

ALLEGION - SCHLAGE LOCK COMPANY, LLC.

STEEL BORROWED LITE SYSTEM FOR USE IN CONJUNCTION WITH STOREFRONT ENTRANCE SYSTEMS (HVHZ)(IMPACT)

GENERAL NOTES:

- 1. THESE PRODUCTS COMPLY WITH THE CURRENT FLORIDA BUILDING CODE AND HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS 201, 202, & 203-94 AND AAMA 501-15.
- 2. ALL CONFIGURATIONS MEET LARGE AND SMALL MISSILE IMPACT REQUIREMENTS - LARGE MISSILE IMPACT AT (50 F/S). SEE GLAZING NOTES ON SHEET 8.
- 3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.

NOTES:

- 1. SEE SHEET 2 & 3 FOR CONFIGURATION OPTIONS.
- 2. ANCHORING REQUIREMENTS: SEE SHEETS 9-16 FOR APPROVED ANCHOR, WALL CONSTRUCTION AND INSTALLATION REQUIREMENTS.
- 3. THIS SYSTEM MAY BE USED IN CONJUNCTION WITH FBC APPROVED ENTRANCE DOORS BY STEELCRAFT OR REPUBLIC DOORS AND FRAMES.
- 4. DOORS, HINGES & STRIKE MULLIONS ARE PER SEPARATE STEELCRAFT OR REPUBLIC DOORS AND FRAMES FLORIDA BUILDING CODE PRODUCT APPROVAL
- 5. HEAD SECTION CAN HAVE 4" FACE DIMENSIONS WHEN IT'S GROUTED WITH CONCRETE. (SEE SHEETS 9 THROUGH 15).
- 6. APPLY CAULK AS NEEDED. SEE SHEETS 9-16.
- 7. SEE SHTS. 7 & 17 FOR ELEVATIONS, AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS.
- 8. STUD WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING WITH 260#/FT BASIS.
- 9. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON SHEETS 9-16.

CONSTRUCTION NOTES:

- 1. FRAME CONSTRUCTION
 - 1.1. MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - 1.2. STEELCRAFT FRAME OPTIONS AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 2, SHEET 7). REPUBLIC DOOR FRAME OPTIONS AVAILABLE AS FLUSH (ME-SERIES) AND MULTI-USE (SE-SERIES) (SEE TABLE 5, SHEET 17).
- 2. FOR FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3, SHEET 7 AND TABLE 6, SHEET 17.
- 3. FRAME CORNER WELD: CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX. SEE SHEET 7 & 17 FOR DETAIL.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND DESIGN PRESSURE TABLE
2	SIDELITE & BORROWED LITE CONFIG.
3	OPENING DIMENSIONS SIDELITE & BORROWED LITE & BOM
4	VERTICAL SECTION VIEWS
5	HORIZONTAL SECTION VIEWS
6	PROFILE & CONNECTION DETAILS
7	STEELCRAFT: FRAME DETAILS, MATERIAL SPECS & CORNER CONSTRUCTION
8	GLAZING PANEL DETAILS
9	ANCHORS - WIRE OR T MASONRY INTO GROUT FILLED FRAME AND GROUT FILLED BLOCK WALL
10	ANCHORS - EMA ANCHOR INTO CONCRETE WALL OR 2000 PSI GROUT FILLED CMU
11	ANCHORS - WOOD STUD JAMB ANCHOR
12	ANCHORS - EXISTING WALL JAMB ANCHOR W/ LAG SCREW INTO WOOD STUD WALL
13	ANCHORS - STRUCTURAL C CHANNEL JAMB ANCHOR
14	ANCHORS - POURED CONCRETE TILT WALL CONSTRUCTION
15	ANCHORS - STEEL STUD ANCHOR
16	FRAME HEAD & SILL ANCHOR DETAILS
17	REPUBLIC DOORS: FRAME DETAILS, MATERIAL SPECS & CORNER CONSTRUCTION

