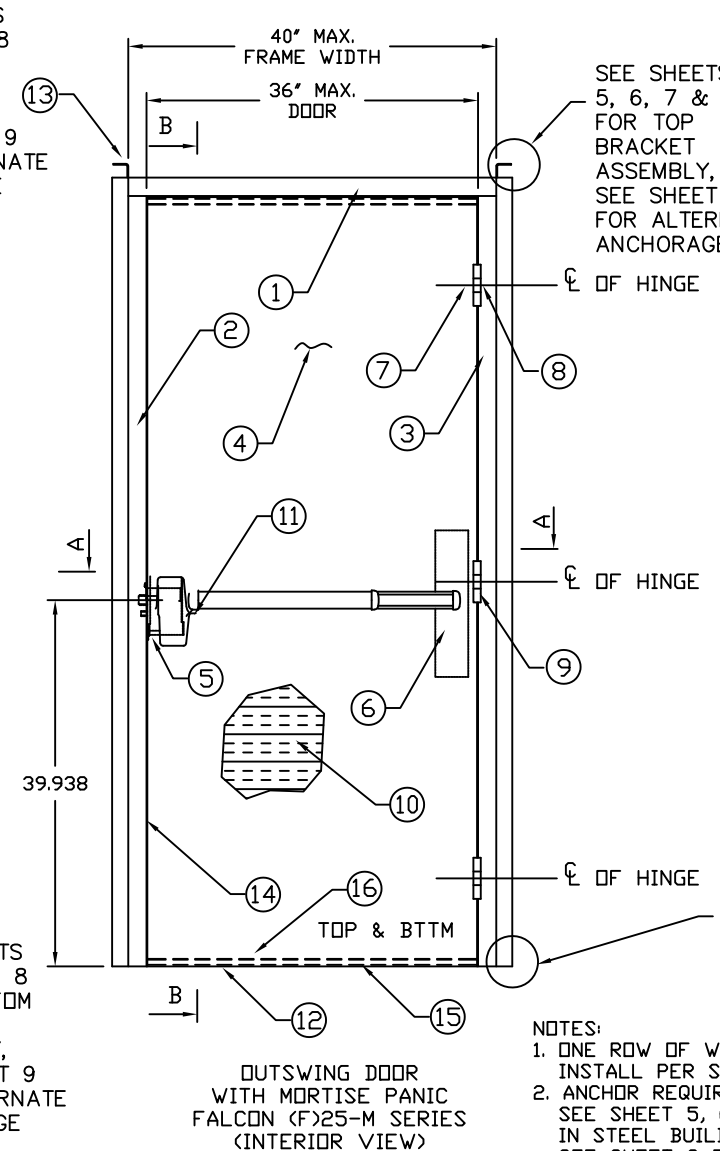
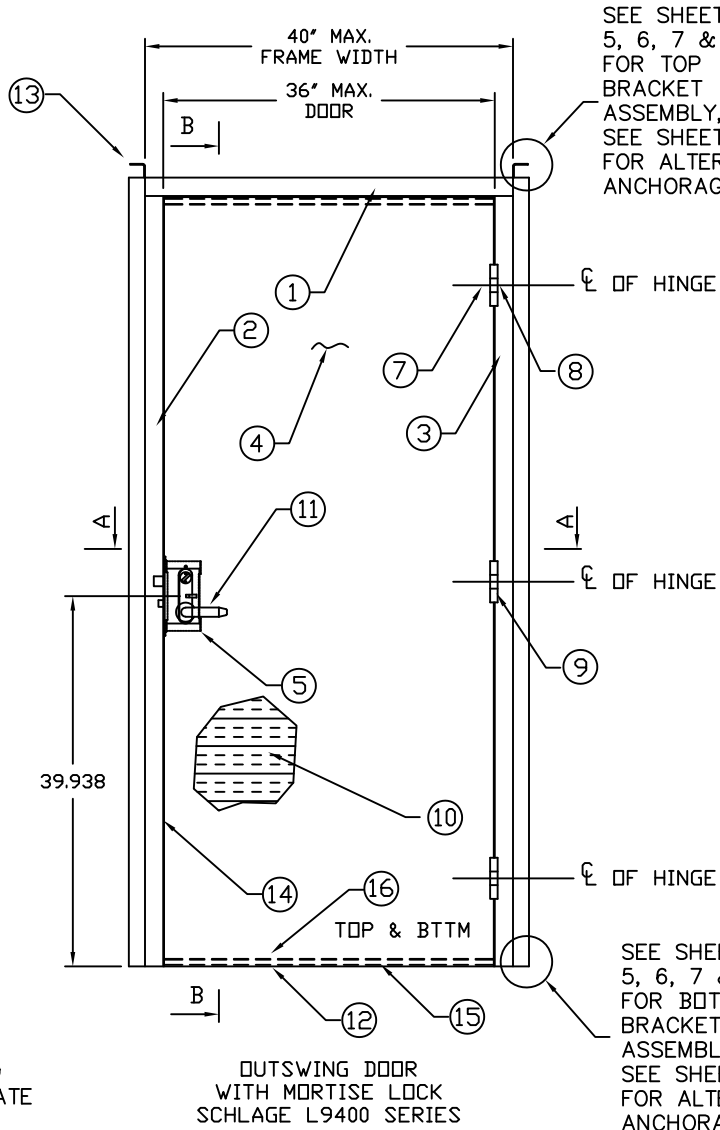
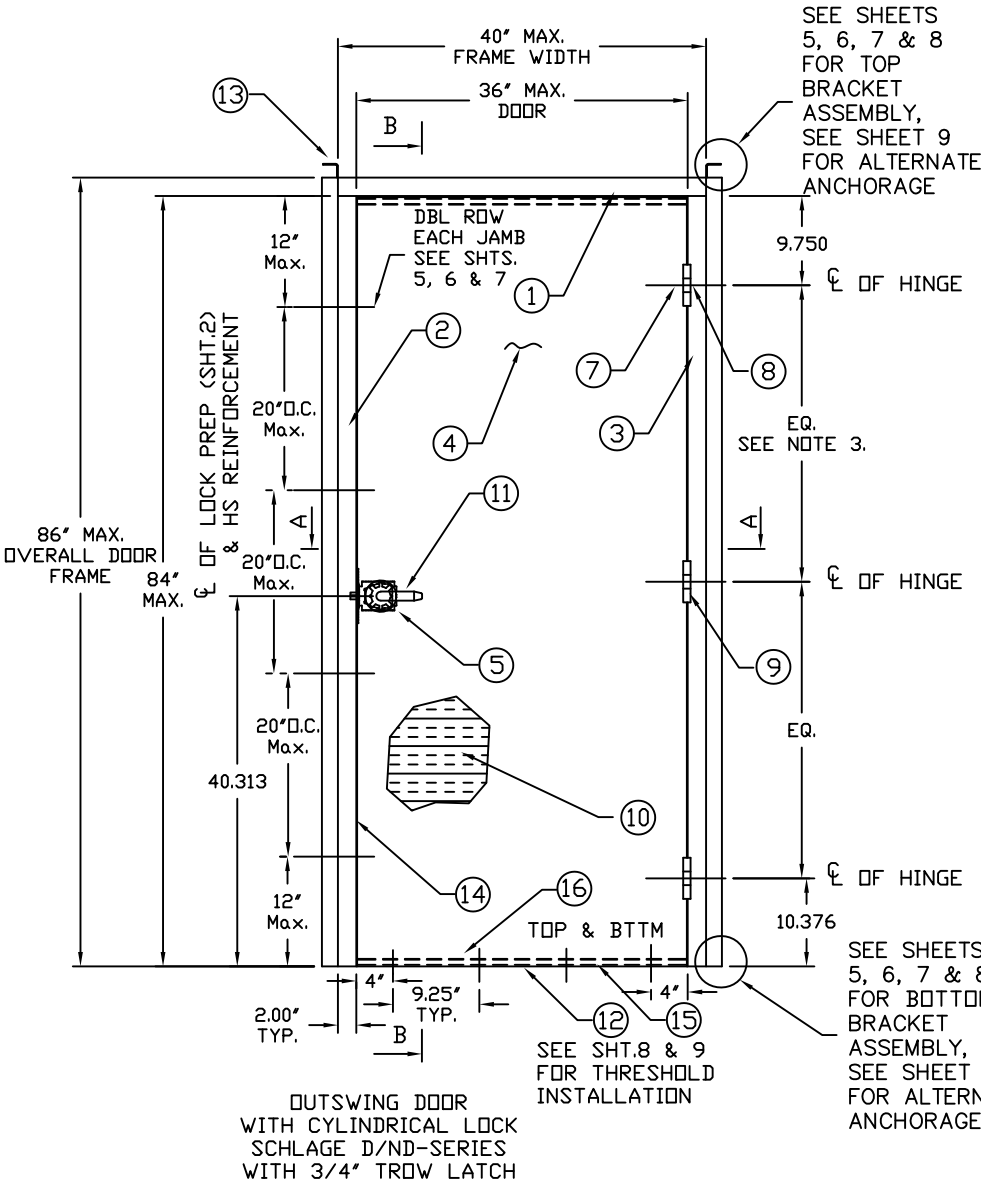


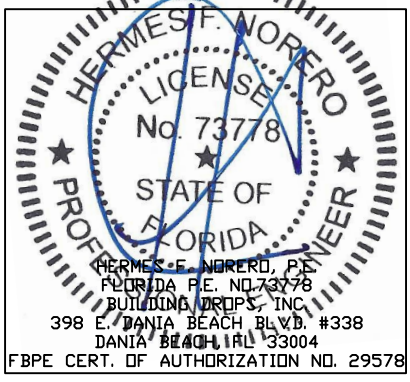
DESIGN PRESSURE RATING			IMPACT RATING
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS <u>NOT</u> NEEDED	LARGE AND SMALL MISSILE IMPACT LARGE MISSILE IMPACT 50 F/S
POSITIVE	NOT APPROVED	+ 70 PSF	
NEGATIVE	NOT APPROVED	- 70 PSF	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02.08.19	
B	2020 FBC UPDATE	07.16.20	



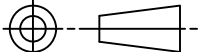
GENERAL NOTES:
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202 & 203-94, AND COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
2. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.
3. DESIGN AND STRUCTURAL INTEGRITY OF GIRT SYSTEM BY OTHERS.

