



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Next Door Company
4005 E. 10th Court
Hialeah, FL 33013

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "S-6070F" Flush Outswing Steel Doors-Impact

APPROVAL DOCUMENT: Drawing No. **W14-41 Rev E** titled "Series "S-6070F" Outswing Steel Entrance Door" Sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 11-24-14 and last revised on 04/30/2021, signed and sealed by Jalal Farooq, P. E. bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitations:

1. All jambs and header to be grout filled with min 3ksi concrete grout.
2. Double door with PHG F9500 Series Rim panic exit device (grade 1) to be used with Philadelphia Hardware (PHG) 9000 series Steel mullion doors with min 3/16" thickness and Fy min=50 ksi strength.
3. Electric function and installation are **not** part of the approval, to be reviewed by AHJ.
4. Applicable Egress requirement and fire rating is **not** part of the approval, to be reviewed by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises** NOA # **20-0910.02** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



Ishaq I. Chanda

NOA No. 21-0504.07
Expiration Date: February 25, 2026
Approval Date: June 03, 2021
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS

1. Manufacturer's die drawings and sections (Submitted under files below)
2. Drawing No. **W14-41 Rev A** titled "S-6070F Out-swing Steel Entrance Door", sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 11-24-14 and last revised on 01/16/16, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #15-0515.04)

1. Test reports on
 - 1) Air Infiltration Test, per FBC TAS 202-94
 - 2) Uniform Static Air Pressure Test Loading per FBCTAS 202-94
 - 3) Water Resistance Test, per FBC TAS 202-94
 - 4) Forced Entry Resistance Test, per FBC TAS 202-94
 - 5) Large Missile Impact Test, FBC TAS 201-94
 - 6) Cyclic Loading Test, per FBC TAS 203-94

along with marked-up drawings and installation diagram of 6070F Outswing Steel Door, by Fenestration Testing Laboratory, Inc., Test Report No. **FTL7524** dated 09/26/14, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor calculations and structural analysis per FBC 2014 95th Edition), prepared by Al-Farooq Corporation, dated 04/27/15 and 01/27/16, signed and sealed by Javad Ahmad, P. E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Tensile Test report No. **FTL 7524**, test sample A-1 & C-1 dated 09/26/14 per ASTM A-370-05 for steel face sheet, prepared by Fenestration Testing lab, signed and sealed by Idalmis Ortega, P.E.
2. Notice of Acceptance No. **07-1107.08** issued to Dyplast Product, LLC (Former Apache Products Company) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/17
3. Test Report No. **3145021COQ-004** and Test Report No. **3145021COQ-005**, both dated March 28, 2008, issued by Intertek. to Next Door Company for "RA-24" Batt Fiberglass Insulation for "Self Ignition Temperature Test" per ASTM E-84-08 for smoke density & Flame spread and Surface Burning Characteristics" per ASTM D-1929 respectively.
4. Test Report No. **3145021COQ-006**, dated March 28, 2008, issued by Intertek. to Next Door Company for "RA-24" Batt Fiberglass Insulation for "Rate of Burning" per ASTM D-635-06.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 01/09/2015, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. Test proposal # 12-1988, dated 01/04/13 approved by RER.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0504.07
Expiration Date: February 25, 2026
Approval Date: June 03, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W14-41 Rev C** titled "Series "S-6070F" Outswing Steel Entrance Door" Sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 11-24-14 and last revised on JUL 29, 2018, signed and sealed by Javad Ahmad, P. E.

B. TESTS (Revised)

1. Test reports on
 - 1) Air Infiltration Test, per FBC TAS 202-94
 - 2) Uniform Static Air Pressure Test Loading per FBCTAS 202-94
 - 3) Water Resistance Test, per FBC TAS 202-94
 - 4) Forced Entry Resistance Test, per FBC TAS 202-94
 - 5) Large Missile Impact Test, FBC TAS 201-94
 - 6) Cyclic Loading Test, per FBC TAS 203-94

along with marked-up drawings and installation diagram of 6070F Outswing Steel Door, by Fenestration Testing Laboratory, Inc., Test Report No. **FTL7524** dated 09/26/14 and revised on 06/29/18, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 2017** (6th Edition), prepared by Al-Farooq Corporation, dated 01/25/18 and last revised on 07/06/18, signed and sealed by Javad Ahmad, P. E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance to **FBC 2017** (6th Edition) and of no financial interest, prepared by Al Farooq Corporation, dated 12/29/17, signed and sealed by Javad Ahmad, P.E.
2. Statement of lab compliance, as part of test report.

G. OTHER

1. This NOA **revises & rescind** NOA # **15-0515.04**, expiring 02/25/21.

3. Evidence submitted under previous approval.

A. DRAWINGS

1. Drawing No. **W14-41 Rev D** titled "Series "S-6070F" Outswing Steel Entrance Door" Sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 11-24-14 and last revised on 09/04/2020, signed and sealed by Jalal Farooq, P. E.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0504.07
Expiration Date: February 25, 2026
Approval Date: June 03, 2021

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 2020** (7th Edition), prepared by Al-Farooq Corporation, dated 09/04/20, signed and sealed by Jalal Farooq, P. E.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

3. Statement letter of conformance to **FBC 2017** (6th Edition) and of no financial interest, prepared by Al Farooq Corporation, dated 09/04/20, signed and sealed by Jalal Farooq, P.E.
4. Statement of lab compliance, as part of test report.

G. OTHER

1. This NOA **revises & renews NOA # 18-0201.11** and updates to FBC 20202, expiring 02/25/26.

4. New Evidence submitted.

A. DRAWINGS

1. Drawing No. **W14-41 Rev E** titled "Series "S-6070F" Outswing Steel Entrance Door" Sheets 1 through 8 of 8, prepared by Al-Farooq Corporation, dated 11-24-14 and last revised on 04/30/2021, signed and sealed by Jalal Farooq, P. E.
Note: This revision updates manufacturer's address.

B. TESTS

1. None.

C. CALCULATIONS (submitted under previous approval)

1. None.

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

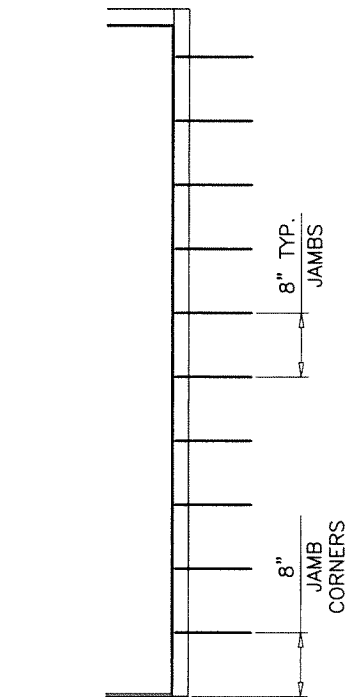
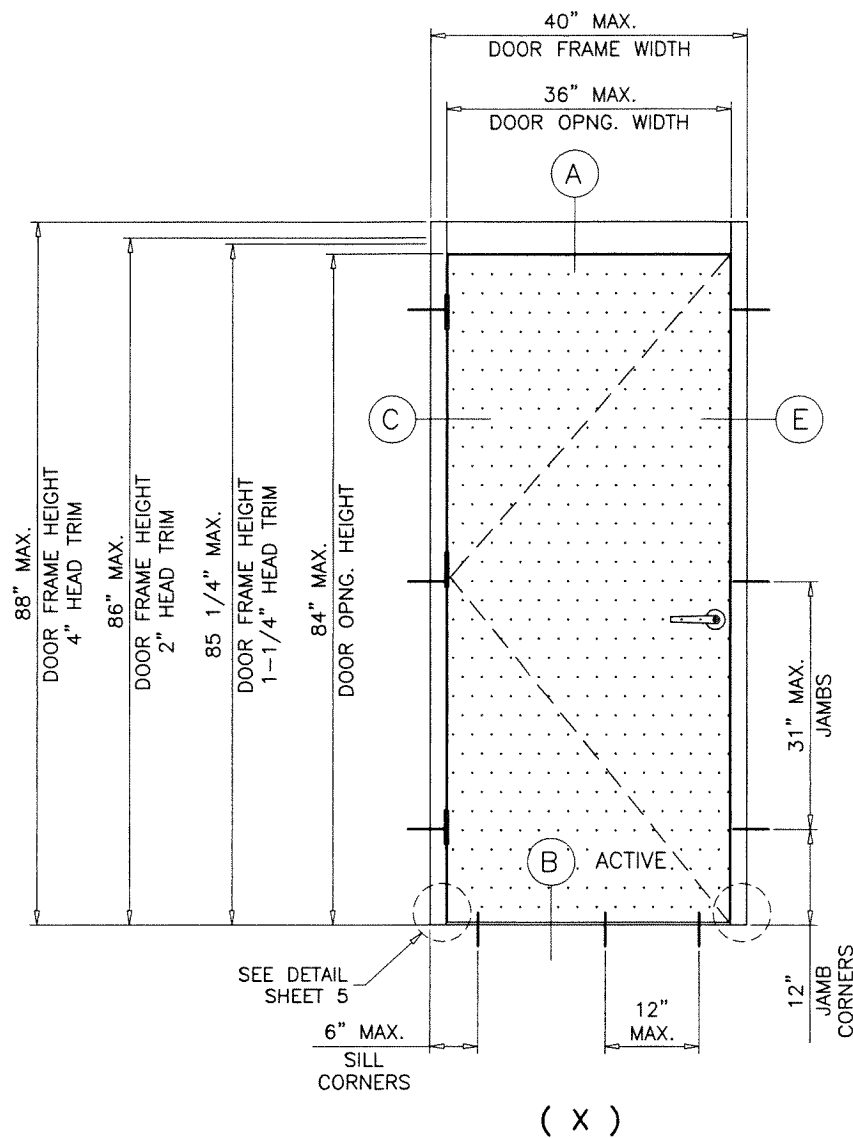
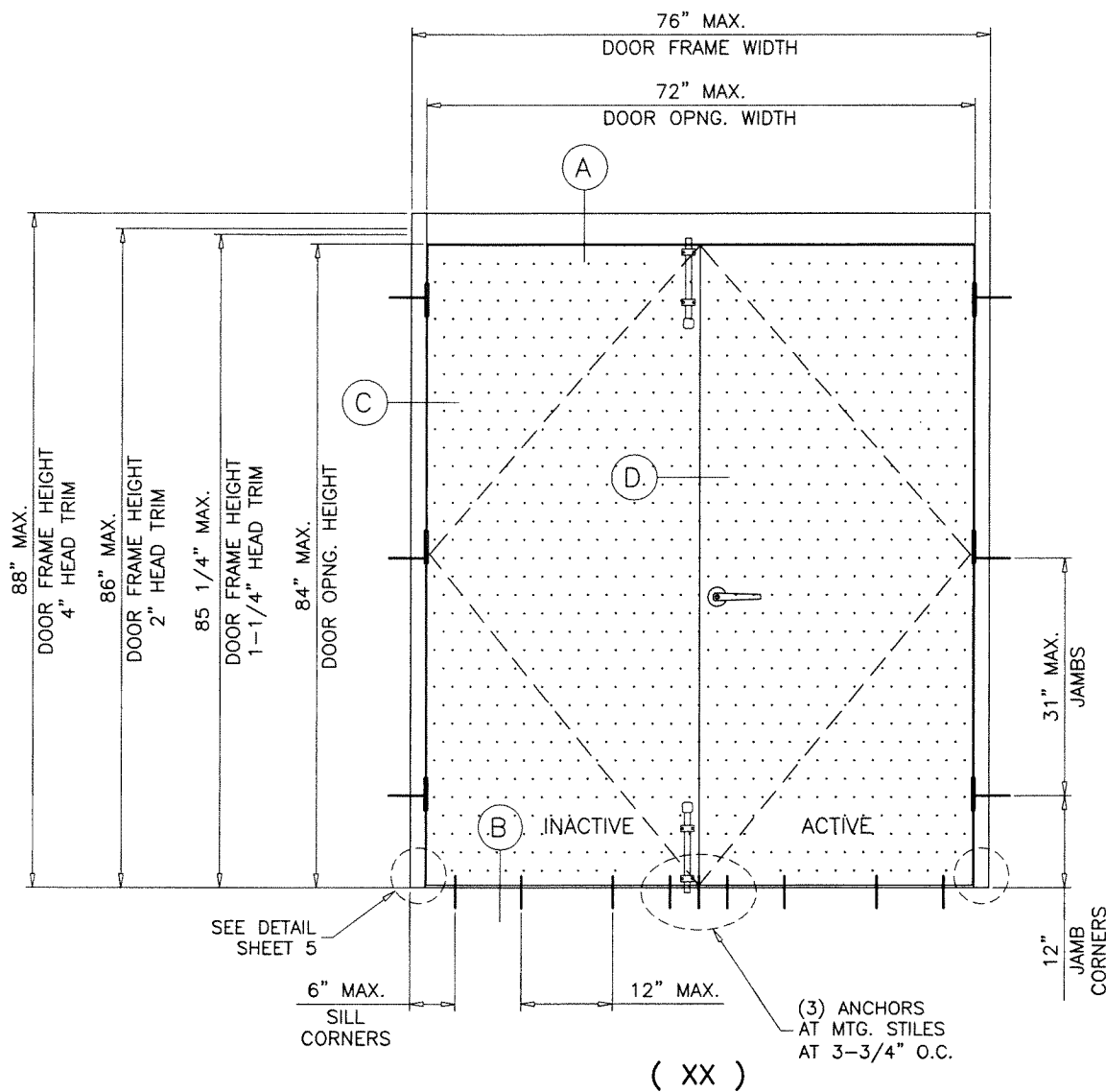
1. Statement letter of conformance to **FBC 2020** (7th Edition) and of no financial interest, prepared by Al Farooq Corporation, dated 05/03/21, signed and sealed by Jalal Farooq, P.E.

