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ALLEGION - SCHLAGE LOCK COMPANY, LLC.

OUTSWING SINGLE FLUSH WITH PANIC DOOR HARDWARE (HVHZ)(IMPACT)

GENERAL NOTES:

- THESE PRODUCTS COMPLY WITH THE CURRENT FLORIDA BUILDING CODE AND HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202, & 203-94 AND ASTM E1886-13A, E1996-14A & E330-14.
- THE DOORS ARE LARGE MISSILE IMPACT RATED.
- DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.
- ASSEMBLIES MEET FBC AIR INFILTRATION REQUIREMENTS.

NOTES:

- WEATHERSTRIPPING - INSTALL PER SHT. 10.
- ANCHOR REQUIREMENTS: SEE SHEETS 6 - 9 & 16 - 19 FOR APPROVED ANCHOR INSTALLATION REQUIREMENTS.
- BUTT HINGE REQUIREMENTS:
 - FOR DOOR OPENING UP TO 90" HIGH - MIN. (3) HINGES
 - FOR DOOR OPENING OVER 90" - 96" HIGH - MIN. (4) HINGES
 - LOCATIONS: MIN. 7.1257"- MAX. 9.75" FROM RABBIT IN HEAD TO CL OF TOP HINGE
 - MIN. 9.00"-MAX. 12.25" FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN.
- HINGE SPACING MAY VARY, MAXIMUM SPACE NOT TO EXCEED 35 1/2" BETWEEN HINGES.
- SEE SHT. 11 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
- HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS AND THESE DETAILS.
- 4" FACE HEAD IS AVAILABLE WHEN GROUTED FULL.
- APPLY CAULK AS NEEDED.
- SEE SHT. 13 FOR SECTION A-A, SEE SHT. 13 FOR SECTION B-B.
- EXIT HARDWARE OPTIONS:
 - FOR 98/99 & 33/35 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN, E, LD
- TRIM: ALL APPLICABLE TRIMS AVAILABLE.
- PN MODEL OFFERED.
- 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.
- 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.
- ITEMS 19 THROUGH 23 ARE OPTIONAL WEATHERSTRIP AND GASKETING.

CONSTRUCTION NOTES:

- DOOR CONSTRUCTION
 - NOMINAL DOOR THICKNESS - 1 3/4"
 - DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS
 - ALL DOORS ARE FLUSH - NO LITES OR LOUVERS APPROVED
 - 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.
- FRAME CONSTRUCTION
 - MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - STEELCRAFT FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 7, SHT. 11). REPUBLIC DOOR FRAME OPTIONS AVAILABLE AS ME-SERIES AND SE-SERIES (SEE TABLE 9, SHT. 15).
- FOR STEELCRAFT DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 8, SHT. 11. FOR REPUBLIC DOORS DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 10 SHT. 15.
- FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 11 & 15 FOR DETAIL.

DESIGN PRESSURE RATING		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED*
POSITIVE	NOT APPROVED	+ 75 PSF
NEGATIVE	NOT APPROVED	- 75 PSF

LARGE MISSILE IMPACT RATING	
TEST STANDARD	IMPACT
FBC TAS 201/203	34 MPH (50 FPS)
ASTM E1886 AND ASTM E1996	LEVEL "D" 34 MPH (50 FPS)

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ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
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TITLE: OUTSWING SINGLE FLUSH WITH PANIC DOOR HARDWARE (HVHZ)(IMPACT)

GENERAL NOTES & DESIGN PRESSURE TABLE

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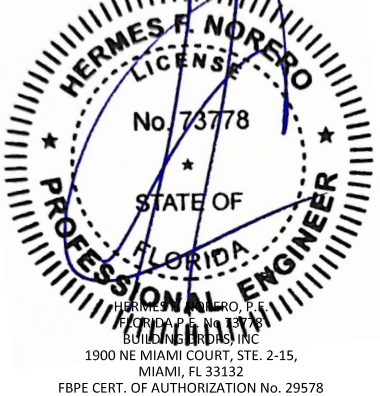
BUILDING DROPS, INC.
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REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

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.

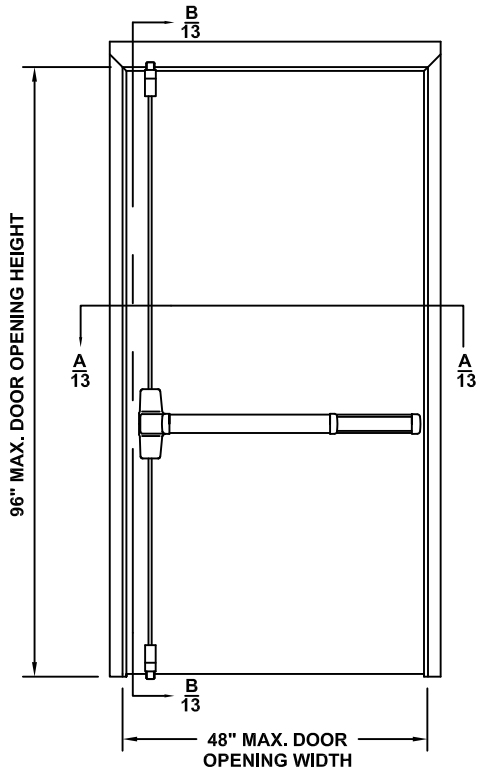
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CONCEALED
VERTICAL CABLE
EXIT



NOTES:
1. SEE SHEETS 12 AND 13 FOR LOCKING HARDWARE DETAILS.

TABLE 1.

Door Configuration	Maximum Design Pressure, PSF		Maximum Door Opening Size, in.		Locking Hardware Description				Comments
	Positive	Negative	Width	Height	Hardware Family	Model/Series	Strike Models	IR Brand	
1 Single Door	75	75	48	96	Concealed Vertical Cable Exit Device	9849,9949, 9849-F, 9949-F	249 Top, 349 Bottom	Von Duprin	Single Door
						3349A, 3549A, 3349A-F, 3549A-F	249 Top, 349 Bottom	Von Duprin	



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ELEVATION & TABLE 1: DOOR CONFIG.
& LOCKING HARDWARE

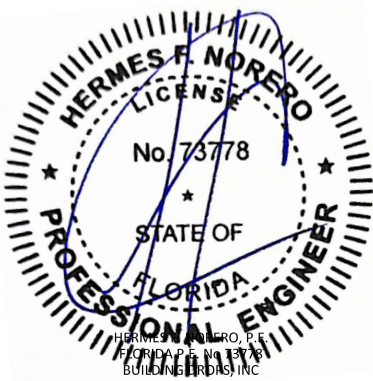
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HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
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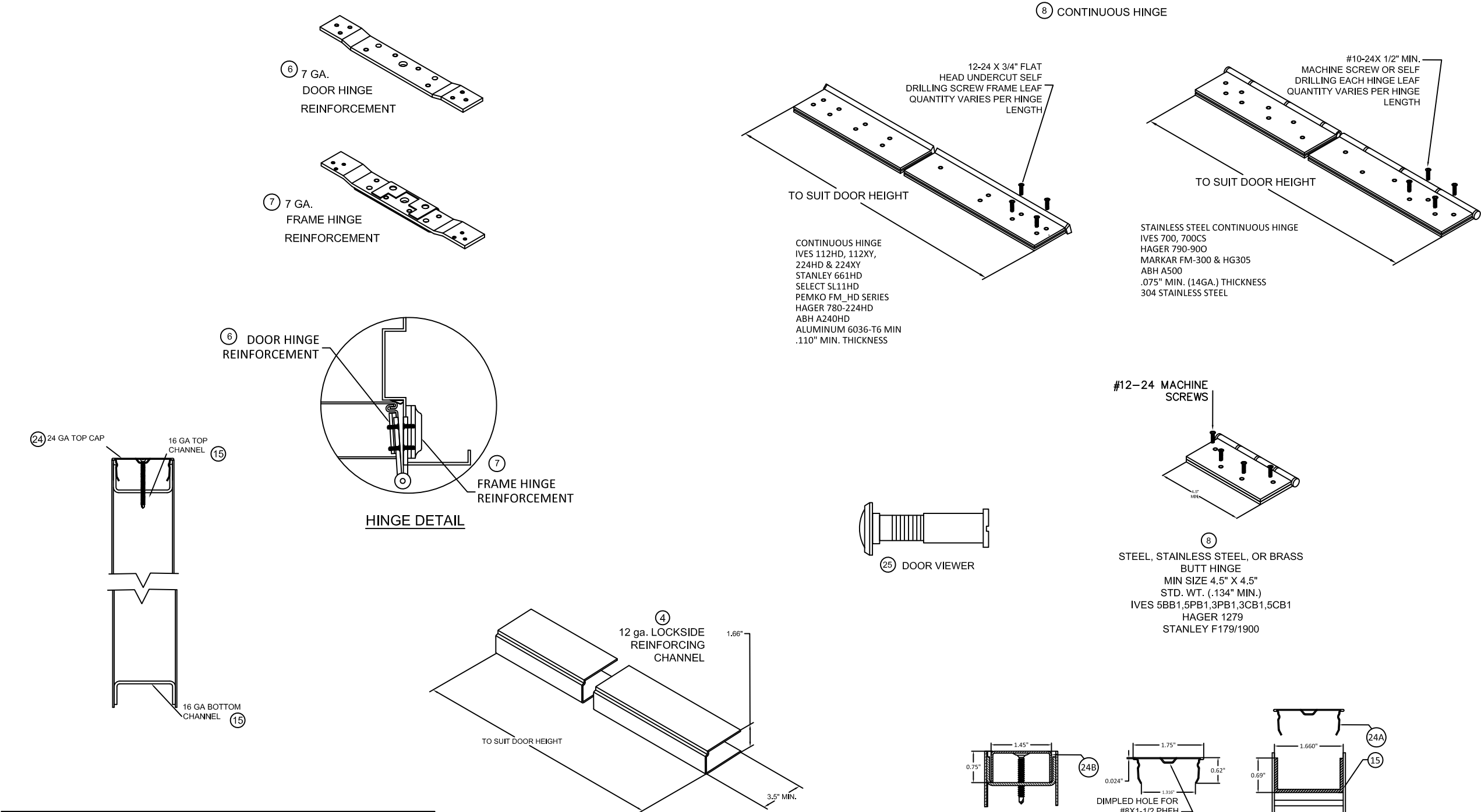
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HINGE NOTES:
1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER.
2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER.
3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS.
4. BUTT AND CONTINUOUS HINGES MAY INCLUDE ELECTRICAL THROUGH-WIRE, POWER TRANSFER AND MONITORING.
5. DOORS AND FRAMES DO NOT REQUIRE ADDITIONAL REINFORCEMENT WITH A CONTINUOUS HINGE.



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REINFORCEMENT & HINGE DETAILS

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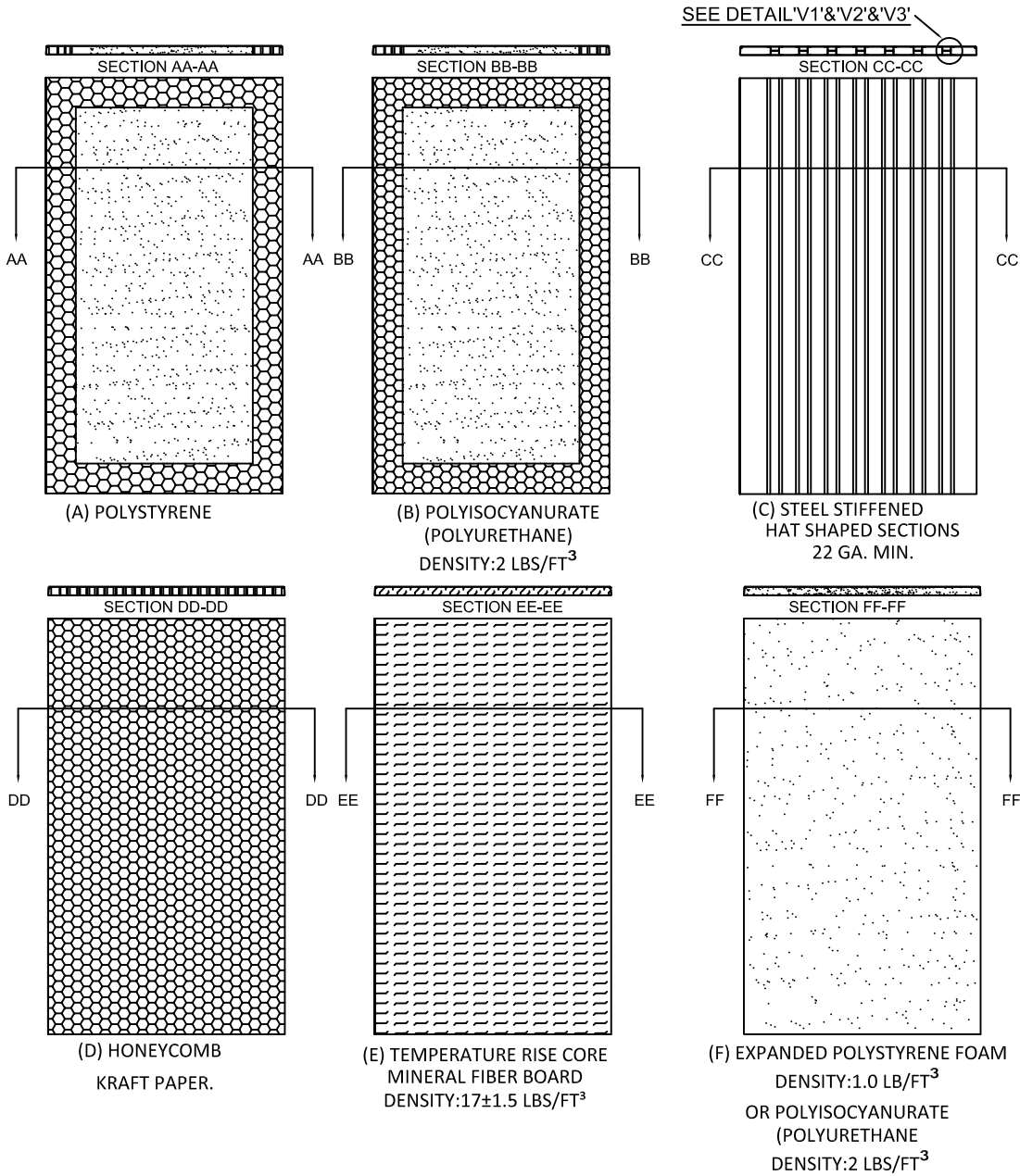


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NOTES:
1. CORE MATERIAL SHOWN WITHOUT DOOR CUTOUTS AND REINFORCEMENTS.



