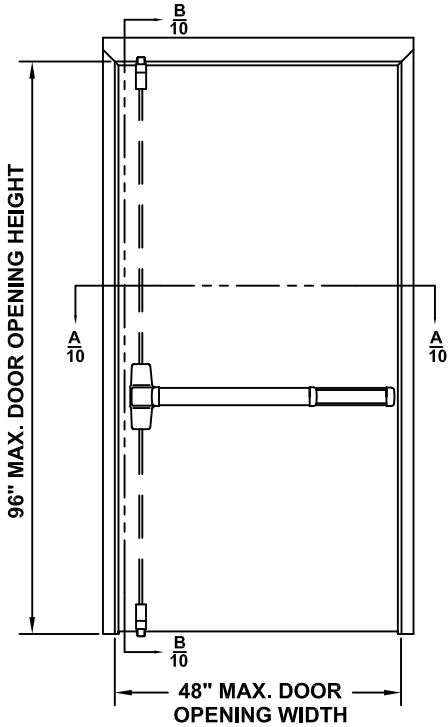


DESIGN PRESSURE RATING		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
POSITIVE	NOT APPROVED	+ 75 PSF
NEGATIVE	NOT APPROVED	- 75 PSF

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

CONCEALED
VERTICAL CABLE
EXIT



- NOTES:
- 1. INTERIOR VIEWS ARE SHOWN FOR ALL ELEVATIONS
 - 2. SEE TABLE 1 ON SHEET 2 FOR HARDWARE APPLICATIONS
 - 3. SEE SHEET 3 FOR HINGE REQUIREMENTS
 - 4. SEE SHEETS 5, 6, 13 AND 14 FOR ANCHORING TYPES AND LIMITATIONS
 - 5. SEE SHEET 7 FOR WEATHERSTRIPPING INSTALLATION AND DETAILS

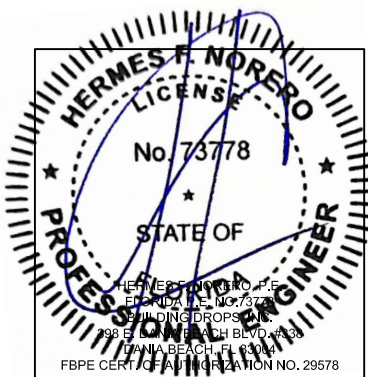
GENERAL NOTES:

1. THIS DOOR SYSTEM HAS BEEN TESTED TO HVHZ PROTOCOLS TAS 201-94, TAS 202-94 & TAS 203-94, ASTM PROTOCOLS E1886-13A, E1996-14A & E330-14 AND COMPLIES WITH THE CURRENT FLORIDA BUILDING CODE EDITION

2. THE DOORS ARE LARGE MISSILE IMPACTED - 50 FEET PER SECOND

3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.

4. ASSEMBLIES MEET FBC AIR INFILTRATION REQUIREMENTS.



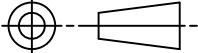
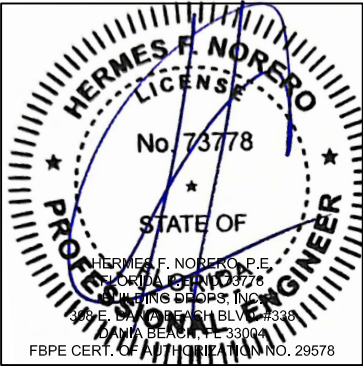
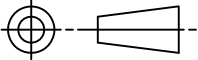
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN	DATE	FLORIDA BUILDING CODE PRODUCT APPROVAL FLUSH OUTSWING, SINGLE DOOR AND HARDWARE CONFIGURATIONS.			
JPD	10/25/12				
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				F1049SF	F
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL-16740
.	.				SHEET 1 OF 14

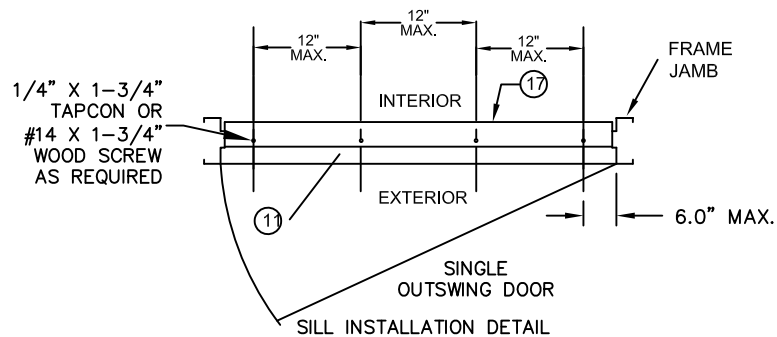
TABLE 1.

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	

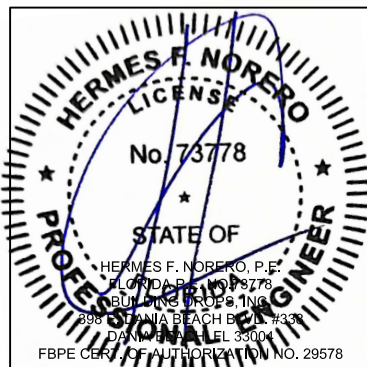
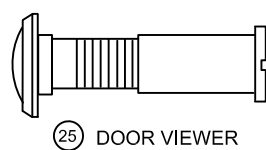
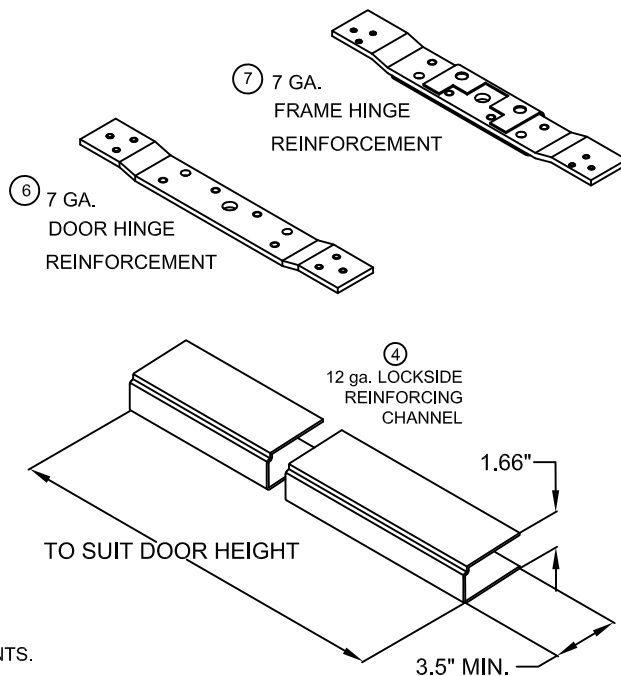
NOTES:
1. SEE SHEET 9, 10 AND 11 FOR LOCKING HARDWARE DETAILS.



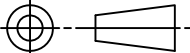
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032					
THIRD ANGLE PROJECTION 		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES					
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL FLUSH OUTSWING DOOR AND HARDWARE CONFIGURATIONS COMMERCIAL DOOR OPENING SINGLE FLUSH DOOR.					
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.	F1049SF		REV F
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL-16740	SHEET 2 OF 14	

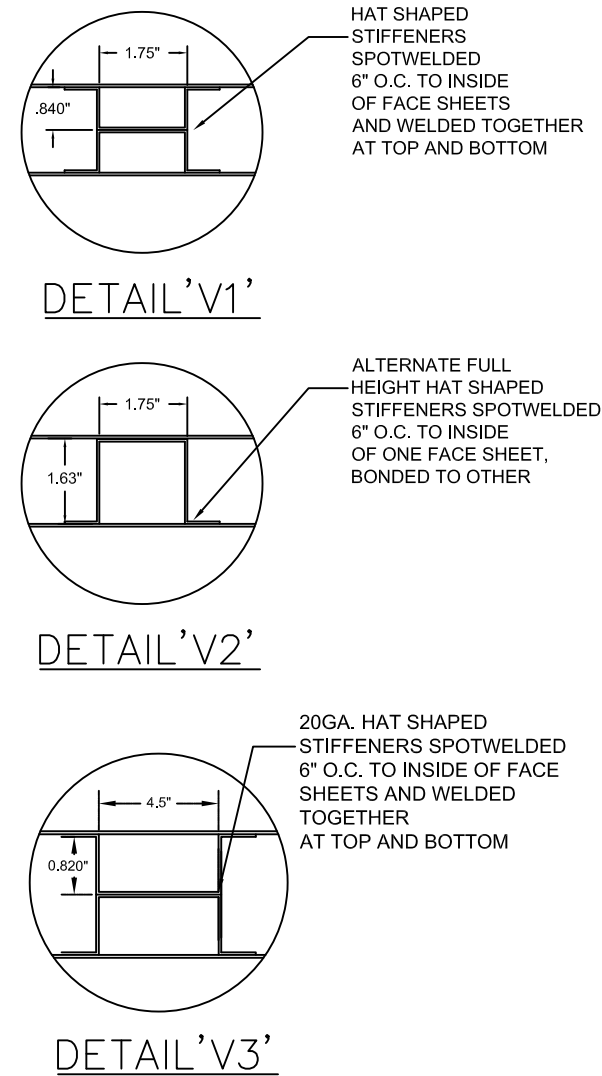
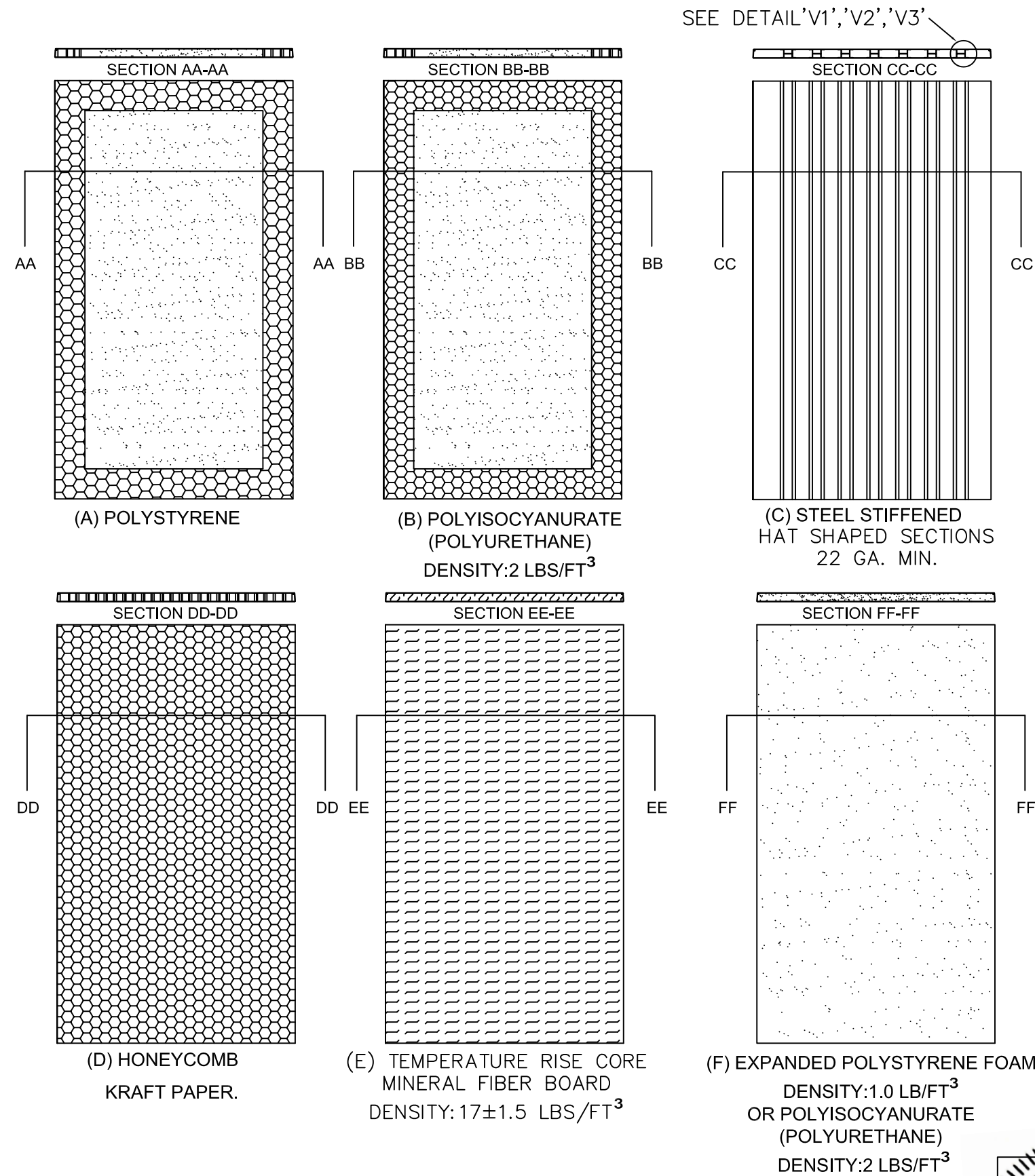


1. WEATHERSTRIPPING
 - INSTALL PER SHT.7.
2. ANCHOR REQUIREMENTS: SEE SHEETS 5, 6, 13 AND 14 FOR APPROVED ANCHOR INSTALLATION REQUIREMENTS. WHEN FOUR-SIDED FRAME IS USED SILL FRAME SECTION ANCHORED PER SILL DETAIL ON THIS SHEET.
3. BUTT HINGE REQUIREMENTS:
 - FOR DOOR OPENING UP TO 90" HIGH - MIN. (3) HINGES
 - FOR DOOR OPENING OVER 90" - 96" HIGH - MIN. (4) HINGES
 - LOCATIONS: MIN. 7.1257"- MAX. 9.75" FROM RABBET 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.
4. SEE SHEET 8 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS AND THESE DETAILS.
6. 4" FACE HEAD IS AVAILABLE WHEN GROUTED FULL.
7. APPLY CAULK AS NEEDED.
8. SEE SHEET 10 FOR SECTION A-A, SEE SHEET 11 FOR SECTIONS B-B.
9. 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.
10. PN MODEL OFFERED.
11. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
12. 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.
13. ITEMS 19 THROUGH 23 ARE OPTIONAL WEATHERSTRIP AND GASKETING.