G. OTHER

1. This NOA **revises NOA # 20-0910.02**, expiring 02/25/26.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 21-0504.07
Expiration Date: February 25, 2026
Approval Date: June 03, 2021



TYPICAL ELEVATIONS

NOTE:
ALL LOCKS AND SURFACE/FLUSH BOLTS AT HEAD AND SILL MUST BE ENGAGED DURING PERIODS OF HURRICANE WARNING.
ELECTRICAL FUNCTION IS NOT PART OF THIS APPROVAL AND TO BE REVIEWED BY AHJ.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 21-0504.07
Expiration Date 02/25/2026
By Ishaq I. Chande
Miami-Dade Product Control

MAXIMUM DESIGN LOAD RATING = + 90.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 90.0 PSF
AS LIMITED BY CODE

NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.

THESE DOORS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

SERIES-6070F
OUT-SWING COMMERCIAL STEEL ENTRANCE DOOR

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

DOORS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

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

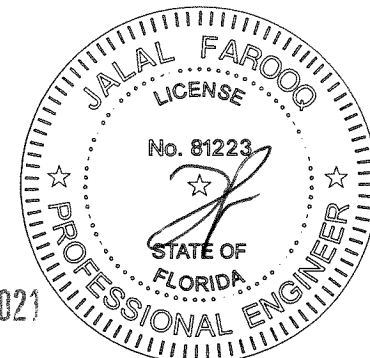
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

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 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)'.



APR 30 2021

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
COMP-ANL\W14-41NDC

S-6070F OUT-SWING STEEL ENTRANCE DOOR

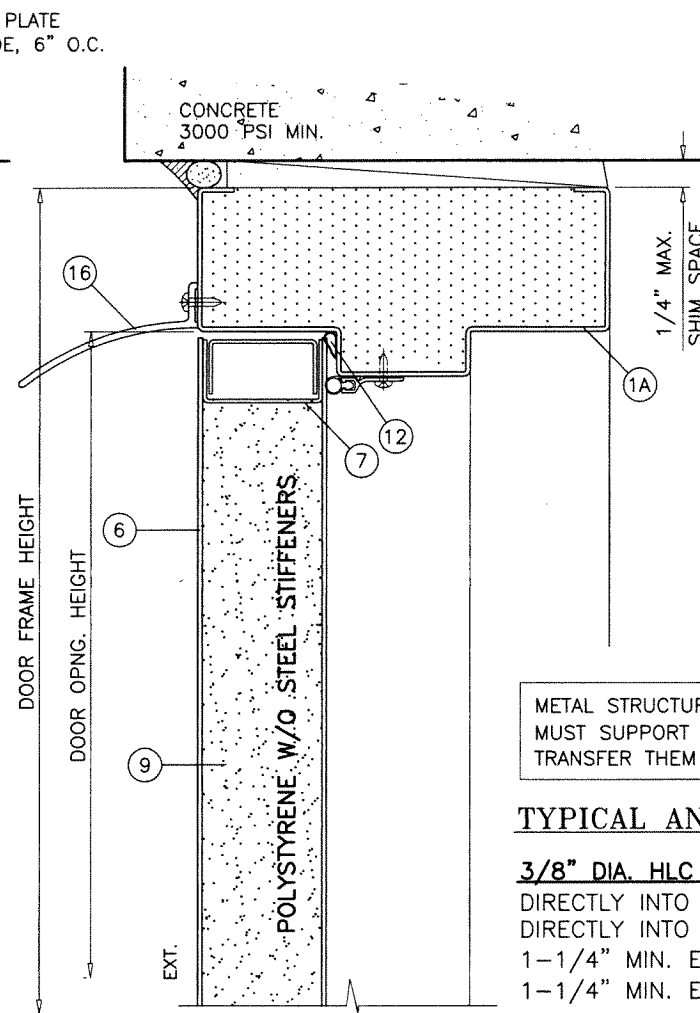
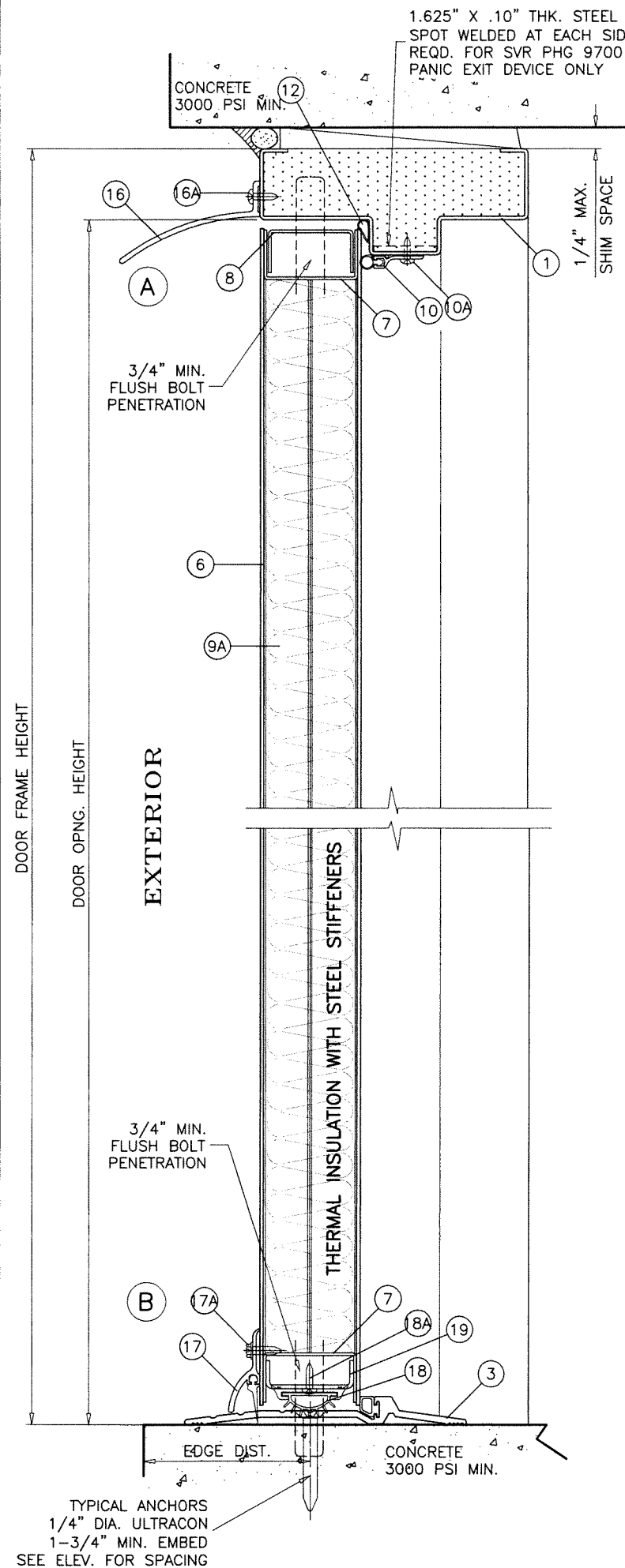
Next Door Company
4005 E 10th Court
Hialeah, FL 33013
Tel. (954) 772-6666 Fax. (954) 772-8466

no	date	by	description
A	01.16.16	REV. PER RER COMMENTS	REV. PER RER COMMENTS
B	01.09.18	UPDATED TO 2017 FBC	REV. PER RER COMMENTS
C	05.10.18	REV. PER RER COMMENTS	UPDATED TO 2020 FBC
D	07.30.20	REV. PER RER COMMENTS	MANUF. ADDRESS REV.
E	04.27.21	REV. PER RER COMMENTS	

date: 11-24-14
scale: 1/2"=1'-0"
dr. by: TARIQ
chk. by:

drawing no.
W14-41

sheet 1 of 8



METAL STRUCTURES NOT BY 'NEXT DOOR CO.'
MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS @ JAMBS: SEE ELEV. FOR SPACING

