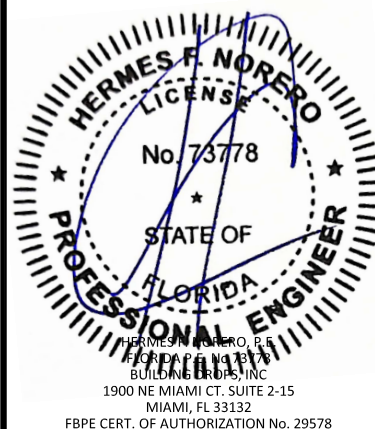
PREPARED BY: BUILDING DROPS, INC.

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

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

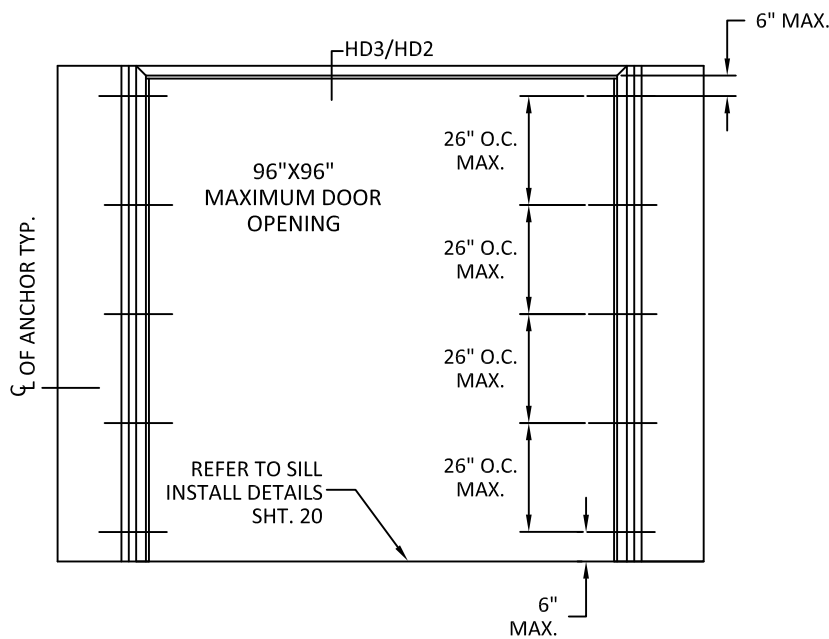
SHEET:

16

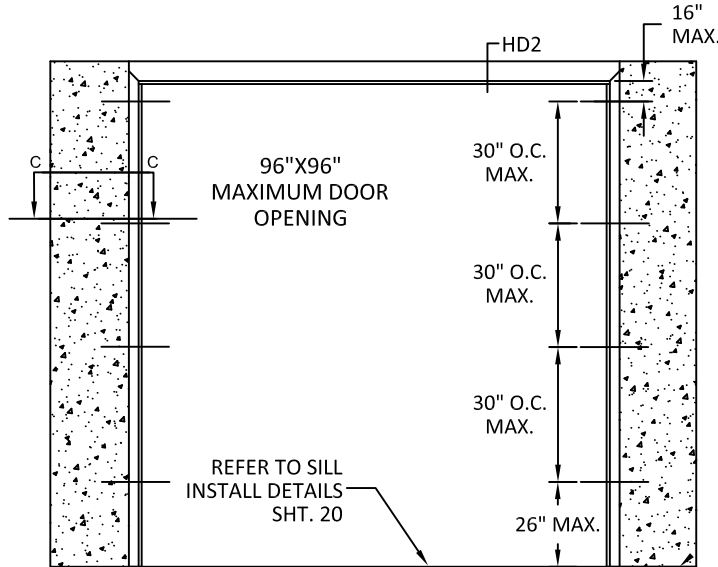
OF 34

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.

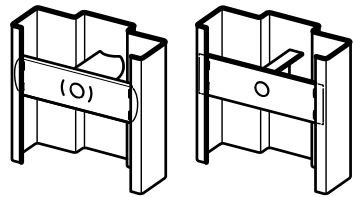
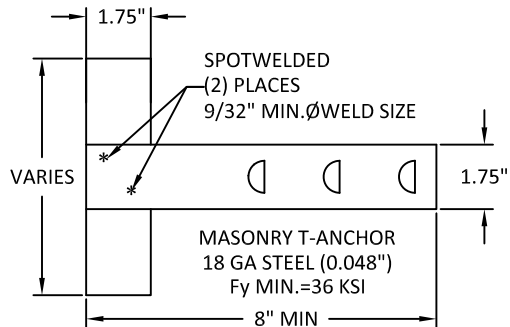
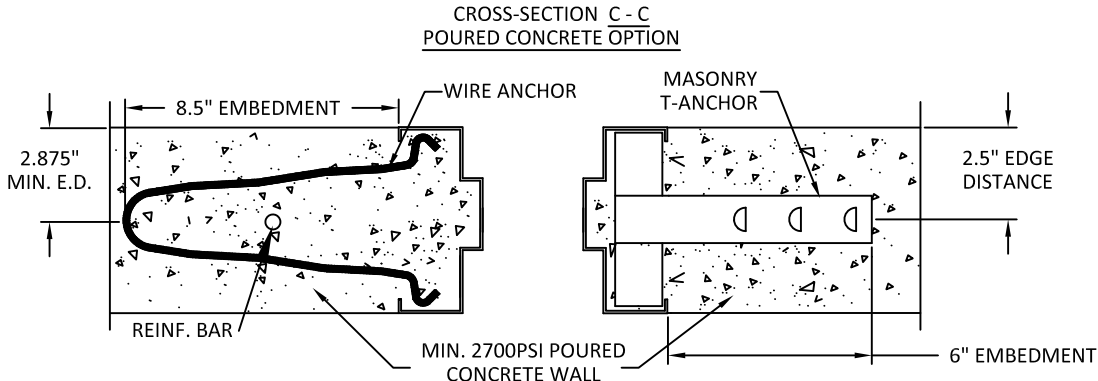
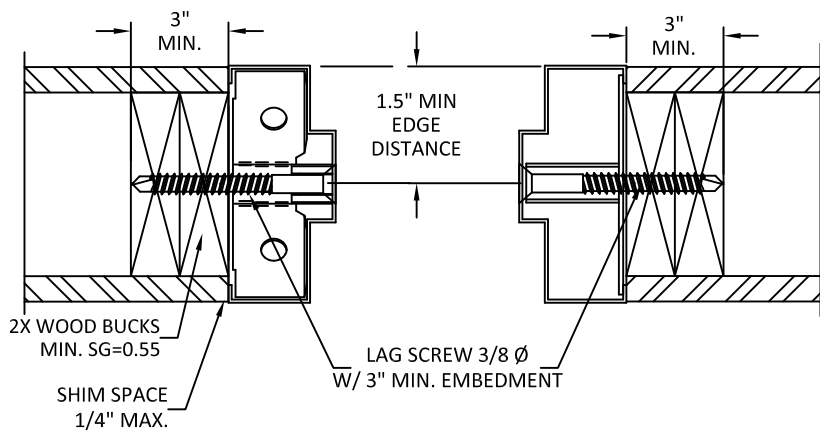
E EXISTING MASONRY ANCHOR (EMA)
WITH LAG BOLT INTO WOOD STUD WALL



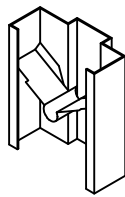
F POURED CONCRETE
TILT UP WALL



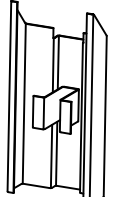
SEE SHEET 31 FOR
OPTION 2 ANCHOR DETAILS



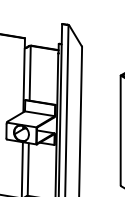
TUBE/CHANNEL &
PLATE BOLT-IN



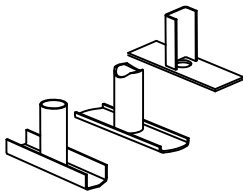
LOCK-IN



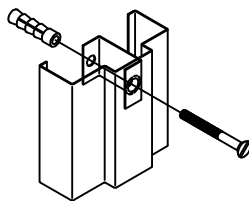
EMA ANCHOR



WELD-IN



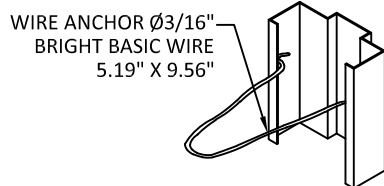
TUBE & PLATE
WELD-IN EMA
ANCHOR



EMA-U ANCHOR

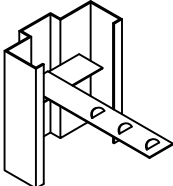
NOTE:
1. 3/8" LAG SCREWS TO BE MIN SAE GRADE 2 OR EQUIVALENT.

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



WIRE ANCHOR Ø3/16"
BRIGHT BASIC WIRE
5.19" X 9.56"

MASONRY
T-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.
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) 715-4073

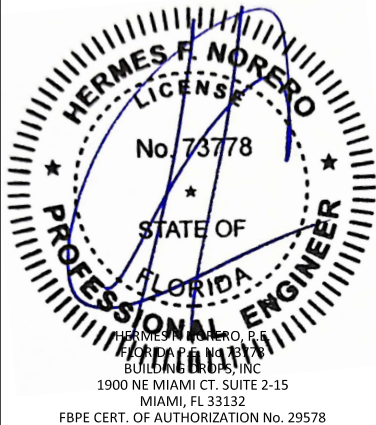
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
STEELCRAFT: ANCHORS - EMA W/
LAG BOLT IN WOOD STUD WALL & POURED
CONCRETE TILT UP WALL

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

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

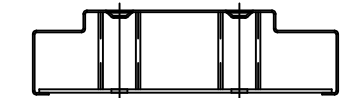
17

OF 34

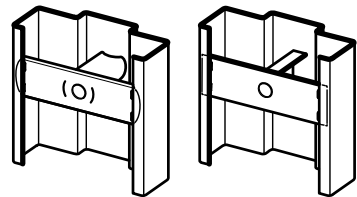
SEE SHEET 32 FOR
OPTION 2 ANCHOR DETAILS

G

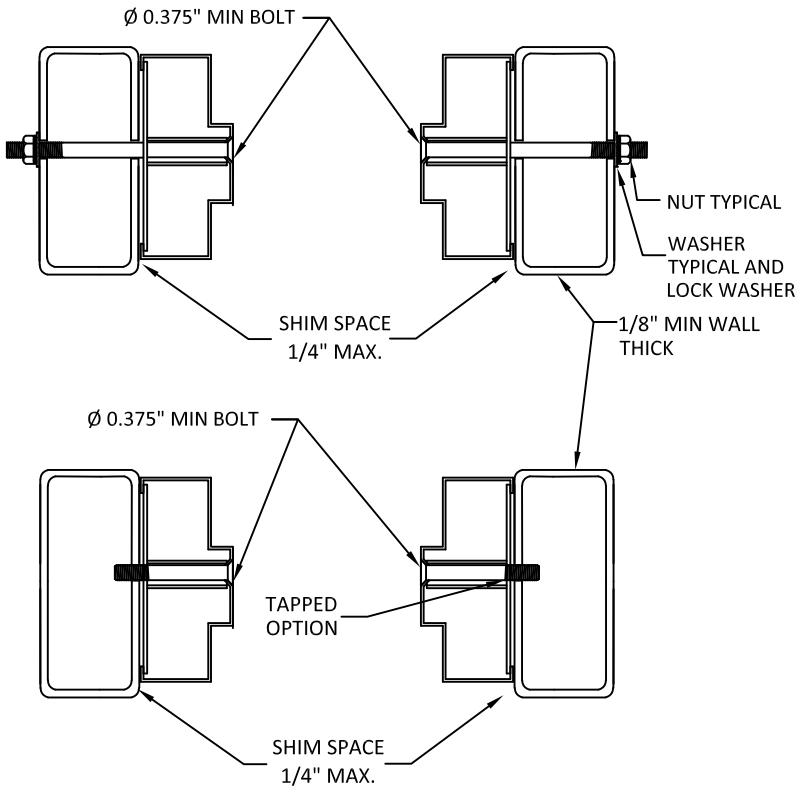
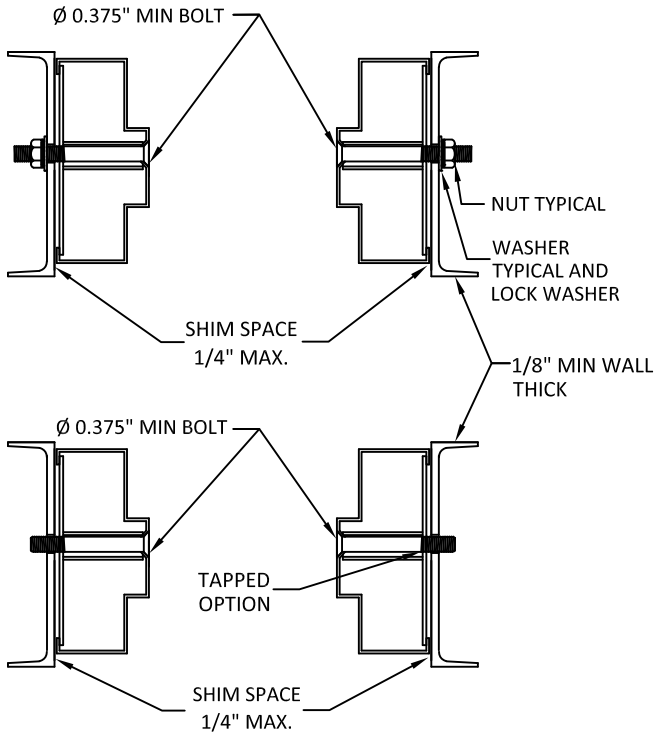
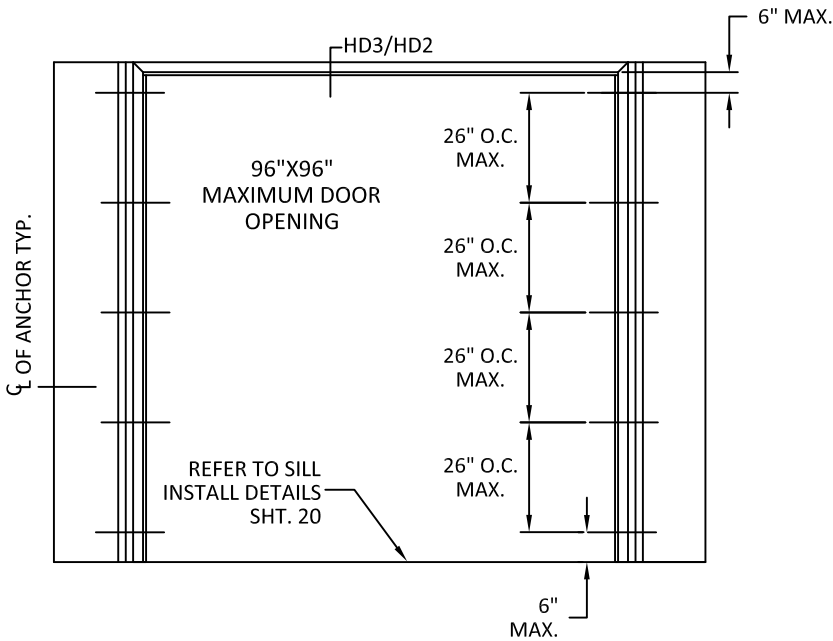
FRAMES BOLTED TO BUILDING STRUCTURE



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.
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) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE 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

