

ALLEGION - SCHLAGE LOCK COMPANY, LLC.

DOUBLE FLUSH OUTSWING COMMERCIAL STEEL DOORS (HVHZ) (IMPACT)

GENERAL NOTES:

1. THESE PRODUCTS COMPLY WITH THE CURRENT FLORIDA BUILDING CODE AND HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202, & 203-94.

NOTES:

1. WEATHERSTRIPPING AND SILL - INSTALL PER SHT. 8.
2. ANCHOR REQUIREMENTS: SEE SHTS. 5-7, 14, 15 & 19-23 FOR APPROVED ANCHOR INSTALLATION REQUIREMENTS.
3. HINGE REQUIREMENTS: 4.5" STD WT. MIN.
FOR DOOR OPENING UP TO 90" HIGH - MIN (3) HINGES
FOR DOOR OPENING OVER 90" - 96" HIGH - MIN (4) HINGES
STD LOCATIONS: 7.125" MIN. - 9.75" MIN. 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
SEE SHT. 4 FOR APPROVED CONTINUOUS HINGE MODELS
4. SEE SHTS. 2, 3 & 16 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
6. 4" FACE HEAD IS AVAILABLE.
7. APPLY CAULK AS NEEDED.
8. SEE SHT. 11 FOR SECTION A-A, SEE SHT. 12 FOR SECTIONS B-B
9. PN MODEL OFFERED.
10. 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.
11. OPTIONAL POWER TRANSFERS, MONITORING SWITCHES, SUPPLEMENTARY MAGNETIC LOCKS MAY BE USED AS ALLOWED BY CODE AND IT DOES NOT EFFECT THE MECHANICAL PROPERTIES OF EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
12. ITEMS 19 THROUGH 23 ARE OPTIONAL SEALS, HOWEVER DO NOT SERVE TO MAKE THE DOOR WATER RATED. SEE SHT. 8
13. QUANTITY OF SEALS WILL INCREASE WHEN USED WITH HOLLOW METAL MULLION. SEE SHT. 8 FOR DETAILS.

CONSTRUCTION NOTES:

1. DOOR CONSTRUCTION
- 1.1. NOMINAL DOOR THICKNESS - 1 3/4"
- 1.2. DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS
- 1.3. ALL DOORS ARE FLUSH - NO LITES OR LOUVERS APPROVED
- 1.4. DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN RATING OF +/- 75 PSF OR LESS. MAXIMUM 9/16" DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION. MAXIMUM 2 VIEWERS PER DOOR.
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 6, SHT. 9). REPUBLIC DOOR FRAME OPTIONS AVAILABLE AS ME-SERIES AND SE-SERIES (SEE TABLE 10 SHT. 18).
3. FOR STEELCRAFT DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7, SHT. 9. FOR REPUBLIC DOORS DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 11 SHT. 18.
4. FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 9 & 18 FOR DETAIL.

DESIGN PRESSURE RATING		
CONFIG.	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
CONFIG. 1	SEE NOTE 7, SHT. 2	+/- 100 PSF
CONFIG. 2	SEE NOTE 7, SHT. 2	+/- 70 PSF

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & DESIGN PRESSURE TABLE
2	STEELCRAFT ELEVATIONS
3	STEELCRAFT OPENING DIMENSIONS & BOM
4	REINFORCEMENT & HINGE DETAILS
5	ANCHORS: STEELCRAFT UP TO 75PSF
6	ANCHORS: STEELCRAFT UP TO 75PSF CONT.
7	ANCHORS: STEELCRAFT UP TO 90PSF
8	GASKETING DETAILS - PERIMETER SEAL & WEATHER STRIPPING
9	FRAME DETAILS & CORNER CONSTRUCTION
10	PANIC DEVICE LOCKING HARDWARE DETAILS
11	HORIZONTAL SECTION VIEWS
12	VERTICAL SECTION VIEWS
13	CORE & MULLION DETAILS
14	ANCHORS: STEELCRAFT UP TO 100PSF
15	ANCHORS: STEELCRAFT UP TO 100PSF CONT.
16	REPUBLIC DOORS: OPENING DIMENSIONS & BOM
17	REPUBLIC DOORS: REINFORCEMENT & HINGE DETAILS
18	REPUBLIC DOORS: FRAME DETAILS & CORNER CONSTRUCTION
19	ANCHORS: REPUBLIC UP TO 75PSF
20	ANCHORS: REPUBLIC UP TO 75PSF CONT.
21	ANCHORS: REPUBLIC UP TO 90PSF
22	ANCHORS: REPUBLIC UP TO 100PSF
23	ANCHORS: REPUBLIC UP TO 100PSF CONT.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

GENERAL NOTES &
DESIGN PRESSURE TABLE

PREPARED BY:

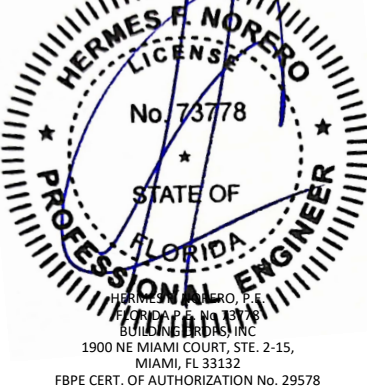
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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: 2024.12.10 16:21:29 -0500



FL #:

FL20736

DATE: 10.08.2024

DWG. BY:
JA

CHK. BY:
HN

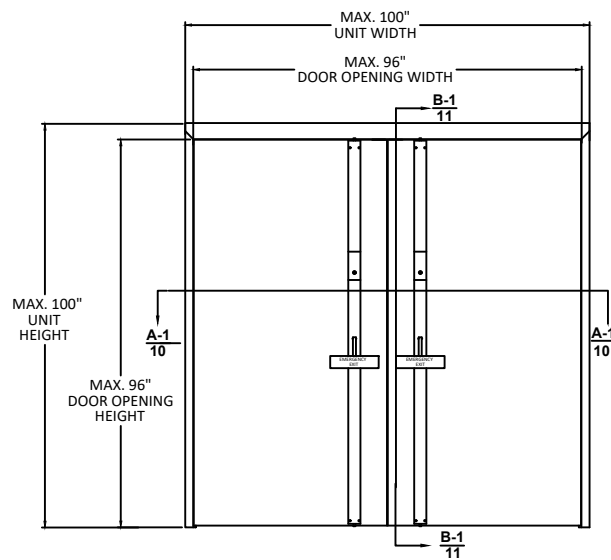
SCALE: NTS

DWG. #: PL 2016-DF

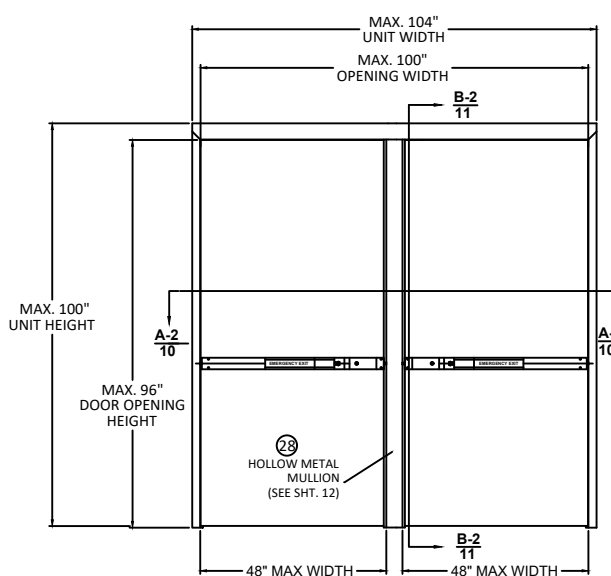
SHEET:

1

c:\users\julianalexander\building drops, inc\building drops landing - common\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg 12/18/2024 1:00 PM



VERTICALLY MOUNTED PANIC DEVICE



HORIZONTALLY MOUNTED PANIC DEVICE
FIXED HOLLOW METAL MULLION

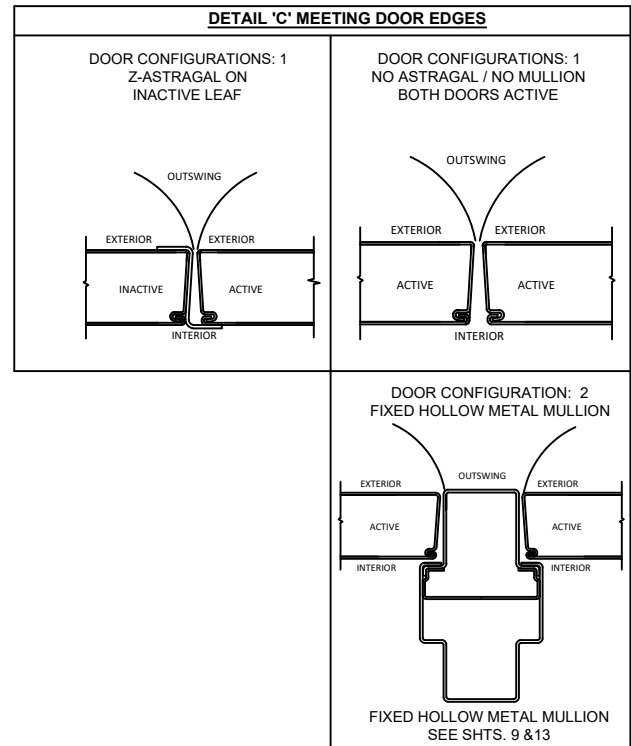


TABLE 1.

DOOR CONFIGURATION	MAXIMUM DESIGN PRESSURE, PSF		MAXIMUM DOOR OPENING SIZE, IN.		IMPACT RATING	MULLION	LOCKING HARDWARE DESCRIPTION			
	POSITIVE	NEGATIVE	WIDTH	HEIGHT		DESCRIPTION	HARDWARE FAMILY	MODEL/SERIES	STRIKE MODELS	BRAND
1	100	100	96	96	LARGE MISSILE IMPACT 50 F/S	-	VERTICALLY MOUNTED PANIC DEVICE	THPA(H) 70, 80 SERIES	NONE	POSITIVE-LOK
2	70	70	100	96		FIXED HOLLOW METAL MULLION	HORIZONTALLY MOUNTED PANIC DEVICE	THPA(H) 30, 36, 40 SERIES	NONE	POSITIVE-LOK

NOTES:

1. INTERIOR VIEWS ARE SHOWN FOR ALL ELEVATIONS
2. SEE TABLE 1 ON SHEET 2 FOR HARDWARE APPLICATIONS AND LIMITATIONS
3. SEE SHEETS 1, 3 & 4 FOR HINGE REQUIREMENTS
4. SEE SHEETS 5-7, 14, 15 & 19-23 FOR ANCHORING TYPES AND LIMITATIONS
5. SEE SHEET 7 FOR WEATHERSTRIPPING INSTALLATION DETAILS AND LIMITATIONS
6. SEE SHEETS 5-7, 14, 15 & 19-23 FOR SILL INSTALLATION DETAILS
7. DOOR IS NOT APPROVED FOR WATER INFILTRATION RESISTANCE, IF DOOR IS TO BE INSTALLED WHERE WATER INFILTRATION RESISTANCE IS REQUIRED, THE DOOR SHALL BE PROTECTED BY AN OVERHANG WITH A MINIMUM OVERHANG (O.H.) RATIO OF 1.0, WHERE O.H. RATIO = O.H. LENGTH / O.H. HEIGHT, IN WHICH CASE THE FULL DESIGN PRESSURE RATING APPLIES.
8. ALL CONFIGURATIONS MEET LARGE AND SMALL MISSILE IMPACT REQUIREMENTS - LARGE MISSILE IMPACT AT 50 F/S
9. SEE SHEETS 10-12 FOR LOCKING HARDWARE DETAILS.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

STEELCRAFT ELEVATIONS

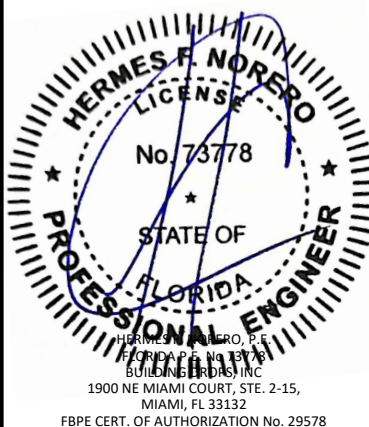
PREPARED BY:

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



REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY: JA CHK. BY: HN

SCALE: NTS

DWG. #: PL 2016-DF

SHEET:

c:\users\julianalexander\building drops, inc\building drops landing - common\projects\allegion\fbp-submittal - f20736 drawing format-update\dwgs\fbp-double-pl 2016-df.dwg 12/18/2024 1:00 PM

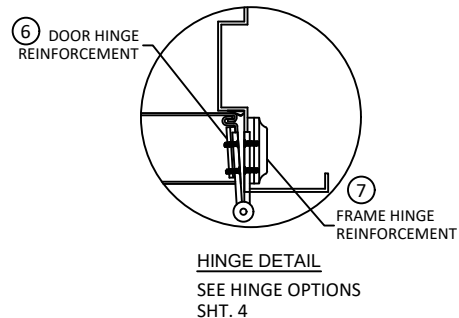
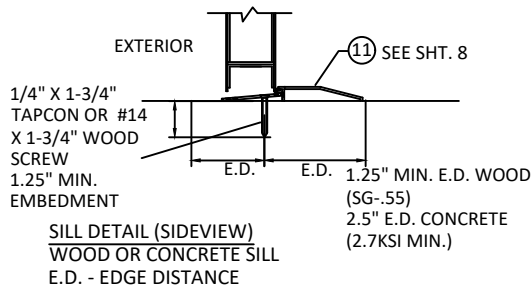
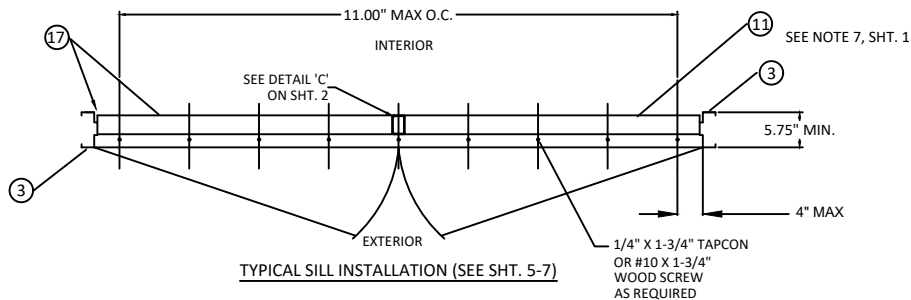
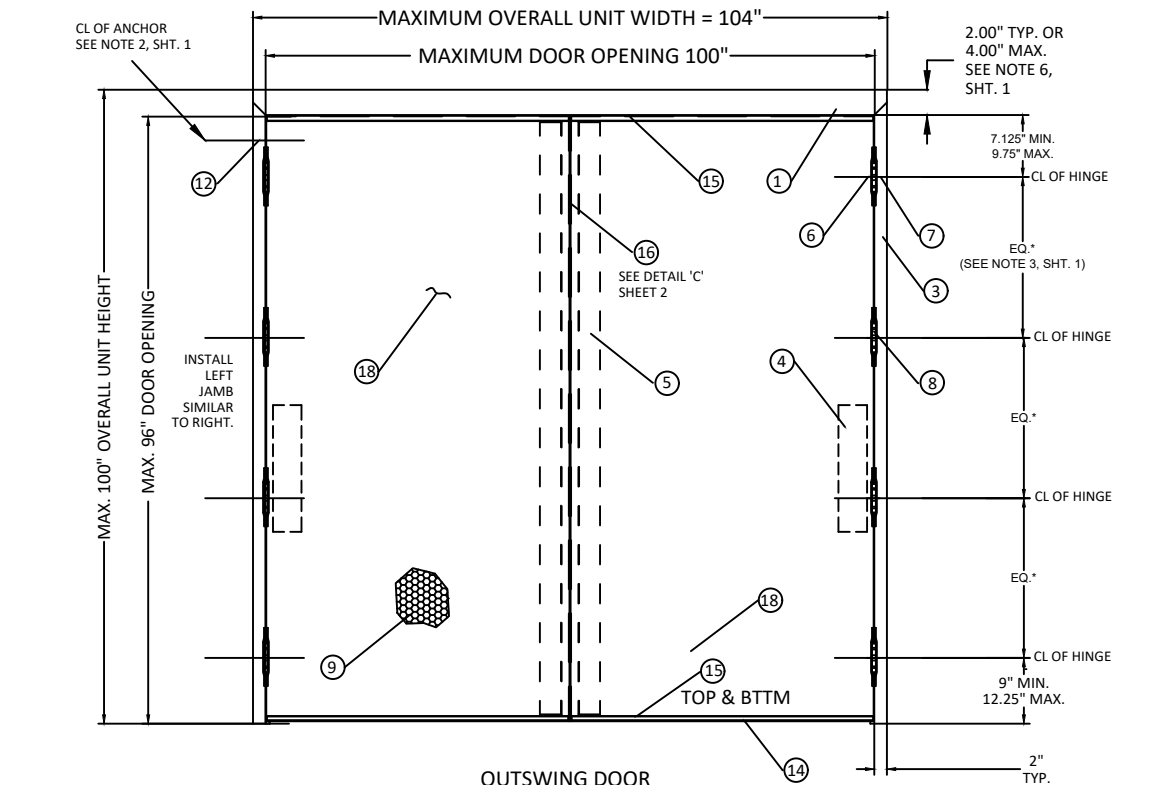


TABLE 2 (SEE TABLE 9, SHEET 15 FOR OPTION 2 CONFIGURATION)

	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD (SEE SHT. 9)	.053" MIN. STL	MAX. 100"
2	-	-	-	-
3	2	HINGE JAMB (SEE SHT. 9)	.053" MIN. STL	MAX. 100" HEIGHT.
4	2	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
5	2	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	3.5 X 93.44 MAX
6	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.167" MIN. STL	1.23" X 9.19" MIN.
7	NOTE 3, SHT. 1	HINGE REINFORCEMENT FRAME	.167" MIN. STL	1.5" X 9.19" MIN.
8	NOTE 3, SHT. 1	4.5" MIN. BUTT HINGES	.134" MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE	.750" MIN. STL/.12 ALUM	MAX. 95"
9	2	CORE MATERIAL (SHT. 13):	D) HONEYCOMB C) STEEL STIFFENED A/F) POLYSTYRENE	
			B/F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE	
10	2	LOCKING HARDWARE		
		THRESHOLD SILL W/BUMPER GASKET	ALUM. 6063 T5	5.5"x0.5"x96"MAX.
11	1	1) ZERO 65A, 566A SEE SHT. 8	ALUM. 6063 T5	
		2) PEMKO 2005AT SEE SHT. 8	ALUM. 6063 T5	
		3) NATIONAL GUARD 950A WITH BUMPER SEE SHT. 8	ALUM. 6063 T5	
12	NOTE 2, SHT. 1	JAMB ANCHOR	SEE SHTS. 5-7, 14, 15, 19-23	
13	NOTE 1, SHT. 1	PSO74 WEATHER STRIPPING	TPE	MAX. 24"
14	2	FAS-SEAL DOOR SWEEP	TPE	MAX. 47.66"
15	4	END CHANNEL (16 GA - INVERTED)	.053" MIN. STL	.62" X 1.66" X 47.66" MAX.
16	1	SPLIT ASTRAGAL SET OR Z-ASTRAGAL (NOT REQ'D WITH HOLLOW METAL MULLION)	SEE SHT. 8	
17	AS NEEDED	BUTYL RUBBER OR SILICONE		
18	2	DOOR SLAB (16 OR 14 GA)	SEE SHT. 9	4' X 8' MAX.
19	1	BY ZERO INT'L DOOR SEAL No.8150	TPE	MAX. 24"
		BY PEMKO DOOR SEAL No.5773		
20	2	BY ZERO INT'L DOOR SWEEP No.539	TPE	MAX. 96"
		BY NGP DOOR SWEEP No.202N		
21	2	BY ZERO INT'L DOOR SWEEP No.139 & 39	SEE SHT. 8	MAX. 48"
		BY PEMKO DOOR SEEP No.315		
22	2	BY ZERO INT'L ADJUSTABLE STOP No.475	TPE	MAX. 48"
		BY NGP ADJUSTABLE STOP No.170N		
23	2	BY ZERO INT'L DRIP CAP No.142	SEE SHT. 8	MAX. 48"
		BY PEMKO DRIP CAP No.346		
24	2	24A) TOP CAP GALV. A60	.020" MIN. STL	MAX. 48"
		24B) 18 GA DOOR FLUSH TOP CAP	.047" MIN. STL	
25	2	IVES SB360 SURFACE BOLT	STEEL	12" MIN. - 24"MAX. LENGTH
26	1	ASA STRIKE		
27	1	Z-ASTRAGAL	.067" MIN. STL	MAX. 95.5
28	1	HOLLOW METAL MULLION (SINGLE OR DOUBLE RABBET)	SEE SHT. 13	MAX. 96"
28A	1	ALTERNATE METAL MULLION	SEE SHT. 13	MAX. 96"
29	1	IVES 698/U698, 700/U700 DOOR VIEWER	BRASS	



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

STEELCRAFT OPENING
DIMENSIONS & BOM

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

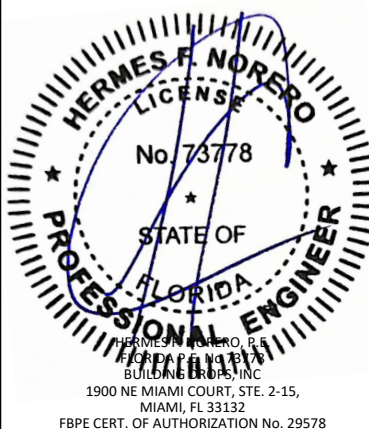
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY:
JA

CHK. BY:
HN

SCALE: NTS

DWG. #: PL 2016-DF

SHEET:

3

OF 23

12/18/2024 1:00 PM

c:\users\julianalexander\building drops, inc\building drops, inc\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

REINFORCEMENT & HINGE DETAILS

PREPARED BY:

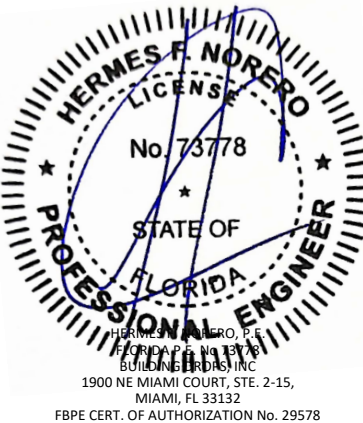
BUILDING DROPS, INC.

