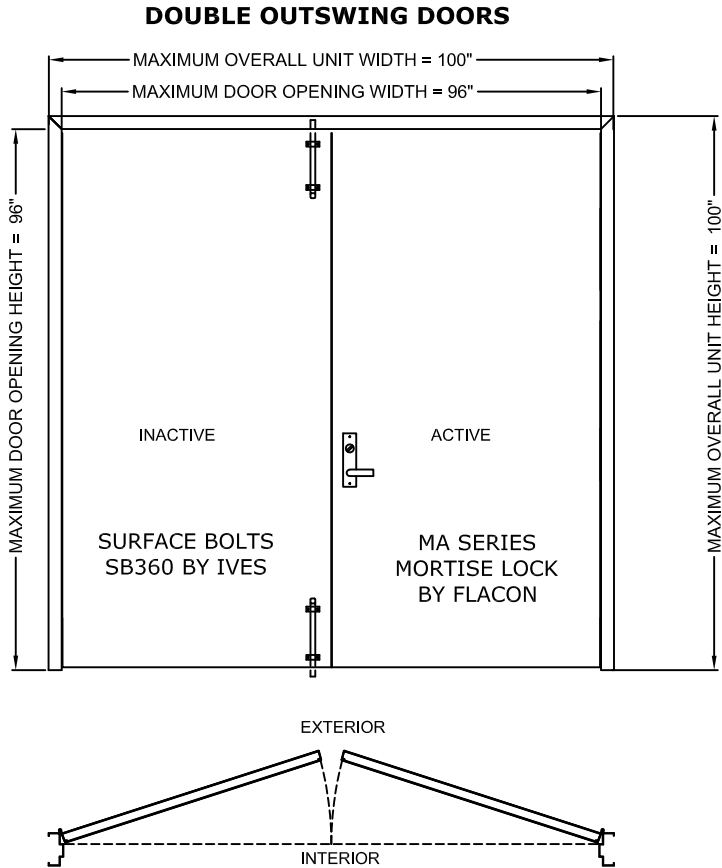


DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED
	OUTSWING
POSITIVE	+ 50 PSF
NEGATIVE	- 50 PSF

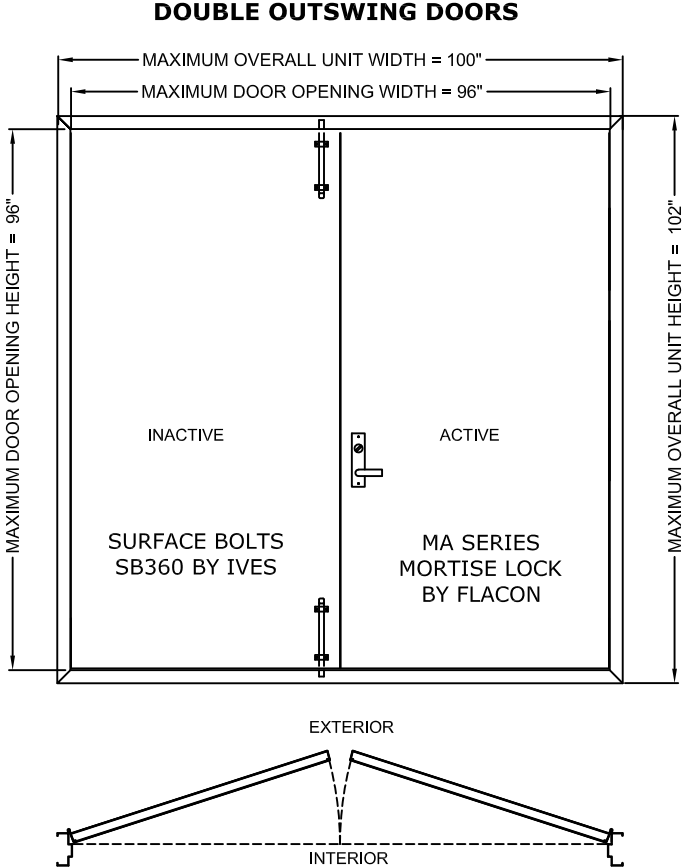
WATER INFILTRATION NOT APPROVED

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

3-SIDED FRAME CONSTRUCTION



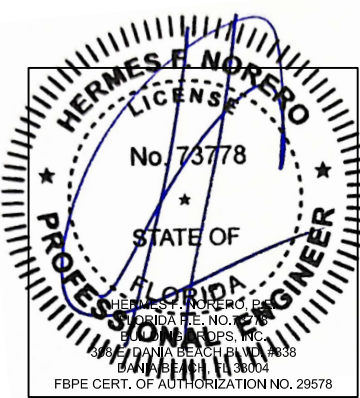
4-SIDED FRAME CONSTRUCTION



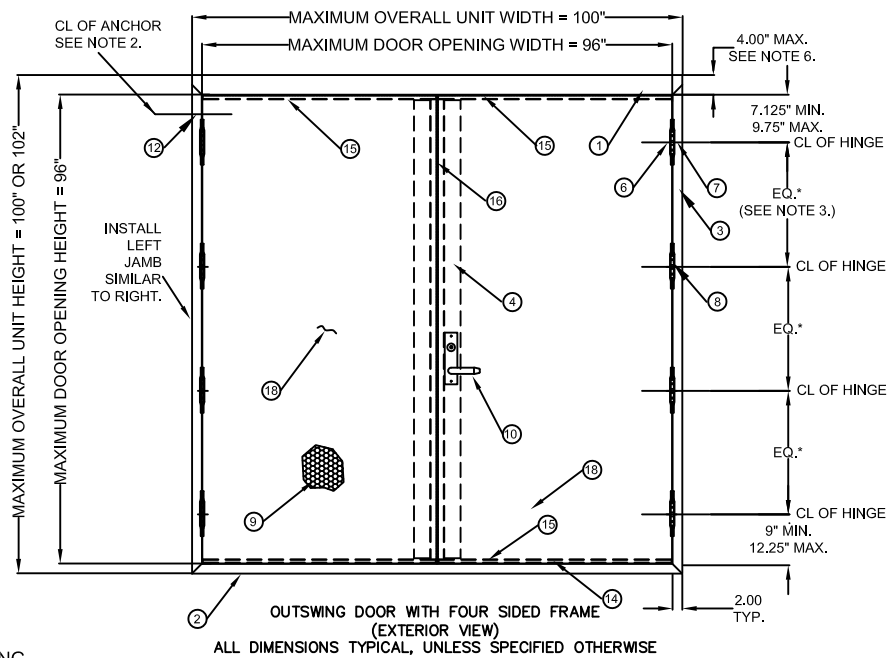
3-SIDED FRAME CONSTRUCTION

4-SIDED FRAME CONSTRUCTION

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.



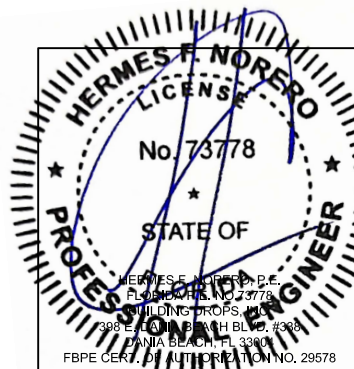
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL			
DRAWN JPD	DATE 08/21/13	COMMERCIAL STEEL DOORS UP TO 8'-0"X8'-0" DOUBLE OPENING OUTSWING THREE AND FOUR SIDED FRAMES TESTED TO TAS 201,202,203 HVHZ & ASTM E1886, E1996			
CHECKED		SIZE	FLAT	DWG NO. FMA-DF	REV E
APPROVED		SCALE: NTS AUTOCAD FL16740 SHEET 1 OF 16			
ENG. APPVL					

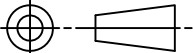


ALL DIMENSIONS TYPICAL, UNLESS SPECIFIED OTHERWISE

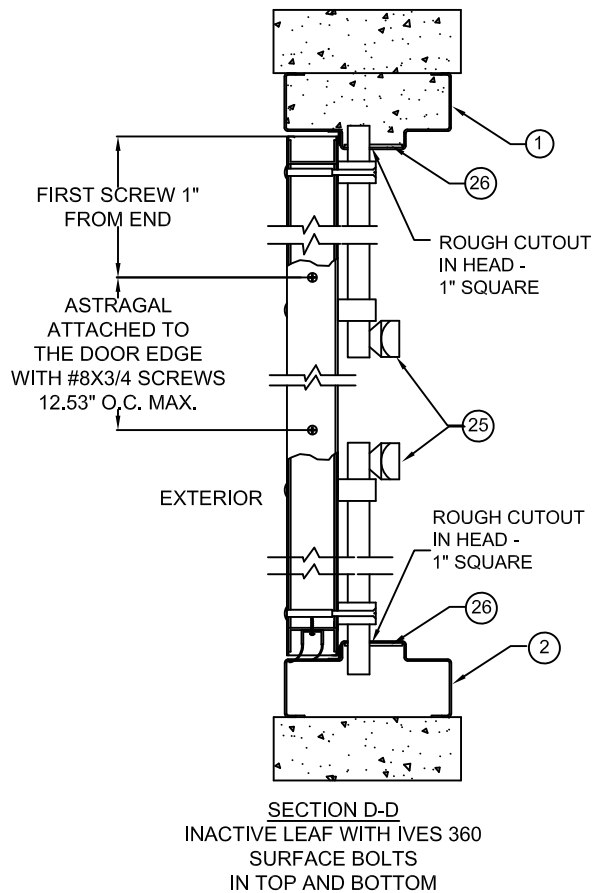
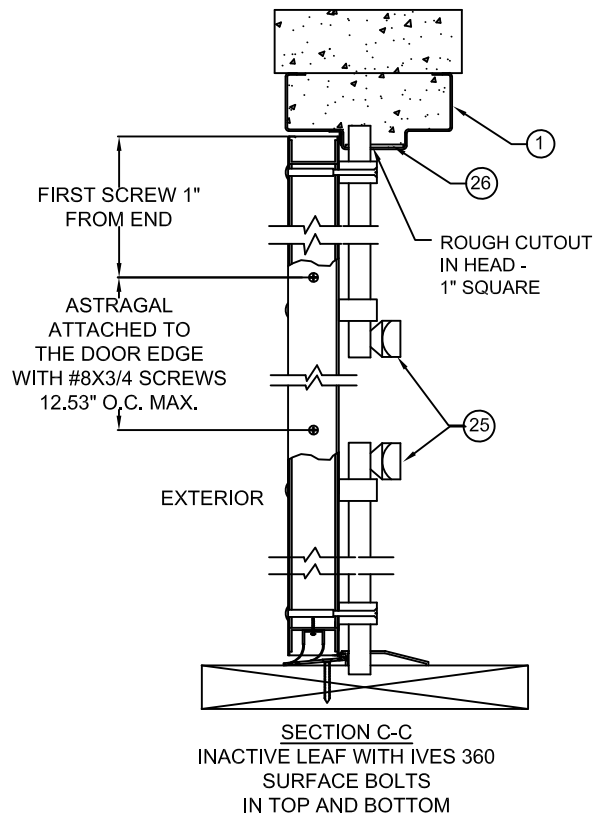
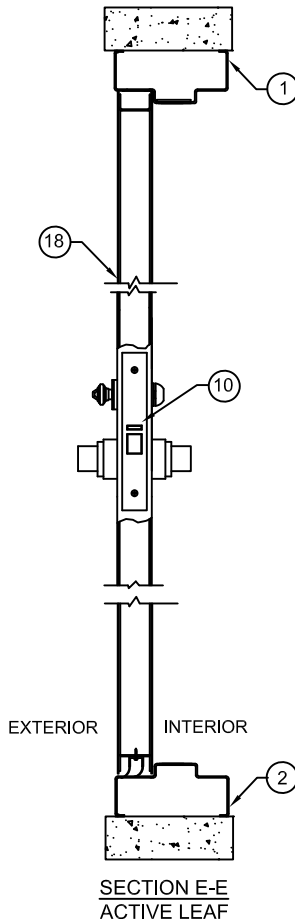
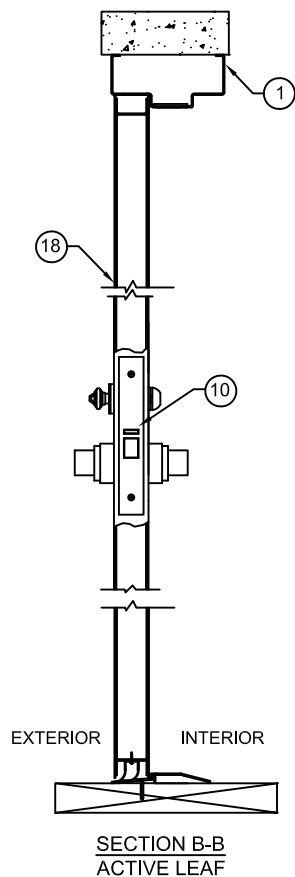
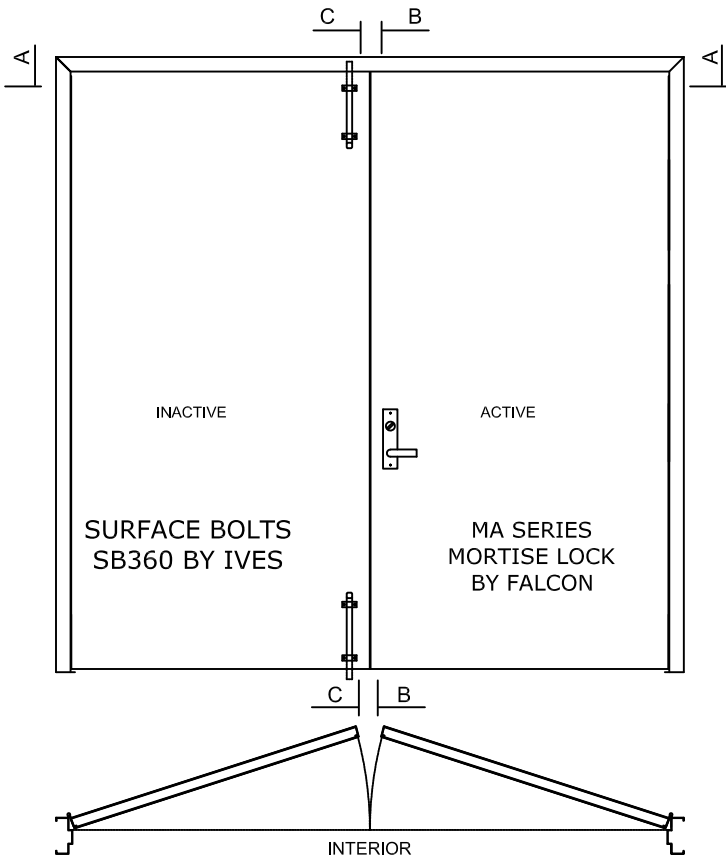
1. WEATHERSTRIPPING
- INSTALL PER SHT.12.
2. ANCHOR REQUIREMENTS: SEE SHEETS 6-11 FOR APPROVED ANCHOR INSTALLATION REQUIREMENTS.
3. BUTT HINGE REQUIREMENTS:
FOR DOOR OPENING UP TO 60" HIGH - MIN. (2) HINGES
FOR DOOR OPENING OVER 60" - 90" HIGH - MIN. (3) HINGES
FOR DOOR OPENING OVER 90" - 96" HIGH - MIN. (4) HINGES
LOCATIONS: 7.125" MIN. - 9.75" MAX. FROM RABBIT IN HEAD TO CL OF TOP HINGE
9" MIN. - 12.25" MAX. 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 1, 2, 13 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 3 FOR SECTIONS A-A, B-B, C-C, D-D, AND E-E.
9. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
10. OPTIONAL POWER TRANSFERS, MONITORING SWITCHES, SUPPLEMENTARY MAGNETIC LOCKS MAY BE USED AS ALLOWED BY CODE.

