

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET
THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

SERIES-8080F
OUT-SWING COMMERCIAL STEEL ENTRANCE DOOR

SEE SHEET 10 FOR VARIOUS FRAME PROFILE OPTIONS.
(SEE MAX. SIZE ON THIS SHEET).
FRAME JAMB TRIM (WIDTH) = 1-1/4" TO 2"
FRAME JAMB DEPTH = 3" TO 8-3/4"
FRAME HEAD TRIM (WIDTH) = 1-1/4" TO 4"

DOORS WITH THRESHOLD TYPE B ARE APPROVED FOR INSTALLATION
WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
DOORS WITH THRESHOLD TYPE B1 ARE APPROVED FOR INSTALLATION
WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

DOOR COMPONENTS EVALUATED BY AN APPROVED PRODUCT EVALUATION ENTITY,
CERTIFICATION AGENCY, TESTING LABORATORY OR ENGINEER MAY BE
INTERCHANGEABLE IN DOOR ASSEMBLY PROVIDED THAT THE DOOR COMPONENTS
PROVIDE EQUAL OR GREATER STRUCTURAL PERFORMANCE AS DEMONSTRATED BY
ACCEPTABLE ENGINEERING PRACTICES.
PROVIDED THAT THIS DOOR CAN ACCEPT THE ALTERNATE HARDWARE WITHOUT
ALTERATION AND THIS DOOR MEETS THE MINIMUM CRITERIA OF HARDWARE APPROVAL,
IF ANY.
LOWER DESIGN LOADS FROM COMPONENT APPROVAL AND DOOR APPROVAL SHALL APPLY.

DESCRIPTION OF TESTS:
LARGE MISSILE IMPACT TEST, ASTM E1996.
CYCLIC WIND PRESSURE TEST, ASTM E1886.
STATIC AIR PRESSURE TEST, ASTM E330.
AIR INFILTRATION TEST, ASTM E283
WATER INFILTRATION TEST, ASTM E331
FORCED ENTRY TEST, AAMA 1304

MAXIMUM DESIGN LOAD RATING = + 75.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 75.0 PSF
AS LIMITED BY CODE

NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

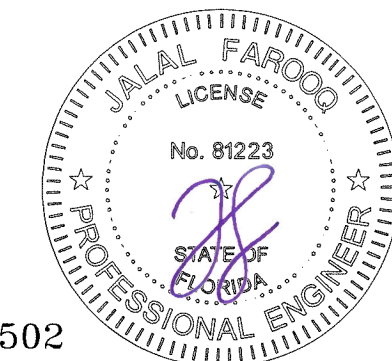
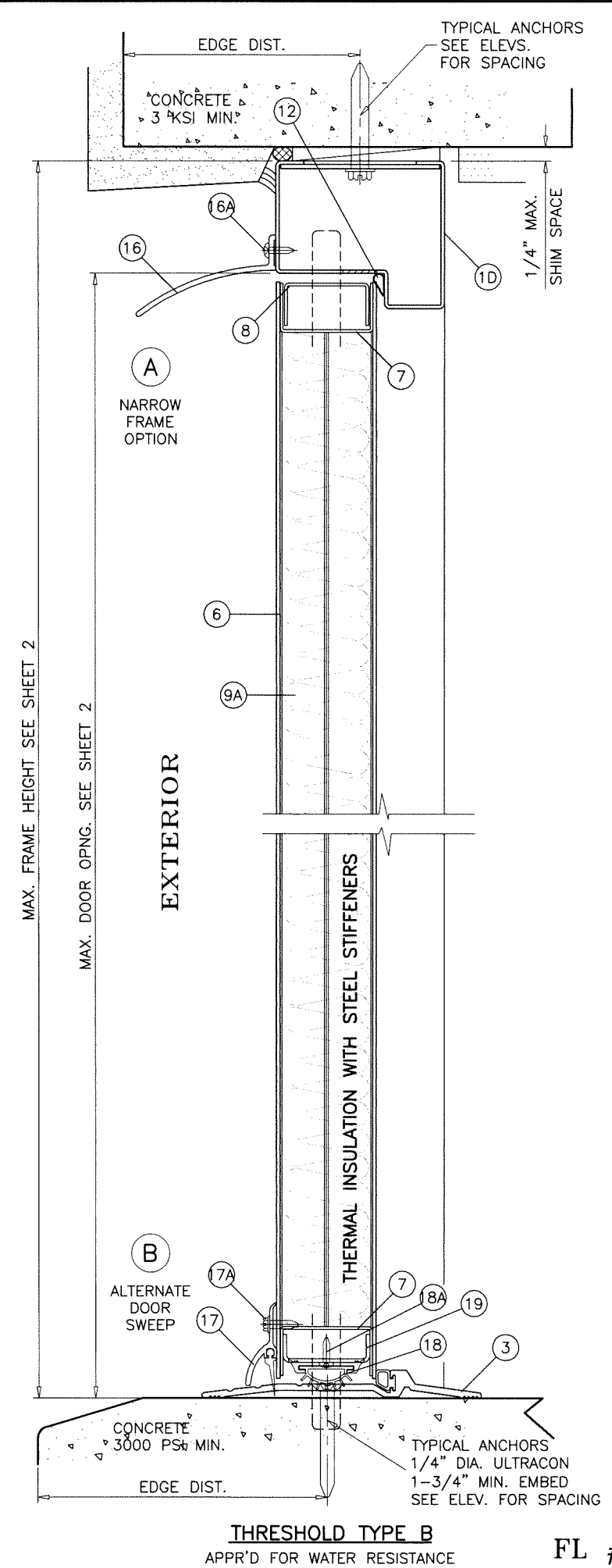
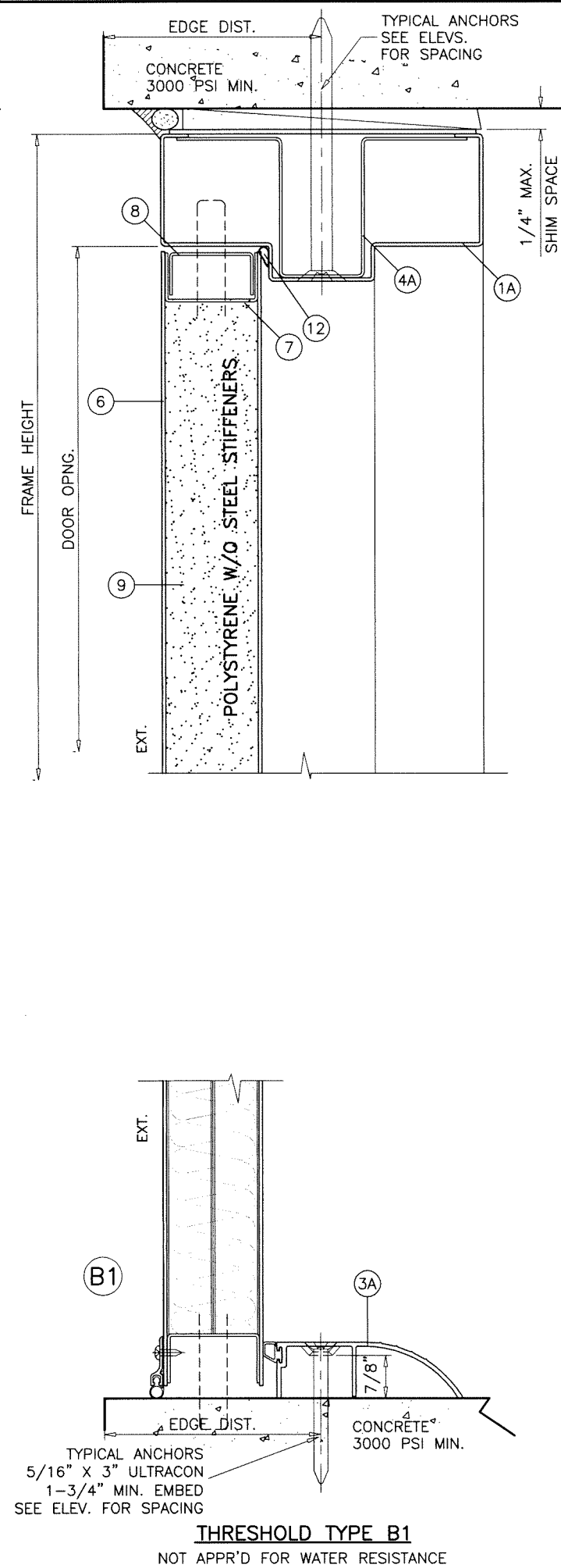
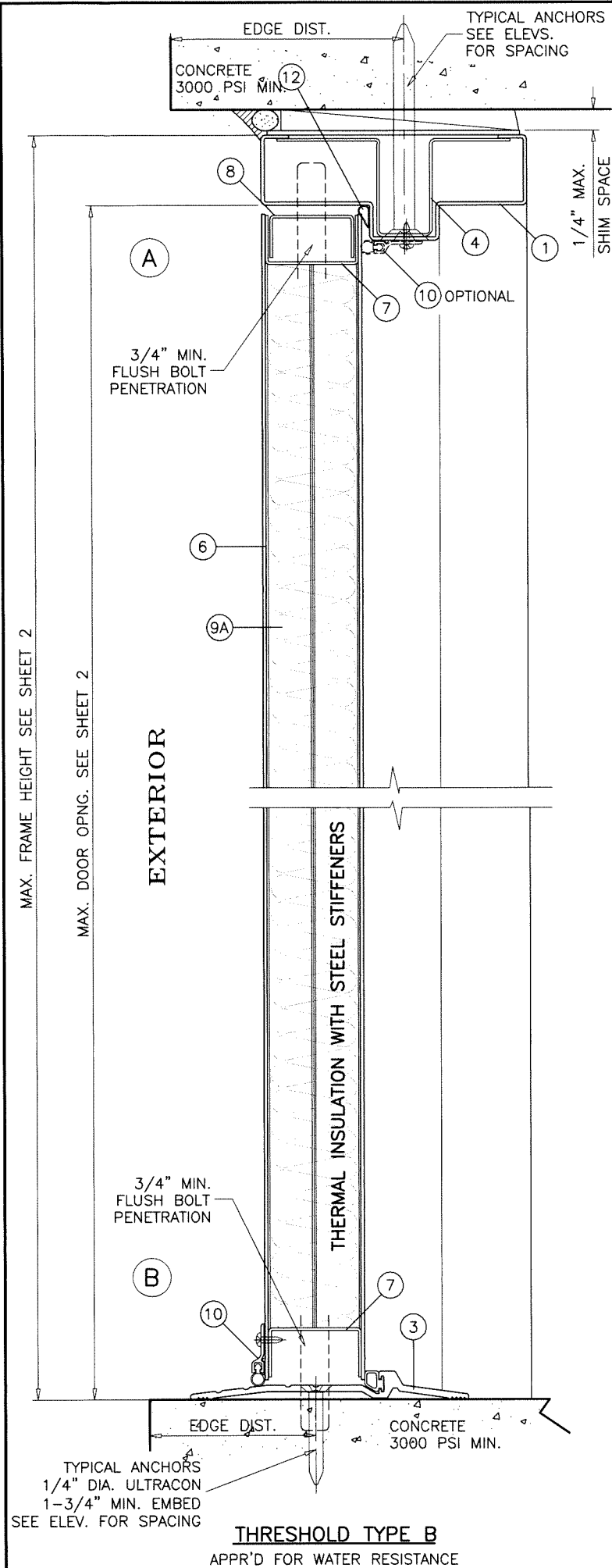
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FL #29502