3/8" DIA. HLC SLEEVE ANCHOR BY 'HILTI'

DIRECTLY INTO $f_c' = 3000$ PSI CONCRETE, 3-1/2" MIN. EDGE DIST.
DIRECTLY INTO $f_c' = 2000$ PSI MASONRY BLOCK, 4" MIN. EDGE DIST.
1-1/4" MIN. EMBED INTO CONCRETE (JAMBS)
1-1/4" MIN. EMBED INTO GROUT FILLED BLOCK (JAMBS)

3/8" DIA. SUP-R-SLEEVE ANCHOR BY 'MKT'

DIRECTLY INTO $f_c' = 3500$ PSI CONCRETE (JAMBS)
3-3/4" MIN. EDGE DISTANCE
1-1/4" MIN. EMBED

3/8" DIA. SLEEVE ANCHOR BY 'WEJ-IT'

DIRECTLY INTO $f_c' = 4000$ PSI CONCRETE, 2-1/2" MIN. EDGE DIST.
DIRECTLY INTO $f_c' = 2000$ PSI MASONRY BLOCK, 3-3/4" MIN. EDGE DIST.
2-1/2" MIN. EMBED INTO CONCRETE (JAMBS)
1-1/2" MIN. EMBED INTO GROUT FILLED BLOCK (JAMBS)

3/8" DIA. POWER-BOLT BY 'DEWALT'

DIRECTLY INTO $f_c' = 3000$ PSI CONCRETE, 3" MIN. EDGE DIST.
DIRECTLY INTO $f_c' = 2000$ PSI MASONRY BLOCK, 5-5/8" MIN. EDGE DIST.
2-1/2" MIN. EMBED INTO CONCRETE (JAMBS)
2" MIN. EMBED INTO GROUT FILLED BLOCK (JAMBS)

3/8" DIA. SMS OR MACHINE BOLTS (MIN. GRADE 2 CRS)

INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)
STEEL : $F_y = 36$ KSI MIN.
ALUMINUM : 6063-T6 MIN.
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL ANCHORS @ THRESHOLD ONLY:

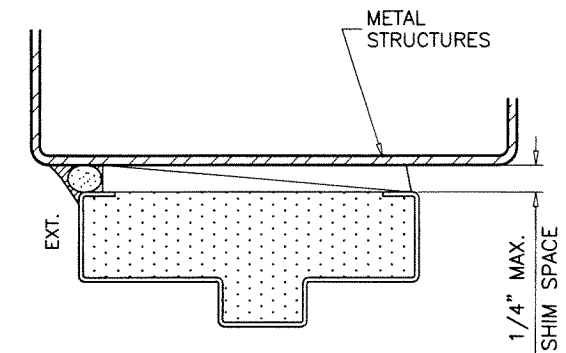
1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u = 164$ KSI, $F_y = 148$ KSI)

DIRECTLY INTO $f_c' = 3000$ PSI CONCRETE
2-1/2" MIN. EDGE DISTANCE
1-3/4" MIN. EMBED

CONCRETE AT SILL OR JAMBS MIN. $f_c' =$ SEE APPLICABLE ANCHOR

SEALANT:

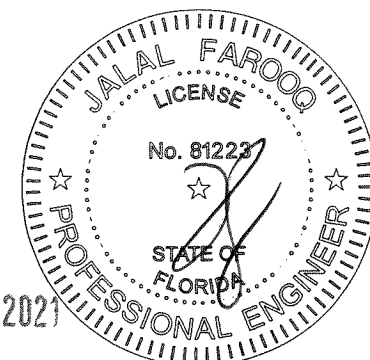
ALL JOINTS AND CORNERS SEALED WITH SILICONE.



PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0504.07

Expiration Date 02/25/2026

By *Ishag I. Chanda*
Miami-Dade Product Control



APR 30 2021

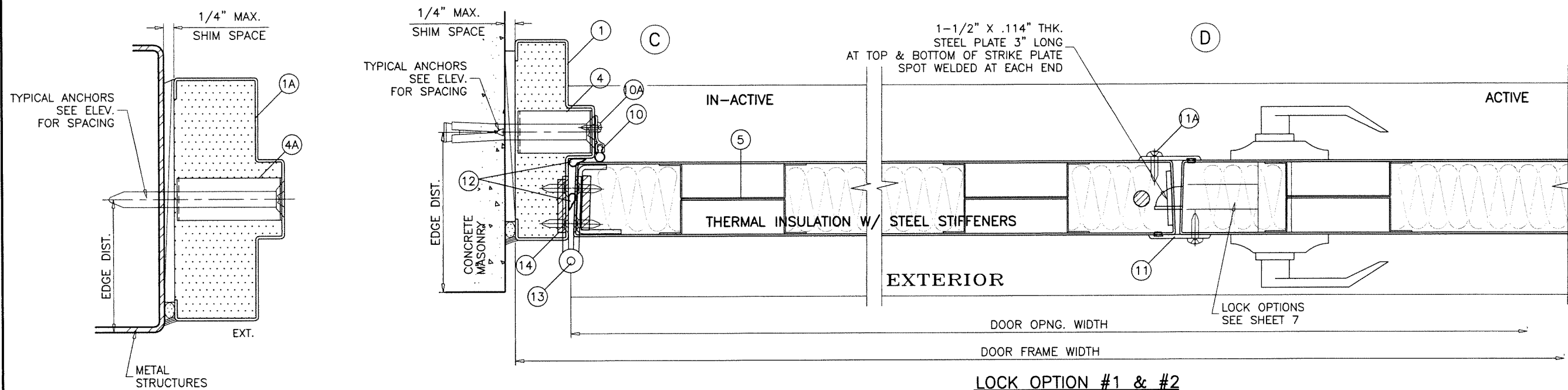
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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TEL (305) 264-8100 FAX (305) 262-6978
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S-6070F OUT-SWING STEEL ENTRANCE DOOR
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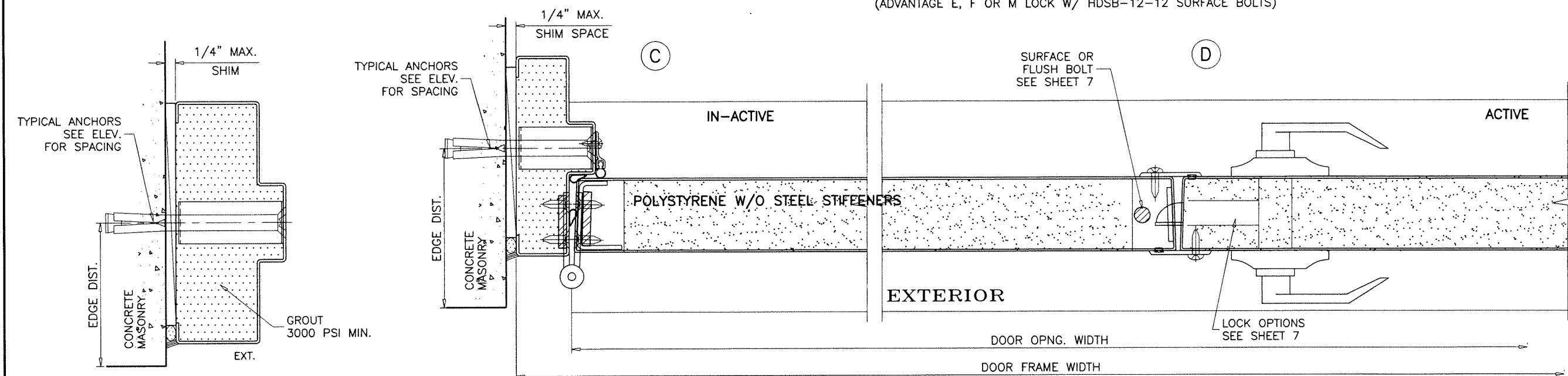
revisions:		date	by	description
no	date	by	description	
A	01.16.16	REV. PER PER COMMENTS		
B	01.09.18	UPDATED TO 2017 FBC		
C	05.10.18	REV. PER PER COMMENTS		
D	07.30.20	UPDATED TO 2020 FBC		
E	04.27.21	MANUF. ADDRESS REV.		