	QUANTITY	DESCRIPTION		MATERIAL	SIZE
1	1	HEAD SEE SHT 13		.053" MIN. STL	MAX. 100"
2	1	SILL JAMB SEE SHT 13		.053" MIN. STL	MAX. 100" HEIGHT.
3	2	HINGE JAMB SEE SHT 13		.053" MIN. STL	MAX. 102" HEIGHT.
4	2	LOCK SIDE REINFORCEMENT CHANNEL		.093" MIN. STL	3.5 X 93.44 MAX
6	NOTE 3.	HINGE REINFORCEMENT DOOR		.167" MIN. STL.	1.23" X 9.19" MIN.
7	NOTE 3.	HINGE REINFORCEMENT FRAME		.167" MIN. STL.	1.50" X 9.19" MIN.
8	NOTE 3.	4.5" X 4.5" BUTT HINGES (SEE SHT.4)		.134 MIN.	(8) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT.4)		.067" MIN. STL/.11 ALUM	MAX. 95"
9	2	CORE MATERIAL (SHT 5):	D) HONEYCOMB C) STEEL STIFFENED A/F) POLYSTYRENE B/F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE		
10	1	LOCKING HARDWARE- FALCON MA SERIES MORTISE LOCK W/SECTIONAL OR ESCUTCHEON TRIM			
11	1	THRESHOLD SILL W/BUMPER GASKET (SEE SHT.12 & 13)		ALUM. 6063 T5	96"MAX.
		1) ZERO 11A-T1)566A, 11B-T3)65A, 11C)568			
		2) NAT'L GUARD T2)950A, T4)803V		ALUM. 6063 T5	
12	NOTE 2.	JAMB ANCHOR		SEE SHEETS 6-11	
13	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	Z ASTRAGAL		.067" MIN. STL.	MAX. 95.75"
17	AS NEEDED	BUTYL RUBBER, SILICONE OR LATEX W/ SILICONE			
18	2	DOOR SLAB (16 OR 14 GA)		SEE SHEET 14	48" X 96" 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. 24'
20	2	BY ZERO INT'L DOOR SWEEP No.539			
		BY NGP DOOR SWEEP No.202N		TPE	MAX. 96"
21	2	BY ZERO INT'L DOOR SWEEP A)139, B) 328, C)39			
		BY NGP DOOR SWEEP No.200N		SEE SHEETS 12 & 13	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 DOOR SEAL No.188S		SILICONE	MAX. 24'
23A	1	BY ZERO INT'L RAIN DRIP 142		ALUMINUM	MAX. 100"
23B	1	BY ZERO INT'L RAIN DRIP 11		ALUMINUM	MAX. 48"
24	1	TOP CAP GALV. A60		.020" MIN. STL.	0.5" X 1.76" X 48" MAX.
25	2	IVES SB360 12" SURFACE BOLT			
26	1	SURFACE BOLT REINFORCEMENT		.067" MIN. STL.	8" MIN. 18" MAX.
27	2	VIEWER IVES U698/698			

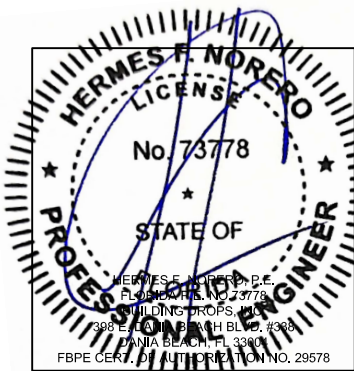
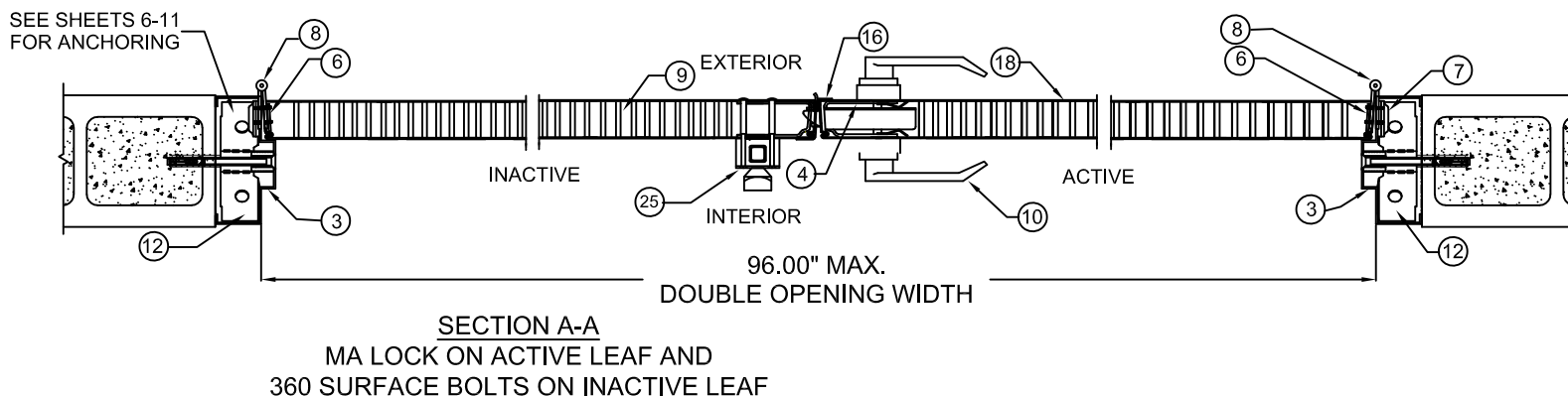
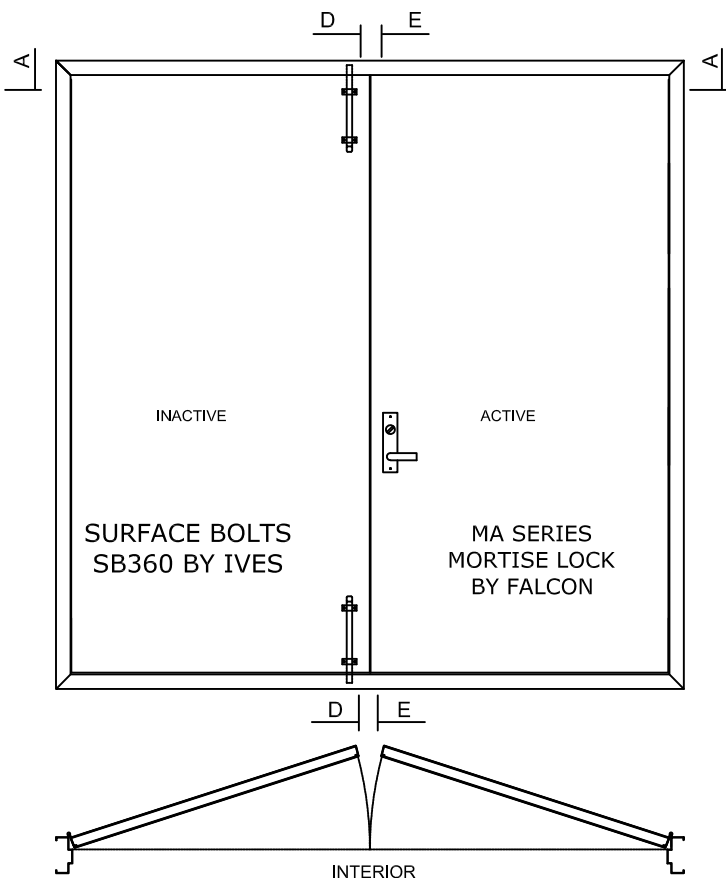


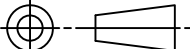
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11818 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL				
DRAWN JPD	DATE 08/21/13	STEELCRAFT DOORS UP TO 8'0"X8'0" DOUBLE OPENING OUTSWING THREE AND FOUR SIDED FRAMES TESTED TO TAS 201, 202, 203 HVHZ & ASTM E1886, E1996				
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. FMA-DF		REV E
ENG. APPVL X	08/21/13	SCALE:	NTS	AUTOCAD	FL16740	SHEET 2 OF 16

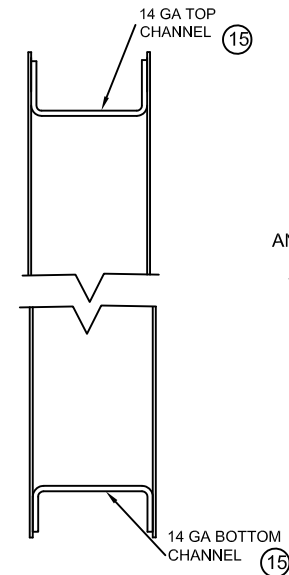
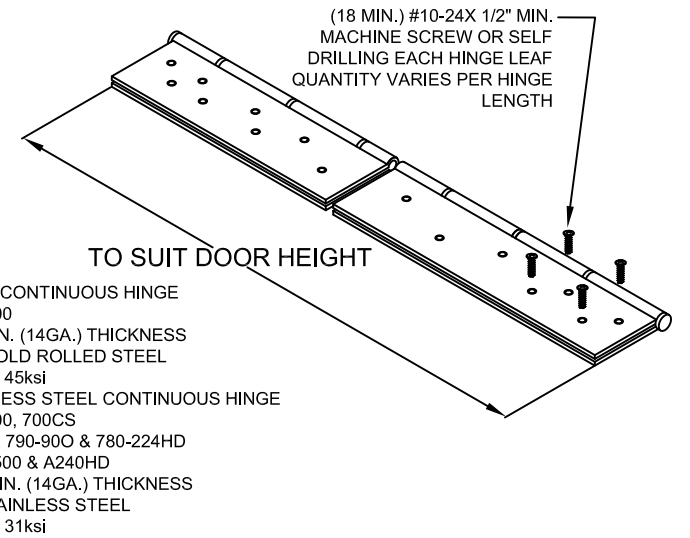
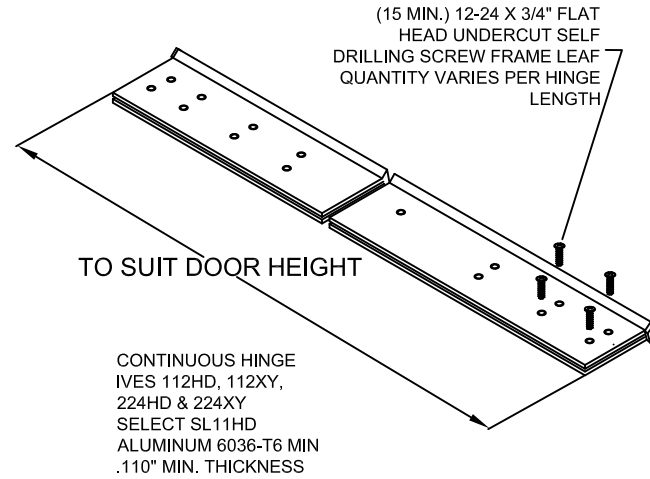
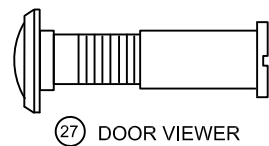
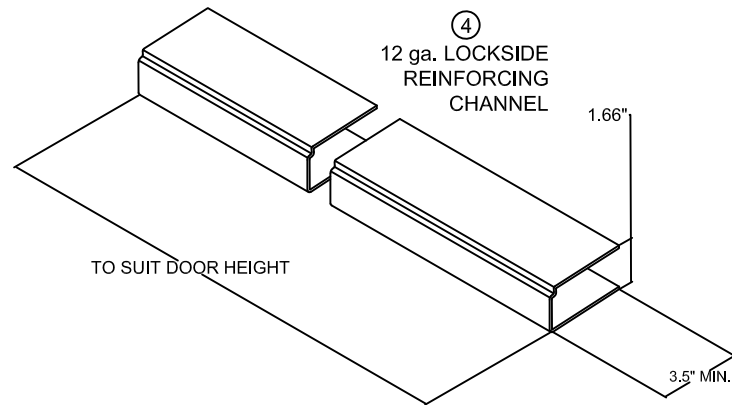
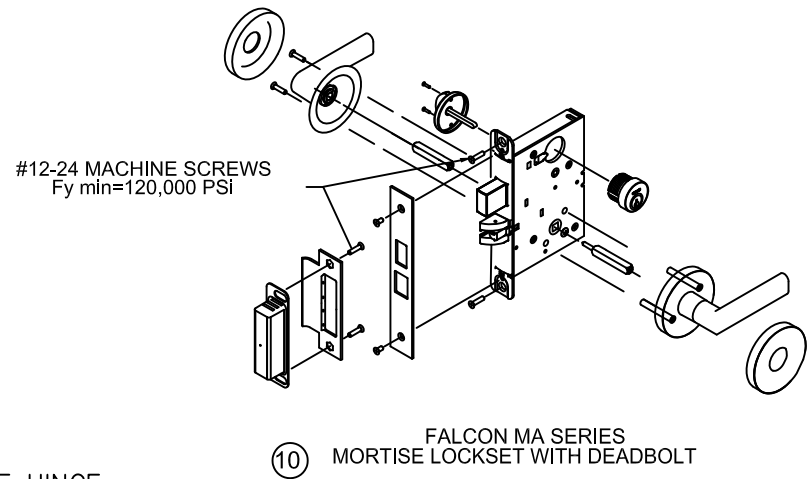
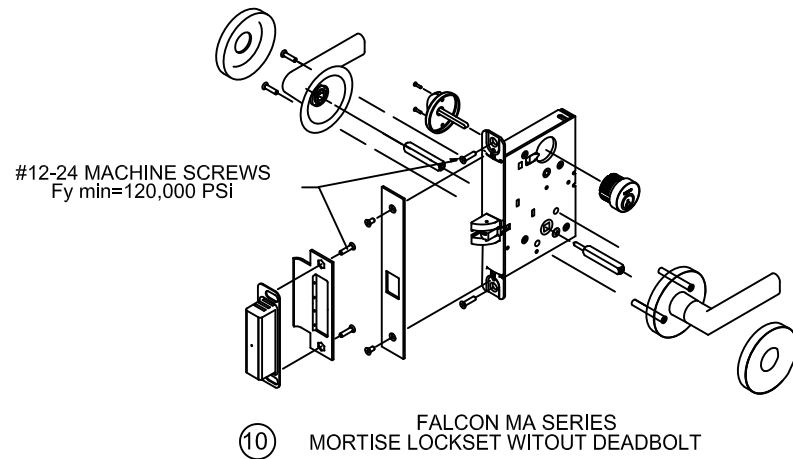
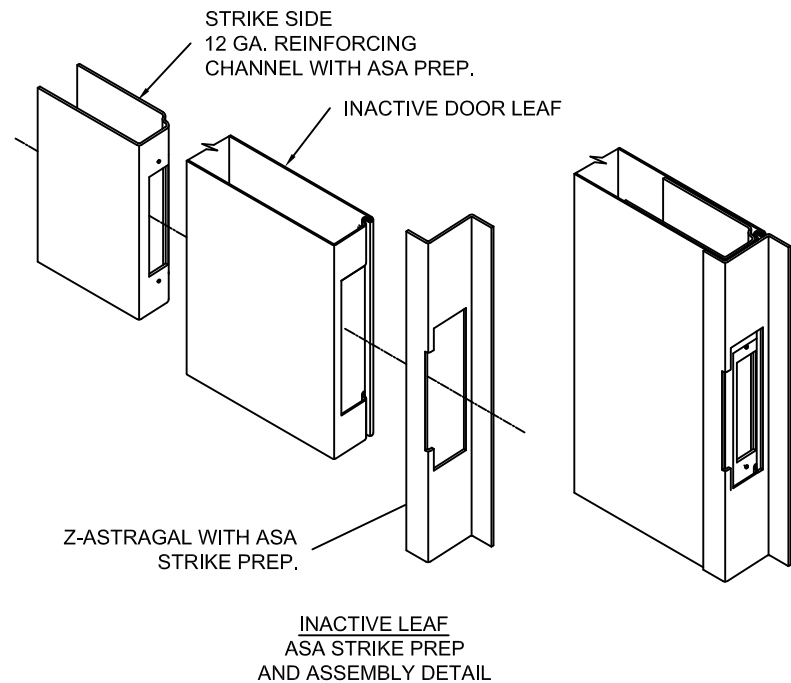
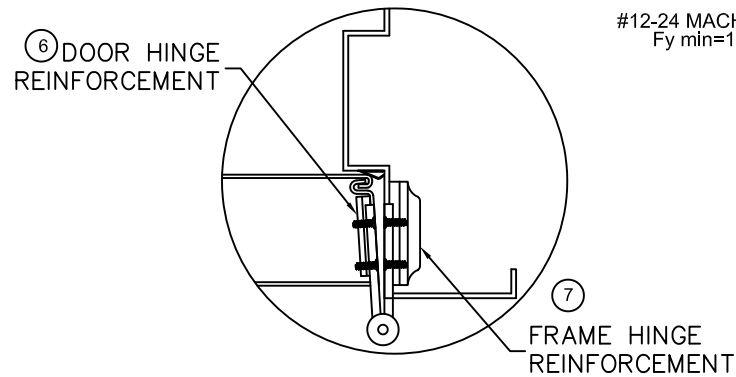
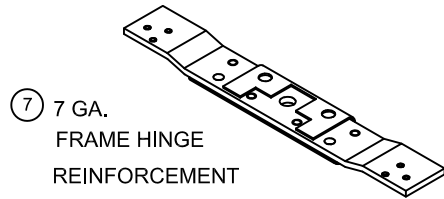
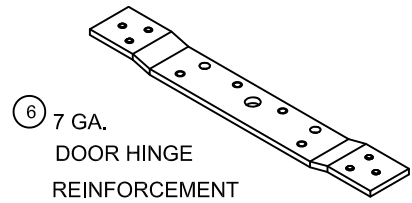
DOUBLE DOORS WITH THREE-SIDED FRAME