A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEViate FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.
D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 COMP-ANL \ 19-12F-NDC			
S-8080F OUT-SWING STEEL ENTRANCE DOOR			
Next Door Company 4005 E 10th Court Hialeah, FL. 33013 Tel. (954) 772-6666 Fax. (954) 772-8466			
revisions:			
no	date	by	description
A	08.12.20		UPDATED TO 2020 FBC
B	04.27.21		MANUF. ADDRESS REV.
C	08.30.23		UPDATED TO 2023 FBC
date:	02-22-19		
scale:	1/2"=1'-0"		
dr. by:	TARIQ		
chk. by:			
drawing no.	19-12F		
sheet	1 of 11		



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revisions:

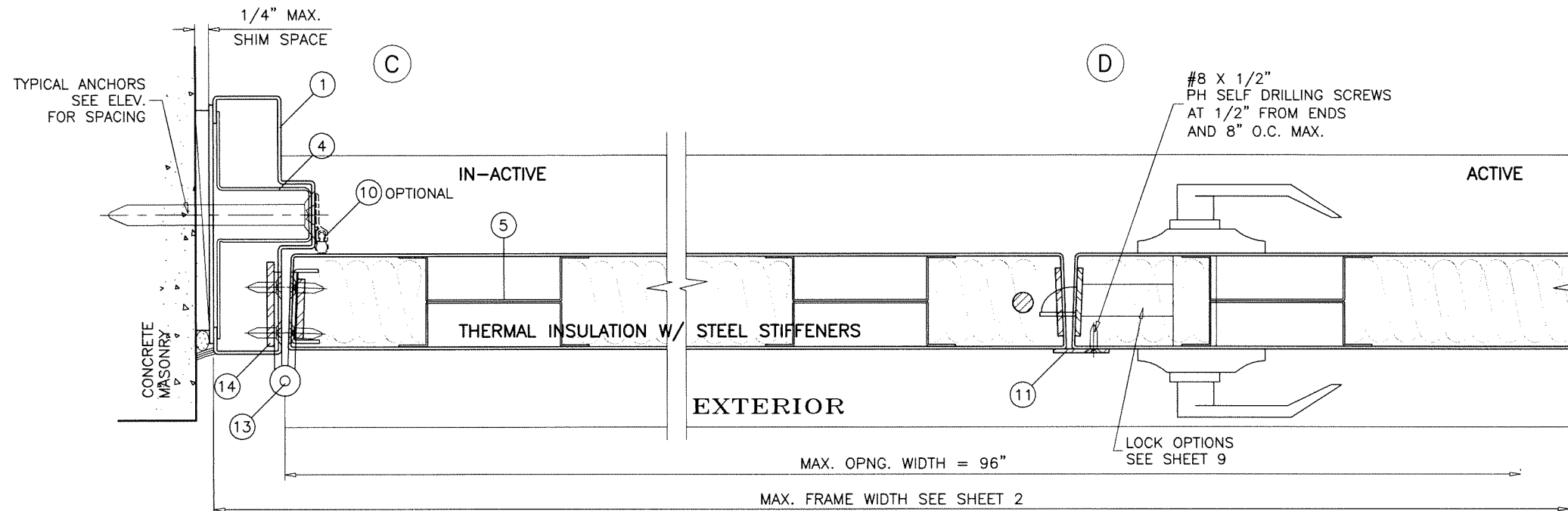
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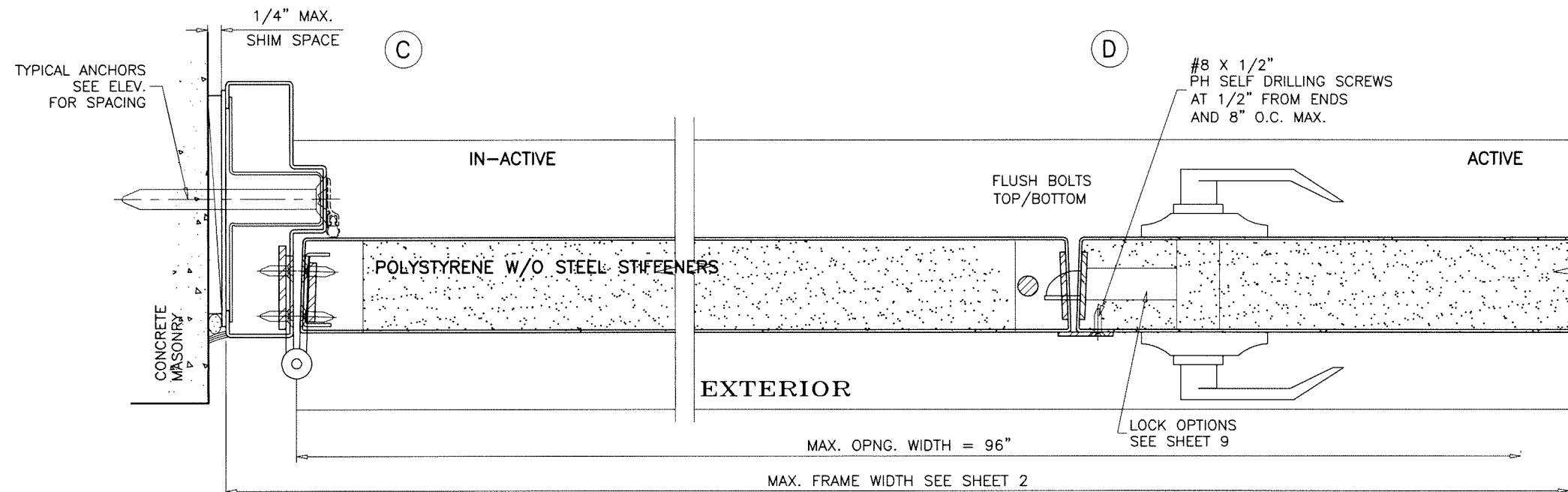
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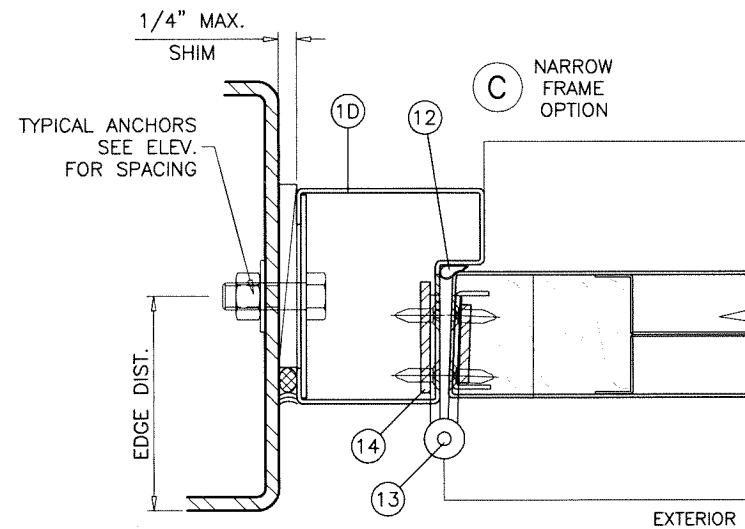
FL #29502