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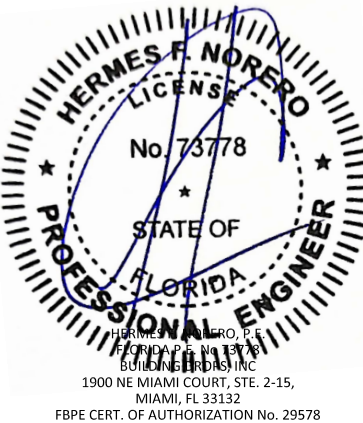
CORE OPTIONS

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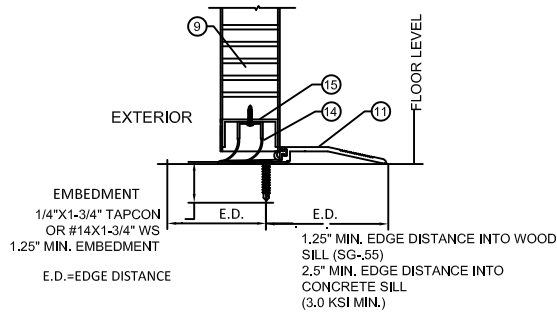
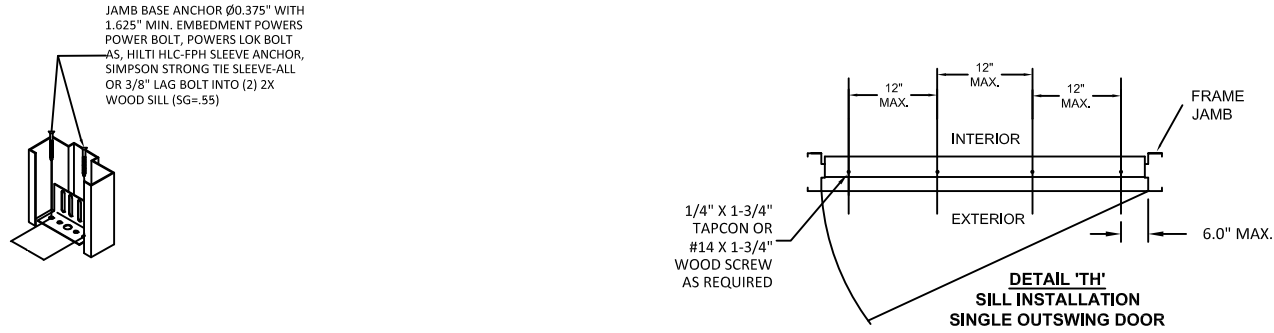
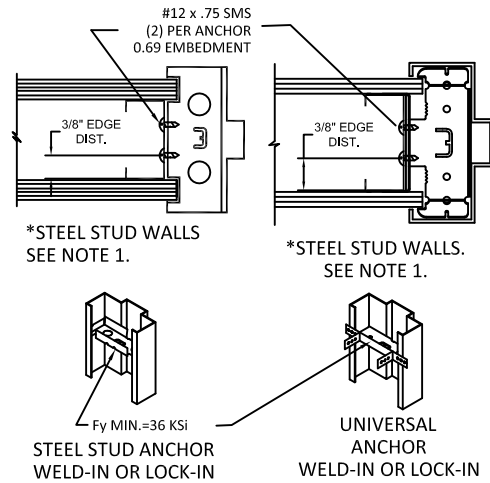
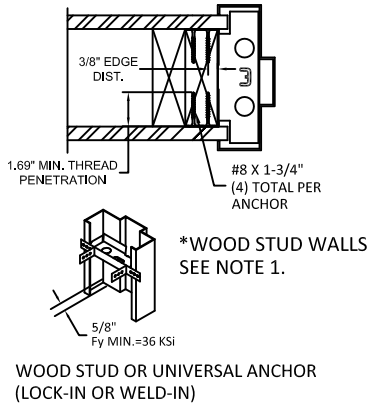
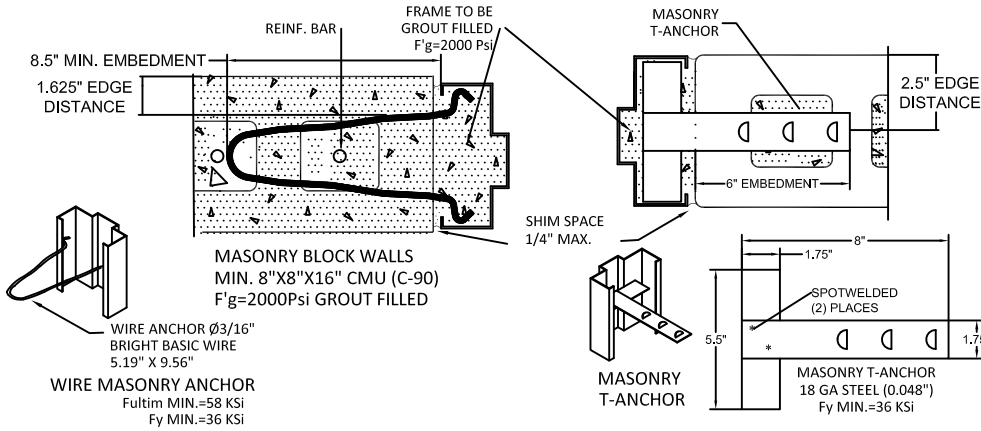
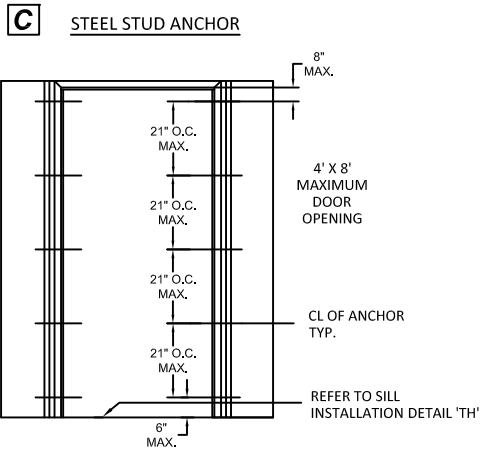
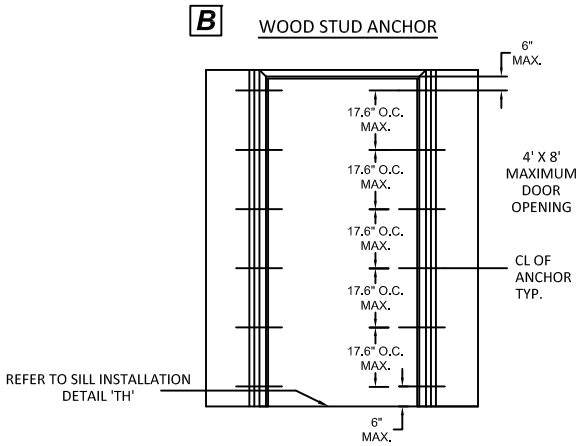
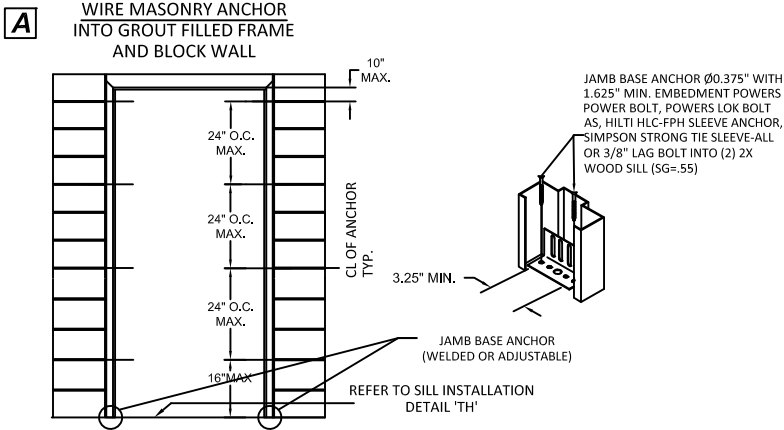
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SEE SHTS. 16-19 FOR OPTION 2 ANCHOR DETAILS



NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD CAN BE USED WITH ALL WALL TYPES.



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OPTION 1 ANCHORS - WOOD STUD JAMB ANCHOR & STEEL STUD JAMB ANCHOR & WIRE MASONRY ANCHOR
PREPARED BY: BUILDING DROPS, INC.
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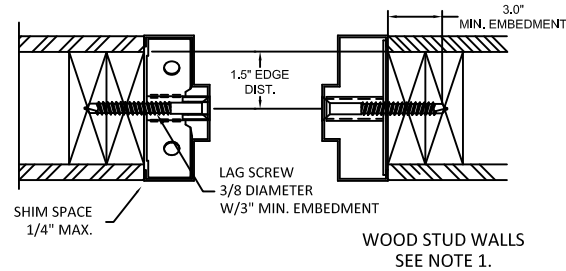
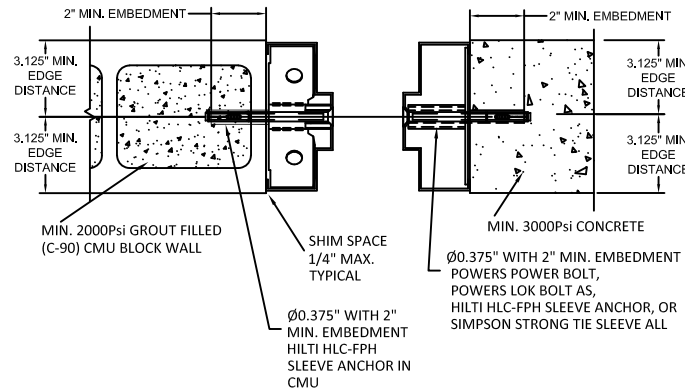
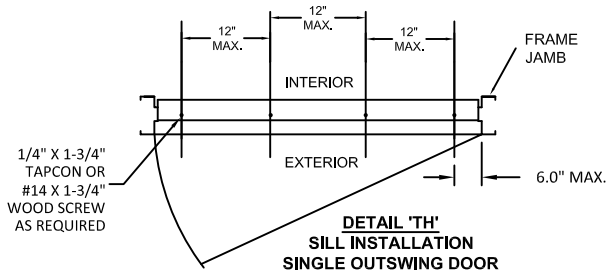
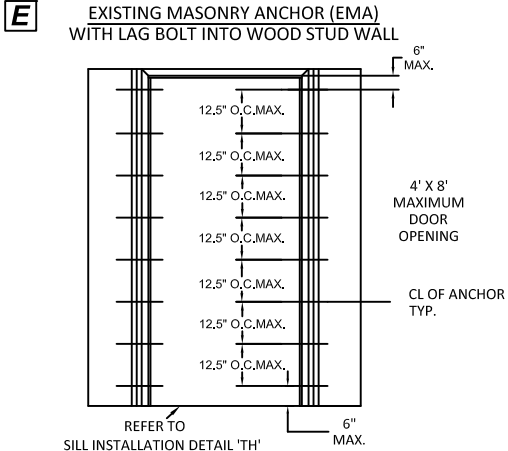
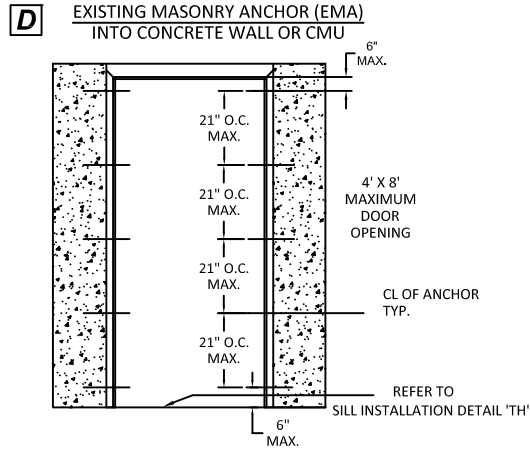
SEE SHTS. 16-19 FOR OPTION 2 ANCHOR DETAILS



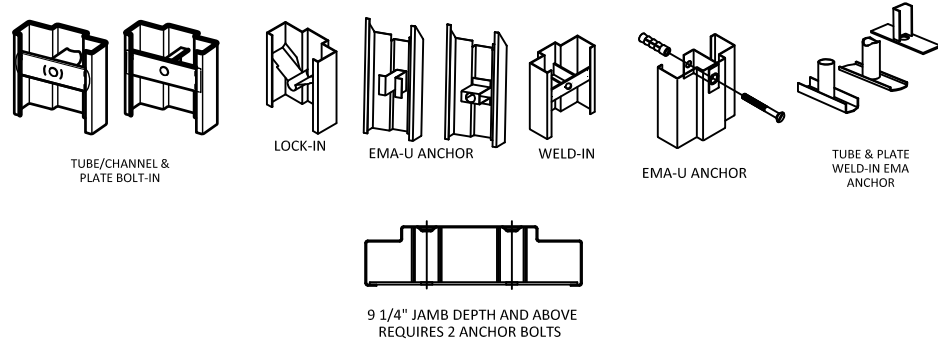
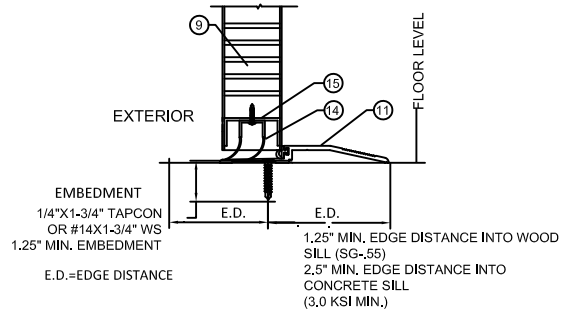
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OPTION 1 ANCHORS - EXISTING WALL JAMB ANCHOR W/ LAG SCREW INTO WOOD STUD WALL & INTO CONCRETE WALL OR CMU

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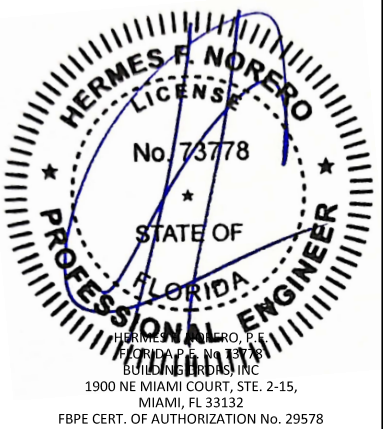
NOTE:
1. 3/8" LAG SCREWS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.