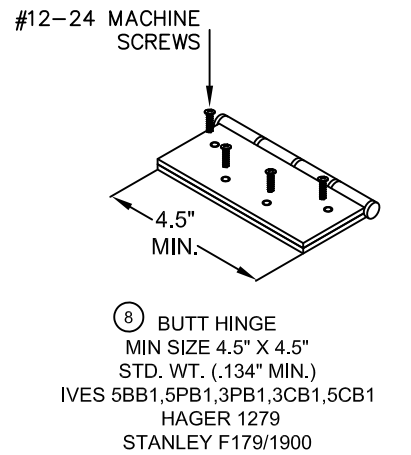
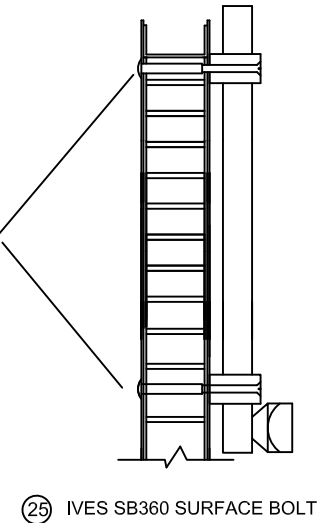
DOUBLE DOORS WITH FOUR-SIDED FRAME



BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032						
								
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL						
DRAWN	DATE	COMMERCIAL STEEL DOORS UP TO 8'0"X8'0" DOUBLE OPENING OUTSWING THREE AND FOUR SIDED FRAMES TESTED TO TAS 201, 202, 203 HVHZ & ASTM E1886, E1996						
JPD	08/21/13							
CHECKED								
APPROVED		SIZE	FLAT	DWG NO.		FMA-DF		REV
								E
ENG. APPVL		SCALE:		NTS	AUTOCAD	FL16740	SHEET	3 OF 16
X	08/21/13							

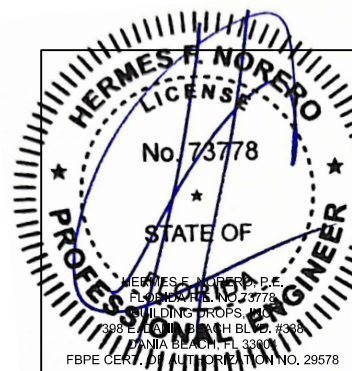


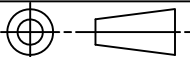
(4) X SEX BOLTS TOP AND BOTTOM SURFACE BOLT THRU BOLTED WITH #12-24 MACHINE SCREWS

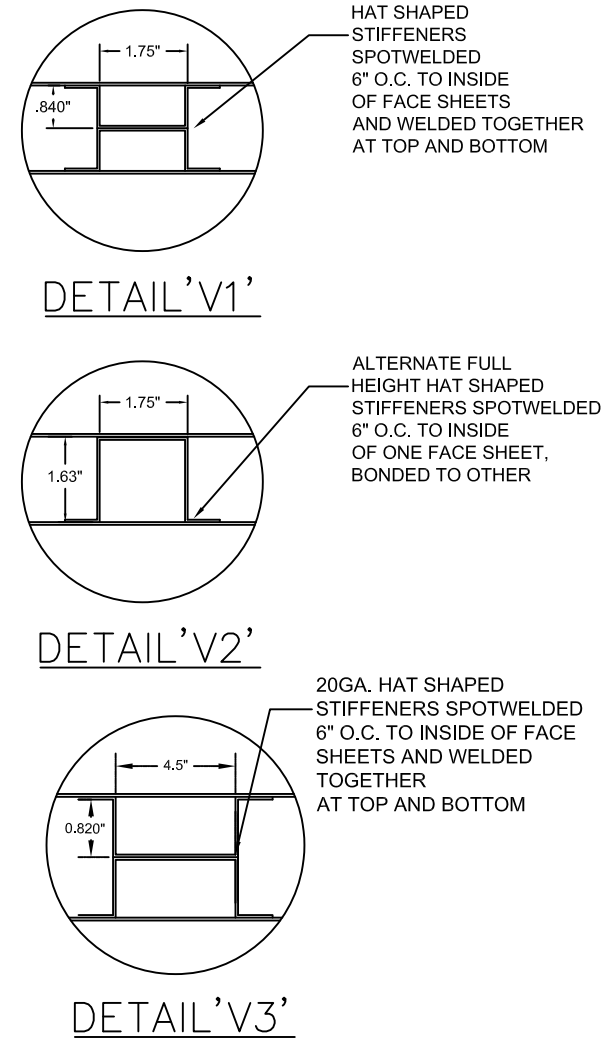
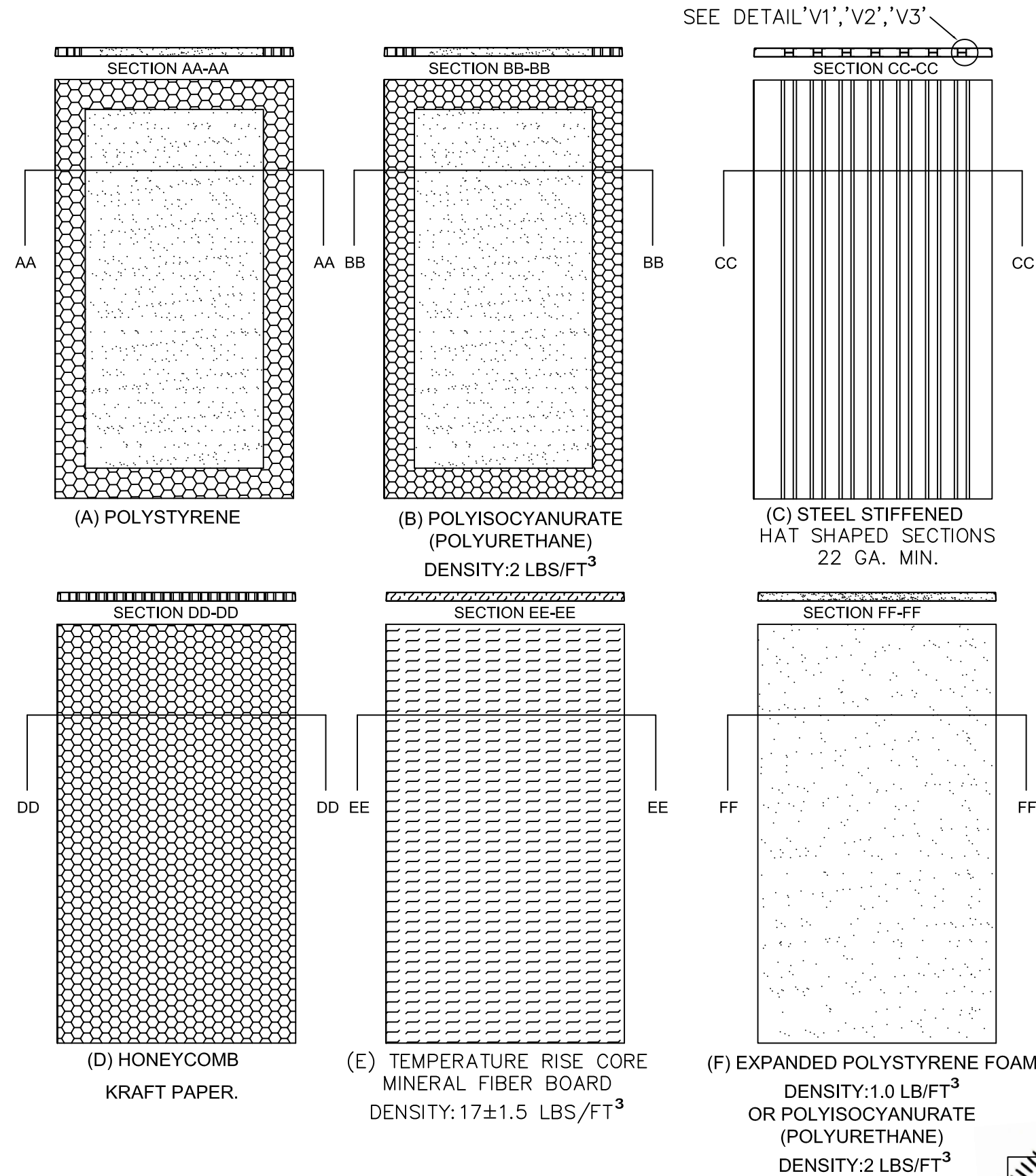


NOTES:

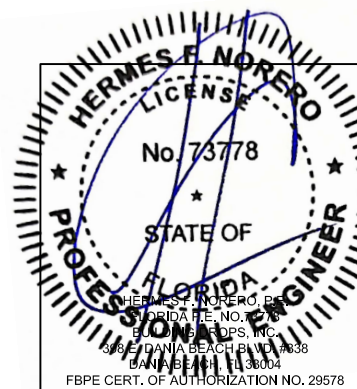
1. SEE SHTS. 1, 3, 14 & 16 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHTS. 6-11 FOR ANCHORING INFORMATION
3. SEE SHT. 13 FOR FRAME PROFILE
4. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
5. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED WITH CONCRETE

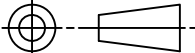


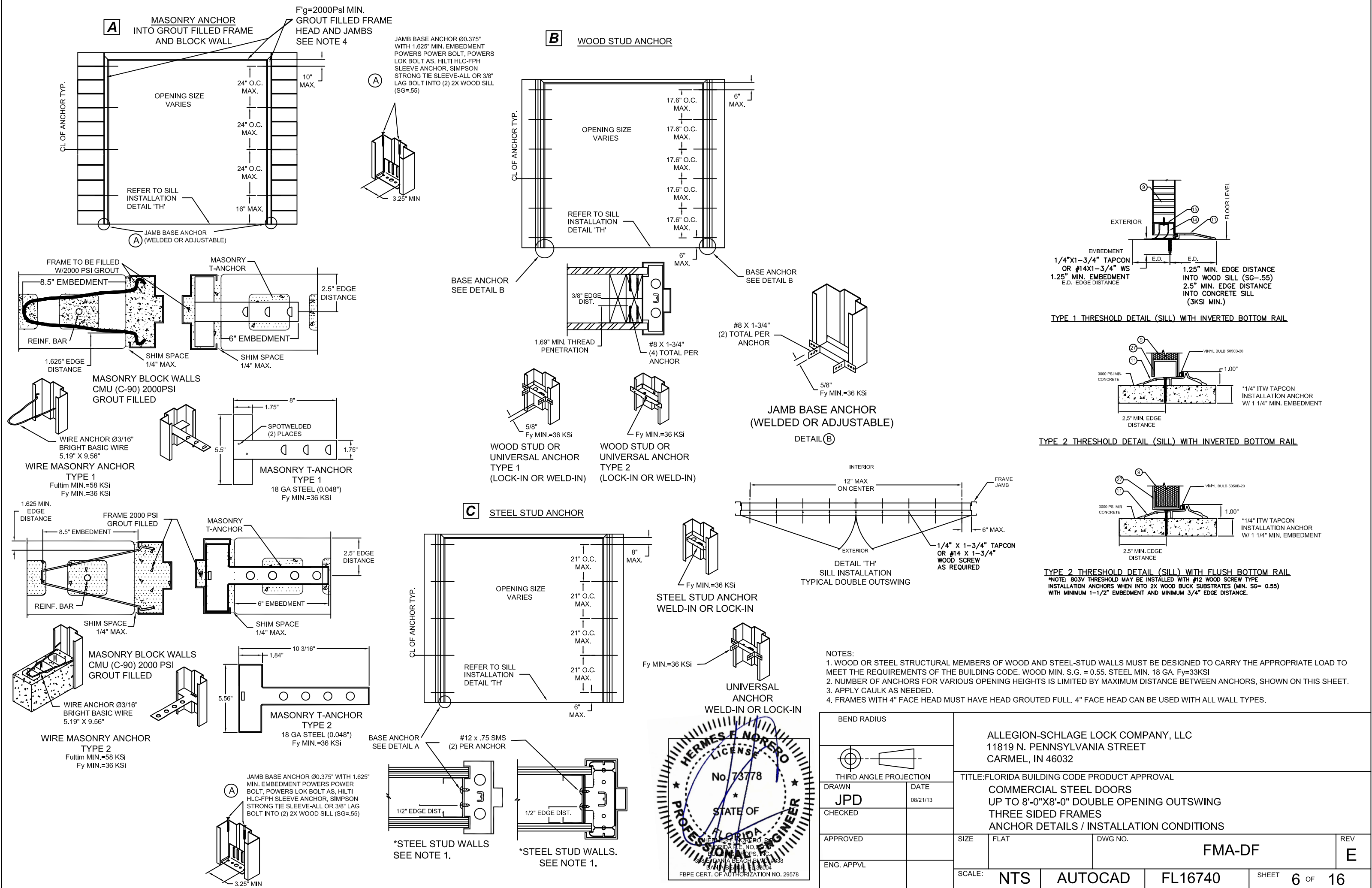
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL				
DRAWN	DATE	COMMERCIAL STEEL DOORS UP TO 8'0"X8'0" DOUBLE OPENING OUTSWING THREE AND FOUR SIDED FRAMES TESTED TO TAS 201, 202, 203 HVHZ & ASTM E1886, E1996				
JPD	08/21/13					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO.	FMA-DF	REV E
ENG. APPVL		SCALE:		NTS	AUTOCAD	FL16740
X	08/21/13				SHEET	4 OF 16



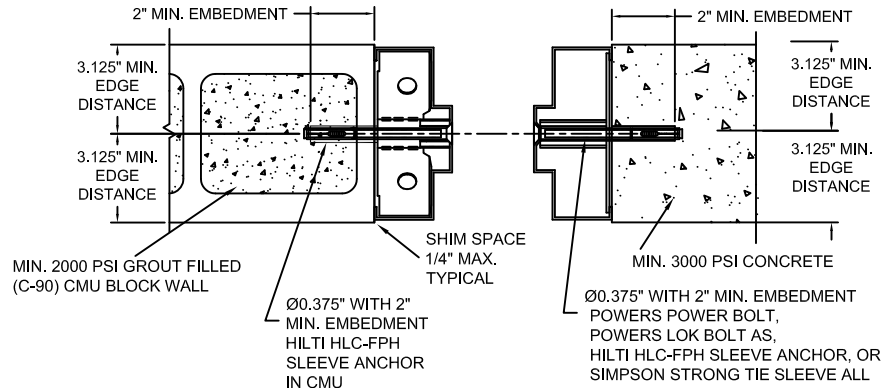
NOTES:
1. CORE MATERIAL SHOWN WITHOUT DOOR CUTOUTS AND REINFORCEMENTS.