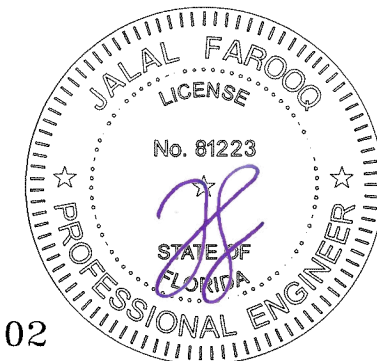
LOCK OPTION #1



LOCK OPTION #1



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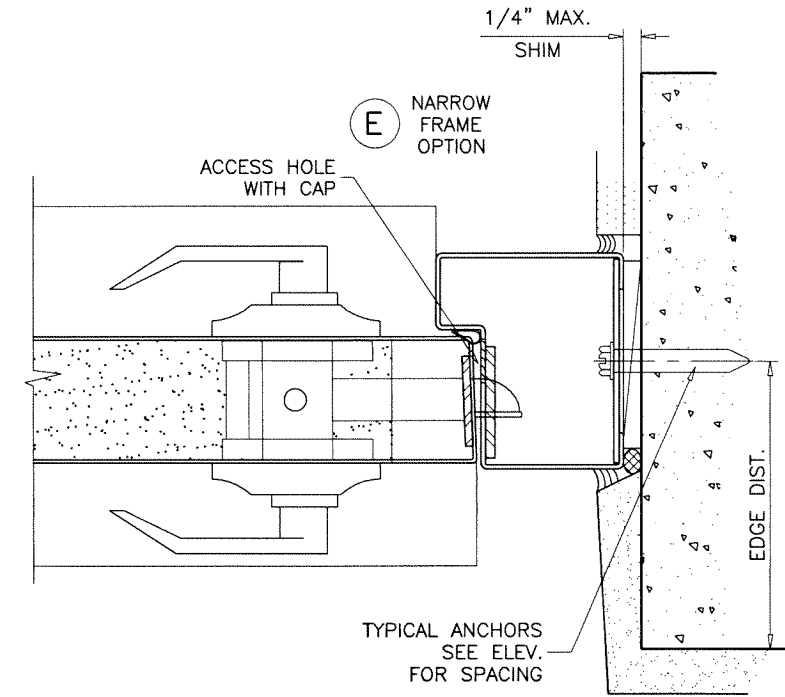
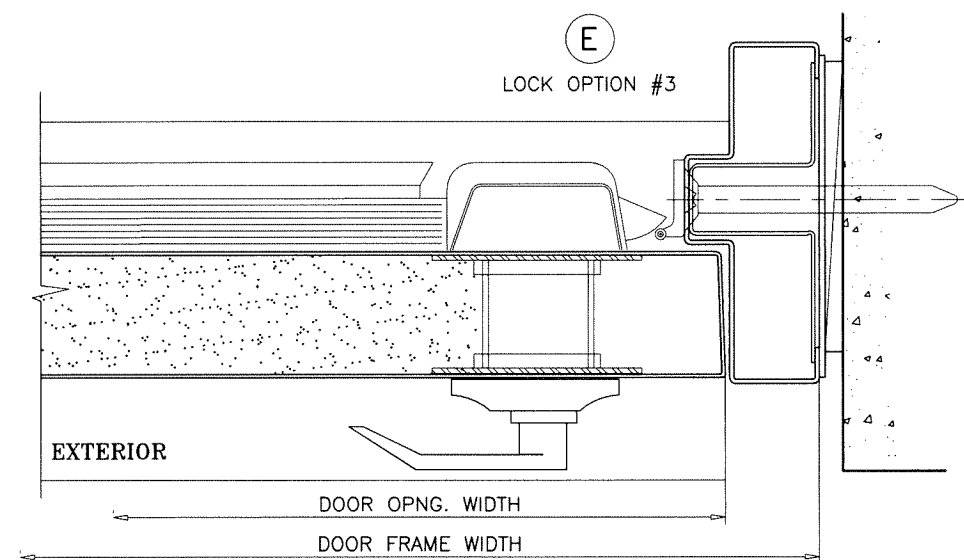
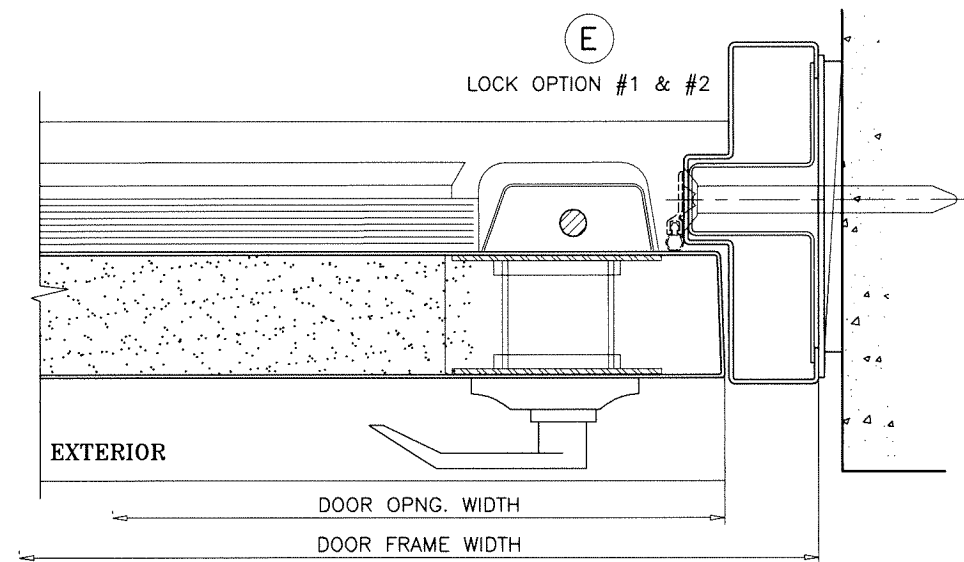
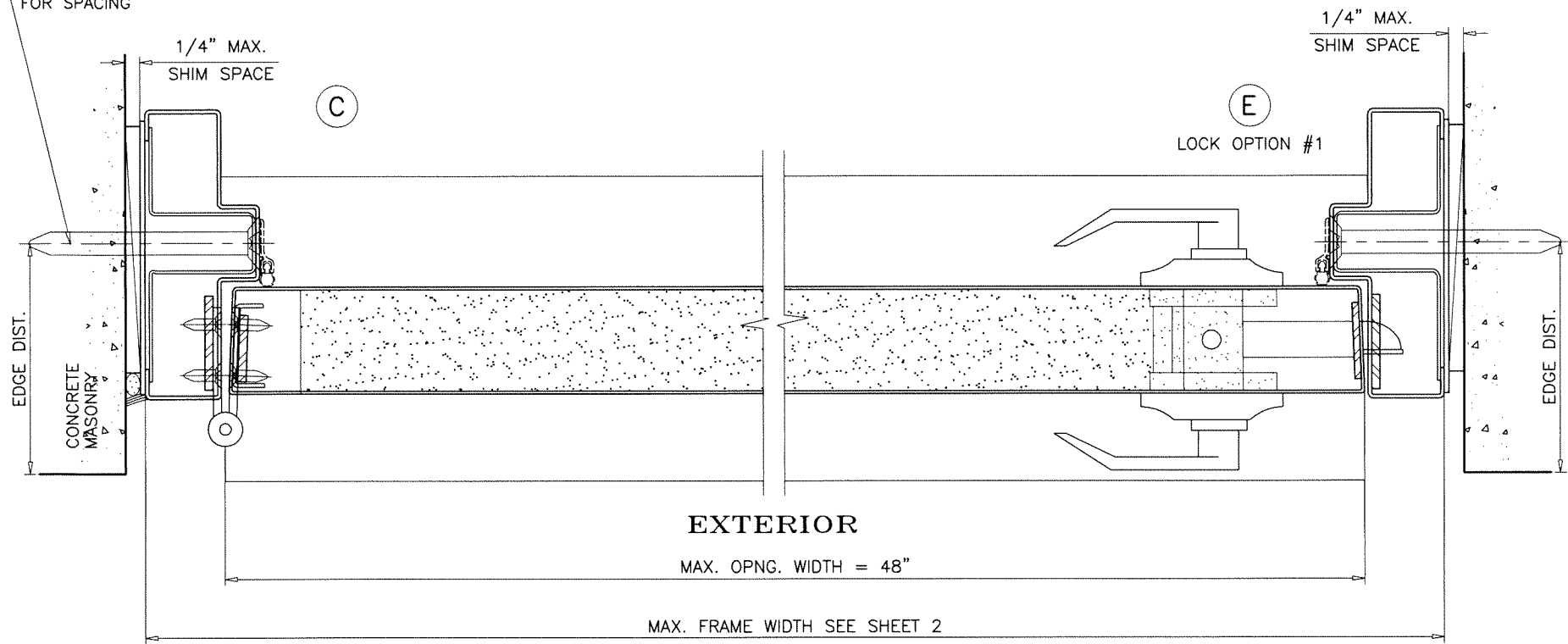
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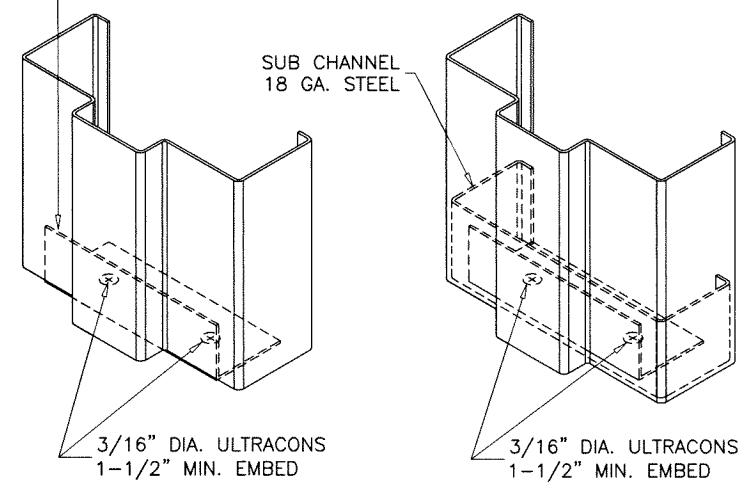
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TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