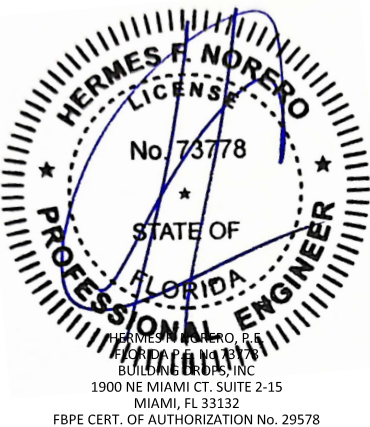
FAX: (954)744-4738

WEB: www.buildingdrops.com



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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

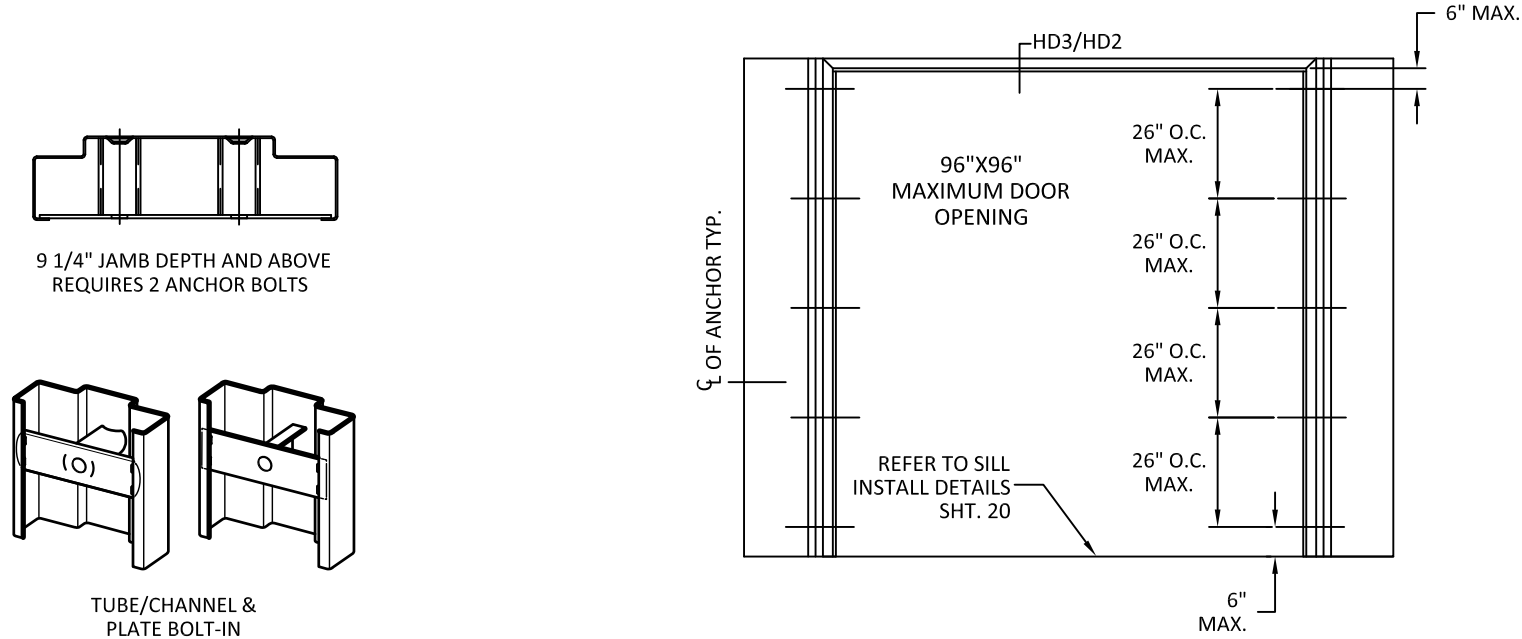
SHEET:

18

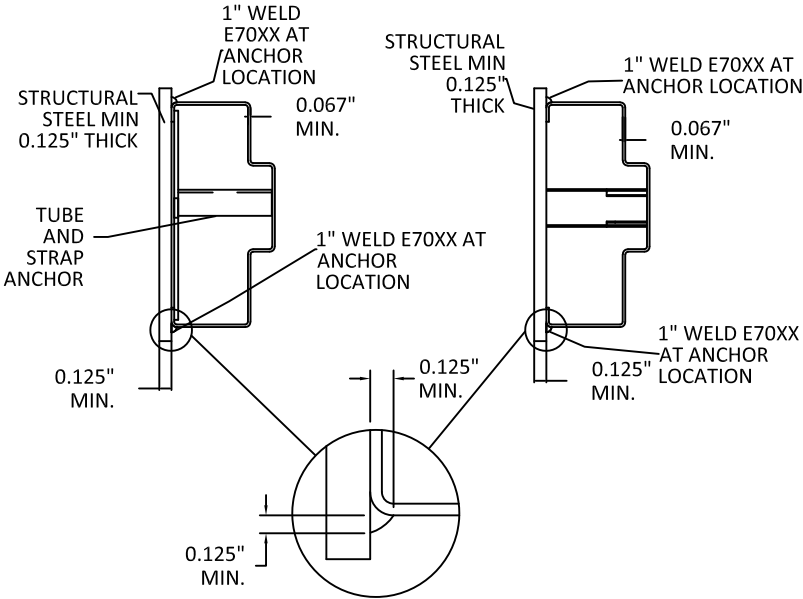
OF 34



WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE



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) 715-4073

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

STEELCRAFT: 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

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

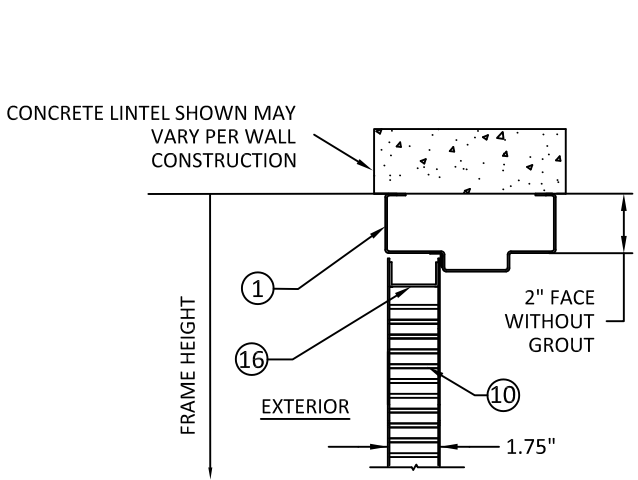
DWG. #: GDDA330

SHEET:

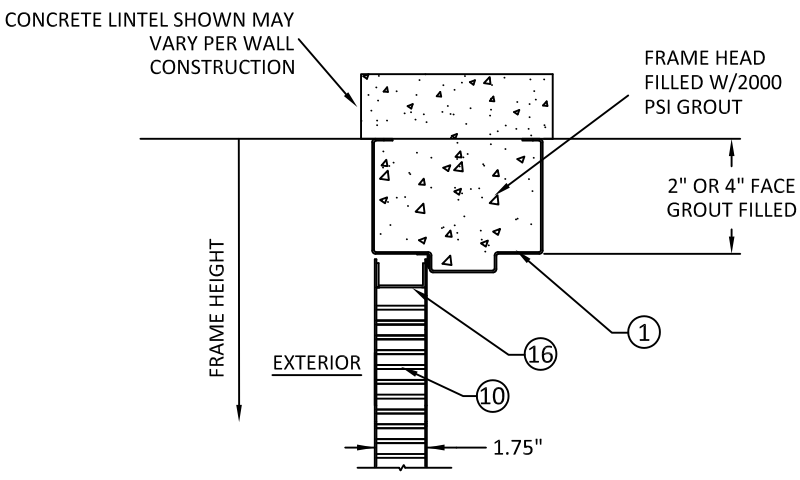
19

OF 34

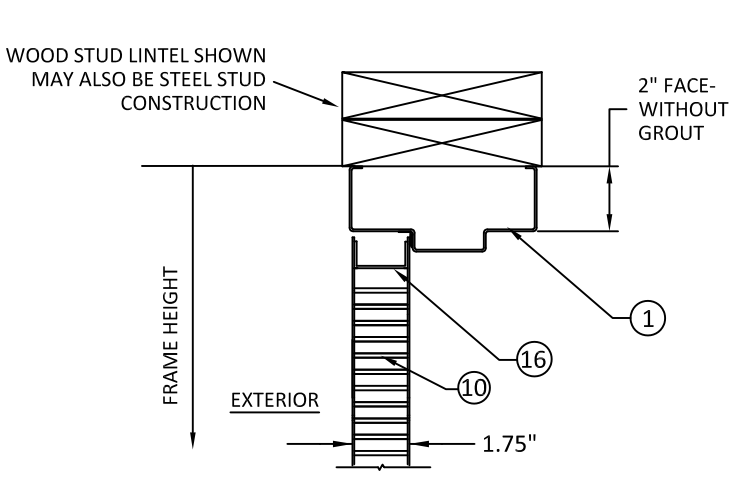
SEE PAGE 34 FOR
OPTION 2 ANCHOR DETAILS



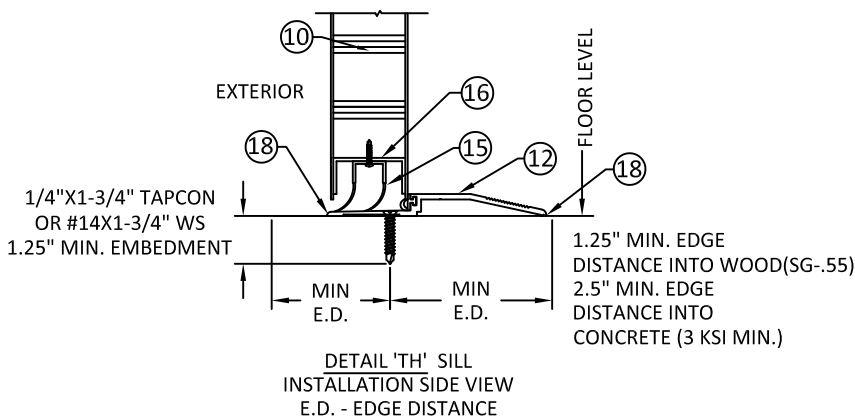
HD1 - FRAME HEAD SECTION



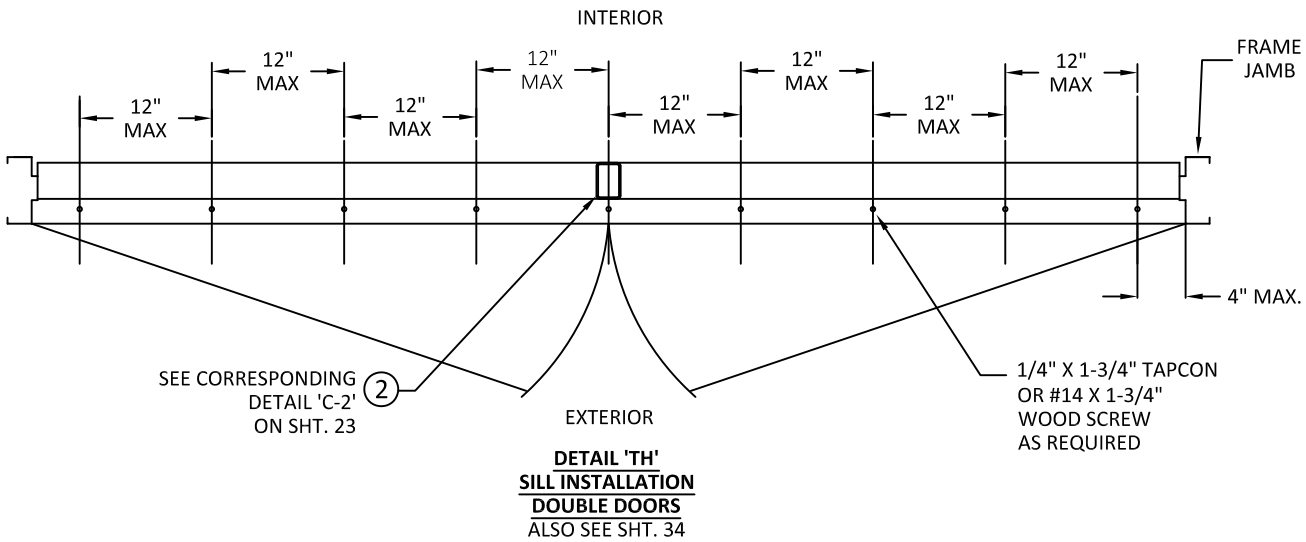
HD2 - FRAME HEAD SECTION



HD3 - FRAME HEAD SECTION



DETAIL 'TH' SILL
INSTALLATION SIDE VIEW
E.D. - EDGE DISTANCE



DETAIL 'TH' SILL
INSTALLATION
DOUBLE DOORS
ALSO SEE SHT. 34

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 DOUBLE 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
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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

20

OF 34

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
	14F	8042S DOOR SEAL	ZERO INT'L
15	FAS-SEAL SWEEP		STEELCRAFT
16	END CHANNEL		STEELCRAFT
17A	328 SPLIT ASTRAGAL		ZERO INT'L

NEOPRENE (FULL LENGTH)
0.25" EXT 0.125" 5.00" 0.50"
(12A) ZERO INT'L 566 SERIES THRESHOLD
MAXIMUM DESIGN PRESSURE +/- 50 PSF
(SEE SHEET 1)

SILICONE (FULL LENGTH)
0.25" EXT 0.125" 5.00" 0.50"
(12C) ZERO INT'L 65 SERIES THRESHOLD
MAXIMUM DESIGN PRESSURE +/- 50 PSF
(SEE SHEET 1)

NEOPRENE (FULL LENGTH)
0.13" EXT 0.125" 6.00" 0.50"
(12D) ZERO INT'L 568 SERIES THRESHOLD
MAXIMUM DESIGN PRESSURE +/- 50 PSF
(SEE SHEET 1)

FLEXIBLE SEMI-RIGID
0.24" .50" 40°
(14A) PS-074 STEELCRAFT DOOR SEAL

(14B) ZERO 188S DOOR SEAL
0.25" 0.50"

(14C) ZERO 117S DOOR SEAL
0.29" .40"

(14D) ZERO 8145S DOOR SEAL
0.25" 0.187" 0.50"

(14E) ZERO 8150S DOOR SEAL
.313" .50"

(16) DOOR END CHANNEL
0.067" .688" 1.66"

(15) FAS-SEAL DOOR SWEEP
47.625" MAX. 3.91" 11.25" 17.3" 11.25" 3.91"
SEE NOTE 1
RIGID SECTION SEE NOTE 2
0.50" 1.25" FLEXIBLE SECTION (NOTE 3)

(17A) ZERO 328 SPLIT ASTRAGAL
SOLID NEOPRENE .219" 1.00"

(12G) ZERO INT'L 560 SERIES THRESHOLD
NEOPRENE (full length) 0.50" .135" 0.875" 5.00"

(12F) ZERO INT'L 565 SERIES THRESHOLD
NEOPRENE (full length) 0.50" 0.203" 0.875" 4.86"

(14F) ZERO 8042S SELF-ADHESIVE WEATHERSTRIPPING
.20" .437"

ALL CONFIGURATIONS
TOP OF DOOR FRAME HEAD
DOOR SEAL

Diagram illustrating the hardware components for a double door assembly, showing the HINGE JAMB and SPLIT ASTRAGAL.

Labels and components:

- HINGE JAMB**: The vertical frame on the left side.
- DOOR SEAL APPLIED TO HEAD AND JAMBS**: The seal on the right side.
- SEE SHT. 24 FOR HINGE REINF**: Reference to sheet 24 for hinge reinforcement.
- HINGE JAMB**: The vertical frame on the right side.
- SPLIT ASTRAGAL**: The component labeled 17A, which is a split astragal.
- ACTIVE**: The two central door panels.
- HARDWARE MULLION**: The component labeled 2, which is a hardware mullion.
- 14**: A reference number pointing to the hinge assembly on both jambs.