date:	11-24-14
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

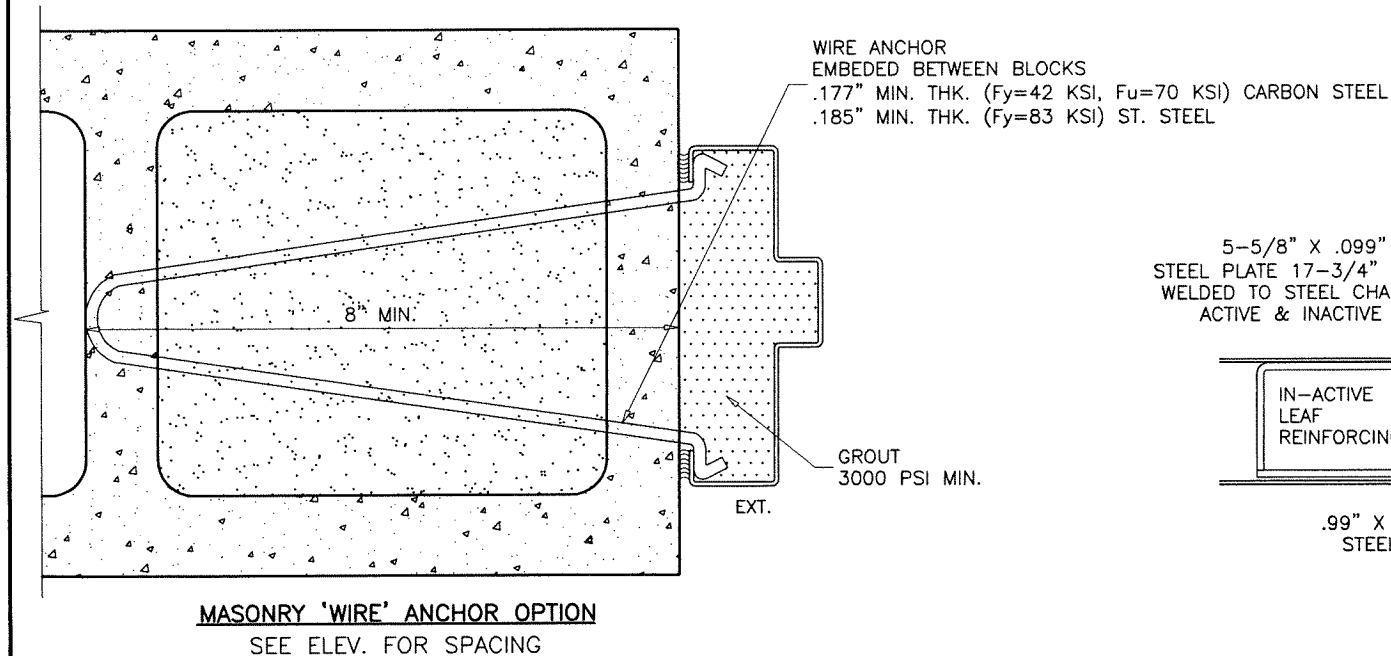
drawing no.	W14-41
sheet	2 of 8



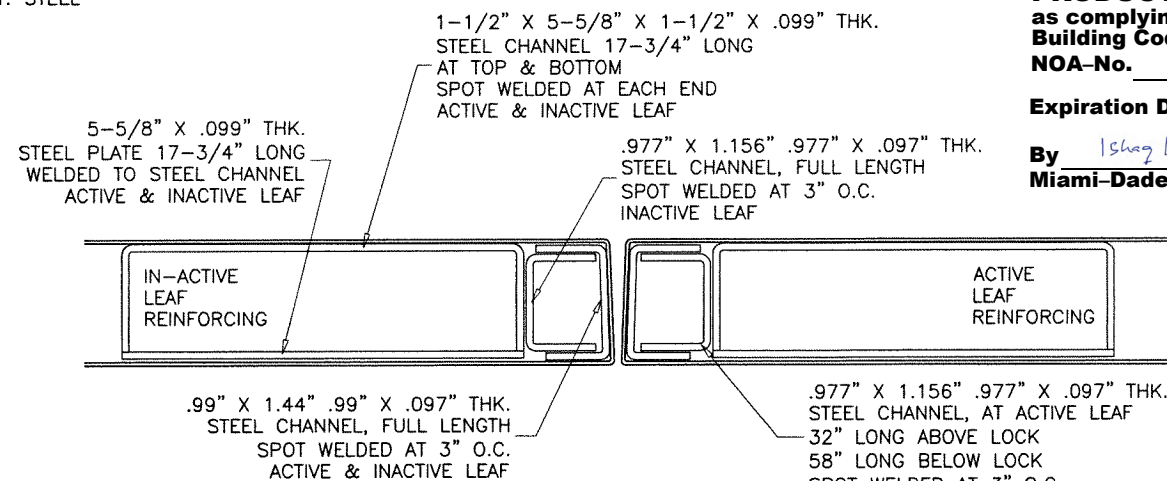
LOCK OPTION #1 & #2
(ADVANTAGE E, F OR M LOCK W/ HDSB-12-12 SURFACE BOLTS)



LOCK OPTION #1 & #2
(ADVANTAGE E, F OR M LOCK W/ HDSB-12-12 SURFACE BOLTS)

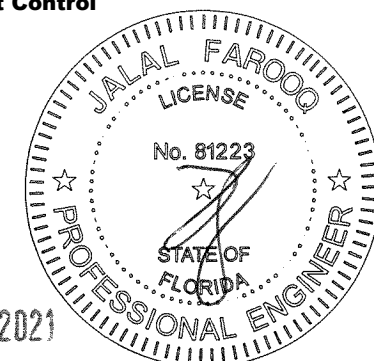


MASONRY WIRE ANCHOR OPTION
SEE ELEV. FOR SPACING



LOCK STILES REINFORCING

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-0504.07
Expiration Date 02/25/2026
By Ishaq I. Chandra
Miami-Dade Product Control



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ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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S-6070F OUT-SWING STEEL ENTRANCE DOOR
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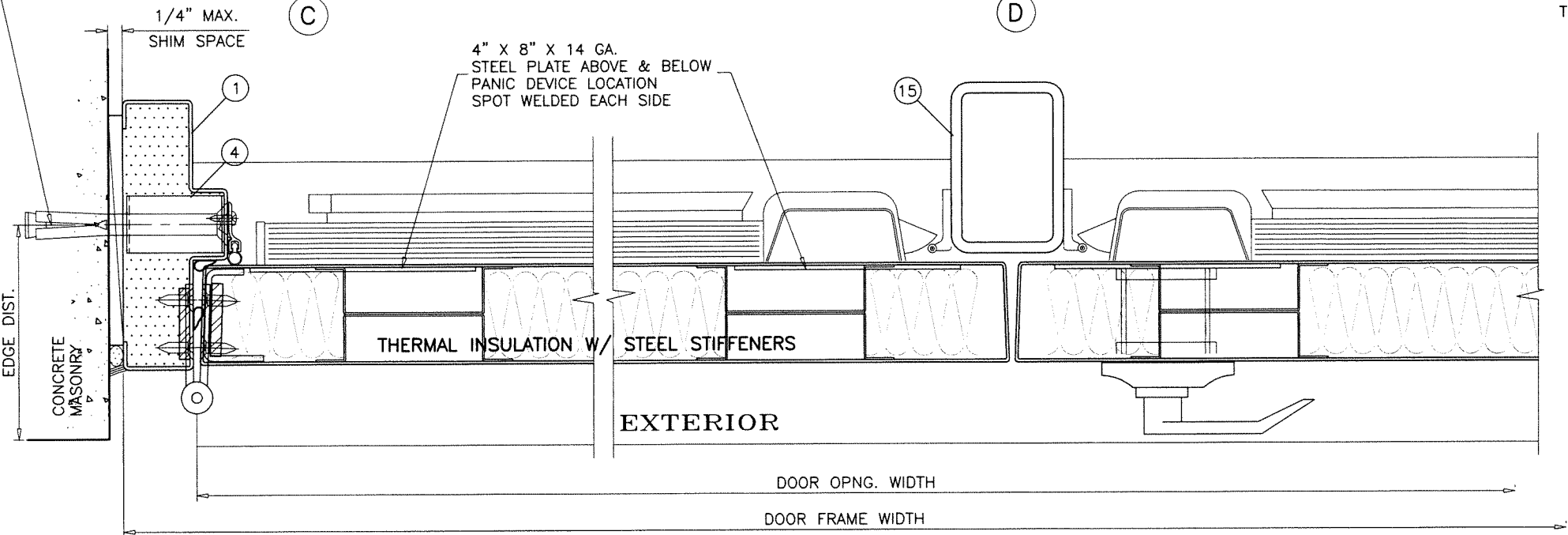
revisions:		by	description
no	date		
A	01.16.16	REV.	PER RER COMMENTS
B	01.09.18	UPDATED	TO 2017 FBC
C	05.10.18	REV.	PER RER COMMENTS
D	07.30.20	EDITORIAL	CHANGES
E	04.27.21	MANUF.	ADDRESS REV.

date: 11-24-14
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:

drawing no.
W14-41
sheet 3 of 8

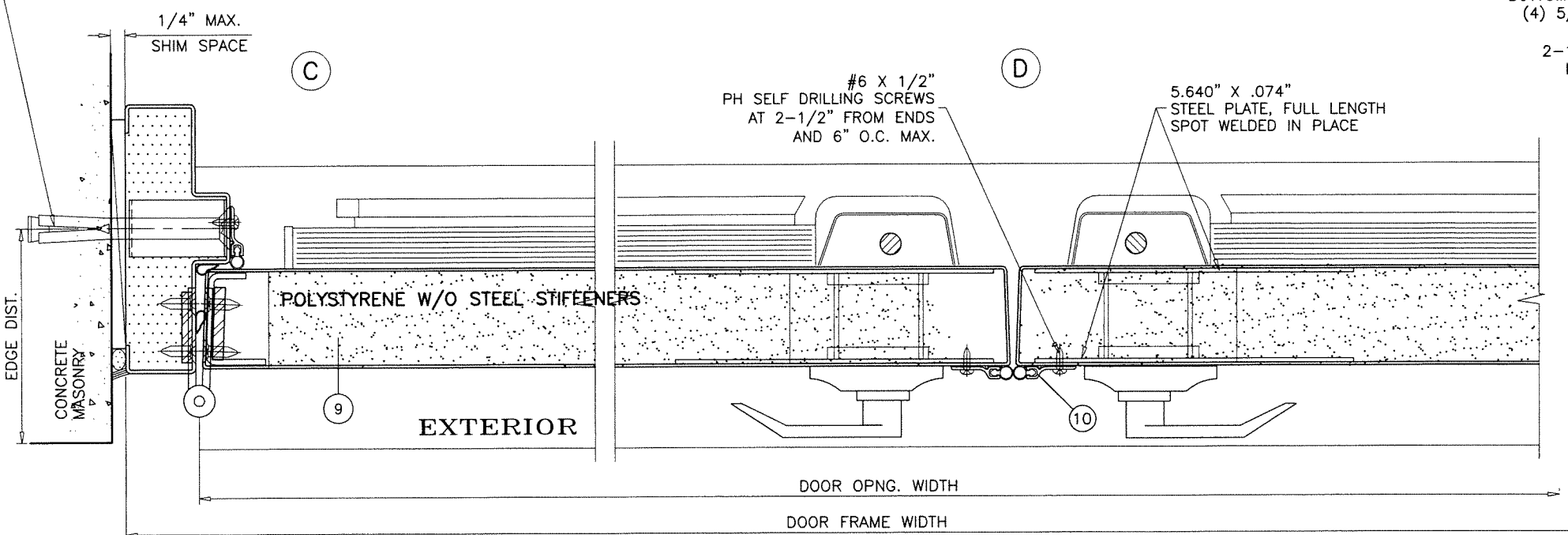
ADVANTAGE SERIES 9100 & 9200 REMOVABLE MULLION				
ITEM NO.	QUANTITY	DESCRIPTION	MATERIAL	REMARKS
A	1	TOP MULLION SUPPORT BRACKET	STEEL	-
B	1	BOTTOM MULLION SUPPORT BRACKET	STEEL	-