NOTES:
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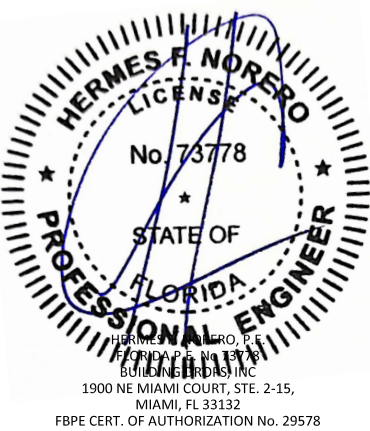
OPTION 1 ANCHORS - FRAMES BOLTED TO
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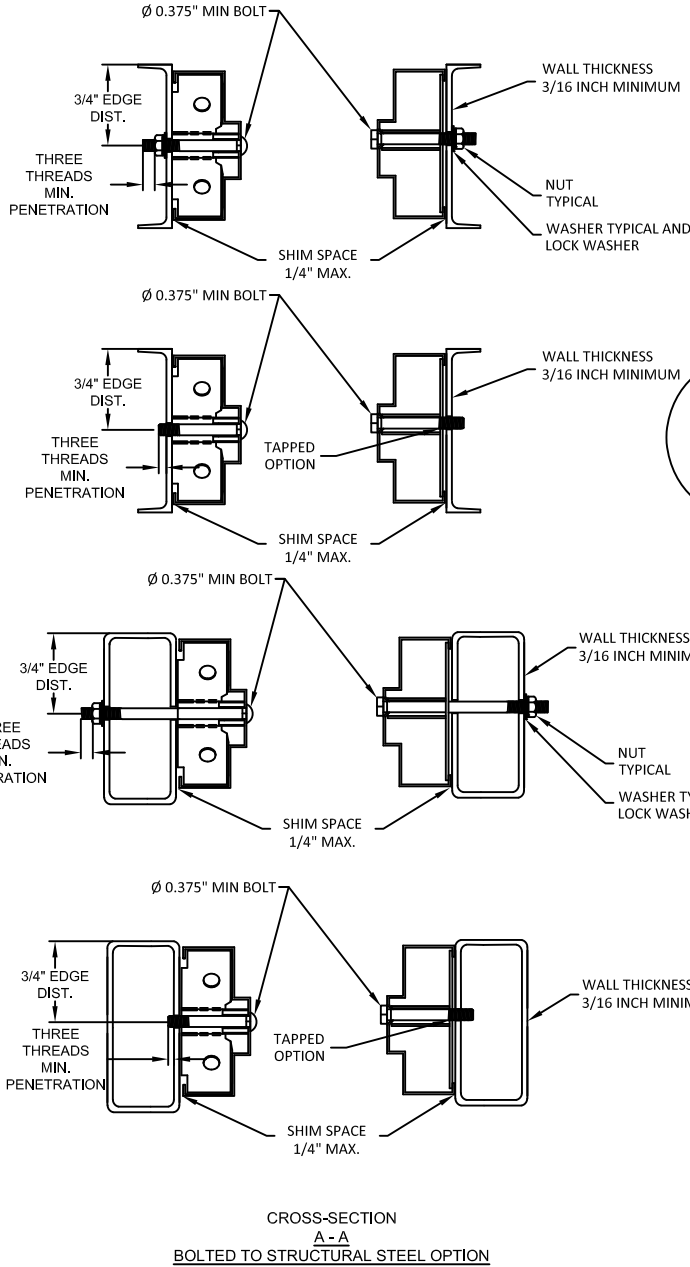


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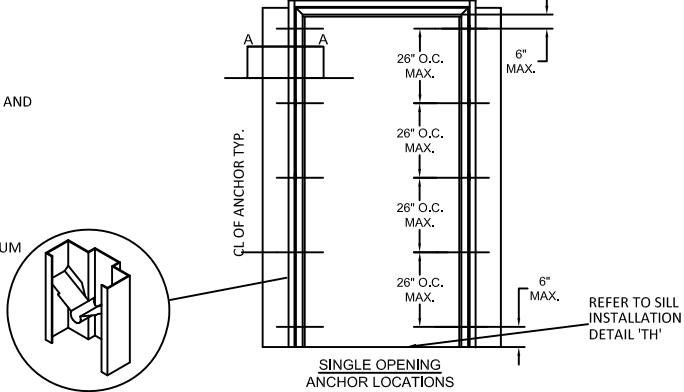


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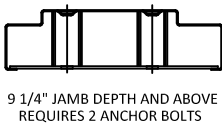
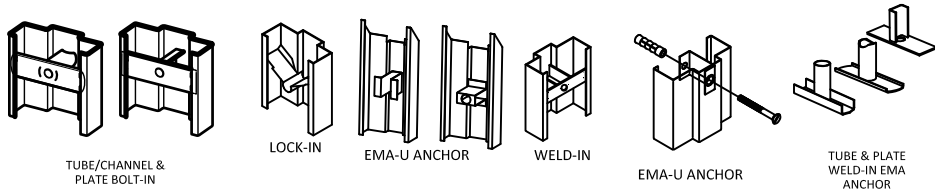
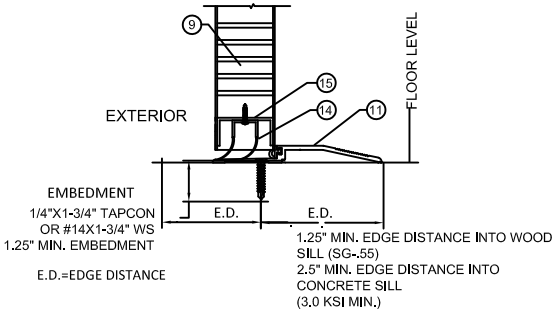
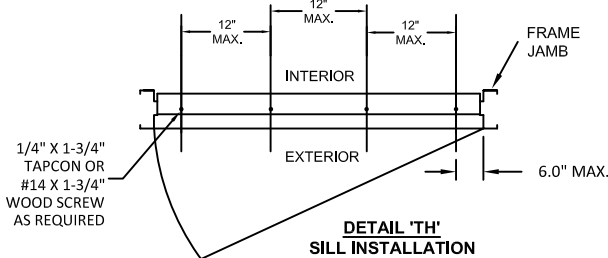
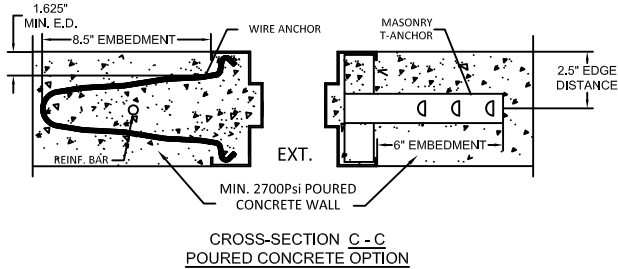
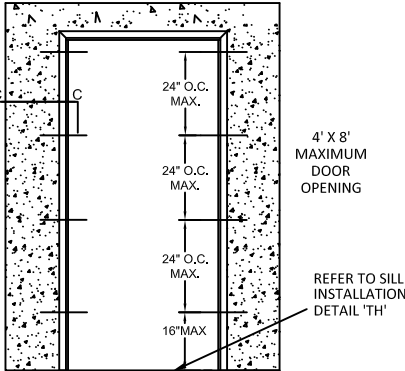


NOTE:
1. 3/8" BOLTS AND NUTS TO BE MIN. SAE GRADE 2 OR EQUIVALENT.

F FRAMES BOLTED TO BUILDING STRUCTURE



G POURED CONCRETE TILT UP WALL



NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD CAN BE USED WITH ALL WALL TYPES.

SEE SHTS. 16-19 FOR OPTION 2 ANCHOR DETAILS



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

TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

OPTION 1 ANCHORS - FRAMES WELDED
TO STEEL STRUCTURE BUILDING

PREPARED BY:

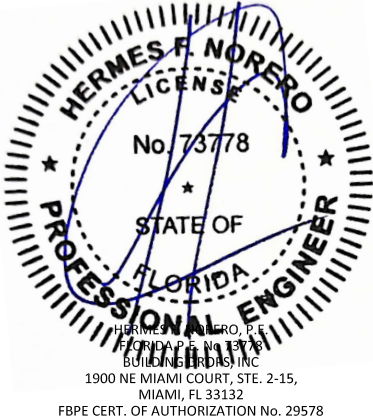
BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
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DATE: 09.30.2024

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CHK. BY:
HN

SCALE: NTS

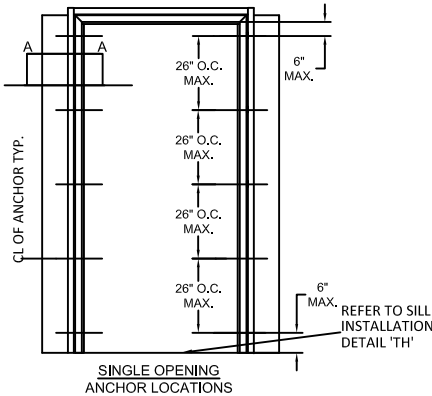
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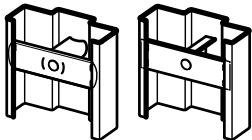
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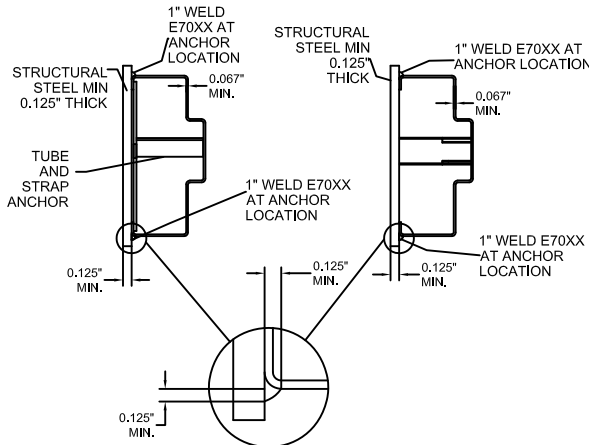
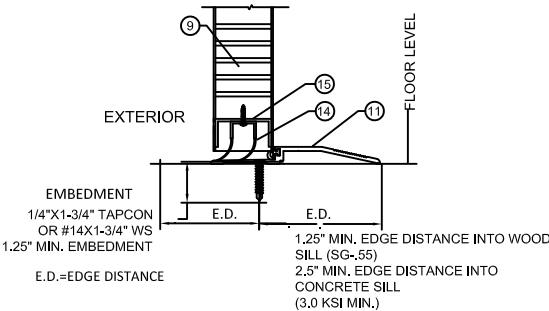
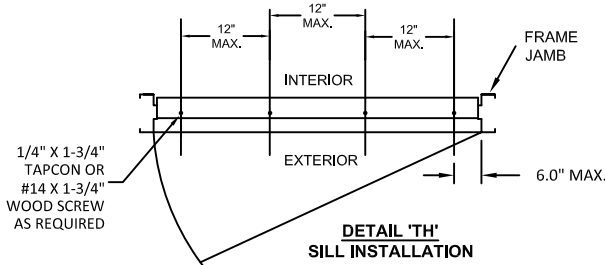
WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE