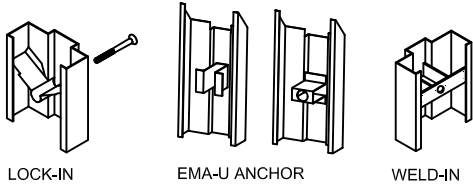
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032								
 THIRD ANGLE PROJECTION										
DRAWN		DATE		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL COMMERCIAL STEEL DOORS UP TO 8'0"X8'0" DOUBLE OPENING OUTSWING DOOR CORE OPTIONS						
JPD		08/21/13								
CHECKED										
APPROVED				SIZE	FLAT	DWG NO.		FMA-DF		REV
										E
ENG. APPVL		08/21/13		SCALE:	NTS	AUTOCAD	FL16740	SHEET	5 OF	16
X										



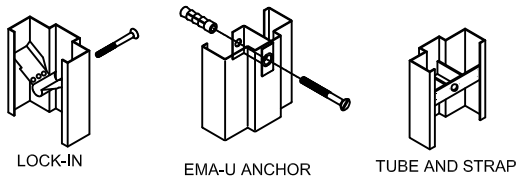
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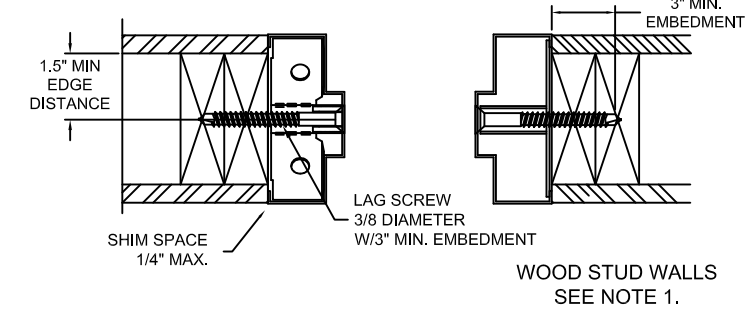
TYPE 1 EMA ANCHORS



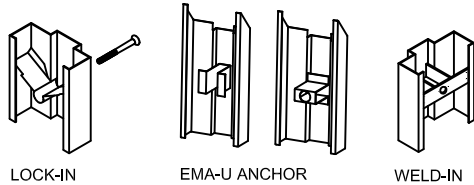
TYPE 2 EMA ANCHORS



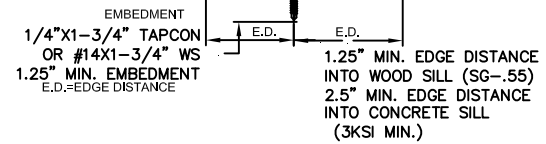
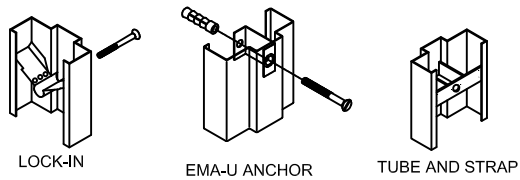
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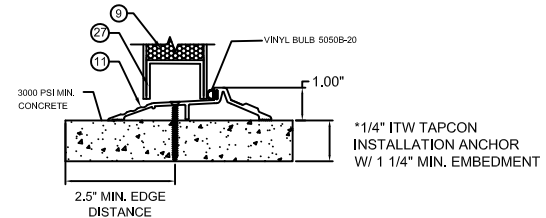
TYPE 1 EMA ANCHORS



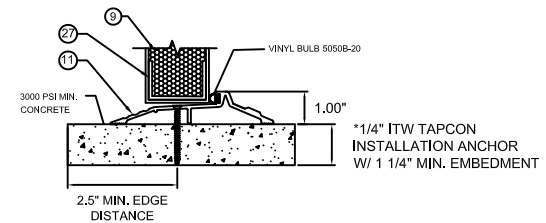
TYPE 2 EMA ANCHORS



TYPE 1 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL

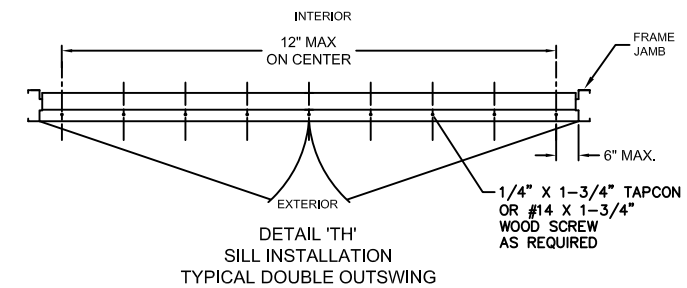


TYPE 2 THRESHOLD DETAIL (SILL) WITH INVERTED BOTTOM RAIL



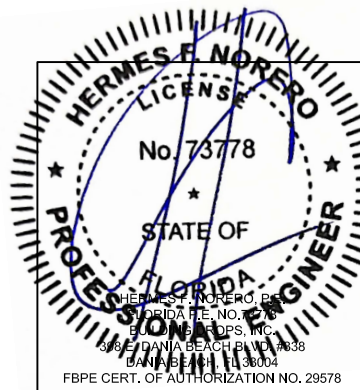
TYPE 2 THRESHOLD DETAIL (SILL) WITH FLUSH BOTTOM RAIL

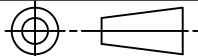
*NOTE: 803V THRESHOLD MAY BE INSTALLED WITH #12 WOOD SCREW TYPE INSTALLATION ANCHORS WHEN INTO 2X WOOD BUCK SUBSTRATES (MIN. SG= 0.55) WITH MINIMUM 1-1/2" EMBEDMENT AND MINIMUM 3/4" EDGE DISTANCE.

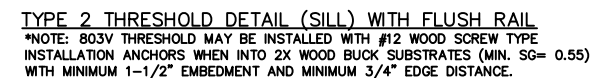
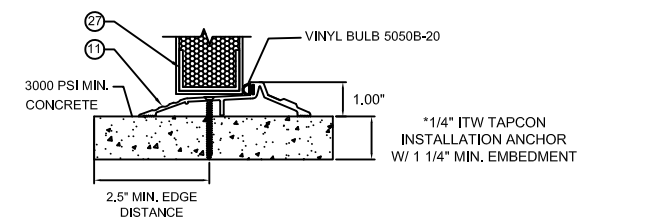
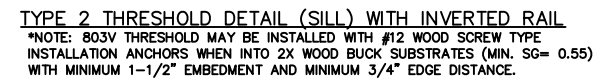
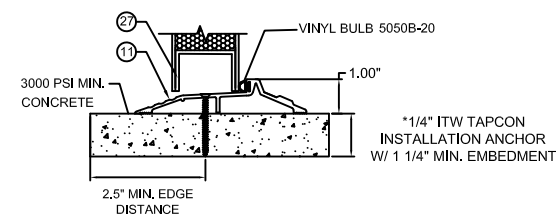
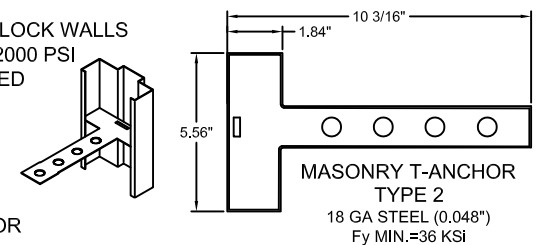
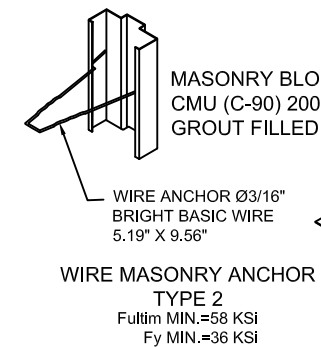
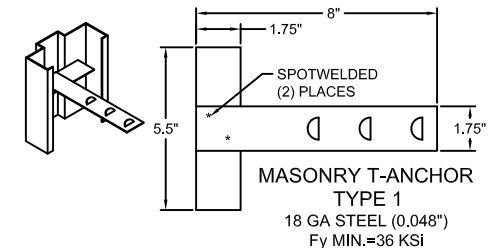
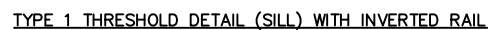
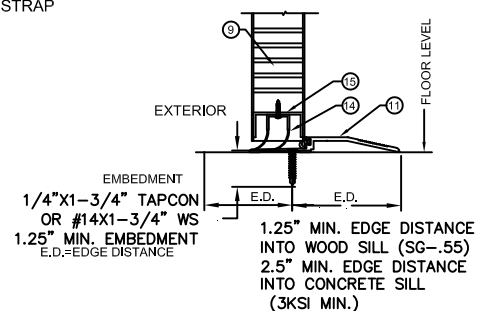
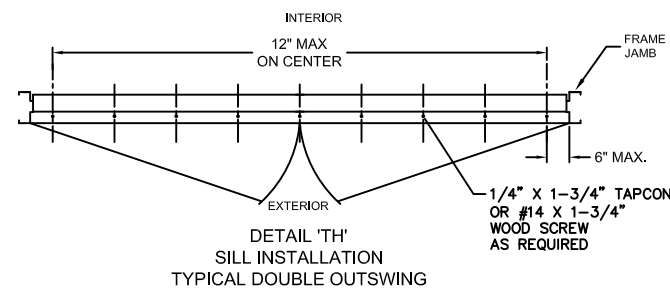
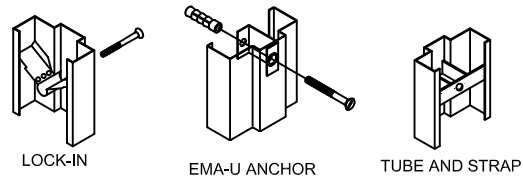


NOTES:

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. $F_y=33\text{KSI}$
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.



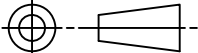
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THIRD ANGLE PROJECTION		TITLE:FLORIDA BUILDING CODE PRODUCT APPROVAL					
DRAWN	DATE	COMMERCIAL STEEL DOORS UP TO 8'-0"X8'-0" DOUBLE OPENING OUTSWING THREE SIDED FRAMES ANCHOR DETAILS / INSTALLATION CONDITIONS					
JPD	08/21/13						
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.		FMA-DF	REV
ENG. APPVL							E
SCALE:		NTS	AUTOCAD	FL16740	SHEET	7 OF	16