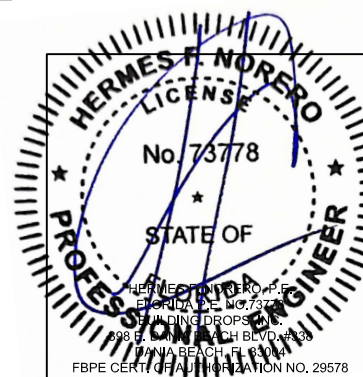


	QUANTITY	DESCRIPTION		MATERIAL	SIZE
1	1	HEAD SEE SHT 8		.053" MIN. STL	MAX. 52" WIDTH
2	1	STRIKE JAMB SEE SHT 8		.053" MIN. STL	MAX. 100" HEIGHT.
3	1	HINGE JAMB SEE SHT 8		.053" MIN. STL	MAX. 100" HEIGHT.
4	1	LOCK SIDE REINFORCEMENT CHANNEL		.093" MIN. STL	3.5 X 93.44 MAX
5	1	HINGE SIDE PANIC REINFORCEMENT		.067" MIN. STL	MAX. 20"
6	NOTE 3.	HINGE REINFORCEMENT DOOR		.167" MIN. STL.	1.23" X 9.19" MIN.
7	1	HINGE REINFORCEMENT FRAME		.167" MIN. STL.	1.5" X 9.19" MIN.
8	NOTE 3.	4.5" X 4.5" BUTT HINGES (SEE SHT.3)		.134 MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT.3)		.067" MIN. STL/.12 ALUM	MAX. 95"
9	1	CORE MATERIAL (SHT 4):	D) HONEYCOMB C) STEEL STIFFENED	A/F) POLYSTYRENE	
10	1	LOCKING HARDWARE - SEE SHEETS 2, 9 & 10		B/F) POLYURETHANE/POLYISOCYANURATE	
				E) MINERAL BOARD TEMPERATURE RISE CORE	
11	1	THRESHOLD SILL W/BUMPER GASKET (SEE SHT.7)			
		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.
12	NOTE 2.	JAMB ANCHOR		SEE SHEETS 5&6	
13		PS074 WEATHER STRIPPING		TPE	MAX. 24'
14	1	FAS-SEAL DOOR SWEEP		TPE	MAX. 47.66"
15	2	END CHANNEL (16 GA - INVERTED)		.053" MIN. STL.	.62" X 1.66" X 47.66" MAX.
16					
17	AS NEEDED	BUTYL RUBBER, SILICONE OR LATEX W/ SILICONE			
18	2	DOOR SLAB (16 OR 14 GA)		SEE SHEET 8	4' X 8' MAX.
19	1	BY ZERO INT'L DOOR SEAL A) 188S, B) 117S, C) 8145S, D) 8150S			
		BY ZERO INT'L DOOR SEAL E) 8042		SILICONE	MAX. 24'
20	VARIES	BY ZERO INT'L	DOOR SWEEP No.539	TPE	MAX. 96"
21	2	BY ZERO INT'L	21A) DOOR SWEEP No.139	TPE	MAX. 96"
		BY ZERO INT'L	21B) DOOR SWEEP No.328		
		BY ZERO INT'L	21C) DOOR SWEEP No.39	SEE SHEET 7	MAX. 48"
22	2	BY ZERO INT'L	ADJUSTABLE STOP No.475	TPE	MAX. 96"
23	VARIES	BY ZERO INT'L	23A) RAIN DRIP No.142	SEE SHEET 7	MAX. 52"
		BY ZERO INT'L	23B) RAIN DRIP No.11	SEE SHEET 7	MAX. 48"
24	1	TOP CAP GALV. A60		.020" MIN. STL	0.5" X 1.76" X 48" MAX.
25	2	VIEWER - IVES U698/698			.56 DIAMETER HOLE IN DOOR

BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
					
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL FLUSH SINGLE DOOR OUTSWING CONFIGURATIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
				F1049SF	F
ENG. APPVL X	10/25/12	SCALE:	NTS	AUTOCAD	FL-16740 SHEET 3 OF 14

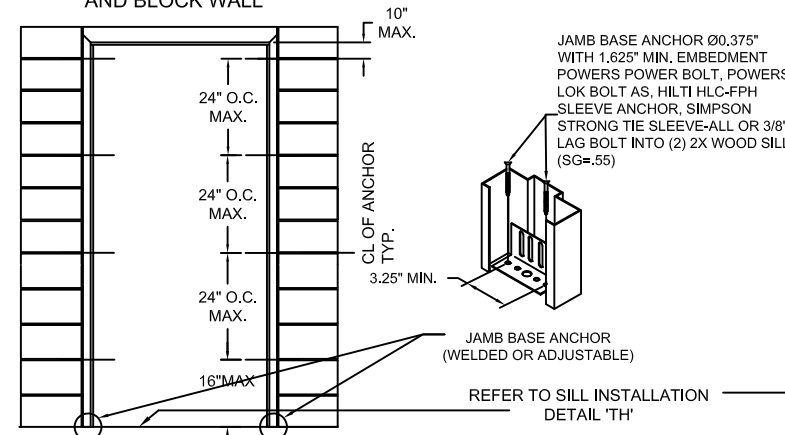


NOTES:
1. CORE MATERIAL SHOWN WITHOUT DOOR CUTOUTS AND REINFORCEMENTS.

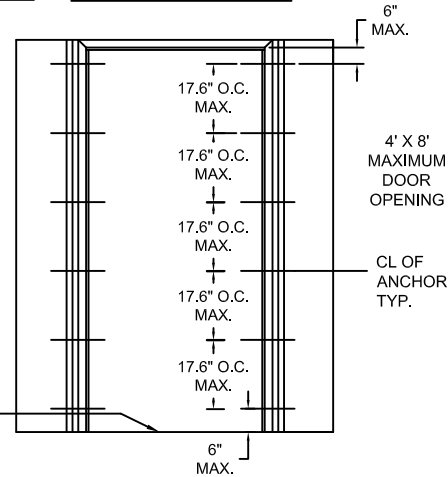


BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL DOOR CORE OPTIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. F1049SF	REV F
ENG. APPVL X	10/25/12	SCALE:	NTS	AUTOCAD	FL-16740
		SHEET		4 OF 14	

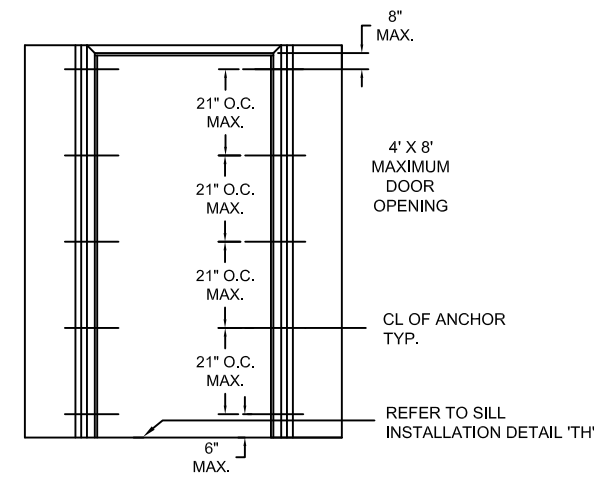
A WIRE MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL



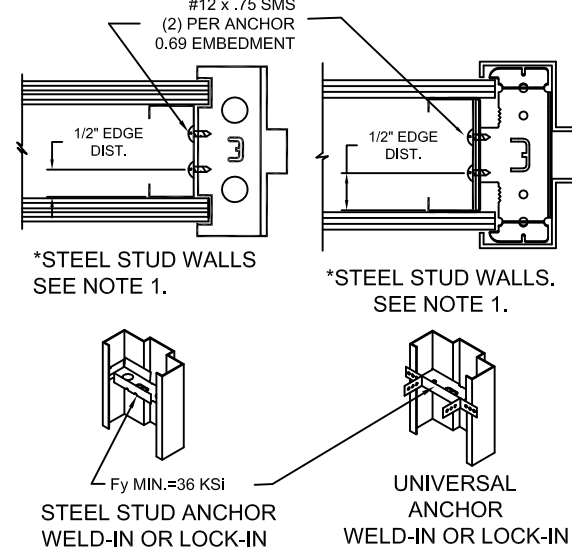
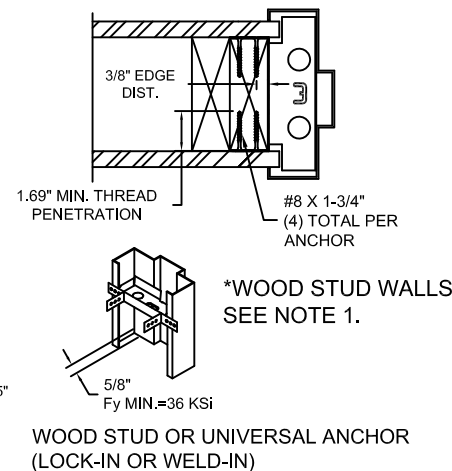
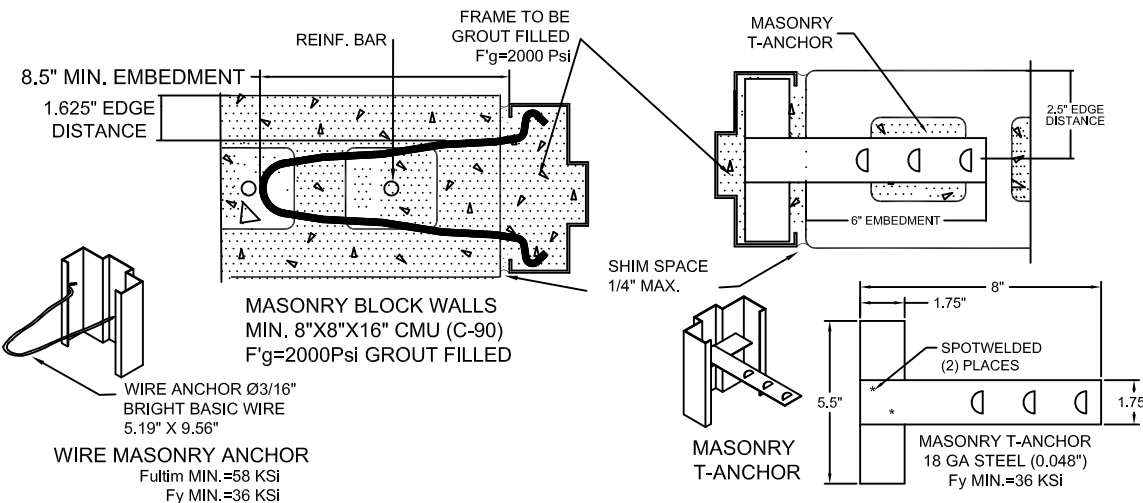
B WOOD STUD ANCHOR



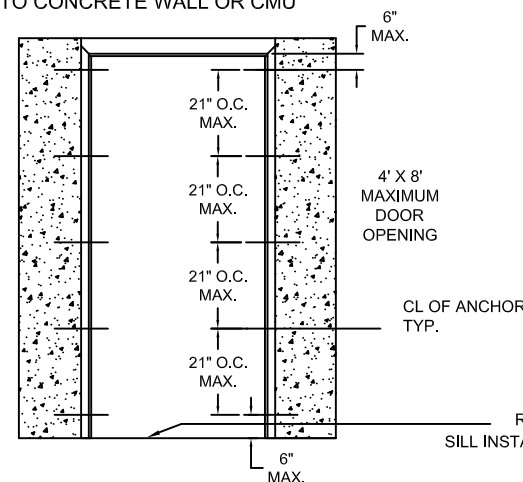
C STEEL STUD ANCHOR



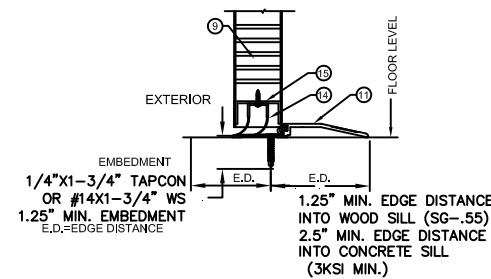
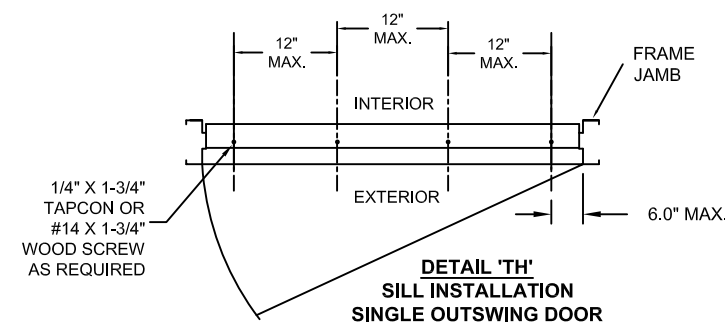
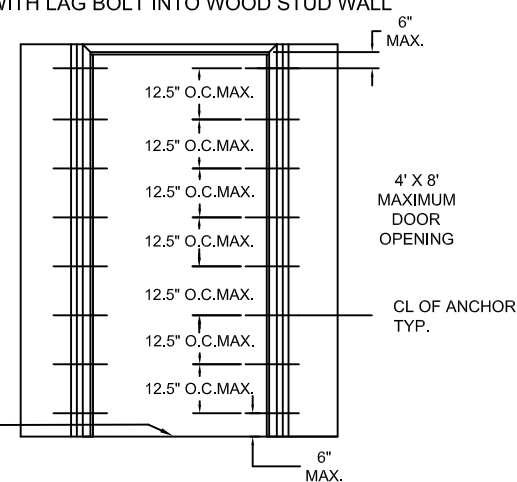
SEE PAGE 13 AND 14 FOR
OPTION 2 ANCHOR DETAILS