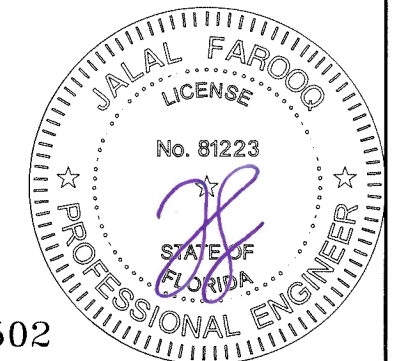
1-3/8" X 1-3/4" X .053" THK.
STEEL/ST. STEEL ANGLE, 4-1/2" LONG
WELDED TO FRAME JAMBS



BOTTOM CORNER ANCHORS DETAIL

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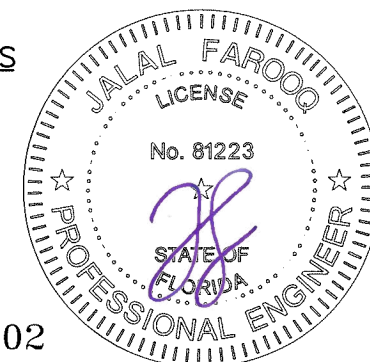
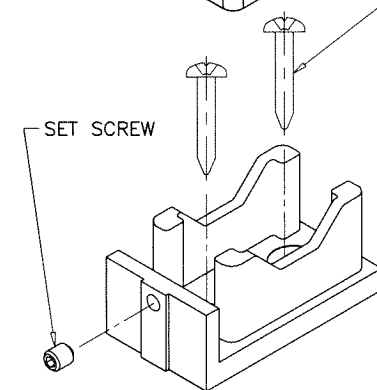
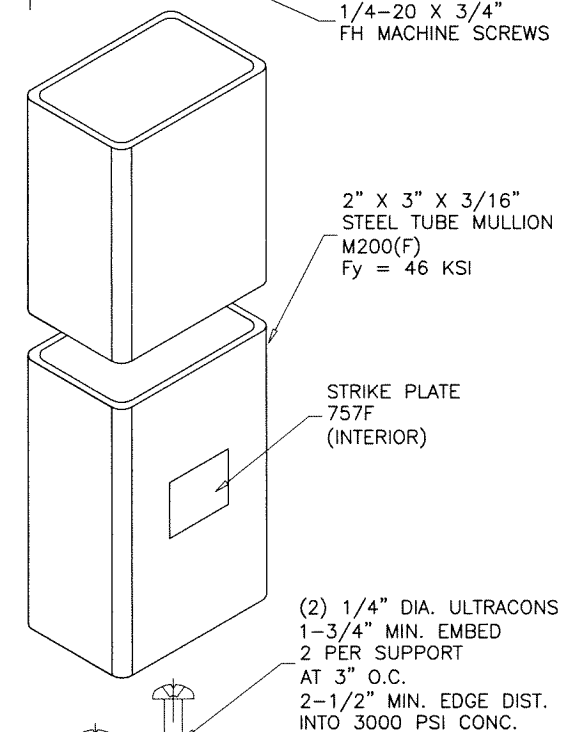
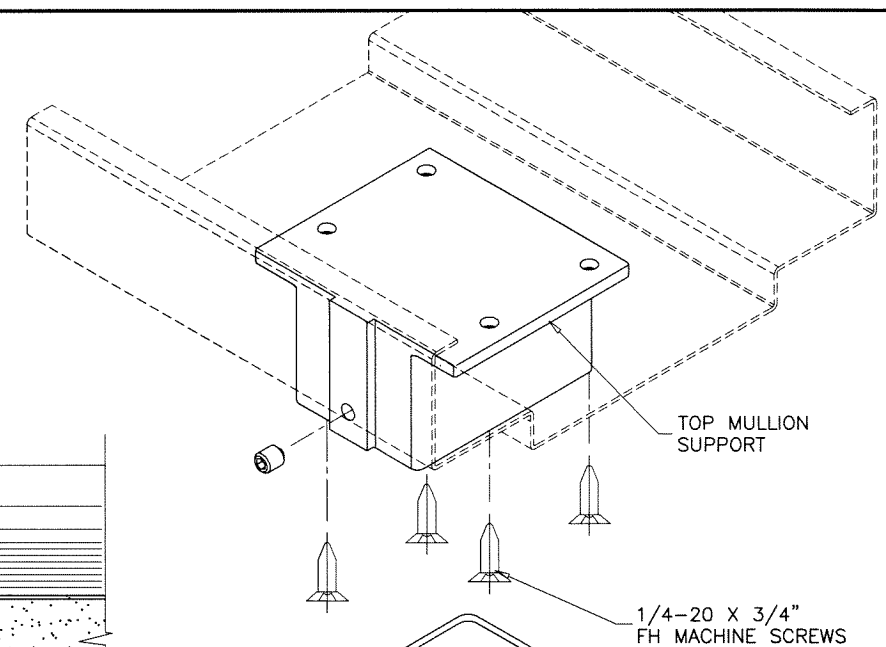
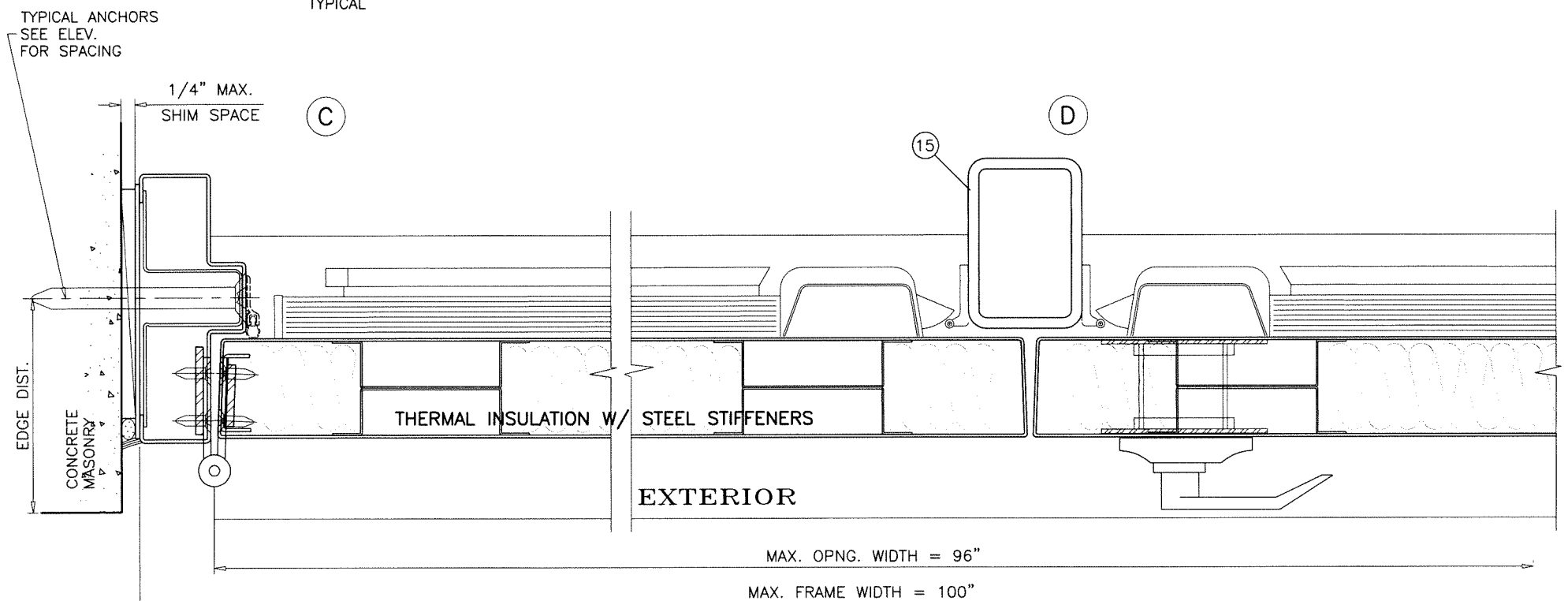
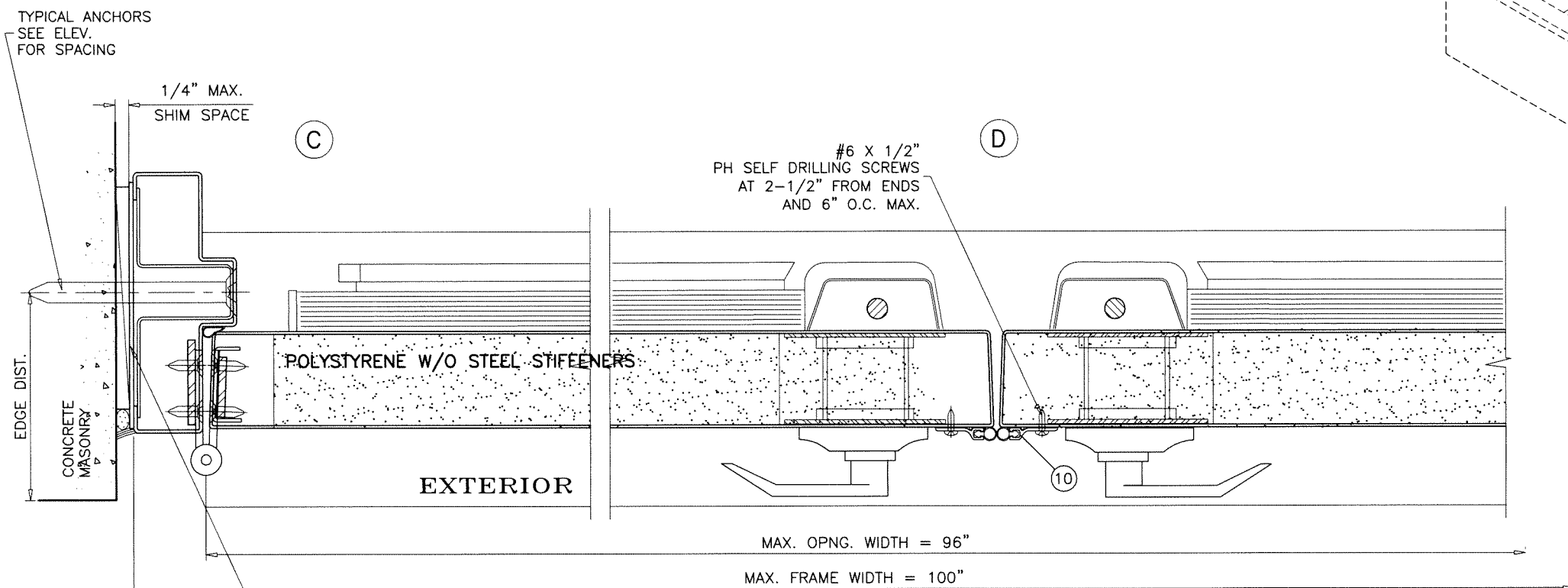