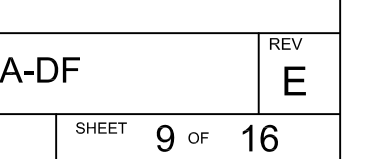
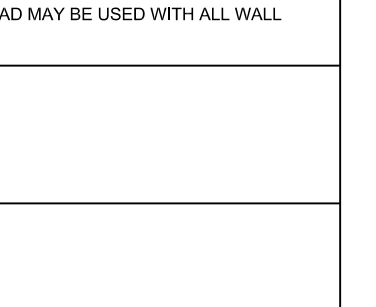
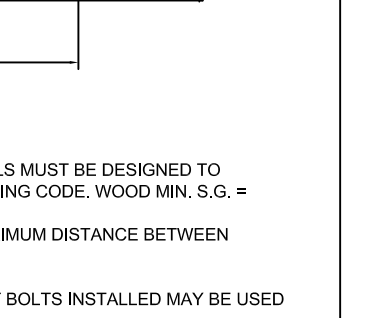
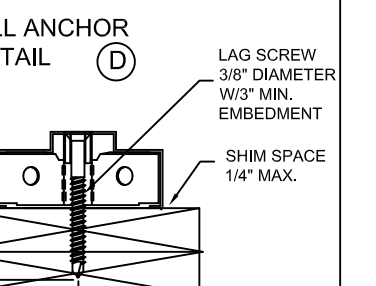
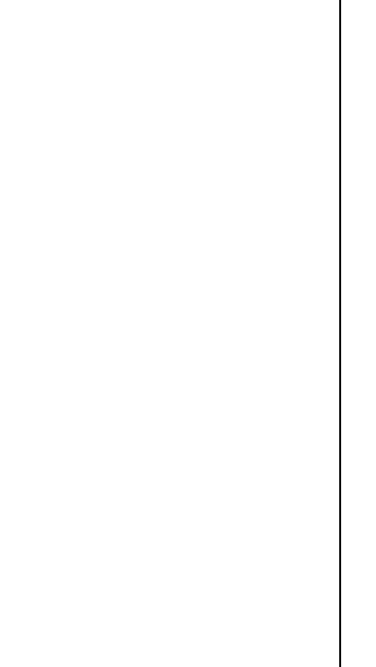
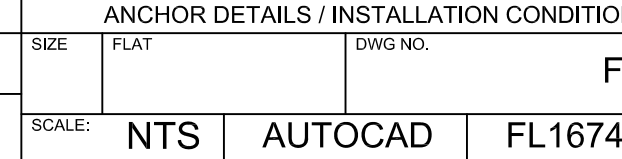
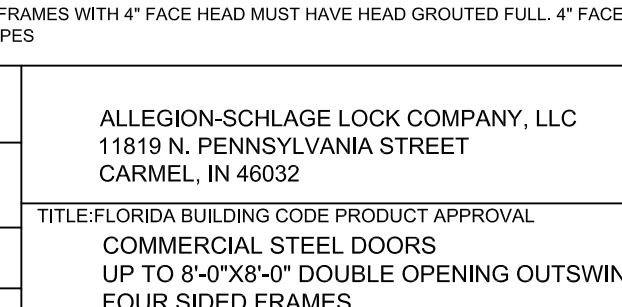
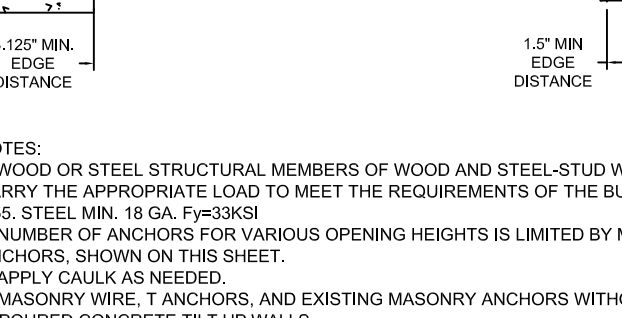
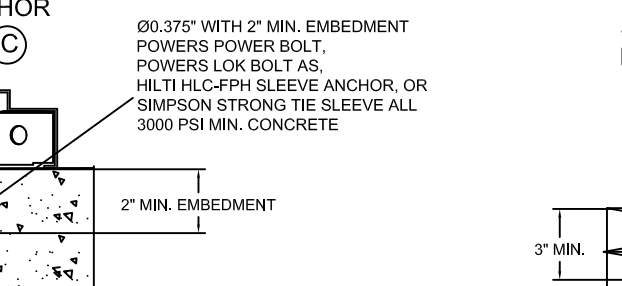
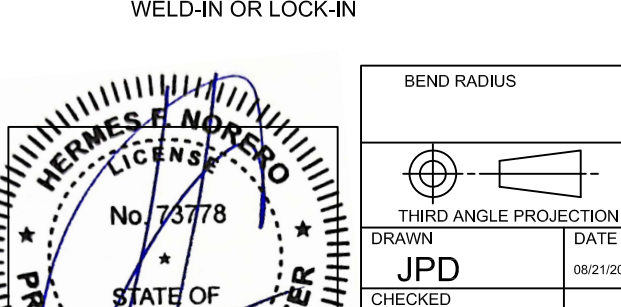
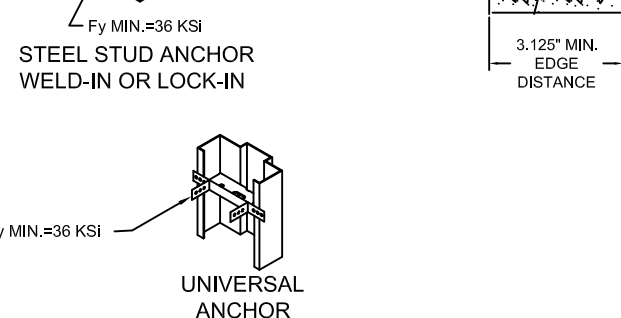
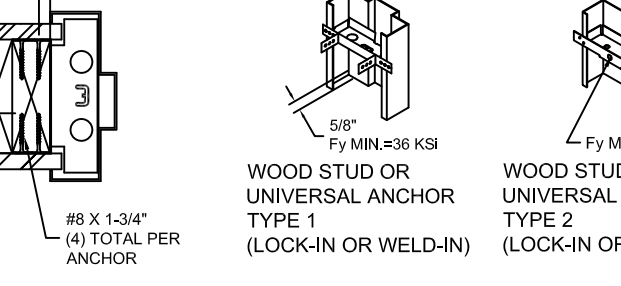
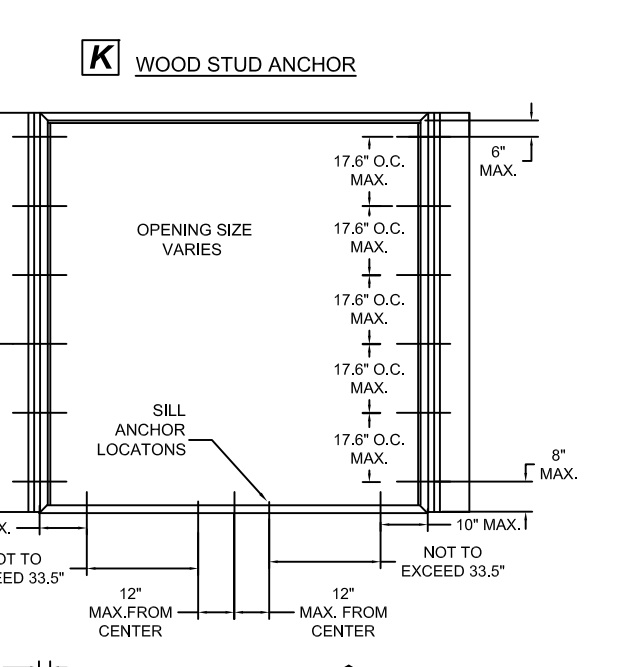
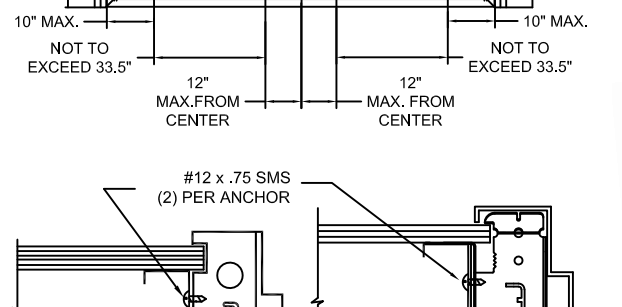
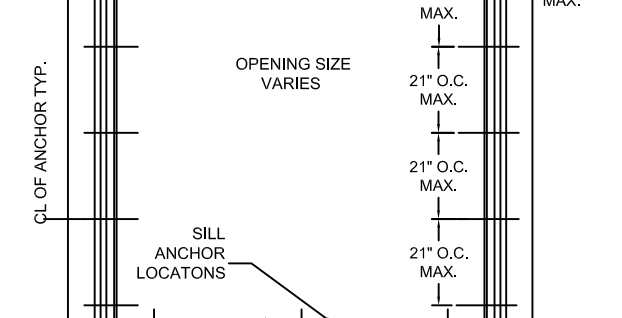
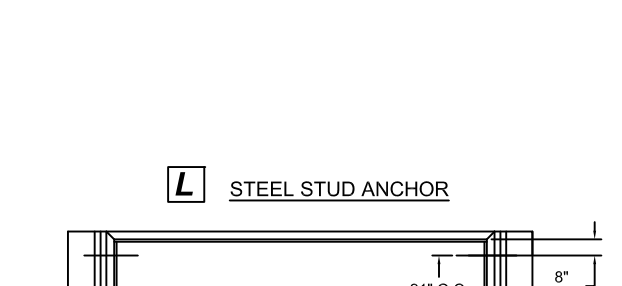
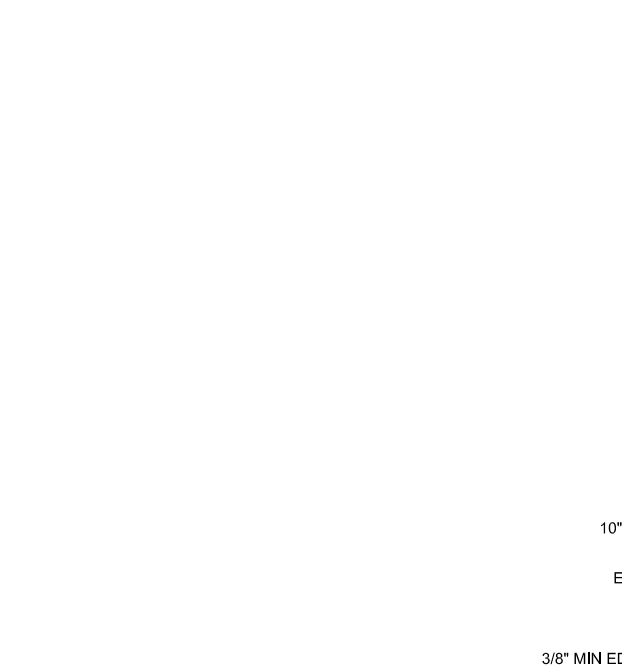
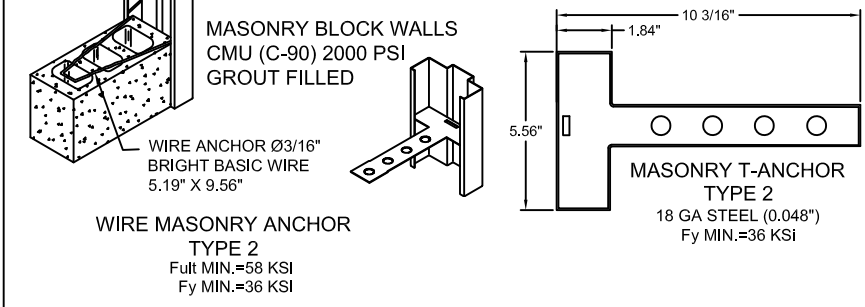
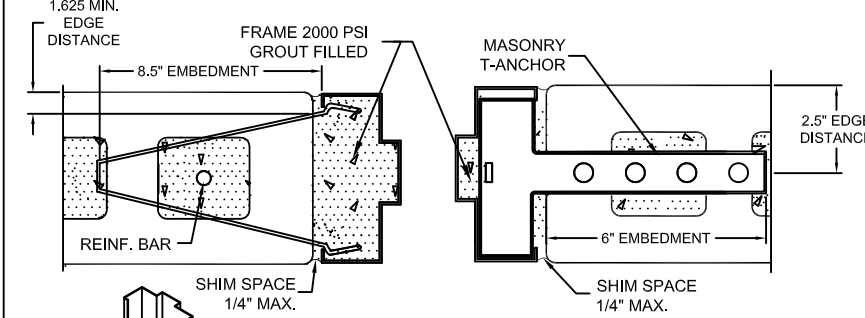
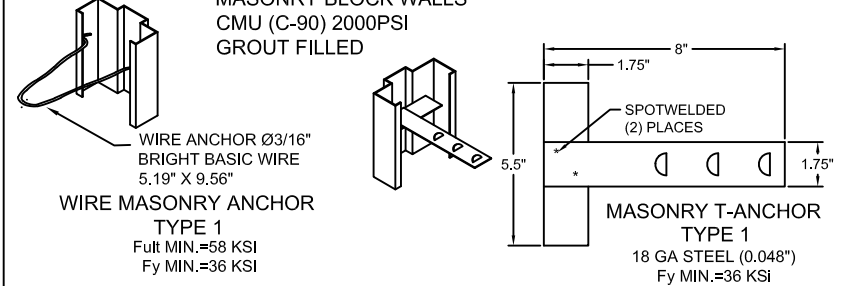
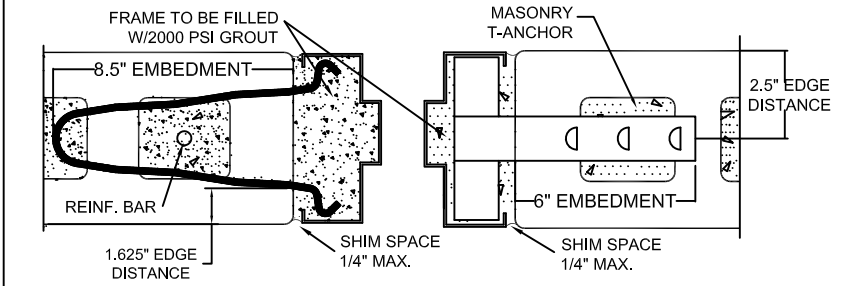
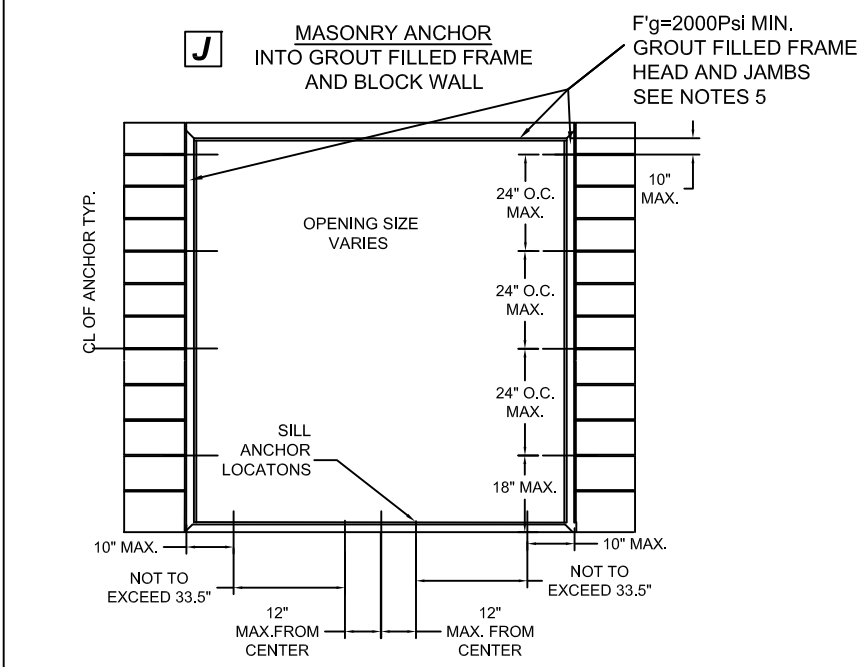


HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

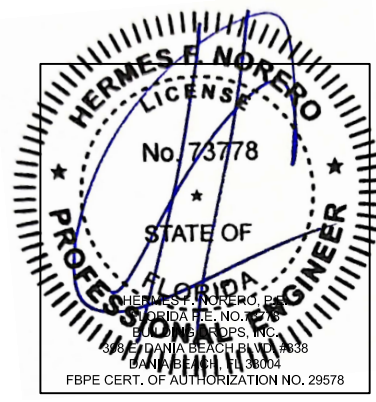
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BOX 1000, ORLANDO, FL 32802
308 E. DANIA BEACH BLVD. #638
DANIA BEACH, FL 33004

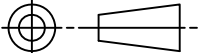
FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
					
THIRD ANGLE PROJECTION		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL			
DRAWN JPD		COMMERCIAL STEEL DOORS			
DATE 08/21/13		UP TO 8'-0"X8'-0" DOUBLE OPENING OUTSWING			
CHECKED		THREE SIDED FRAMES			
		ANCHOR DETAILS / INSTALLATION CONDITIONS			
APPROVED		SIZE	FLAT	DWG NO.	REV
				FMA-DF	E
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHEET 8 OF 16
				FL16740	

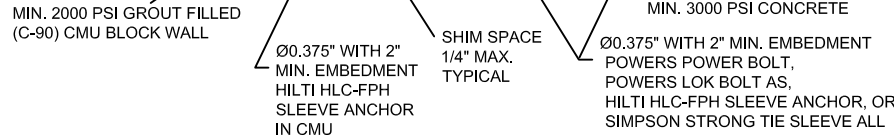


- NOTES:
1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD TO MEET THE REQUIREMENTS OF THE BUILDING CODE. WOOD MIN. S.G. = 0.55. STEEL MIN. 18 GA. F_y=33KSI
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 3. APPLY CAULK AS NEEDED.
 4. MASONRY WIRE, T ANCHORS, AND EXISTING MASONRY ANCHORS WITHOUT BOLTS INSTALLED MAY BE USED IN POURED CONCRETE TILT UP WALLS.
 5. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES

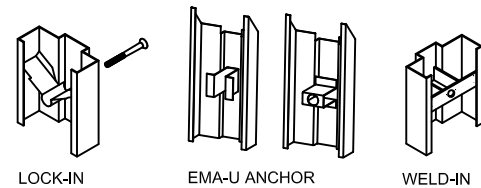


BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE:FLORIDA BUILDING CODE PRODUCT APPROVAL				
DRAWN	DATE	COMMERCIAL STEEL DOORS UP TO 8'-0"X8'-0" DOUBLE OPENING OUTSWING FOUR SIDED FRAMES ANCHOR DETAILS / INSTALLATION CONDITIONS				
JPD	08/21/2013					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO.	FMA-DF	REV E
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL16740	SHEET 9 OF 16

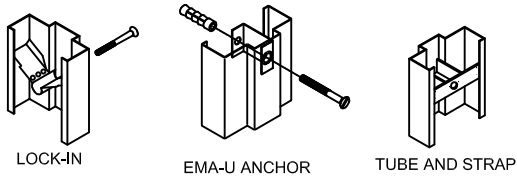
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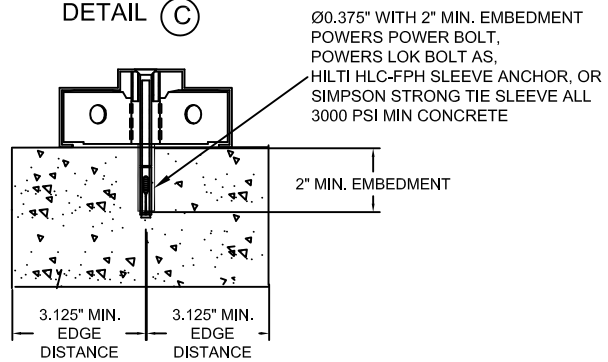
TYPE 1 EMA ANCHORS



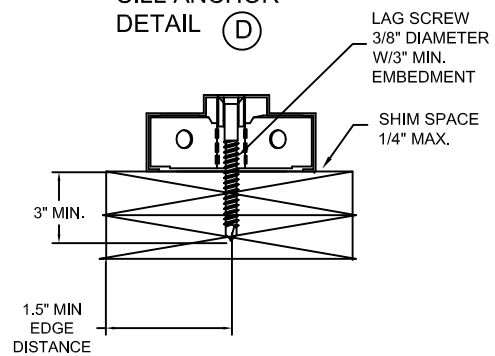
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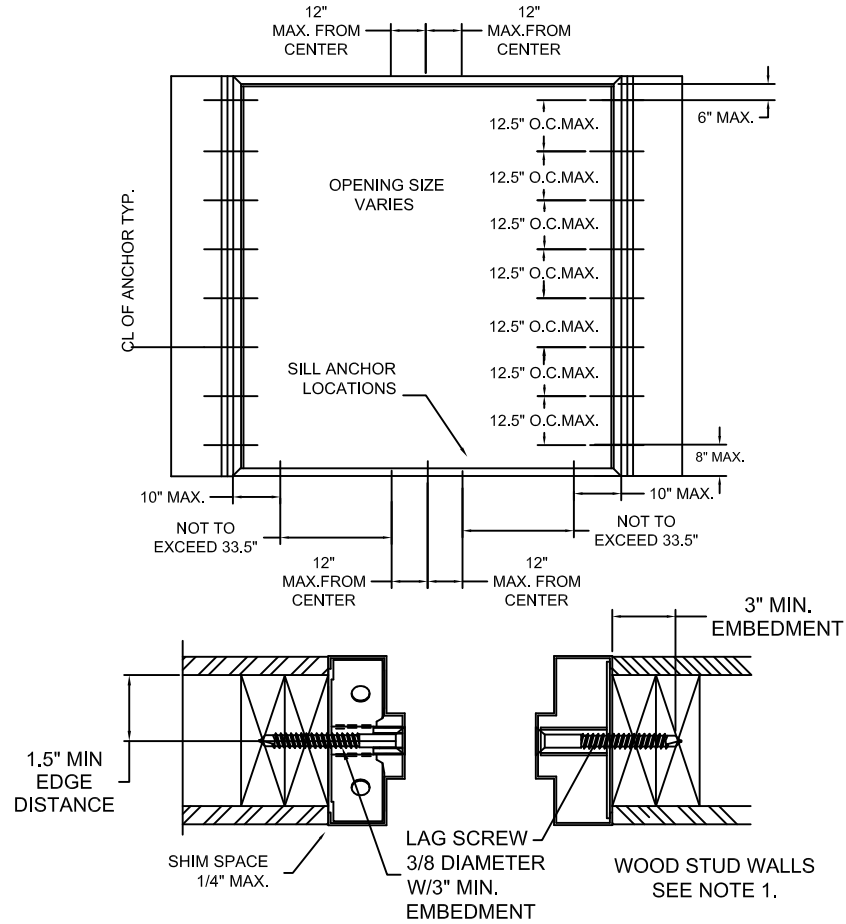
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DETAIL (C)