DESIGN PRESSURE RATING	IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	LARGE AND SMALL MISSILE IMPACT (LMI - 50 FPS)
+60 PSF / -60 PSF	



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GENERAL NOTES &
DESIGN PRESSURE TABLE

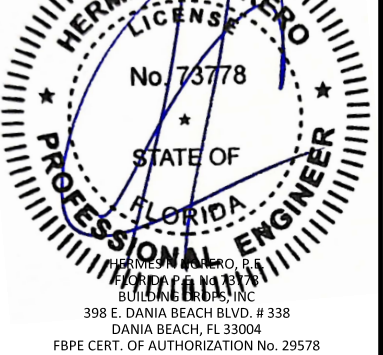
PREPARED BY:

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REMARKS	BY	DATE
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Reason: I am approving this document
Date: 2023.08.16 14:58:11 -0400



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SHEET:	1



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SIDELITE & BORROWED
LITE CONFIG.

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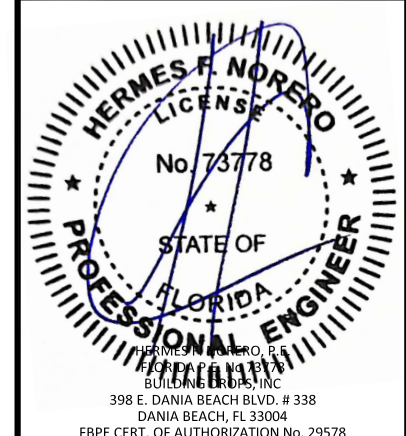