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



REMARKS	BY	DATE

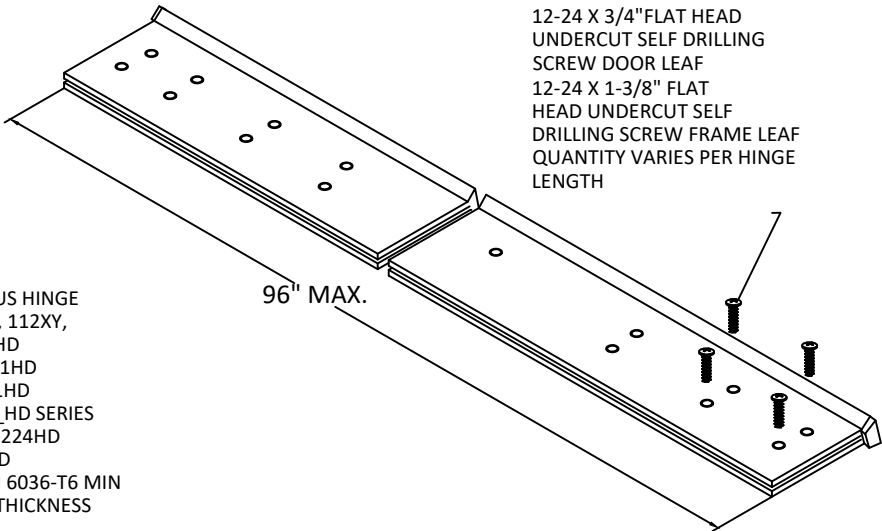
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #:	FL20736
DATE:	10.08.2024
DWG. BY:	JA
CHK. BY:	HN
SCALE:	NTS
DWG. #:	PL 2016-DF
SHEET:	4

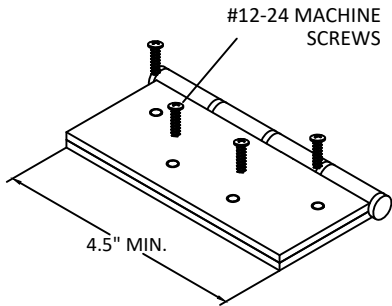
8

CONTINUOUS HINGE
IVES 112HD, 112XY,
224XY, 224HD
STANLEY 661HD
SELECT SL11HD
PEMCO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS



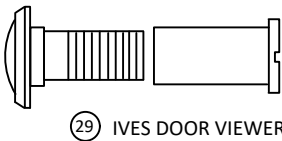
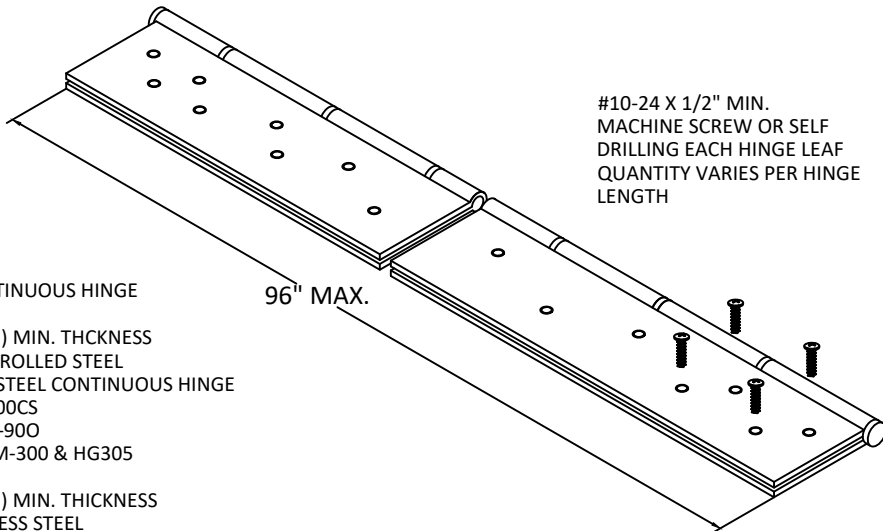
8

BUTT HINGE
4.5" X 4.5" STD. WT. MIN.
IVES 5BB1/3CB1
STANLEY FBB179/1900
HAGER BB1279
MCKINNEY TB3386
.134" MIN. THICKNESS
STEEL, STAINLESS STEEL OR BRASS



8

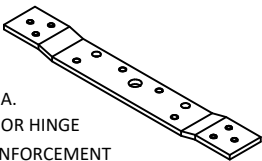
STEEL CONTINUOUS HINGE
IVES 600
.075 (14GA.) MIN. THCKNESS
1012 COLD ROLLED STEEL
STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
HAGER 790-900
MARKAR FM-300 & HG305
ABH A500
.075 (14GA.) MIN. THICKNESS
304 STAINLESS STEEL



29 IVES DOOR VIEWER

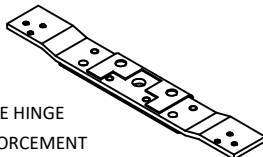
6

7 GA.
DOOR HINGE
REINFORCEMENT



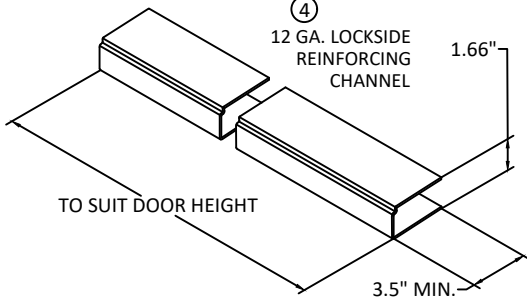
7

7 GA.
FRAME HINGE
REINFORCEMENT



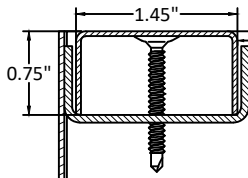
4

12 GA. LOCKSIDE
REINFORCING
CHANNEL



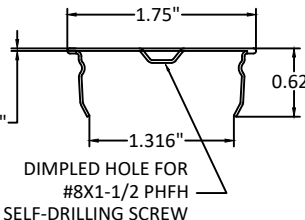
24B

STEELCRAFT: 18 GA
FLUSH TOP CAP
(OPTIONAL)



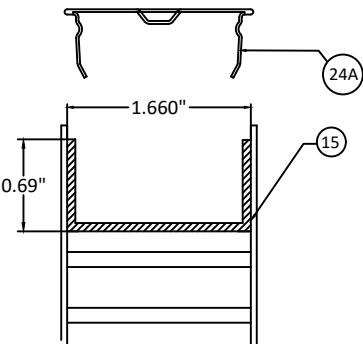
24A

STEELCRAFT: 24 GA TOP CAP
(OPTIONAL)



15

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



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. DOORS AND FRAMES DO NOT REQUIRE ADDITIONAL REINFORCEMENT WITH A CONTINUOUS HINGE.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

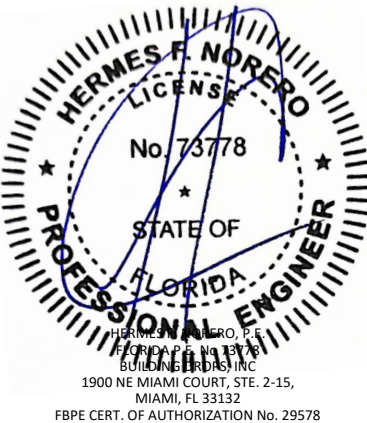
ANCHORS: STEELCRAFT UP TO 75PSF

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



REMARKS	BY	DATE

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.



FL #:
FL20736

DATE: **10.08.2024**

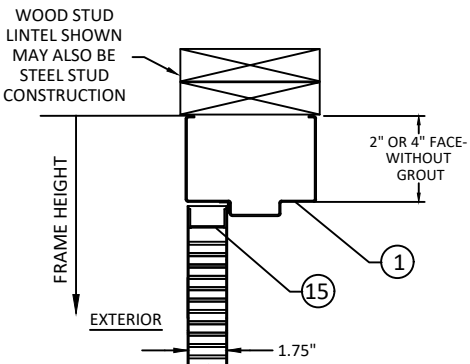
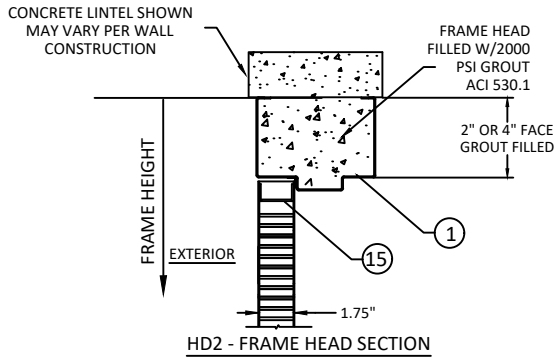
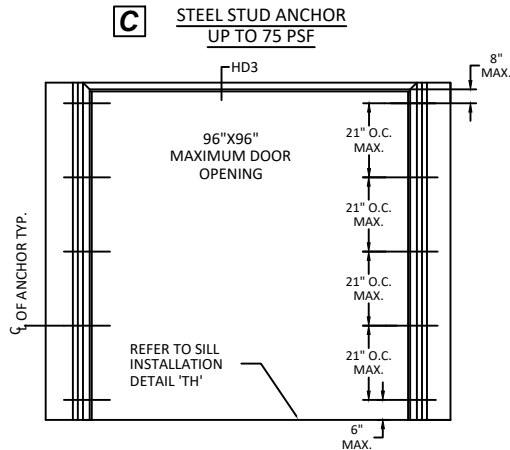
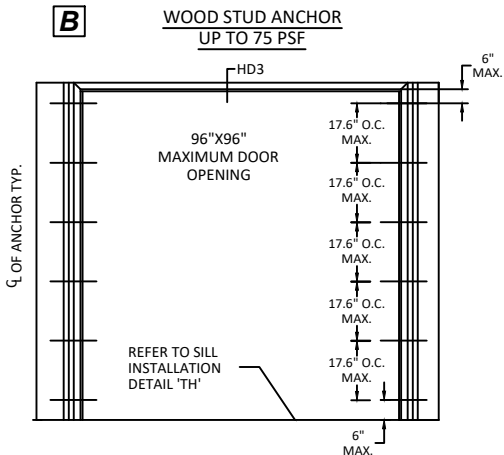
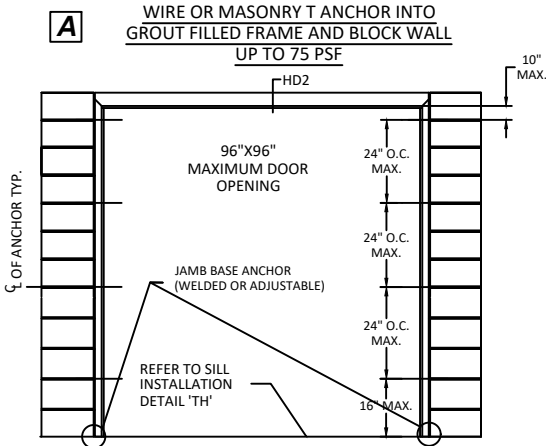
DWG. BY: JA	CHK. BY: HN
-----------------------	-----------------------

SCALE: **NTS**

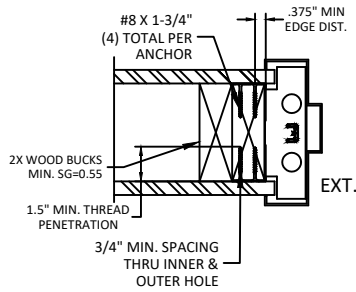
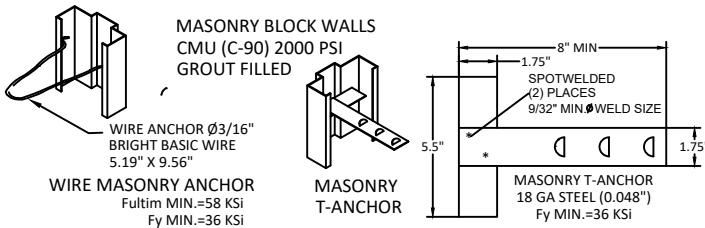
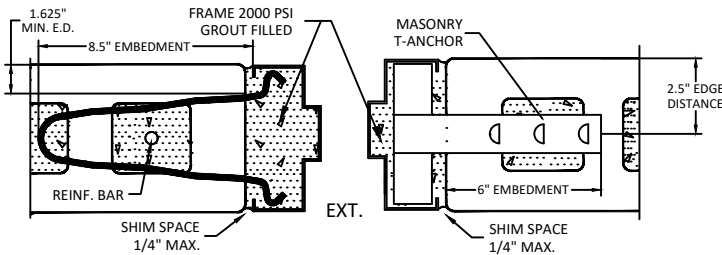
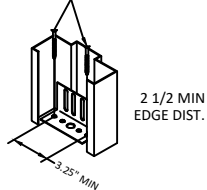
DWG. #: **PL 2016-DF**

SHEET:

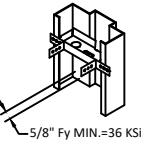
SEE SHTS. 19 - 23 FOR
OPTION 2 ANCHOR DETAILS



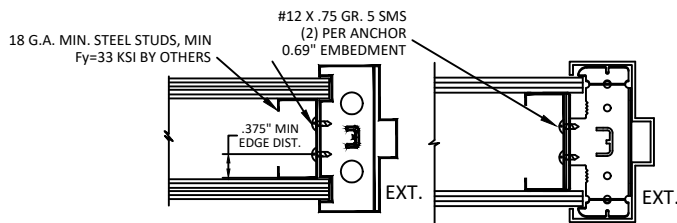
JAMB BASE ANCHOR INTO CONCRETE (3 KSI MIN.)
Ø.0.375" WITH 2"
MIN. EMBEDMENT
POWERS POWER BOLT, POWERS LOK BOLT AS.
HILTI HLC-FPH SLEEVE ANCHOR, SIMPSON STRONG
TIE SLEEVE-ALL OR 3/8" LAG BOLT INTO (2) 2X
WOOD SILL (SG=0.55)



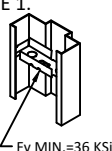
*WOOD STUD WALLS
SEE NOTE 1.



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

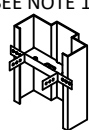


*STEEL STUD WALLS
SEE NOTE 1.

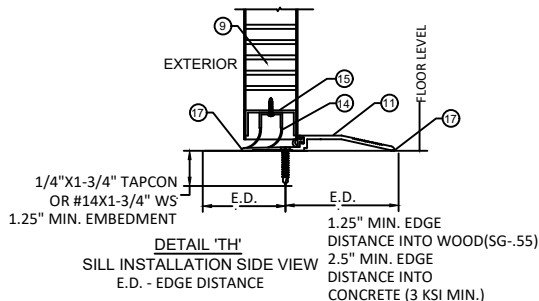
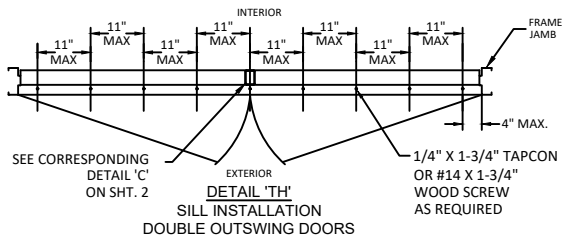


STEEL STUD ANCHOR
WELD-IN OR LOCK-IN

*STEEL STUD WALLS.
SEE NOTE 1.



UNIVERSAL
ANCHOR
WELD-IN OR LOCK-IN



NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD
WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES
RATED @75 PSF,AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

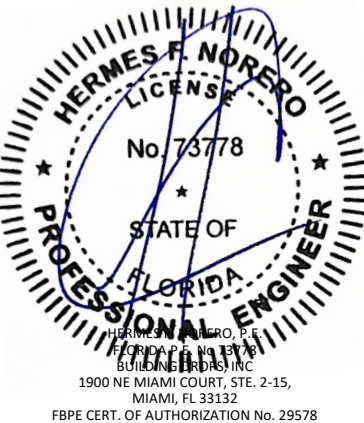
ANCHORS: UP TO 75PSF CONT.

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



REMARKS	BY	DATE

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.



FL #:
FL20736

DATE: **10.08.2024**

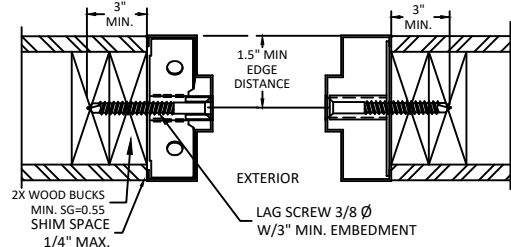
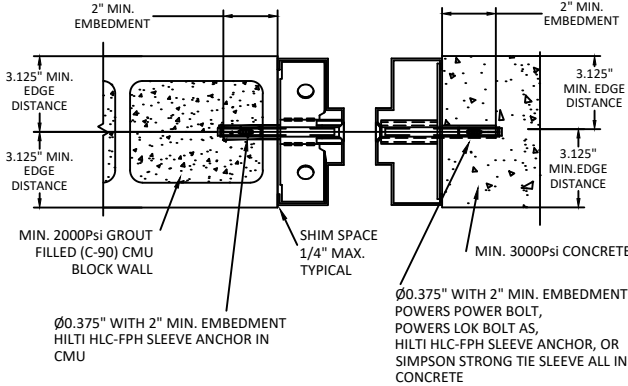
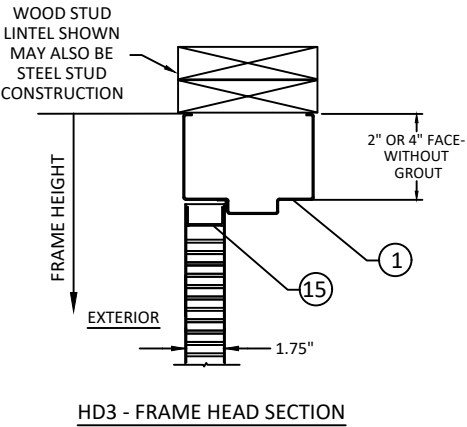
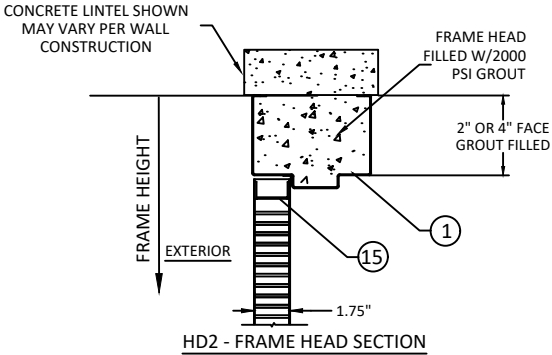
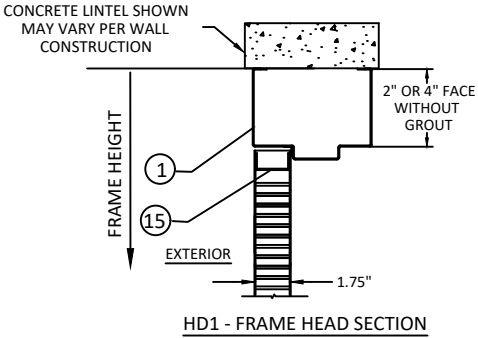
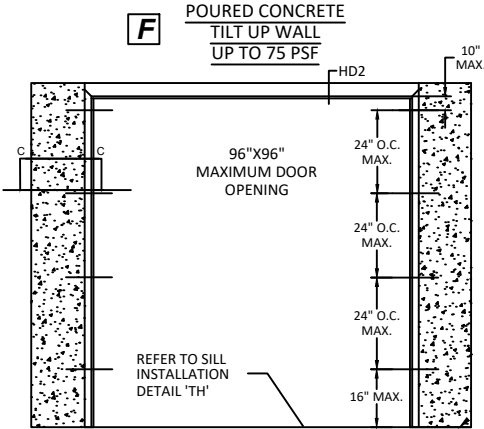
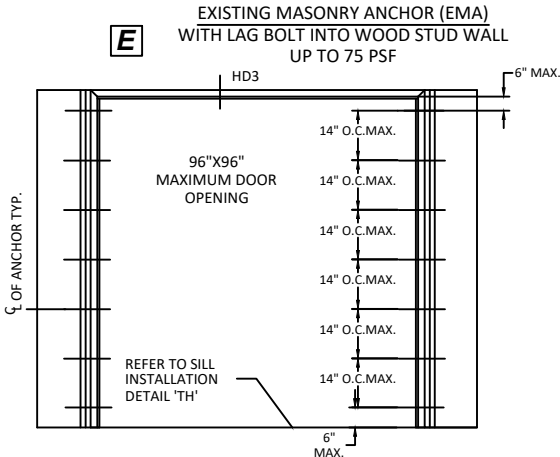
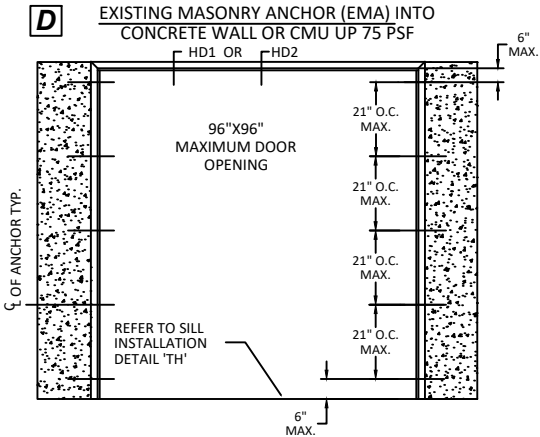
DWG. BY: JA	CHK. BY: HN
-----------------------	-----------------------

SCALE: **NTS**

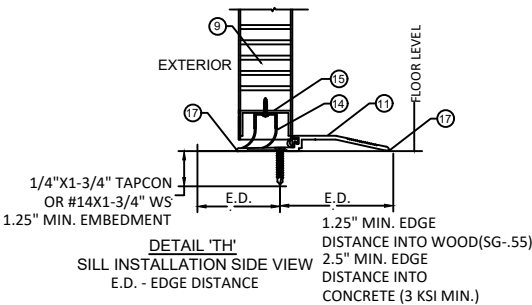
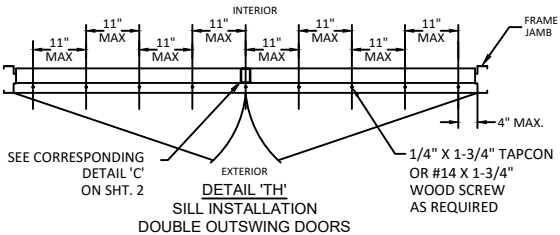
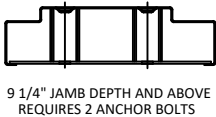
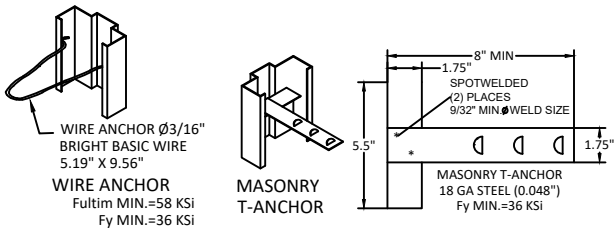
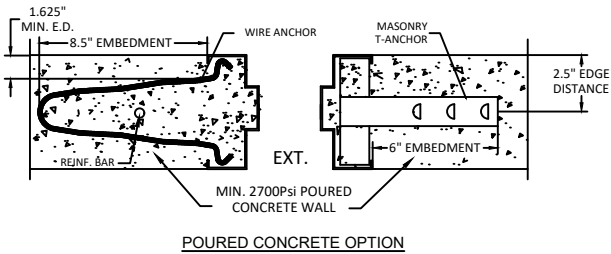
DWG. #: **PL 2016-DF**

SHEET:
6

SEE SHTS. 19 - 23 FOR
OPTION 2 ANCHOR DETAILS



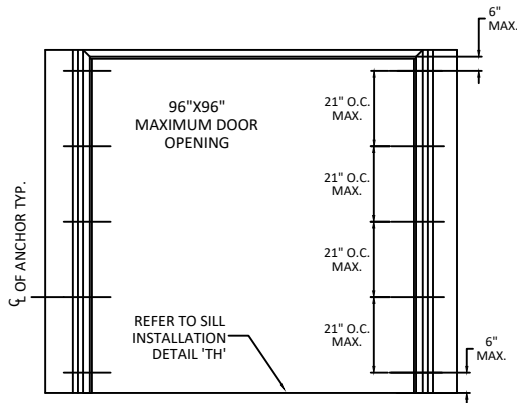
WOOD STUD WALLS
SEE NOTE 1.