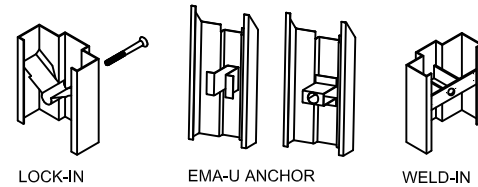
SILL ANCHOR
DETAIL (D)



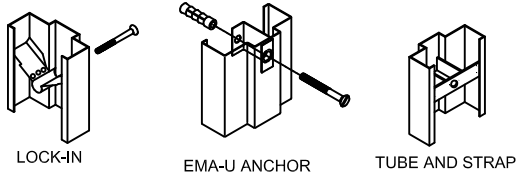
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TYPE 1 EMA ANCHORS



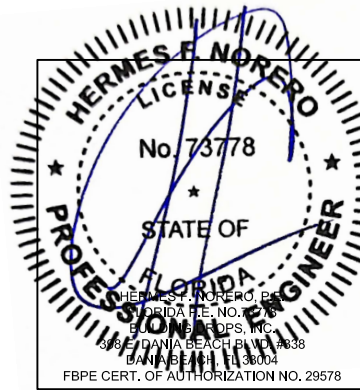
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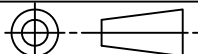


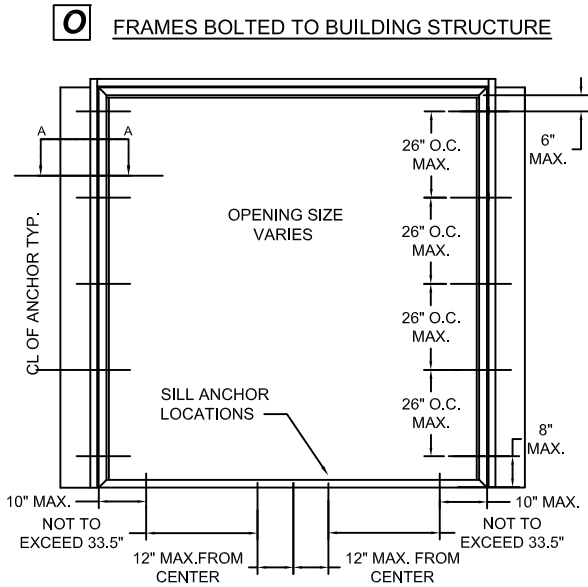
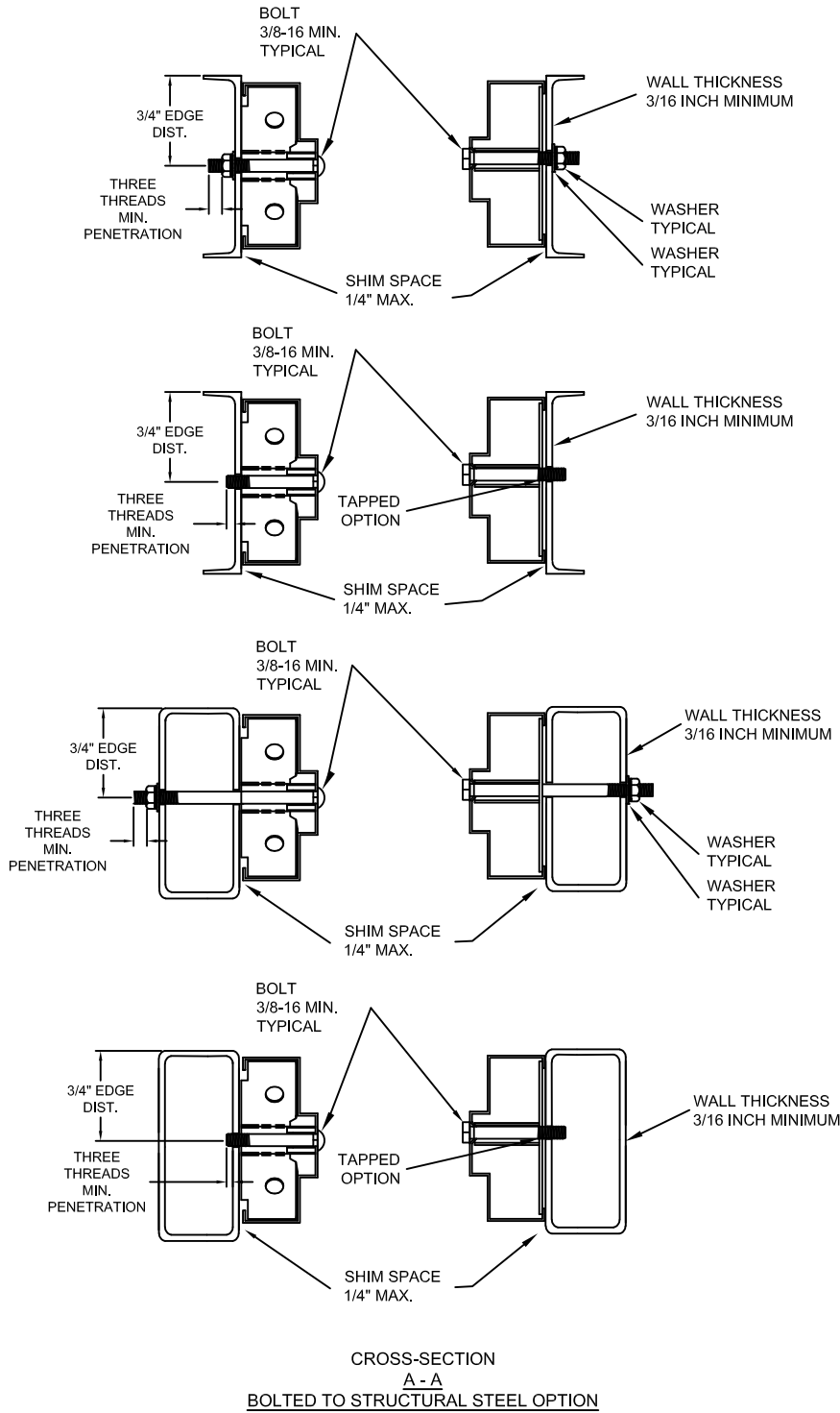
HEAD ANCHOR
DETAIL (H1)

HEAD ANCHOR
DETAIL (H2)

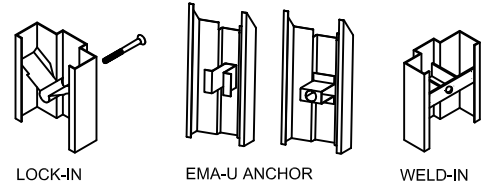
- NOTES:
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 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
 3. APPLY CAULK AS NEEDED.
 4. FRAMES WITH FRAME HEAD GROUTED FULL DO NOT REQUIRE ANCHORS TO BE INSTALLED IN THE HEAD
 5. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES
 6. HEAD ANCHORS TO SUIT SUBSTRATE, TYPE MAY VARY FROM JAMB ANCHOR



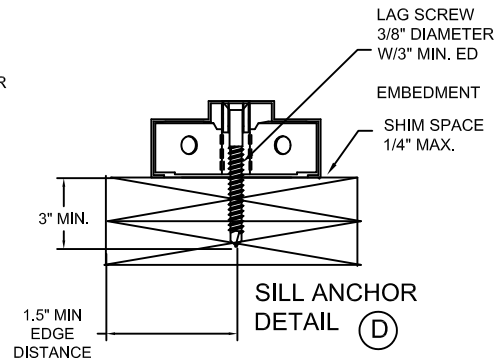
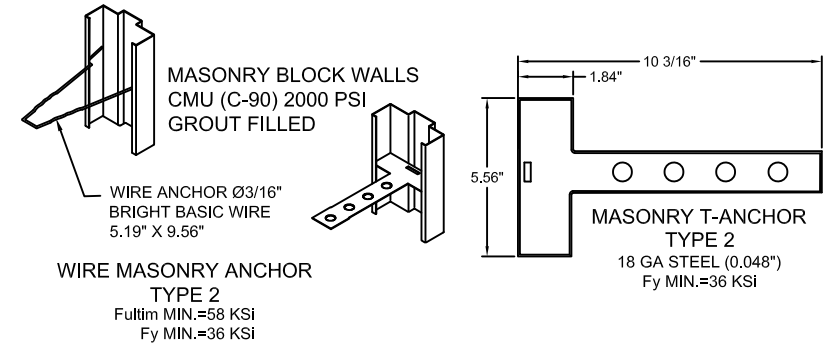
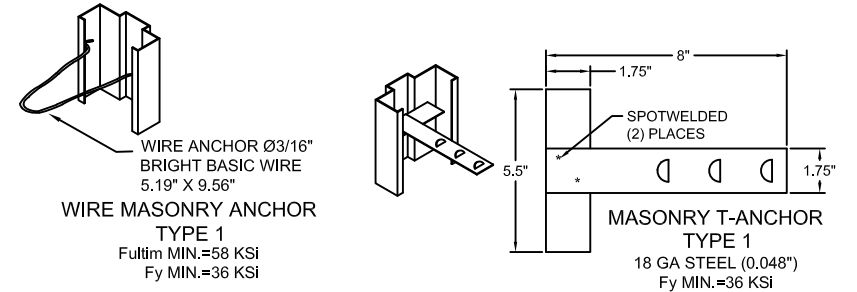
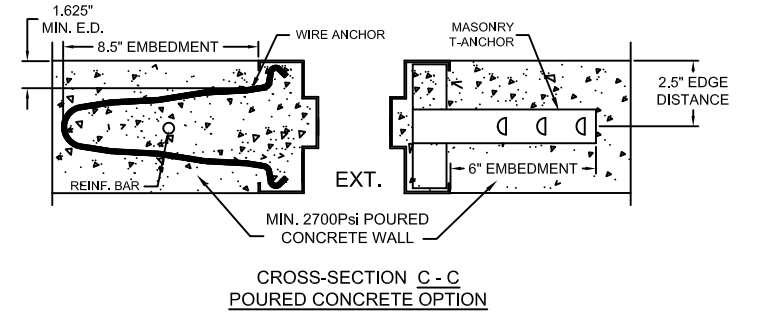
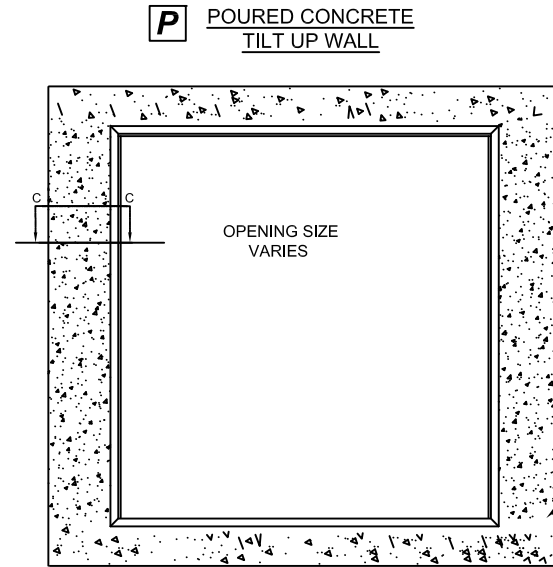
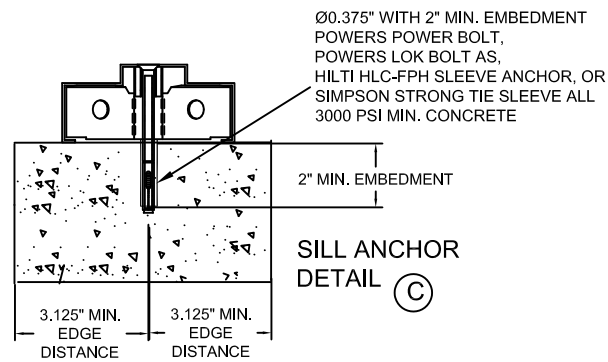
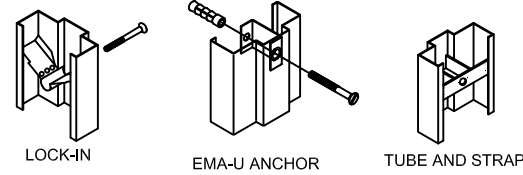
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL COMMERCIAL STEEL DOORS UP TO 8'-0"X8'-0" DOUBLE OPENING OUTSWING FOUR SIDED FRAMES ANCHOR DETAILS / INSTALLATION CONDITIONS				
DRAWN JPD	DATE 08/21/2013					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. FMA-DF		REV E
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL16740	SHEET 10 OF 16



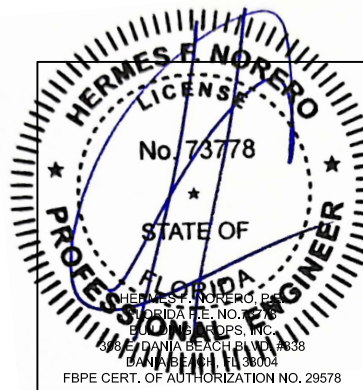
TYPE 1 EMA ANCHORS

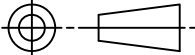


TYPE 2 EMA ANCHORS



- NOTES:
- 1.STRUCTURAL MEMBERS 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.BOTH JAMBS MUST HAVE EQUAL NUMBER OF ANCHORS.
 - 4.HEAD ANCHORS TO SUIT SUBSTRATE, TYPE MAY VARY FROM JAMB ANCHOR
 5. APPLY CAULK AS NEEDED.
 6. FRAMES WITH 4" FACE HEAD MUST HAVE HEAD GROUTED FULL. 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES.