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



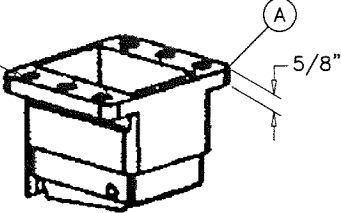
LOCK OPTION #3
(PHG 9500 RIM PANIC W/ PHG 9000 SERIES MULLION)

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



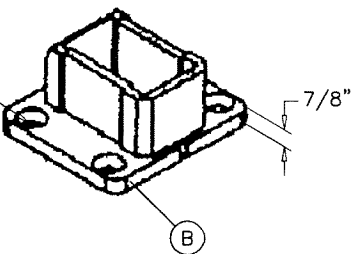
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(PHG 9700 PANIC W/ SURFACE VERTICAL RODS)

TOP BRACKET FASTENERS
(6) 5/16" X 1-1/2"
PH MACHINE SCREWS

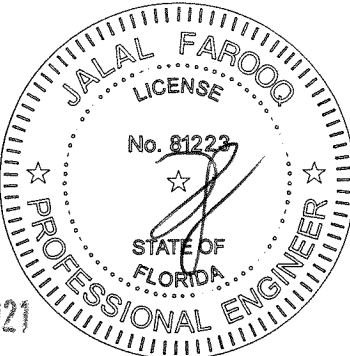


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By *Ishaq I. Chande*
Miami-Dade Product Control

BOTTOM BRACKET FASTENERS
(4) 5/16" DIA. ULTRACONS
1-3/4" MIN. EMBED
2-1/2" MIN. EDGE DIST.
INTO 3000 PSI CONC.



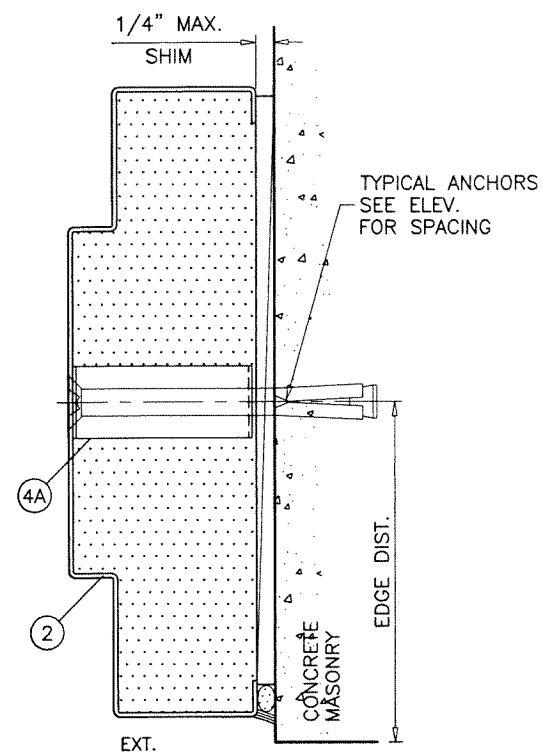
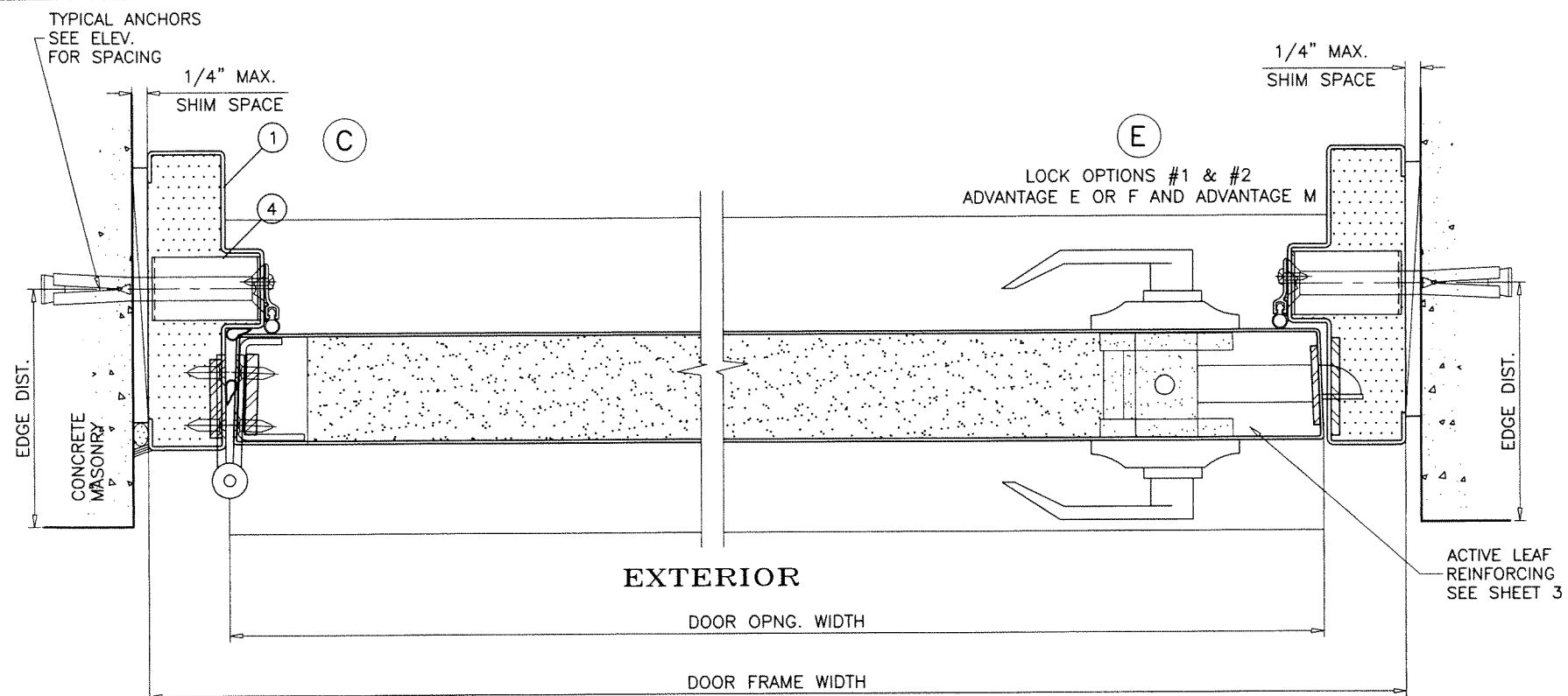
PHG REMOVABLE MULLION



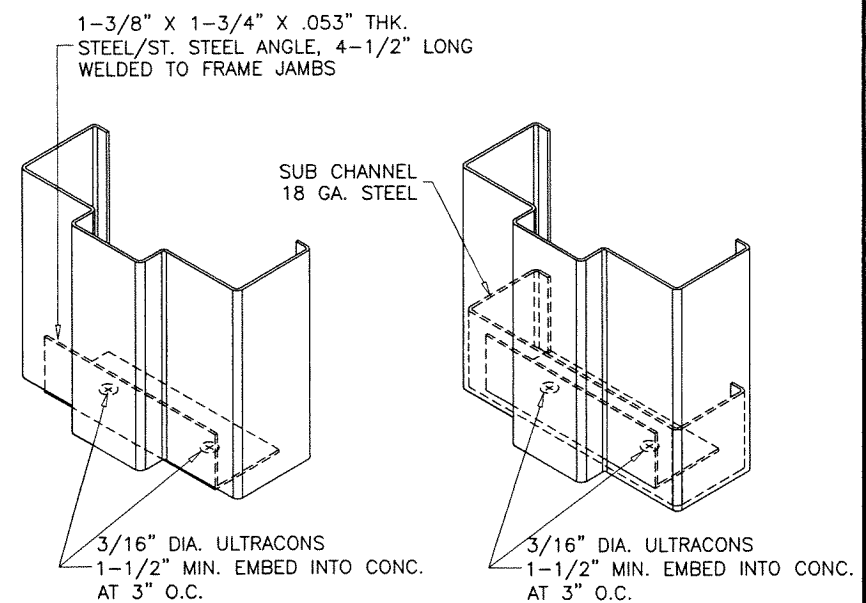
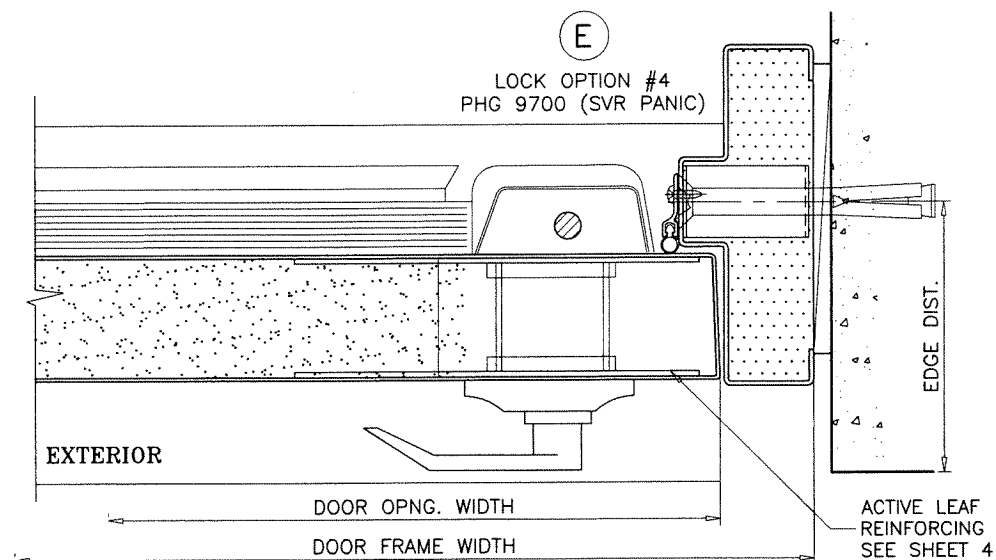
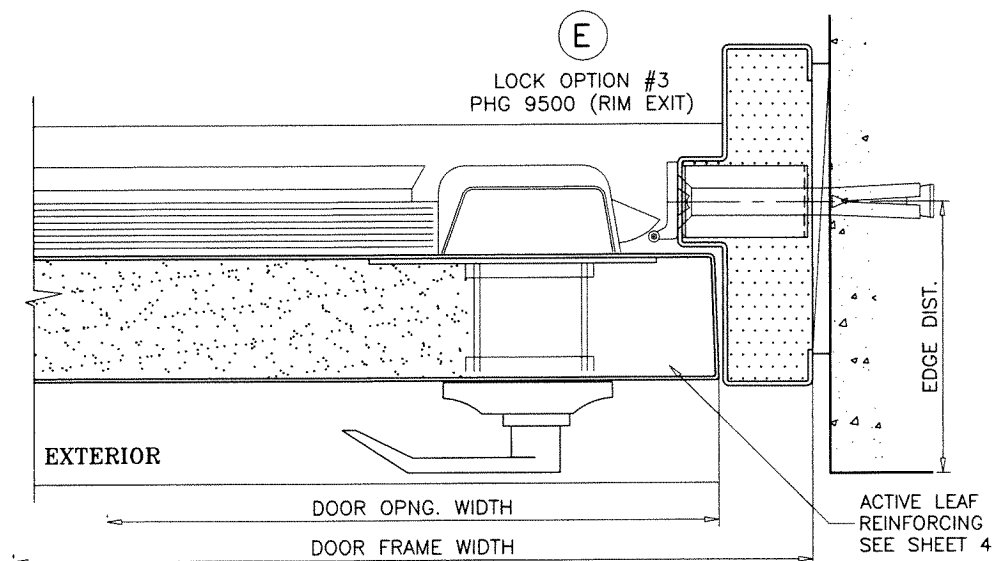
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220 (C.A.N. 3538)
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W14-41NDC