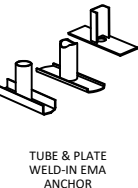
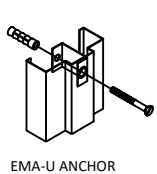
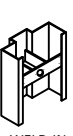
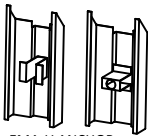
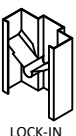
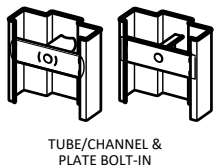
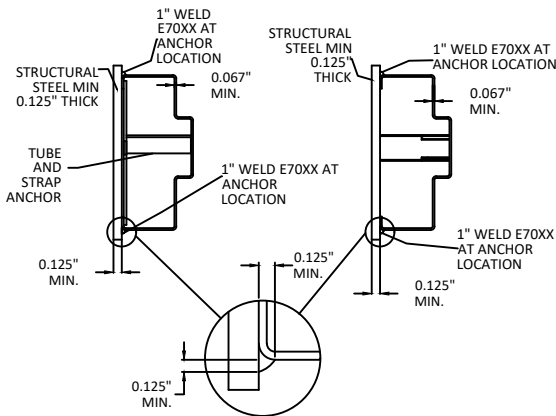
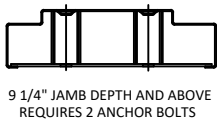
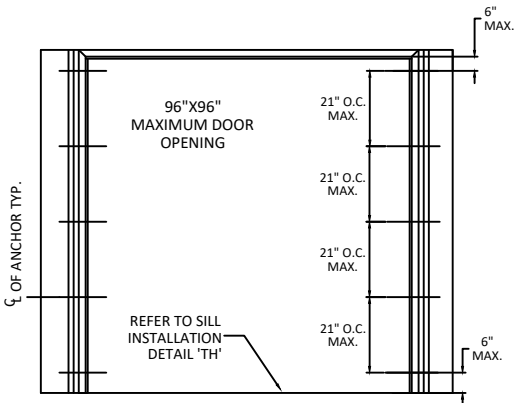
NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @ 75 PSF,AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 PSF, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2.NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS 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.

SEE SHTS. 19 - 23 FOR
OPTION 2 ANCHOR DETAILS

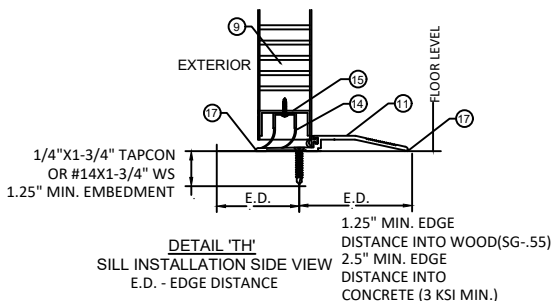
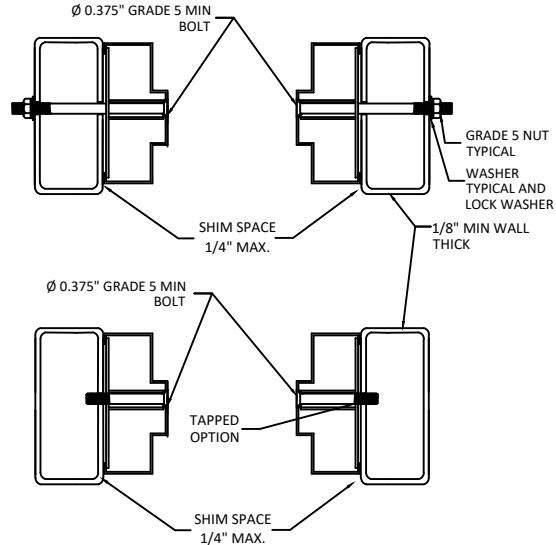
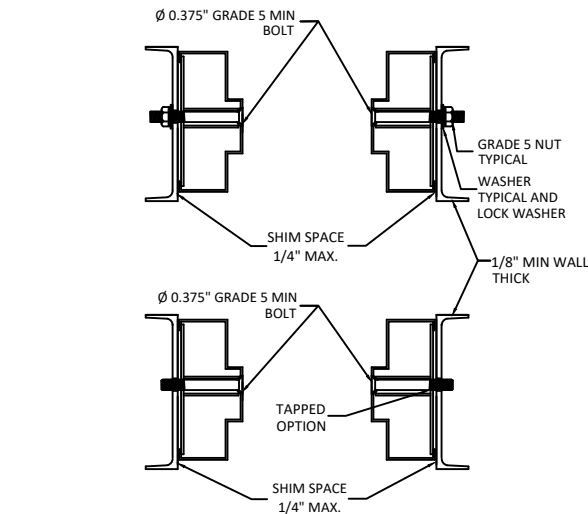
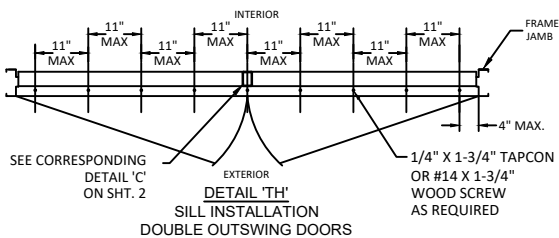
G FRAMES BOLTED TO BUILDING STRUCTURE
UP TO 90PSF



H WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE UP TO 90PSF



- NOTES:
- 1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF, AND 375 #/FT. FOR ASSEMBLIES RATED @ 90 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.




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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

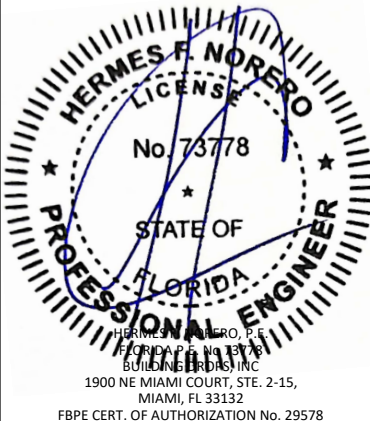
ANCHORS: STEELCRAFT UP TO 90PSF

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



REMARKS	BY	DATE

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 P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15,
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL20736

DATE: **10.08.2024**

DWG. BY: **JA** CHK. BY: **HN**

SCALE: **NTS**

DWG. #: **PL 2016-DF**

SHEET:

7

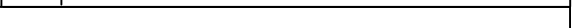
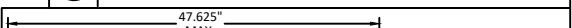
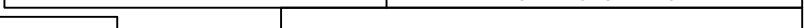
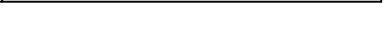
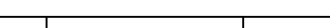
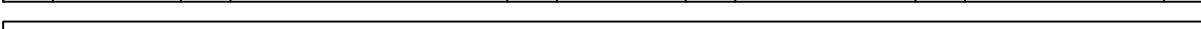
12/18/2024 1:00 PM

c:\users\julianalexander\building drops, inc\building drops landing - common\projects\allegion\fbc-24-0851 - fbc submittal - fl20736 drawing format update\dwgs\fl20736.1 flush double\pl 2016-df.dwg

STANDARD REQUIRED SEALS (NOT APPROVED FOR WATER INFILTRATION)

***SEE SHT 1 FOR DESIGN PRESSURE RATINGS.**

OPTIONAL SEALS (NOT RATED FOR WATER INFILTRATION)	
---	--



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

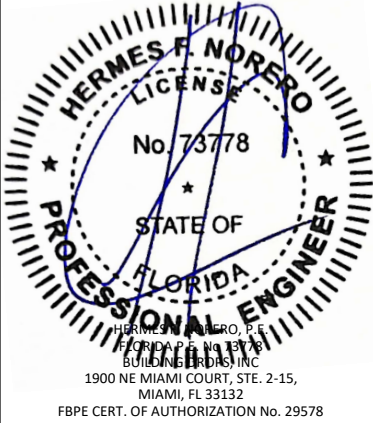
GASKETING DETAILS - PERIMETER SEAL & WEATHER STRIPPING

PREPARED BY:

BUILDING DROPS

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

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL 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.



8

c:\users\julianalexander\building drops, inc\building drops landing - common\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736-1 flush double.pl 2016-df.dwg 12/18/2024 1:00 PM

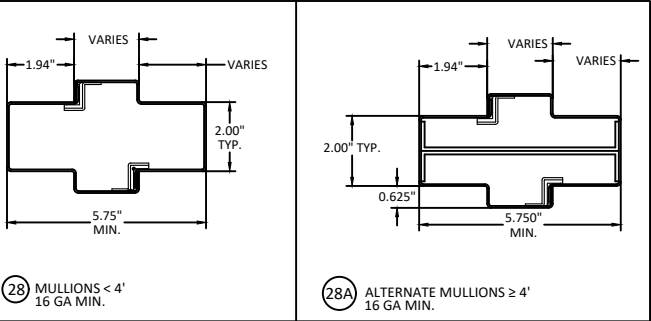
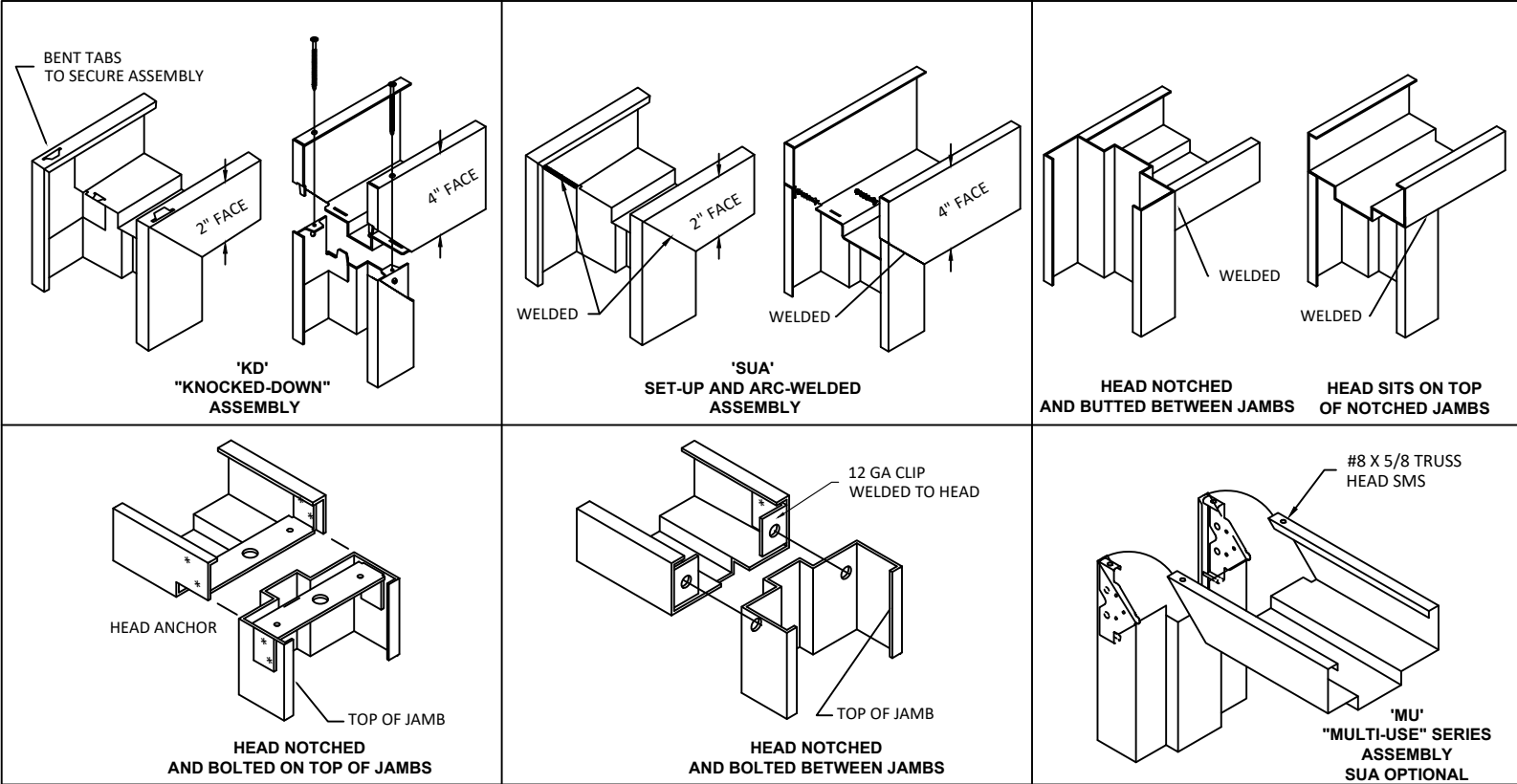


TABLE 5. AVAILABLE STEELCRAFT H-SERIES DOOR CONFIGURATIONS

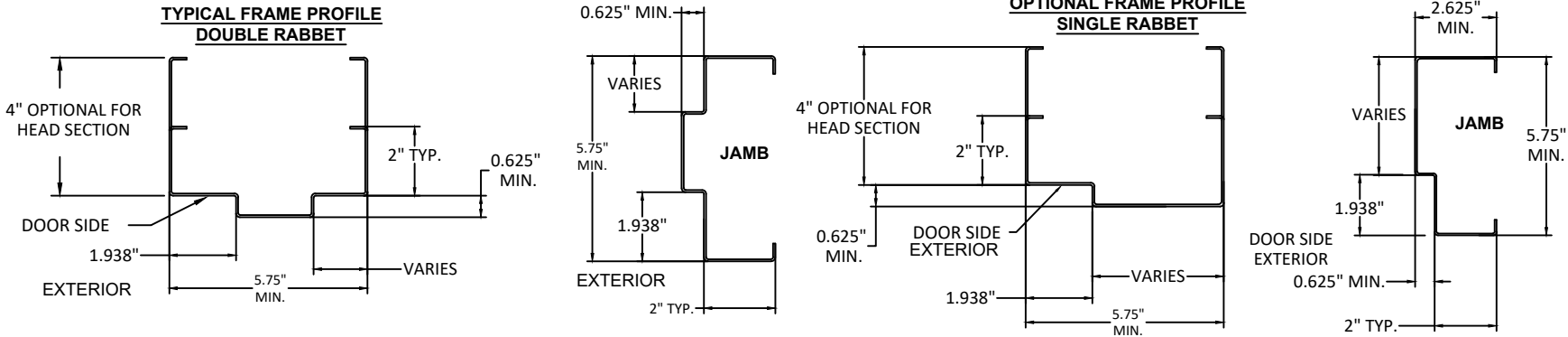
CORE MATERIAL PER SHT. 13	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	VARIES SEE SHEET 2 TABLE 1		CRS GALV	16/.053" 14/.067"

TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

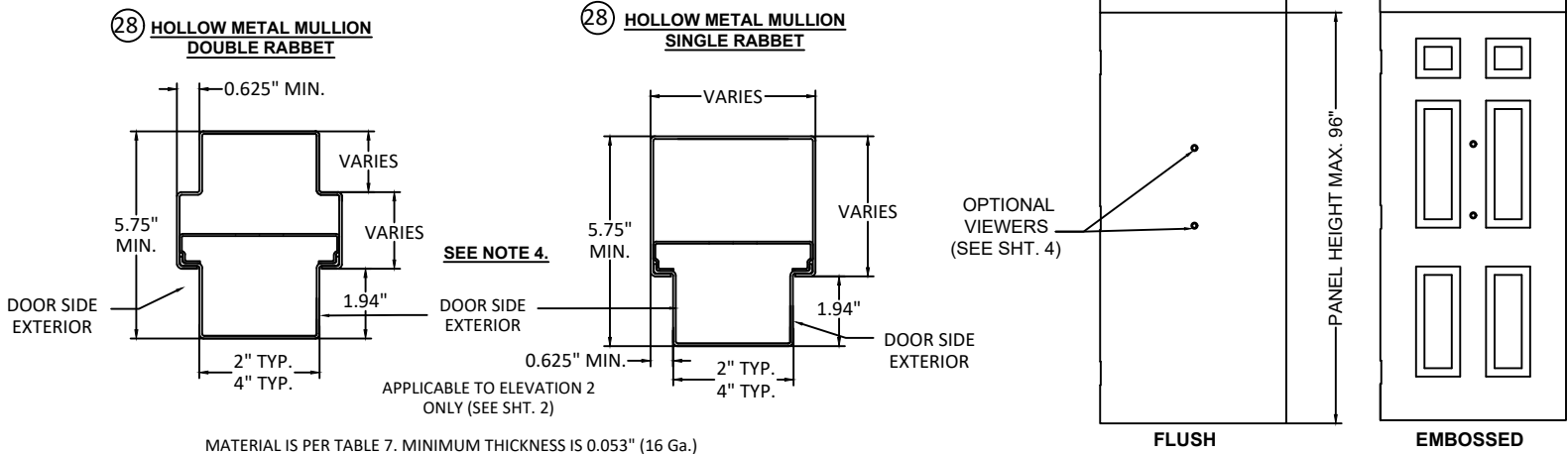
FRAME SERIES	JAMB DEPTH	MAX. OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" MIN.	VARIES SEE SHEET 2 TABLE 1		CRS/HRS GALV	16/.053" 14/.067" 12/.099"
MU	5.75" MIN.	VARIES SEE SHEET 2 TABLE 1		CRS/HRS GALV	16/.053" 14/.067"

TABLE 7. STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A1008	MIN. 30.1	MIN. 44.7
HRS	A1011		
GALV.	A653/A924		



AVAILABLE DOOR PANEL CONFIGURATIONS



MATERIAL IS PER TABLE 7. MINIMUM THICKNESS IS 0.053" (16 Ga.)



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

FRAME DETAILS &
CORNER CONSTRUCTION

PREPARED BY:

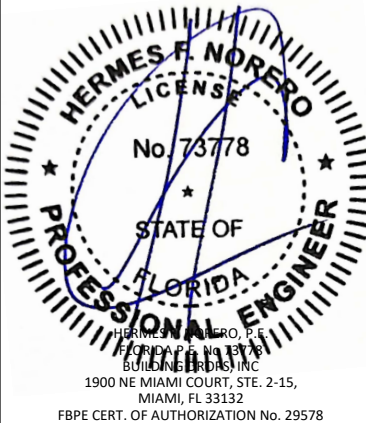
BUILDING DROPS, INC.