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



TUBE/CHANNEL &
PLATE BOLT-IN



CROSS-SECTION
A - A
WELDED TO STEEL STRUCTURE

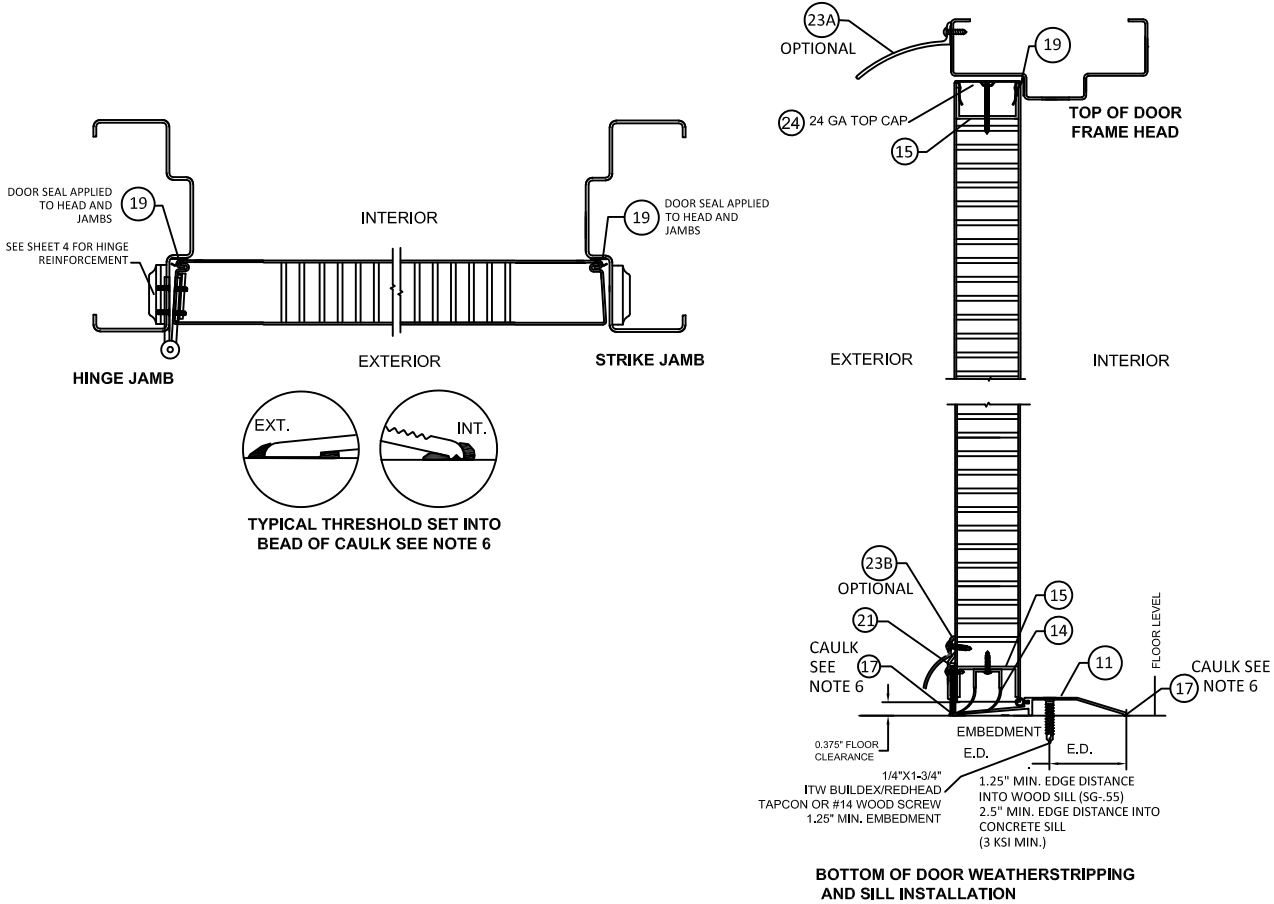
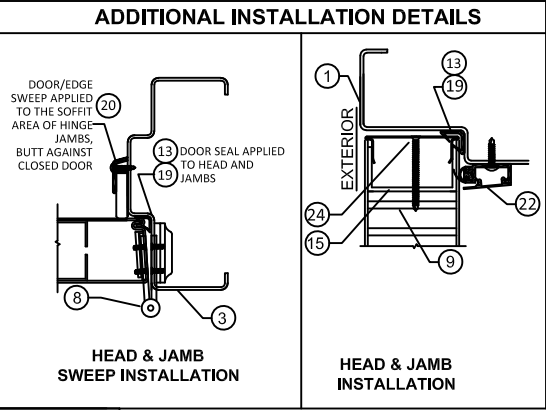
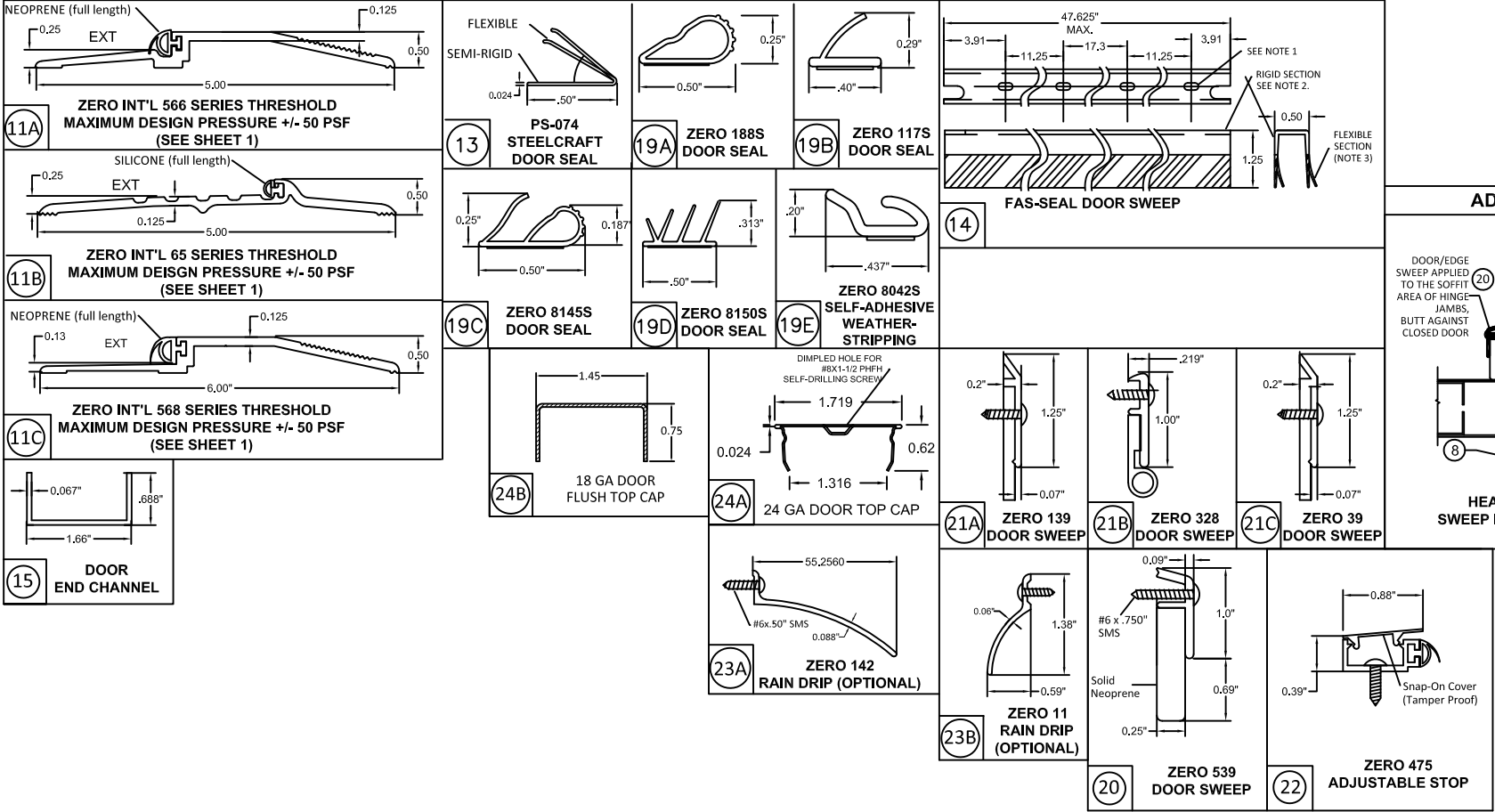
- NOTES:
1. STRUCTURAL MEMBERS MUST BE DESIGNED TO CARRY APPROPRIATE LOAD, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 3. BOTH JAMBS MUST HAVE EQUAL NUMBER OF ANCHORS.
 4. APPLY CAULK AS NEEDED.
 5. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL JAMB ANCHOR OPTIONS.

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TABLE 5 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
11	11A 566 THRESHOLD	ZERO INT'L
	11B 65 THRESHOLD	ZERO INT'L
	11C 568 THRESHOLD	ZERO INT'L
13	PS074 DOOR SEAL	STEELCRAFT
14	FAS-SEAL SWEEP	STEELCRAFT
15	END CHANNEL	STEELCRAFT
16	Z ASTRAGAL	STEELCRAFT
19	19A 188S DOOR SEAL	ZERO INT'L
	19B 117S DOOR SEAL	ZERO INT'L
	19C 8145S DOOR SEAL	ZERO INT'L
	19D 8150S DOOR SEAL	ZERO INT'L
	19E 8042S DOOR SEAL	ZERO INT'L
20	539 DOOR SWEEP	ZERO INT'L
21A	139 DOOR SWEEP	ZERO INT'L
21B	328 DOOR SWEEP	ZERO INT'L
21C	39 DOOR SWEEP	ZERO INT'L
22	475 ADJUSTABLE STOP	ZERO INT'L
23A	142 RAIN DRIP	ZERO INT'L
23B	11 RAIN DRIP	ZERO INT'L
24A	OPTIONAL TOP CAP	STEELCRAFT
24B	FLUSH TOP CAP	STEELCRAFT

ZERO INT'L 566, 65 AND 568 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED
MAXIMUM DESIGN PRESSURE RATING 50 PSF
(SEE ELEVATION SHEET 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 (14), DOOR SEAL (13 & 19) AND THRESHOLD (11) AS APPLICABLE.
 5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH CAULK
 6. INSTALL THRESHOLD INTO BEAD OF CAULK FULL LENGTH OF SILL
 7. REPUBLIC INSTALLATIONS REQUIRE DOOR SEAL (13 & 19) AND THRESHOLD (11) AS APPLICABLE.
 8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE



ALLEGION-SCHLAGE LOCK COMPANY, LLC
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TITLE: OUTSWING SINGLE FLUSH WITH PANIC DOOR HARDWARE (HVHZ)(IMPACT)

GASKETING DETAILS - PERIMETER SEAL

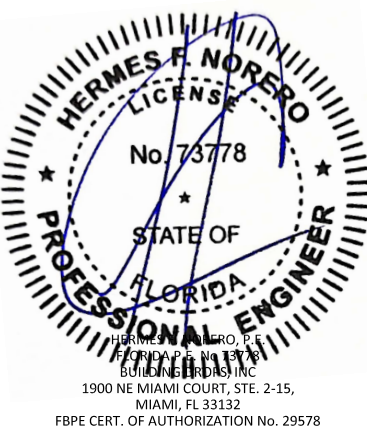
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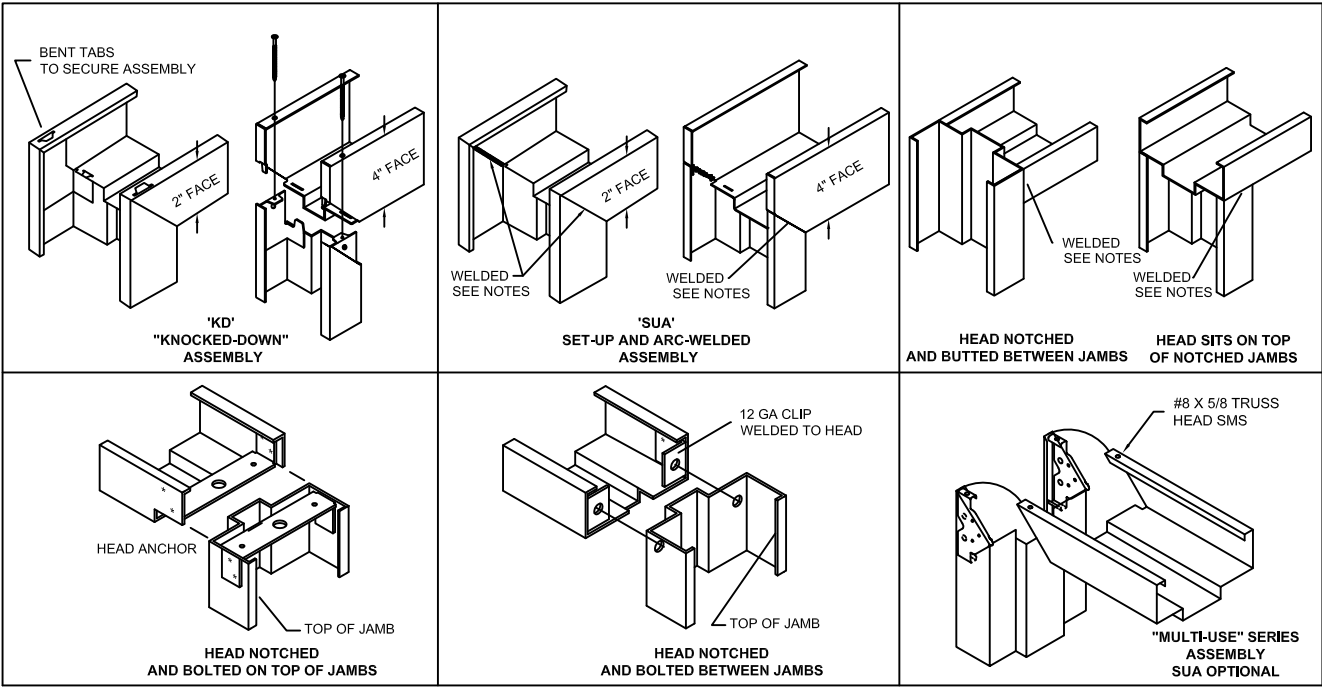


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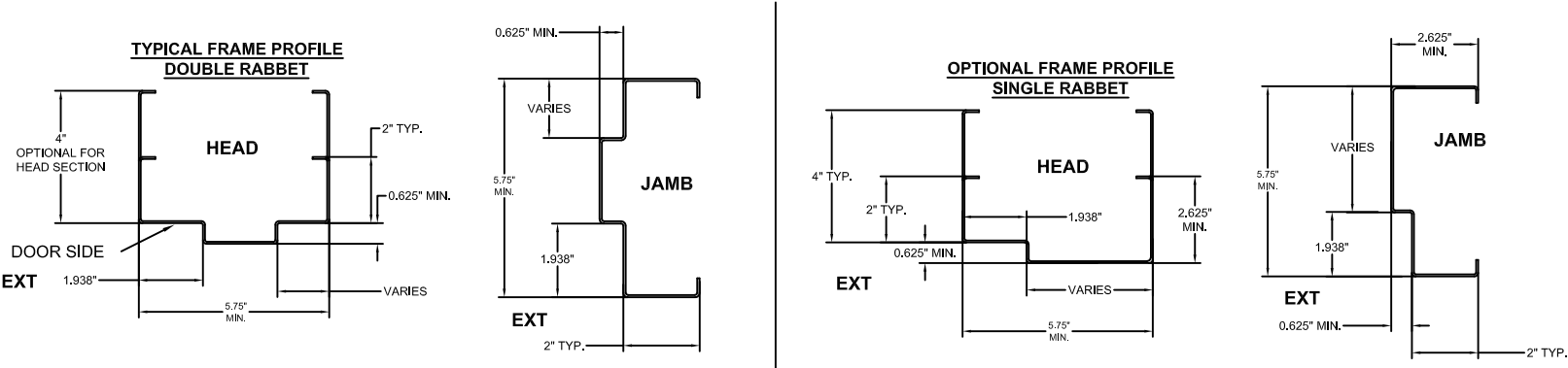
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DWG. #:	F1049SF
SHEET:	10



WELDING NOTES:
1. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND SMOOTH AND PRIME PAINT. WELD CLASSIFICATION - E70XX