HINGE JAMB

14

17C

INACTIVE

ACTIVE

DOOR SEAL APPLIED TO HEAD AND JAMBS

14

SEE SHT. 24 FOR HINGE REINF

HINGE JAMB

Diagram illustrating the hinge jamb and active panels of a door assembly. The diagram shows two doors with active panels. Key components labeled include:

- HINGE JAMB** (Left side)
- 14** (Hinge reinforcement detail on the left jamb)
- ACTIVE** (Label for the active panels)
- 17A** (Split astragal detail between the panels)
- SPLIT ASTRAGAL** (Label for the detail between the panels)
- HINGE JAMB** (Right side)
- DOOR SEAL APPLIED TO HEAD AND JAMBS** (Label for the seal on the right jamb)
- 14** (Hinge reinforcement detail on the right jamb)
- SEE SHT. 2 FOR HINGE REINF.** (Reference to another sheet for hinge reinforcement details)

TOP OF DOOR FRAME HEAD

BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION

0.375" FLOOR CLEARANCE

FLOOR LEVEL

Labels in diagram: 14, 16, 15, 12, 18



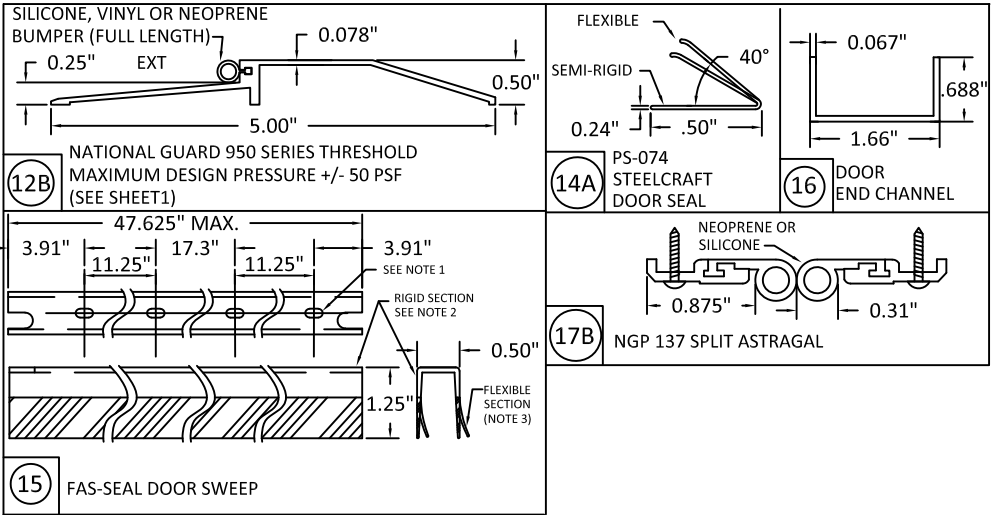
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



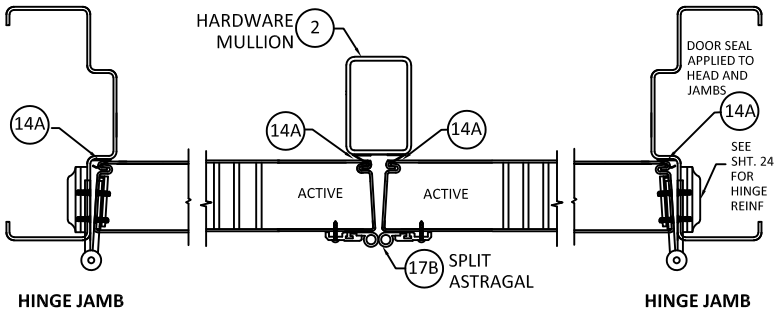
TABLE 7.2 NON-WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD

ITEM NUMBER	MODEL NO./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
14A	PS074 DOOR SEAL	STEELCRAFT
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
17B	137 SPLIT ASTRAGAL	NGP

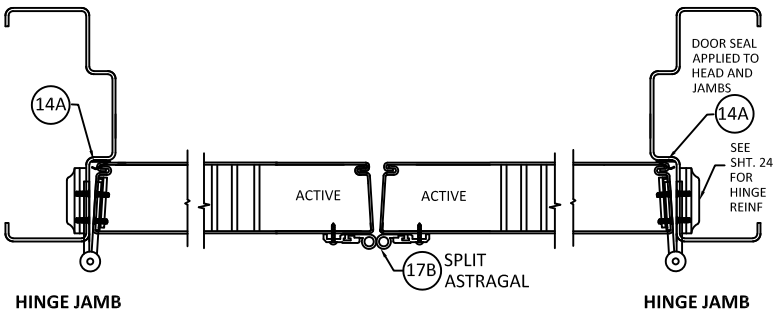
WHEN WATER INFILTRATION IS NOT REQUIRED -
MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM
DOOR SIZE OF 8'-0" X 8'-0"
(SEE SHEET 2)



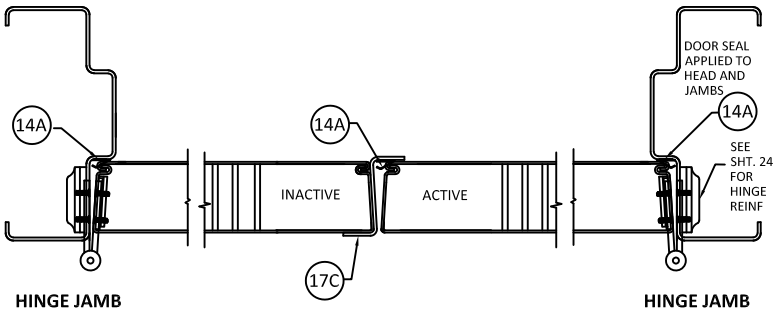
FOR CONFIGURATIONS: 3 & 4



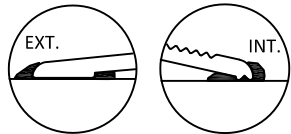
FOR CONFIGURATIONS: 5 & 6



FOR CONFIGURATIONS: 1 & 2

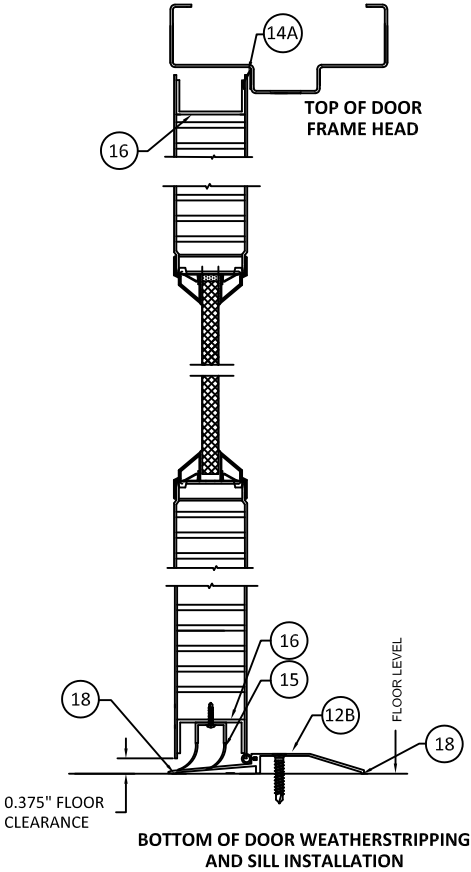


- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. STEELCRAFT INSTALLATIONS REQUIRE FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A) AND THRESHOLD (12B) 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 SLICONE CAULK FULL LENGTH OF SILL.
 7. REPUBLIC INSTALLATIONS REQUIRE DOOR SEAL (14A) AND THRESHOLD (12B) AS APPLICABLE.
 8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE.



TYPICAL THRESHOLD SET INTO BEAD
OF CAULK SEE NOTE 6

ALL CONFIGURATIONS





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

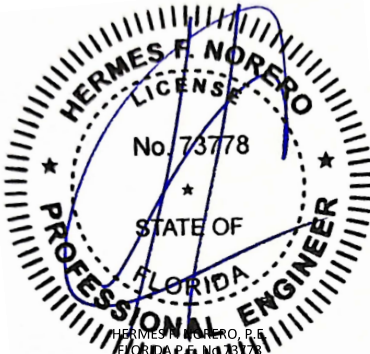
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
GASKETING DETAILS FOR
NO WATER INFILTRATION CONT.

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.



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

FL10356

DATE: 04.26.23

DWG. BY: DI	CHK. BY: HFN
----------------	-----------------

SCALE: NTS

DWG. #: GDDA330

SHEET:

22

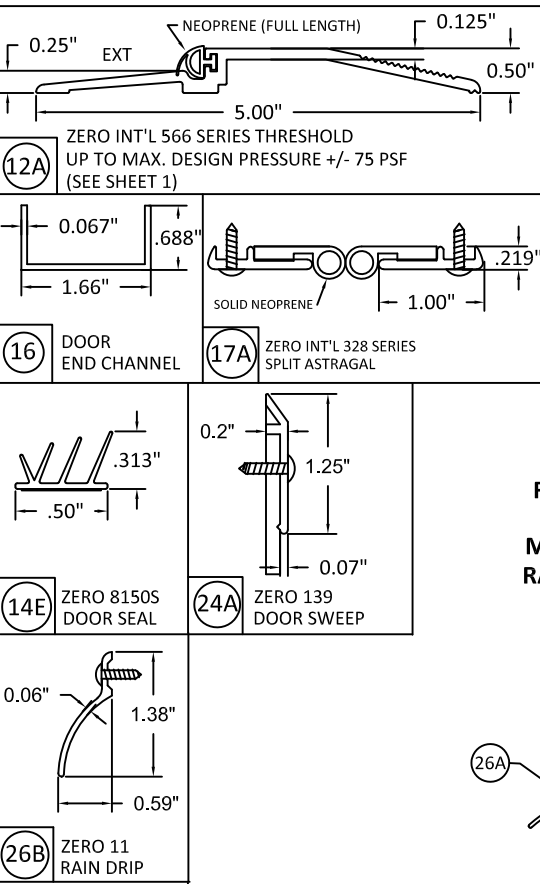
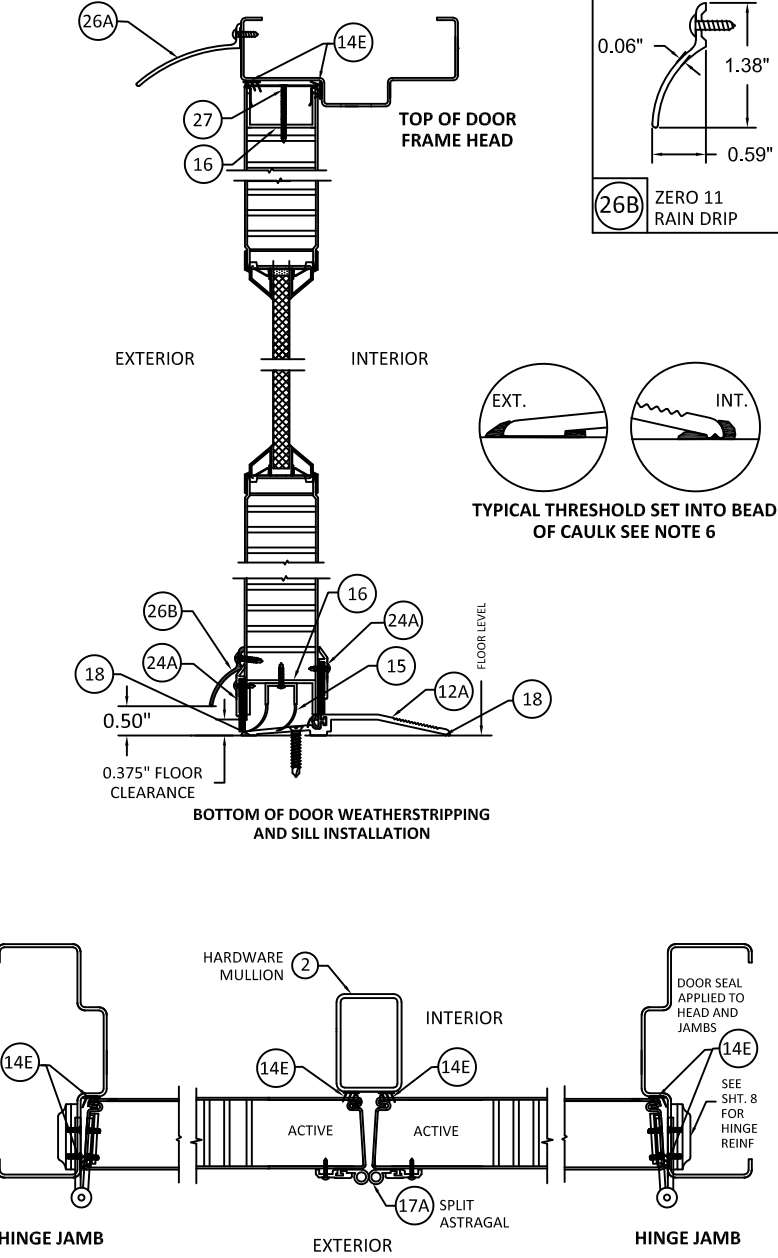
OF 34

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
17A	328 SPLIT ASTRAGAL	ZERO INT'L
14E	8150S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	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

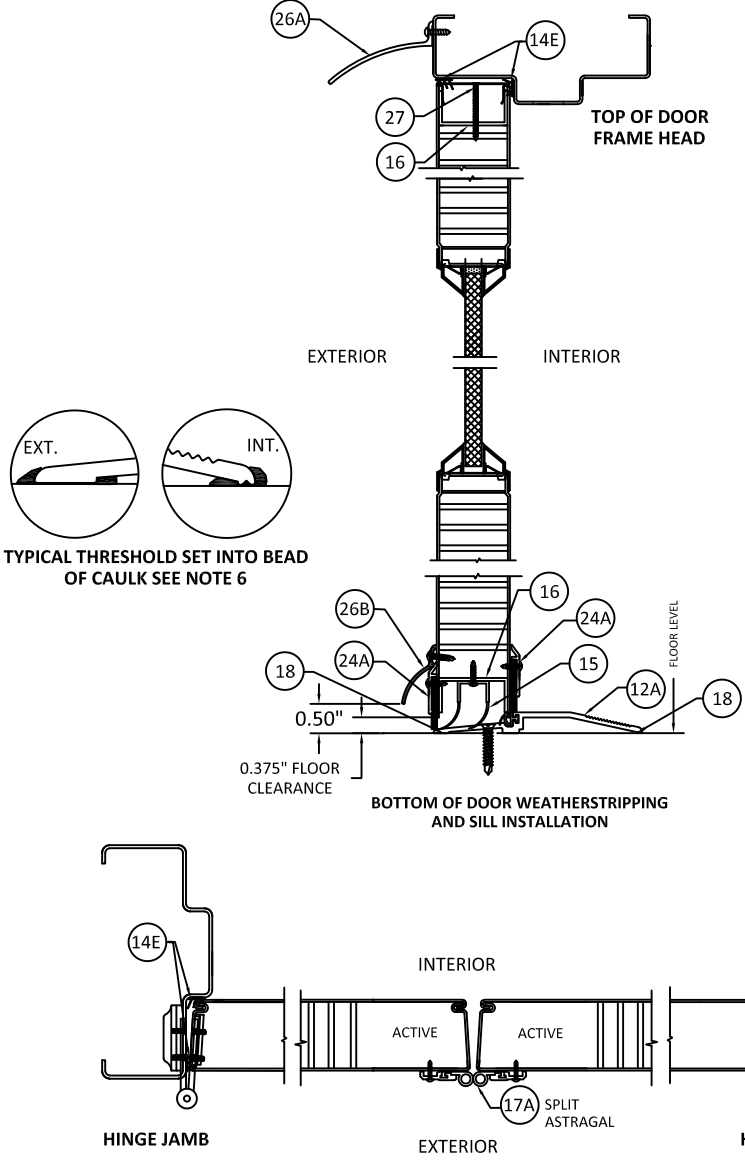
REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 50 PSF - (SEE
SHEET 2)