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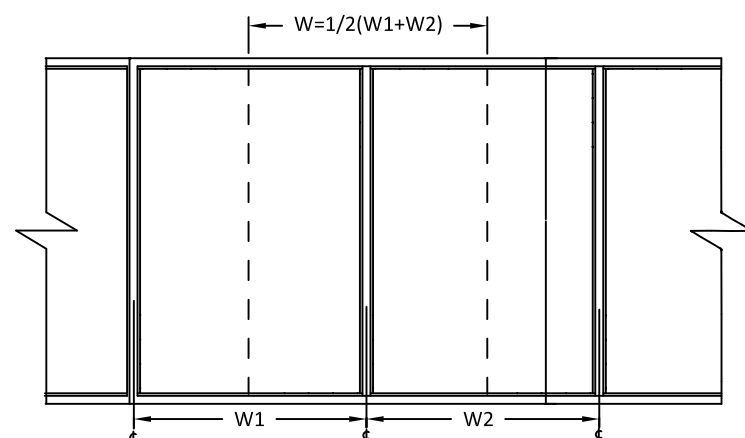
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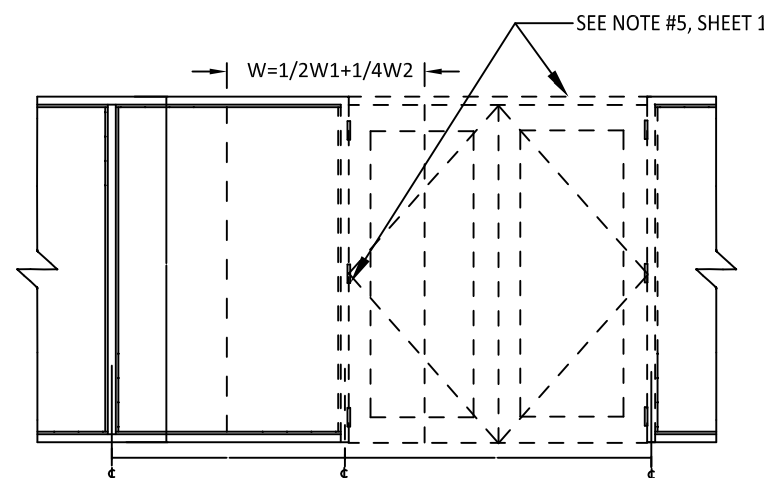
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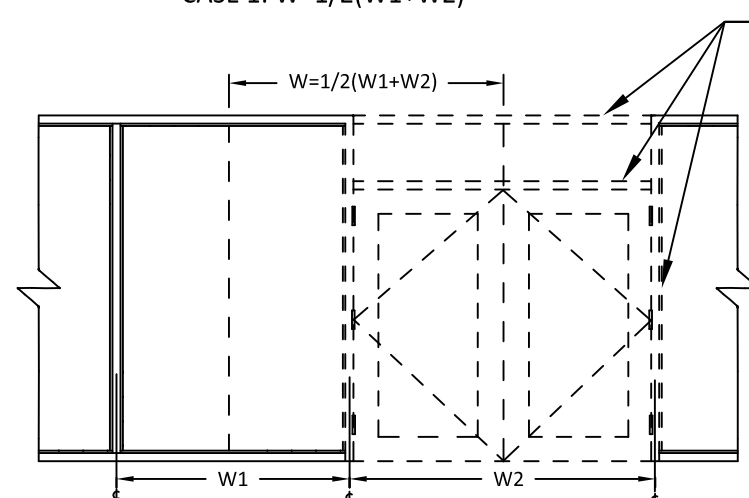
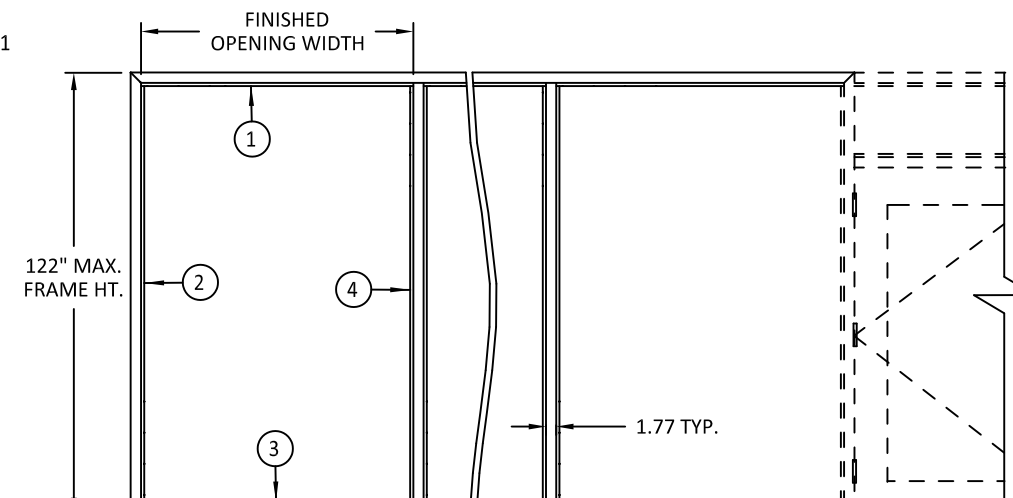
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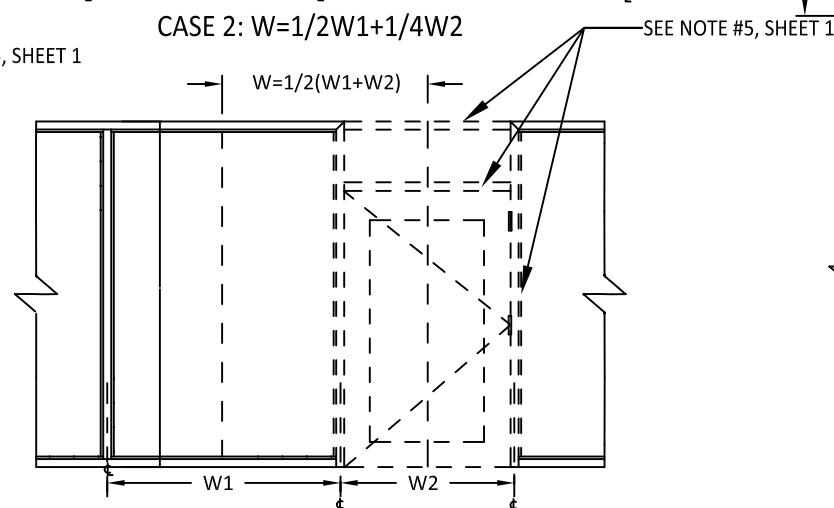
CASE 1: $W=1/2(W1+W2)$