AVAILABLE DOOR PANEL CONFIGURATIONS

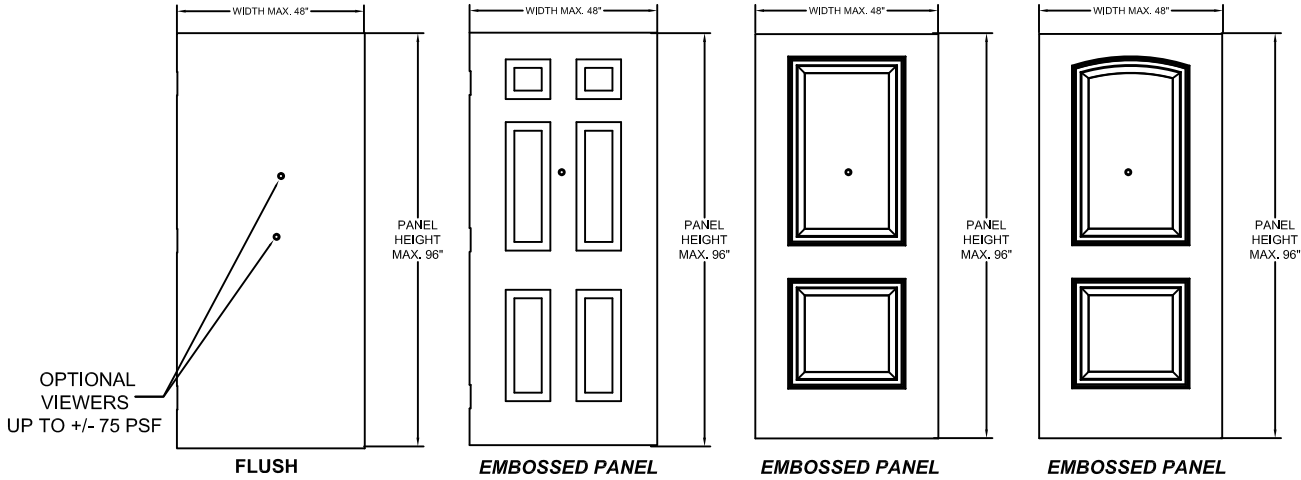


TABLE 6. AVAILABLE STEELCRAFT H-SERIES DOOR CONFIGURATIONS

DOOR CORE MATERIAL PER SHT. 5	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	4'-0"	8'-0"	CRS GALV	16/.053" 14/.067"

TABLE 7. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

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

TABLE 8. STEEL MECHANICAL PROPERTIES

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



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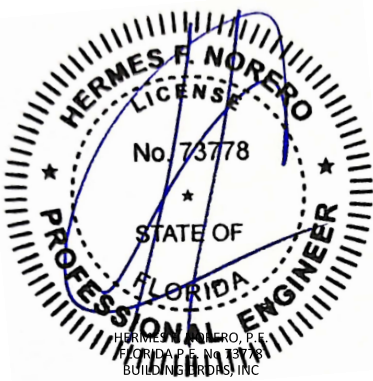
TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)
FRAME DETAILS & CORNER
CONSTRUCTION

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

FL #:
FL16740

DATE: **09.30.2024**

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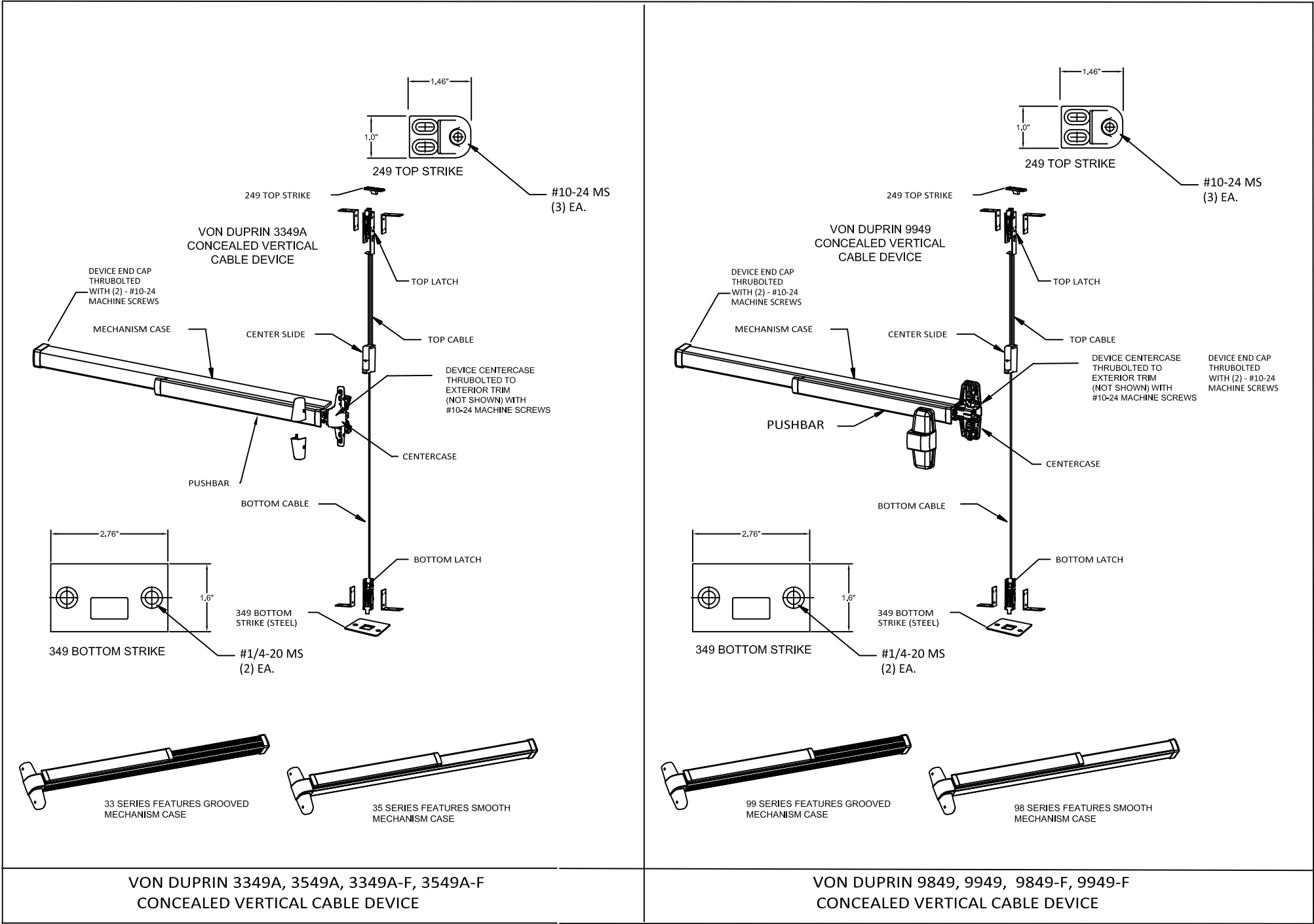
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11819 N. PENNSYLVANIA STREET
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PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

LOCKING HARDWARE DETAILS

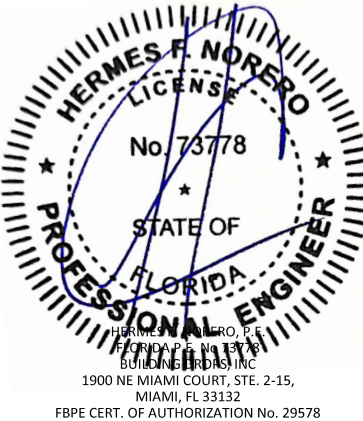
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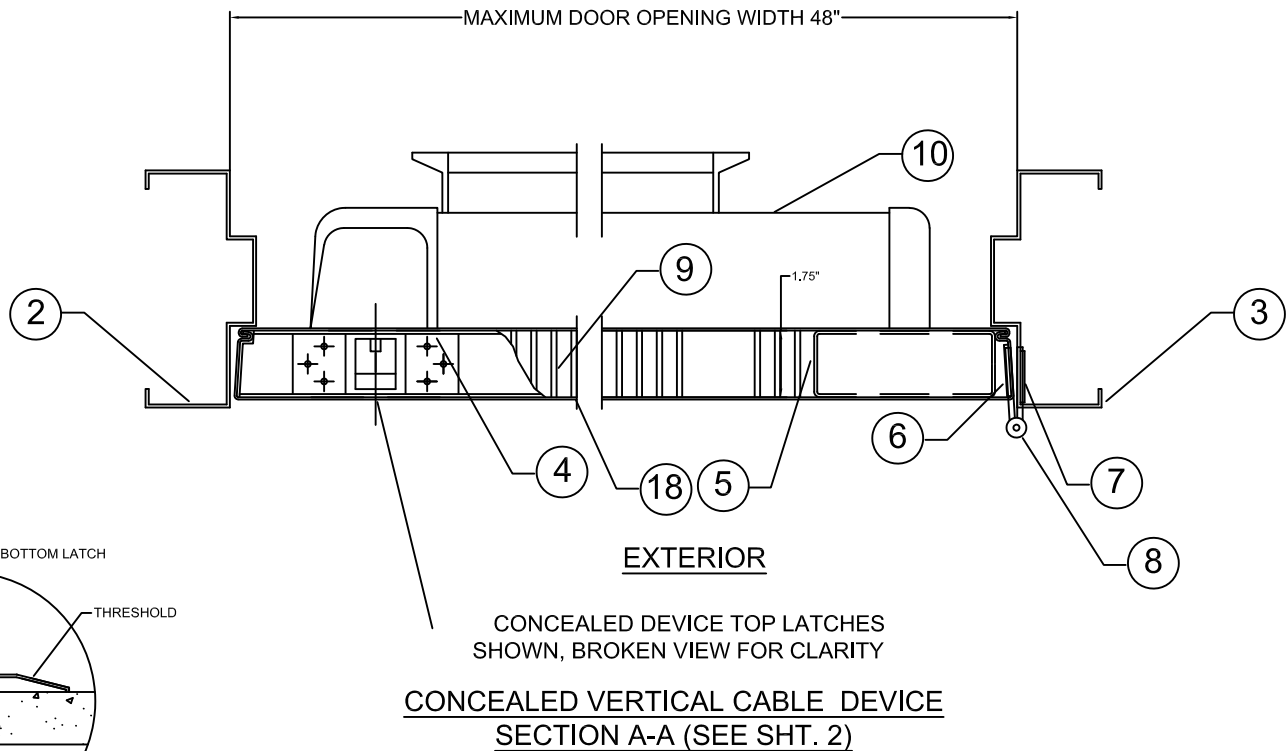
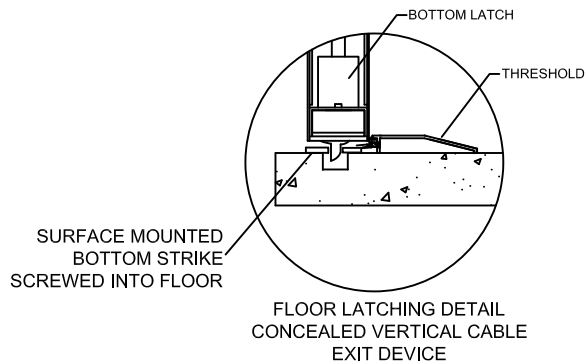
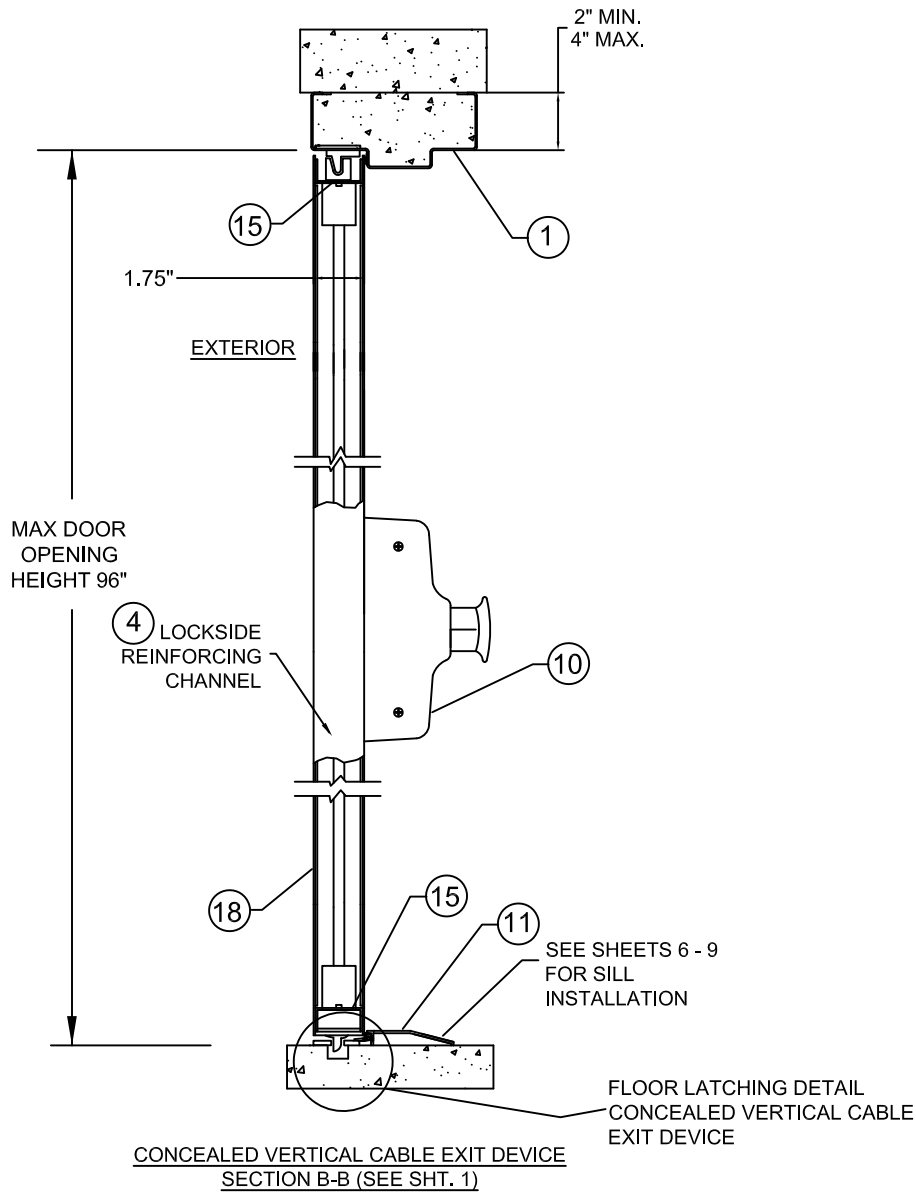
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SHEET:	12

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11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