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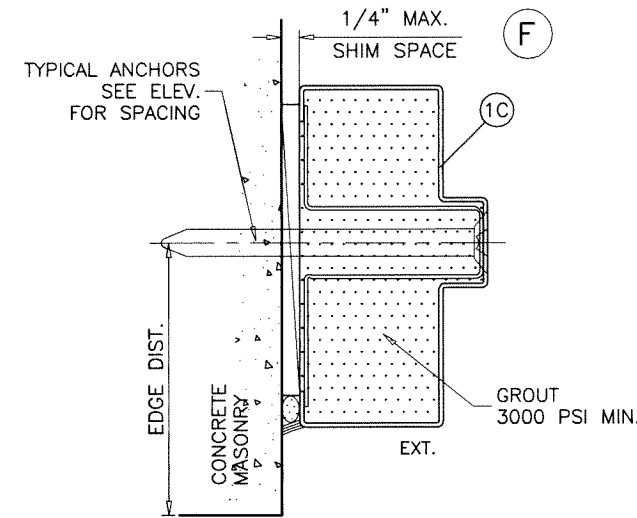
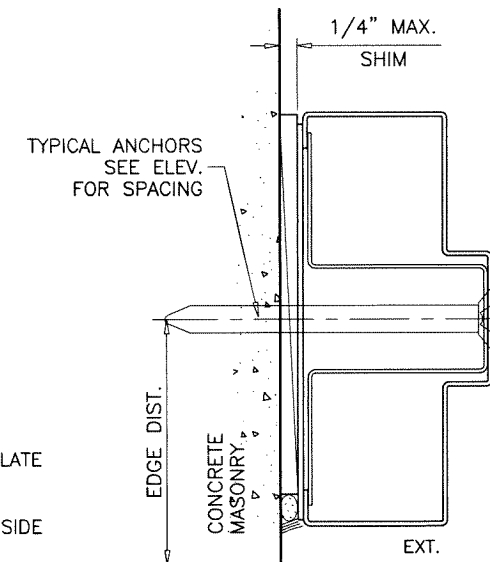
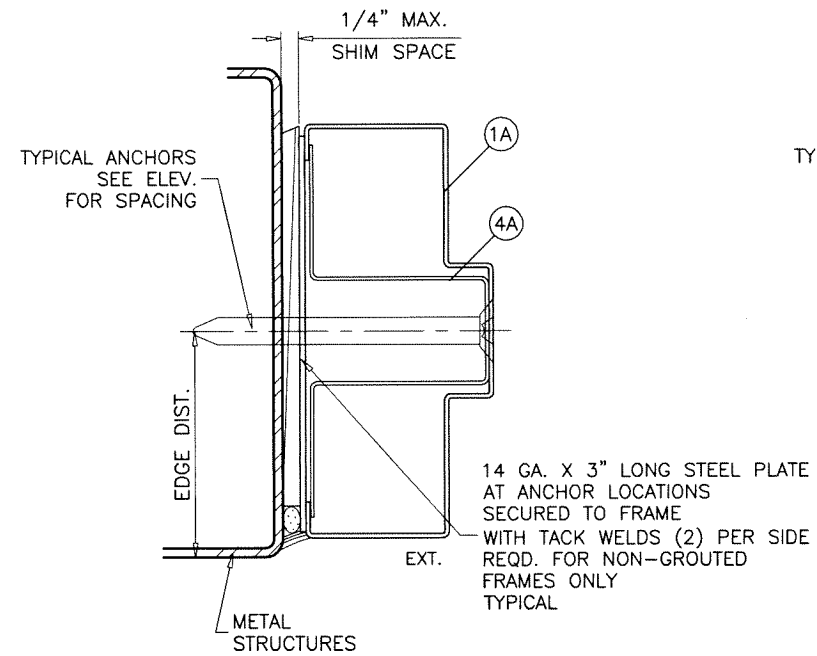
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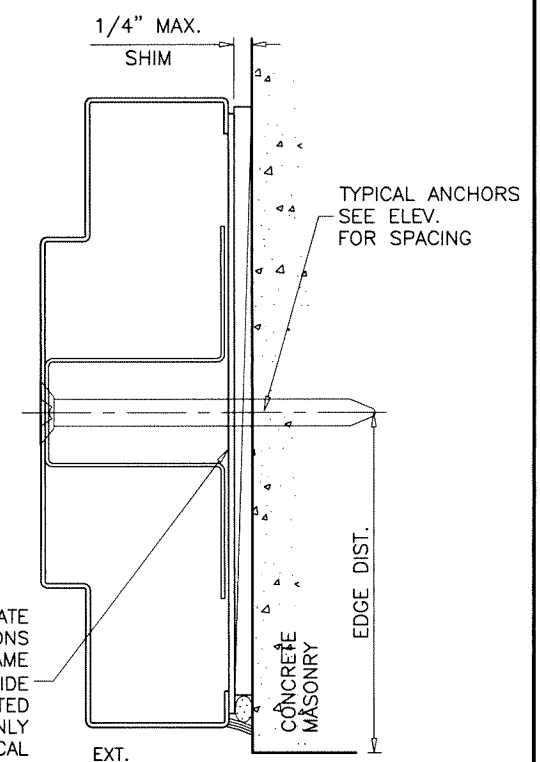
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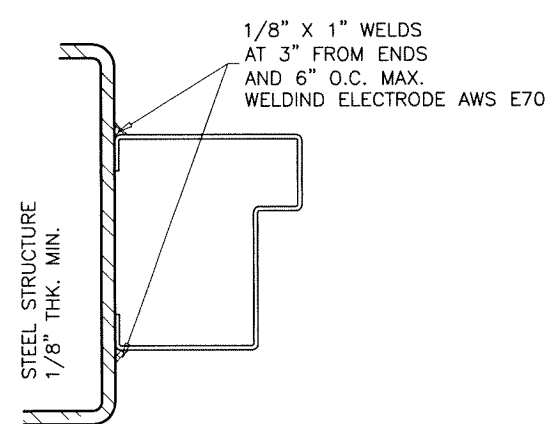
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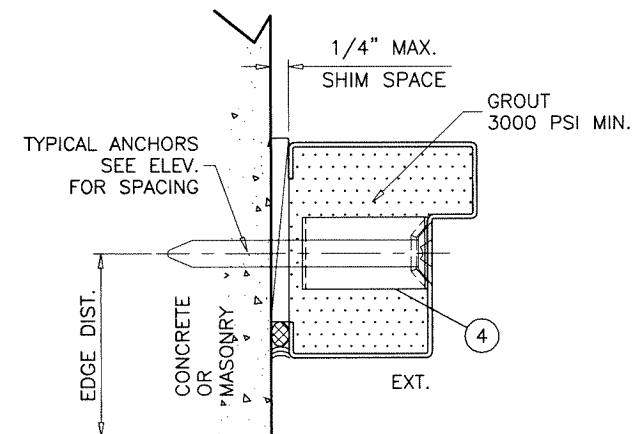
GROUT FILLED JAMBS OPTION
ANCHOR PLATES NOT REQUIRED FOR GROUTED FRAMES