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



REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY: JA

CHK. BY: HN

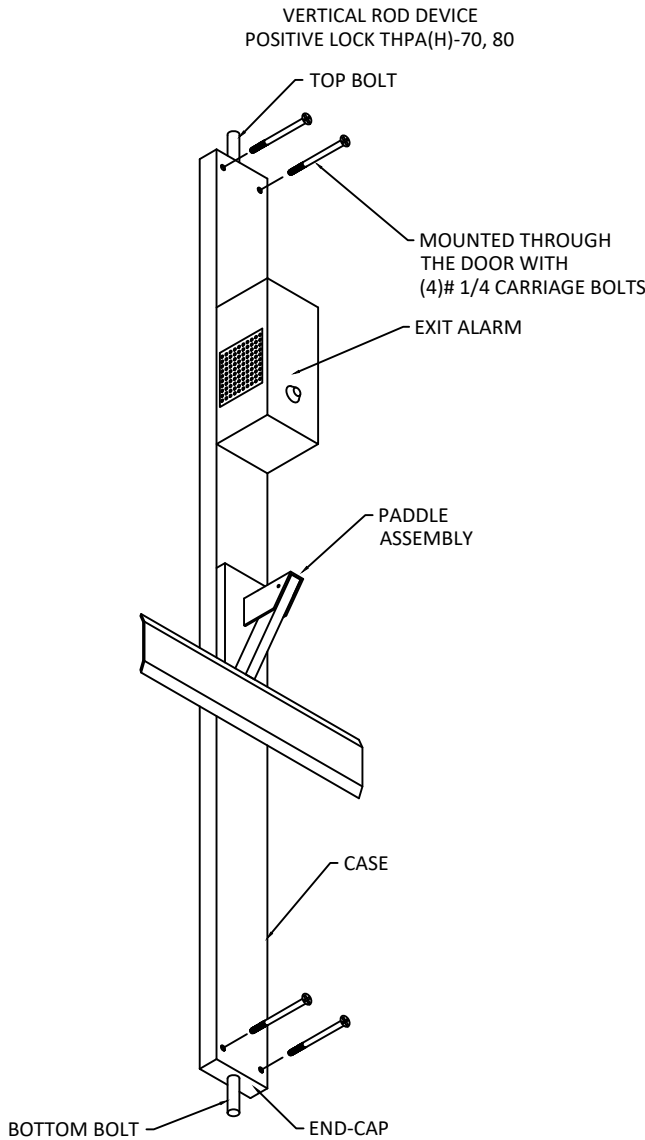
SCALE: NTS

DWG. #: PL 2016-DF

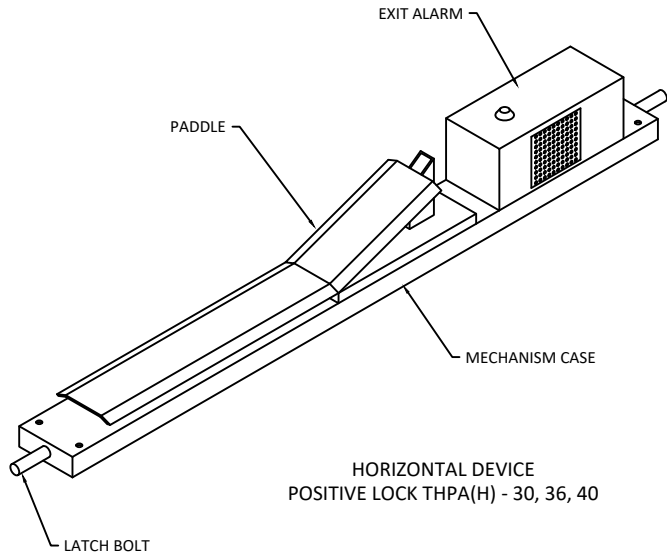
SHEET:

12/18/2024 1:00 PM

c:\users\julianalexander\building drops - common\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg



VERTICALLY MOUNTED PANIC DEVICE - POSITIVE-LOK
USED IN DOOR CONFIGURATION 1 (SEE SHT.2)



HORIZONTALLY MOUNTED PANIC DEVICE - POSITIVE-LOK
USED IN DOOR CONFIGURATION 2 (SEE SHT.2)

NOTES:
ELECTRIC/ELECTRONIC FUNCTION AND FIRE RATINGS ARE NOT PART OF THIS
APPROVAL AND MUST BE REVIEWED BY AUTHORITY HAVING JURISDICTION



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

PANIC DEVICE LOCKING
HARDWARE DETAILS

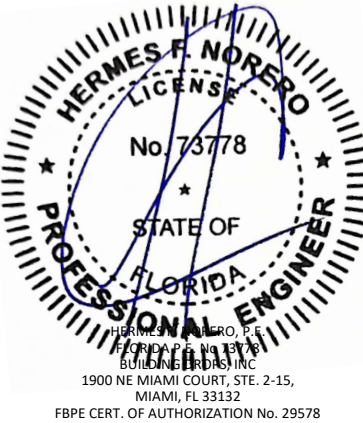
PREPARED BY:

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



REMARKS	BY	DATE

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.



FL #:
FL20736

DATE: **10.08.2024**

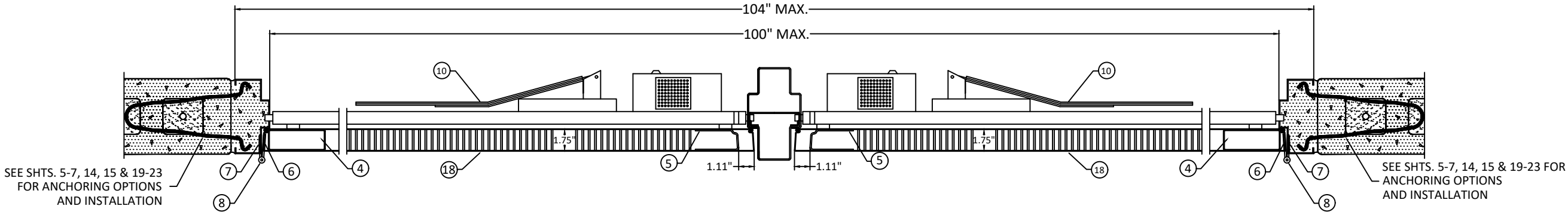
DWG. BY: **JA** CHK. BY: **HN**

SCALE: **NTS**

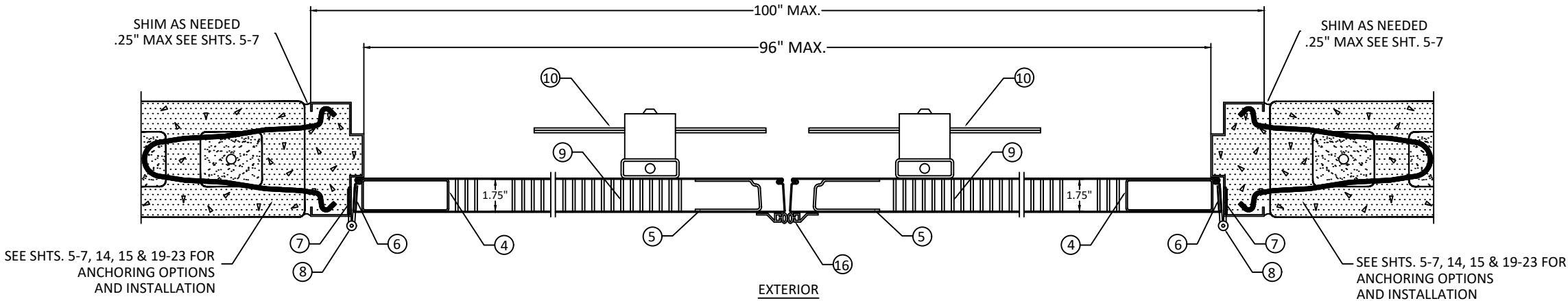
DWG. #: **PL 2016-DF**

SHEET:

10



HORIZONTALLY MOUNTED PANIC DEVICE
SECTIONS A-2, (SEE SHT. 2)
SECTION A-A
HORIZONTAL DEVICE
POSITIVE LOCK THPA(H)-30, 36, 40



VERTICALLY MOUNTED PANIC DEVICE
SECTIONS A-1, (SEE SHT. 2)
SECTION A-A
VERTICAL DEVICE
POSITIVE LOCK THPA(H) - 70, 80

NOTES:
1. FOR MAXIMUM OPENING SIZE SEE TABLE 1 ON SHEET 2 .
2. DOUBLE OUTSWING DOORS, SEE SHEETS 5-7, 14, 15 & 19-23 FOR INSTALLATION INFORMATION AND ALTERNATE SUBSTRATE DETAILS.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

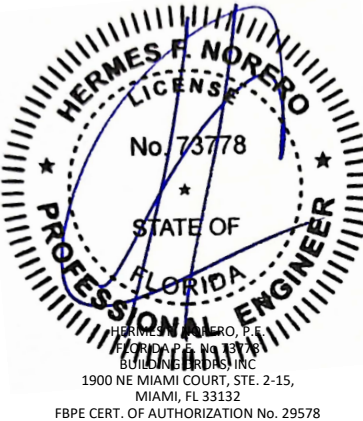
HORIZONTAL SECTION VIEWS

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



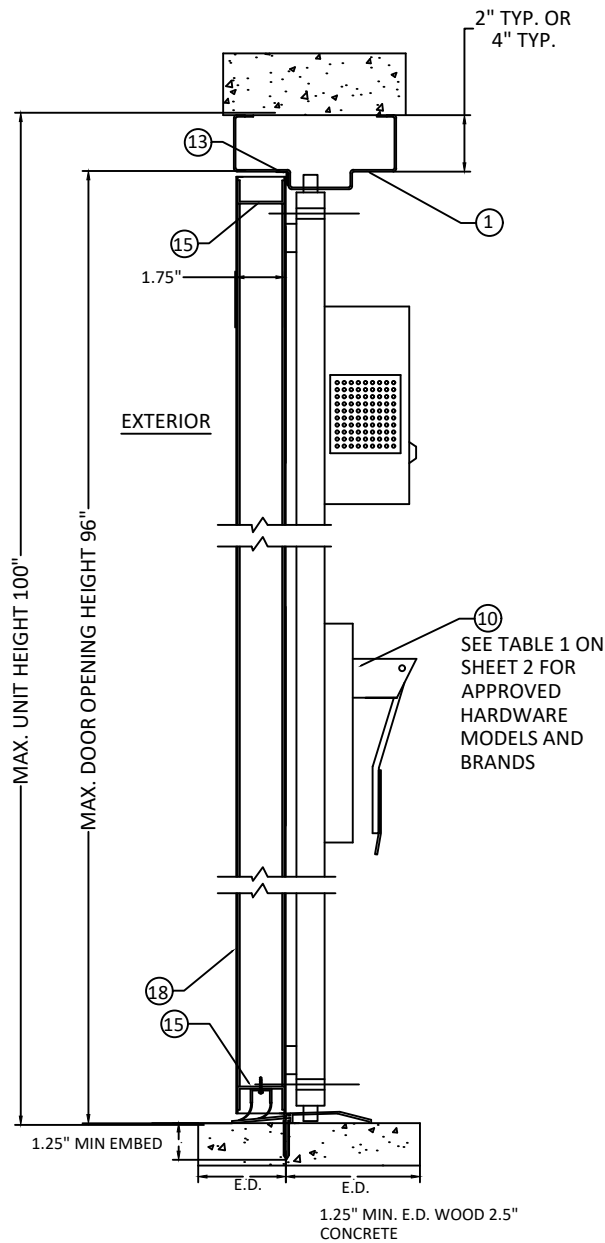
REMARKS	BY	DATE

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.



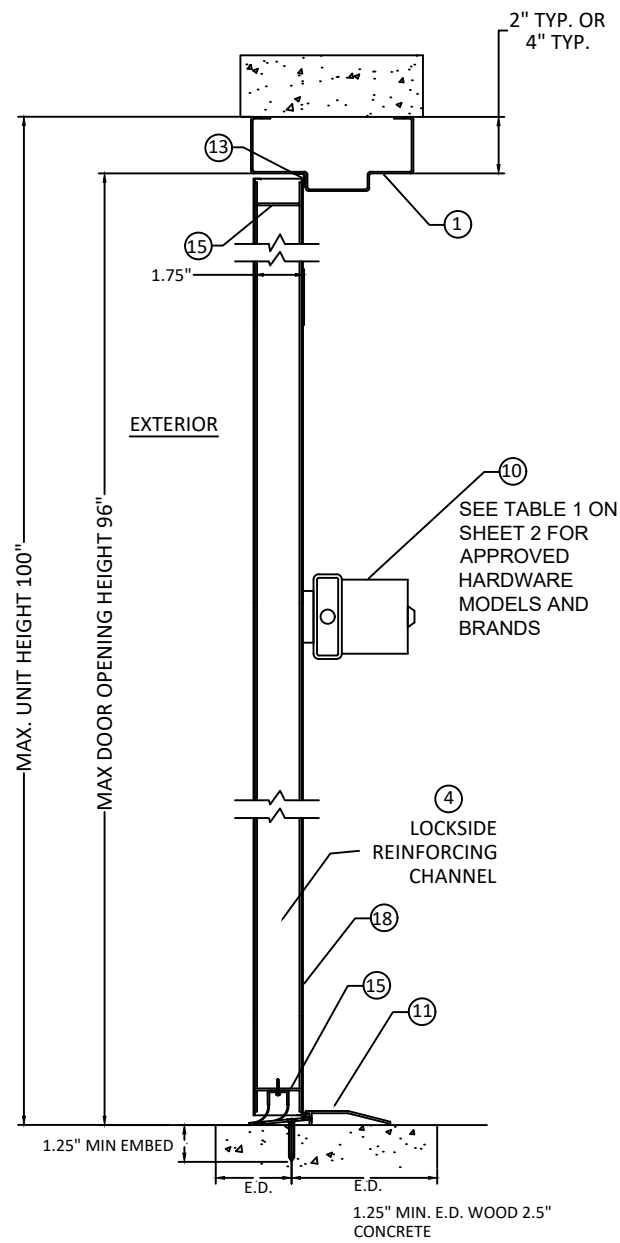
FL #:	FL20736
DATE:	10.08.2024
DWG. BY:	JA
CHK. BY:	HN
SCALE:	NTS
DWG. #:	PL 2016-DF
SHEET:	11

c:\users\julianalexander\building drops, inc\building drops landing - common\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg 12/18/2024 1:00 PM



VERTICALLY MOUNTED PANIC DEVICE
SECTION B-1 (SEE SHT. 2)

SECTION B-B
VERTICAL DEVICE
POSITIVE LOCK THPA(H) - 70, 80



HORIZONTALLY MOUNTED PANIC DEVICE
SECTION B-2 (SEE SHT. 2)

SECTION B-B
HORIZONTAL DEVICE
POSITIVE LOCK THPA(H)-30, 36, 40



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

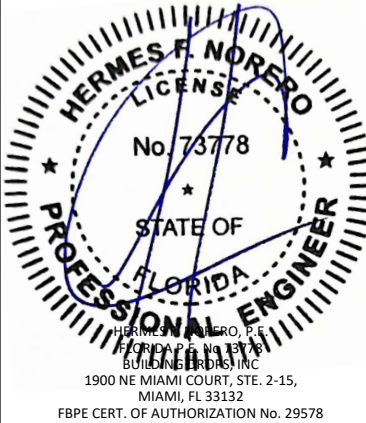
VERTICAL SECTION VIEWS

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



REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: **10.08.2024**

DWG. BY: JA	CHK. BY: HN
-----------------------	-----------------------

SCALE: **NTS**

DWG. #: **PL 2016-DF**

SHEET:

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

CORE & MULLION DETAILS

7: BUILDING DROPS, INC.



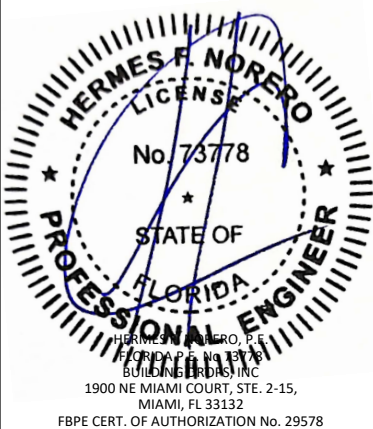
PREPARED BY:

900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

REMARKS

BY	DATE
----	------

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL 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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY:
JA

CHK. BY:
HN

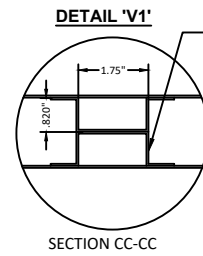
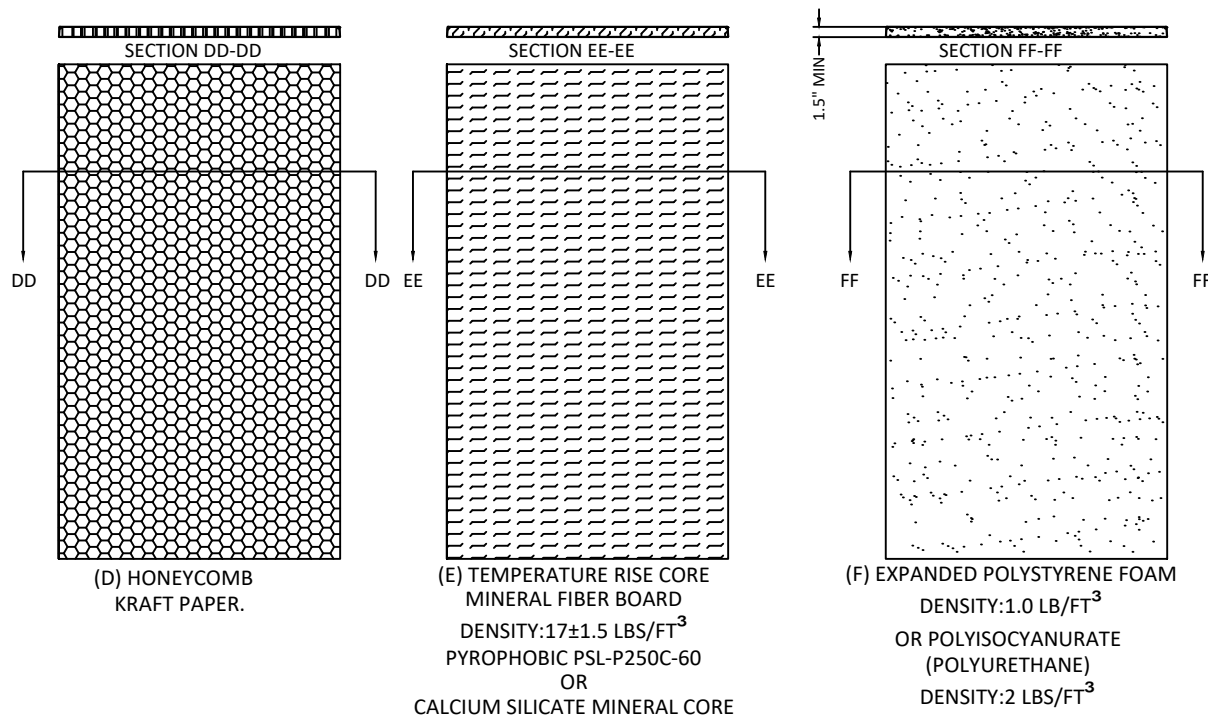
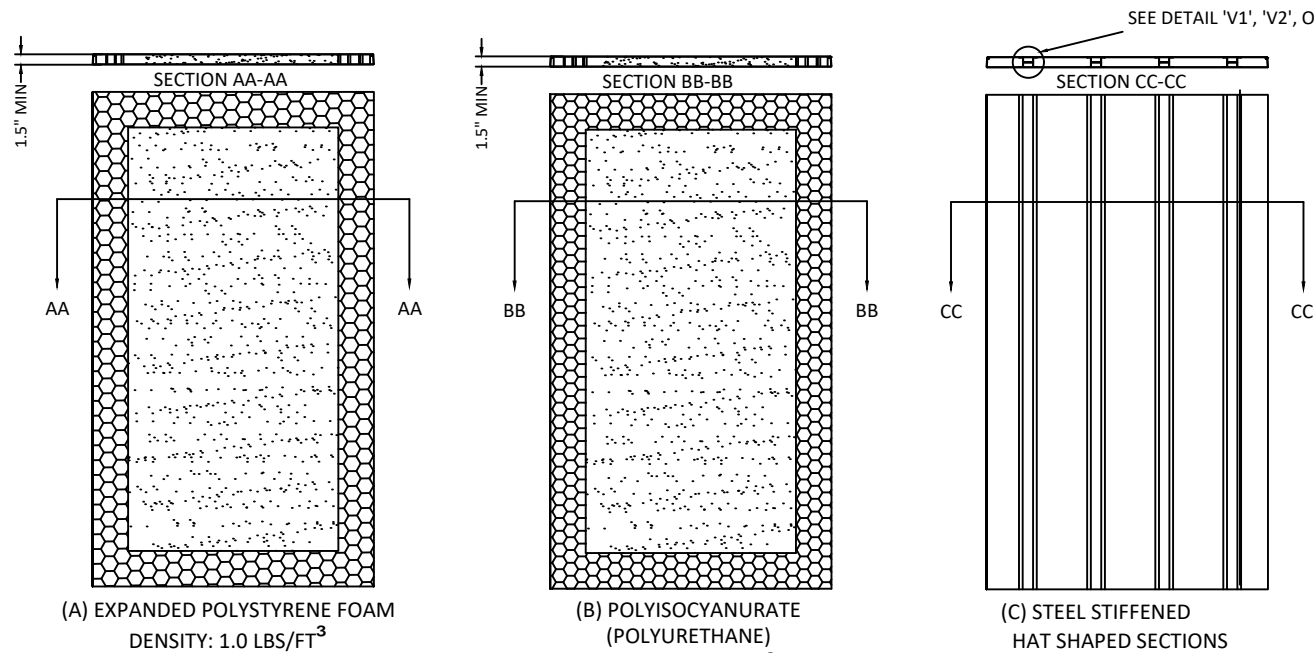
SCALE: NTS

DWG. #: PL 2016-DF

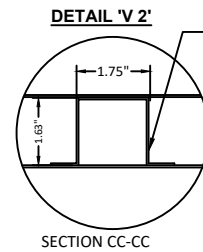
SHEET:

13

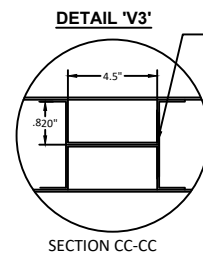
OF 23



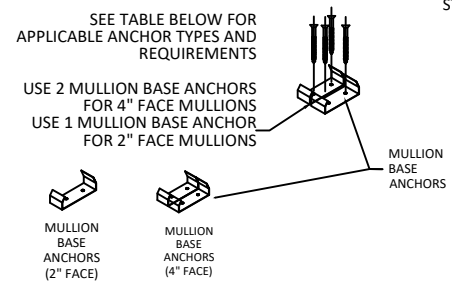
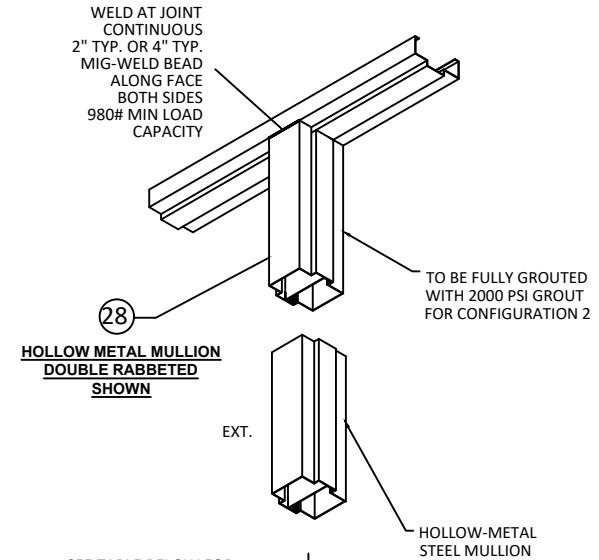
22GA. HAT SHAPED
STIFFENERS SPOTWELDED 6"
O.C. TO INSIDE OF FACE
SHEETS AND WELDED
TOGETHER
AT TOP AND BOTTOM



20GA. HAT SHAPED
STIFFENERS SPOTWELDED
6" O.C. TO INSIDE OF ONE FACE
SHEET
AND BONDED TO THE OTHER
FACE SHEET



20GA. HAT SHAPED
STIFFENERS SPOTWELDED 6"
O.C. TO INSIDE OF FACE
SHEETS AND WELDED
TOGETHER
AT TOP AND BOTTOM

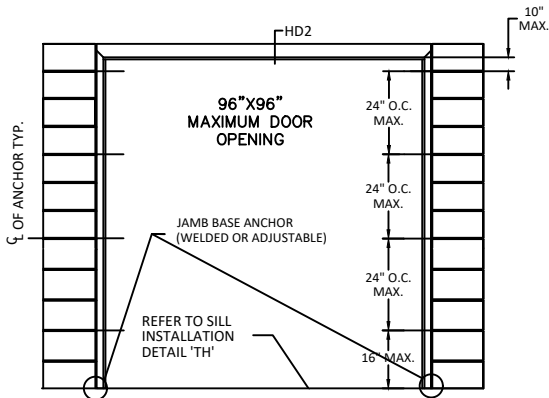


Anchor	Embedment	Edge Distance	Conc. Strength	Spacing	Quantity
Elco 5/16" Ultracon	2"	3.75"	3515 psi	3-3/8" Thru Base Anchor	2 per Base Anchor (2 for 2" Face 4 for 4" Face)
Powers 3/8" Power-Bolt	2"		3000 psi		
Powers 3/8" Lok Bolt AS	1-1/4"				
Hilti 3/8" Kwik Bolt 3	1-5/8"				
Dewalt 3/8" Screw-Bolt+	2"				

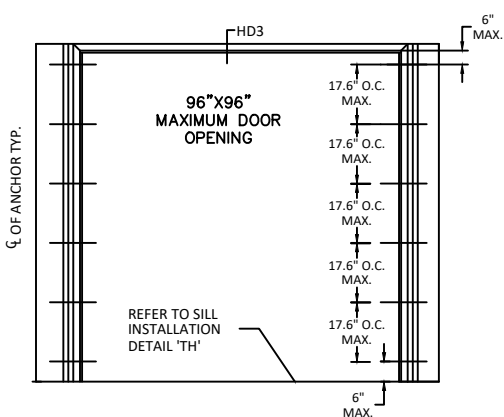
NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

SEE SHTS. 19 - 23 FOR
OPTION 2 ANCHOR DETAILS

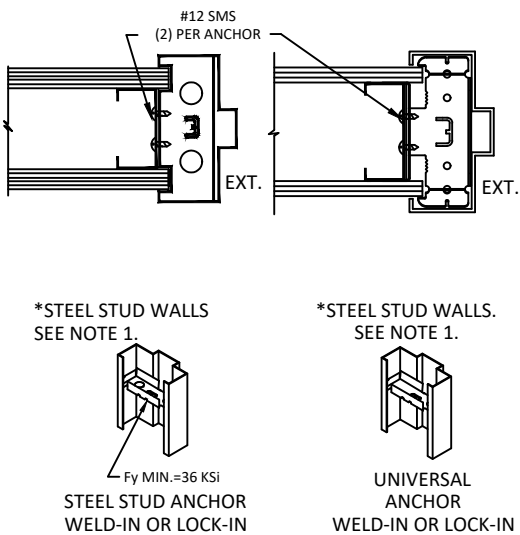
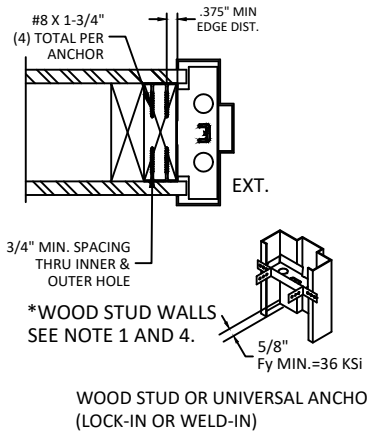
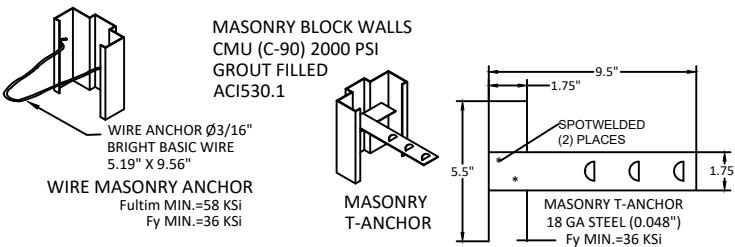
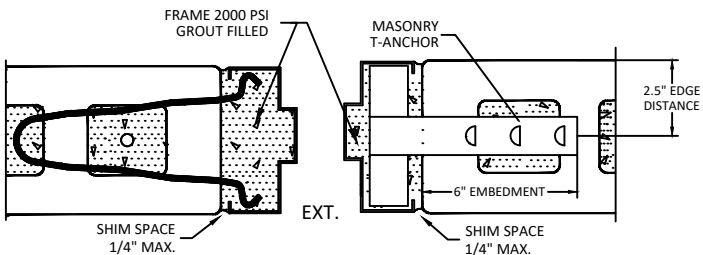
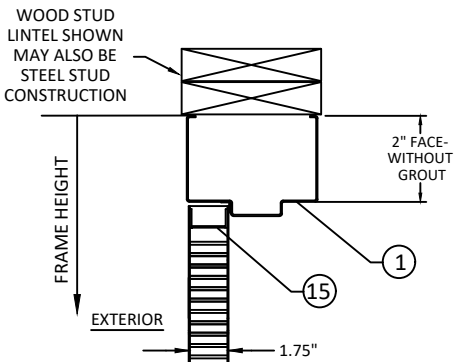
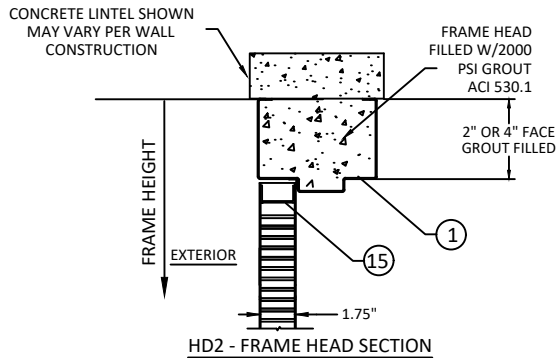
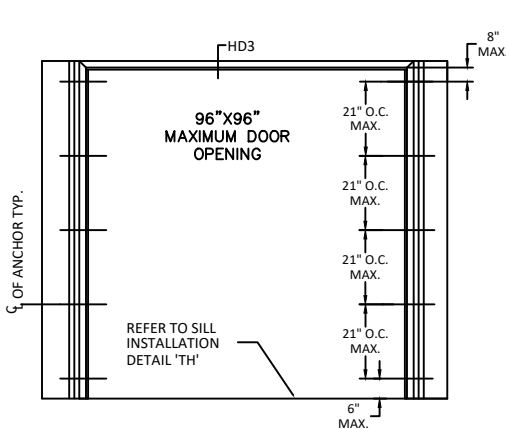
A2 WIRE OR MASONRY T ANCHOR
INTO GROUT FILLED FRAME
AND BLOCK WALL UP TO 100 PSF



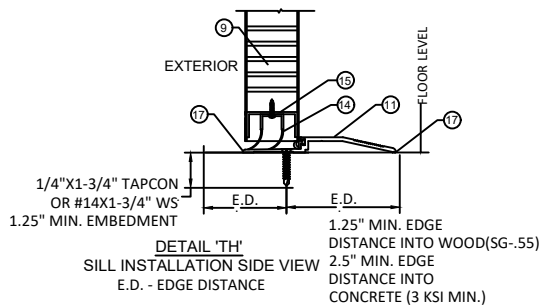
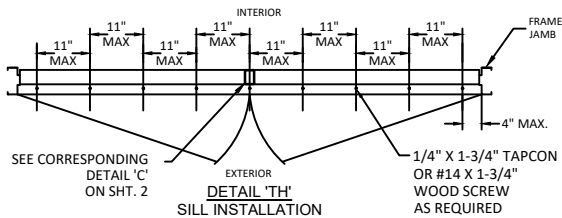
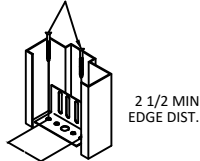
B2 WOOD STUD ANCHOR
UP TO 100 PSF



C2 STEEL STUD ANCHOR
UP TO 100 PSF



JAMB BASE ANCHOR INTO CONCRETE (3 KSI MIN.)
Ø0.375" WITH 2"
MIN. EMBEDMENT
POWERS POWER BOLT, 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 312 #/FT. LOAD FOR ASSEMBLIES
RATED @75 PSF,AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.



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

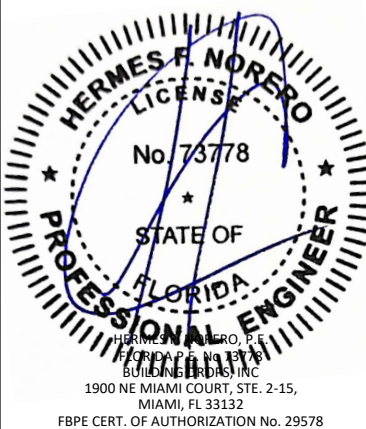
TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

ANCHORS: STEELCRAFT UP TO 100PSF

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

REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY:
JA

CHK. BY:
HN

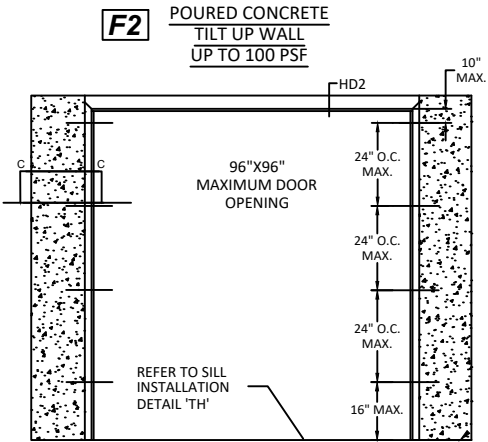
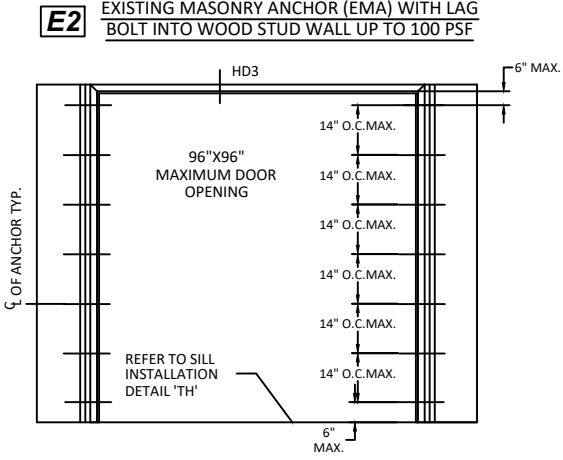
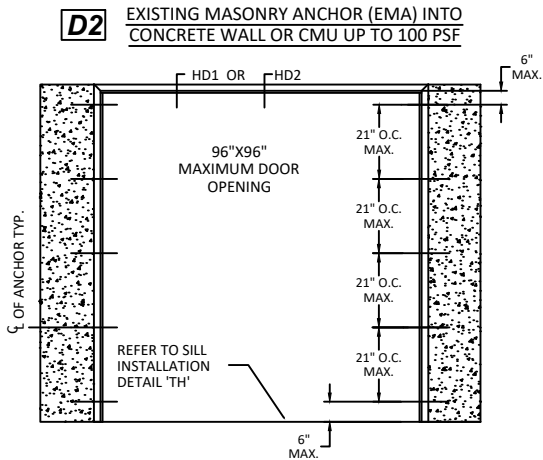
SCALE: NTS

DWG. #: PL 2016-DF

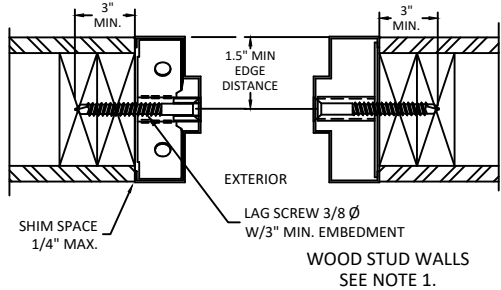
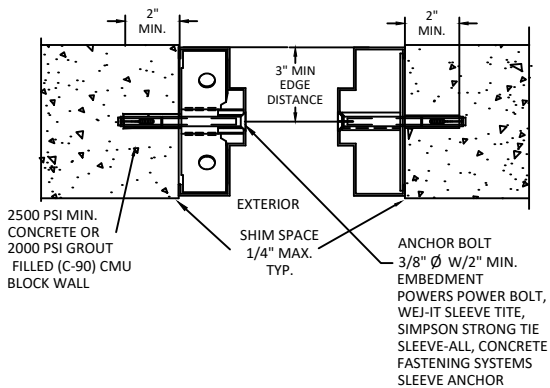
SHEET:

14

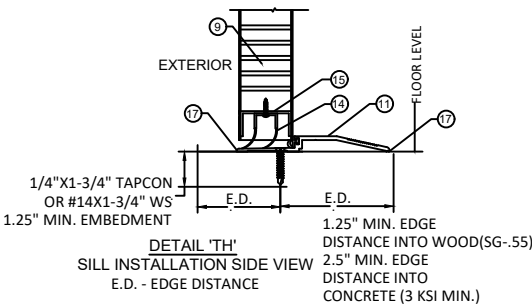
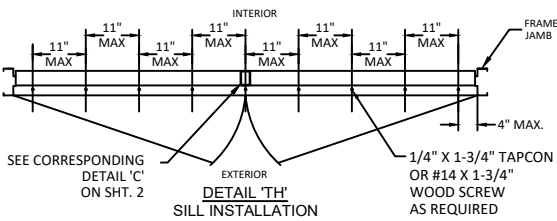
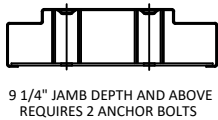
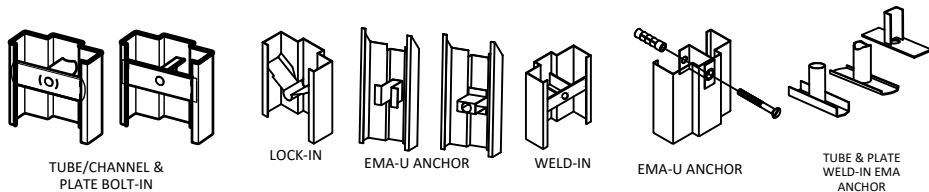
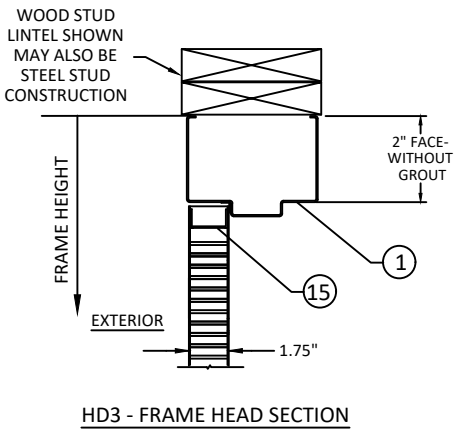
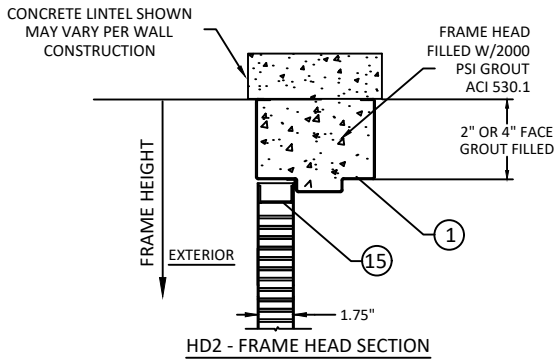
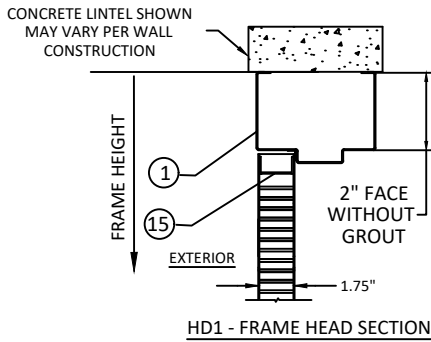
OF 23



SEE SHTS. 19 - 23 FOR
OPTION 2 ANCHOR DETAILS



POURED CONCRETE OPTION
SEE ANCHOR DETAIL A2 FOR REQUIRED JAMB
ANCHORAGE WHEN POURED CONCRETE ANCHORAGE
OPTION IS USED



- NOTES:
- 1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @ 75 PSF,AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.



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

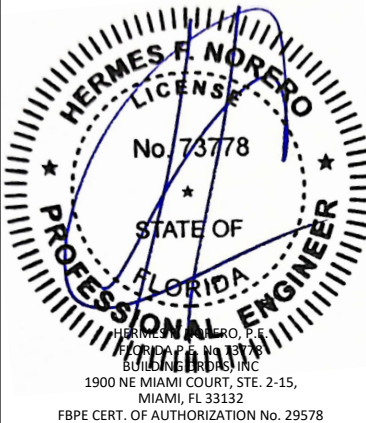
TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

ANCHORS: STEELCRAFT
UP TO 100PSF CONT.

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

REMARKS	BY	DATE

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.



FL #:	FL20736
DATE:	10.08.2024
DWG. BY:	JA
CHK. BY:	HN
SCALE:	NTS
DWG. #:	PL 2016-DF
SHEET:	15

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

REPUBLIC DOORS: OPENING DIMENSIONS & BOM

7: BUILDING DROPS, INC.