S-6070F OUT-SWING STEEL ENTRANCE DOOR
Next Door Company
4005 E 10th Court
Hialeah, FL. 33013
Tel. (954) 772-6666 Fax. (954) 772-8466

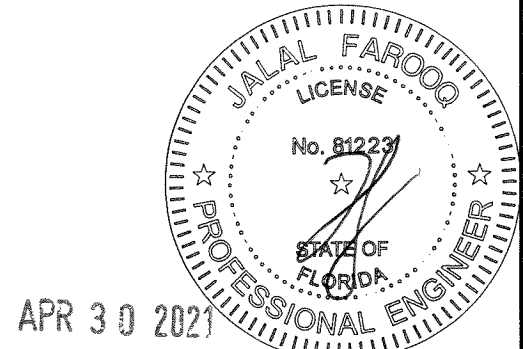
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no	date	description	by
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E	04.27.21	MANUF. ADDRESS REV.	
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dr. by:	TARIQ	chk. by:	
drawing no.	W14-41	sheet	4 of 8



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By *Ishag I. Chande*
Miami-Dade Product Control



BOTTOM CORNER ANCHORS DETAIL
REQD. AT JAMBS WITH 'WIRE' ANCHOR OPTION



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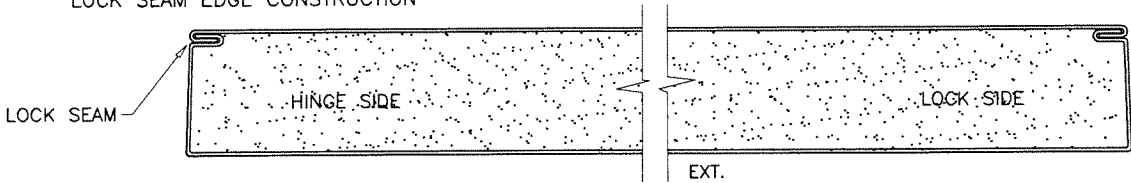
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drawing no. W14-41		sheet 5 of 8	

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, MIN. Fu = 52.0 KSI
1A	—	AS REQD.	FRAME HEAD/JAMB (5-3/4" X 2")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI, MIN. Fu = 52.0 KSI
1B	—	AS REQD.	FRAME HEAD/JAMB (8-3/4" X 4")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI, MIN. Fu = 52.0 KSI
2	—	AS REQD.	FRAME JAMB (8-3/4" X 2")	STEEL/ST. STL.	16 GA. (.053") MIN. Fy = 49.0 KSI, MIN. Fu = 52.0 KSI
3	T500	1	THRESHOLD	6063-T6	PHG
4	—	AS REQD.	ANCHOR SPACER (1-1/4" FRAME)	STEEL/ST. STL.	18 GA. (.042")
4A	—	AS REQD.	ANCHOR SPACER (2" FRAME)	STEEL/ST. STL.	18 GA. (.042")
5	—	8/ LEAF	HAT STIFFENER IN PAIRS AT 5-1/2" O.C.	STEEL/ST. STL.	22 GA. (.030") MIN. Fy = 49.0 KSI
6	—	—	DOOR LEAF	STEEL	18 GA. (.053") MIN. Fy = 52.0 KSI, MIN. Fu = 49.0 KSI
				ST. STEEL	18 GA. (.048") MIN. Fy = 49.3 KSI, MIN. Fu = 96.5 KSI
7	—	2/ LEAF	TOP AND BOTTOM RAIL CHANNEL (FULL LENGTH)	STEEL/ST. STL.	7/8 X 1-21/32 X 7/8 X .068"
8	—	1/ LEAF	TOP RAIL CAP (FULL LENGTH)	STEEL/ST. STL.	3/4 X 1-1/2 X 3/4 X .053"
9	—	1	POLYSTYRENE	—	DYPLAST OR CARPENTER W/ CURRENT NOA
9A	—	1	THERMAL INSULATION	—	OWENS CORNING RA-24 BATT
10	W412	AS REQD.	PERIMETER W'STRIPPING ADAPTER	—	PHG
10A	#8 X 5/8"	AS REQD.	PERIMETER W'STRIP FASTENERS, AT 4" O.C.	—	PH SMS
11	—	—	FLAT BAR ASTRAGAL	STEEL/ST. STL.	12 GA.
11A	#10 X 3/4"	AS REQD.	ASTRAGAL FASTENERS, AT 4" O.C.	—	PH SDS
12	W416	AS REQD.	ADHESIVE BACK W'STRIPPING	VINYL	PHG
13	—	3/ LEAF	MORTISE HINGES	STEEL	—
14	—	2/ HINGE	HINGE REINFORCEMENT (FRAME/DOOR)	STEEL/ST. STL.	1-1/4" X 10" X .173"
15	9000	AS REQD.	2" X 3" X 3/16" THK. MULLION TUBE	STEEL	PHG, ASTM A500 GRADE C, Fy = 50 KSI
16	DBS311	1	OVERHEAD RAIN DRIP	ALUMINUM	PHG
16A	#8 X 1/2"	1	RAIN DRIP FASTENERS, AT 4" O.C.	—	PH SMS
17	DBS313	1	DOOR BOTTOM SWEEP	—	PHG
17A	#8 X 7/8"	AS REQD.	DOOR SWEEP FASTENERS, AT 6" O.C.	—	HWH SDS
18	DBS319	1	DOOR SHOE W'STRIPPING	—	PHG
18A	#8 X 1/2"	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"

DOOR EDGE CONSTRUCTION OPTIONS:

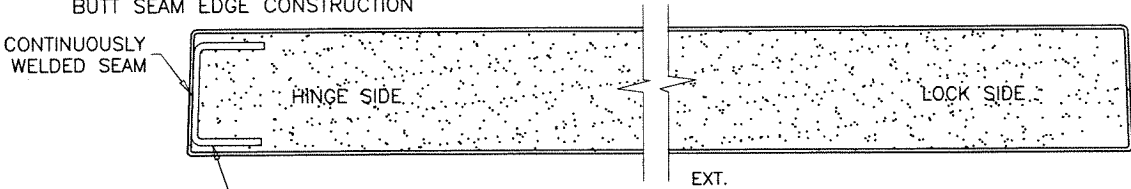
OPTION #1:

LOCK SEAM EDGE CONSTRUCTION



OPTION #2:

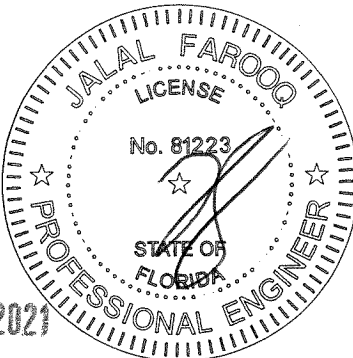
BUTT SEAM EDGE CONSTRUCTION



1" X 1-7/16" X 1" X 12 GA.
FULL LENGTH CHANNEL

REINFORCINGS
SEE LOCK OPTIONS
SHEETS 3 AND 4

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LOCK OPTIONS:

OPTION #1

ACTIVE LEAF:

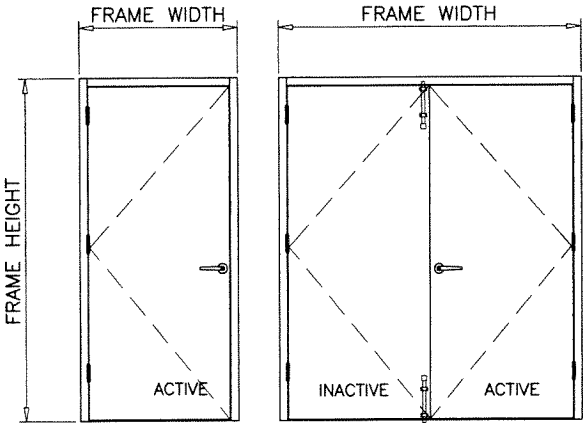
'ADVANTAGE E' SERIES CYLINDRICAL LEVER SET (GRADE 1, LATCHBOLT THROW = 1/2" MIN.) WITH SURFACE MOUNT METALLIC LEVER TYPE HANDLE, BY 'PHILADELPHIA HARDWARE GROUP' LOCATED AT 38" FROM BOTTOM FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #12-24 X 1-3/8" OH MS (2) #8 X 3/4" FH SCREWS 1/2" THROW ST. STEEL LATCH BOLT ENGAGES FLUSH MOUNT METALLIC STRIKE PLATE AT INACTIVE LEAF FASTENED TO LOCK STILE WITH (2) #10 X 1" FH SCREWS

ACTIVE LEAF: (ALTERNATE)