FOR CONFIGURATIONS:
3 & 4



REQUIREMENTS FOR WATER
INFILTRATION -
MAXIMUM DESIGN PRESSURE
RATING 50 PSF - (SEE SHEET 2)

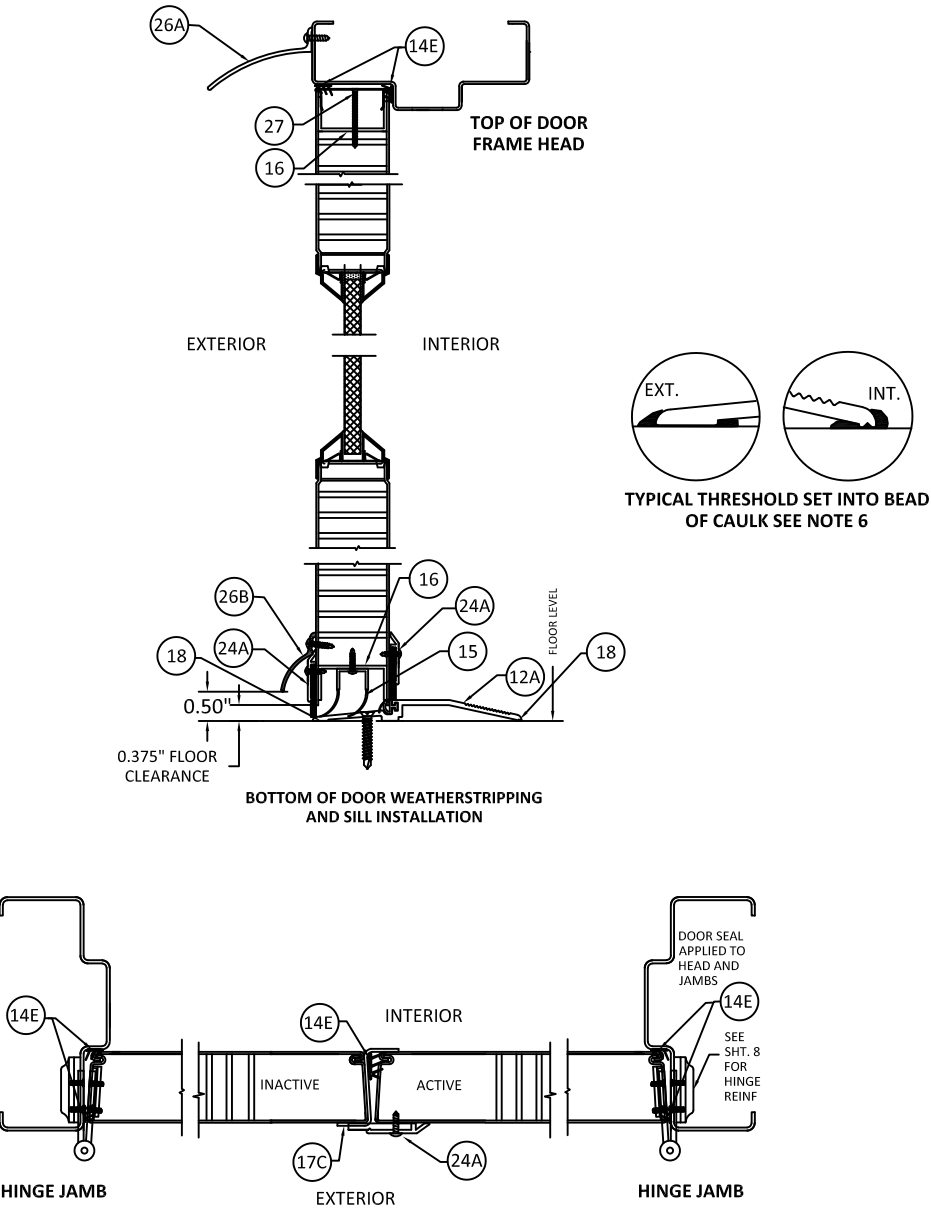
FOR CONFIGURATIONS: 5 & 6



- 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. FAS-SEAL DOOR SWEEP (15) AND THRESHOLD (12) 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 DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE.

REQUIREMENTS FOR WATER INFILTRATION -
MAXIMUM DESIGN PRESSURE RATING 50 PSF - (SEE
SHEET 2)

FOR CONFIGURATIONS: 1 & 2



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

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

GASKETING DETAILS FOR
WATER INFILTRATION

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

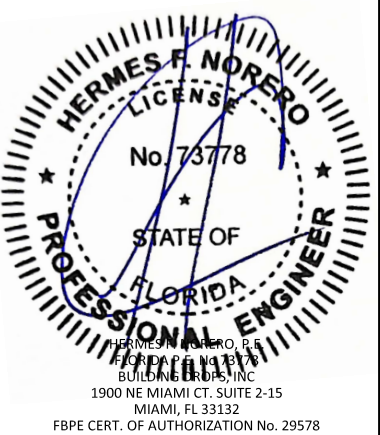
FAX: (954)744-4738

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

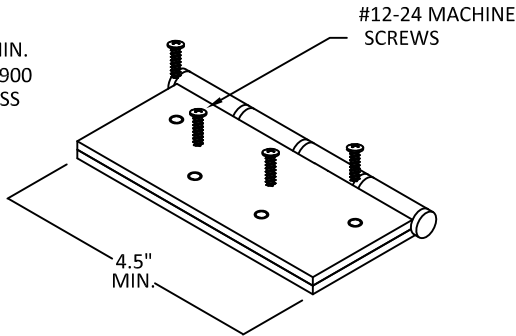
SHEET:

23

OF 34

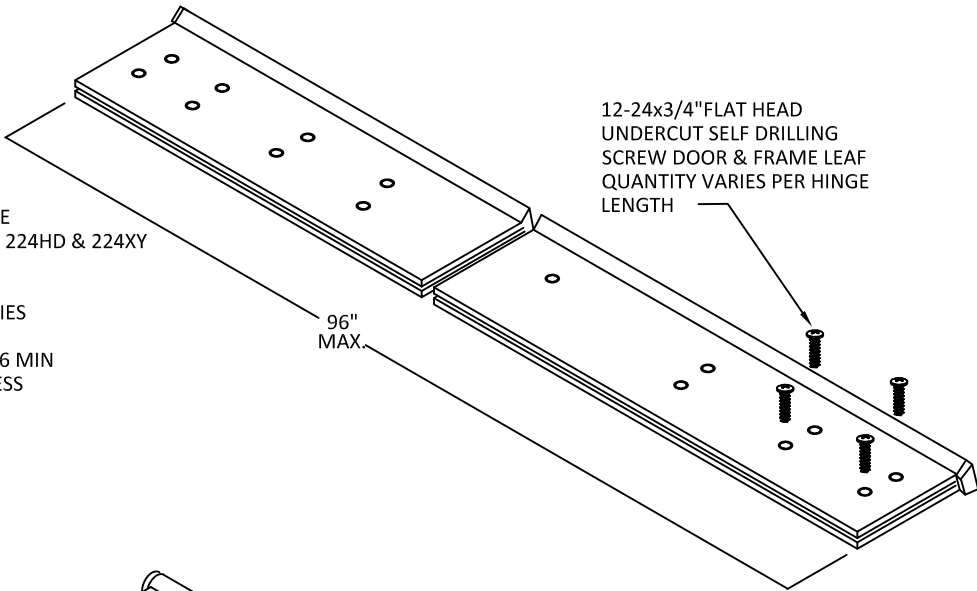
9

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



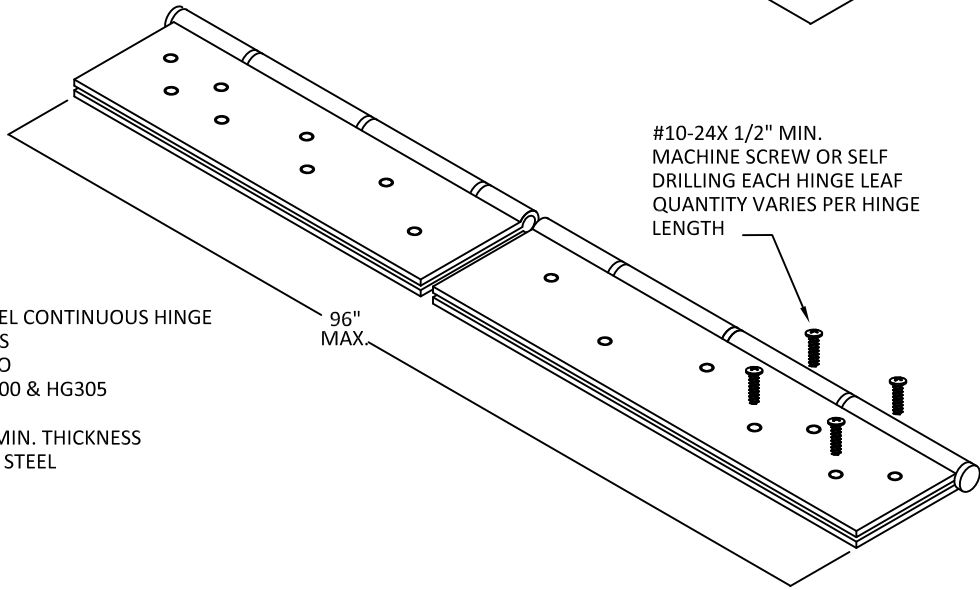
9

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



9

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



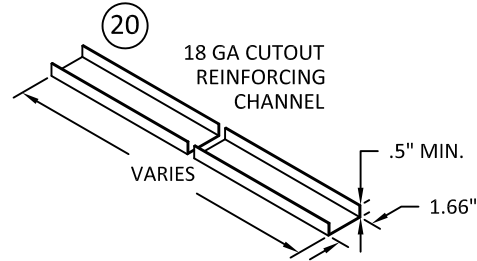
#12-24 MACHINE
SCREWS

12-24x3/4"FLAT HEAD
UNDERCUT SELF DRILLING
SCREW DOOR & FRAME LEAF
QUANTITY VARIES PER HINGE
LENGTH

#10-24X 1/2" MIN.
MACHINE SCREW OR SELF
DRILLING EACH HINGE LEAF
QUANTITY VARIES PER HINGE
LENGTH

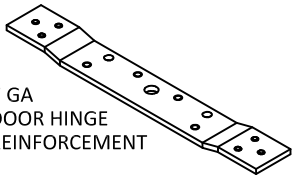
96"
MAX.

96"
MAX.



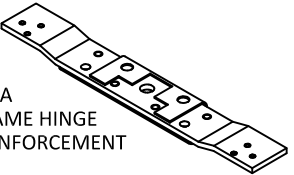
7

7 GA
DOOR HINGE
REINFORCEMENT



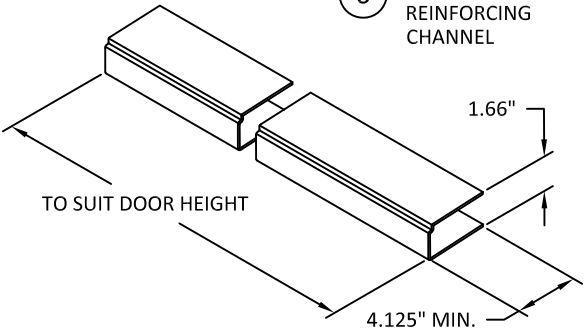
8

7 GA
FRAME HINGE
REINFORCEMENT



6

12 GA HINGE SIDE PANIC
REINFORCING
CHANNEL



- 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.



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

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

HINGES, CHANNELS,
& STRIKE REINFORCEMENTS

PREPARED BY:

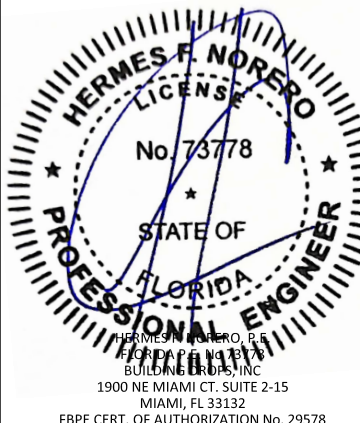
BUILDING DROPS, INC.

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

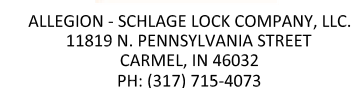
SCALE: NTS

DWG. #: GDDA330

SHEET:

24

OF 34



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

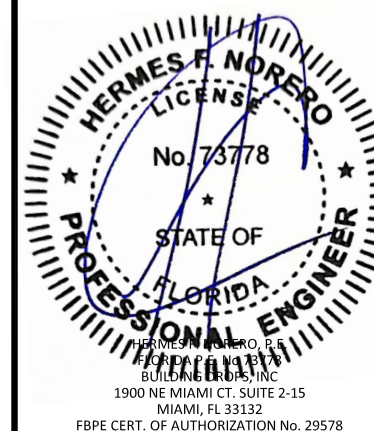
MULLION DETAILS

PREPARED BY:

BUILDING DROPS, INC.
300 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

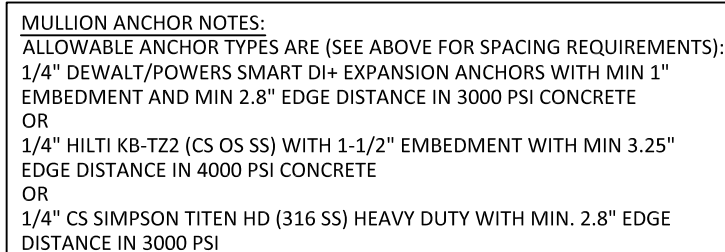


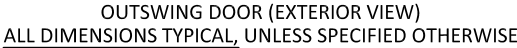
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



SHEET:

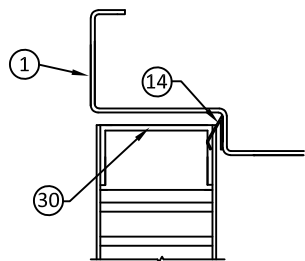
OF 34



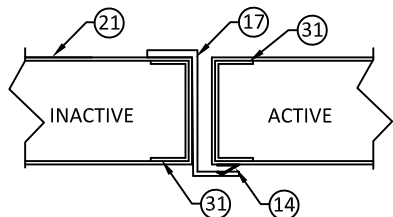


ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE		
1	1	HEAD	.053" MIN. STL	MAX. 100"		
2	1	HARDWARE MULLION USED W/ RIM EXIT OR THREE POINT EXIT DEVICE	STL OR ALUM	MAX. 96" HEIGHT		
3	2	HINGE JAMB	.053" MIN. STL	MAX. 100" HEIGHT		
4	VARIES	LEXAN BY SABIC INNOVATIVE PLASTICS	.25" OR .50"	35.406" X 75.656" MAX.		
		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	.167" 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 CHANNELS		
7B	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.123" MIN. STL	1.375" X 4.5" 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)	.750" MIN.STL / .110 ALUM.	MAX. 95"		
10	2	CORE MATERIAL:				
		D) HONEYCOMB	C) STEEL STIFFENED	SEE SHT. 10		
		A&F) POLYSTYRENE B&F) POLYURETHANE/POLYISOCYANURATE				
		E) MINERAL BOARD TEMPERATURE RISE CORE				
11	2	LOCKING HARDWARE - LOCKSET	SEE SHTS. 2			
12	1	THRESHOLD SILL W/BUMPER GASKET (SHT. 21-23)		96" 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	0.125" ALUM. 6063 T5			
13	NOTE 2, SHT. 1	JAMB ANCHOR	SEE SHTS. 15-19 & 29-33	-		
14	SEE SHTS. 21-23	14A) P5074 DOOR SEAL	TPE	VARIES		
		14B) 188S, 14C) 117S, 14D)8145S, 14E)8150S, 14F) 8042S	SILICONE			
15	-	-	-	-		
16	-	-	-	-		
17	1	17A) 328 SPLIT ASTRAGAL BY ZERO INT'L	SEE SHTS. 21-23	-		
		17B) 137 SPLIT ASTRAGAL BY NGP				
		17C) Z-ASTRAGAL	.067" MIN. STL	96" MAX.		
18	AS NEEDED	CAULK - BUTYL RUBBER OR SILICONE	SEE SHTS. 21-23	-		
19	AS NEEDED	GLAZING HOLDING TRIM SEE SHT. 14		0.032" MIN. STL.	VARIES - EXPOSED GLASS MAX SEE SHTS. 13 & 14 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	2	DOOR SLAB (16 OR 14 GA)	SEE SHT. 28	3' X 7' OR 4' BY 8' MAX		
23	SEE SHEETS 21-23	202N DOOR SWEEP BY NGP	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL		
24	SEE SHEETS 23-23	24A) 139 DOOR SWEEP BY ZERO INT'L SEE SHTS. 21-23	TPE	MAX 96" FOR VERTICAL MAX 48" FOR HORIZONTAL		
		24B) 328 DOOR SWEEP BY ZERO INT'L SEE SHT. 21-23				
25	SEE SHEETS 21-23	25A) 475 ADJUSTABLE SEAL BY ZERO INT'L	TPE	MAX 104"		
		25B) 170N ADJUSTABLE SEAL BY NGP				
26	SEE SHEET 23	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHT. 23	MAX. 36 " OR 48"		
		26B) 11 RAIN DRIP BY ZERO INT'L				
29	2	IVES 360 SURFACE BOLT - TOP & BOTTOM INACTIVE LEAF COFIG. 1 & 2	STEEL	12" MIN. - 24" MAX. LENGTH		
		IVES 453 12" SURFACE BOLT	-	-		
		IVES 1630 12" SURFACE BOLT	-	-		
30	4	END CHANNEL (16 GA - INVERTED OR FLUSH)	.053" MIN. STL	.62" X 1.677"		
31	4	EDGE CHANNEL REINFORCEMENT (16GA)	.053" MIN. STL	.62" X 1.677"		

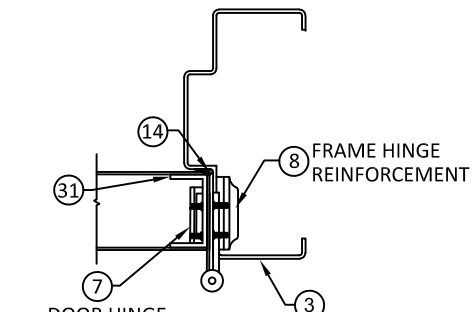




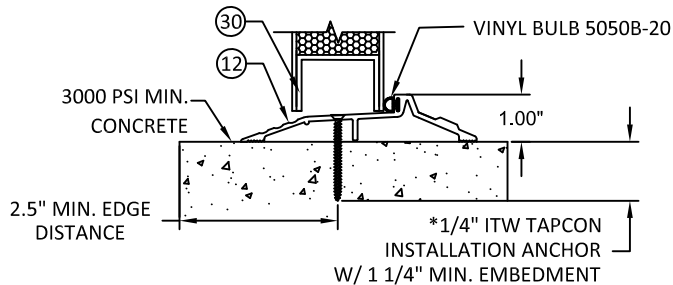
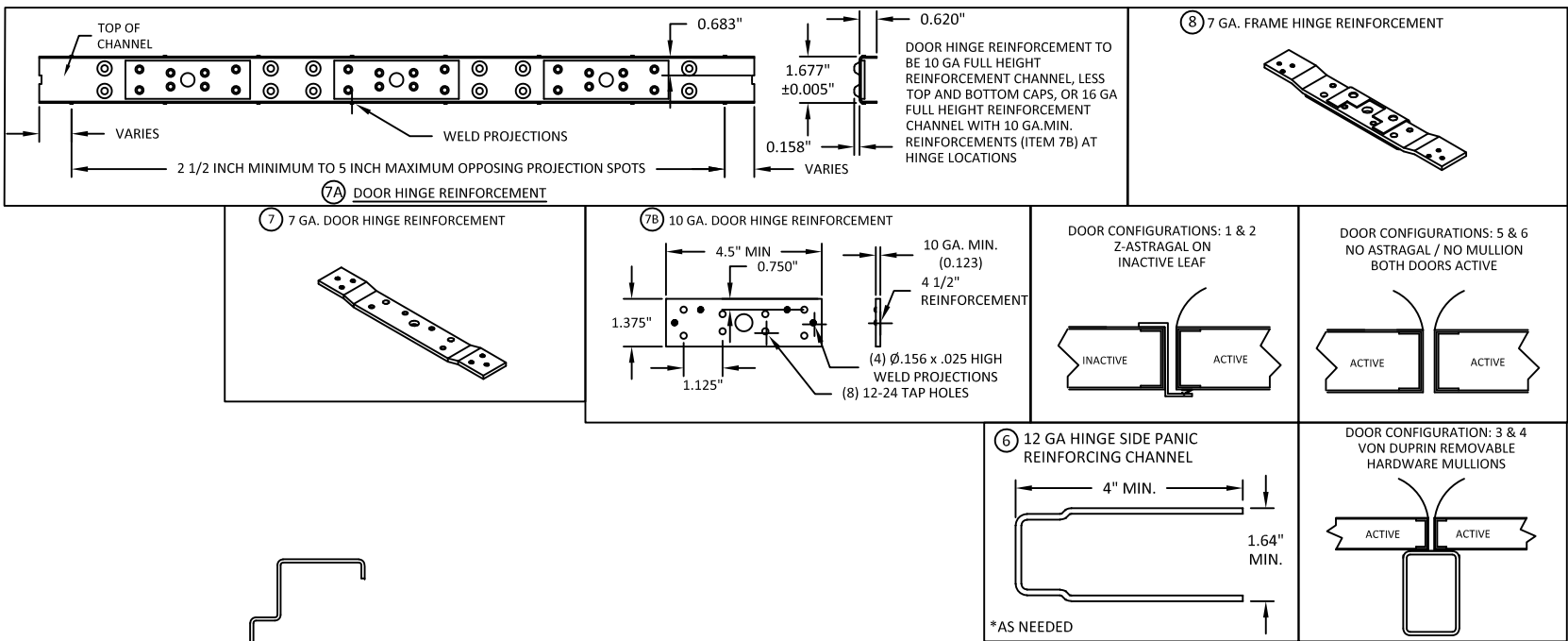
TOP OF DOOR



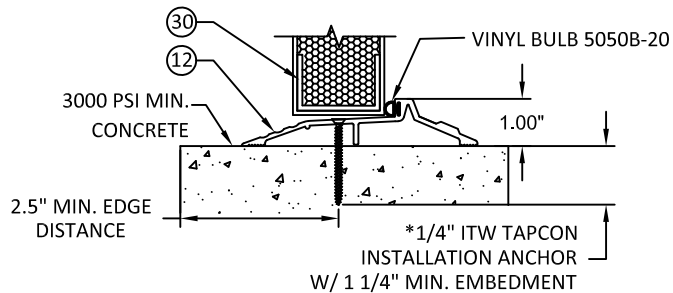
MEETING EDGES OF DOORS WITH ASTRAGAL



HINGE SIDE



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.



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

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

REPUBLIC DOORS: SILL &
REINFORCEMENT 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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

27

OF 34

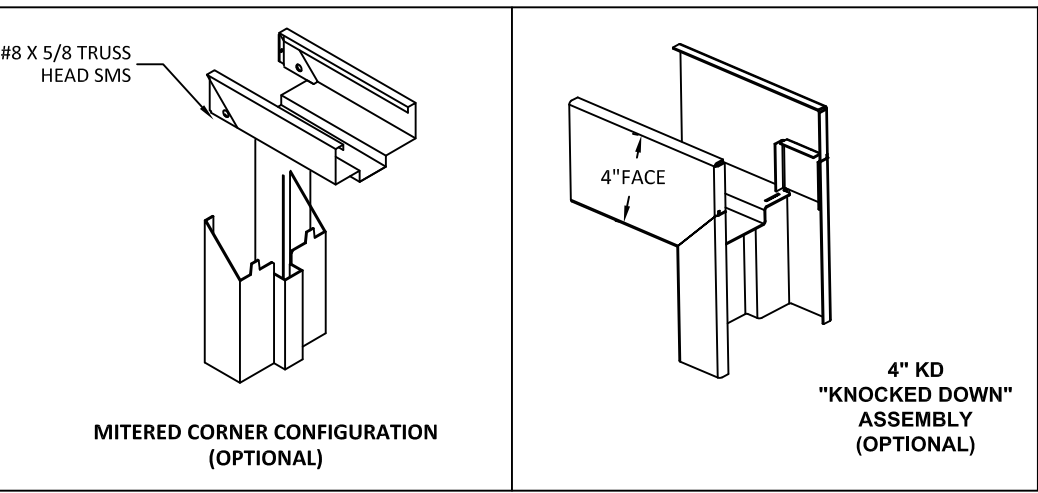
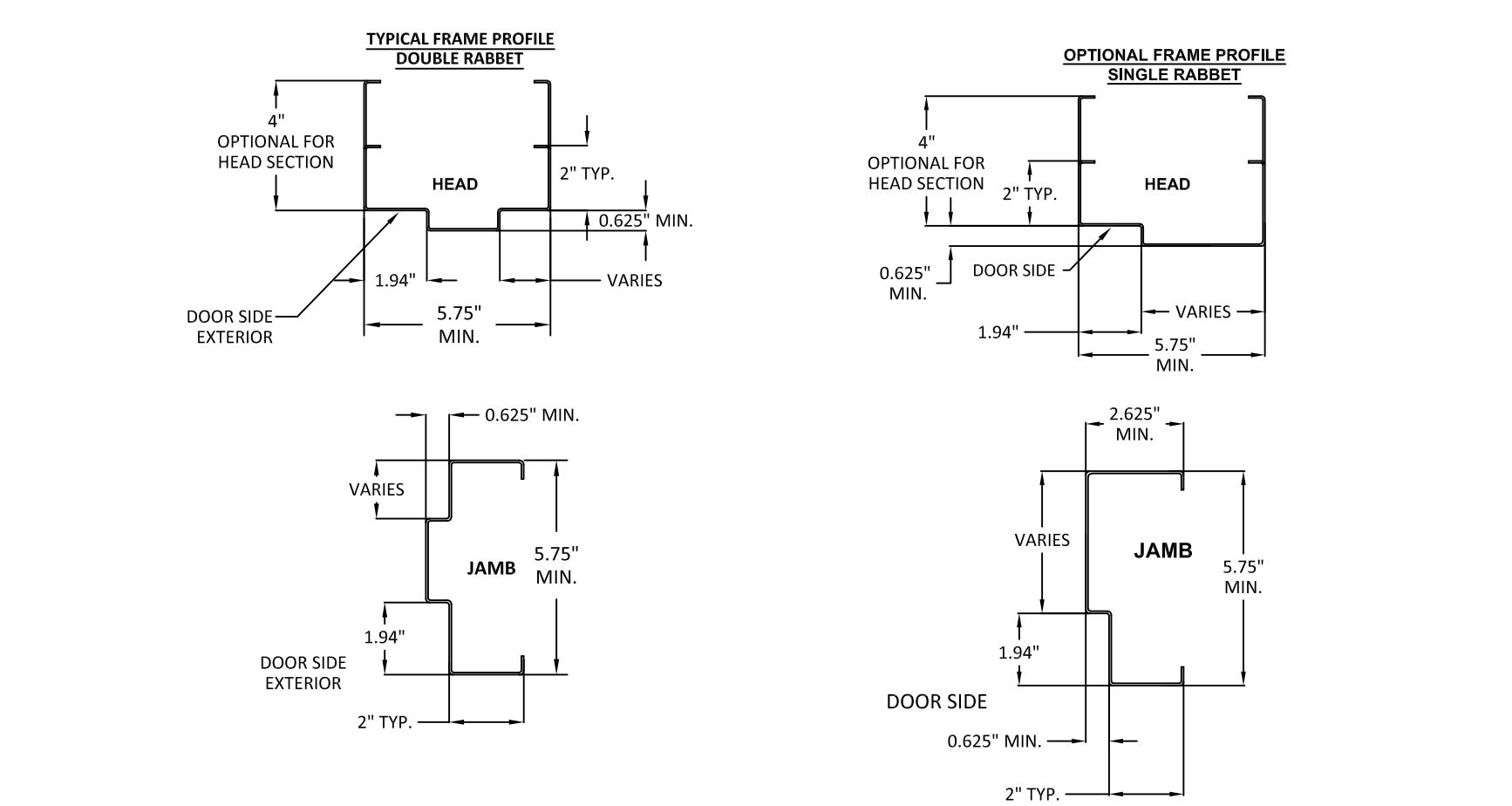
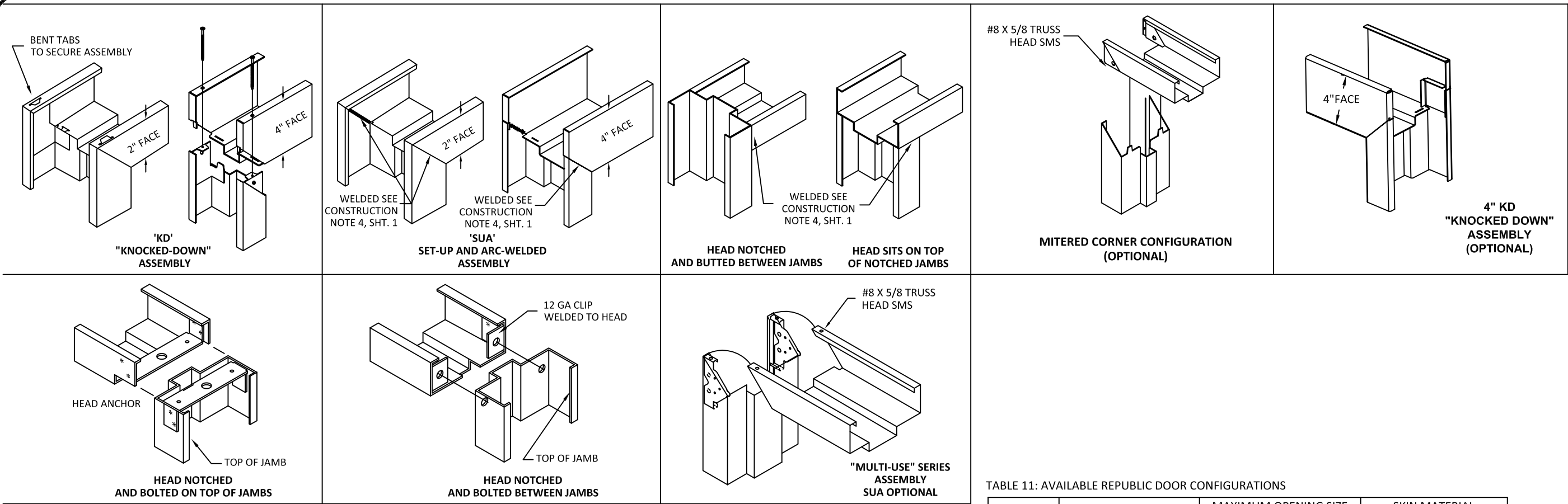


TABLE 11: AVAILABLE REPUBLIC DOOR CONFIGURATIONS

REPUBLIC DOOR SERIES	DOOR CORE MATERIAL PER SHT. 10	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
DL	HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	8'-0"	8'-0"	CRS. GALV.	18/.044"
DE		8'-0"	8'-0"	CRS. GALV.	14/.067"
DP	HONEYCOMB POLYSTYRENE	8'-0"	8'-0"	CRS. GALV.	18/.044"

TABLE 12: AVAILABLE REPUBLIC FRAME CONFIGURATIONS

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

TABLE 13: STEEL MECHANICAL PROPERTIES

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



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

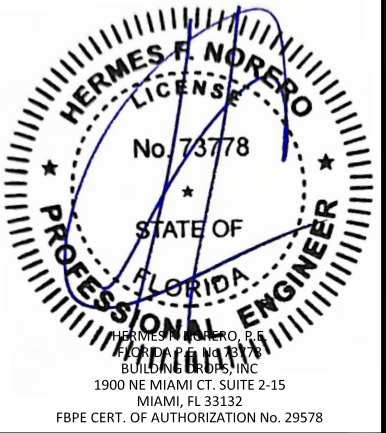
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
REPUBLIC DOORS: FRAME DETAILS &
CORNER CONSTRUCTION

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.