STEELCRAFT SINGLE OPENING
OUTSWING SECTION VIEWS

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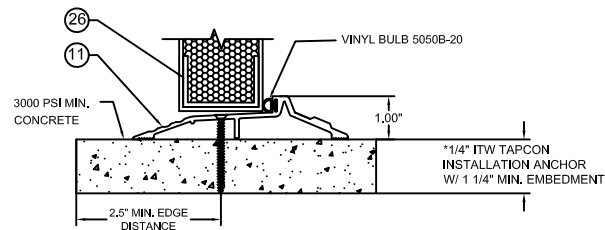
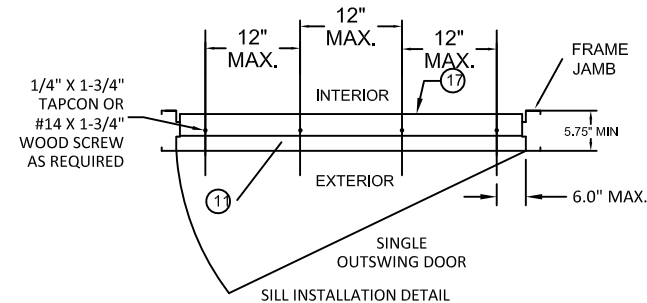
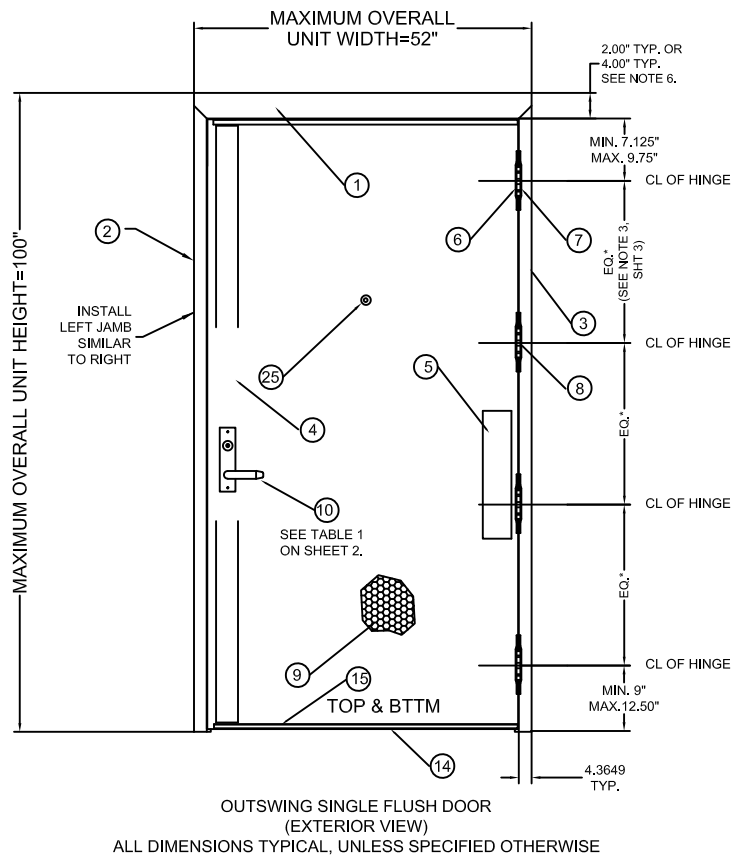


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SCALE:	NTS
DWG. #:	F1049SF
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*NOTE: 803V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG=0.55) WITH MINIMUM 1-1/2" EMBEDMENT AND MINIMUM 3/4" EDGE DISTANCE.

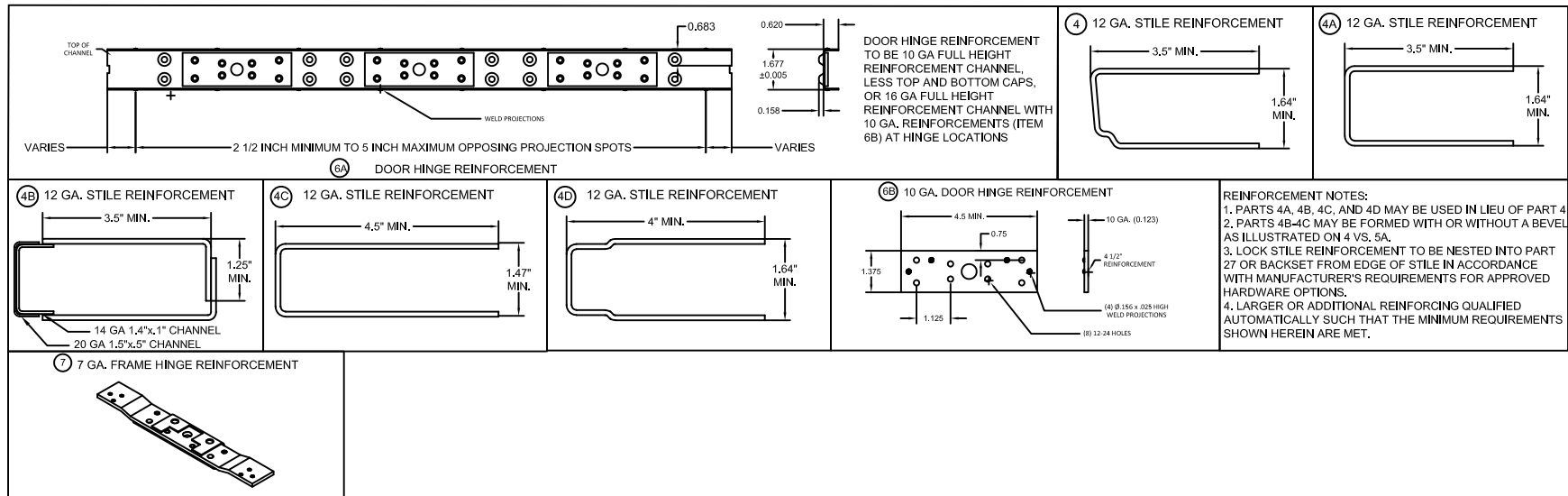
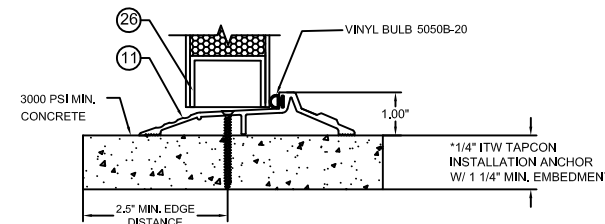


TABLE 7. (SEE TABLE 2, SHEET 3 FOR OPTION 1 CONFIGURATION)

	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD (SEE SHT. 11)	.053" MIN. STL.	MAX. 52" WIDTH
2	1	STRIKE JAMB (SEE SHT. 11)	.053" MIN. STL.	MAX. 100" HEIGHT.
3	2	HINGE JAMB (SEE SHT. 11)	.053" MIN. STL.	MAX. 100" HEIGHT.
4	2	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL.	3.5 X 93.44 MAX.
5	2	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL.	MAX. 20"
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	1	HINGE REINFORCEMENT FRAME	.167" MIN. STL.	1.50" X 9.19" MIN.
8	NOTE 3, SHT 1	BUTT HINGES (SEE SHT. 4)	.134 MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT. 4)	.067" MIN. STL/.12 ALUM	MAX. 95"
9	1	CORE MATERIAL (SEE SHT. 5):	D) HONEYCOMB C) STEEL STIFFENED A/F) POLYSTYRENE B/F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD	TEMPERATURE RISE CORE
10	1	LOCKING HARDWARE- SEE SHTS. 12 & 13		
		THRESHOLD SILL W/BUMPER GASKET (SEE SHT. 10)		
11	1	11A) ZERO 566A, 11B) ZERO 65A	.125" ALUM. 6063 T5	5.0"MIN.X0.5"X96"MAX.
		11C) ZERO 568	.125" ALUM. 6063 T5	6.0"MIN.X0.5"X96"MAX.
		NAT'L GUARD 803V OR 950A	ALUM. 6063 T5	5.0" MIN. X 1" X 48" MAX.
12	NOTE 2, SHT 1	JAMB ANCHOR	SEE SHTS. 16-19	
13		PSO74 WEATHER STRIPPING	TPE	MAX. 24"
14	1	FAS-SEAL DOOR SWEEP	TPE	MAX. 47.66"
15				
16				
17	AS NEEDED	BUTYL RUBBER, SILICONE OR LATEX W/ SILICONE		
18	2	DOOR SLAB (16 OR 14 GA)	SEE SHT. 11	48" X 96" MAX.
19	1	BY ZERO INT'L SEAL A)188S, B)117S, C)8145S, D)8150S, E)8042S	SILICONE	MAX. 20'
		BY NGP DOOR SEAL NO.5020		
20	1	BY ZERO INT'L DOOR SWEEP NO.539	TPE	MAX. 96"
		BY NGP DOOR SEAL NO.202N		
21	1	BY ZERO INT'L DOOR SWEEP A)139, B) 328, C)39	SEE SHT. 10	MAX. 48"
		BY NGP DOOR SEAL NO.200N		
22	2	BY ZERO INT'L ADJUSTABLE STOP NO.475	TPE	MAX. 48"
		BY NGP ADJUSTABLE STOP NO.170N		
23	1	BY ZERO INT'L RAIN DRIP NO.11, 142	SEE SHT. 10	MAX. 52"
		BY ZERO INT'L RAIN DRIP NO.16A, 17		
24				0.5" X 1.76" X 48" MAX.
25	1	VIEWER IVES U698/698		
26	4	END CHANNEL (16 GAUGE - INVERTED OR FLUSH)	.053" MIN. STL.	.62" X 1.66" X 47.66" MAX.
27	4	END CHANNEL (16 GAUGE MIN)	.053" MIN. STL.	.62" X 1.66" X 48" MAX.



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PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

REPUBLIC DOORS: GLASS SINGLE
DOORS OUTSWING CONFIGURATIONS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15
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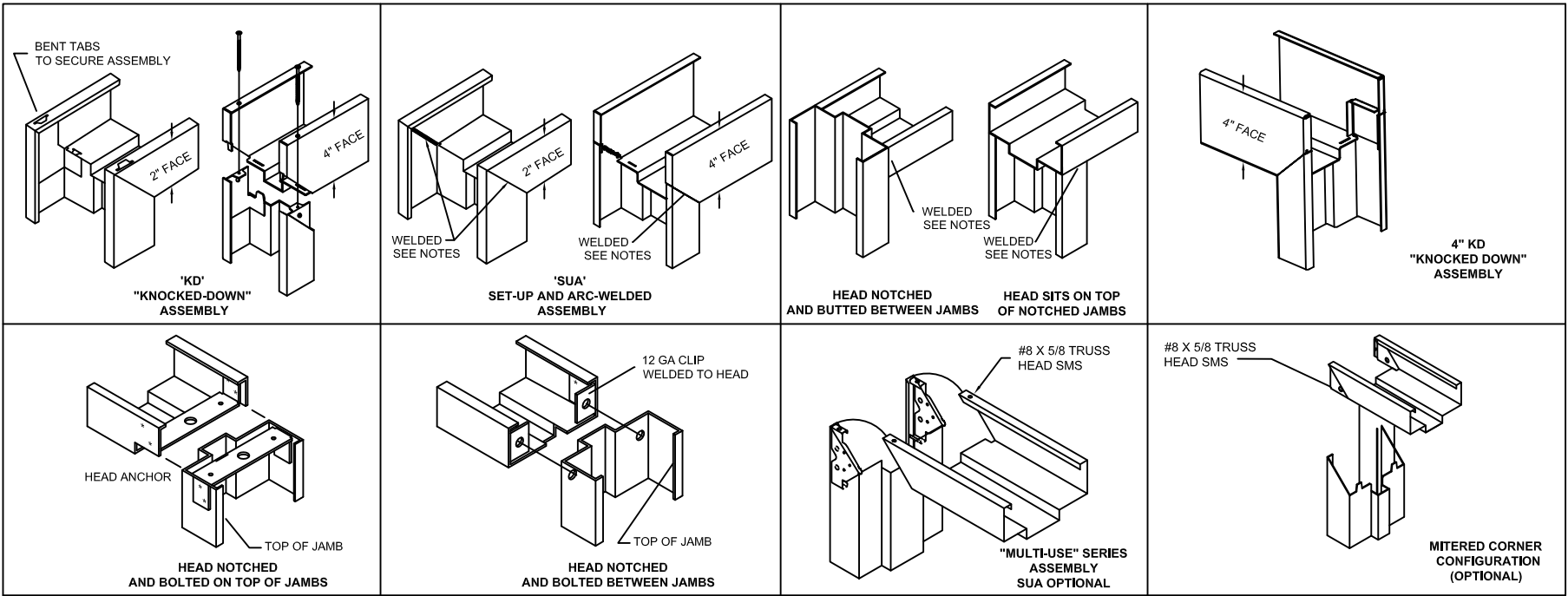
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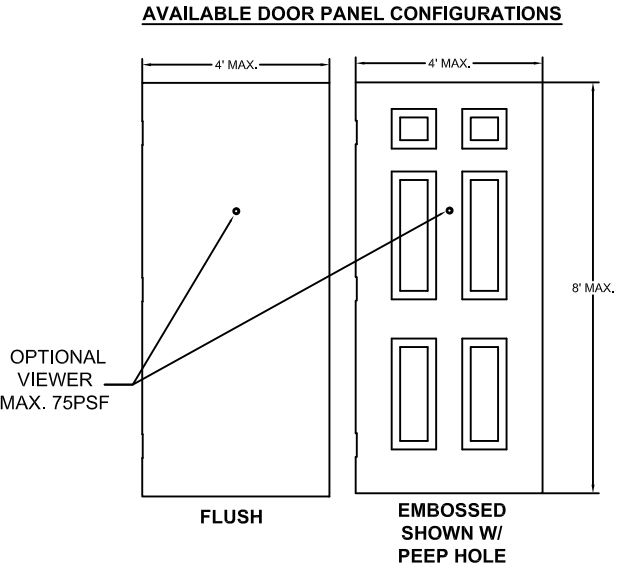
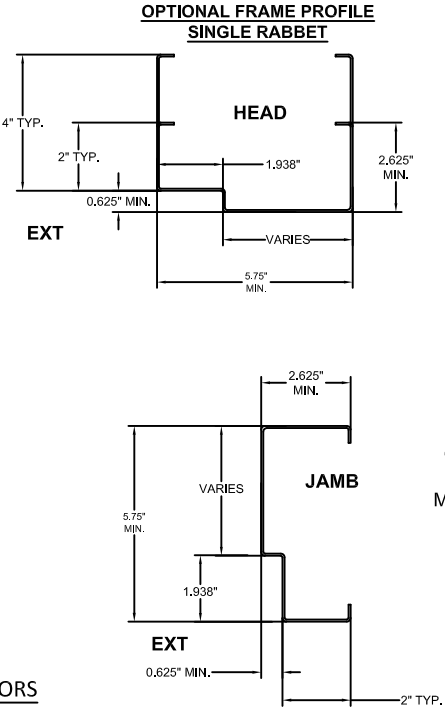
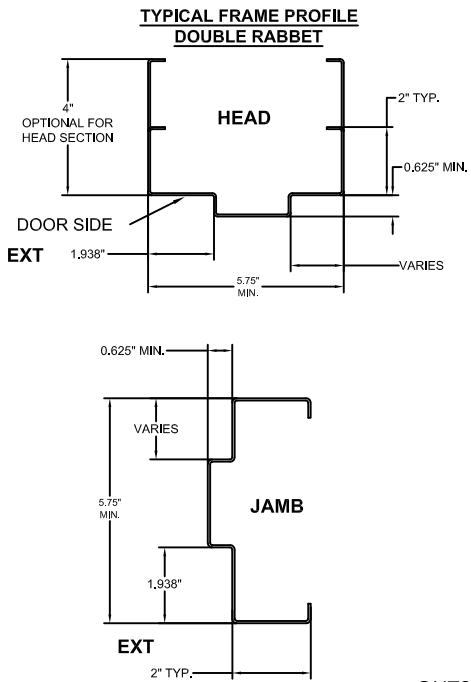
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WELDING NOTES:
1. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND SMOOTH & PRIME PAINT. WELD CLASSIFICATION - E70XX