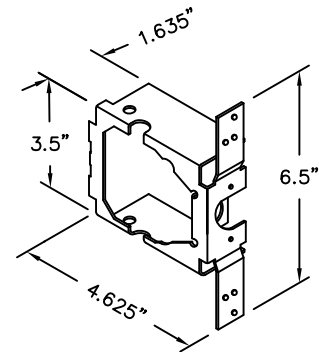
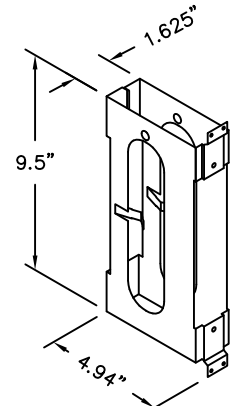
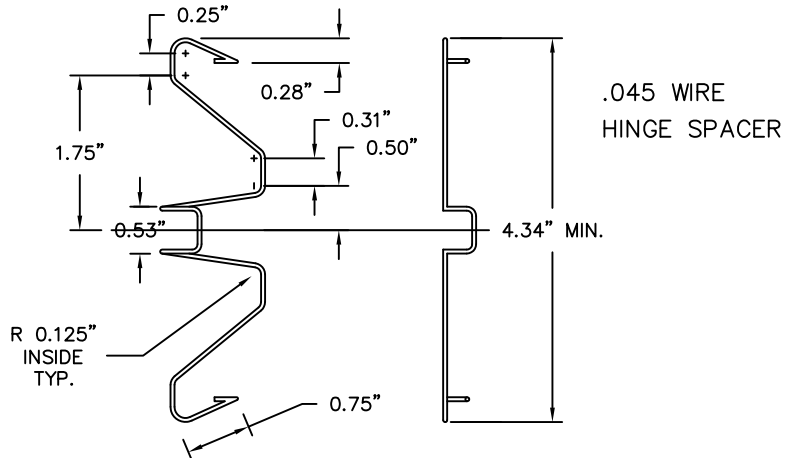
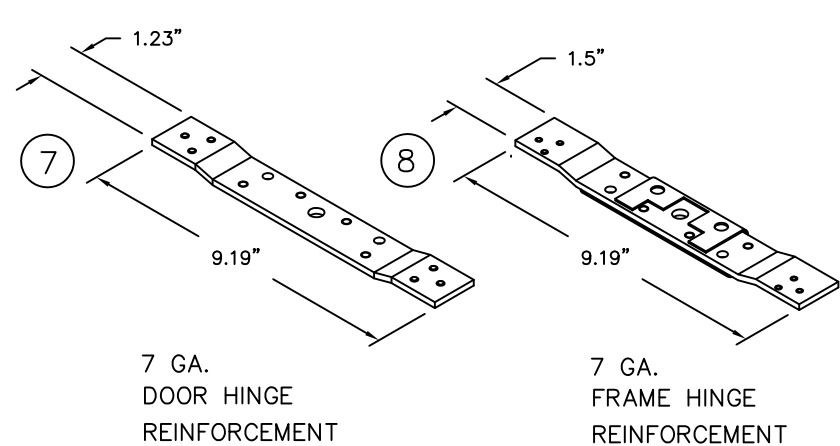
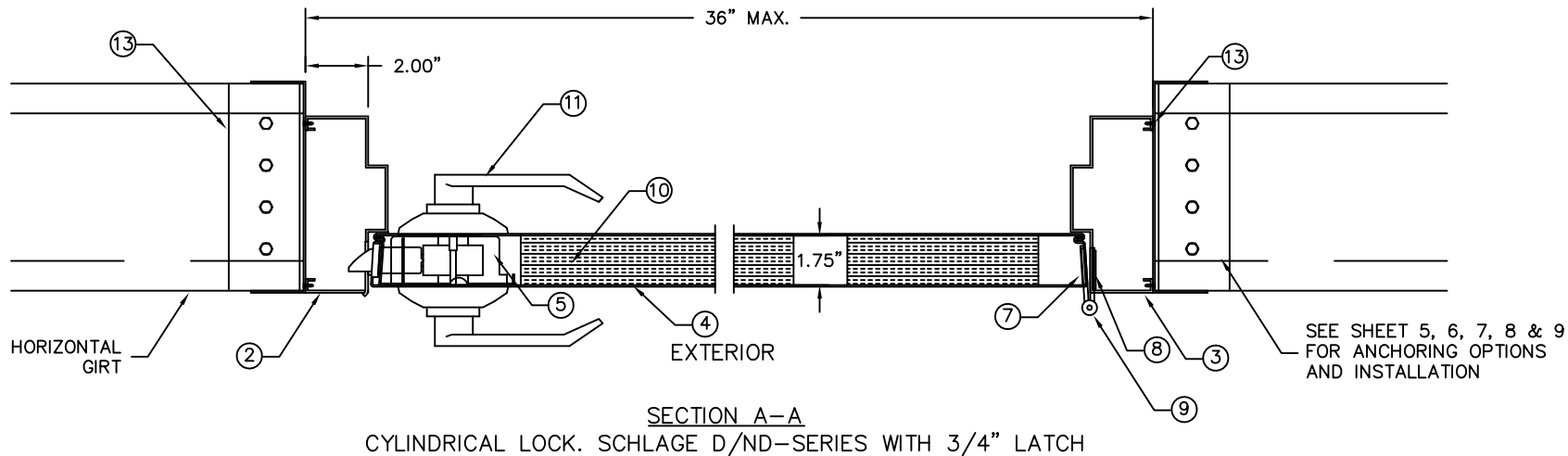
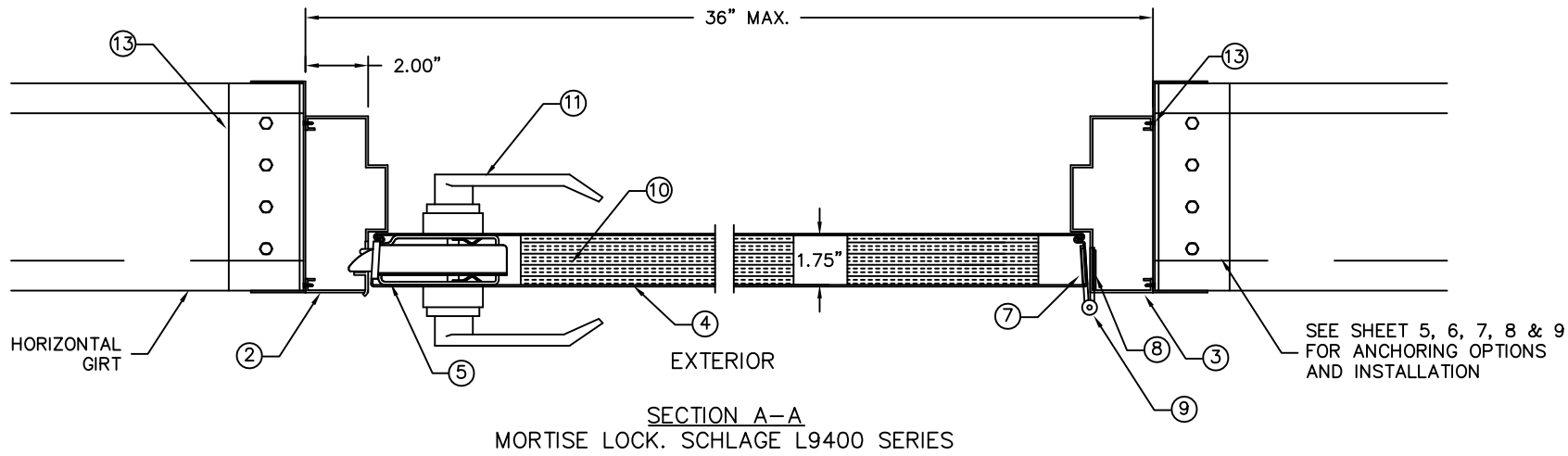
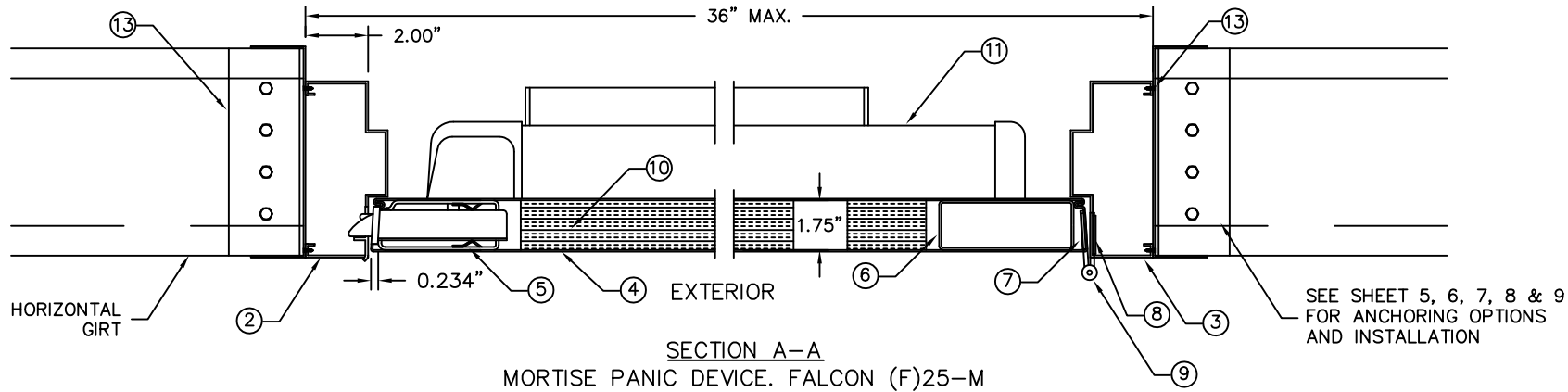
Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2020.08.11 23:58:09 -04'00'