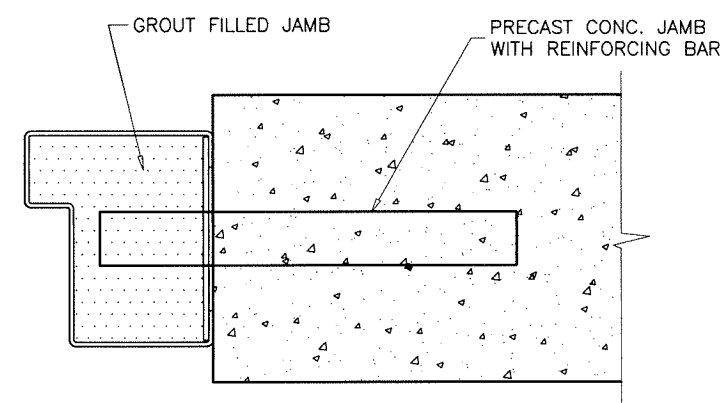
14 GA. X 3" LONG STEEL PLATE AT ANCHOR LOCATIONS SECURED TO FRAME WITH TACK WELDS (2) PER SIDE REQD. FOR NON-GROUTED FRAMES ONLY TYPICAL



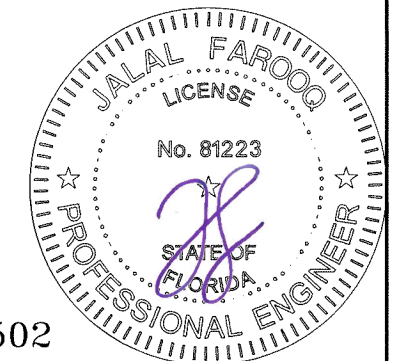
WELDED HEAD/JAMB INSTALLATION
ALT. TO FRAME ANCHORS



GROUT FILLED JAMBS OPTION
STEEL PLATES NOT REQUIRED FOR GROUTED FRAMES



GROUT FILLED HEAD/JAMB INSTALLATION
ALT. TO FRAME ANCHORS
NOT PART OF THIS SUBMITTAL TO BE CHECKED ON JOB TO JOB BASIS



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DETAILS SHOWN FOR NARROW FRAMES CAN BE USED FOR ALL OTHER FRAMES

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HINGES:

STEEL MORTISE HINGES
(1) AT 7-1/4"±3" FROM DOOR OPNG. HT. TO CL OF HINGE
(1) AT 12-1/4"±3" FROM BOTTOM TO CL OF HINGE
(1) EQUALLY SPACED FROM TOP & BOTTOM HINGES FOR DOORS UPTO 7 FT. HEIGHT.
(2) INTERMEDIATE HINGES SPACED AT 25-1/2" O.C. FOR DOORS ABOVE 7 FT. HEIGHT
HINGES FASTENED WITH #12-24 X 1/2" FH MACHINE SCREWS FOUR PER HASP(LEAF).

LOCK OPTIONS:

ACTIVE LEAF:

'YALE' 8800 SERIES SURFACE MOUNT MORTISE LOCK WITH A DEAD BOLT FUNCTION, FASTENED WITH (2) #6 X 3/8" PH SELF DRILLING SCREWS. 4-7/8" LONG STEEL STRIKE PLATE AT 38" FROM BOTTOM, FASTENED TO INACTIVE LEAF WITH (2) #12 X 1" FH SMS

INACTIVE LEAF

'MCKINNEY FB01M' MANUALLY OPERATED FLUSHBOLTS AT 12" FROM EACH END OF LEAF FASTENED WITH (4) #8-32 X 3/4" FH MACHINE SCREWS STEEL STRIKE PLATES FASTENED TO HEAD AND SILL WITH (2) #8 X 3/4" PH SELF DRILLING SCREWS

NOTE: TOP AND BOTTOM FLUSH BOLTS MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.

ACTIVE/INACTIVE LEAF:

OPTION #1: (DORMA PANIC W/ SURFACE VERTICAL RODS)

'DORMA 9400 SERIES' SURFACE VERTICAL ROD PANIC DEVICE ON INTERIOR AT 40" FROM BOTTOM. FASTENED WITH (2) #1/4-20 X 1" PH MACHINE SCREWS AT LOCK AND HINGE STILES
1-5/8" LONG STEEL STRIKE PLATES AT HEAD FASTENED TO FRAME WITH (2) #10 X 1" FH SELF DRILLING SCREWS

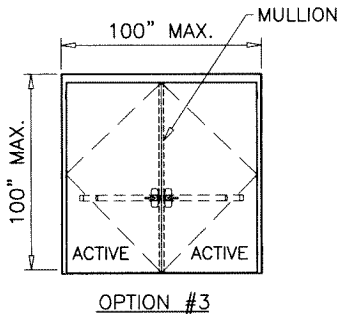
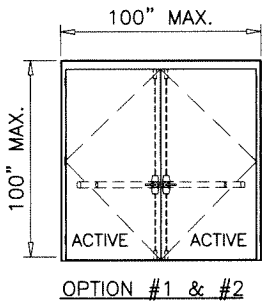
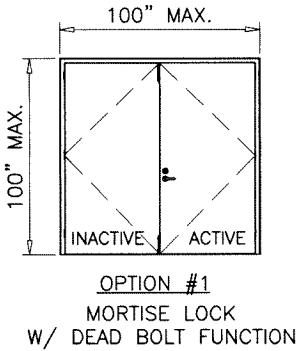
ST. STEEL LEVER TYPE HANDLE, KEY OPERATED ON EXTERIOR OF ACTIVE LEAF AT 40" FROM BOTTOM.

OPTION #2: (YALE PANIC W/ SURFACE VERTICAL RODS)

'YALE' 7110 SURFACE VERTICAL ROD PANIC DEVICE ON INTERIOR ST. STEEL LEVER TYPE HANDLE WITH KEY OPERATED ON EXTERIOR AT 40" FROM BOTTOM. FASTENED WITH (2) #1/4-20 X 1" PH MACHINE SCREWS AT LOCK AND HINGE STILES
1-5/8" LONG STEEL STRIKE PLATES AT HEAD FASTENED TO FRAME WITH (2) #10 X 1" FH SELF DRILLING SCREWS

OPTION #3: (YALE RIM PANIC W/ YALE M100 MULLION)

'YALE' 7100 RIM EXITS PANIC DEVICE ON INTERIOR ST. STEEL LEVER TYPE HANDLE WITH KEY OPERATED ON EXTERIOR AT 40" FROM BOTTOM. FASTENED WITH (2) #1/4-20 X 1" PH MACHINE SCREWS 3-1/2" LONG STEEL STRIKE PLATE AT 40" FROM BOTTOM FASTENED WITH (2) 1/4-20 X 1" PH MS AND (2) #10-24 X 1" PH MACINE SCREWS



ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	FRAME HEAD/JAMB (4-3/4" X 1-1/4")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI
1A	-	AS REQD.	FRAME HEAD/JAMB (5-3/4" X 2")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI
1B	-	AS REQD.	FRAME HEAD/JAMB (8-3/4" X 4")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI
1C	-	AS REQD.	FRAME HEAD/JAMB (4-3/4" X 2")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI
1D	-	AS REQD.	NARROW FRAME HEAD/JAMB (3" X 2")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI
2	-	AS REQD.	FRAME JAMB (8-3/4" X 2")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI
3	2005AT	1	THRESHOLD TYPE B	ALUMINUM	PEMKO
3A	2051AT	1	THRESHOLD TYPE B1	ALUMINUM	PEMKO
4	-	AS REQD.	BOLT SPACER (1-1/4" FRAME)	STEEL/ST. STL.	18 GA.
4A	-	AS REQD.	BOLT SPACER (2" FRAME)	STEEL/ST. STL.	18 GA.
4B	-	AS REQD.	BOLT SPACER (4" FRAME)	STEEL/ST. STL.	18 GA.
4C	-	AS REQD.	NARROW BOLT SPACER (2" FRAME)	STEEL/ST. STL.	18 GA. (.042")
5	-	8/	LEAF HAT STIFFENER IN PAIRS (4 ROWS VERTICAL)	STEEL/ST. STL.	22 GA.
6	-	-	DOOR LEAF	STEEL/ST. STL.	18 GA.(.042") MIN. Fy = 52.0 KSI
7	-	2/	LEAF TOP AND BOTTOM RAIL CHANNEL (FULL LENGTH)	STEEL/ST. STL.	7/8 X 1-21/32 X 7/8 X 14 GA.
8	-	1/	LEAF TOP RAIL CAP (FULL LENGTH)	STEEL/ST. STL.	3/4 X 1-1/2 X 3/4 X 16 GA.
9	-	1	POLYSTYRENE	-	CARPENTER
9A	-	1	THERMAL INSULATION	-	OWENS CORNING RA-24 BATT
10	303AV	AS REQD.	W'STRIPPING ADAPTER (OPTIONAL AT HEAD/JAMBS)	-	PEMKO
11	-	-	FLAT BAR ASTRAGAL	STEEL/ST. STL.	14 GA.
12	S88	AS REQD.	FRAME W'STRIPPING	VINYL	PEMKO
13	-	3/	LEAF MORTISE HINGES	STEEL	-
14	-	2/	HINGE HINGE REINFORCEMENT (FRAME/DOOR)	STEEL/ST. STL.	1-1/4" X 10" X 7 GA.
15	M200FWS	AS REQD.	2" X 3" X 3/16" THK. MULLION TUBE	STEEL	YALE
16	346C	1	OVERHEAD RAIN DRIP	ALUMINUM	PEMKO
16A	#8 X 3/4"	1	RAIN DRIP FASTENERS, AT 6" O.C.	-	PH SMS
17	345AV	1	DOOR BOTTOM SWEEP	-	PEMKO
17A	#8 X 3/4"	AS REQD.	DOOR SWEEP FASTENERS, AT 6" O.C.	-	HWH SDS
18	234AV	1	DOOR SHOE W'STRIPPING	-	PEMKO
18A	#8 X 3/4"	AS REQD.	DOOR SHOE FASTENERS, AT 6" O.C.	-	FH SMS
19	-	-	BOTTOM CAP CHANNEL	STEEL/ST. STL.	1/2" X 1-1/2" X 1/2" X .068"