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

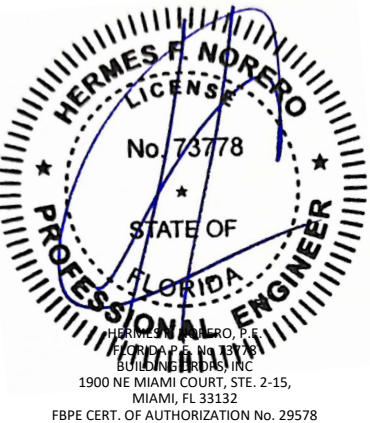


REMARKS

BY

DATE _____

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE 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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY:
JA

CHK. BY:
HN

SCALE: NTS

DWG. #: PL 2016-DF

SHEET:

16

OF 23

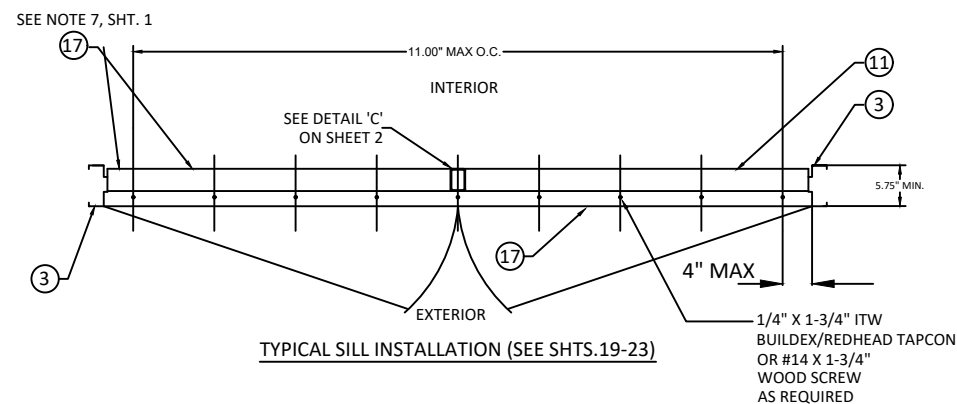
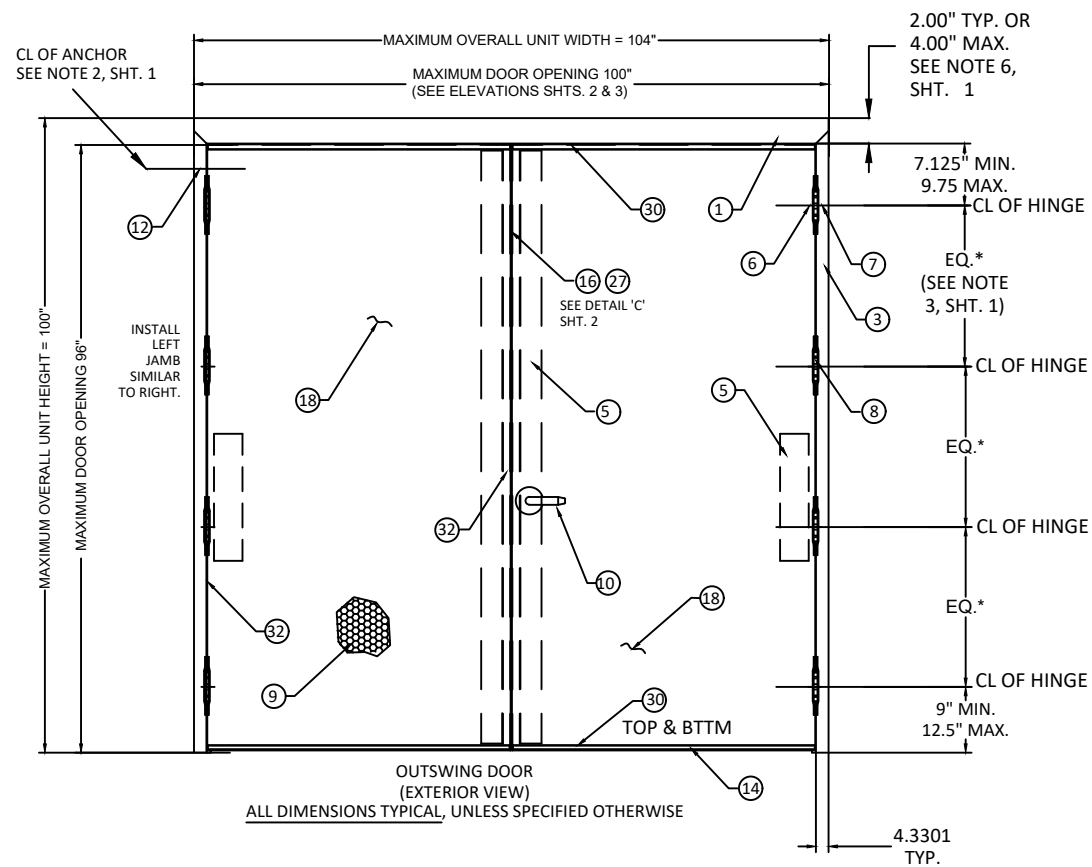
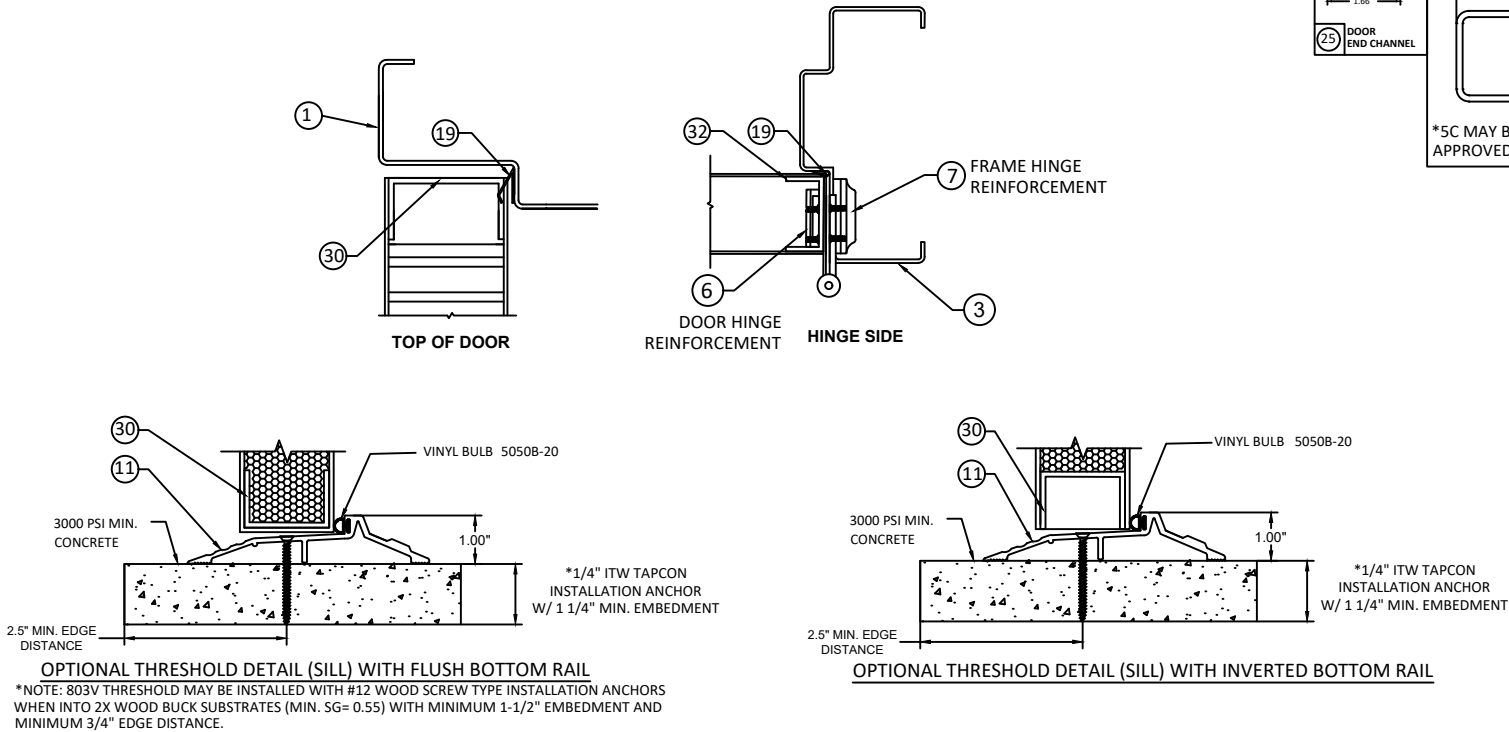
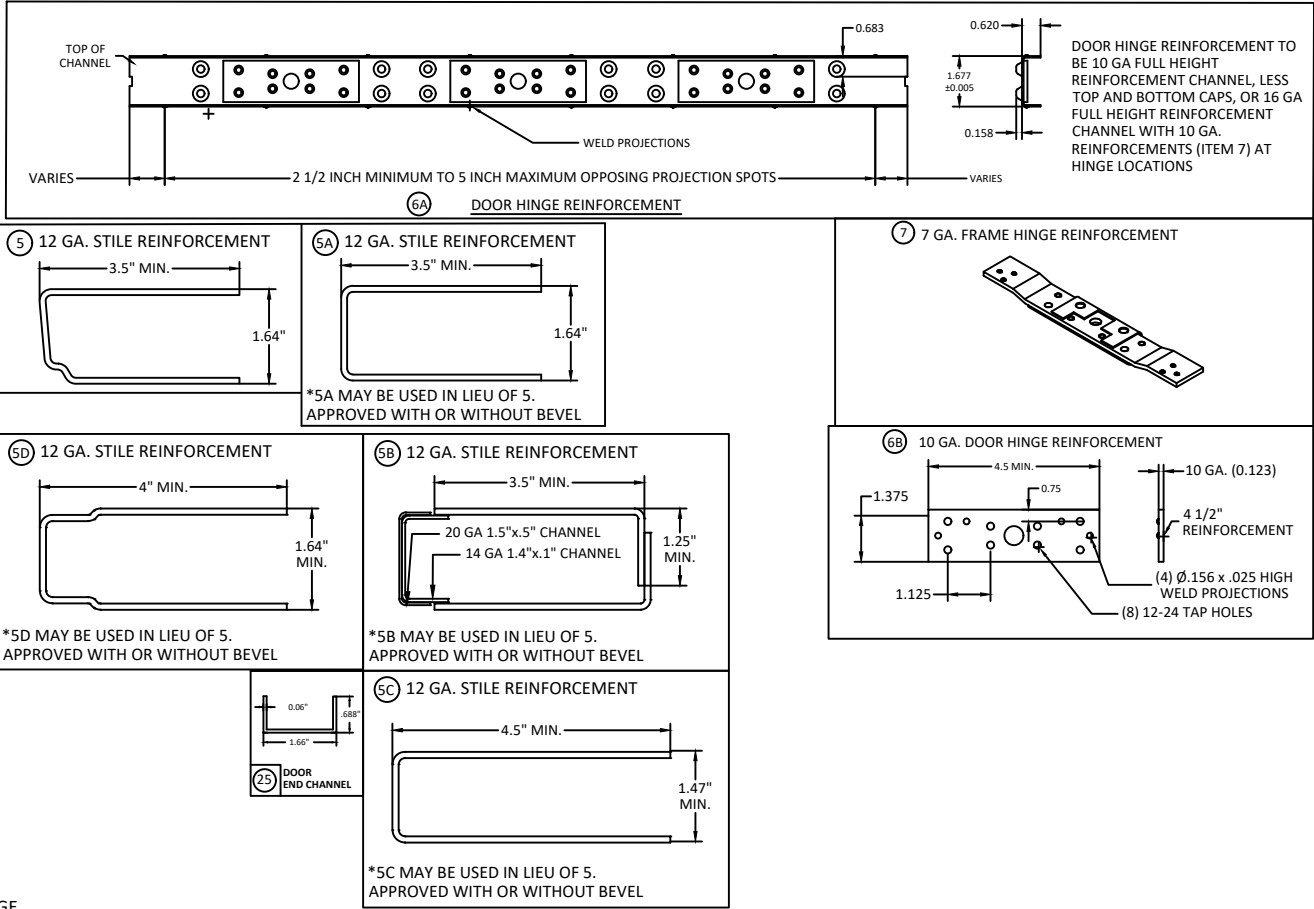
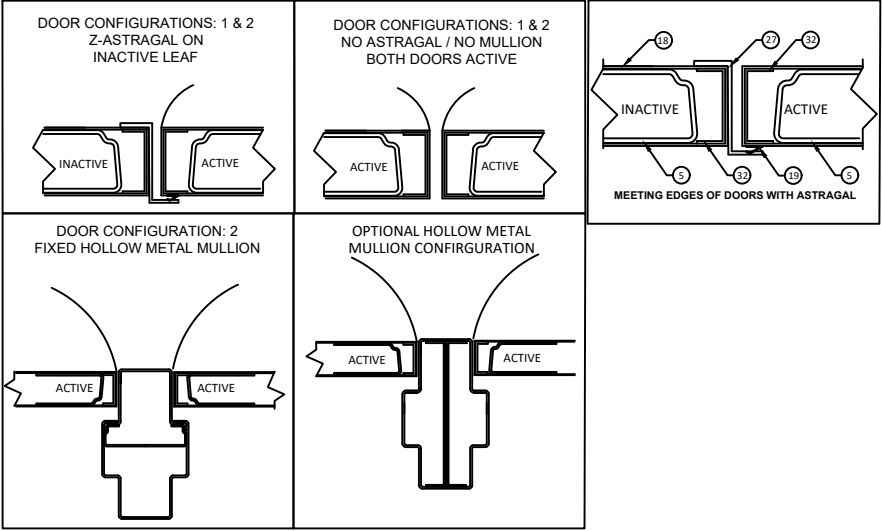


TABLE 9 (SEE TABLE 2, SHEET 3 FOR OPTION 1 CONFIGURATION)

	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD (SEE SHT. 9)	.053" MIN. STL	MAX. 100"
2	-	-	-	-
3	2	HINGE JAMB (SEE SHT. 9)	.053" MIN. STL	MAX. 100" HEIGHT.
4	2	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
5A-D	2	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	3.5" X 93.44" MAX.
6	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.167" MIN. STL	1.23" X 9.19" MIN.
6A	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.053" MIN. STL	1.677" X FULL LENGTH-END CHNLS
6B	NOTE 3, SHT. 1	HINGE REINFORCEMENT DOOR	.123" MIN. STL	1.375" X 4.5" MIN.
7	NOTE 3, SHT. 1	HINGE REINFORCEMENT FRAME	.167" MIN. STL	1.5" X 9.19" MIN.
8	NOTE 3, SHT. 1	4.5" MIN. BUTT HINGES OPTIONAL CONTINUOUS HINGE	.134 MIN. .750" MIN. STL/12 ALUM	(8) #12-24 M5 PER HINGE MAX. 95"
9	2	CORE MATERIAL (SHT. 13): D) HONEYCOMB C) STEEL STIFFENED B/F) POLYURETHANE/POLYISOCYANURATE	A/F) POLYSTYRENE E) MINERAL BOARD	TEMPERATURE RISE CORE
10	2	LOCKING HARDWARE		
		THRESHOLD SILL W/BUMPER GASKET (SEE SHT. 8)		
11	1	11A) 65A, 556A ZERO (SEE SHT. 8) 11B) 950A NGP (SEE SHT. 8) 11C) PEMKO 2005AT	.125" ALUM. 6063 T5 ALUM. 6063 T5 ALUM. 6063 T5	5.0"X0.5"X96"MAX.
12	NOTE 1, SHT. 1	JAMB ANCHOR	SEE SHTS. 5-7, 14, 15, 19-23	
13	SEE SHTS. 7	13A) PS074 DOOR SEAL 13B)188S, 13C)117S, 13D)8144S, 13E)8150S DOOR SEAL ZERO	TPE SILICONE	VARIES
14	2	FAS-SEAL DOOR SWEEP SEE SHT. 8	TPE	MAX. 47.66"
15	-	NOT USED	-	-
16	1	16A) 328 SPLIT ASTRAGAL BY ZERO INT'L (OPTION) 16B) 137 SPLIT ASTRAGAL BY NGP (OPTION)	SEE SHT. 8 SEE SHT. 8	
17	AS NEEDED	CAULK - BUTYL RUBBER OR SILICONE		
18	2	DOOR SLAB (16 OR 14 GA)	SEE SHT. 9	4' X 8' MAX.
19	1	19A) 8150S DOOR SEAL BY ZERO INT'L (SEE SHTS. 8) 19B) 188S DOOR SEAL BY ZERO INT'L (SEE SHTS. 8) 19C) WEATHERSTRIPPING F)PS074	TPE	MAX. 24' MAX. 21'
20	4	202N DOOR SEAL BY NGP (SEE SHTS. 8)	TPE	MAX. 96"
21	2	21A) 139 DOOR SWEEP BY ZERO INT'L 21B) 328 DOOR SWEEP BY ZERO INT'L 21C) 200N DOOR SWEEP BY NGP	SEE SHTS. 8	MAX. 96" FOR VERTICAL MAX. 48" FOR HORIZONTAL
22	2	22A) 475 ADJUSTABLE SEAL BY ZERO INT'L (SEE SHTS. 8) 22B) 170N ADJUSTABLE SEAL BY NGP (SEE SHTS. 8)	TPE	MAX. 48"
23	1	23A) 142 RAIN DRIP BY ZERO INT'L		MAX. 104"
	2	23B) 11 RAIN DRIP BY ZERO INT'L 23C) 16A RAIN DRIP BY NGP	SEE SHTS. 8	MAX. 48"
24	-	NOT USED	-	-
25	2	IVES 360 12" SURFACE BOLT		
26	1	ASA STRIKE (OPTION)		
27	1	Z-ASTRAGAL (OPTION)	.067" MIN. STL	MAX. 95.5
28	1	HOLLOW METAL MULLION (SINGLE OR DOUBLE RABBIT)	SEE SHT. 17 & 18	MAX. 96"
28A	1	ALTERNATE METAL MULLION	SEE SHT. 17 & 18	MAX. 96"
29	1	IVES 698/U698 DOOR VIEWER	BRASS	
30	4	END CHANNEL (16 GAUGE-INVERTED OR FLUSH)	.053" MIN. STL	.62" X 1.66" X 47.66" MAX.
31	1	HOLLOW METAL MULLION	SEE SHT. 17 & 18	MAX. 96"
32	4	EDGE CHANNEL (16 GAUGE)	.053" MIN. STL	.62" X 1.66" X 48" MAX.

c:\users\julianalexander\building drops, inc\building drops landing - common\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg 12/18/2024 1:00 PM



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

REPUBLIC DOORS: REINFORCEMENT
& HINGE DETAILS

PREPARED BY:

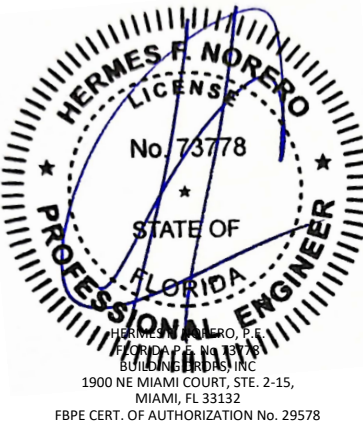
BUILDING DROPS, INC.

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



REMARKS	BY	DATE

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.



FL #:
FL20736

DATE: **10.08.2024**

DWG. BY: **JA** CHK. BY: **HN**

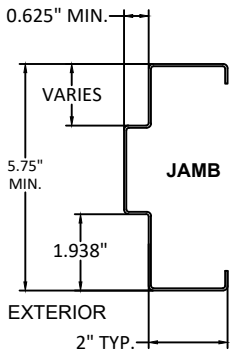
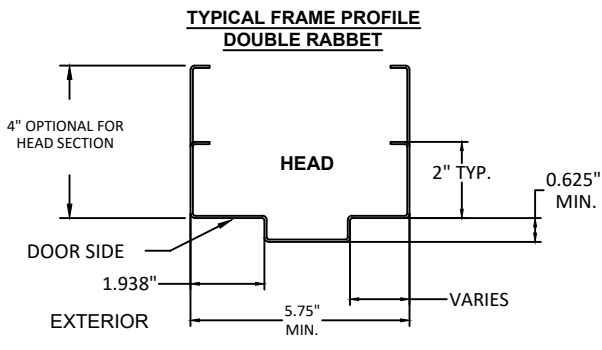
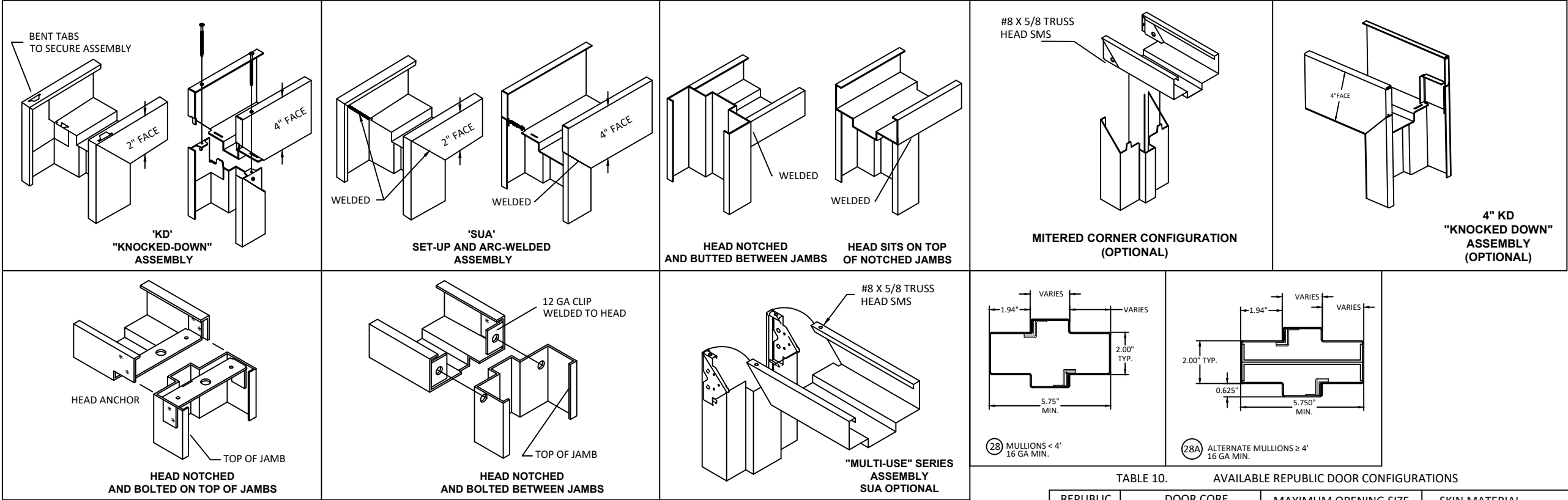
SCALE: **NTS**

DWG. #: **PL 2016-DF**

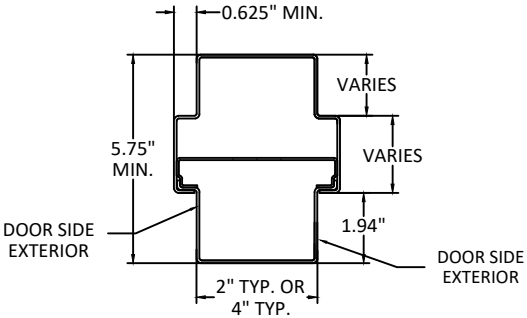
SHEET:

17

c:\users\julianalexander\building drops, inc\building drops, inc\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg 12/18/2024 1:00 PM

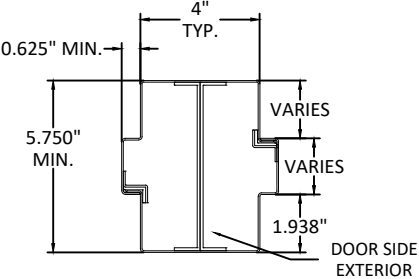


28 HOLLOW METAL MULLION DOUBLE RABBET

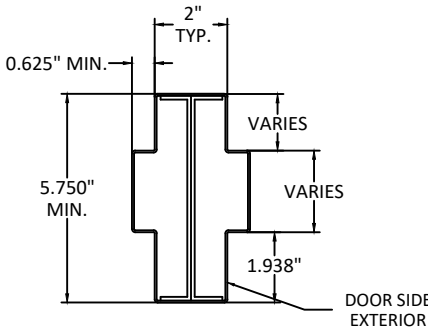


MATERIAL IS PER TABLE 7. MINIMUM THICKNESS IS 0.053" (16 Ga.)

28A HOLLOW METAL MULLION W/ 4" TYP. FACE



31 HOLLOW METAL MULLION



MATERIAL IS CRS. MINIMUM THICKNESS IS 0.053" (16 Ga.)