'ADVANTAGE F' SERIES CYLINDRICAL LEVER SET (GRADE 1, LATCHBOLT THROW = 1/2" MIN.) WITH SURFACE MOUNT METALLIC LEVER TYPE HANDLE, BY 'PHILADELPHIA HARDWARE GROUP' LOCATED AT 38" FROM BOTTOM FASTENED TO LEAF LOCK STILE WITH (2) #10-32 X 1-1/2" OH MS (2) #8 X 3/4" FH SCREWS 1/2" THROW ST. STEEL LATCH BOLT ENGAGES FLUSH MOUNT METALLIC STRIKE PLATE AT INACTIVE LEAF FASTENED TO LOCK STILE WITH (2) #8 X 7/8" FH SCREWS

INACTIVE LEAF

SERIES 'HDSB-12-12" HD SQUARE SURFACE MOUNT METALLIC MANUALLY OPERATED SURFACE BOLTS BY 'PHILADELPHIA HARDWARE GROUP' AT 6" FROM EACH END (TOP AND BOTTOM) FASTENED TO LOCK STILE WITH (4) 1/4-20 X 1-1/2" PH MS WITH SEX BOLTS



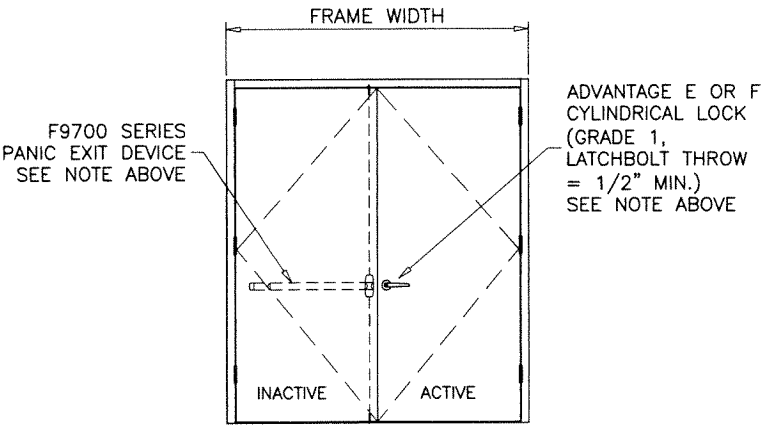
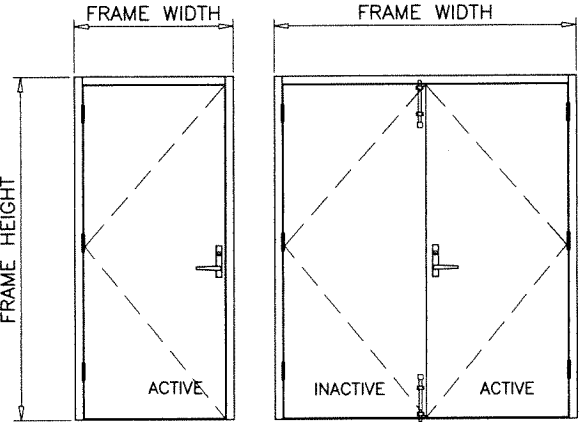
OPTION #2

ACTIVE LEAF:

'ADVANTAGE M' SERIES MORTISE LEVERSET LOCK (LATCHBOLT THROW = 3/4" MIN, DEADBOLT THROW = 1" MIN.) WITH SURFACE MOUNT METALLIC LEVER TYPE HANDLE, BY 'PHILADELPHIA HARDWARE GROUP' KEY OPERATED ON EXTERIOR AND THUMB PUSH ON INTERIOR LOCATED AT 38" FROM BOTTOM FASTENED TO ACTIVE LEAF LOCK STILE WITH (2) #12-24 X 1-3/8" OH MS (2) #8 X 3/4" FH SCREWS 1/2" THROW ST. STEEL LATCH BOLT ENGAGES FLUSH MOUNT METALLIC STRIKE PLATE AT INACTIVE LEAF FASTENED TO LOCK STILE WITH (2) #12-24 X 1/2" FH MACHINE SCREWS

INACTIVE LEAF

SERIES 'HDSB-12-12" HD SQUARE SURFACE MOUNT METALLIC MANUALLY OPERATED SURFACE BOLTS BY 'PHILADELPHIA HARDWARE GROUP' AT 6" FROM EACH END (TOP AND BOTTOM) FASTENED TO LOCK STILE WITH (4) 1/4-20 X 1-1/2" PH MS WITH SEX BOLTS



OPTIONAL LOCK COMBINATION:
SVR PANIC DEVICE ON INACTIVE LEAF
CYLINDRICAL LOCK ON ACTIVE LEAF
SEE SHEETS 3 & 4 FOR REINFORCING

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HINGES:

4-1/2" LONG FLUSH MOUNT METALLIC BUTT HINGES (3) PER LEAF
(1) AT 7-1/4" FROM TOP TO CL OF HINGE
(1) AT 12-1/4" FROM BOTTOM TO CL OF HINGE
CENTER HINGE EQUALLY SPACED FROM TOP & BOTTOM HINGE
FASTENED WITH #12-24 X 1/2" FH MACHINE SCREWS
FOUR PER HASP(LEAF).

OPTION #3

ACTIVE LEAF:

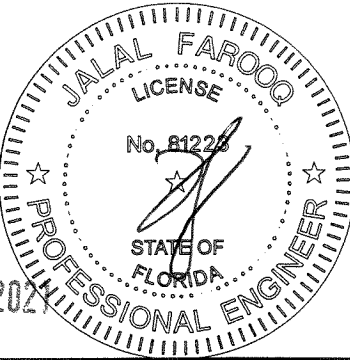
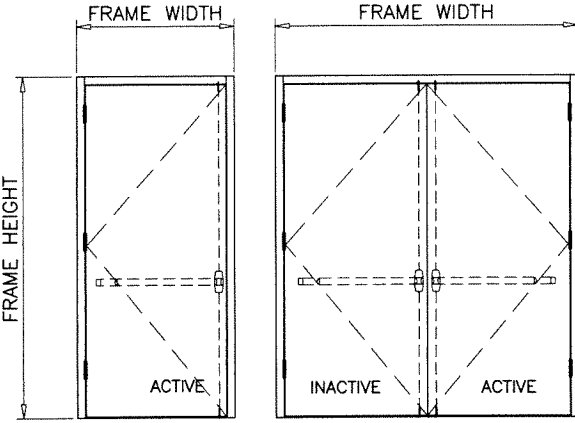
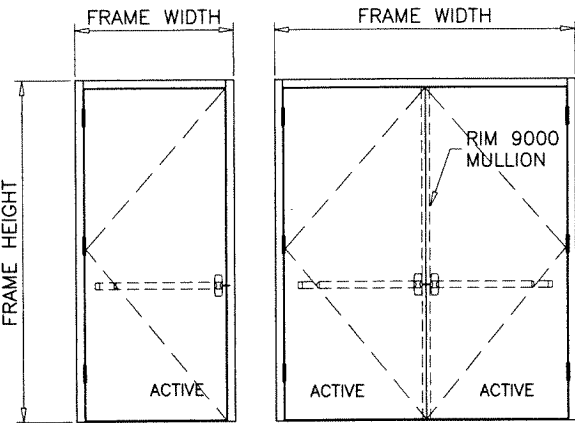
'F9500' SERIES SURFACE MOUNT METALLIC RIM PANIC EXIT DEVICE BY 'PHILADELPHIA HARDWARE GROUP' LOCATED AT 41-1/2" FROM BOTTOM FASTENED TO ACTIVE LEAF LOCK STILE WITH (6) #1/4-20 X 1" PH MS LATCH BOLT ENGAGES KEEPERS AT FRAME OR VERTICAL MULLION FASTENED WITH (2) #10 X 1" FH SMS

OPTION #4

ACTIVE OR INACTIVE LEAF:

'F9700' SERIES SURFACE MOUNT METALLIC VERTICAL ROD PANIC EXIT DEVICE BY 'PHILADELPHIA HARDWARE GROUP' LOCATED AT 41-1/2" FROM BOTTOM FASTENED TO ACTIVE LEAF LOCK STILE WITH (4) 1/4-20 X 1-1/2" PH MS (2) 1/4-20 X 5/8" PH MS VERTICAL RODS FASTENED WITH (2) 1/4-20 X 1" PH MS W/ SEX BOLT HANDLE ACTIVATES SHOOT BOLTS ENGAGING AT HEAD & SILL