OUTSWING DOORS

TABLE 8. AVAILABLE REPUBLIC DOOR CONFIGURATIONS

REPUBLIC DOOR SERIES	DOOR CORE MATERIAL PER SHT. 4	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
DL	HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	4'-0"	8'-0"	CRS. GALV.	16/.053"
DE		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.	4'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"
SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	12/.093"

TABLE 10. STEEL MECHANICAL PROPERTIES

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



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

TITLE: OUTSWING SINGLE FLUSH WITH PANIC DOOR HARDWARE (HVHZ)(IMPACT)

REPUBLIC DOORS: FRAME DETAILS & CORNER CONSTRUCTION

PREPARED BY:

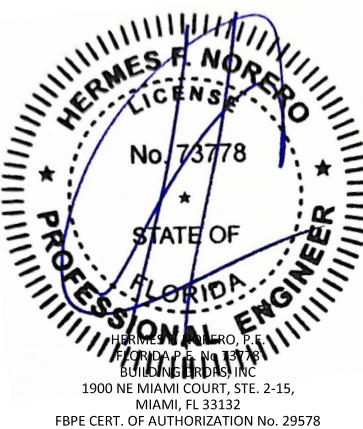
BUILDING DROPS, INC.

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
A. MISC UPDATES	DI	01/26

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FL #:

FL16740

DATE: 09.30.2024

DWG. BY: JA

CHK. BY: HN

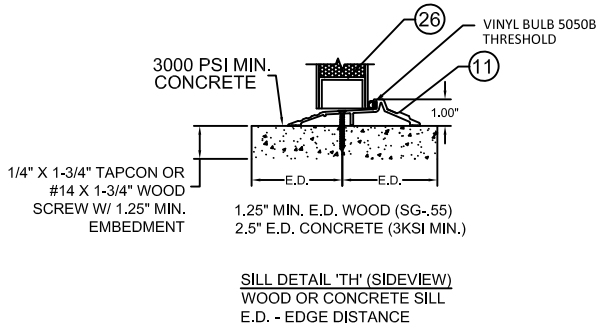
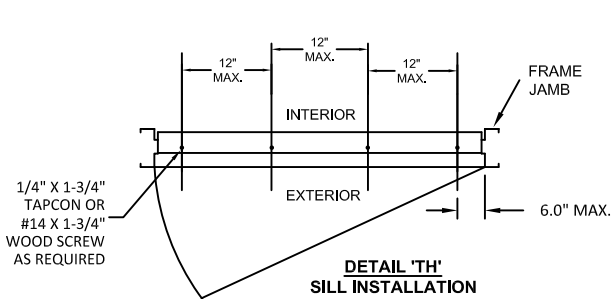
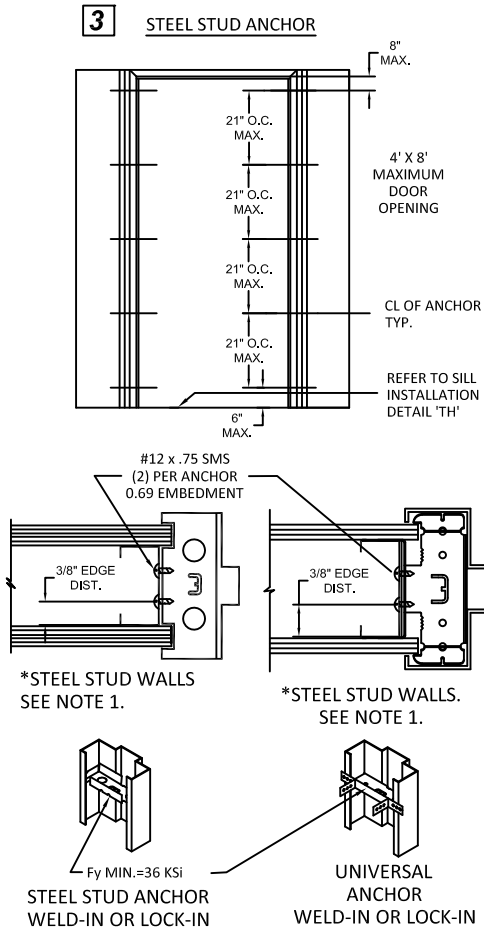
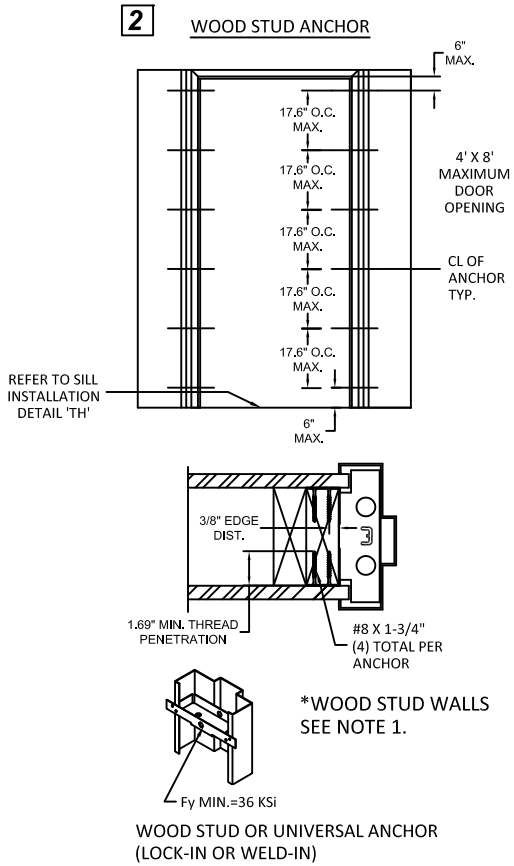
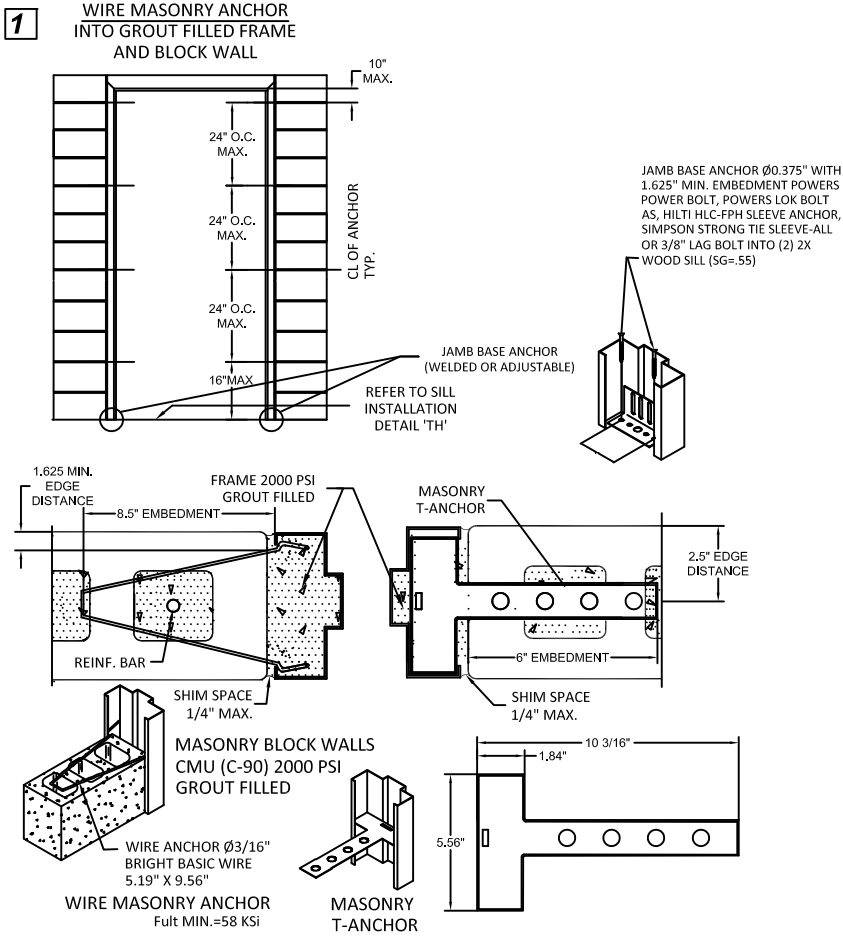
SCALE: NTS

DWG. #: F1049SF

SHEET:

15

SEE SHTS. 6-9 FOR OPTION 1
ANCHOR DETAILS



- NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 3. APPLY CAULK AS NEEDED.
 4. FRAMES WITH 4\"



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WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

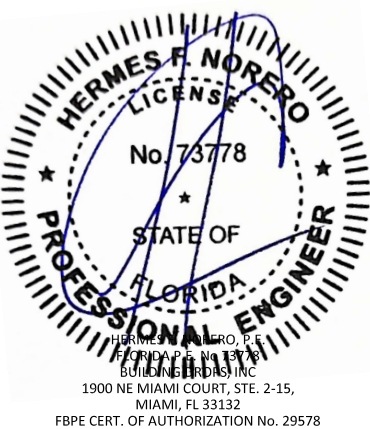
OPTION 2 ANCHORS - WOOD STUD JAMB
ANCHOR & STEEL STUD JAMB ANCHOR
WIRE MASONRY ANCHOR

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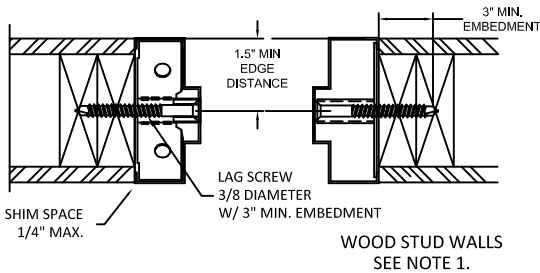
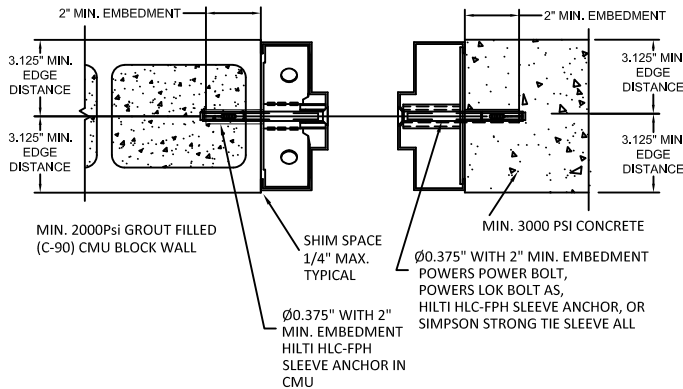
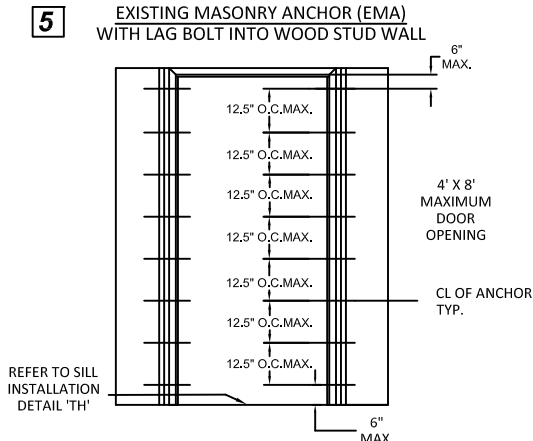
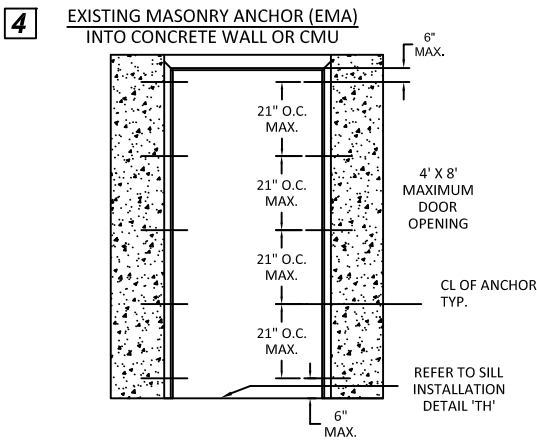
REMARKS	BY	DATE
A. MISC UPDATES	DI	01/26

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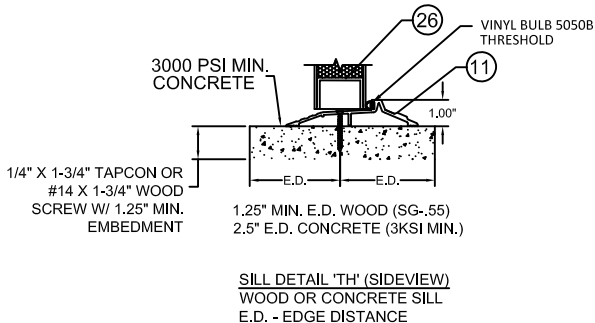
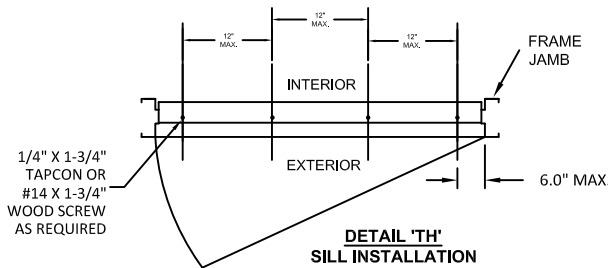


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SCALE:	NTS
DWG. #:	F1049SF
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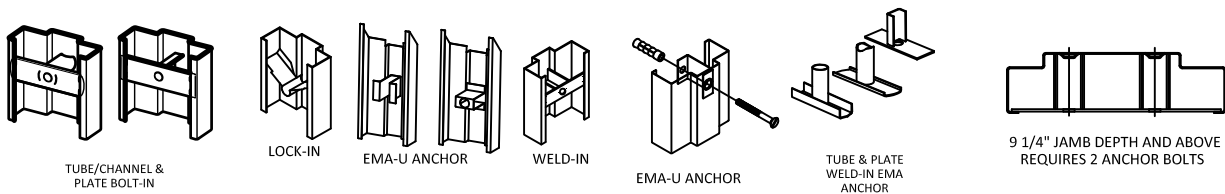
SEE SHTS. 6-9 FOR OPTION 1 ANCHOR DETAILS



NOTE:
1. 3/8" LAG SCREWS 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 THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD CAN BE USED WITH ALL WALL TYPES.