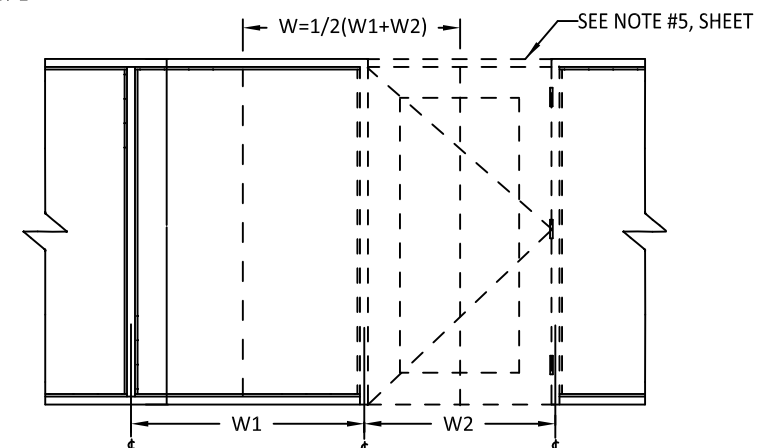
CASE 2: $W=1/2W1+1/4W2$



CASE 3: $W=1/2(W1+W2)$



CASE 4: $W=1/2(W1+W2)$



CASE 5: $W=1/2(W1+W2)$

NOTES:

FRAME SIZE AND MULLION CAPACITY LIMITATIONS

GEOMETRICAL FRAME DIMENSIONS ARE LIMITED BY MULLION CAPACITY & MUST SATISFY THE
FOLLOWING CONDITIONS:

H= FRAME HEIGHT W= LOAD AREA WIDTH, W1 & W2= SPACING BETWEEN MULLIONS

MAX FRAME HEIGHT OF 86" AND MAX WIDTH OF 58"

OR

MAX FRAME HEIGHT OF 122" AND MAX WIDTH OF 38"

SMALLER SIZES WHICH FIT WITHIN THESE LIMITATIONS ARE QUALIFIED AUTOMATICALLY
(SEE CASE 1 THRU 5 ON THIS SHT.)

MAXIMUM DLO (HEIGHT) = FRAME H MAX. - 5.25"

MAXIMUM DLO (WIDTH) = W MAX. - 3.25"