SURFACE MOUNT METALLIC VERTICAL RODS GUIDES AT 24-1/2" AND 60-1/2" FROM BOTTOM FASTENED WITH (2) #10 X 2" FH SMS



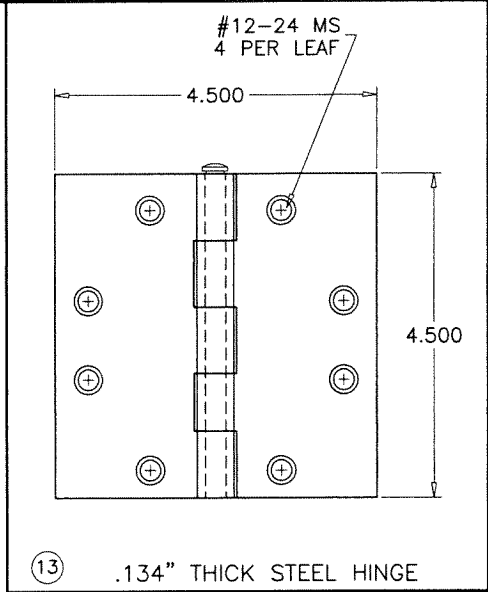
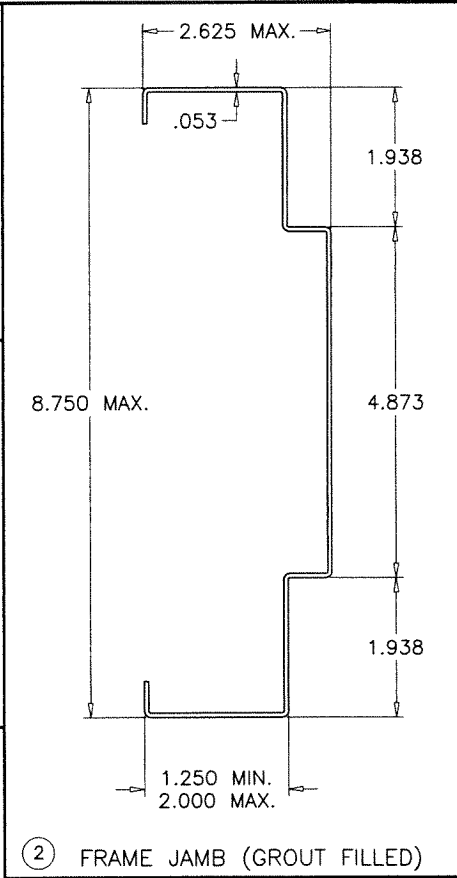
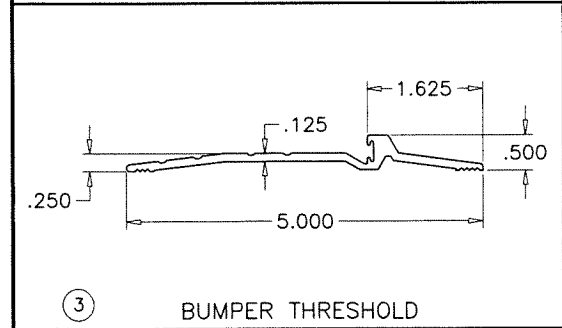
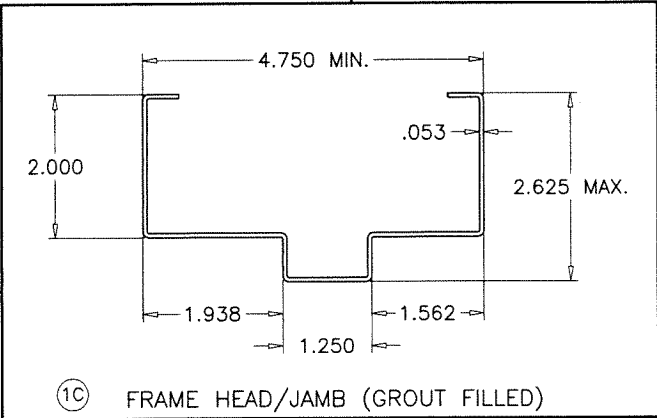
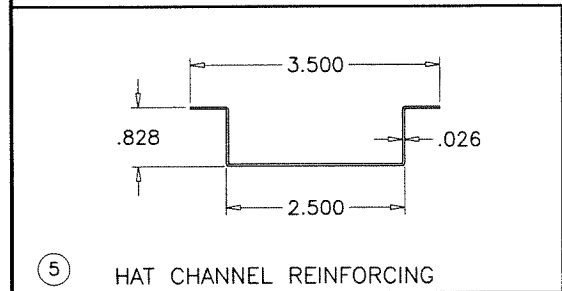
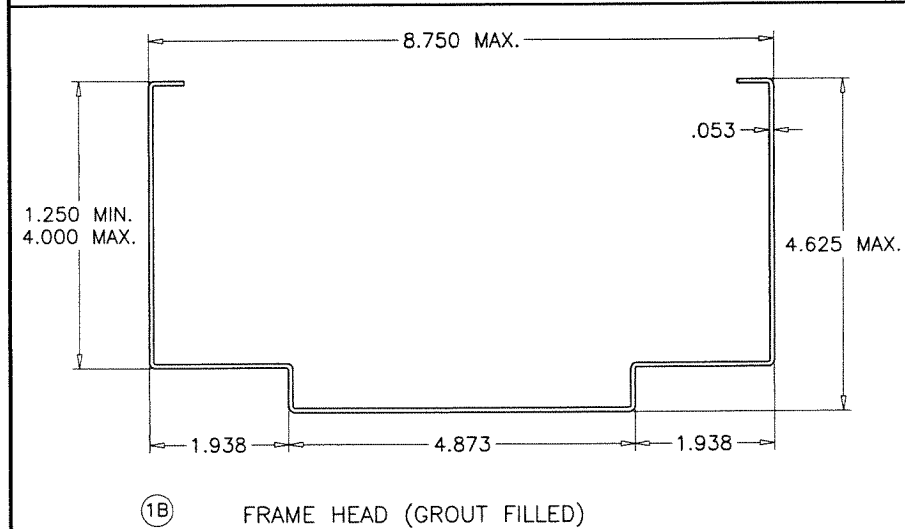
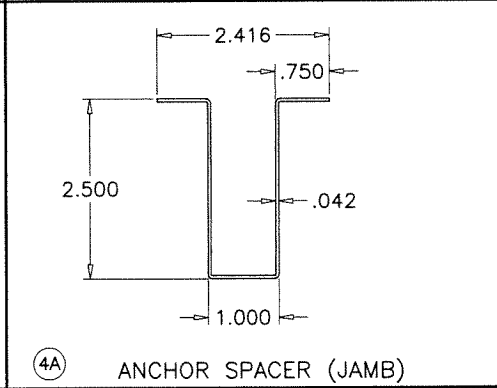
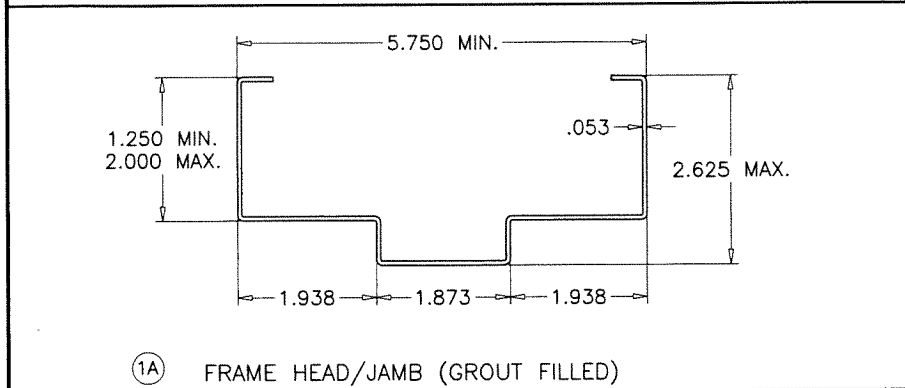
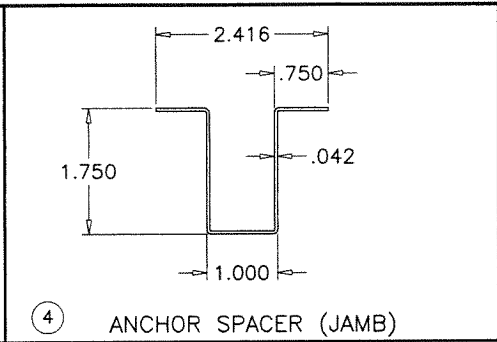
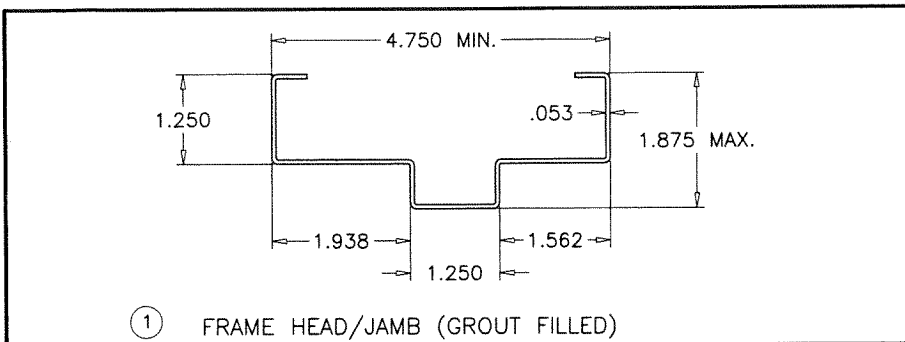
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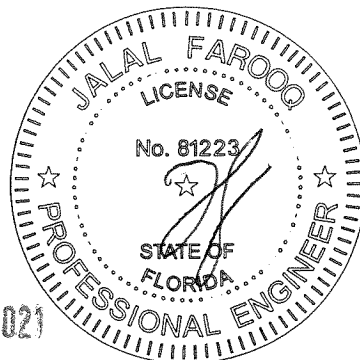
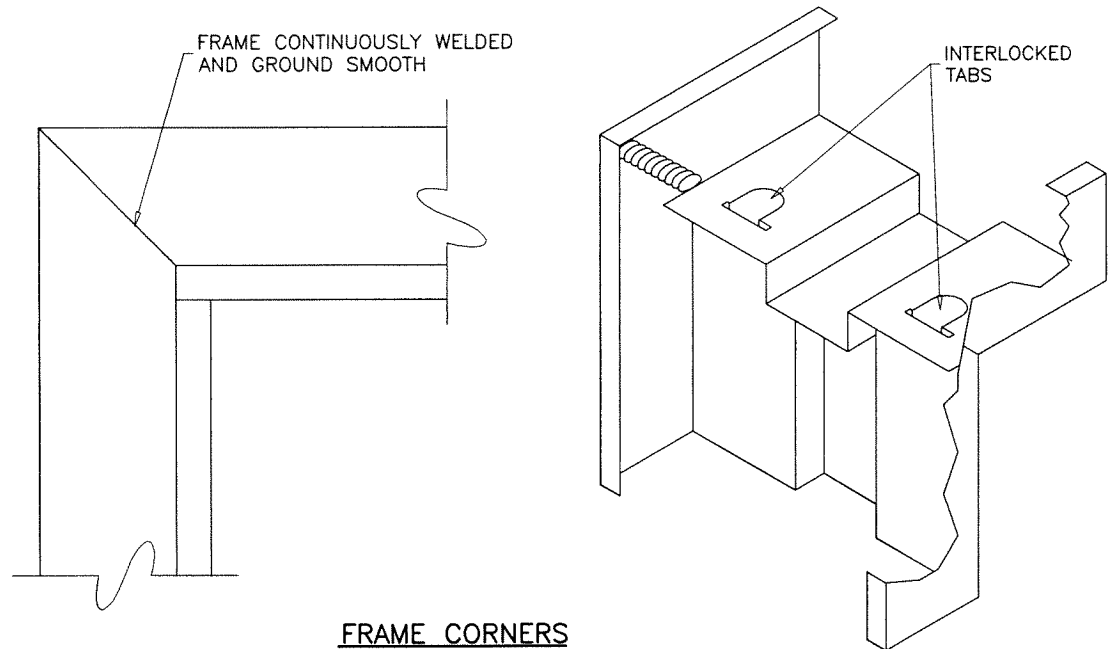
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