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TITLE: OUTSWING SINGLE FLUSH WITH PANIC DOOR HARDWARE (HVHZ)(IMPACT)

OPTION 2 ANCHORS - EXISTING WALL JAMB ANCHOR W/ LAG SCREW INTO WOOD STUD WALL & INTO CONCRETE WALL OR CMU

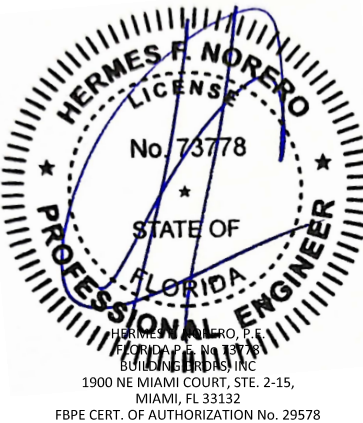
PREPARED BY:

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SEE SHTS. 6-9 FOR OPTION 1
ANCHOR DETAILS



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TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

OPTION 2 ANCHORS - FRAMES BOLTED TO
BUILDING STRUCTURE & POURED
CONCRETE TILT WALL CONSTRUCTION

PREPARED BY:

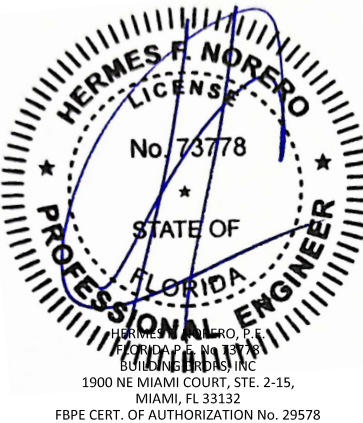
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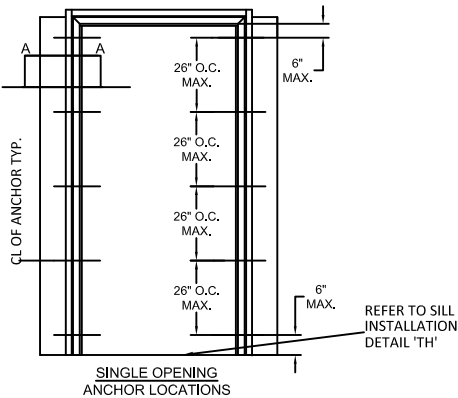
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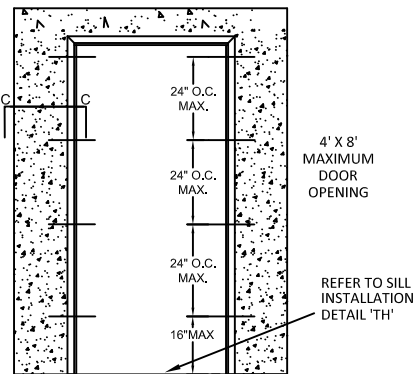
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OF 19

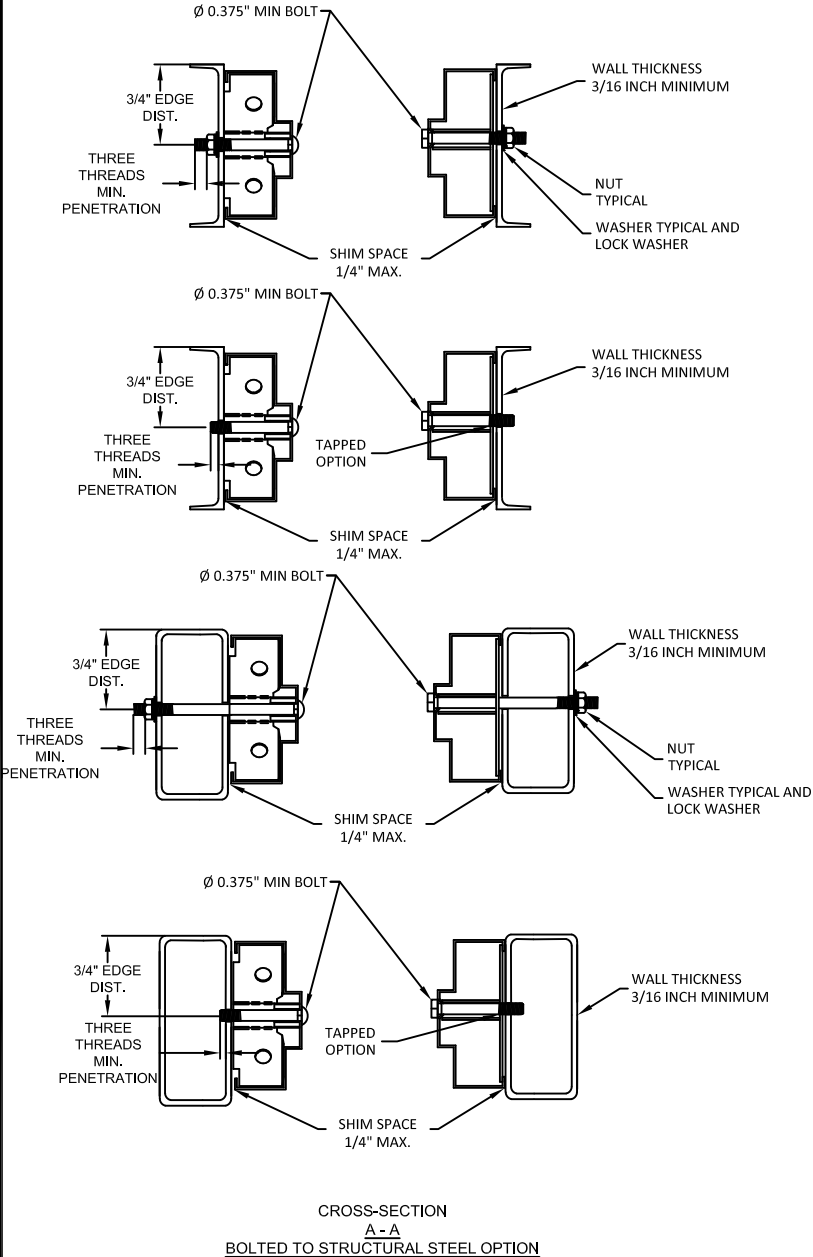
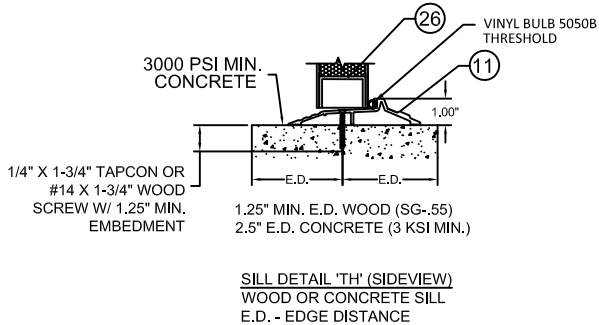
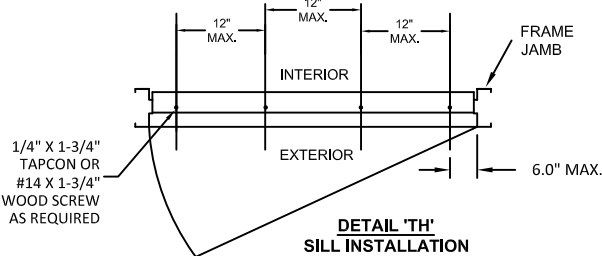
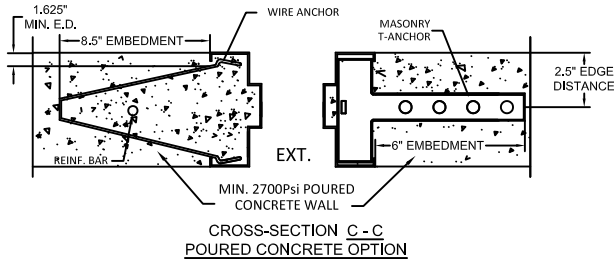
6 FRAMES BOLTED TO BUILDING STRUCTURE



7 POURED CONCRETE
TILT UP WALL

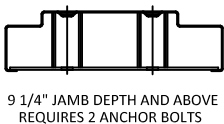
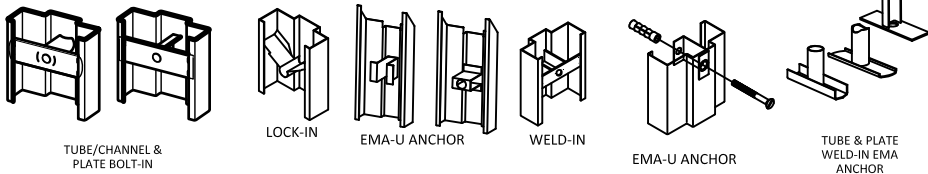


CROSS-SECTION C-C
POURED CONCRETE OPTION



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

NOTES:
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3. APPLY CAULK AS NEEDED.
4. FRAMES WITH 4 inch FACE HEAD MUST HAVE HEAD GROUTED FULL. 4 inch FACE HEAD CAN BE USED WITH ALL WALL TYPES.



SEE SHTS. 6-9 FOR OPTION 1
ANCHOR DETAILS



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PH: (317) 715-4073

TITLE: OUTSWING SINGLE FLUSH
WITH PANIC DOOR HARDWARE
(HVHZ)(IMPACT)

OPTION 2 ANCHORS - FRAMES WELDED
TO STEEL STRUCTURE BUILDING

PREPARED BY:

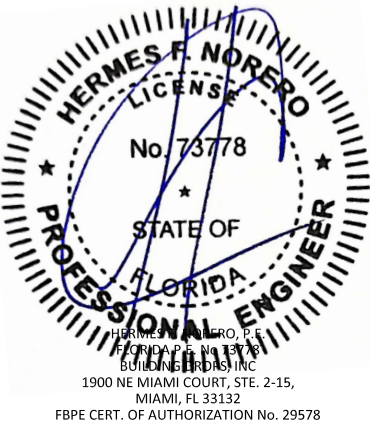
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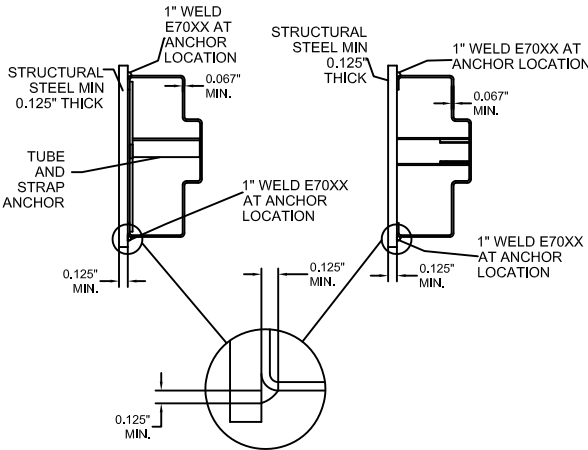
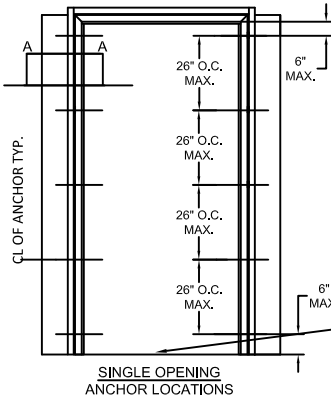
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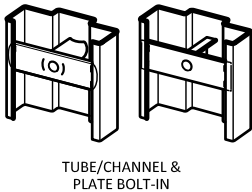
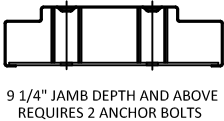
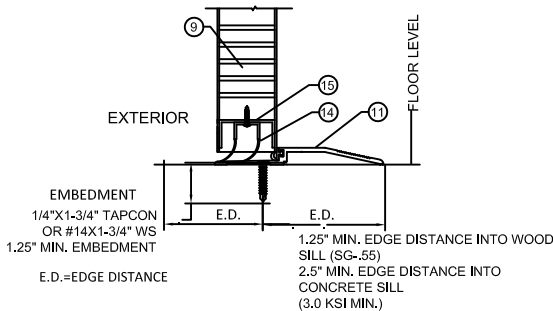
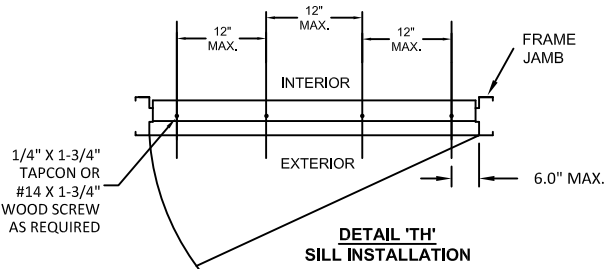
OF 19

8

WELDED ANCHOR
SHIM OR STEEL BUILDING
STRUCTURE



CROSS-SECTION
A - A
WELDED TO STEEL STRUCTURE



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