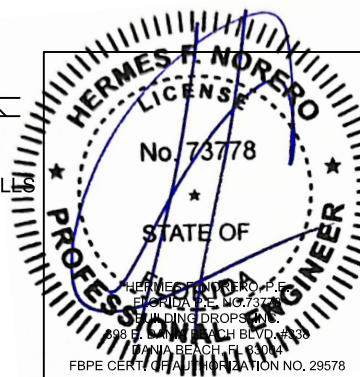
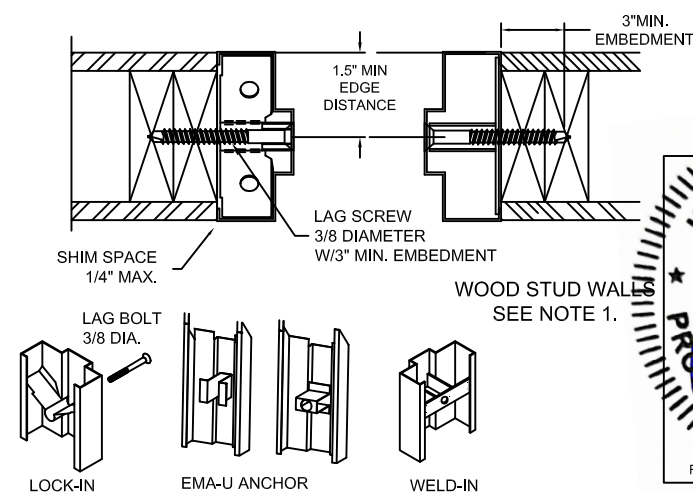
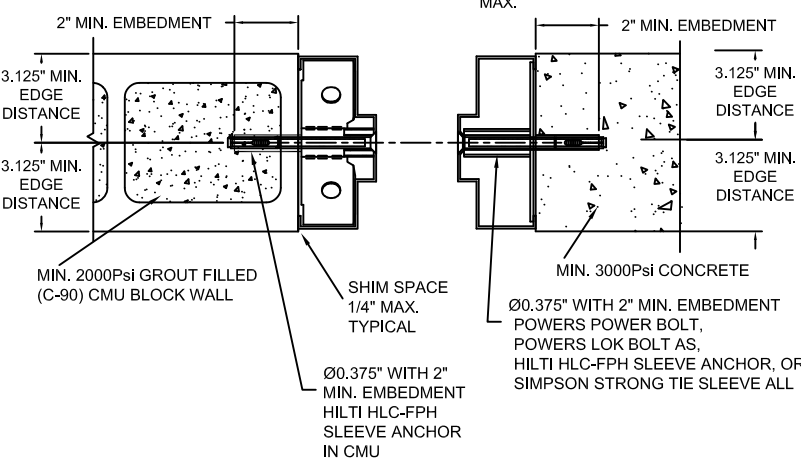
D EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU

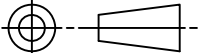


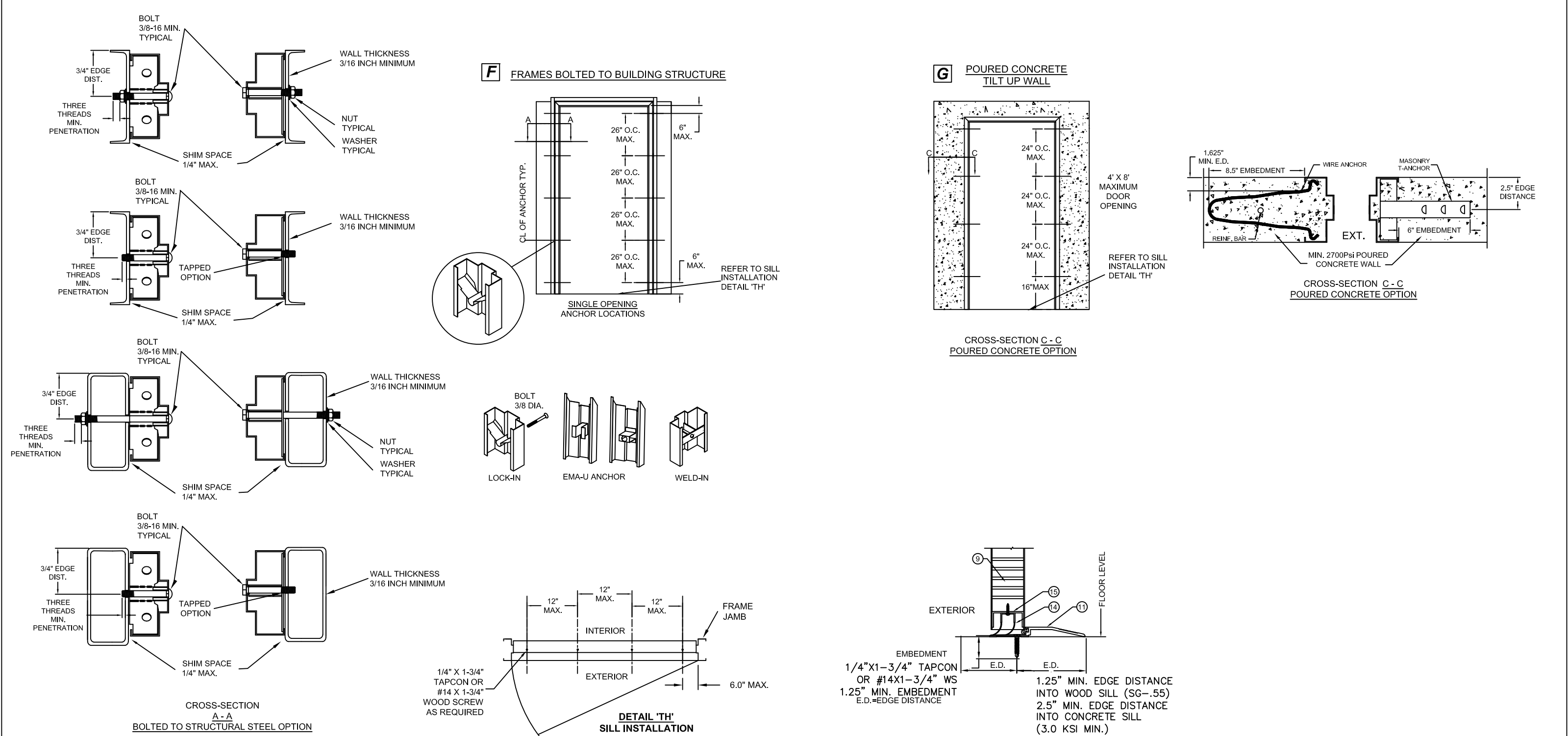
E EXISTING MASONRY ANCHOR (EMA) WITH LAG BOLT INTO WOOD STUD WALL



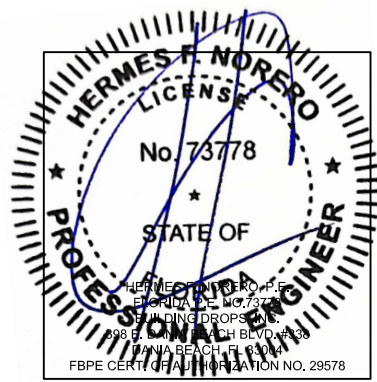
- NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. Fy=33KSI
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN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



BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
					
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL ANCHOR DETAILS / INSTALLATION CONDITIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. F1049SF	REV F
ENG. APPVL		SCALE: NTS	AUTOCAD	FL-16740	SHEET 5 OF 14



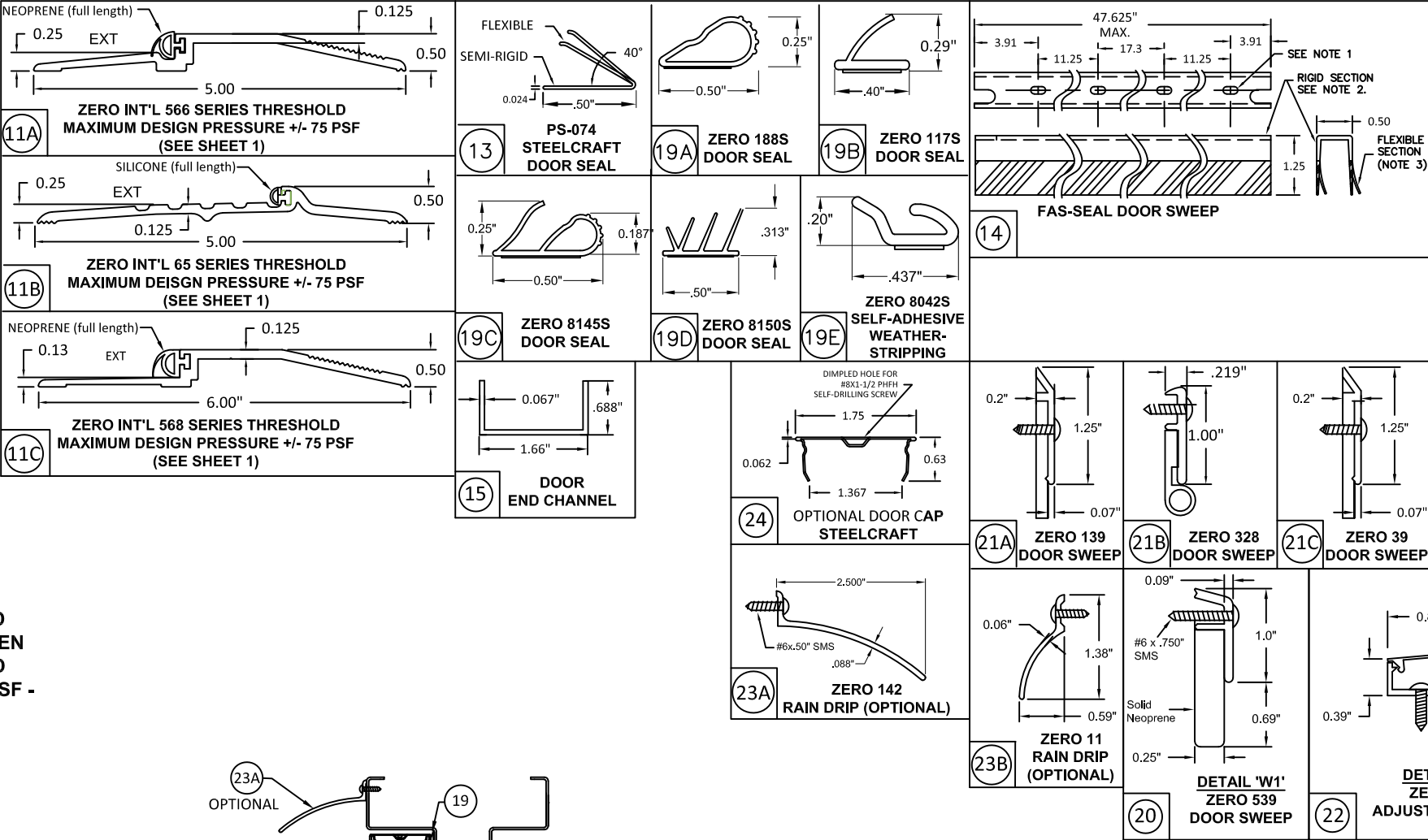
NOTES:
1. STRUCTURAL MEMBERS MUST BE DESIGNED TO CARRY APPROPRIATE LOAD, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.
2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
3. BOTH JAMBS MUST HAVE EQUAL NUMBER OF ANCHORS.
4. APPLY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



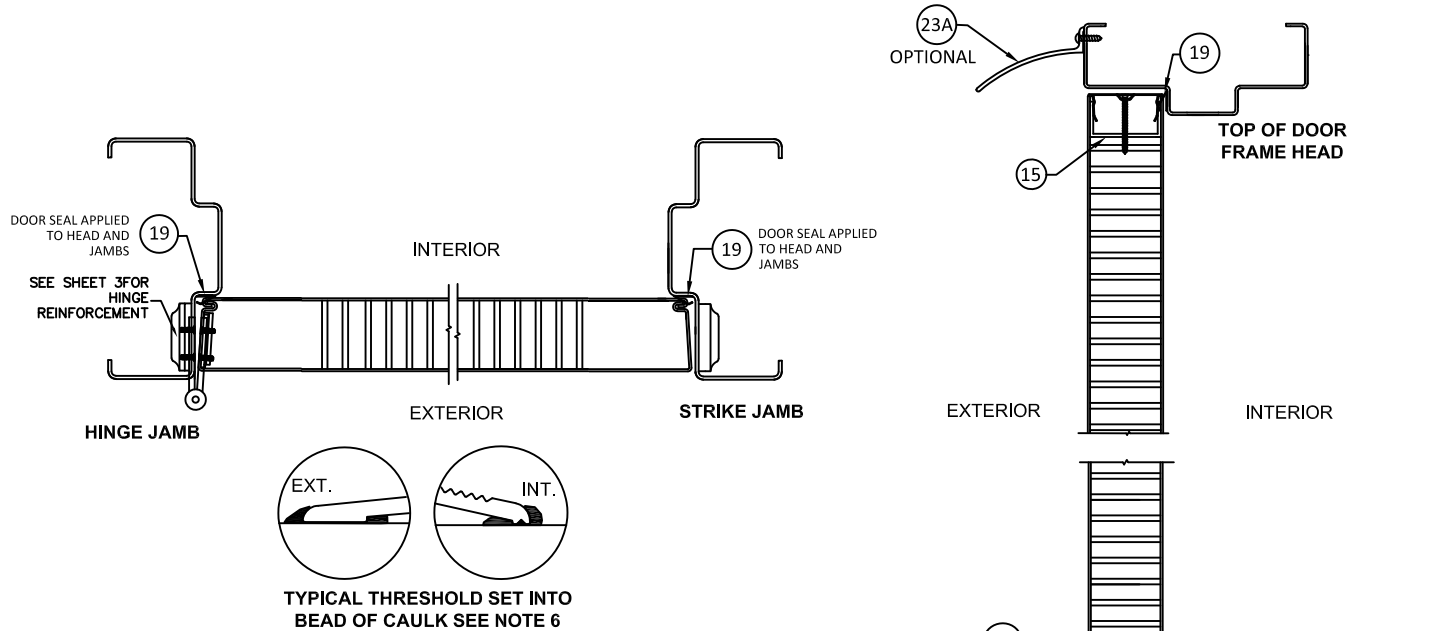
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL ANCHOR DETAILS / INSTALLATION CONDITIONS			
CHECKED		SIZE	FLAT	DWG NO. F1049SF	REV F
APPROVED		SCALE:	NTS	AUTOCAD	FL-16740
ENG. APPVL				SHEET 6 OF	14