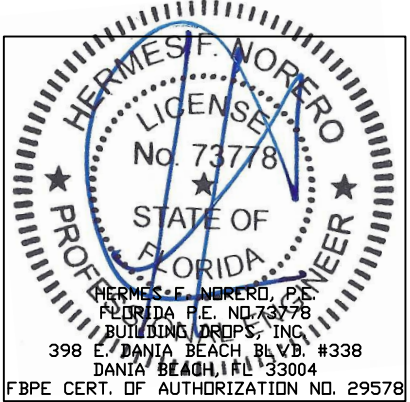
- NOTES:
- ONE ROW OF WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHTS. 5, 6, 7 & 8.
 - ANCHOR REQUIREMENTS: SEE SHEET 5, 6, 7 & 8 FOR APPROVED ANCHORING SYSTEM FOR EXPI-DOOR UNIT IN STEEL BUILDINGS. SEE SHEET 9 FOR APPROVED ANCHORING SYSTEM FOR EXPI-DOOR UNIT IN OTHER SUBSTRATES.
 - HINGE REQUIREMENTS: MIN (3) HINGES LOCATIONS: 9.75" FROM RABBET IN HEAD TO CL OF TOP HINGE 10.38" FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN.
 - SEE SHEET 4 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
 - HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
 - APPLY CAULK AS NEEDED.
 - SPECIFIC EGRESS/ESCAPE APPLICATION OF THIS DOOR, IN COMPLIANCE WITH THE FBC, TO BE DETERMINED BY BUILDING OFFICIAL ON CASE BY CASE BASIS.

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SECTION SEE SHT 5,6,7&8 ASTM A924 16GA.	.053" MIN. STL	MAX. 40"
2	1	STRIKE JAMB. SEE SHT 5,6,7&8 16 GA.	.053" MIN. STL	MAX. 86"
3	1	HINGE JAMB SEE SHT 5,6&7 ASTM A924 16 GA.	.053" MIN. STL	MAX. 86"
4	1	DOOR SLAB (18 GA) MIN.	SEE SHT 4	3'0" X 7'0" MAX.
5	1	LOCK REINFORCEMENT	SEE SHT 2	SEE SHT 2
6	1	HINGE SIDE REINFORCEMENT	.067" MIN. STL	4" X MAX. 20"
7	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621 SHT 2	.171" MIN. STL.	1.23" X 9.19"
8	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621 SHT 2	.171" MIN. STL.	1.5" X 9.19"
9	NOTE 3.	IVES 5BB1 OR 3CB1 HINGES STANLEY F179/1900 OR HAGER 1279 HINGES	.134" MIN. STL.	4.5" X 4.5" (12-24 MS) 4 SCREWS PER HINGE
10	1	CORE: POLYSTYRENE POLYURETHANE OR HONEYCOMB LOCKING HARDWARE - SEE SHT 3	SEE SHEET 4	SEE SHEET 4
11	1	A) FALCON (F)25-M MORTISE PANIC		
		B) SCHLAGE D/ND-SERIES CYLINDRICAL LOCK		
		C) SCHLAGE L9400 SERIES MORTISE LOCK		
12	1	FULL JAMB DEPTH THRESHOLD SHT 8	.100" ALUM. 6063 T5	.50" X 5.78" X 36" MAX.
13	NOTE 2.	EXPI-DOOR ANCHORING SYSTEM PER SHTS 5,6,7&8		
14	3	PSD74/5050 WEATHER STRIPPING SHTS 5, 6, 7 & 8	TPE/SILICONE	MAX. 17"
15	1	FAS-SEAL DOOR SWEEP SHT 8	TPE	MAX. 35.66"
16	2	END CHANNEL ASTM A924 INVERTED (14 GA)	.067" MIN. STL.	.69" X 1.66" X 35.66" MAX.
17	AS NEEDED	BUTYL RUBBER OR SILICONE (OPTIONAL)		

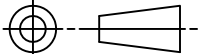
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
					
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL EXPI-DOOR SERIES SYSTEM (OUTSWING)			
DRAWN NF	DATE 02.08.19				
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 1035W-1 SHEET 1 OF 9	REV B
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL4031

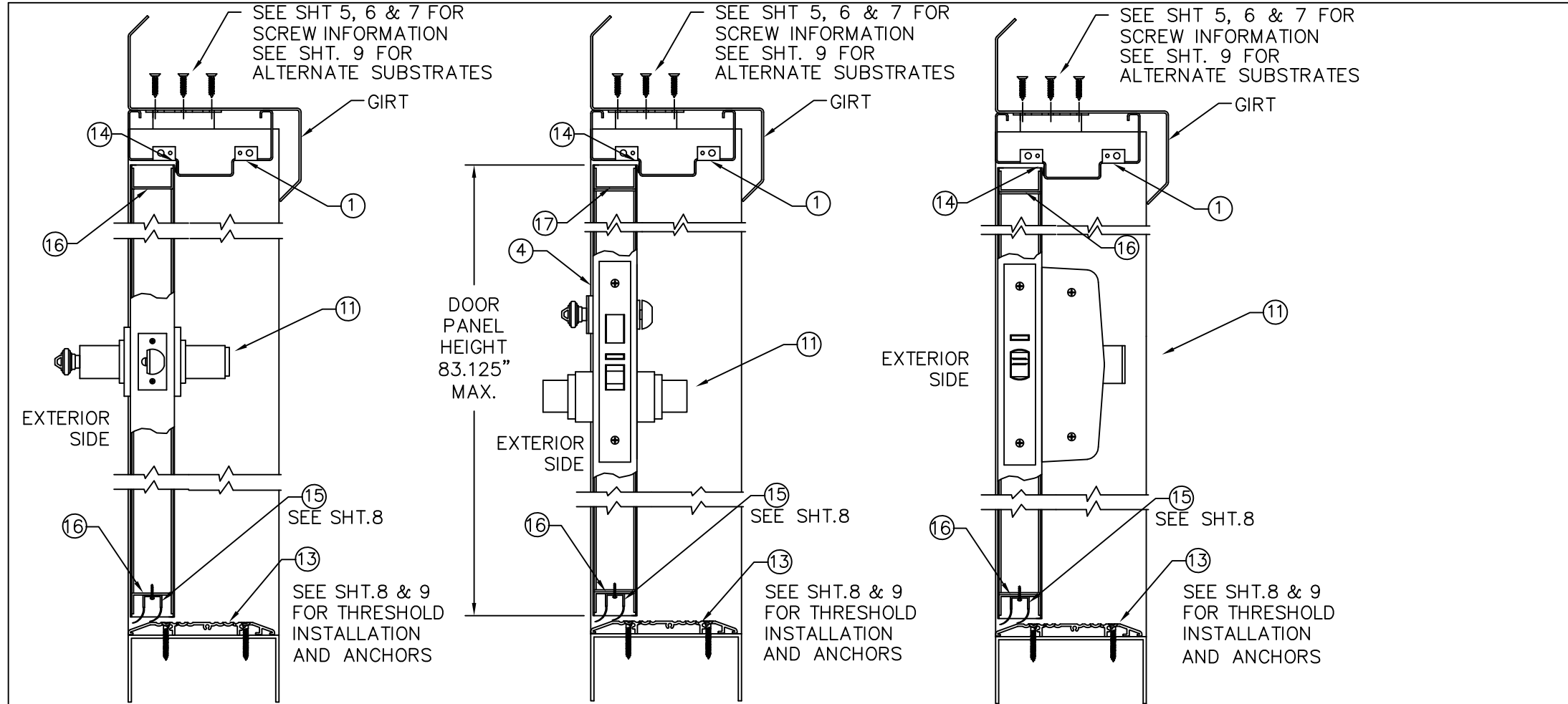


R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02.08.19	
B	2020 FBC UPDATE	07.16.20	