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: **04.26.23**

DWG. BY: **DI** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **GDDA330**

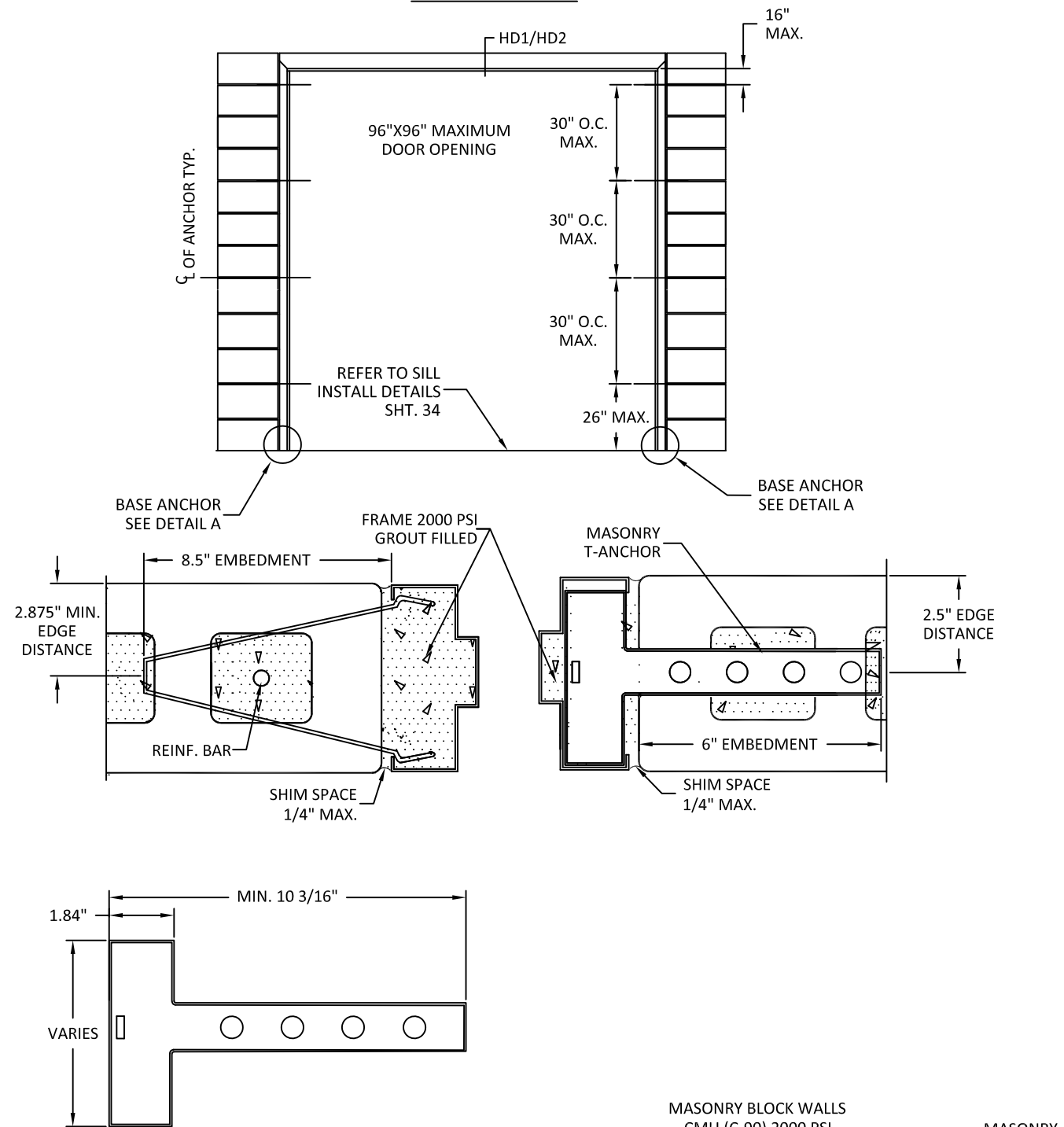
SHEET:

28

OF 34

1

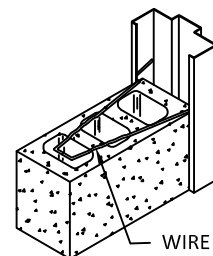
WIRE OR T MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL



NOTES:

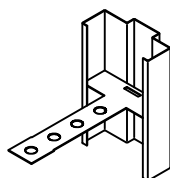
- 1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 208 #/FT. LOAD FOR ASSEMBLIES RATED @ 50 PSF WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
- 2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, 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.

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



WIRE ANCHOR Ø3/16" BRIGHT
BASIC WIRE 5.19" X 9.56"
WIRE MASONRY ANCHOR Fultim
MIN.=58 KSI Fy MIN.=36 KSI

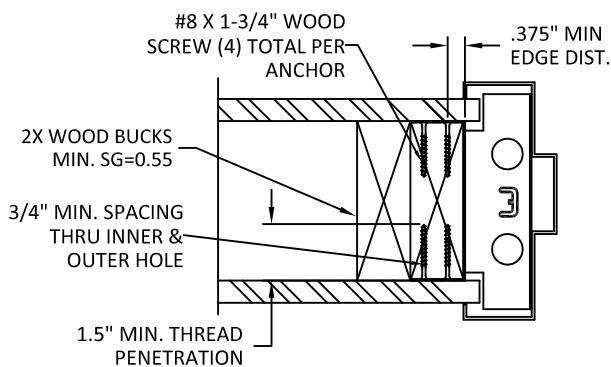
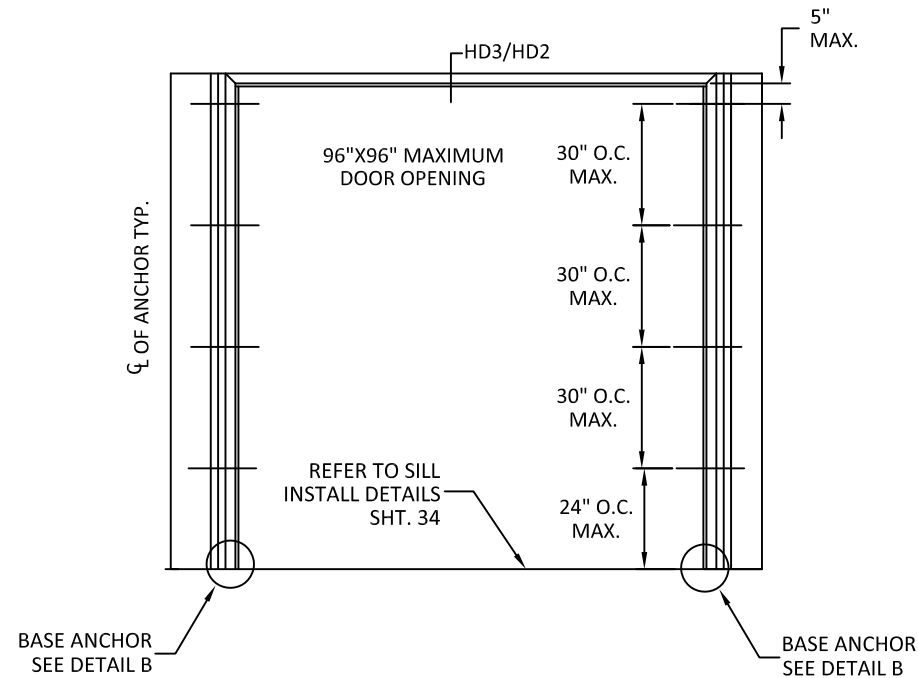
MASONRY
T-ANCHOR



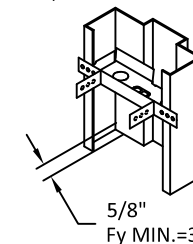
2

WOOD STUD ANCHOR

SEE PAGE 15 FOR
OPTION 1 ANCHOR DETAILS

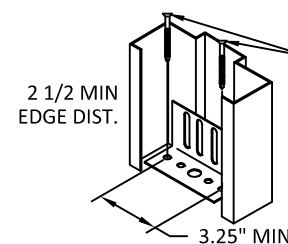


WOOD STUD OR UNIVERSAL ANCHOR
(LOCK-IN OR WELD-IN)



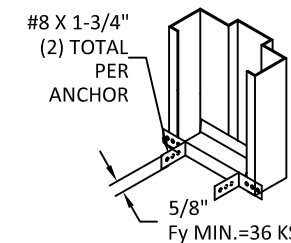
*WOOD STUD WALLS
SEE NOTE 11, SHT. 1

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)

DETAIL B
JAMB BASE ANCHOR
(WELDED OR ADJUSTABLE)



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

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

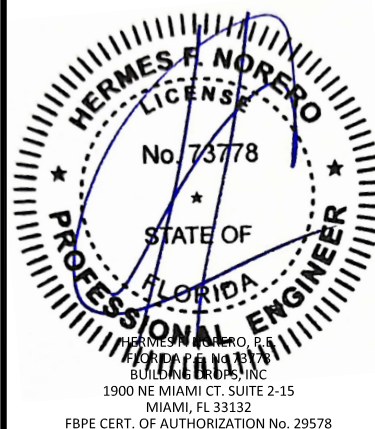
REPUBLIC DOORS: ANCHORS - WIRE OR
T MASONRY ANCHOR & WOOD STUD

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

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

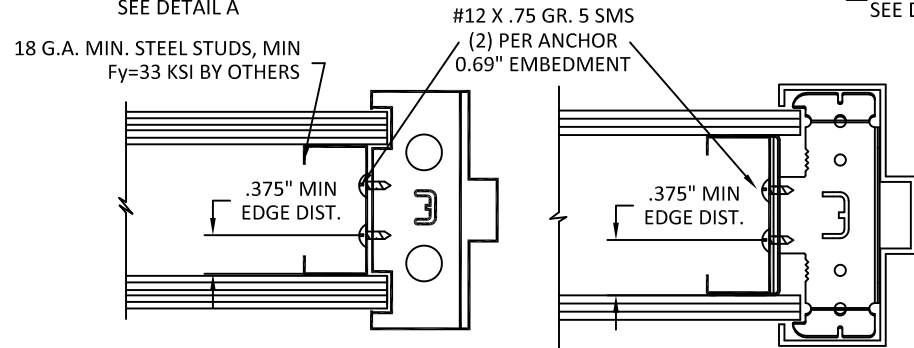
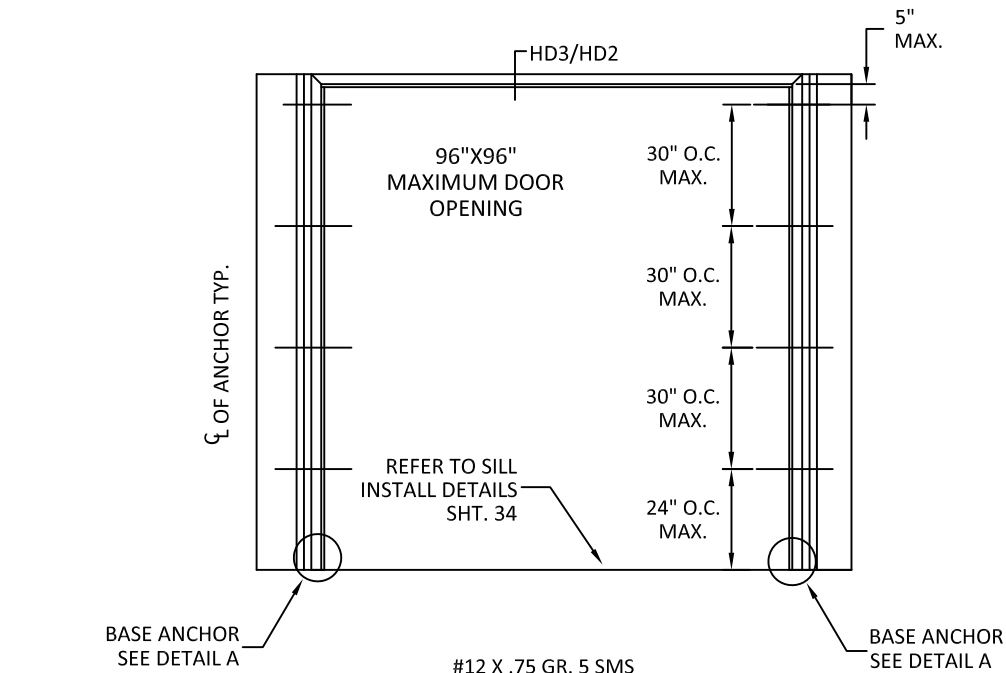
DWG. #: GDDA330

SHEET:

29

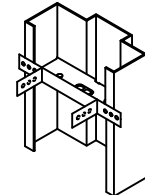
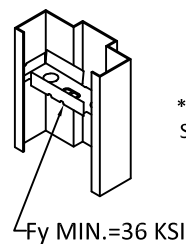
OF 34