TABLE 3 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

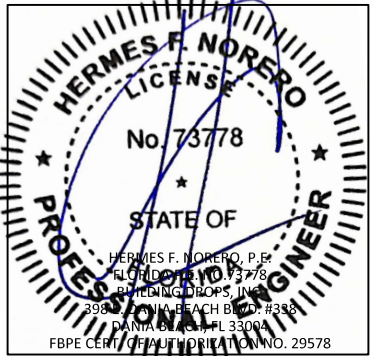
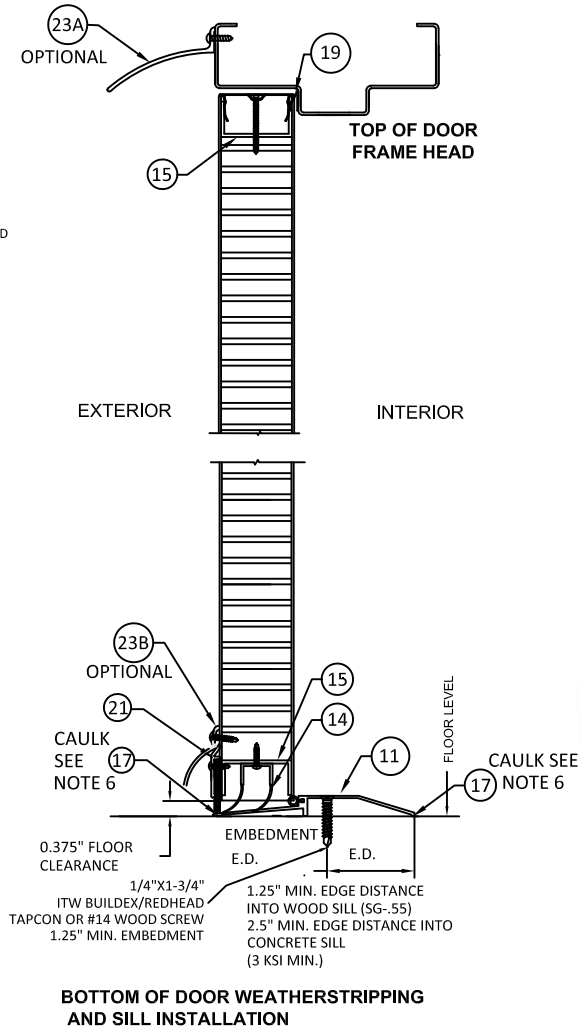
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
11	11A 566 THRESHOLD	ZERO INT'L
	11B 65 THRESHOLD	ZERO INT'L
	11C 568 THRESHOLD	ZERO INT'L
13	PS074 DOOR SEAL	STEELCRAFT
14	FAS-SEAL SWEEP	STEELCRAFT
15	END CHANNEL	STEELCRAFT
19	19A 188S DOOR SEAL	ZERO INT'L
	19B 117S DOOR SEAL	ZERO INT'L
	19C 8145S DOOR SEAL	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
24	OPTIONAL TOP CAP	STEELCRAFT



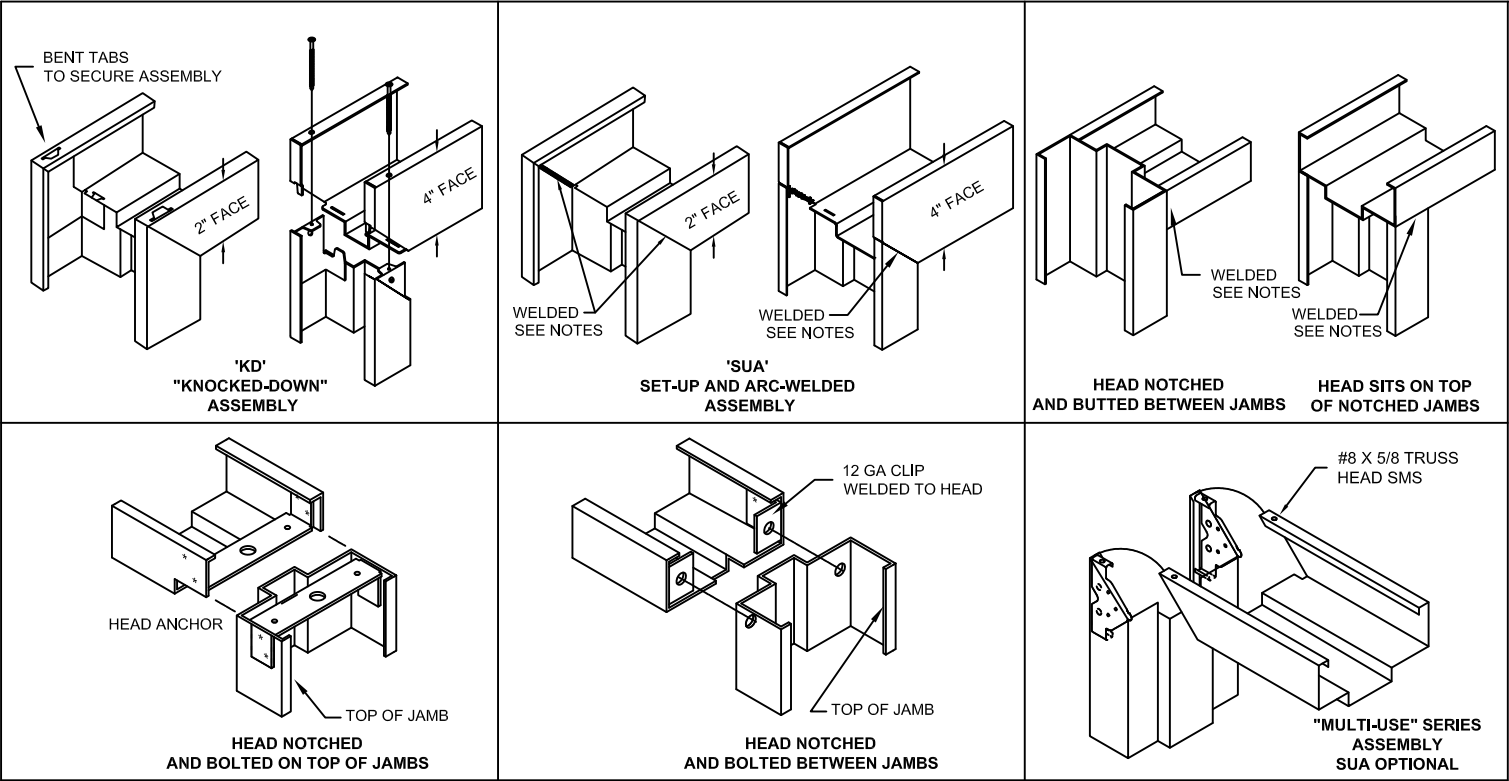
ZERO INT'L 566, 65 AND 568 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED
MAXIMUM DESIGN PRESSURE RATING 75 PSF - MAXIMUM DOOR SIZE 4'-0" X 8'-0" (SEE ELEVATION SHEET 1)



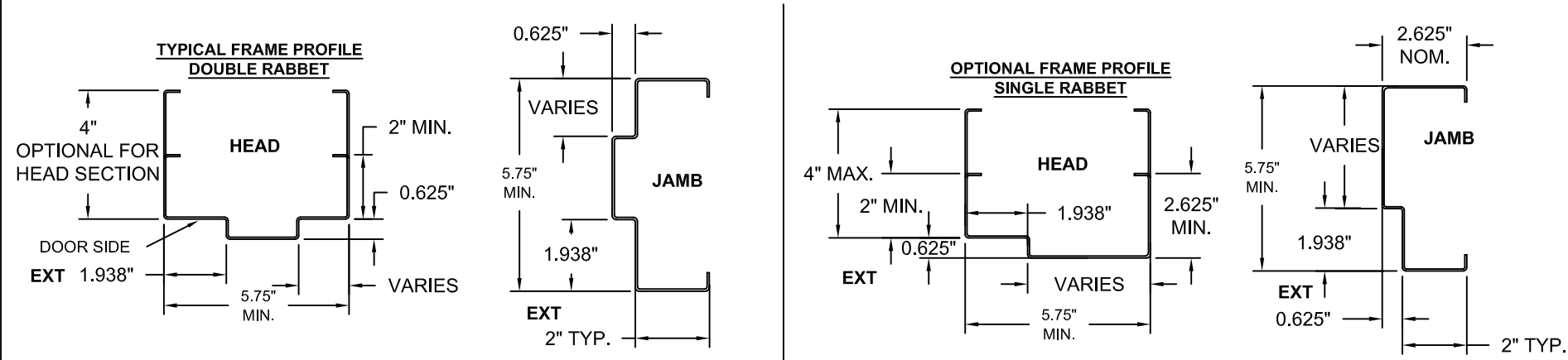
- NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
 2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
 3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
 4. STEELCRAFT INSTALLATIONS REQUIRE FAS-SEAL DOOR SWEEP (14), DOOR SEAL (13, 19A, 19B, 19C, 19D, 19E) AND THRESHOLD (11A, 11B, 11C) 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, 19A, 19B, 19C, 19D, 19E) AND THRESHOLD (11A, 11B, 11C) AS APPLICABLE.
 8. REPUBLIC DOORS HAVE FLUSH TOP DOOR CHANNEL - TOP CAP NOT APPLICABLE



BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	FLORIDA BUILDING CODE PRODUCT APPROVAL DOUBLE FLUSH DOOR PERIMETER SEAL HARDWARE.			
CHECKED		SIZE	FLAT	DWG NO.	REV
APPROVED				F1049SF	F
ENG. APPVL JPD	10/11/07	SCALE:	NTS	AUTOCAD	SHEET
				FL-16740	7 of 14



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



AVAILABLE DOOR PANEL CONFIGURATIONS

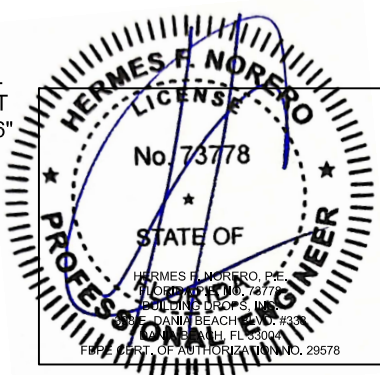
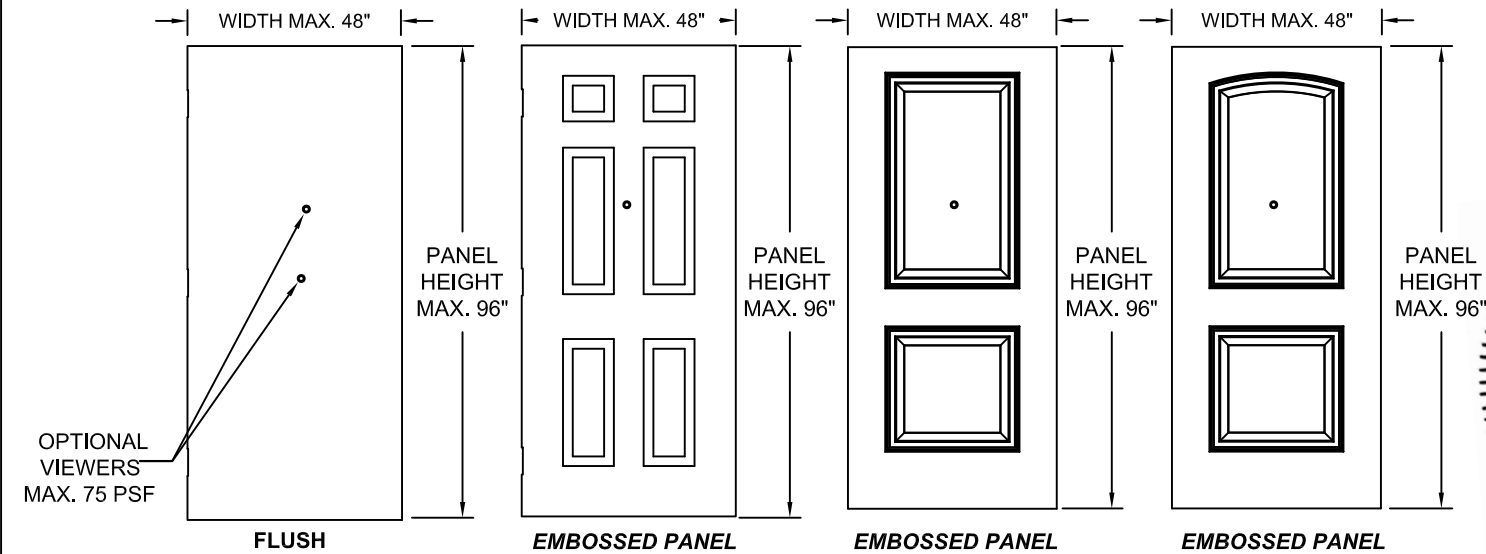