- NOTES:
1. SEE SHT. 1 FOR ELEVATION, MATERIAL AND SIZE
 2. SEE SHT. 5, 6 & 7 FOR GIRT/STUD WALL CONSTRUCTION AND ANCHORING SYSTEM REQUIREMENTS.
 3. SEE SHT. 9 FOR ALTERNATE SUBSTRATE OPTIONS.
 4. SEE SHT. 4, 5, 6, & 7 FOR AVAILABLE SIZES, JAMB DEPTHS AND SPECIFICATIONS.
 5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS.
 6. DESIGN AND STRUCTURAL INTEGRITY OF GIRT SYSTEM BY OTHERS

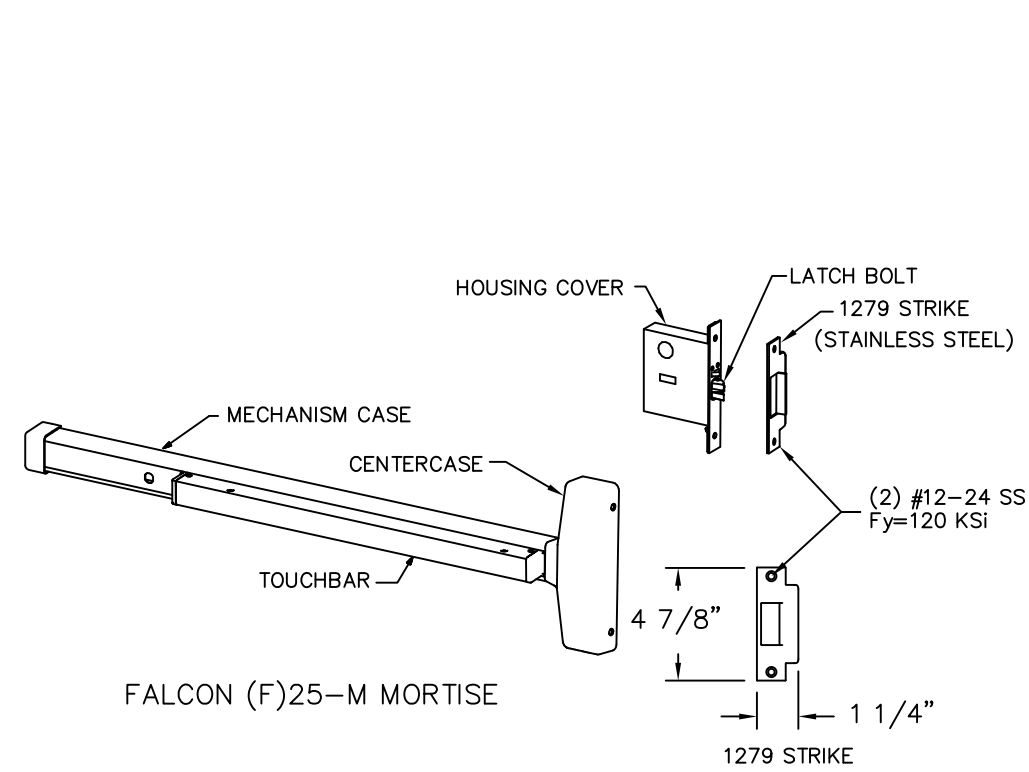
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOOOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
 THIRD ANGLE PROJECTION					
DRAWN NF		DATE 02.08.19		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL CROSS SECTION OF EXPIDOOOR SERIES UNIT 3070 SINGLE DOORS	
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 1035W-1 SHEET 2 OF 9	REV B
ENG. APPVL		SCALE: NTS AUTOCAD		FL4031	



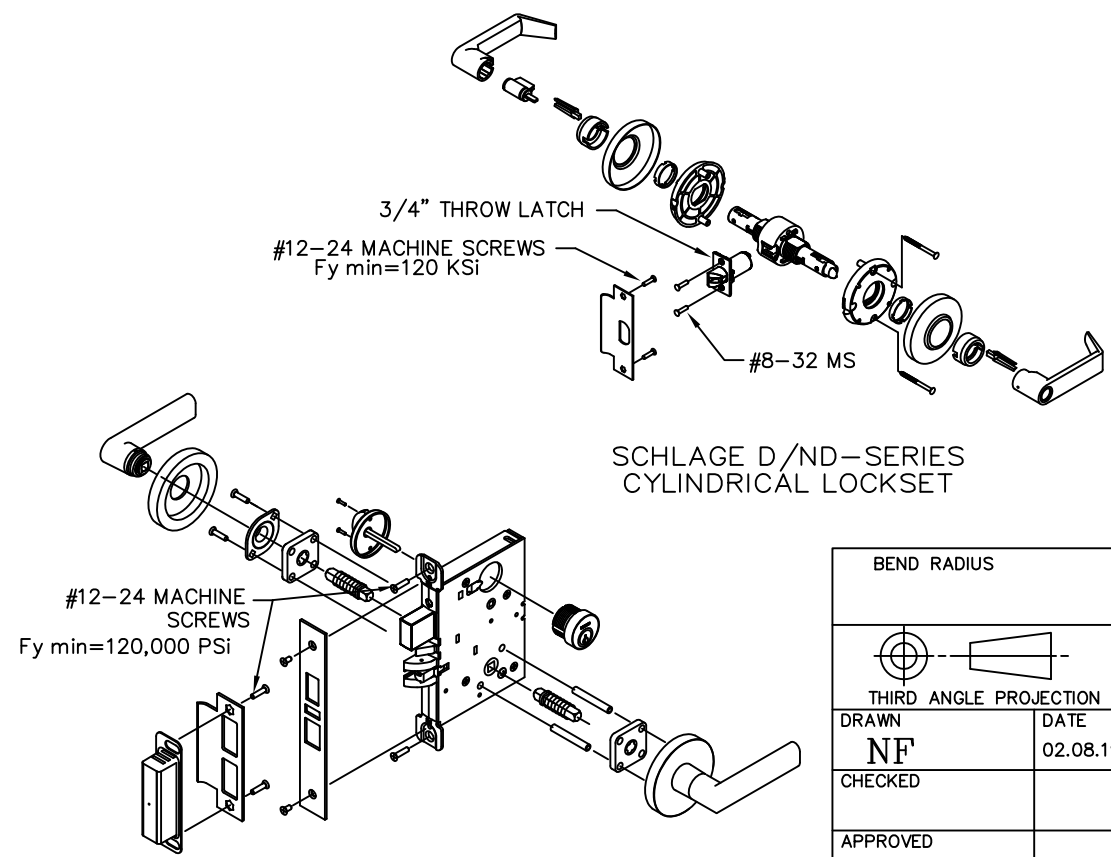
SECTION B-B
CYLINDRICAL LOCKSET
SCHLAGE D/ND-SERIES

SECTION B-B
MORTISE LOCKSET
SCHLAGE L9400 SERIES

SECTION B-B
MORTISE PANIC DEVICE
FALCON (F)25-M

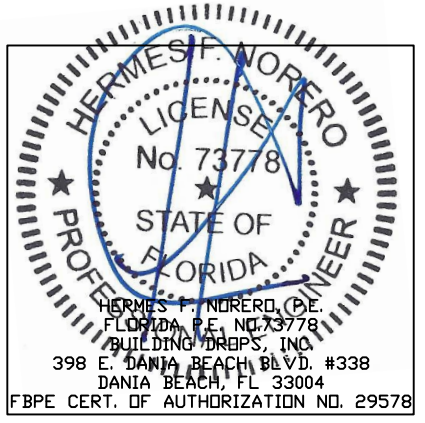


FALCON (F)25-M MORTISE



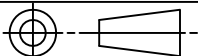
SCHLAGE L9400 SERIES
MORTISE LOCKSET W/ DEADBOLT

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02.08.19	
B	2020 FBC UPDATE	07.16.20	



NOTES:

1. SEE SHT.1 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHT. 5, 6 & 7 FOR GIRT/STUD WALL CONSTRUCTION AND ANCHORING SYSTEM REQUIREMENTS
3. SEE SHT. 9 FOR ALTERNATE SUBSTRATE OPTIONS.
4. SEE SHTS. 4, 5, 6 & 7 FOR AVAILABLE SIZES, JAMB DEPTHS AND SPECIFICATIONS
5. APPROVED HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS
6. WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOOOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL CROSS SECTION OF EXPIDOOOR SERIES UNIT 3070 SINGLE DOORS				
DRAWN NF	DATE 02.08.19					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. 1035W-1 SHEET	3 OF 9	REV B
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL4031	

AVAILABLE DOOR CONFIGURATIONS
TABLE 1.
(SEE NOTE 1.)

DOOR SERIES	CORE MATERIAL PER SHT.4	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
L	HONEYCOMB POLYSTYRENE POLYURETHANE	3'0"	7'0"	CRS GALV	18/.044" 16/.053" 14/.067"

TABLE 3.