TABLE 11. STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSI	TENSILE KSI
CRS	A1008	MIN. 30.1	MIN. 44.7
HRS	A1011		
GALV.	A653/A924		

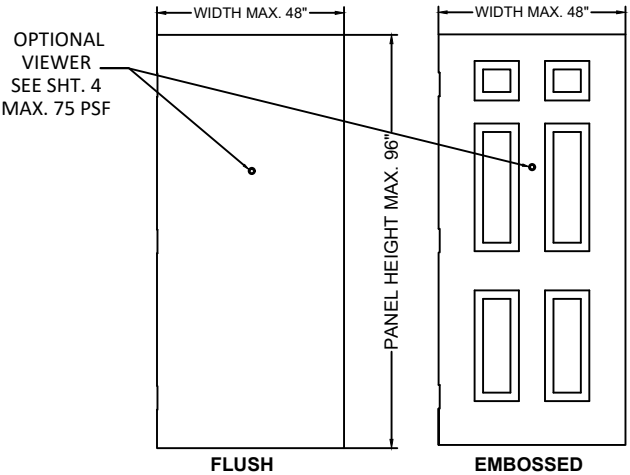
TABLE 10. AVAILABLE REPUBLIC DOOR CONFIGURATIONS

REPUBLIC DOOR SERIES	DOOR CORE MATERIAL PER SHT. 12	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
DL	HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	SNGL-4'-0"	8'-0"	CRS. GALV.	16/.053"
DE		SNGL-4'-0"	8'-0"	CRS. GALV.	14/.067"

TABLE 9. AVAILABLE REPUBLIC FRAME CONFIGURATIONS

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

AVAILABLE DOOR PANEL CONFIGURATIONS



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

REPUBLIC DOORS: FRAME DETAILS
& CORNER CONSTRUCTION

PREPARED BY:

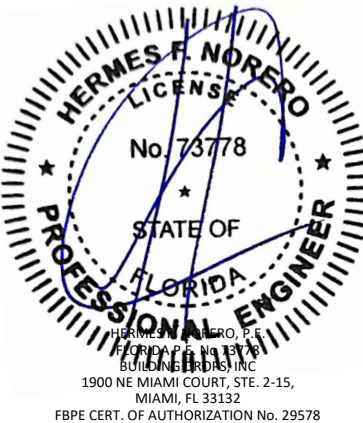
BUILDING DROPS, INC.

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



REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY:
JA

CHK. BY:
HN

SCALE: NTS

DWG. #: PL 2016-DF

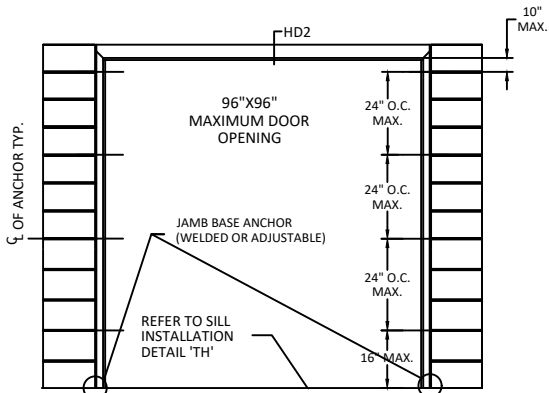
SHEET:

18

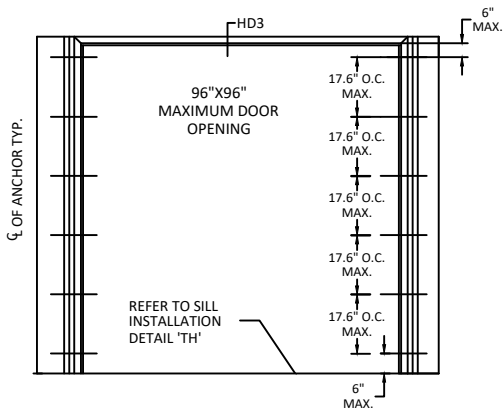
OF 23

c:\users\julianalexander\building drops, inc\building drops, inc\projects\allegion\bc-24-0851 - fbc submittal - f120736 drawing format update\dwgs\120736.1 flush double.pl 2016-df.dwg 12/18/2024 1:00 PM

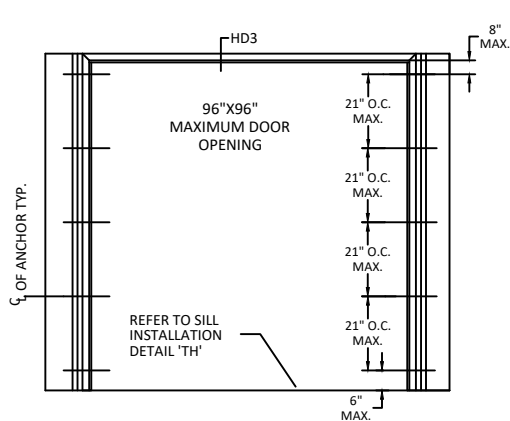
1 WIRE OR T MASONRY ANCHOR INTO
GROUT FILLED FRAME AND BLOCK WALL
UP TO 75 PSF



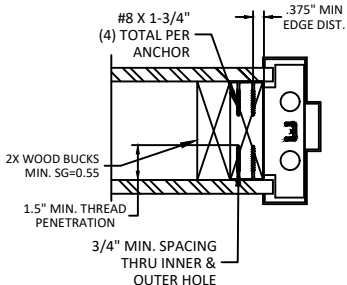
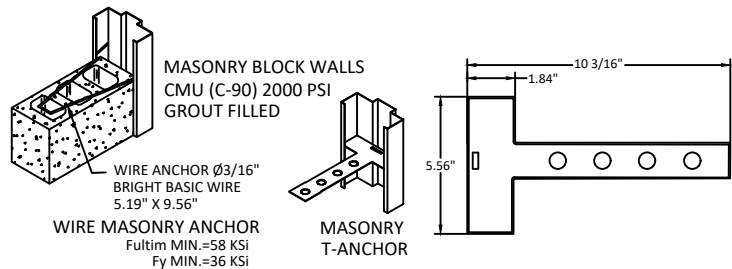
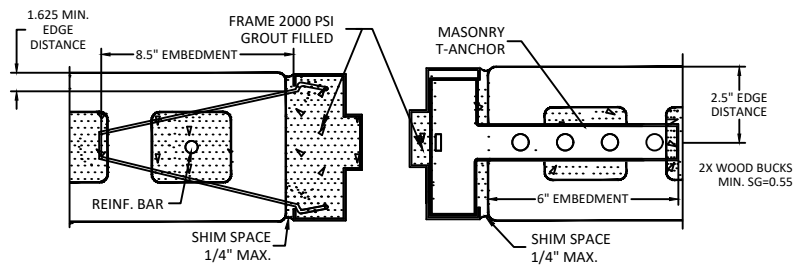
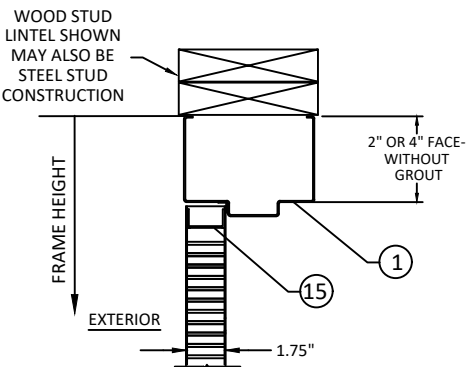
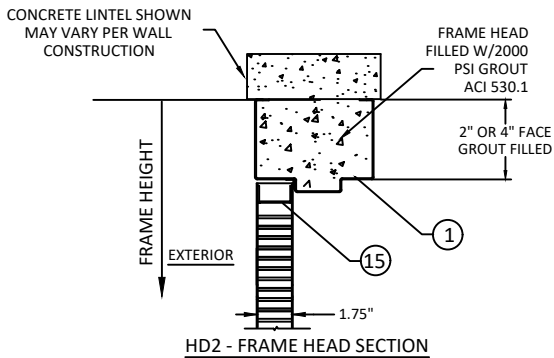
2 WOOD STUD ANCHOR
UP TO 75 PSF



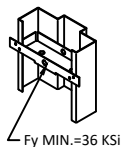
3 STEEL STUD ANCHOR
UP TO 75 PSF



SEE SHTS. 5-7, 14, & 15 FOR
OPTION 1 ANCHOR DETAILS



*WOOD STUD WALLS
SEE NOTE 1 & 4



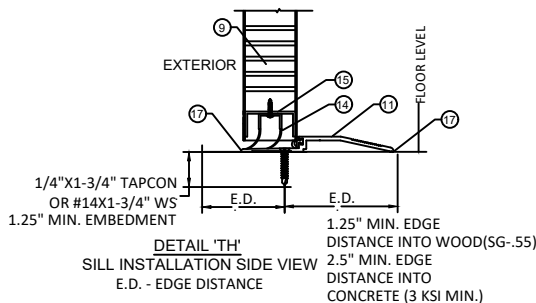
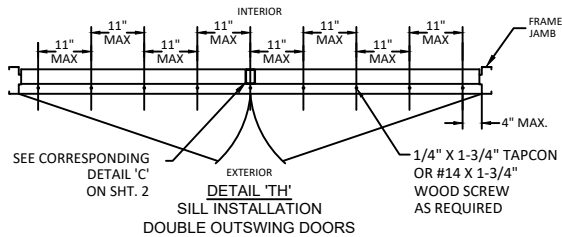
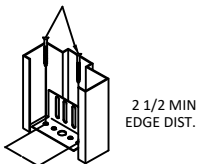
*STEEL STUD WALLS
SEE NOTE 1.



*STEEL STUD WALLS.
SEE NOTE 1.



JAMB BASE ANCHOR INTO
CONCRETE (3 KSI MIN.)
Ø0.375" WITH 2"
MIN. EMBEDMENT
POWERS POWER BOLT, 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 312 #/FT. LOAD FOR ASSEMBLIES RATED @ 75 PSF,AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.

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

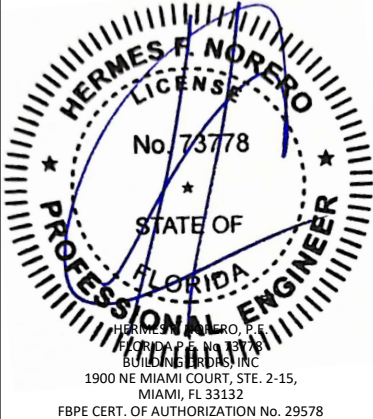
TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

ANCHORS: REPUBLIC UP TO 75PSF

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

REMARKS	BY	DATE

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.



FL #:
FL20736

DATE: **10.08.2024**

DWG. BY: **JA** CHK. BY: **HN**

SCALE: **NTS**

DWG. #: **PL 2016-DF**

SHEET:



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

ANCHORS: REPUBLIC
UP TO 75PSF CONT.

PREPARED BY:

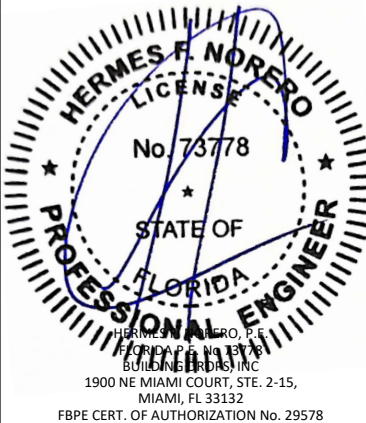
BUILDING DROPS, INC.

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



REMARKS	BY	DATE

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.



FL #:

FL20736

DATE: 10.08.2024

DWG. BY: JA
CHK. BY: HN

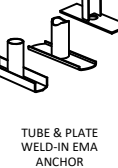
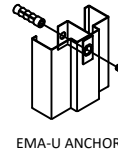
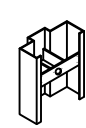
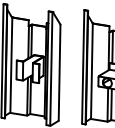
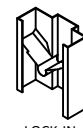
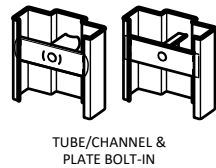
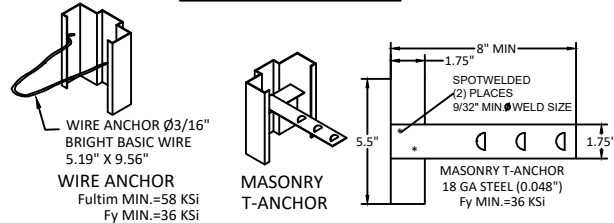
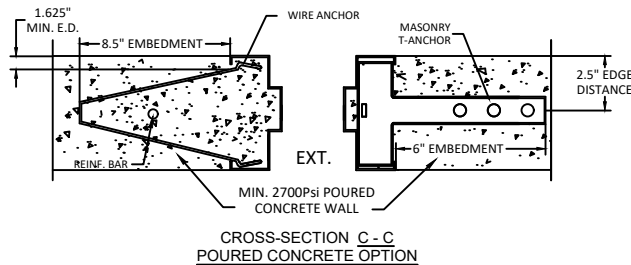
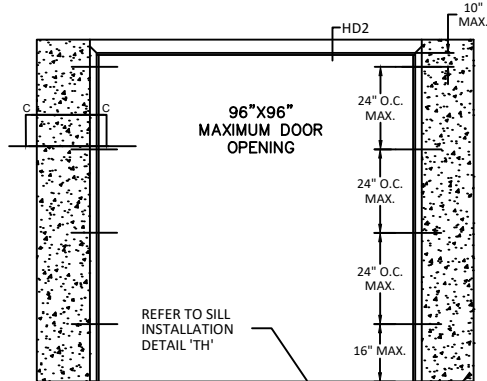
SCALE: NTS

DWG. #: PL 2016-DF

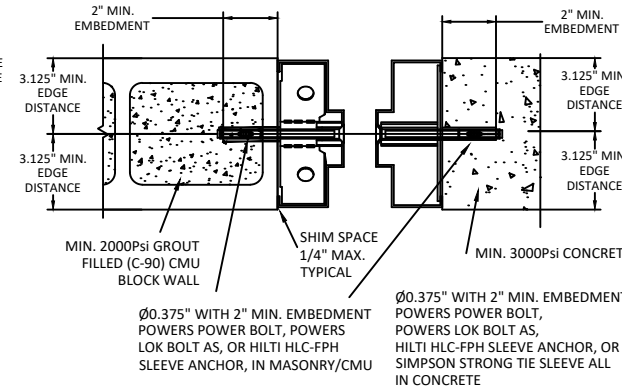
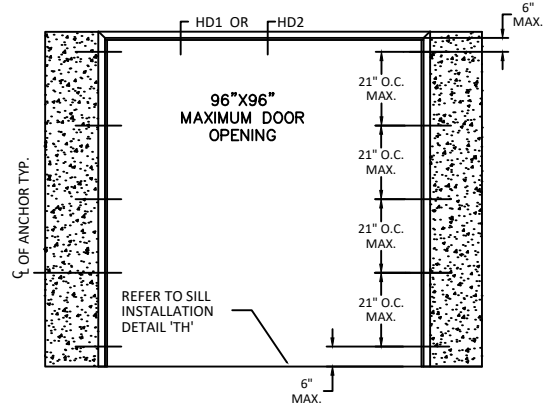
SHEET:

20

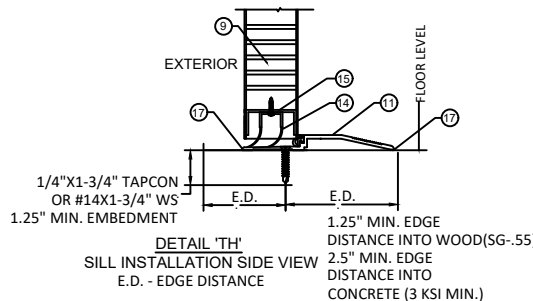
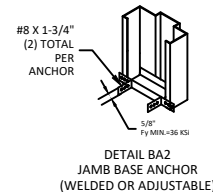
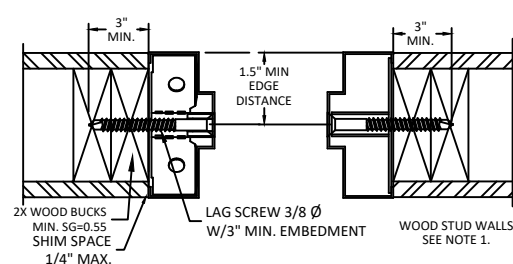
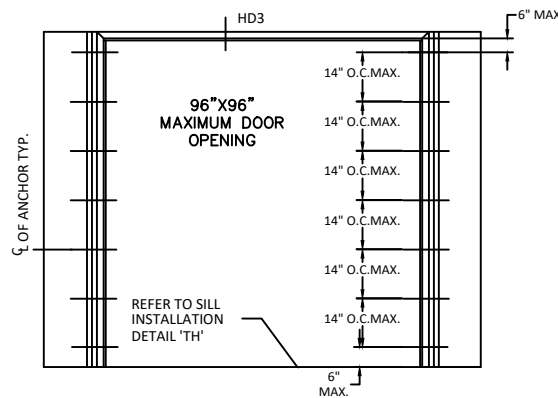
4 POURED CONCRETE
TILT UP WALL
UP TO 75 PSF



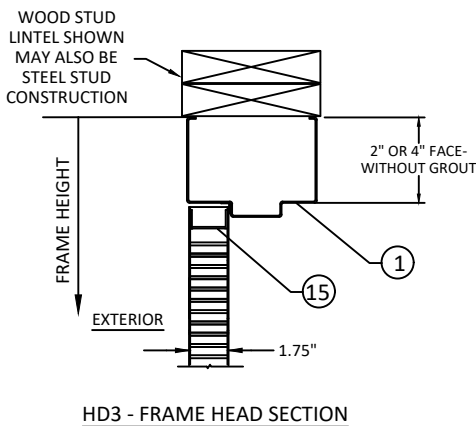
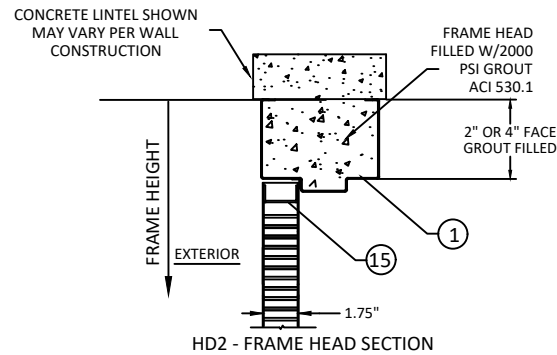
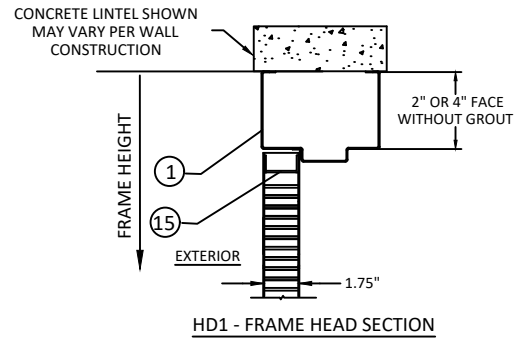
5 EXISTING MASONRY ANCHOR (EMA) INTO
CONCRETE WALL OR CMU UP TO 75 PSF



6 EXISTING MASONRY ANCHOR (EMA)
WITH LAG BOLT INTO WOOD STUD WALL
UP TO 75 PSF

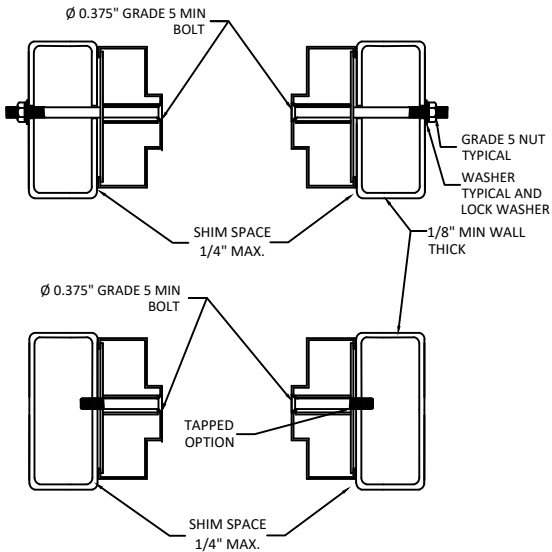
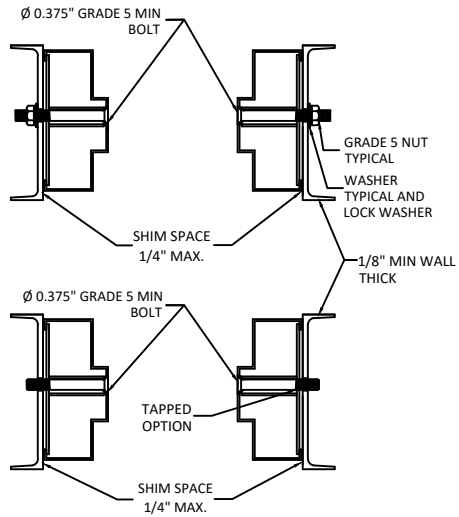
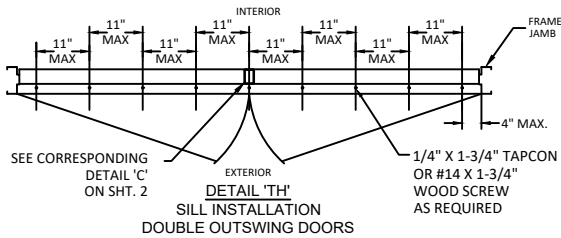
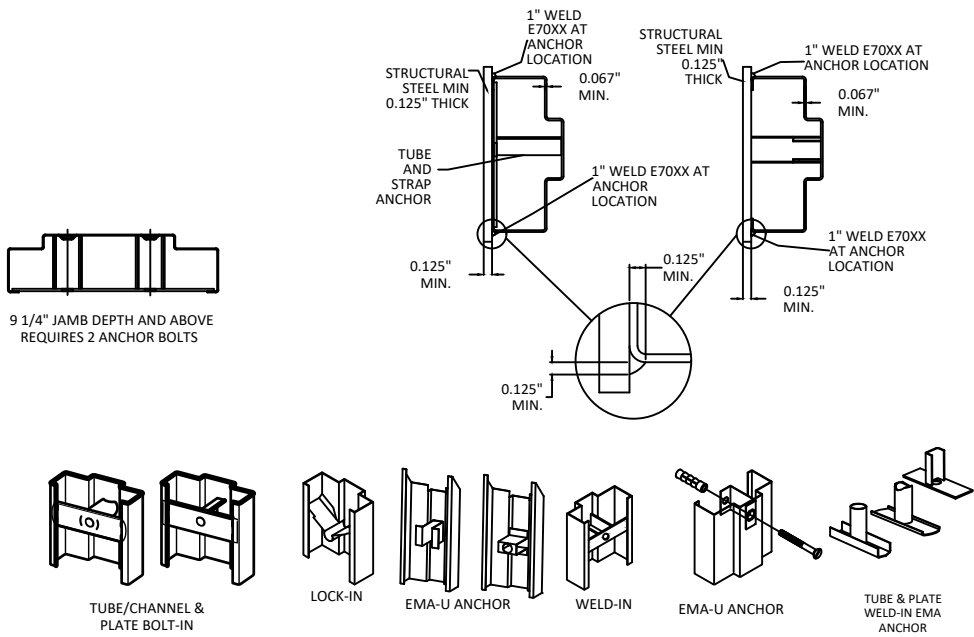
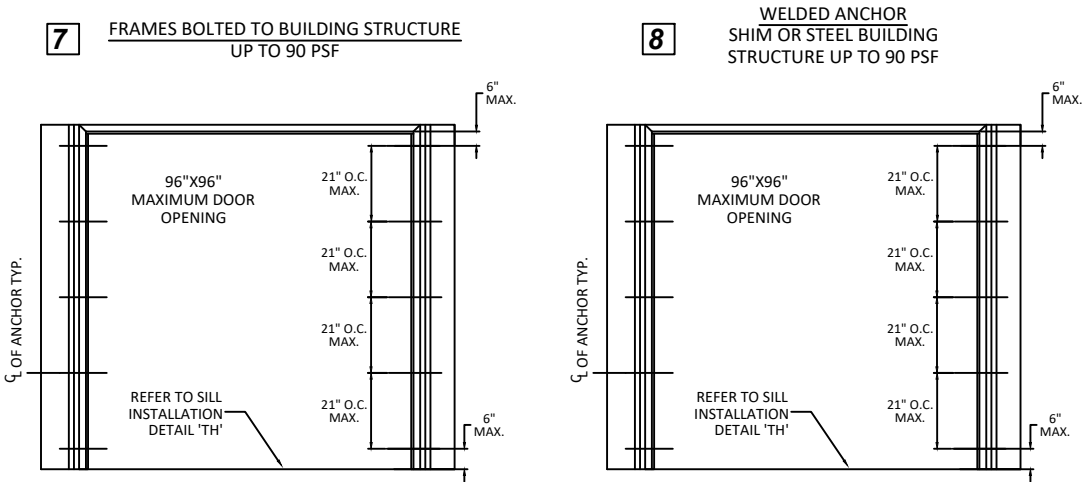


SEE SHTS. 5-7, 14, & 15 FOR
OPTION 1 ANCHOR DETAILS



NOTES:
1. (*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @ 75 PSF, AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.