TABLE 4.AVAILABLE STEELCRAFT H-SERIES DOOR CONFIGURATIONS				
STEELCRAFT H-SERIES DOOR CORE MATERIAL PER SHT.7	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	4'-0"	8'-0"	CRS GALV SEE TABLE 4	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	4'-0"	8'-0"	STAINLESS STEEL SEE TABLE 4	16/.053"

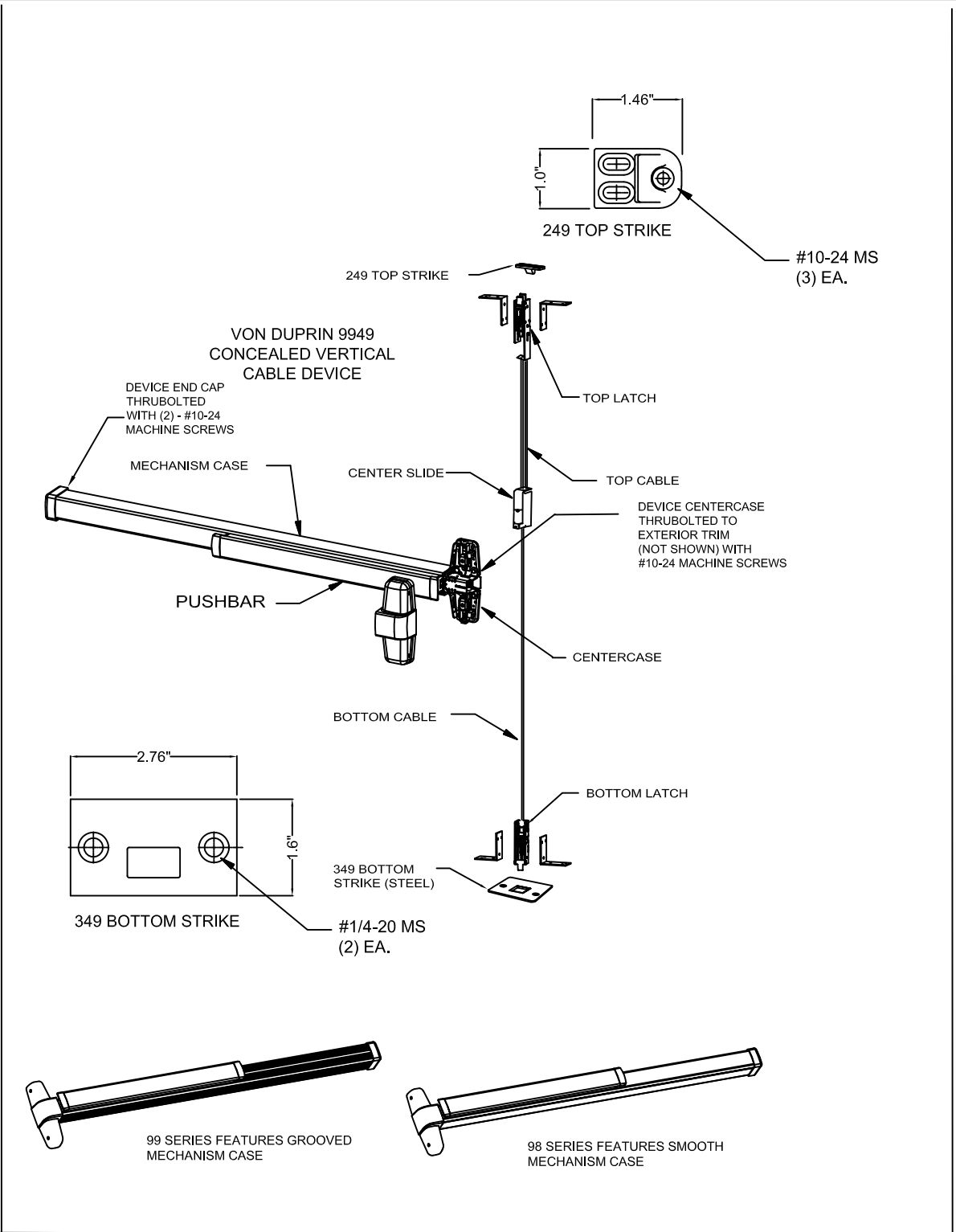
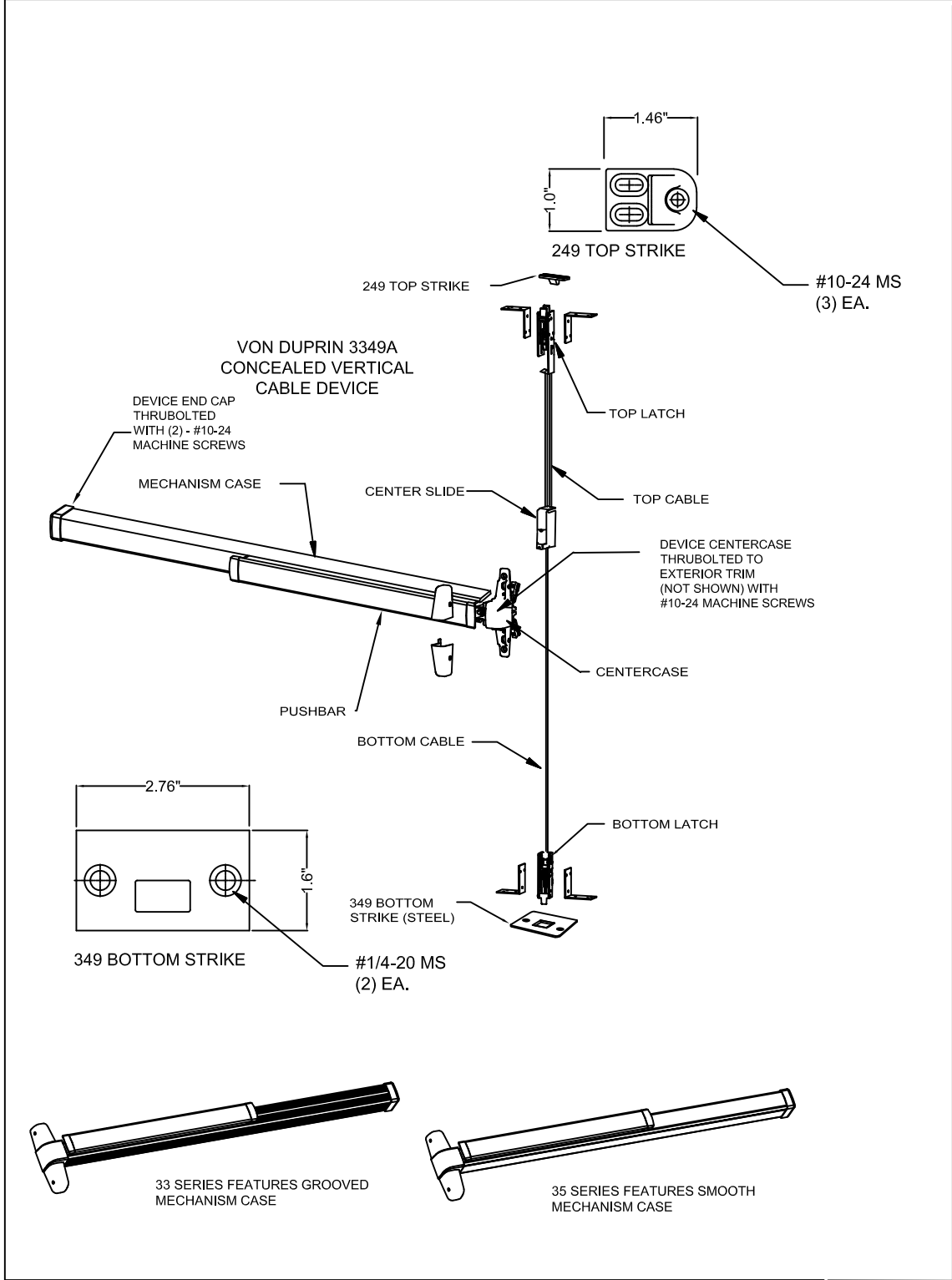
TABLE 5. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS					
FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"

TABLE 6. STEEL MECHANICAL PROPERTIES				
MATERIAL	ASTM REF.	YIELD KSi	TENSILE KSi	
CRS	A1008	MIN. 30.1	MIN. 44.7	
HRS	A1011			
GALV.	A653/A924	MIN. 42.6	MIN. 73.2	
SS:304,316	A240/A480			

NOTES:
1. DOOR CONSTRUCTION
1.1. NOMINAL DOOR THICKNESS - 1 3/4"
1.2. MAXIMUM DOOR SIZE IS 4' X 8' FOR SINGLE OPENING
1.3 FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 6.
1.4 DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN PRESSURE OF +/-75 PSF OR LESS. MAXIMUM 9/16" DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION (MAX 2 PER DOOR)

2. FRAME CONSTRUCTION
2.1. NOMINAL JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
2.2. FRAMES AVAILABLE (SEE TABLE 5)
2.3 FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 6.

BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	STEELCRAFT FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO.	REV
ENG. APPVL JPD	10/12/07			F1049SF	F
SCALE:		NTS	AUTOCAD	FL-16740	SHEET 8 OF 14

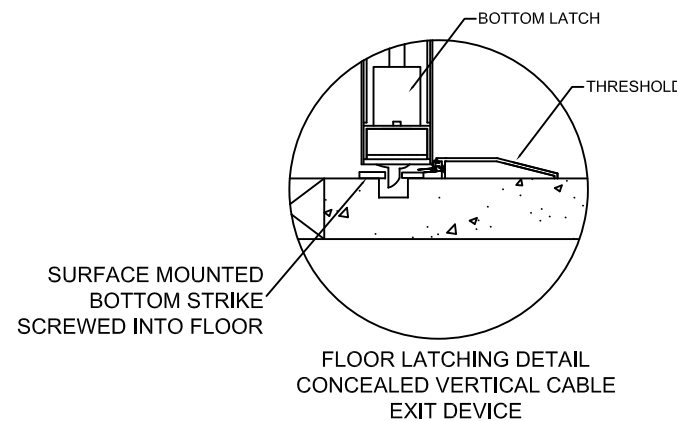
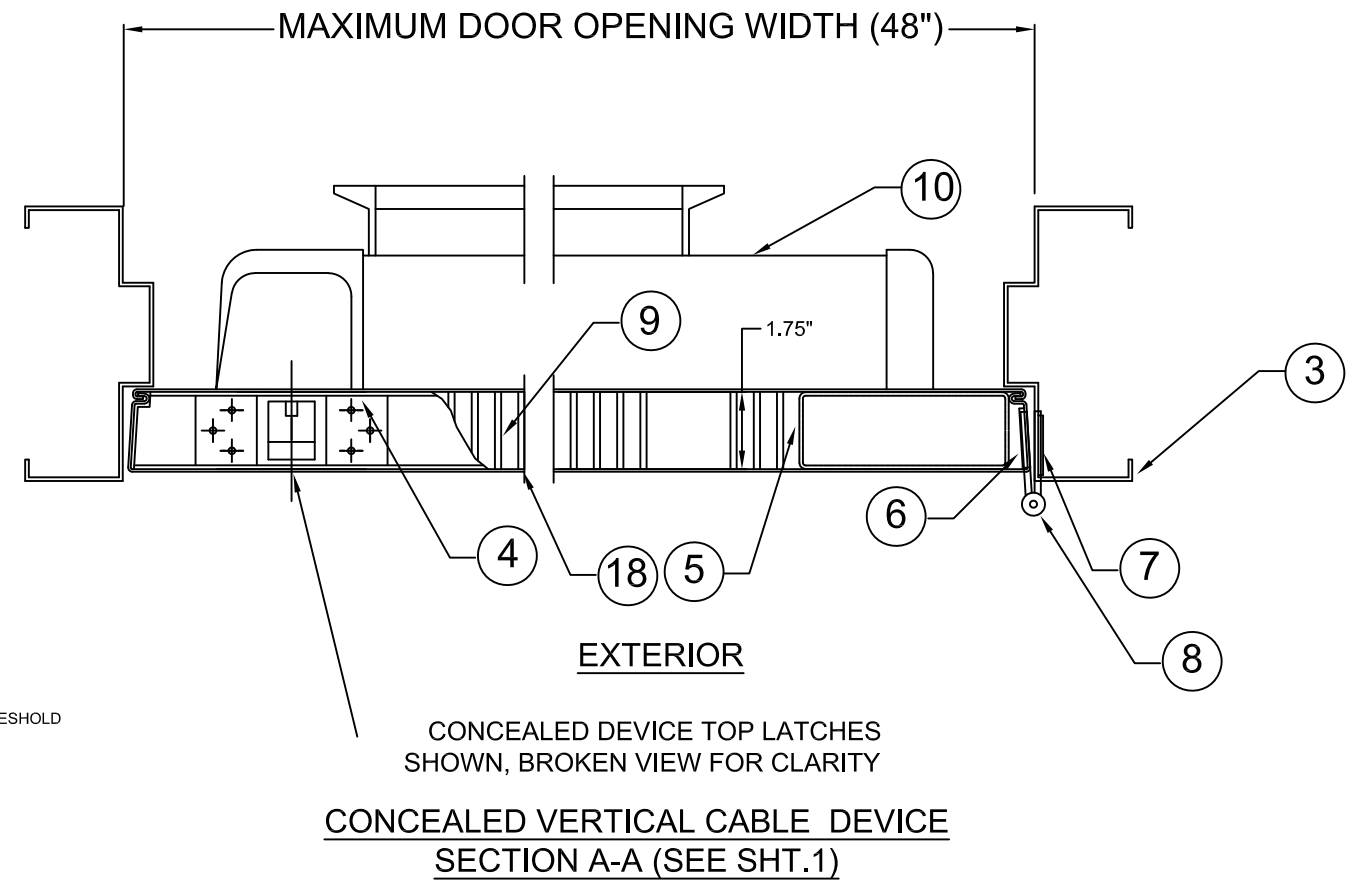
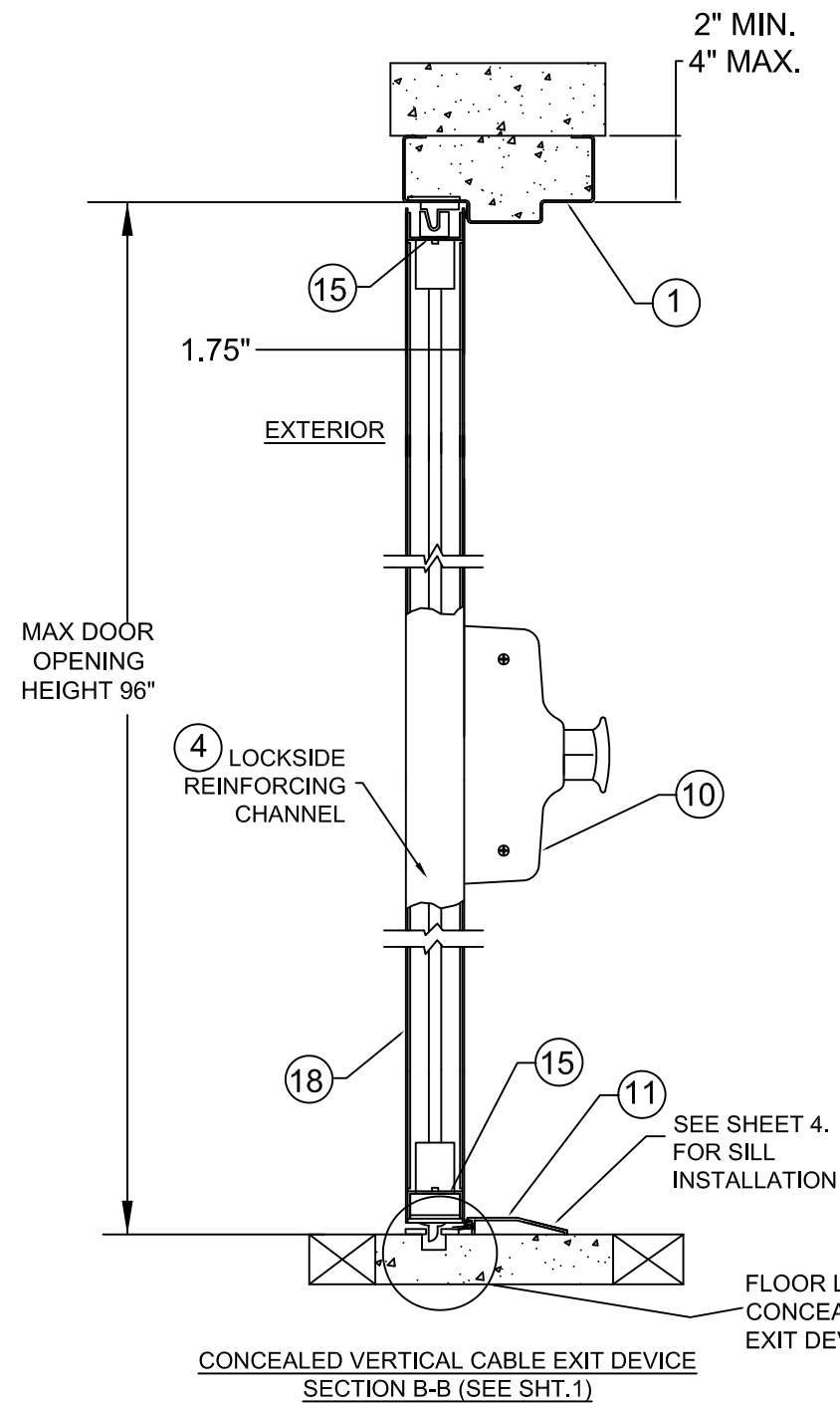