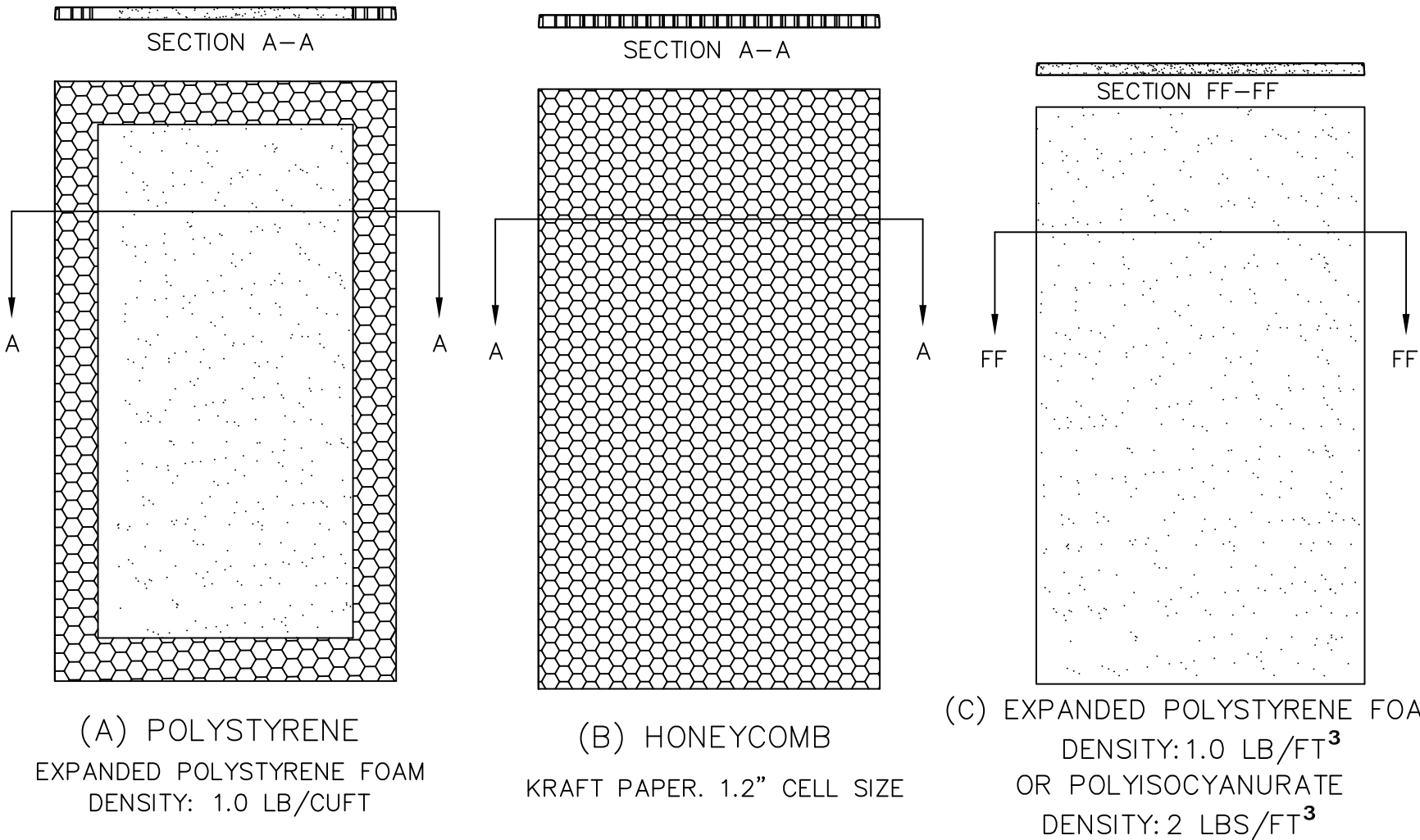
CRS ASTM A1008
HRS ASTM A1011
GALV: A60 ASTM A924

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02.08.19	
B	2020 FBC UPDATE	07.16.20	

AVAILABLE FRAME CONFIGURATIONS
TABLE 2.
(SEE NOTE 2.)

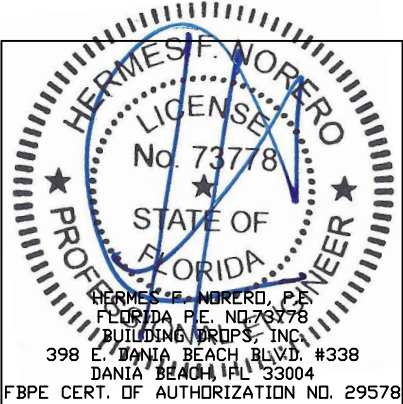
FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL		NOTES
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK	
PU	5.75" MIN.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067"	FRAME TYPES FOR USE WITH EXPI-DOOR STEEL BUILDING ANCHOR SYSTEM, SEE SHEET 5
MU	5.75" MIN.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067"	FRAME TYPES FOR USE WITH EXPI-DOOR STEEL BUILDING ANCHOR SYSTEM, SEE SHEETS 5-7
F	5.75" MIN.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067"	FRAME TYPES FOR USE WITH ALTERNATE SUBSTRATES, SEE SHEET 9

Fy MIN. = 43,700 PSI

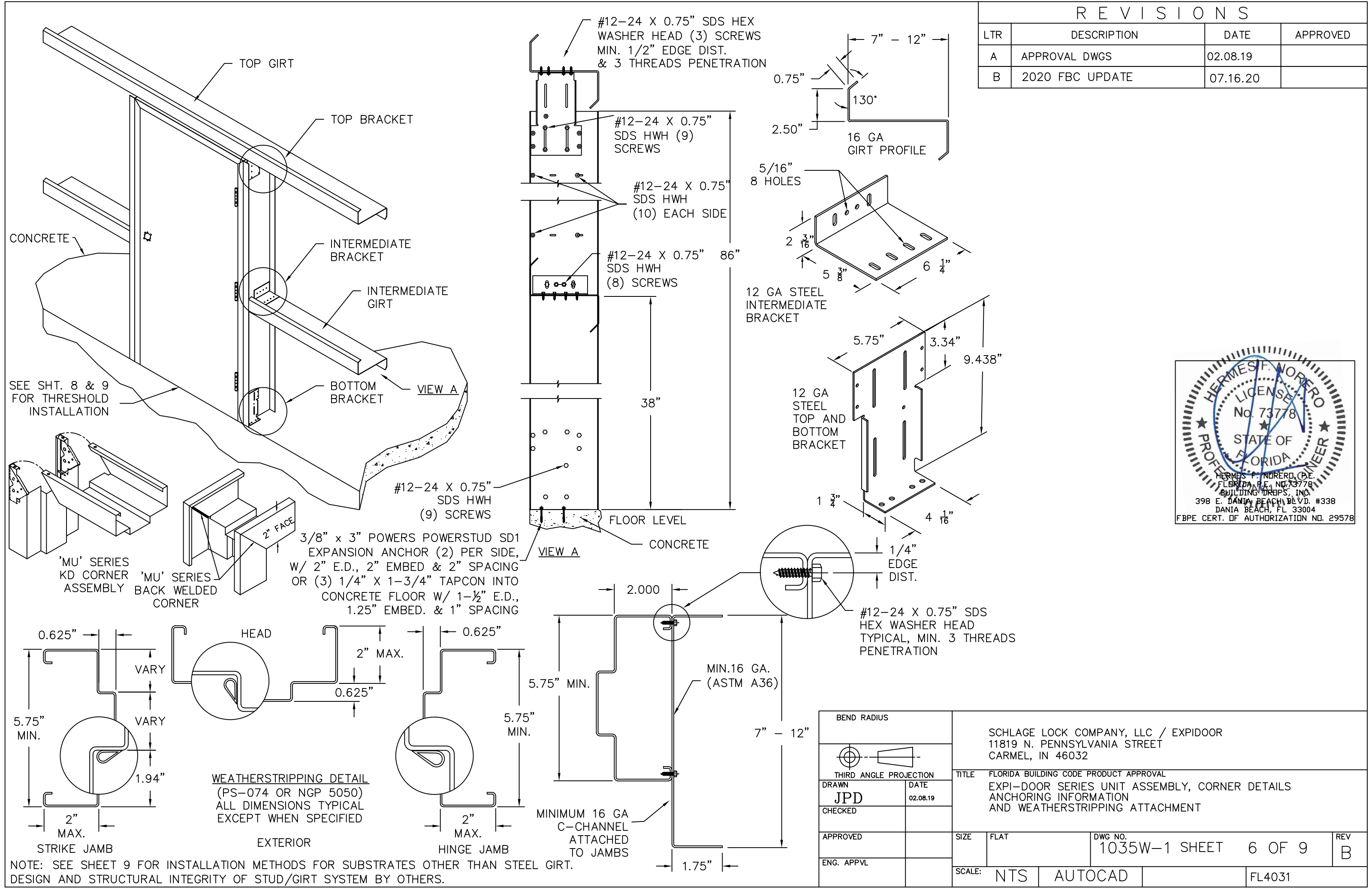


NOTES:

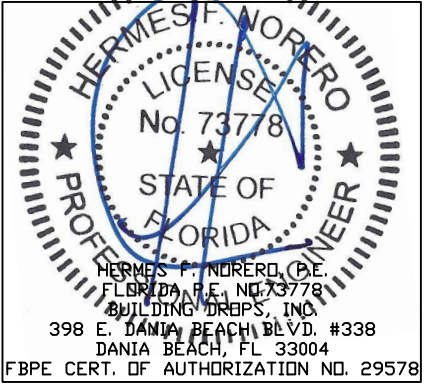
- DOOR CONSTRUCTION
 - MINIMUM DOOR THICKNESS – 1 3/4"
 - ALL DOORS ARE FLUSH – NO LITES OR LOUVERS AVAILABLE
- FRAME CONSTRUCTION
 - MINIMUM JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8"
- FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3.
- CORE MATERIAL SHOWN WITHOUT HARDWARE REINFORCEMENTS