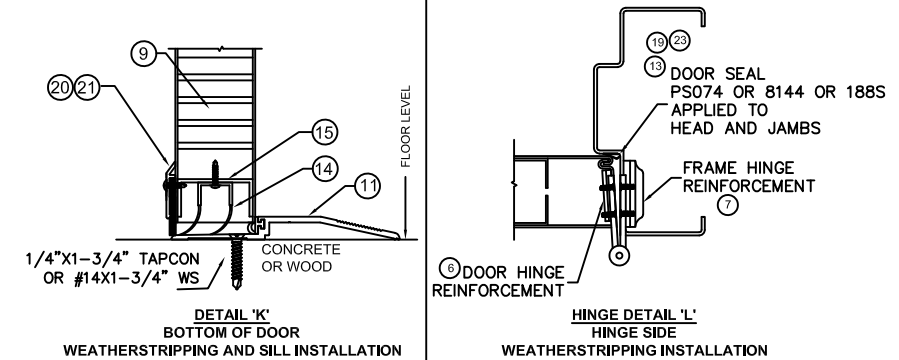
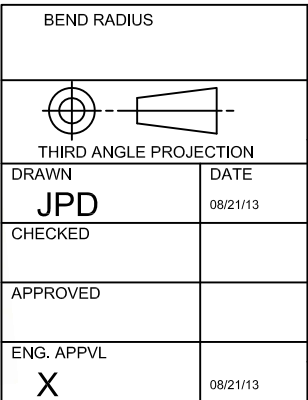
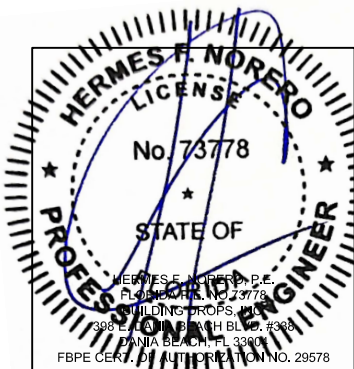
BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032							
									
THIRD ANGLE PROJECTION		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL							
DRAWN		DATE		COMMERCIAL STEEL DOORS UP TO 8'-0"X8'-0" DOUBLE OPENING OUTSWING FOUR SIDED FRAMES ANCHOR DETAILS / INSTALLATION CONDITIONS					
JPD		08/21/2013							
CHECKED									
APPROVED				SIZE	FLAT	DWG NO.	FMA-DF		REV
ENG. APPVL							E		
		SCALE:		NTS	AUTOCAD	FL16740	SHEET	11 OF	16

MINIMUM PERIMETER SEAL OPTIONS				
ITEM NUMBER SHT 3. TABLE 2	DESCRIPTION	MODEL No./ MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
11	THRESHOLD	566/ZERO INT'L	'T1'	'K'
		950/NGP	'T2'	
		65A ZERO INT'L	'T3'	
		803V NGP	'T4'	
14	FAS-SEAL SWEEP	REPUBLIC	'S'	'K'
19, 13 OR 23	SELF ADHESIVE DOOR SEAL	8144S, 8144FS/ZERO INT'L	'U'	'J', 'L', 'M' & 'N'
		PS074/REPUBLIC	'Q'	
		188S / ZERO INT'L	'R'	

OPTIONAL PERIMETER SEALS				
ITEM NUMBER SHT. 3 TABLE 2	DESCRIPTION	MODEL No. MANUFACTURER	PART DETAIL	INSTALLATION DETAIL
20 OR 21	DOOR SWEEP	539/ZERO INT'L	'W1'	'K'
		202N/NGP	'W2'	
		139/ZERO INT'L	'X1'	
		200N/NGP	'X2'	
20	DOOR SWEEP APPLIED TO JAMBS	539/ZERO INT'L	'W1'	'N'
		202N/NGP	'W2'	
22	ADJUSTABLE STOP	475/ZERO INT'L	'Y1'	'M'
		170N/NGP	'Y2'	

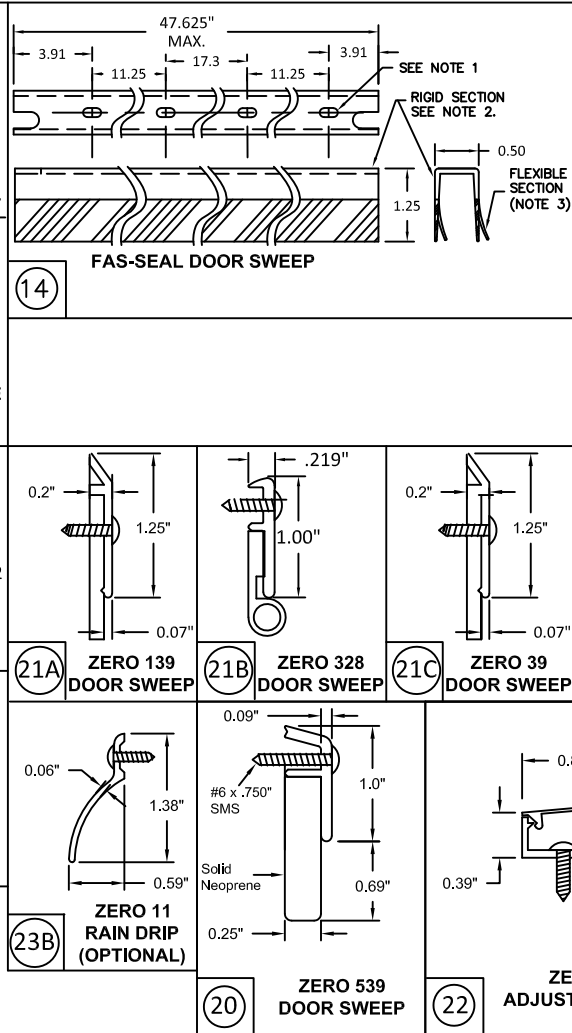
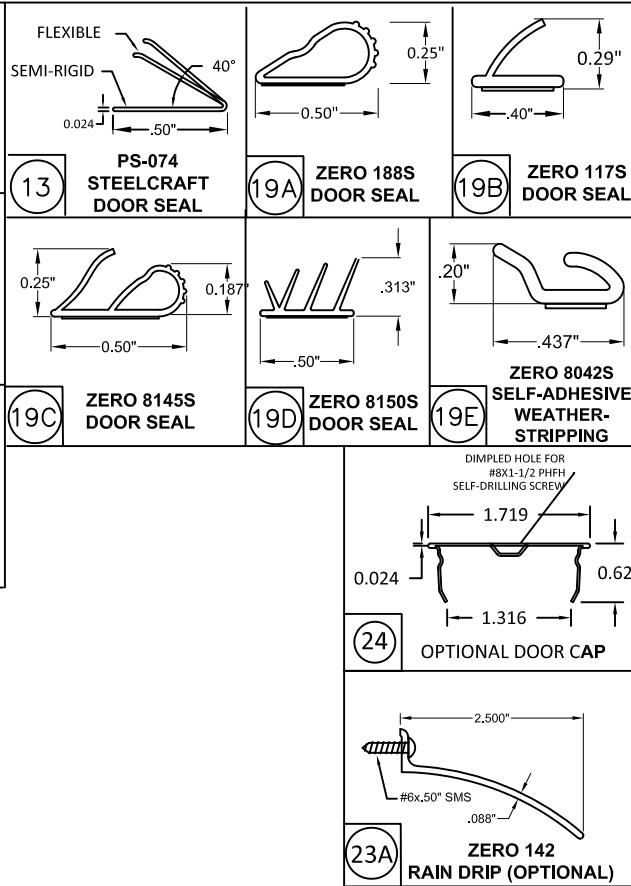
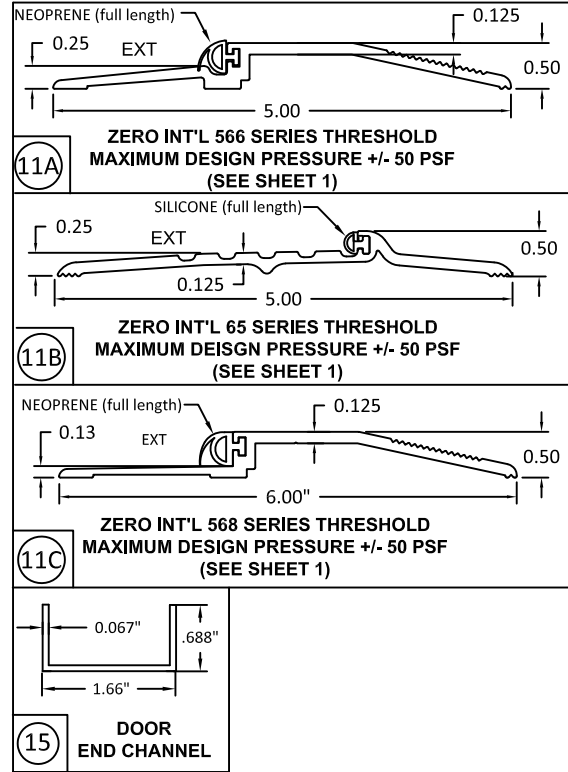
DETAIL 'T1' ZERO INT'L 566 SERIES THRESHOLD	DETAIL 'T2' NATIONAL GUARD 950 SERIES THRESHOLD	DETAIL 'Q' PS-074 SELF-ADHESIVE WEATHERSTRIPPING	ZERO DETAIL 'R' 188S DOOR SEAL SELF ADHESIVE
DETAIL 'T3' ZERO INT'L 65A SERIES THRESHOLD	DETAIL 'T4' NATIONAL GUARD 803V SERIES THRESHOLD	DETAIL 'Q' PS-074 SELF-ADHESIVE WEATHERSTRIPPING	ZERO DETAIL 'R' 188S DOOR SEAL SELF ADHESIVE
ZERO DETAIL 'U' 8144S 8114FS DOOR SEAL SELF ADHESIVE	DETAIL 'W1' ZERO 539 DOOR SWEEP	DETAIL 'Y1' ZERO 475 ADJUSTABLE STOP	DETAIL 'S' FAS-SEAL DOOR SWEEP
DETAIL 'W2' NGP 202 DOOR SEAL	DETAIL 'X1' 139 DOOR SWEEP	DETAIL 'Y2' NGP 170N ADJUSTABLE STOP	DETAIL 'S' FAS-SEAL DOOR SWEEP
DETAIL 'W1' ZERO 539 DOOR SWEEP	DETAIL 'X1' 139 DOOR SWEEP	DETAIL 'Y1' ZERO 475 ADJUSTABLE STOP	DETAIL 'S' FAS-SEAL DOOR SWEEP
DETAIL 'W2' NGP 202 DOOR SEAL	DETAIL 'X2' 200N DOOR SWEEP	DETAIL 'Y2' NGP 170N ADJUSTABLE STOP	DETAIL 'S' FAS-SEAL DOOR SWEEP
DETAIL 'W1' ZERO 539 DOOR SWEEP	DETAIL 'X1' 139 DOOR SWEEP	DETAIL 'Y1' ZERO 475 ADJUSTABLE STOP	DETAIL 'S' FAS-SEAL DOOR SWEEP

DETAIL 'J'
WEATHERSTRIPPING
INSTALLATION
13 SHOWN 19 SIMILAR

[illegible]

TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL				
COMMERCIAL STEEL DOORS				
UP TO 8'0"X8'0" DOUBLE OPENING OUTSWING				
DOOR AND FRAME GASKETING AND PERIMETER SEAL HARDWARE				
SIZE	FLAT	DWG NO.		REV
		FMA-DF		E
SCALE:	NTS	AUTOCAD	FL16740	SHEET 12 of 16

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



DOOR/EDGE SWEEP APPLIED TO THE SOFFIT AREA OF HINGE JAMBS, BUTT AGAINST CLOSED DOOR

DOOR SEAL APPLIED TO HEAD AND JAMBS

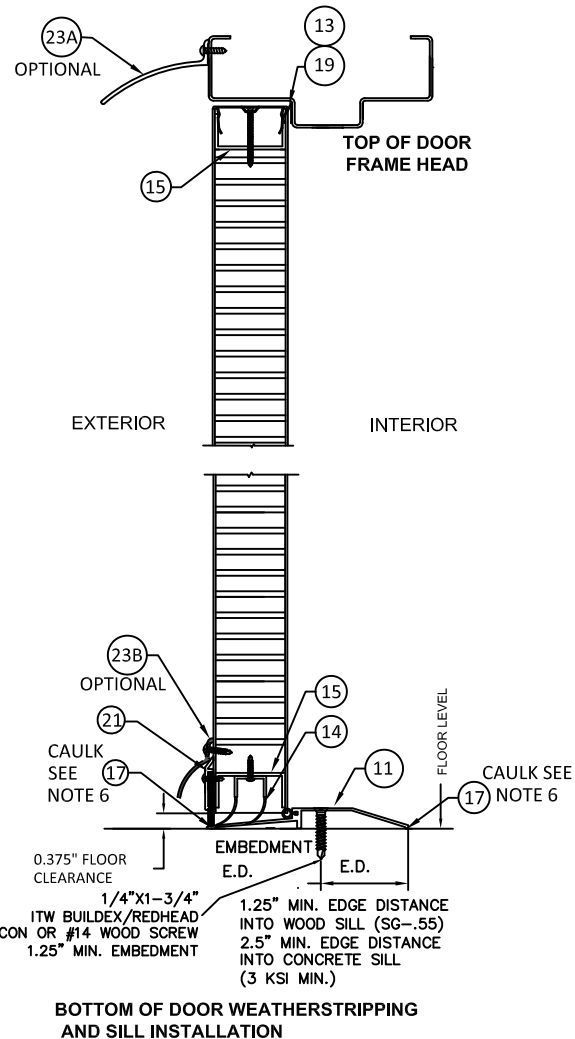
HEAD & JAMB SWEEP INSTALLATION

DOOR/EDGE SWEEP APPLIED TO THE SOFFIT AREA OF HINGE JAMBS, BUTT AGAINST CLOSED DOOR

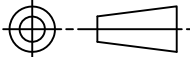
DOOR SEAL APPLIED TO HEAD AND JAMBS

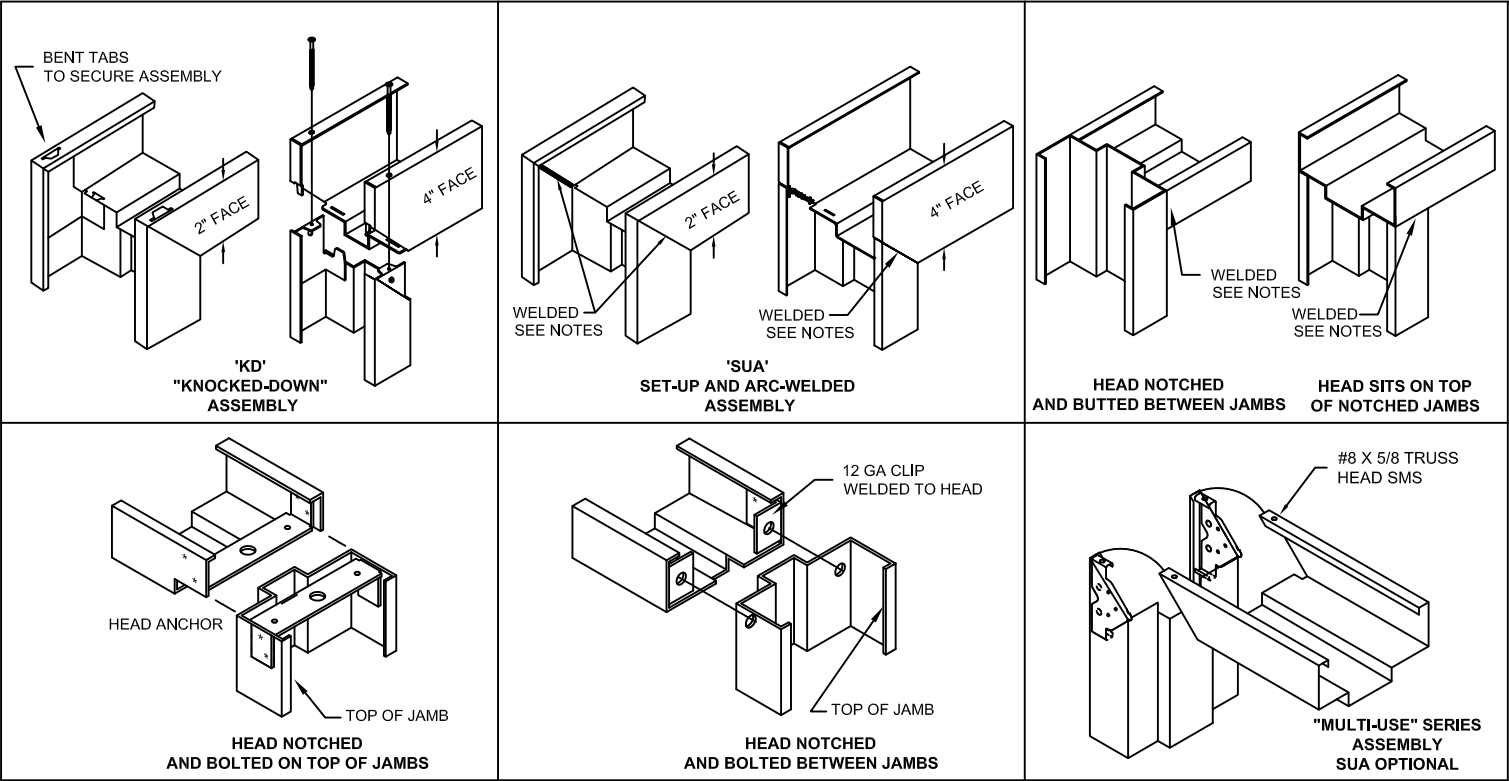
HEAD & JAMB SWEEP INSTALLATION

This diagram illustrates a split astragal door threshold assembly. The main cross-section shows a central threshold with an 'INACTIVE' section on the left and an 'ACTIVE' section on the right. The threshold is set into a 'HINGE JAMB' on both sides. A 'DOOR SEAL APPLIED TO HEAD AND JAMBS' is shown at the top. The 'INTERIOR' is on the right and the 'EXTERIOR' is on the left. A 'SPLIT ASTRAGAL' is labeled with a callout '16'. Callouts '13' and '19' point to specific components of the jamb and seal assembly. Below the main diagram, two circular insets show the 'TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6'. The left inset is labeled 'EXT.' and the right inset is labeled 'INT.', showing the threshold profile relative to the caulk bead.