SEE SHTS. 5-7, 14, & 15 FOR
OPTION 1 ANCHOR DETAILS



NOTES:
1.(*)WOOD OR (*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF, AND 375 #/FT. FOR ASSEMBLIES RATED @ 90 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.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

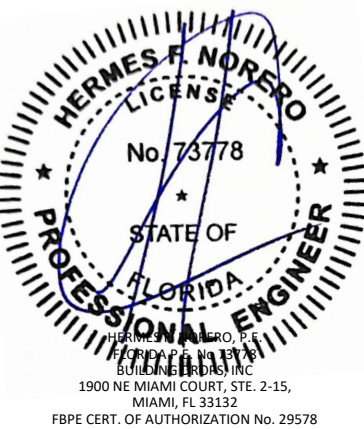
ANCHORS: REPUBLIC UP TO 90PSF

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com



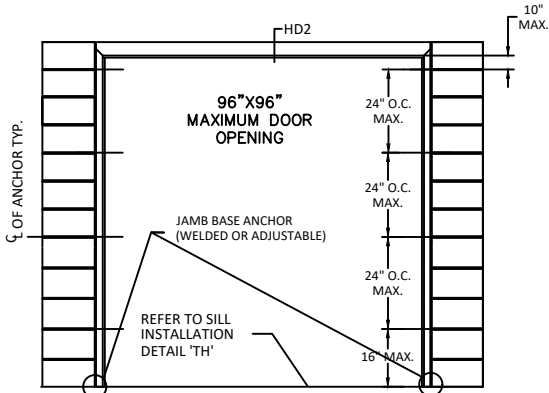
REMARKS	BY	DATE

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.

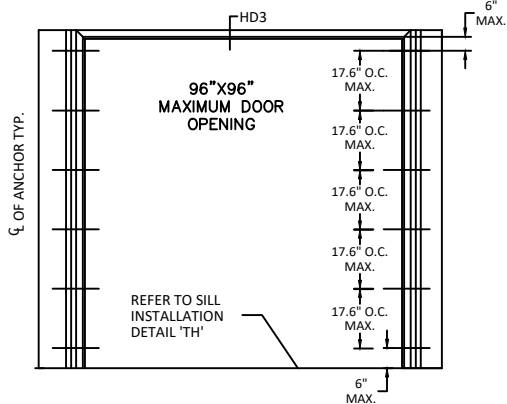


FL #:	FL20736
DATE:	10.08.2024
DWG. BY:	JA
CHK. BY:	HN
SCALE:	NTS
DWG. #:	PL 2016-DF
SHEET:	21

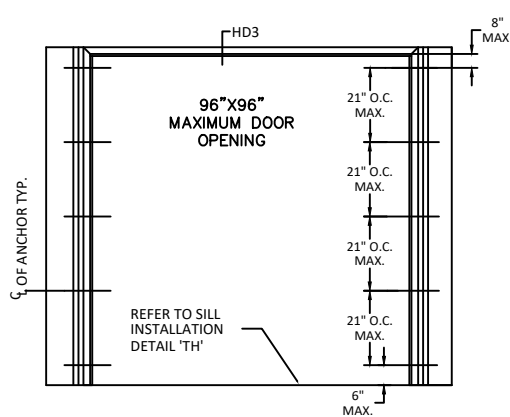
1A WIRE OR T MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL UP TO 100 PSF



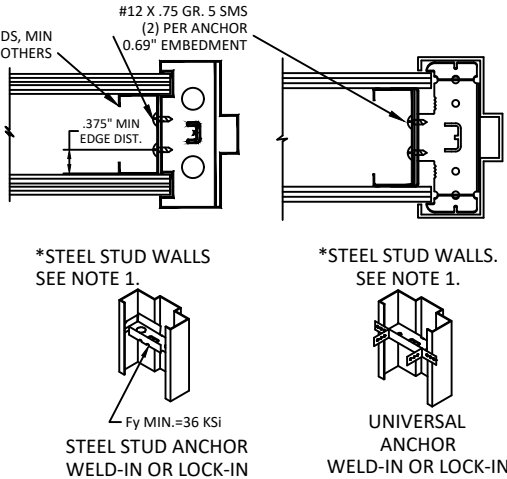
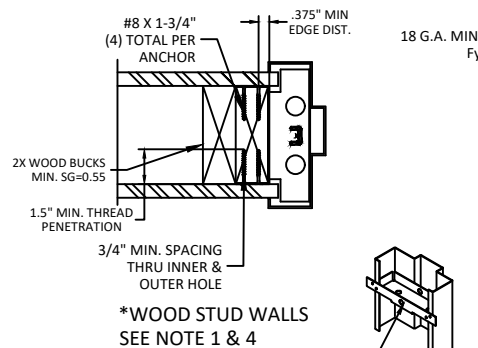
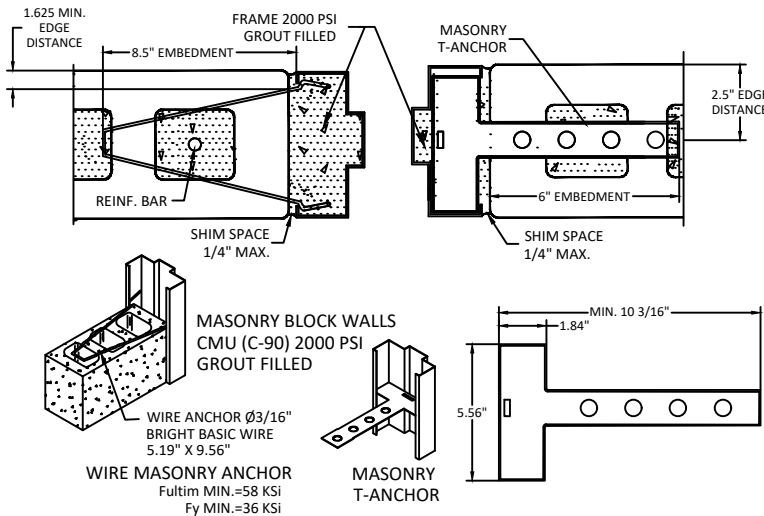
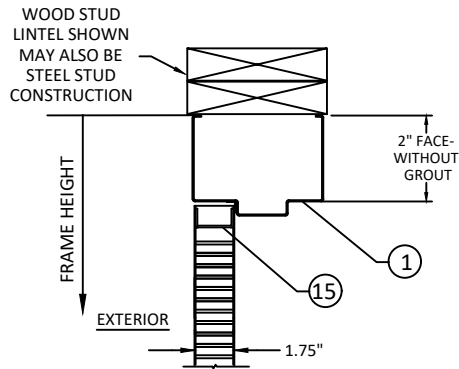
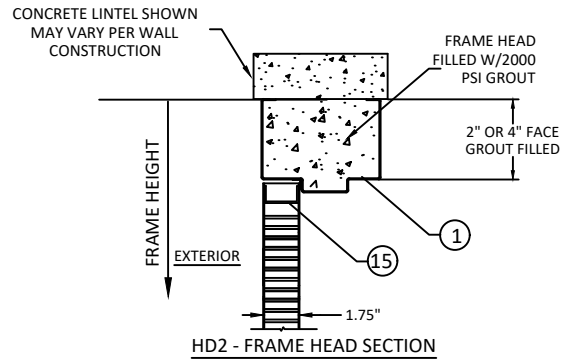
2A WOOD STUD ANCHOR UP TO 100 PSF



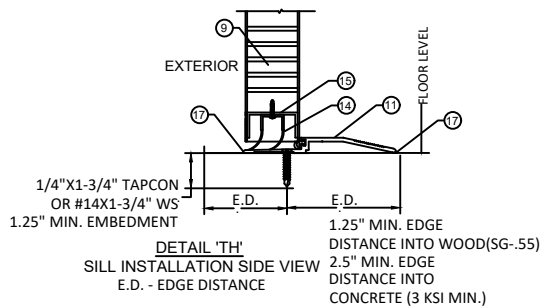
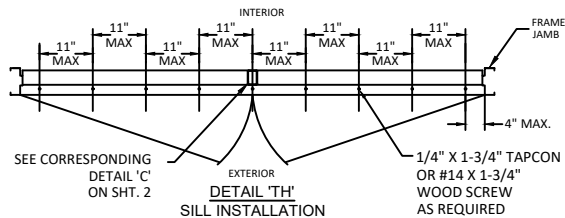
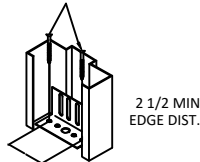
3A STEEL STUD ANCHOR UP TO 100 PSF



SEE SHTS. 5-7, 14, & 15 FOR OPTION 1 ANCHOR DETAILS



JAMB BASE ANCHOR INTO CONCRETE (3 KSI MIN.) Ø0.375" WITH 2" MIN. EMBEDMENT
POWERS POWER BOLT, 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 312 #/FT. LOAD FOR ASSEMBLIES RATED @ 75 PSF AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.



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

TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)

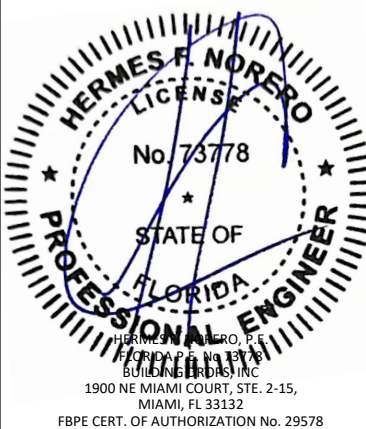
ANCHORS: REPUBLIC
UP TO 100PSF

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



REMARKS	BY	DATE

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.



FL #: **FL20736**

DATE: **10.08.2024**

DWG. BY: **JA** CHK. BY: **HN**

SCALE: **NTS**

DWG. #: **PL 2016-DF**

SHEET: **22**

**TITLE: DOUBLE FLUSH OUTSWING
COMMERCIAL STEEL DOORS
(HVHZ)(IMPACT)**

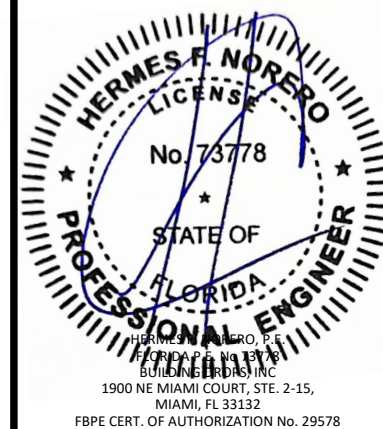
ANCHORS: REPUBLIC UP TO
100PSF CONT.

PREPARED BY:

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

REMARKS	BY	DATE

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



FL #:

FL20736

DATE: 10.08.2024

DWG. BY: JA	CHK. BY: HN
-----------------------	-----------------------

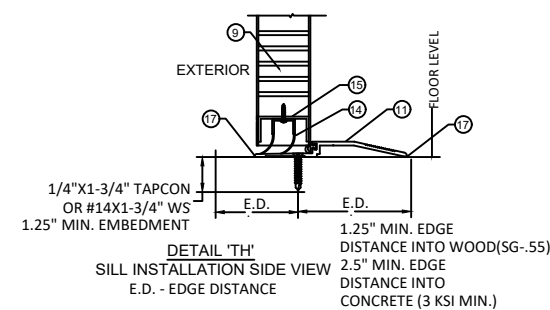
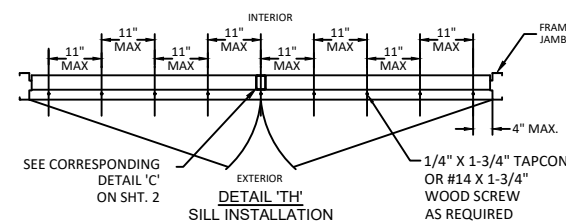
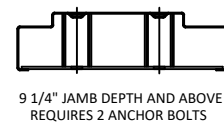
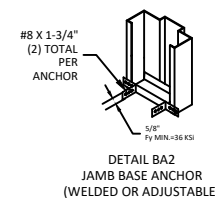
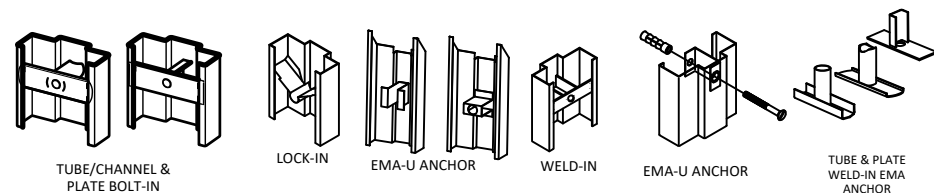
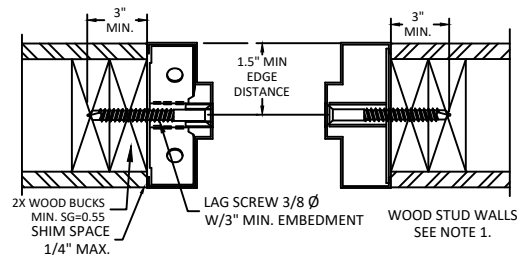
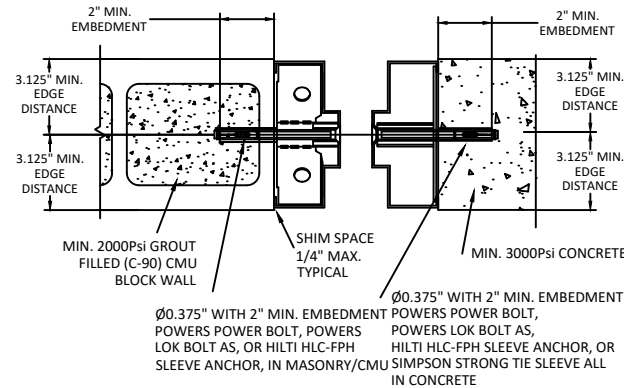
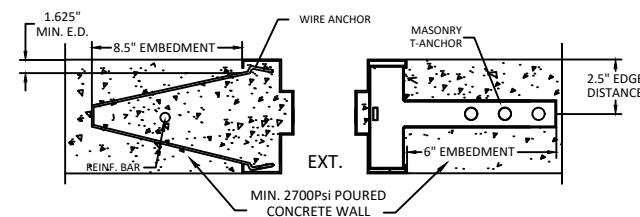
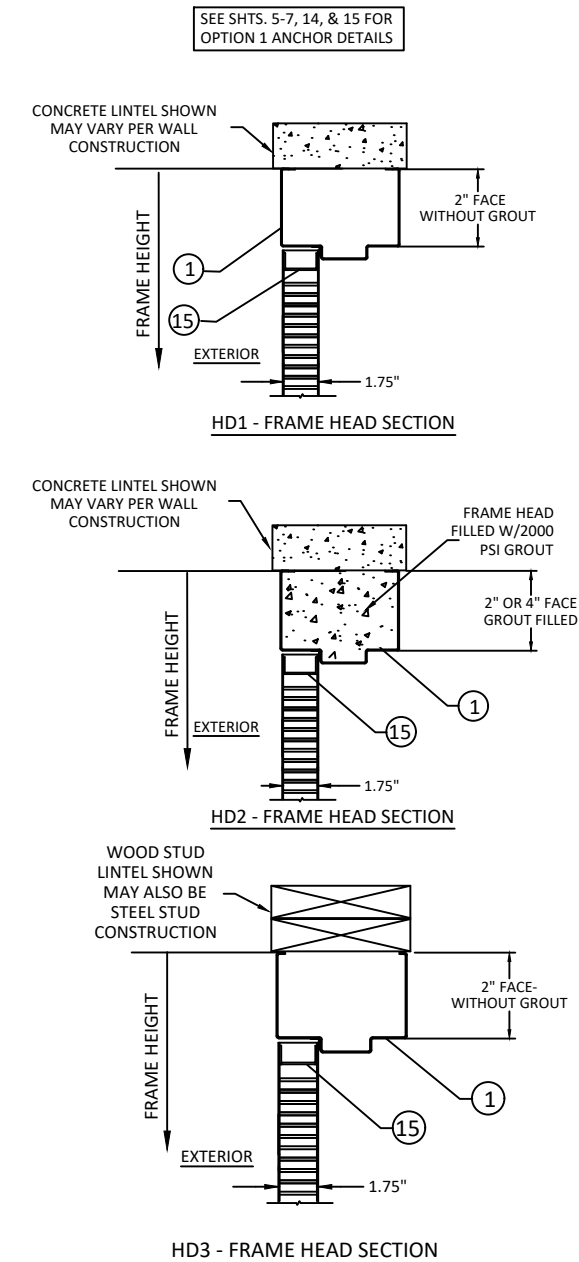
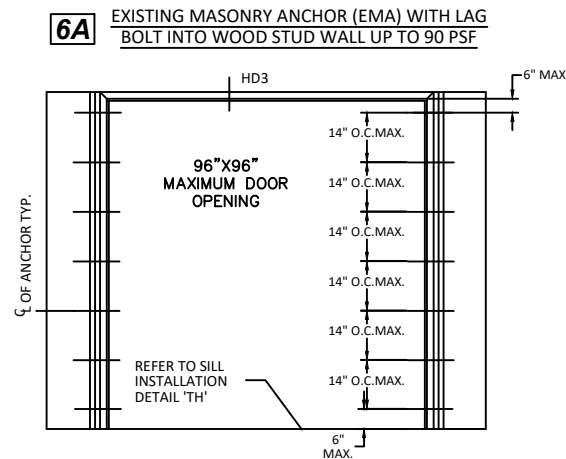
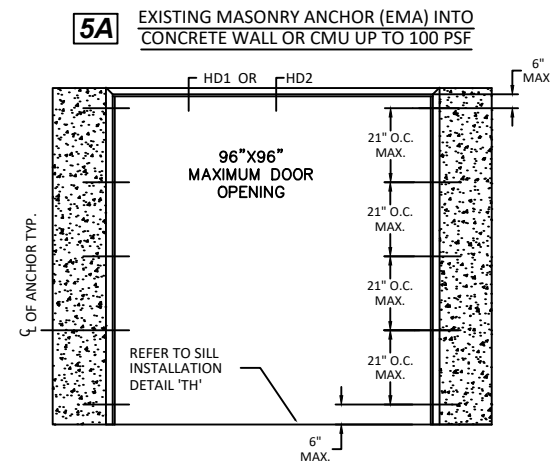
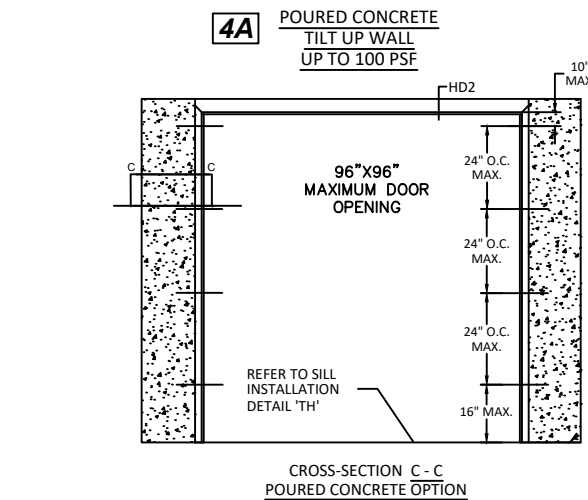
SCALE: NTS

DWG. #: PL 2016-DF

SHEET:

23

OF 23



NOTES:

1. (*) WOOD OR (*) STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @ 75 PSF, AND 375 #/FT. FOR ASSEMBLIES RATED @ 100 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.