VON DUPRIN 3349A, 3549A, 3349A-F, 3549A-F
CONCEALED VERTICAL CABLE DEVICE

VON DUPRIN 9849, 9949, 9849-F, 9949-F
CONCEALED VERTICAL CABLE DEVICE

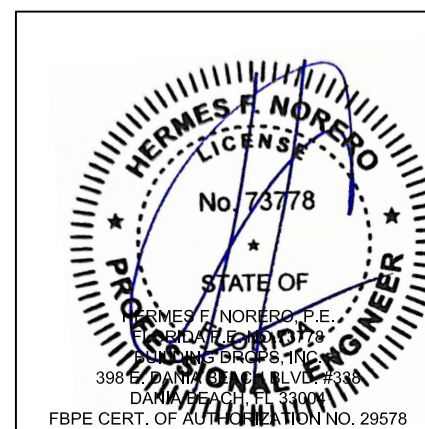
HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
CORPORATE NO. 73778
BUILDING DEPT. INC.
398 E. PANAMA BLVD., #300
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

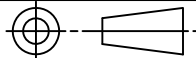
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
THIRD ANGLE PROJECTION		FLORIDA BUILDING CODE PRODUCT APPROVAL EXIT HARDWARE FOR FLUSH SINGLE DOORS			
DRAWN JPD	DATE 10/25/12	SIZE FLAT		DWG NO. F1049SF	REV F
CHECKED	CDATE	SCALE: NTS		AUTOCAD	FL-16740
APPROVED	ADATE	SHEET 9 OF 14			
ENG. APPVL X	EDATE 10/25/12				

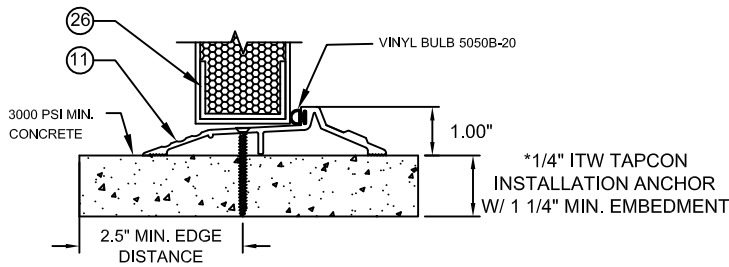
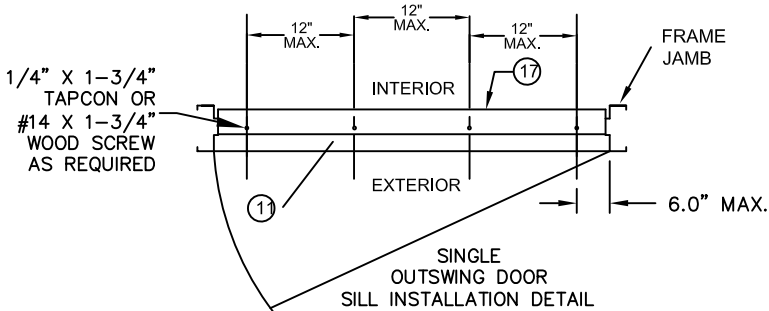
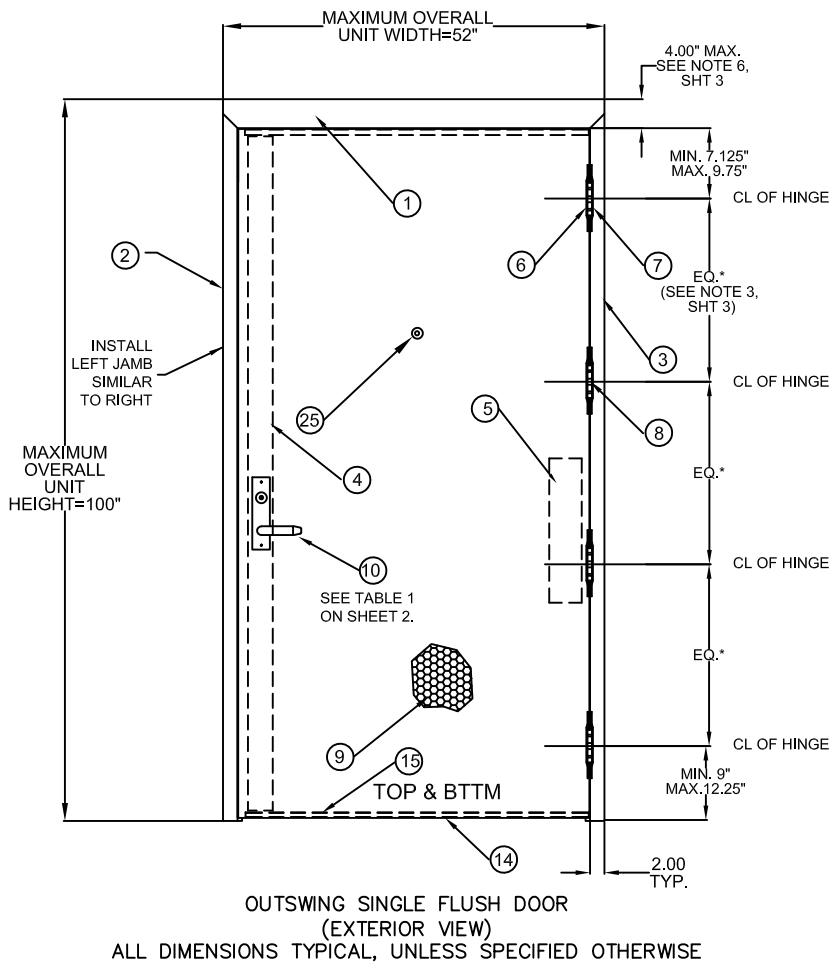


NOTES:

1. FOR MAXIMUM OPENING SIZE SEE TABLE 1 ON SHT 2 OF 11.
2. SEE SHEETS 5, 6, 13 AND 14 FOR ANCHOR INSTALLATION DETAILS.

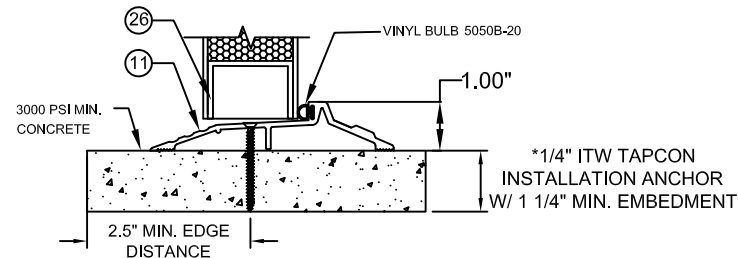


BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES				
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL VERTICAL AND HORIZONTAL CROSS SECTIONS FOR FLUSH SINGLE DOORS.				
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. F1049SF		REV F
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL-16740	SHEET 10 OF 14