3 STEEL STUD ANCHOR

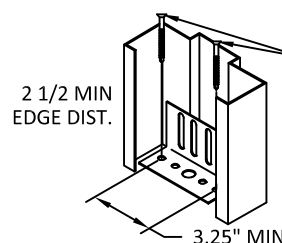


STEEL STUD ANCHOR
WELD-IN OR LOCK-IN

UNIVERSAL ANCHOR
WELD-IN OR LOCK-IN



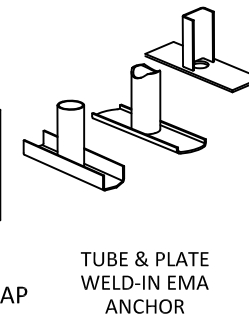
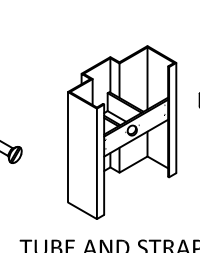
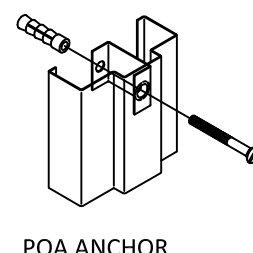
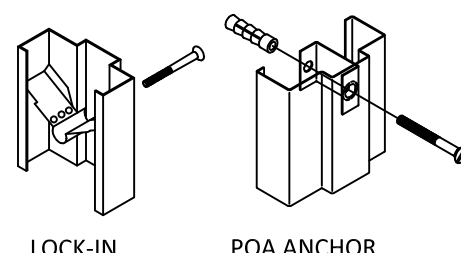
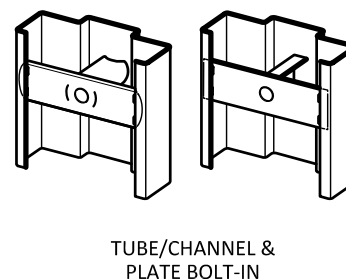
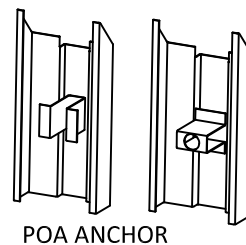
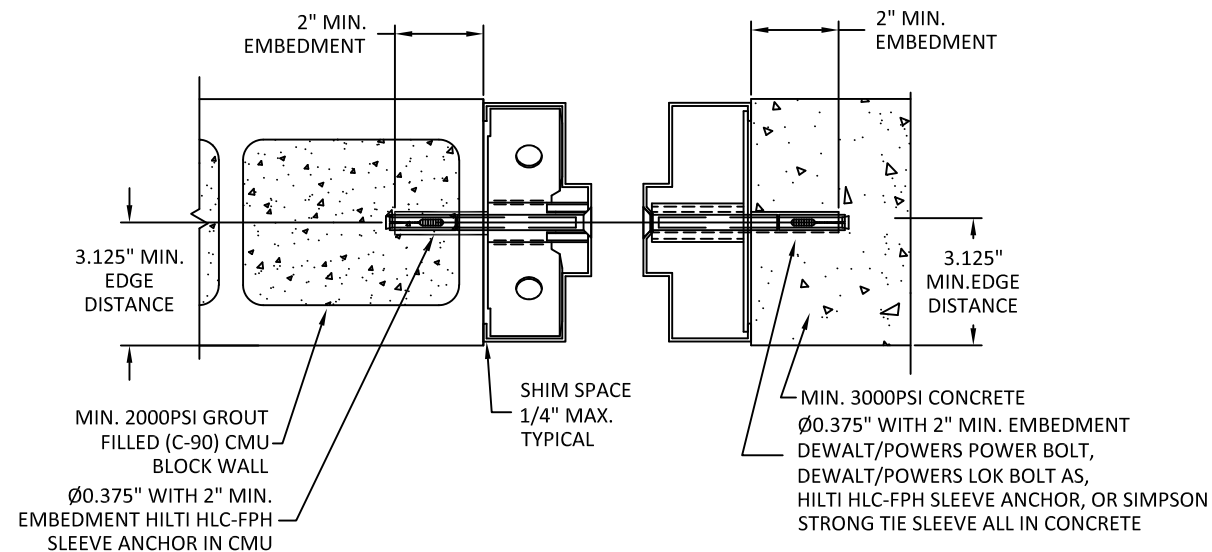
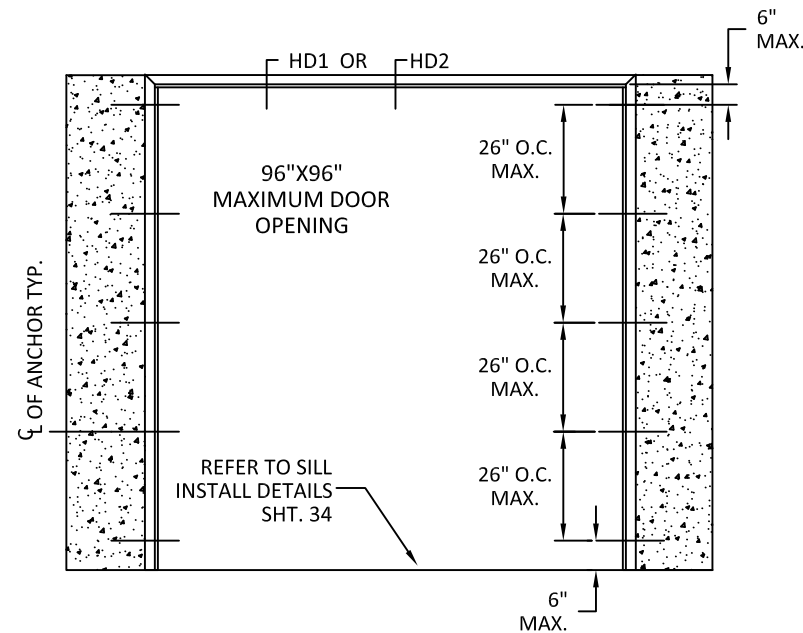
DETAIL A
JAMB BASE ANCHOR
(INTO CONCRETE)



(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)

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.

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



SEE PAGES 16 FOR
OPTION 1 ANCHOR DETAILS



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

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

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

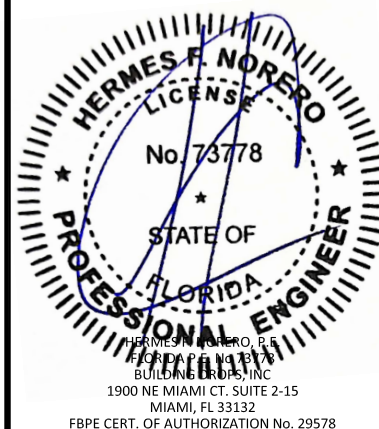
PREPARED BY:
BUILDING DROPS, INC.

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

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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

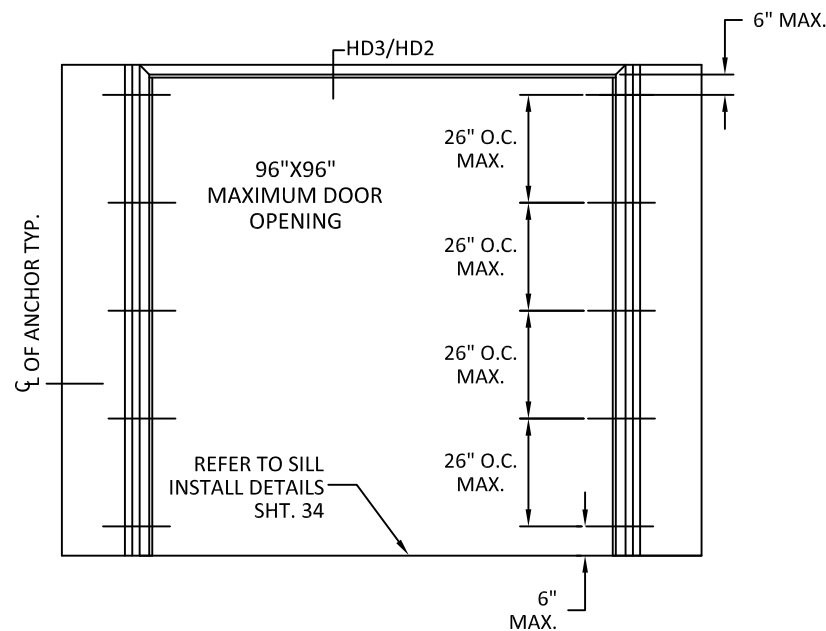
SHEET:

30

OF 34

5

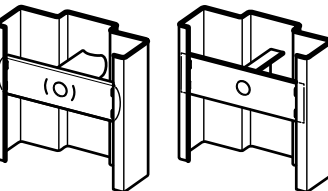
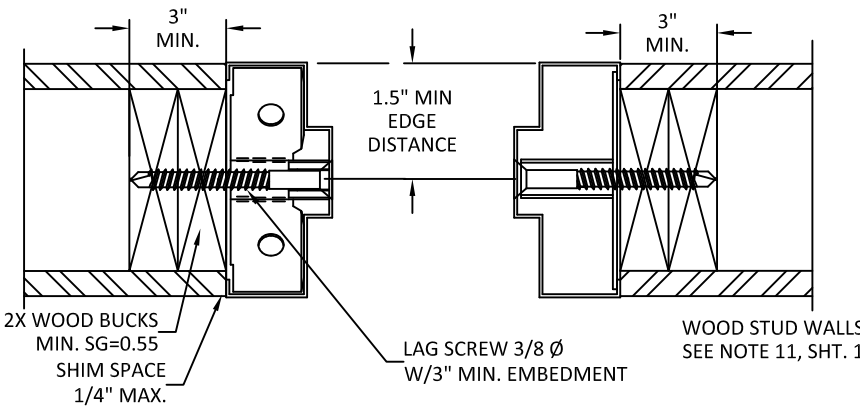
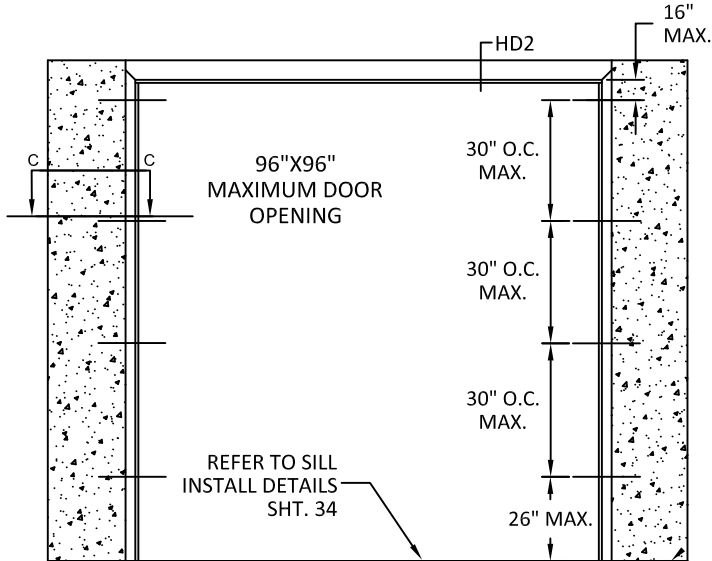
PREPARED OPENING ANCHOR (POA) WITH LAG BOLT INTO WOOD STUD WALL



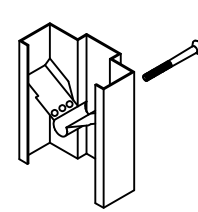
6

POURED CONCRETE TILT UP WALL

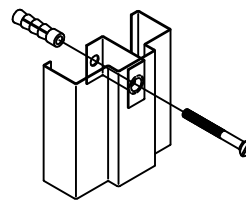
SEE PAGES 17 FOR OPTION 1 ANCHOR DETAILS



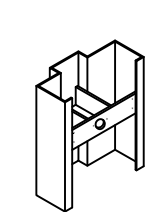
TUBE/CHANNEL & PLATE BOLT-IN



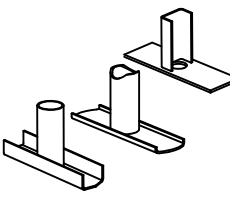
LOCK-IN



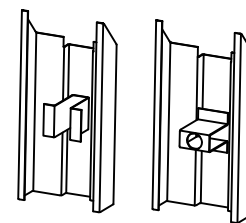
POA ANCHOR



TUBE AND STRAP

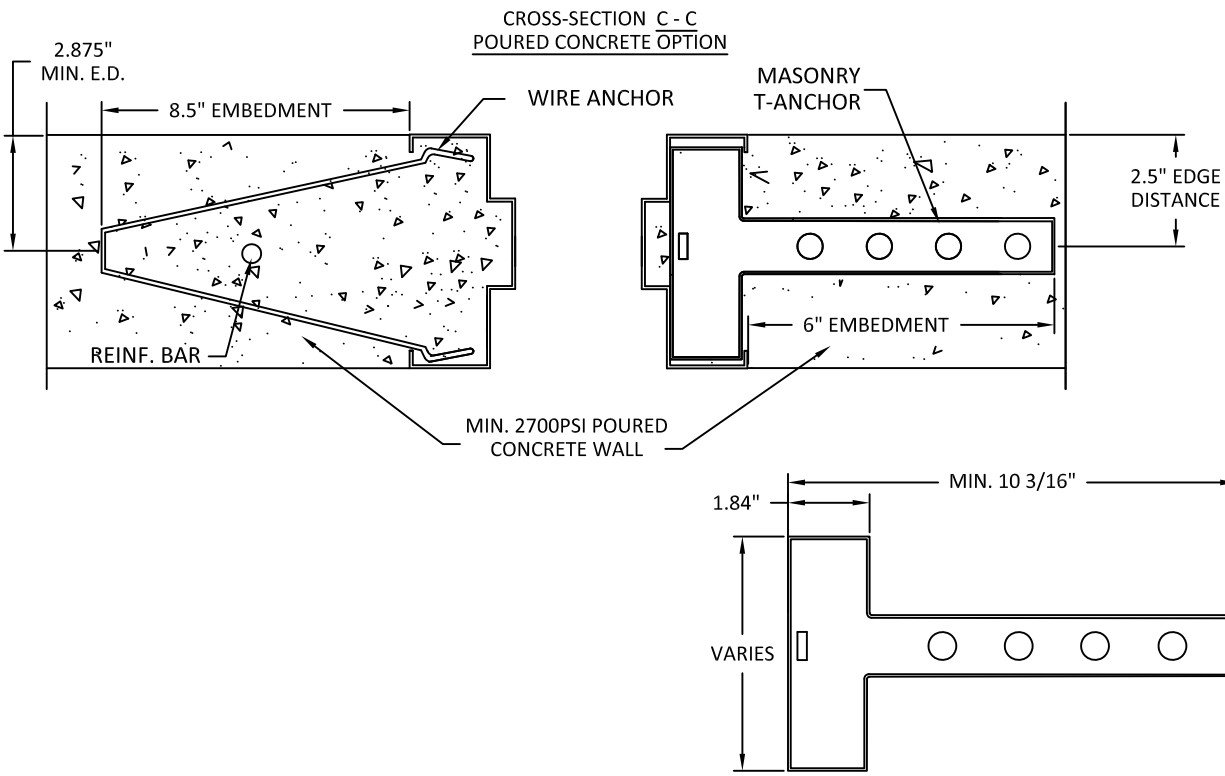


TUBE & PLATE WELD-IN EMA ANCHOR

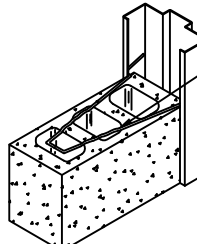


POA ANCHOR

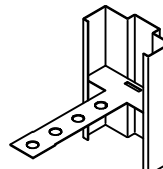
NOTE:
1. 3/8" LAG SCREWS TO BE MIN SAE GRADE 2 OR EQUIVALENT.



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



WIRE ANCHOR Ø3/16"
BRIGHT BASIC WIRE
5.19" X 9.56"
WIRE MASONRY
ANCHOR Fultim
MIN.=58 KSI Fy
MIN.=36 KSI



MASONRY T-ANCHOR


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

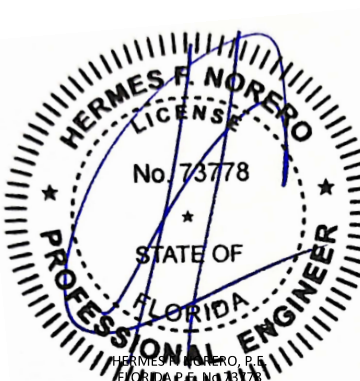
TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE DOORS
(NON-HVHZ)(NON-IMPACT)
REPUBLIC DOORS: ANCHORS - EMA W/ LAG
BOLT IN WOOD STUD WALL &
POURED CONCRETE TILT UP WALL

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

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.