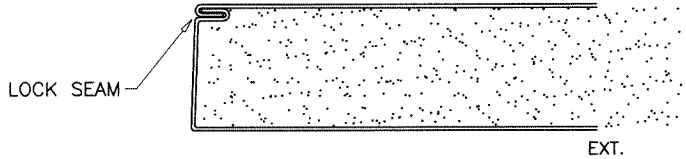
SEALANT:

ALL JOINTS AND CORNERS SEALED WITH SILICONE.

DOOR EDGE CONSTRUCTION OPTIONS:

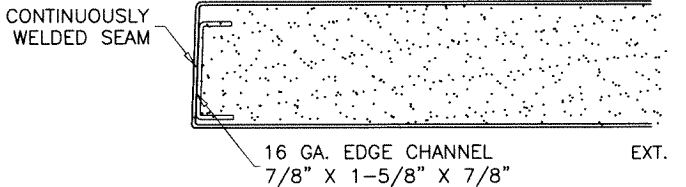
OPTION #1:

LOCK SEAM EDGE CONSTRUCTION



OPTION #2:

BUTT SEAM EDGE CONSTRUCTION



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date: 02-22-19

scale: 3/8" = 1"

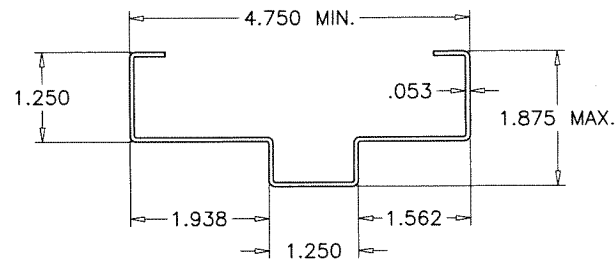
dr. by: TARIQ

chk. by:

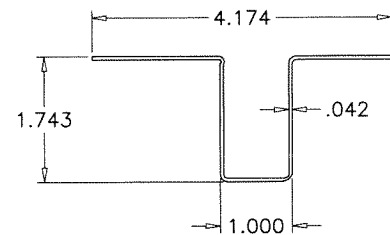
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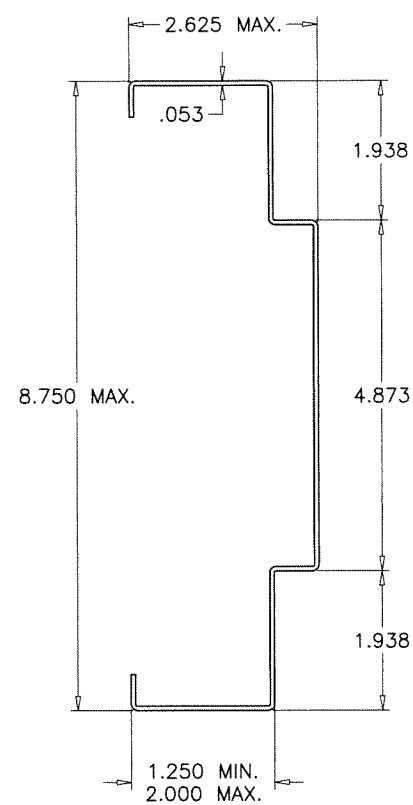
sheet 9 of 11