OPTIONAL THRESHOLD DETAIL (SILL) WITH FLUSH BOTTOM RAIL

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



OPTIONAL THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL

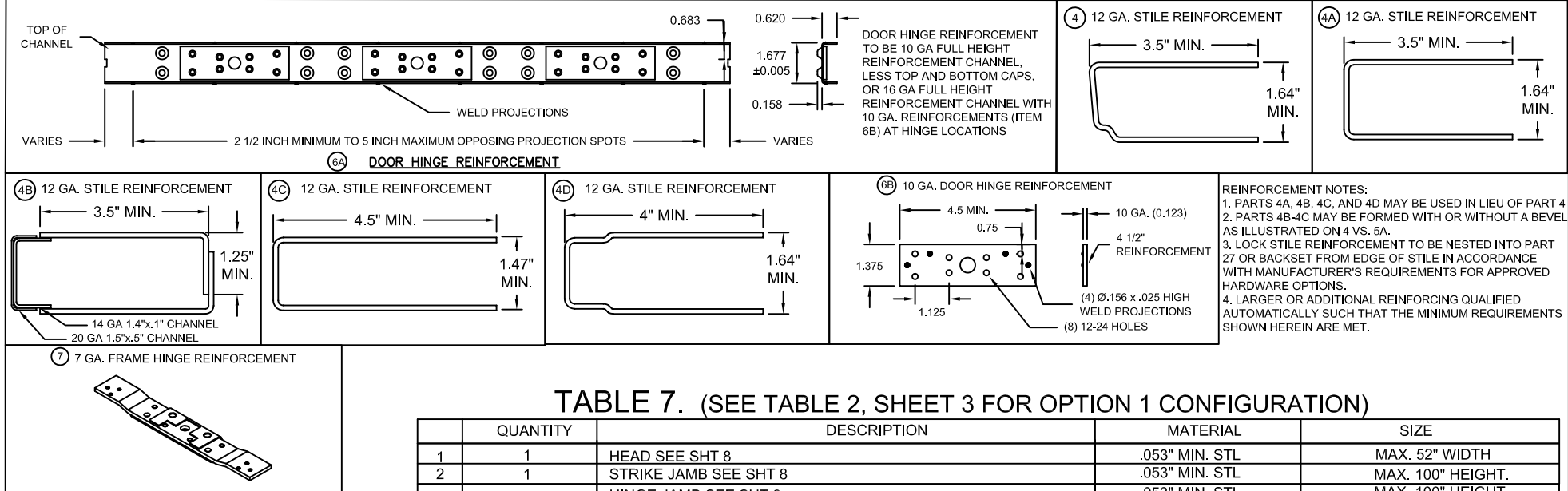
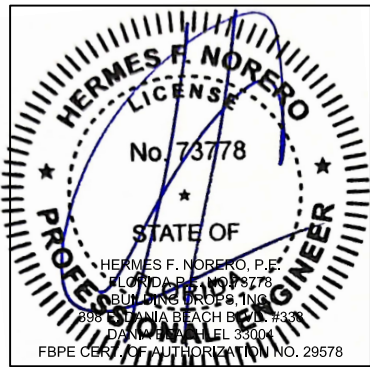
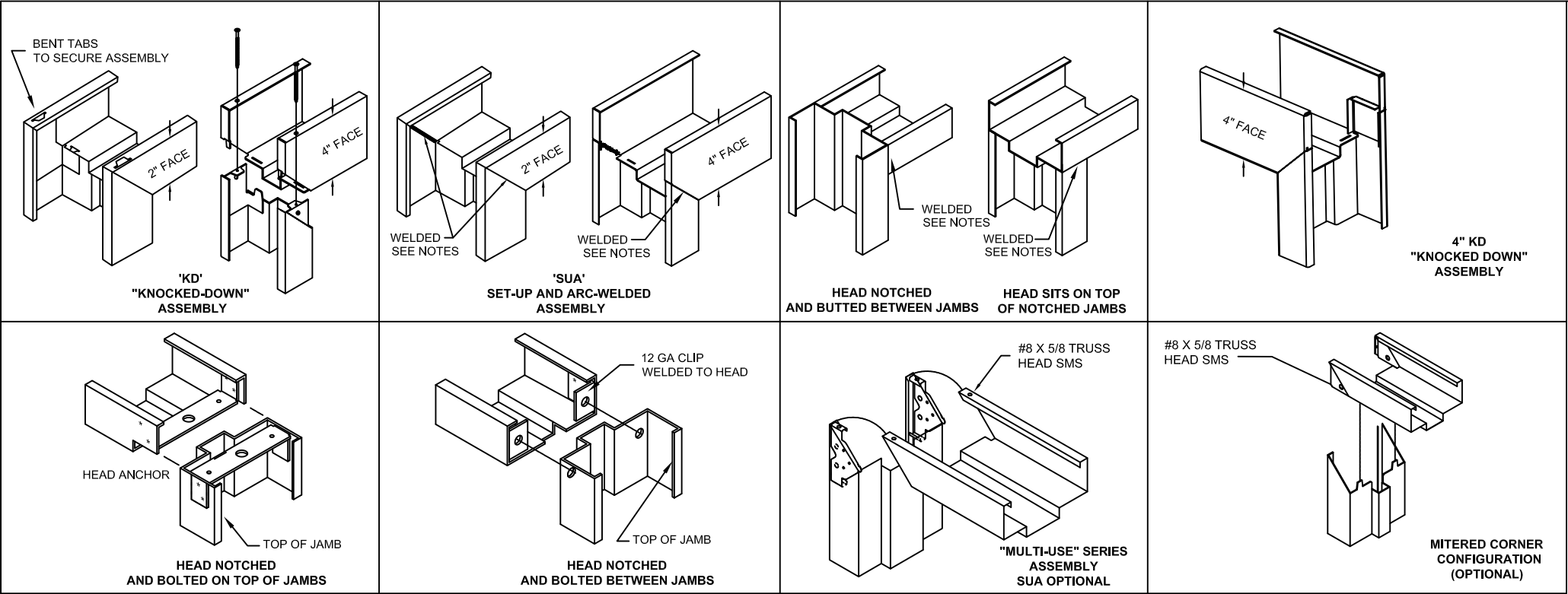


TABLE 7. (SEE TABLE 2, SHEET 3 FOR OPTION 1 CONFIGURATION)

	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 8	.053" MIN. STL	MAX. 52" WIDTH
2	1	STRIKE JAMB SEE SHT 8	.053" MIN. STL	MAX. 100" HEIGHT.
3	1	HINGE JAMB SEE SHT 8	.053" MIN. STL	MAX. 100" HEIGHT.
4	1	LOCK SIDE REINFORCEMENT CHANNEL	.093" MIN. STL	3.5 X 93.44 MAX
5	1	HINGE SIDE PANIC REINFORCEMENT	.067" MIN. STL	MAX. 20"
6	NOTE 3, SHT 3	HINGE REINFORCEMENT DOOR	.167" MIN. STL.	1.23" X 9.19" MIN.
6A	NOTE 3, SHT 3	HINGE REINFORCEMENT DOOR	.053" MIN. STL.	1.677" X FULL LENGTH-END CHNLS
6B	NOTE 3, SHT 3	HINGE REINFORCEMENT DOOR	.123" MIN. STL.	1.375" X 4.5" MIN.
7	1	HINGE REINFORCEMENT FRAME	.167" MIN. STL.	1.5" X 9.19" MIN.
8	NOTE 3, SHT 3	4.5" X 4.5" BUTT HINGES OR 5" X 5" BUTT HINGES OPTIONAL CONTINUOUS HINGE (SEE SHT.3)	.134 MIN. .067" MIN. STL/.12 ALUM	(8) #12-24 MS PER HINGE MAX. 95"
9	1	CORE MATERIAL (SHT 4): D) HONEYCOMB C) STEEL STIFFENED B/F) POLYURETHANE/POLYISOCYANURATE	A/F) POLYSTYRENE E) MINERAL BOARD TEMPERATURE RISE CORE	
10	1	LOCKING HARDWARE - SEE SHEETS 2, 9 & 10 THRESHOLD SILL W/BUMPER GASKET (SEE SHT.7)		
11	1	11A) ZERO 566A 11B) ZERO 65A 11C) ZERO 568A NAT'L GUARD 803V OR 950A	.125" ALUM. 6063 T5 .125" ALUM. 6063 T5 ALUM. 6063 T5	5.0" MIN. X 0.5" X 48" MAX. 6.0" MIN. X 0.5" X 48" MAX. 5.0" MIN. X 1" X 48" MAX.
12	NOTE 2, SHT 3	JAMB ANCHOR	SEE SHEETS 5&6	
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 SHEET 8	4' X 8' MAX.
19	1	BY ZERO INT'L SEAL A)188S, B)117S, C)8145S, D)8150S, E)8042S BY NGP DOOR SEAL No.5020	SILICONE	MAX. 20'
20	1	BY ZERO INT'L DOOR SWEEP No.539 BY NGP DOOR SWEEP No.202N	TPE	MAX. 96"
21	1	BY ZERO INT'L SWEEP A)139, B)328, C)39 BY NGP DOOR SWEEP No.200N	SEE SHEET 7	MAX. 48"
22	2	BY ZERO INT'L ADJUSTABLE STOP No.475 BY NGP ADJUSTABLE STOP No.170N	TPE	MAX. 48"
23	1	BY ZERO INT'L RAIN DRIP No.11, 142 BY NGP DRIP CAP No.16A, 17	SEE SHEET 7	MAX. 52"
24	1	TOP CAP GALV. A60	.020" MIN. STL	0.5" X 1.76" X 48" MAX.
25	1	VIEWER - IVES U698/698		.56 DIAMETER HOLE IN DOOR
26	4	END CHANNEL (16 GAUGE-INVERTED OR FLUSH)	.053" MIN. STL.	.62" X 1.66" X 47.66" MAX.
27	4	EDGE CHANNEL (16 GAUGE MIN)	.053" MIN. STL.	.62" X 1.66" X 48" MAX.
28	NOTE 3,SHEET3	HINGE REINFORCEMENT FRAME	.149" MIN. STL.	1.23" X 9.19" MIN.



BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES	
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL FLUSH SINGLE DOOR OUTSWING CONFIGURATIONS	
CHECKED		SIZE	FLAT
APPROVED		DWG NO.	F1049SF
ENG. APPVL X	10/25/12	SCALE:	NTS
		AUTOCAD	FL-16740
		SHEET	11 OF 14
		REV	F



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

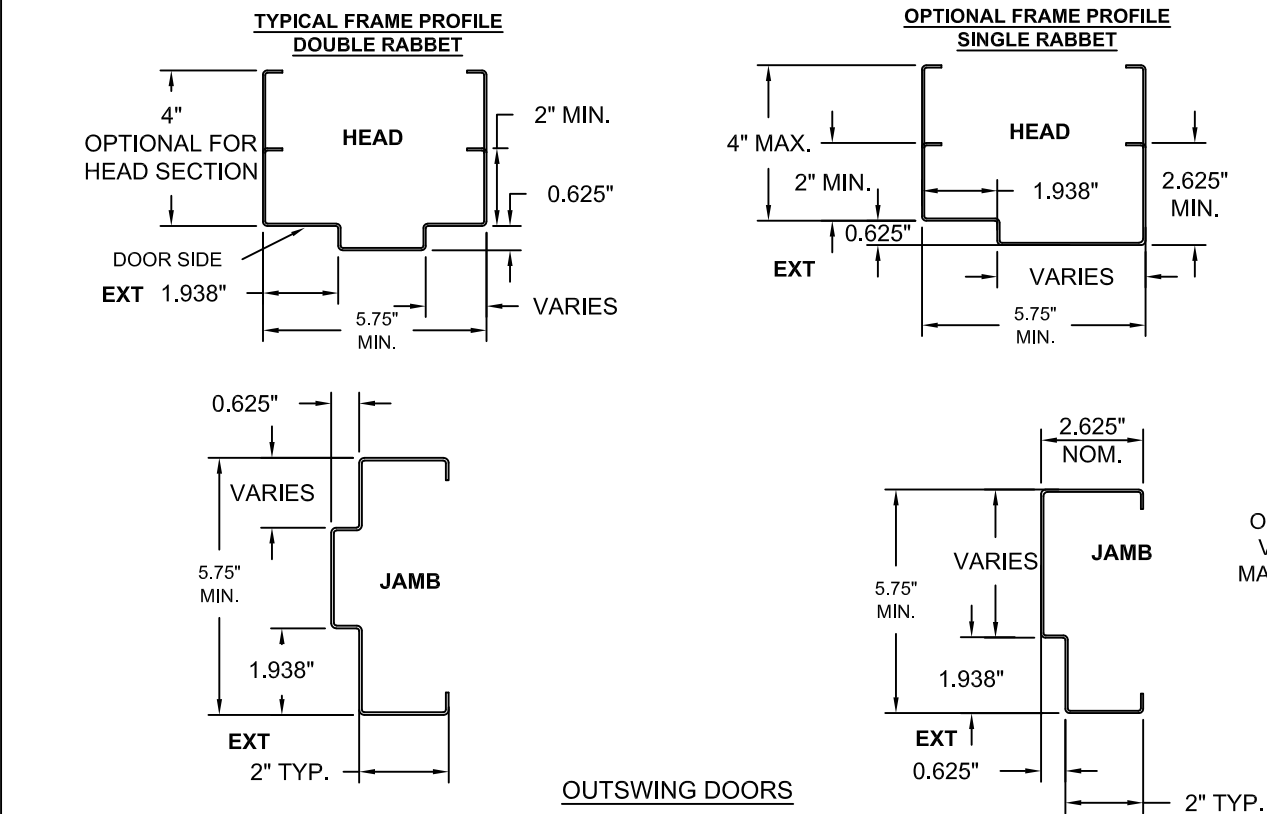
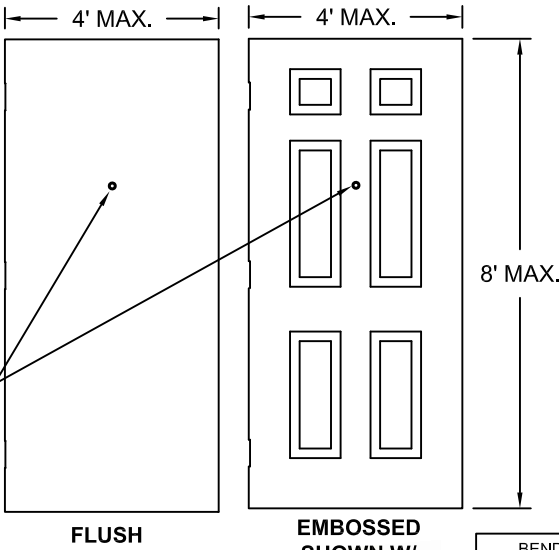


TABLE 10. STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSi	TENSILE KSi
CRS	A1008	MIN. 30.1	MIN. 44.7
HRS	A1011		
GALV.	A653/A924		
SS:304,316	A240/A480	MIN. 31.2	MIN. 73.2

AVAILABLE DOOR PANEL CONFIGURATIONS



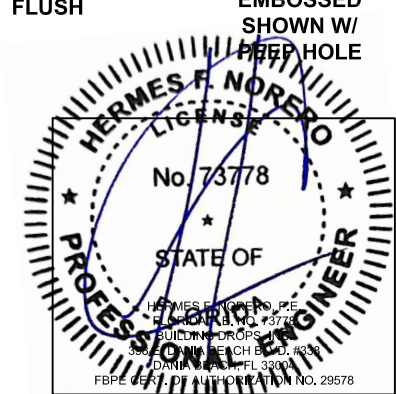
- NOTES:
- DOOR CONSTRUCTION
 - NOMINAL DOOR THICKNESS - 1 3/4"
 - MAXIMUM DOOR SIZE IS 4' X 8' FOR DOUBLE OPENING
 - FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 10.
 - DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN PRESSURE OF +/-75 PSF OR LESS. MAXIMUM 9/16" DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION
 - FRAME CONSTRUCTION
 - NOMINAL JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - FRAMES AVAILABLE (SEE TABLE 9)
 - FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 10.