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: **04.26.23**

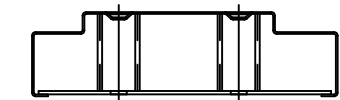
DWG. BY: DI	CHK. BY: HFN
-----------------------	------------------------

SCALE: **NTS**

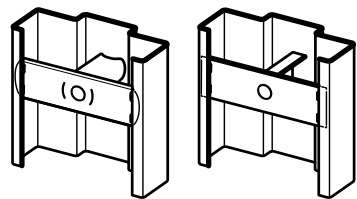
DWG. #: **GDDA330**

SHEET:
31
OF 34

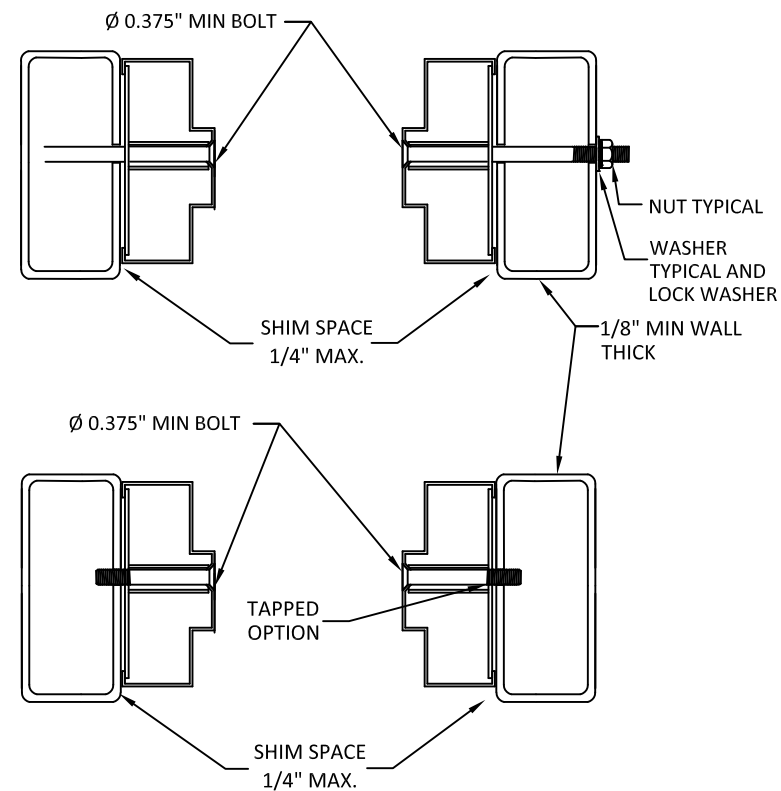
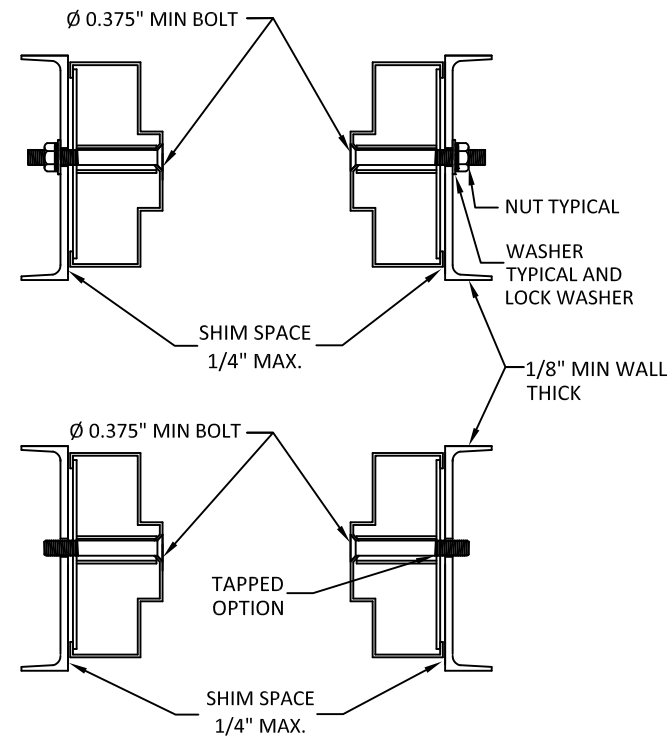
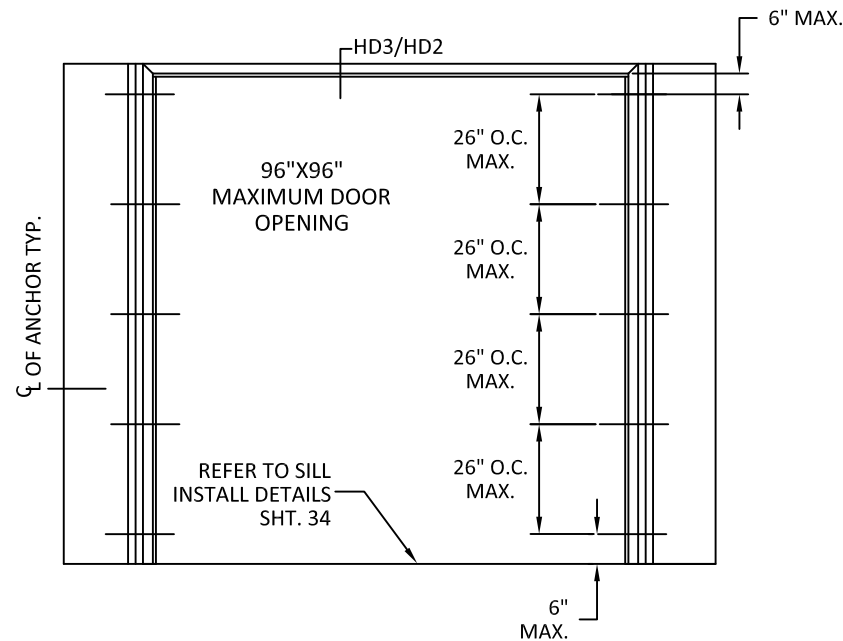
7 FRAMES BOLTED TO BUILDING STRUCTURE



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.
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) 715-4073

TITLE: GLAZED OUTSWING/INSWING
COMMERCIAL STEEL DOUBLE 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
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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

32

OF 34

SEE PAGES 19 FOR
OPTION 1 ANCHOR DETAILS



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

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

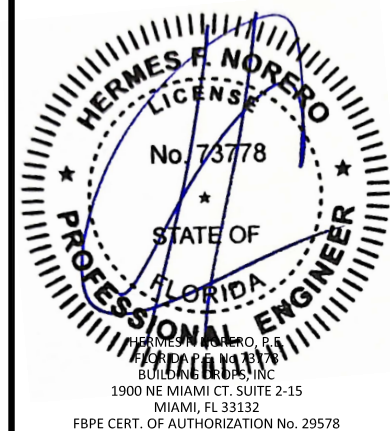
REPUBLIC DOORS: ANCHORS - FRAMES
WELDED TO STEEL STRUCTURE BUILDING

PREPARED BY:
BUILDING DROPS, INC.



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: 04.26.23

DWG. BY: DI	CHK. BY: HFN
-----------------------	------------------------

SCALE: **NTS**

DWG. #: GDDA330

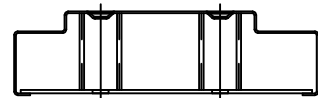
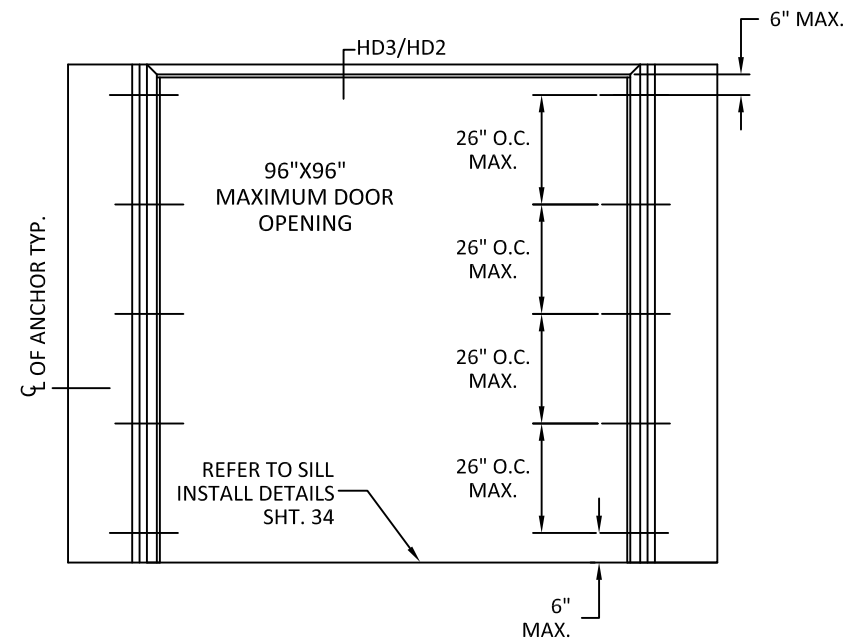
SHEET:

33

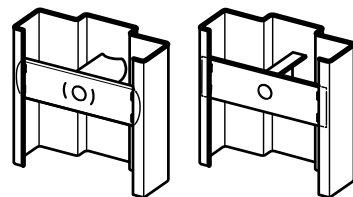
OF 34

WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE

8



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

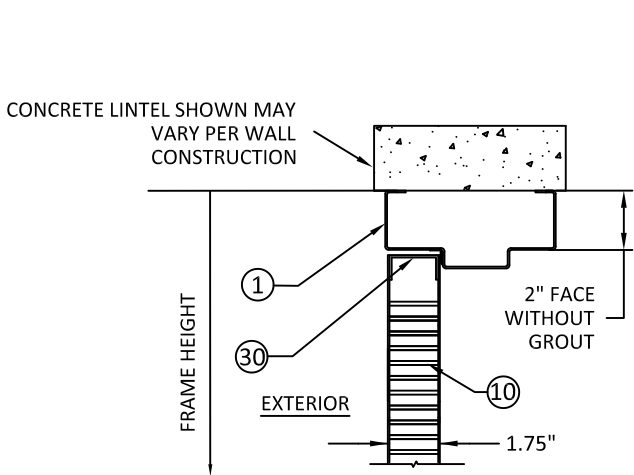


TUBE/CHANNEL &
PLATE BOLT-IN

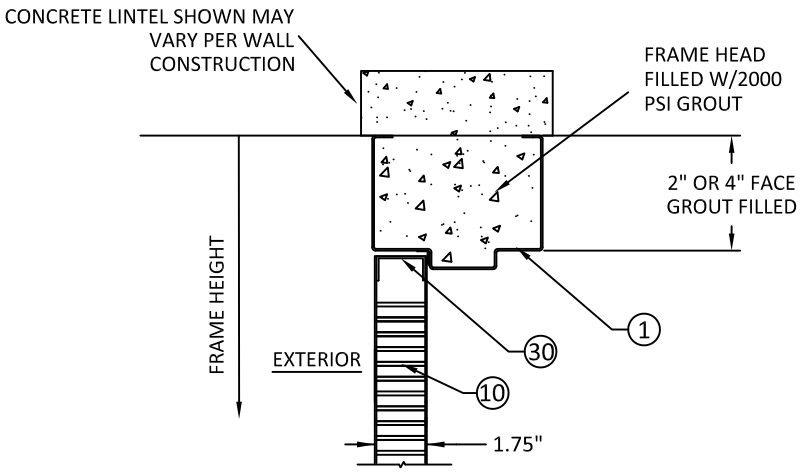
NOTES:

1. (*) WOOD OR (*) STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD 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.

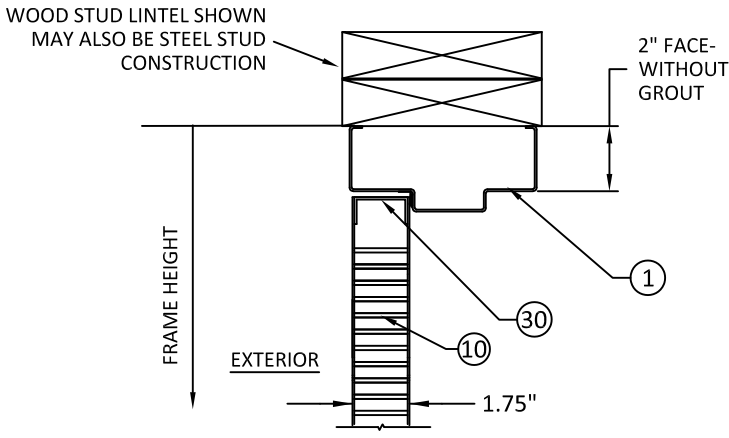
SEE PAGE 20 FOR
OPTION 1 ANCHOR DETAILS



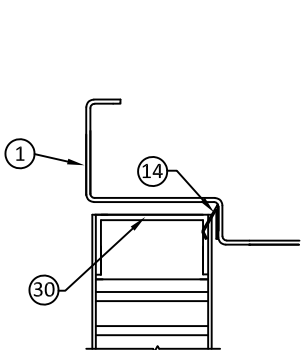
HD1 - FRAME HEAD SECTION



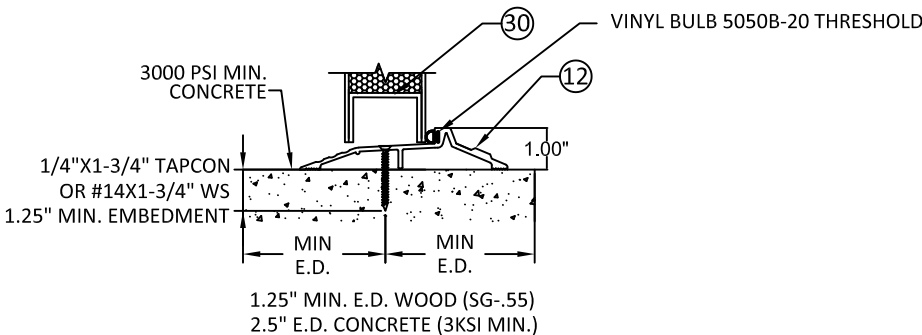
HD2 - FRAME HEAD SECTION



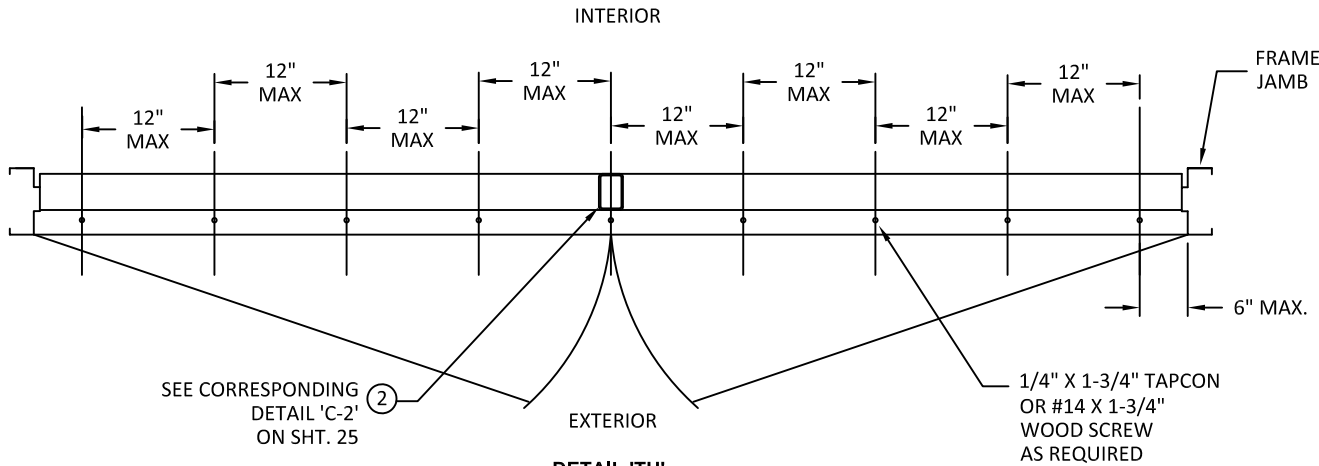
HD3 - FRAME HEAD SECTION



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 DOUBLE 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: 04.26.23

DWG. BY:
DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: GDDA330

SHEET:

34

OF 34