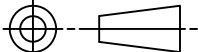


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS. EXPI-DOOR UNIT			
DRAWN NF	DATE 02/08/19	SIZE FLAT		DWG NO. 1035W-1	REV B
CHECKED		SCALE: NTS		4 OF 9	
APPROVED		AUTOCAD		FL4031	
ENG. APPVL					

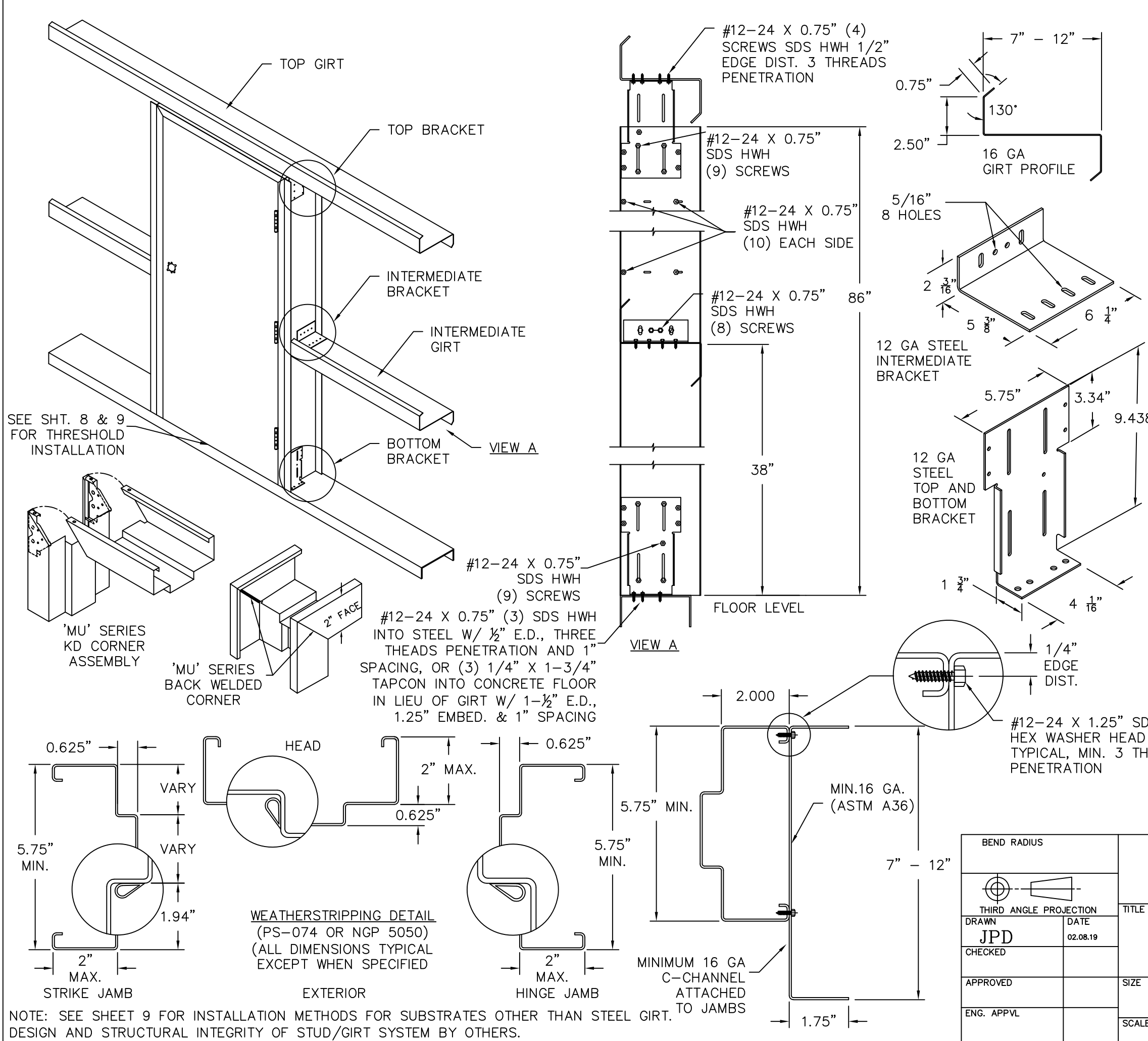


R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS	02.08.19	
B	2020 FBC UPDATE	07.16.20	

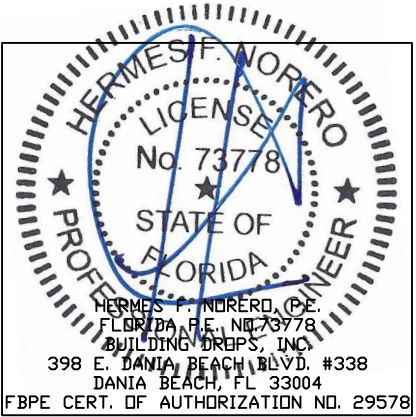


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOOOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032				
						
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL EXPI-DOOR SERIES UNIT ASSEMBLY, CORNER DETAILS ANCHORING INFORMATION AND WEATHERSTRIPPING ATTACHMENT				
DRAWN JPD	DATE 02.08.19					
CHECKED						
APPROVED		SIZE	FLAT	DWG NO. 1035W-1 SHEET	6 OF 9	REV B
ENG. APPVL		SCALE: NTS		AUTOCAD	FL4031	

NOTE: SEE SHEET 9 FOR INSTALLATION METHODS FOR SUBSTRATES OTHER THAN STEEL GIRT.
DESIGN AND STRUCTURAL INTEGRITY OF STUD/GIRT SYSTEM BY OTHERS.

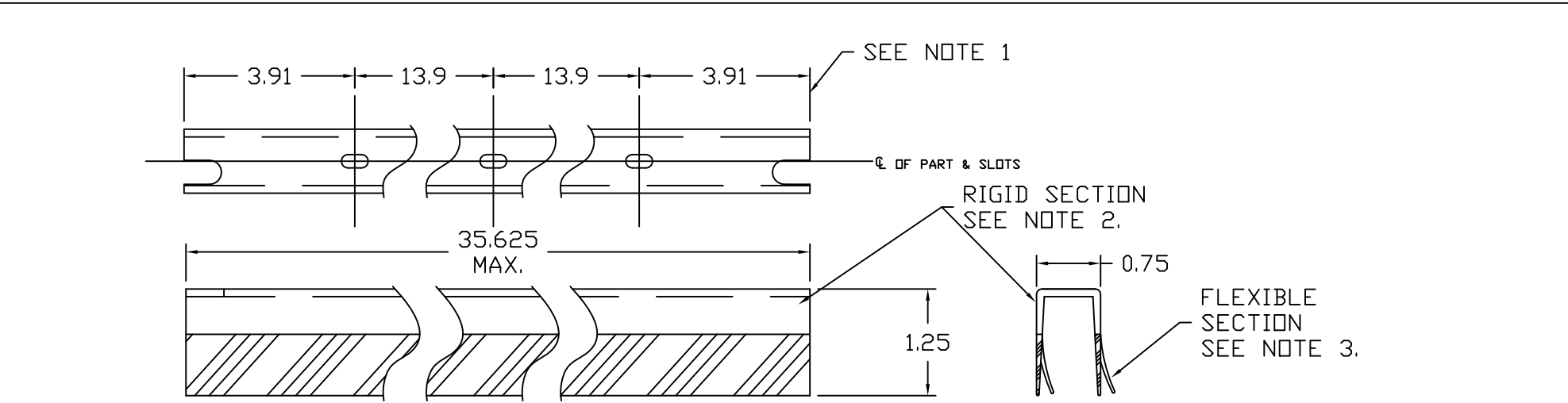


R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS	02.08.19	
B	2020 FBC UPDATE	07.16.20	