TABLE 8. AVAILABLE REPUBLIC DOOR CONFIGURATIONS

REPUBLIC DOOR SERIES	DOOR CORE MATERIAL PER SHT.7	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

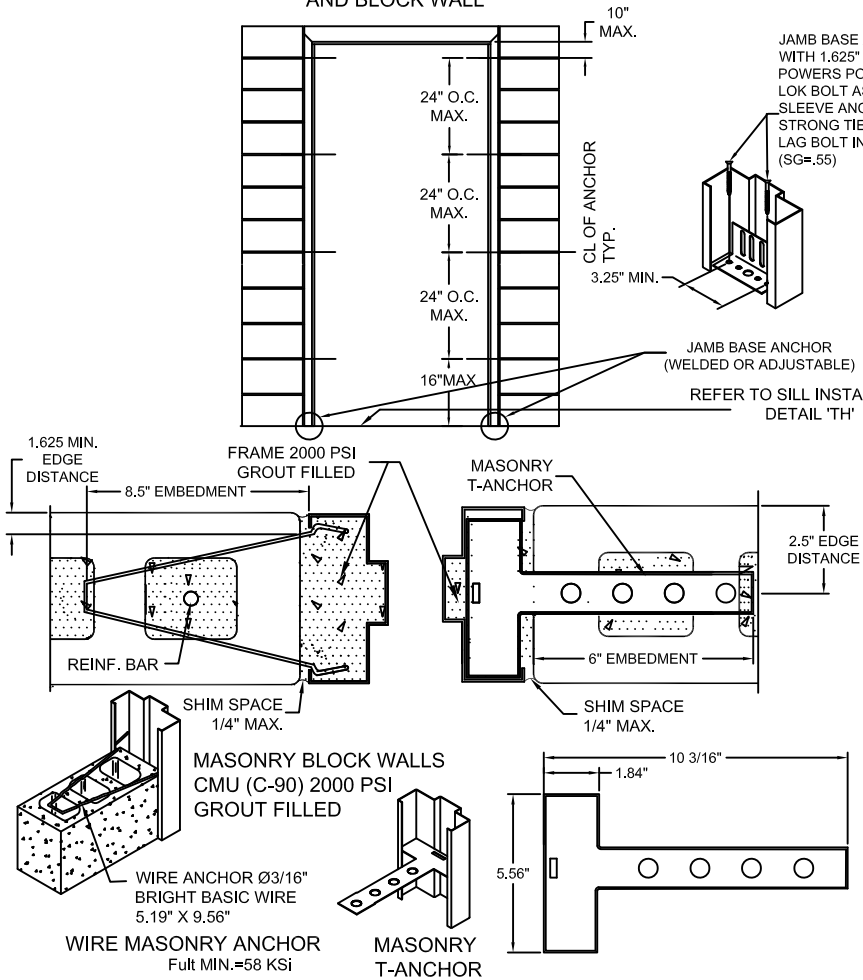
REPUBLIC FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
ME / SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"
SE	5.75" MIN.	4'-0"	8'-0"	CRS/HRS GALV	12/.093"



BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	REPUBLIC FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS			
CHECKED		SIZE	FLAT	DWG NO. F1049SF	REV F
APPROVED					
ENG. APPVL JPD	10/12/07	SCALE: NTS	AUTOCAD	FL-16740	SHEET 12 OF 14

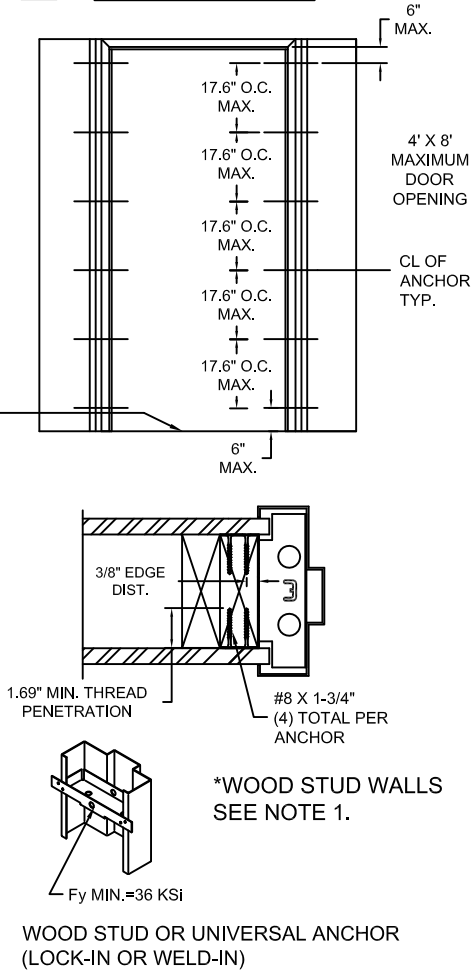
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WIRE MASONRY ANCHOR
INTO GROUT FILLED FRAME
AND BLOCK WALL



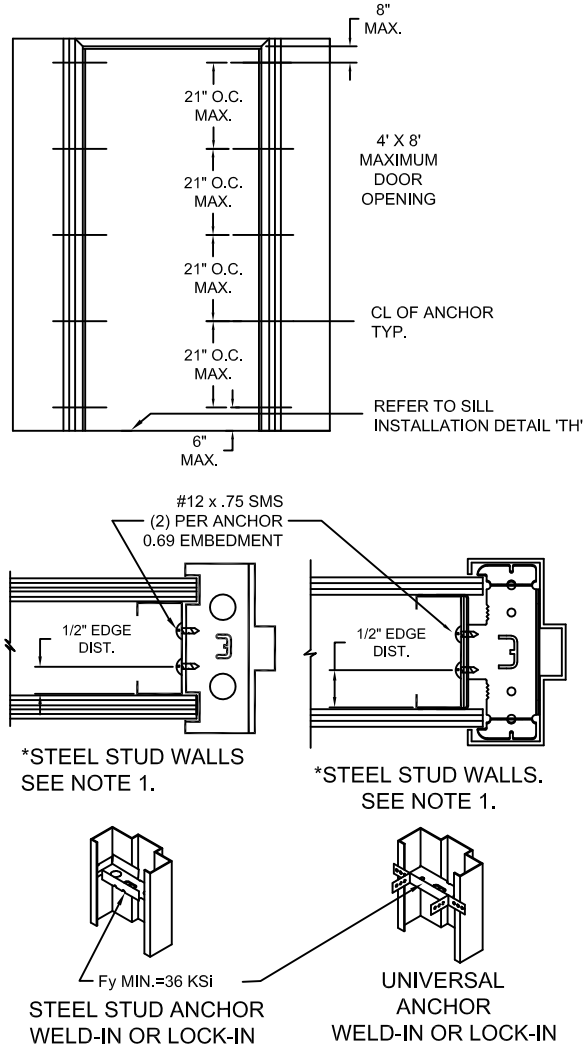
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WOOD STUD ANCHOR



3

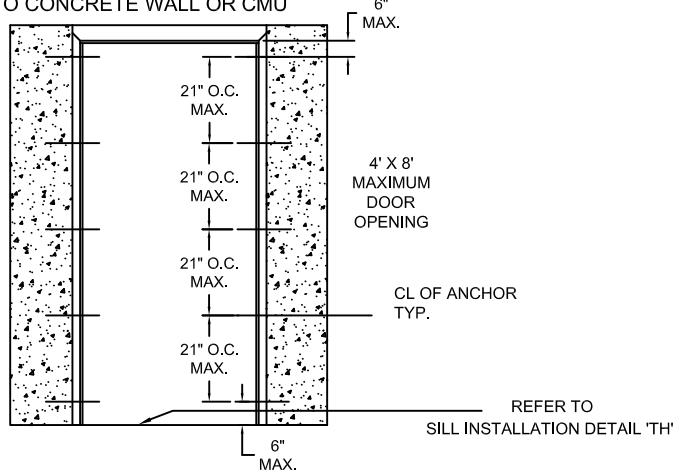
STEEL STUD ANCHOR



SEE PAGE 5 AND 6 FOR
OPTION 1 ANCHOR DETAILS

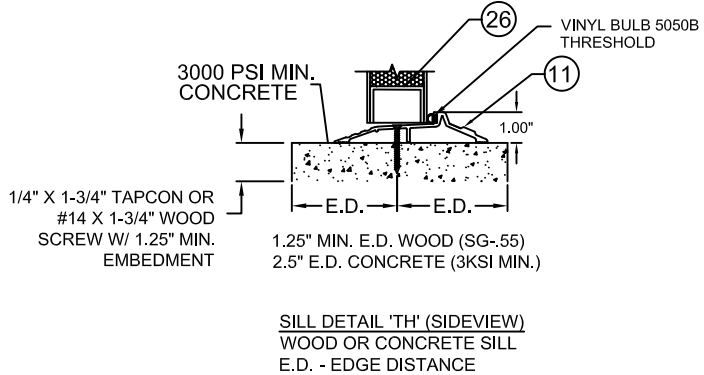
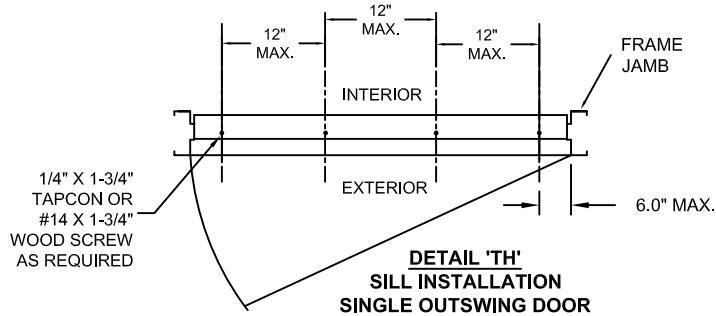
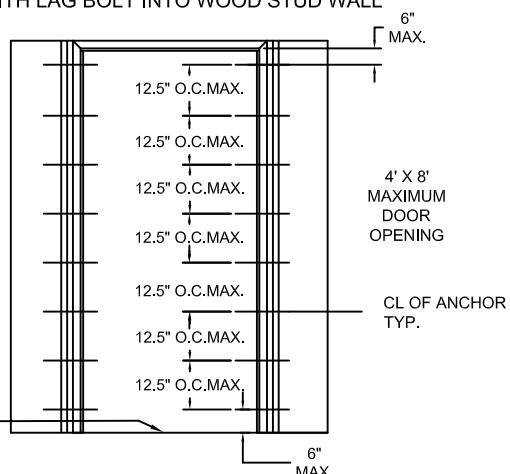
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EXISTING MASONRY ANCHOR (EMA)
INTO CONCRETE WALL OR CMU

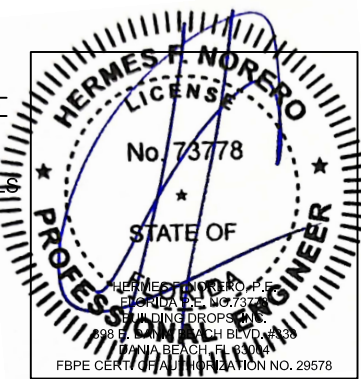
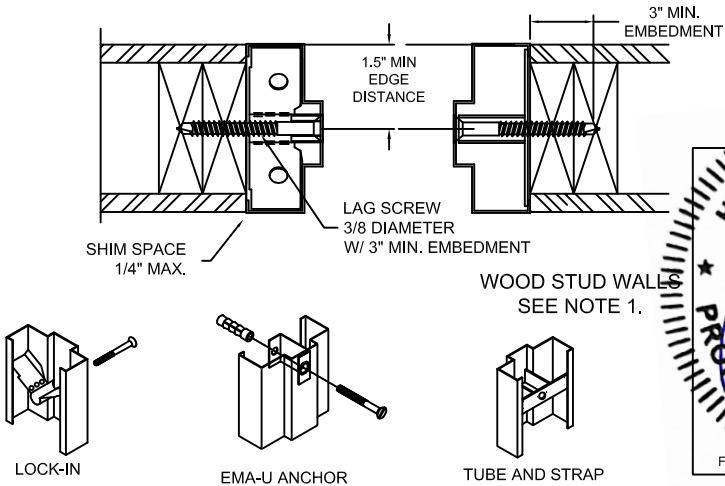
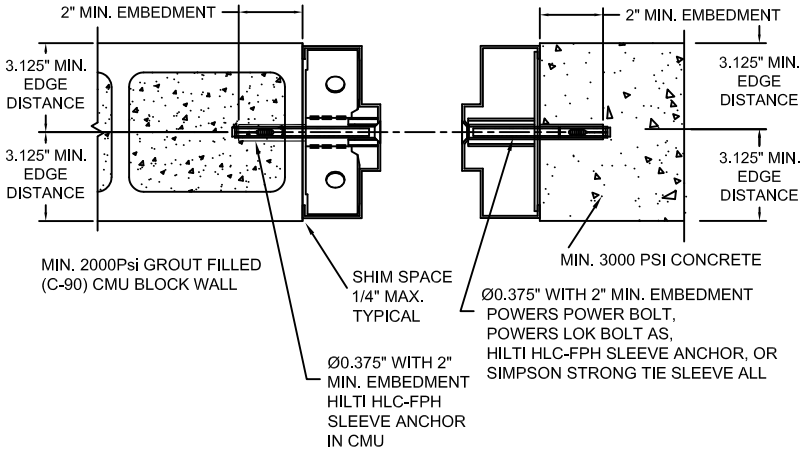


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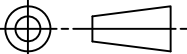
EXISTING MASONRY ANCHOR (EMA)
WITH LAG BOLT INTO WOOD STUD WALL



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. 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 MAY BE USED WITH ALL WALL TYPES.



BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: REPUBLIC SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN JPD		FLORIDA BUILDING CODE PRODUCT APPROVAL ANCHOR DETAILS / INSTALLATION CONDITIONS			
CHECKED		DATE 10/25/12		REV F	
APPROVED		SIZE FLAT		DWG NO. F1049SF	
ENG. APPVL		SCALE: NTS		SHEET 13 OF 14	

BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
					
THIRD ANGLE PROJECTION		TITLE: SINGLE FLUSH OUTSWING WITH PANIC EXIT DEVICES			
DRAWN JPD	DATE 10/25/12	FLORIDA BUILDING CODE PRODUCT APPROVAL ANCHOR DETAILS / INSTALLATION CONDITIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. F1049SF	REV F
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL-16740 SHEET 14 OF 14