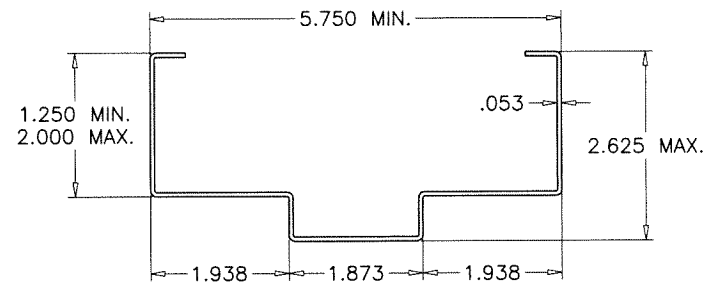
① FRAME HEAD/JAMB



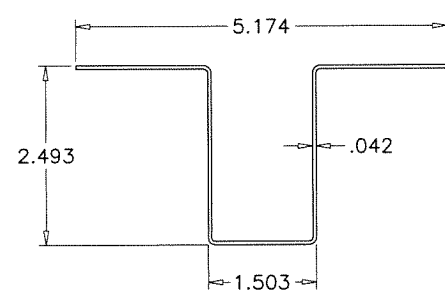
④ BOLT SPACER



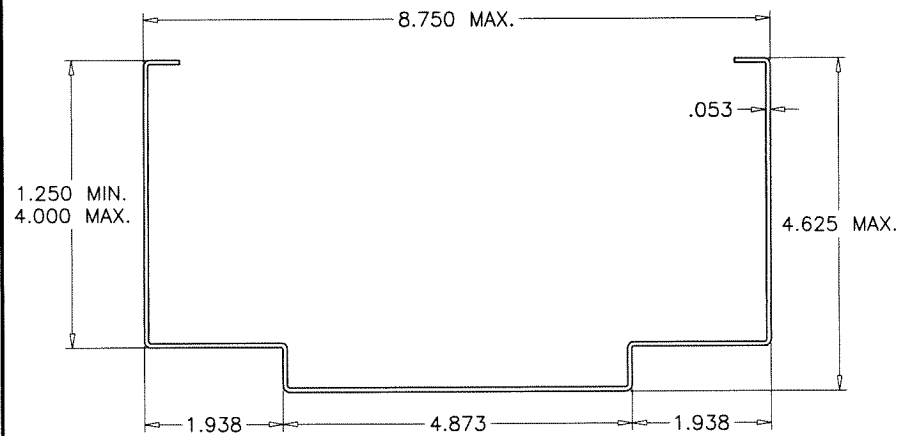
② FRAME JAMB



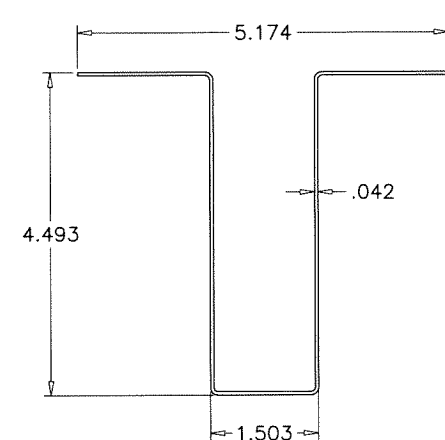
①A FRAME HEAD/JAMB



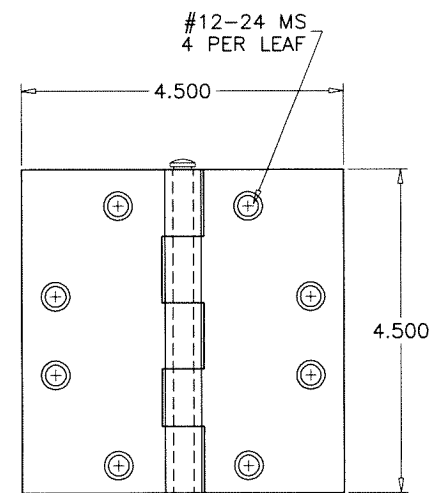
④A BOLT SPACER



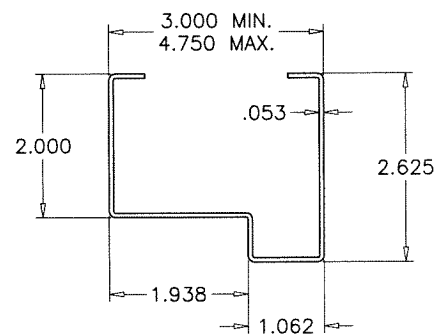
①B FRAME HEAD



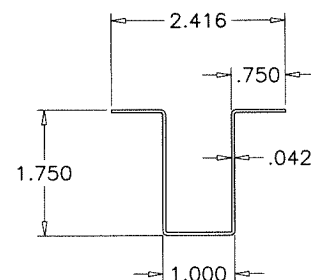
④B BOLT SPACER



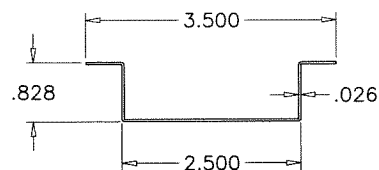
⑬ .134" THICK STEEL HINGE



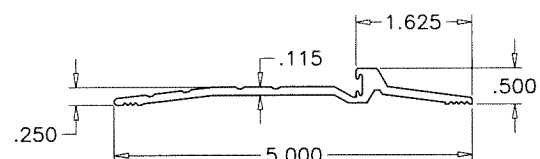
①D NARROW FRAME HEAD/JAMB



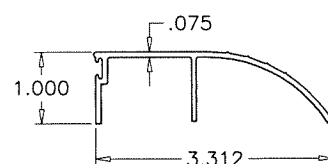
④C NARROW BOLT SPACER



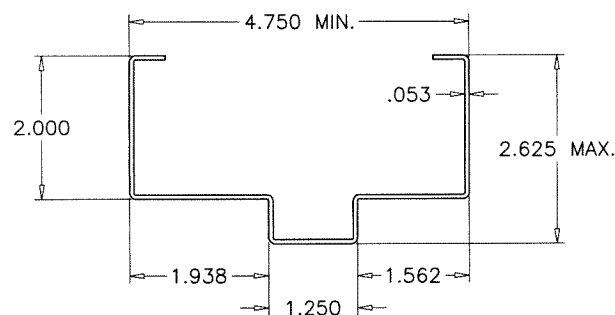
⑤ HAT CHANNEL REINFORCING



③ BUMPER THRESHOLD (TYPE B)

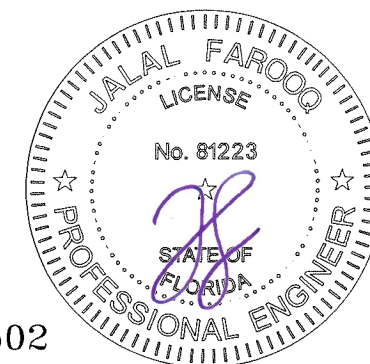


③A BUMPER THRESHOLD (TYPE B1)



①C FRAME HEAD/JAMB (GROUT FILLED)

FL #29502



Sealed: 9/1/2023

S-8080F OUT-SWING STEEL ENTRANCE DOOR

Next Door Company

4005 E 10th Court

Hialeah, FL 33013

Tel. (954) 772-6666

Fax. (954) 772-8466

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

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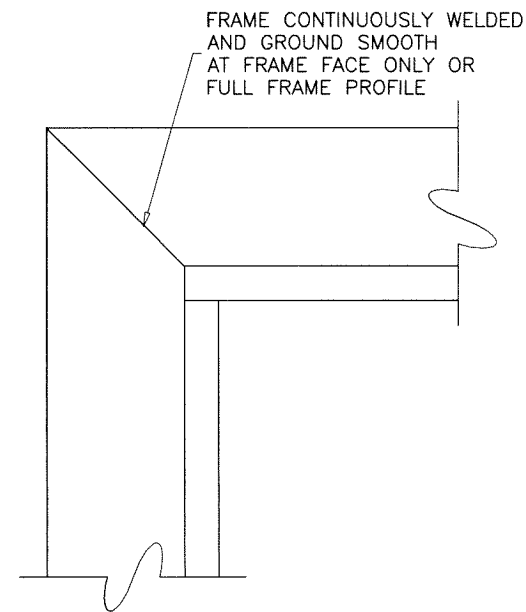
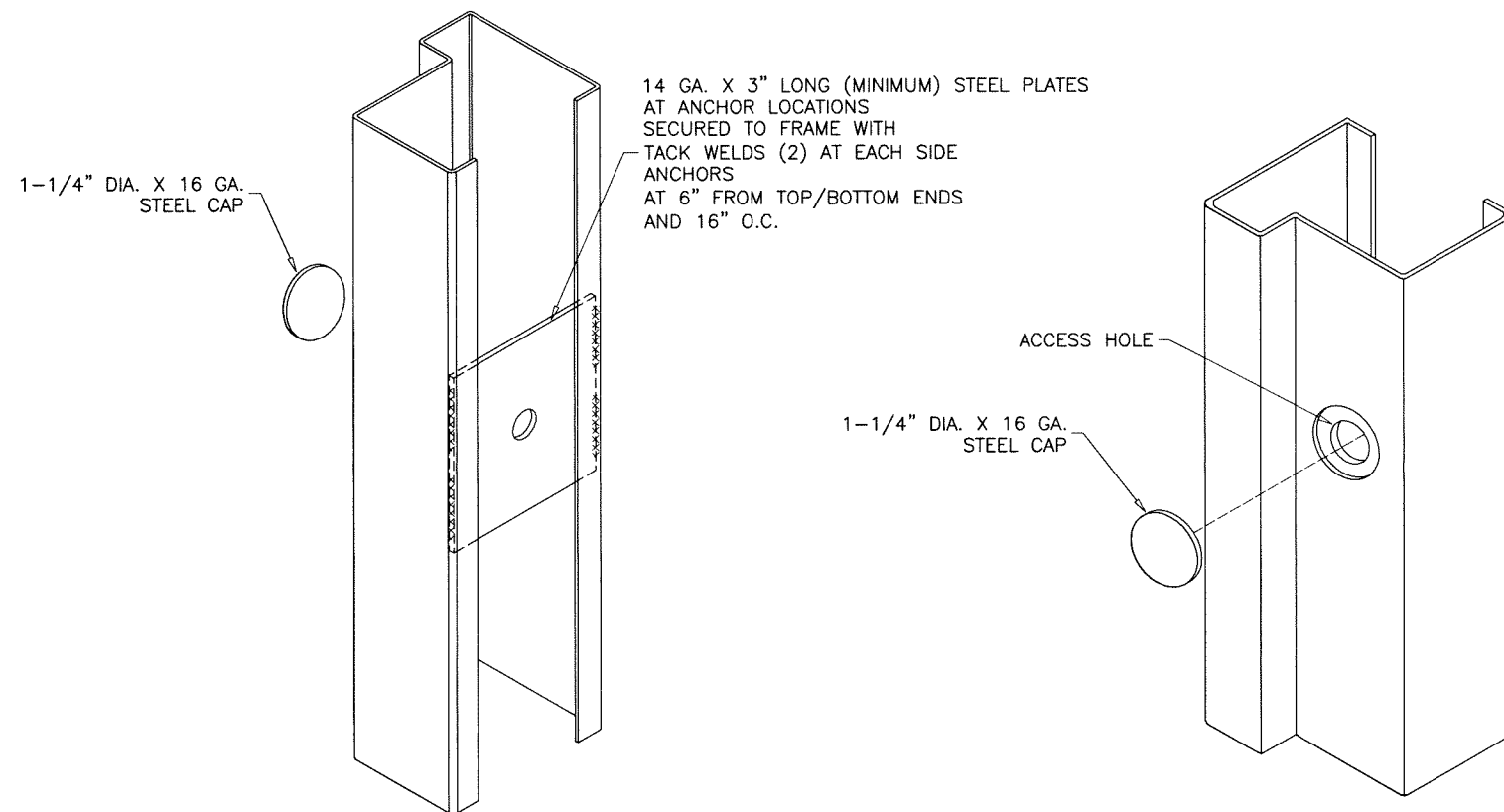
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chk. by:

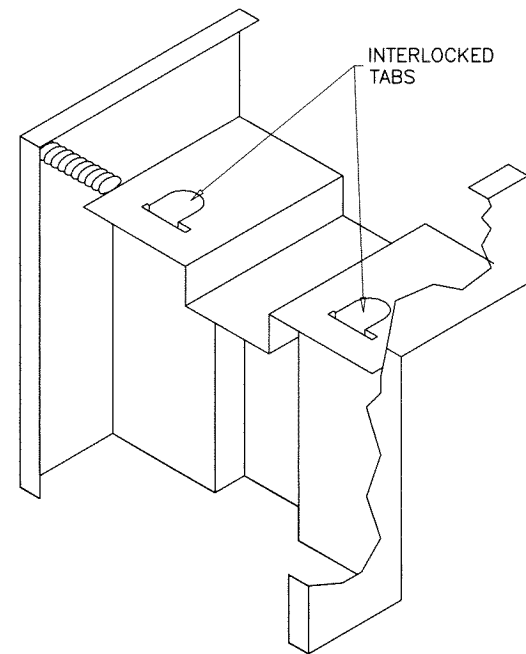
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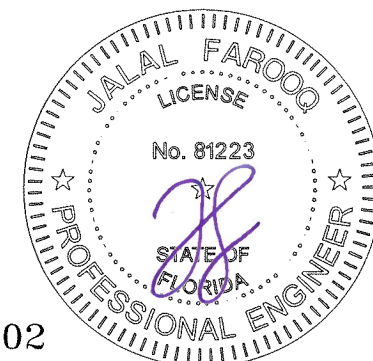
sheet 10 of 11



FRAME CORNERS



Sealed: 9/1/2023



FL #29502

af c
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dr. by:	TARIQ		
chk. by:			
drawing no.	19-12F		
sheet	11 of 11		

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