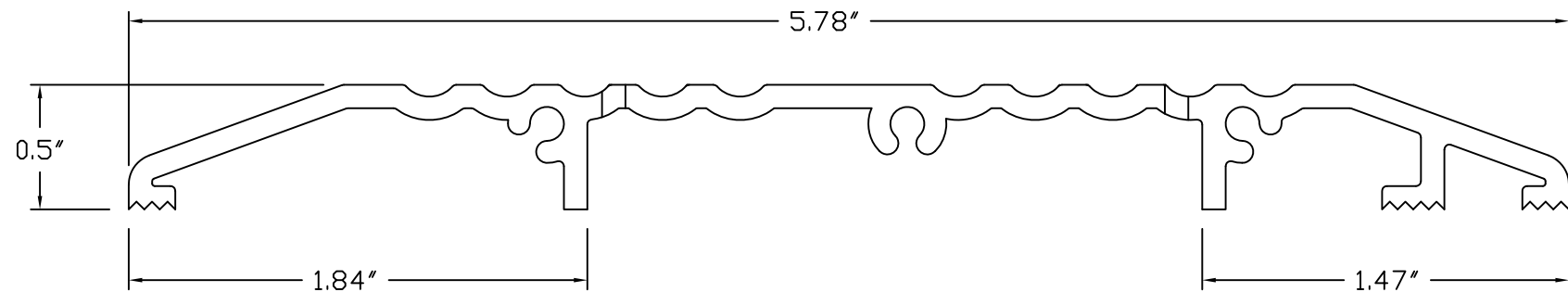
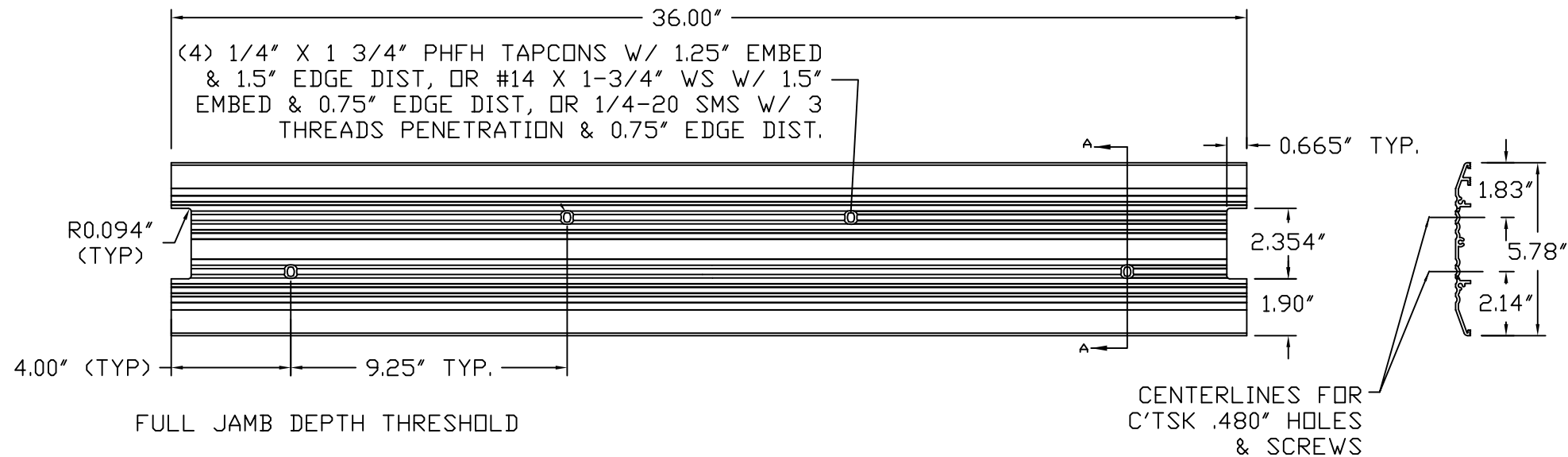


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOOOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL EXPI-DOOR SERIES UNIT ASSEMBLY, CORNER DETAILS ANCHORING INFORMATION AND WEATHERSTRIPPING ATTACHMENT			
DRAWN JPD	DATE 02.08.19	SIZE FLAT		DWG NO. 1035W-1 SHEET	7 OF 9
CHECKED		SCALE: NTS		AUTOCAD	
APPROVED				FL4031	
ENG. APPVL				REV B	

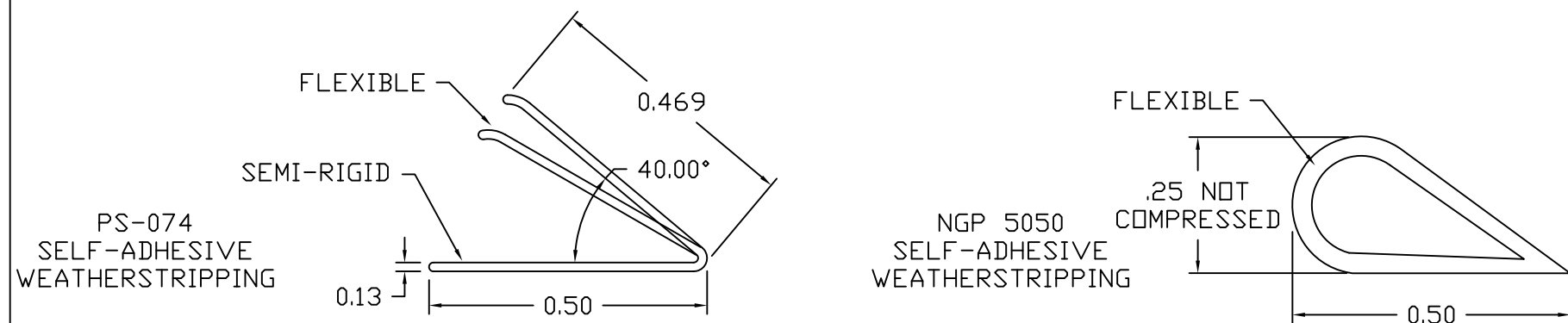
NOTE: SEE SHEET 9 FOR INSTALLATION METHODS FOR SUBSTRATES OTHER THAN STEEL GIRT.
DESIGN AND STRUCTURAL INTEGRITY OF STUD/GIRT SYSTEM BY OTHERS.



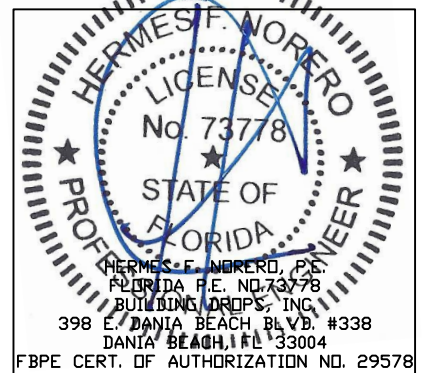
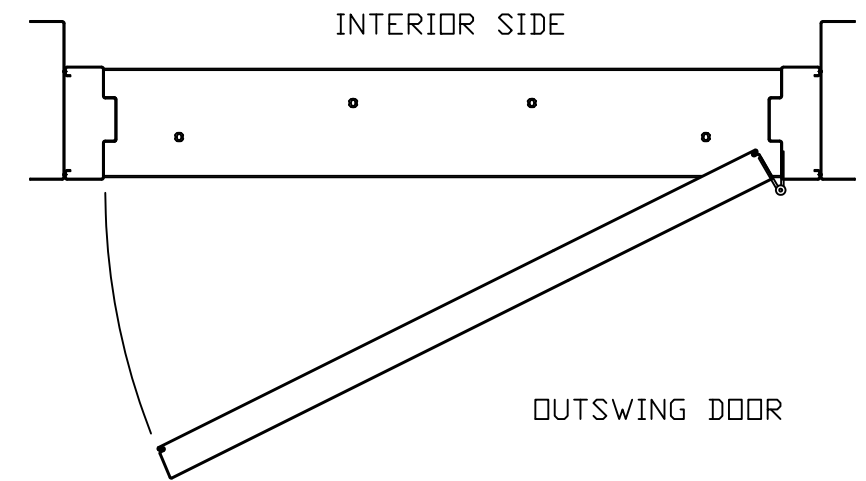
STEELCRAFT FAS-SEAL DOOR SWEEP OR NGP 331 DOOR SWEEP



DETAIL A
THRESHOLD PROFILE



R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/08/19	
B	2020 FBC UPDATE	07/16/20	

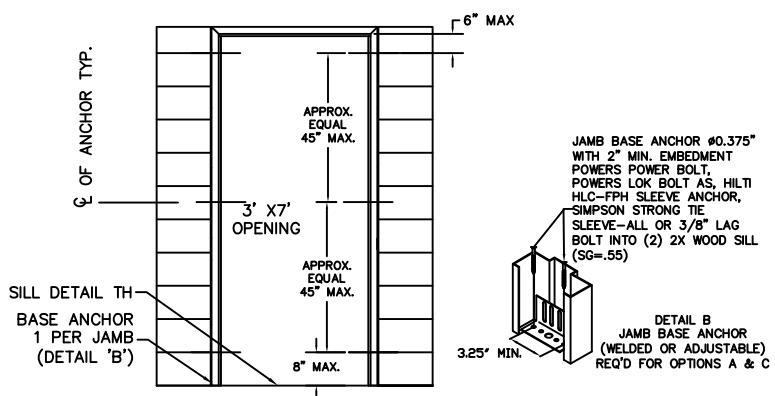


NOTES:

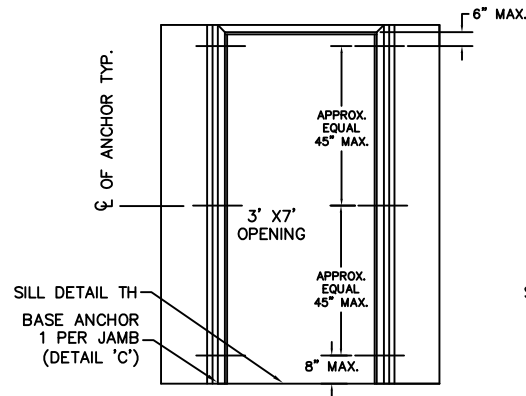
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73 73 DUROMETER - SHORE A SCALE

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOOOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE FLORIDA BUILDING CODE PRODUCT APPROVAL			
DRAWN JPD	DATE 05/20/14	DOOR ACCESSORIES BOTTOM SWEEP THRESHOLD AND WEATHERSTRIPPING			
CHECKED		SIZE	FLAT	DWG NO. 1035W-1	REV B
APPROVED		SCALE: NTS		SHT 8 OF 9	
ENG. APPVL		AUTOCAD		FL4031	