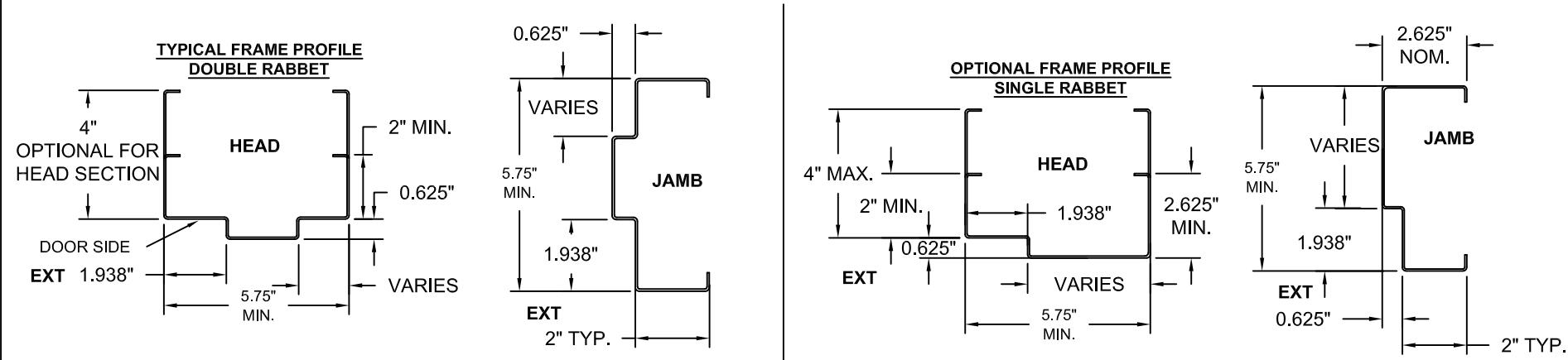


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 398 E. PALM BEACH BLVD #303
 PALM BEACH, FL 33408
 FBPE CERT. OF AUTHORIZATION NO. 29578

BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032					
							
THIRD ANGLE PROJECTION		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL					
DRAWN	DATE	COMMERCIAL STEEL DOORS UP TO 8'0"X8'0" DOUBLE OPENING OUTSWING DOOR AND FRAME GASKETING AND PERIMETER SEAL HARDWARE					
JPD	08/21/13						
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.		FMA-DF	REV
							E
ENG. APPVL		SCALE:		NTS	AUTOCAD	FL16740	SHEET 13 of 16
X	08/21/13						



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



AVAILABLE DOOR PANEL CONFIGURATIONS

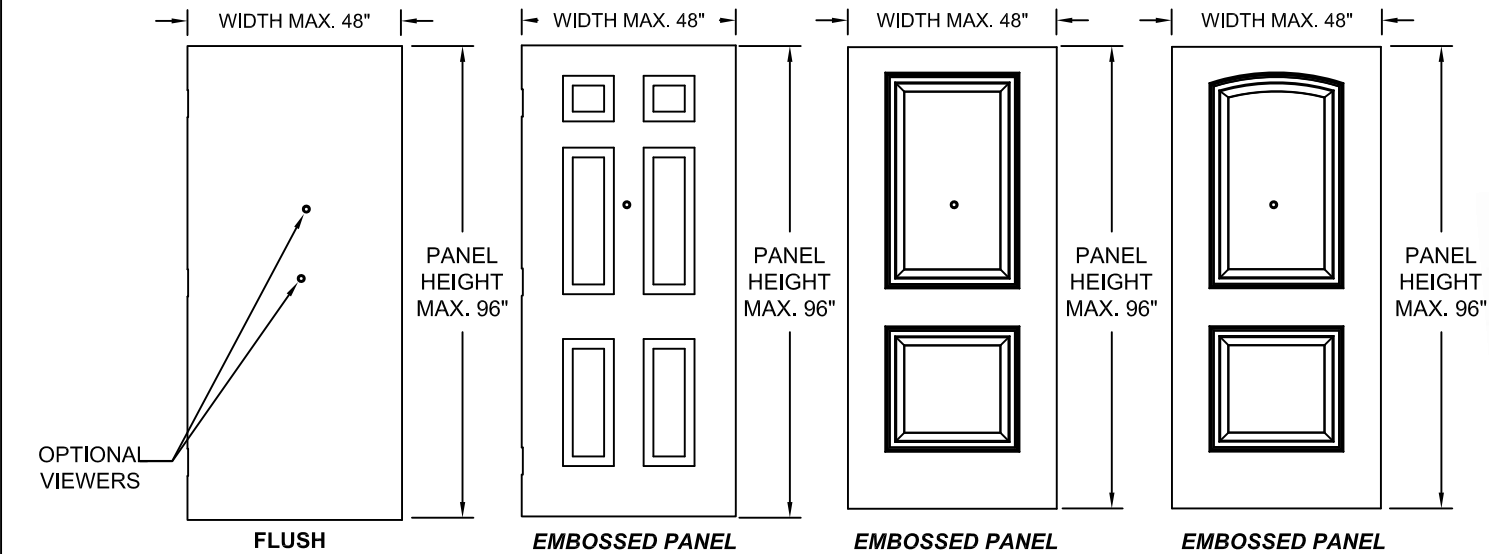


TABLE 6. AVAILABLE STEELCRAFT H-SERIES DOOR CONFIGURATIONS

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	8'-0"	8'-0"	CRS GALV	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	8'-0"	8'-0"	STAINLESS STEEL	16/.053"

TABLE 7. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

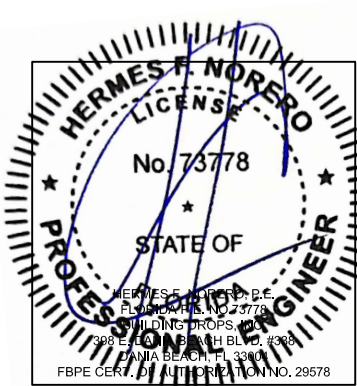
FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" MIN.	8'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" MIN.	8'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"

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	MIN. 42.6	MIN. 73.2
SS:304,316	A240/A480		

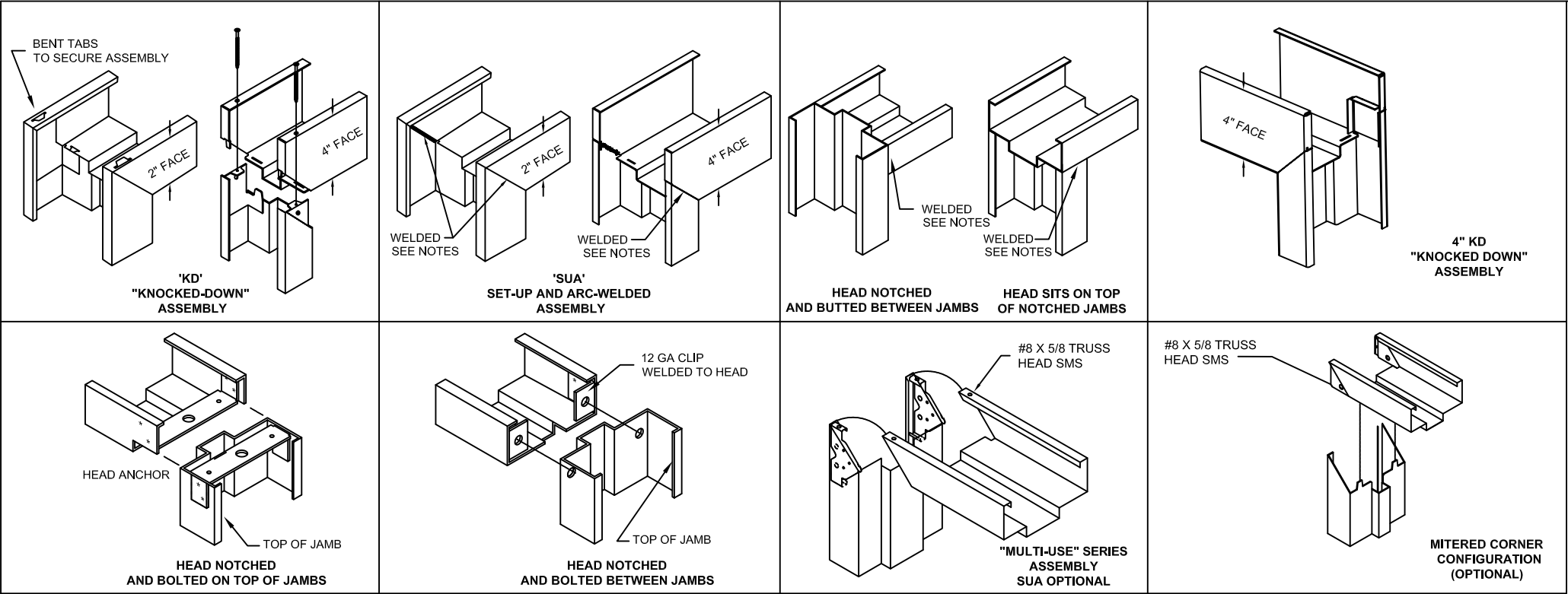
NOTES:
1. DOOR CONSTRUCTION
1.1. NOMINAL DOOR THICKNESS - 1 3/4"
1.2. MAXIMUM DOOR SIZE IS 8' X 8' FOR DOUBLE OPENING
1.3 FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 8.
1.4 DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN PRESSURE OF +/-75 PSF OR LESS. MAXIMUM 9/16" DIAMETER HOLE THROUGH 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 7)
2.3 FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 8.

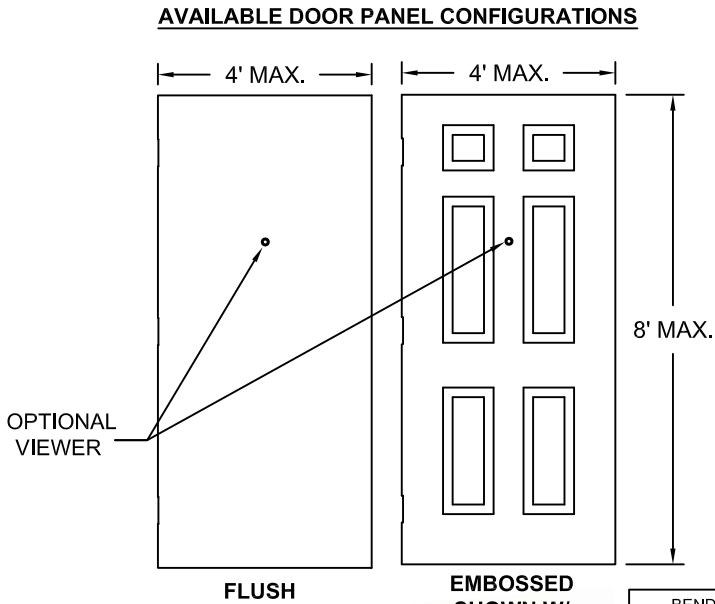
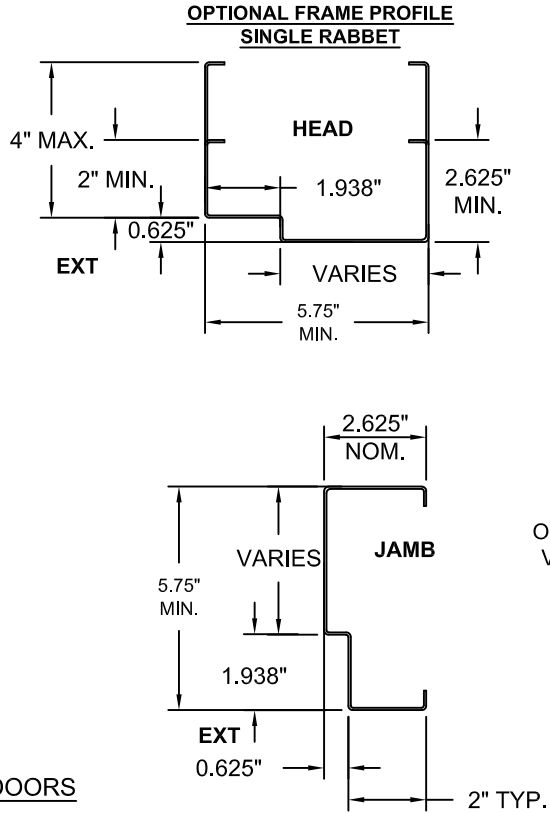
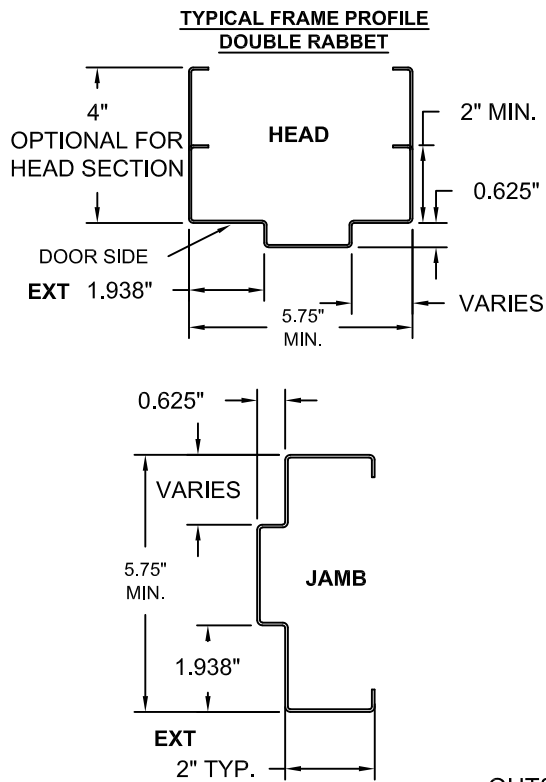


BEND RADIUS		ALLEGION-SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: FLORIDA BUILDING CODE PRODUCT APPROVAL			
DRAWN YMF	DATE 05/20/07	STEELCRAFT FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS			
CHECKED		SIZE	FLAT	DWG NO.	REV
APPROVED		FMA-DF			E
ENG. APPVL JPD	10/12/07	SCALE:	NTS	AUTOCAD	FL16740
				SHEET	14 OF 16





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



- NOTES:
- DOOR CONSTRUCTION
 - NOMINAL DOOR THICKNESS - 1 3/4"
 - MAXIMUM DOOR SIZE IS 8' X 8' FOR DOUBLE OPENING
 - FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 12.
 - 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
 - FRAME CONSTRUCTION
 - NOMINAL JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - FRAMES AVAILABLE (SEE TABLE 11)
 - FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 12.

TABLE 12. STEEL MECHANICAL PROPERTIES

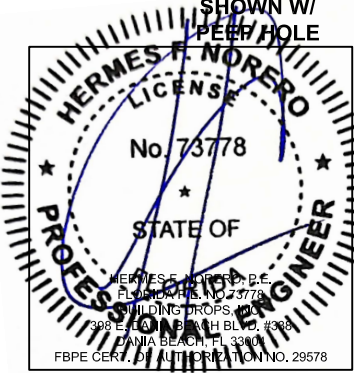
MATERIAL	ASTM REF.	YIELD KSi	TENSILE KSi
CRS	A1008	MIN. 30.1	MIN. 44.7
HRS	A1011		
GALV.	A653/A924		
SS:304,316	A240/A480	MIN. 31.2	MIN. 73.2

TABLE 10. 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	8'-0"	8'-0"	CRS. GALV.	16/.053"
DE		8'-0"	8'-0"	CRS. GALV.	16/.053" 14/.067"

TABLE 11. AVAILABLE REPUBLIC FRAME CONFIGURATIONS

REPUBLIC FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
ME / SE	5.75" MIN.	8'-0"	8'-0"	CRS/HRS GALV	16/.053" 14/.067"
SE	5.75" MIN.	8'-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: FLORIDA BUILDING CODE PRODUCT APPROVAL				
DRAWN YMF		DATE 05/20/07		REPUBLIC FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS		
CHECKED						
APPROVED						
ENG. APPVL JPD		10/12/07		SIZE FLAT	DWG NO. FMA-DF	REV E
SCALE:		NTS	AUTOCAD	FL16740	SHEET 16 OF 16	