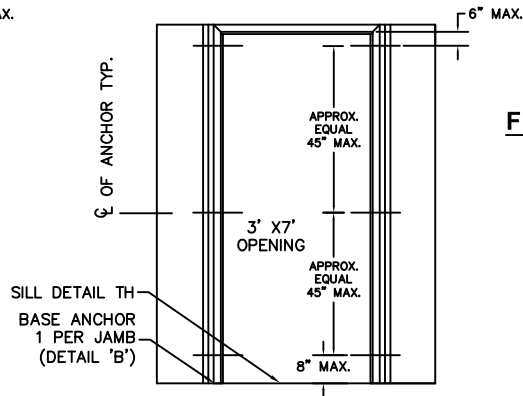
A MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL



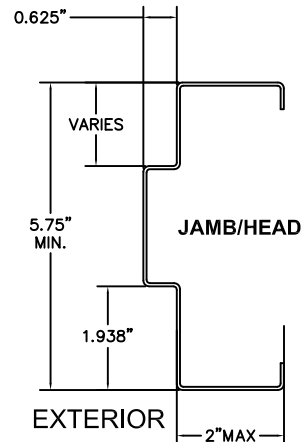
B WOOD STUD ANCHOR



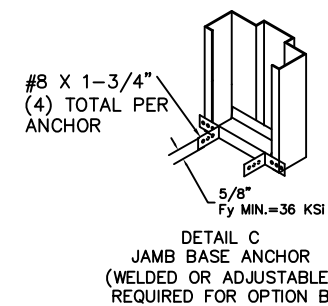
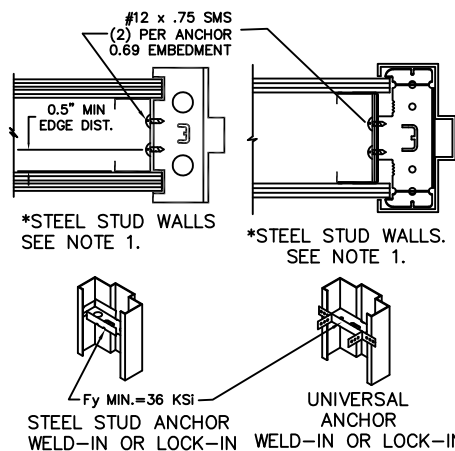
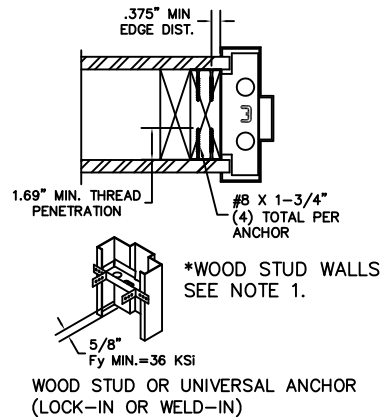
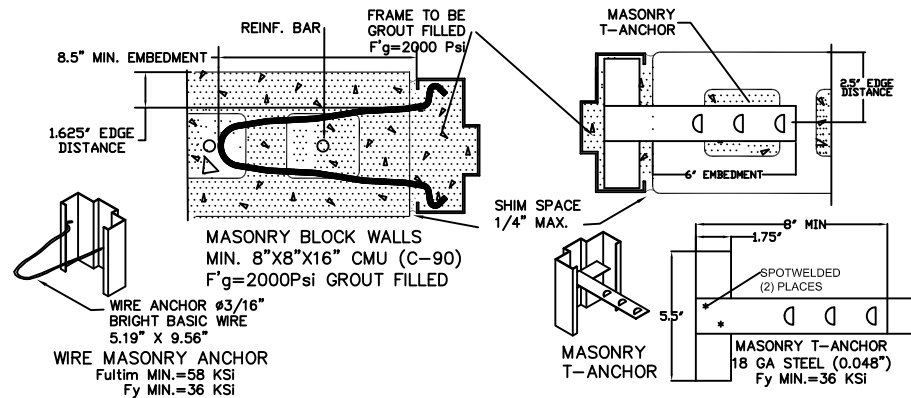
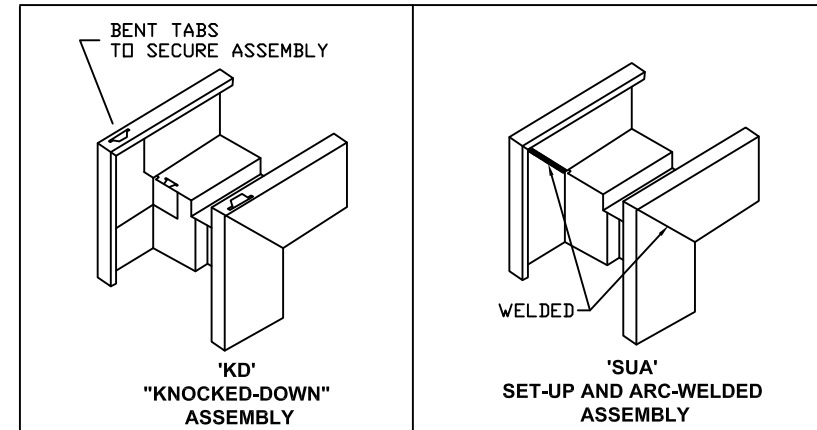
C STEEL STUD ANCHOR



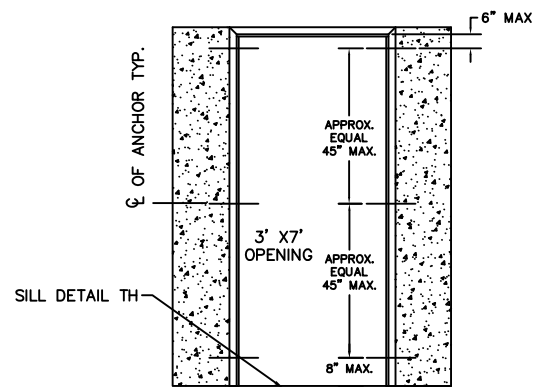
F SERIES FRAME PROFILE DOUBLE RABBIT



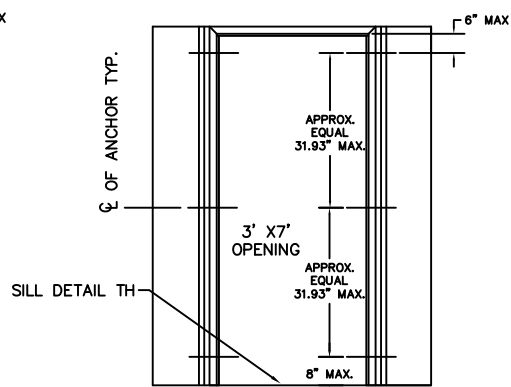
F SERIES FRAME CORNER CONSTRUCTION



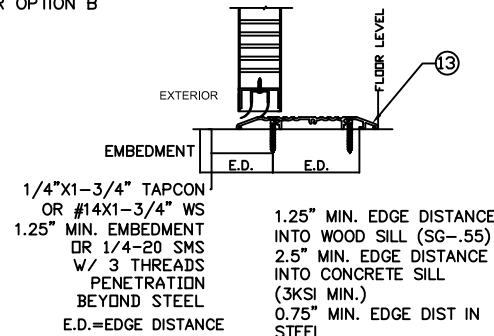
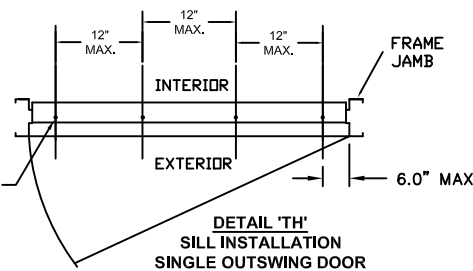
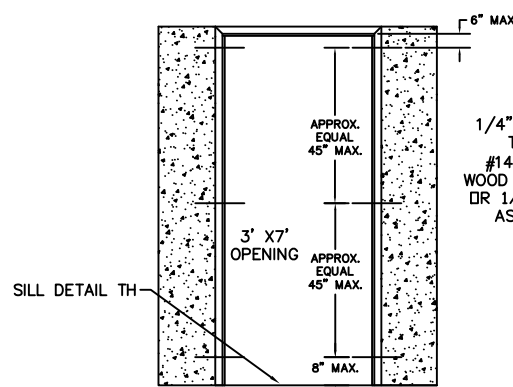
D EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU



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

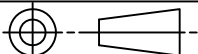


F POURED CONCRETE TILT UP WALL CONSTRUCTION



NOTES:

1. WOOD OR STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY THE APPROPRIATE LOAD DESIGN 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. FOR OPENINGS CONSISTING OF MULTIPLE SUBSTRATES, USE ANCHORS APPROPRIATE FOR SUBSTRATE CONDITIONS AT EACH ANCHOR LOCATION. AS INDICATED ON ELEVATIONS, A MINIMUM OF THREE ANCHORS SHALL BE USED PER JAMB.

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC / EXPIDOOOR 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
					
THIRD ANGLE PROJECTION		TITLE FBC APPROVAL			
DRAWN YMF	DATE 02.08.19	ANCHOR DETAILS / MOUNTING CONDITIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 1035W-1 SHEET 9 OF 9	REV B
ENG. APPVL		SCALE:	NTS	AUTOCAD	FL4031