4421.1 SQ. IN. MAX. DLO AREA



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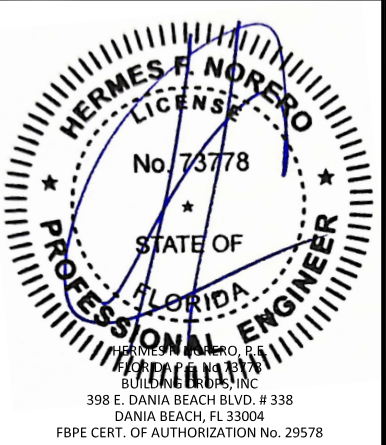
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OPENING DIMENSIONS
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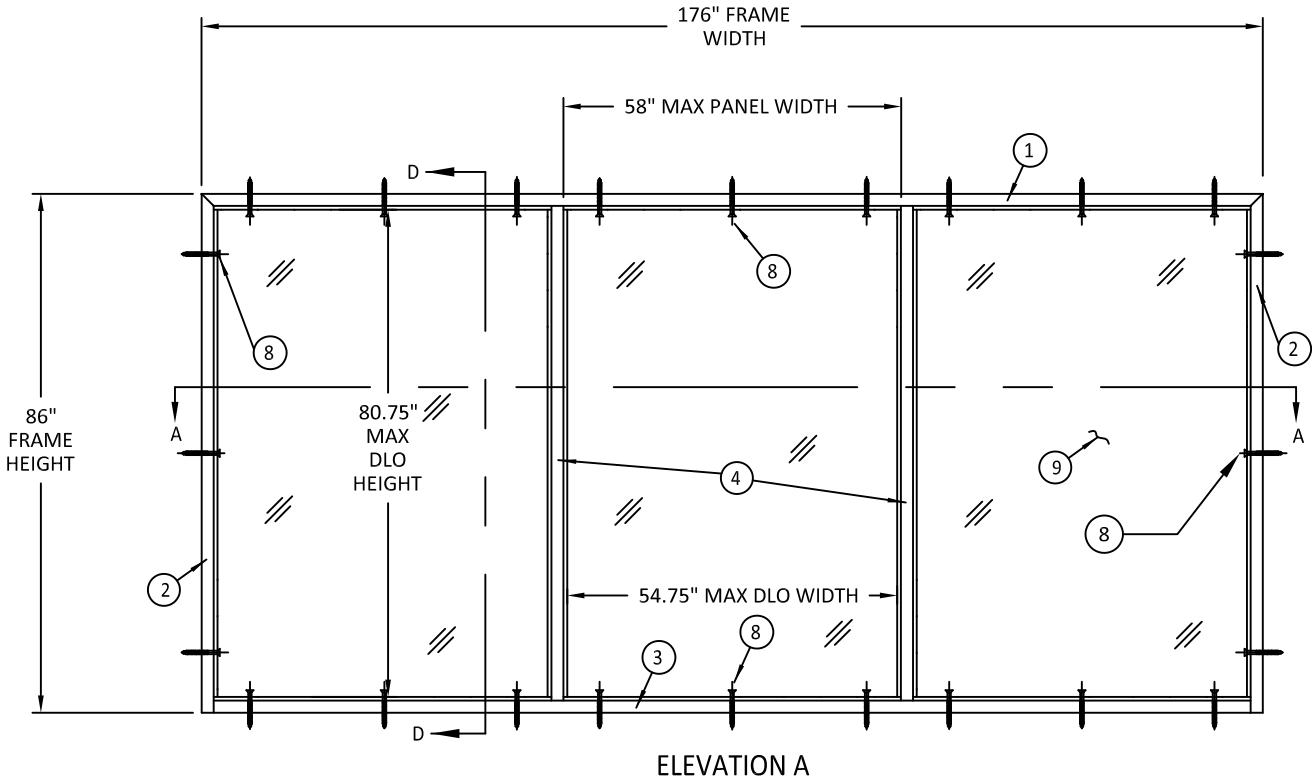


TABLE 1A - ELEVATION A				
ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	PERIMETER HEAD SEE SHT 6.	.053" MIN. STL	MAX. 176"
2	2	PERIMETER JAMB SEE SHT 6.	.053" MIN. STL	MAX. 86"
3	1	PERIMETER SILL SEE SHT 6.	.053" MIN. STL	MAX. 176"
4	2	CLOSED SECTION VERT. MULLION	.053" MIN. STL	MAX. 82"
5	4	SILL BASE ANCHOR	.053" MIN. STL	-
6	2	JAMB BASE ANCHOR	-	-
7	AS NEEDED	C MULLION REINFORCEMENT	STL	-
8		JAMB ANCHOR - OPTIONS VARY	-	-
9	VARIES	GLAZING MATERIAL	-	-
10	12	FRAME GLAZING BEAD (STOP)	.035" MIN. STL	.375" X .625" X 110"

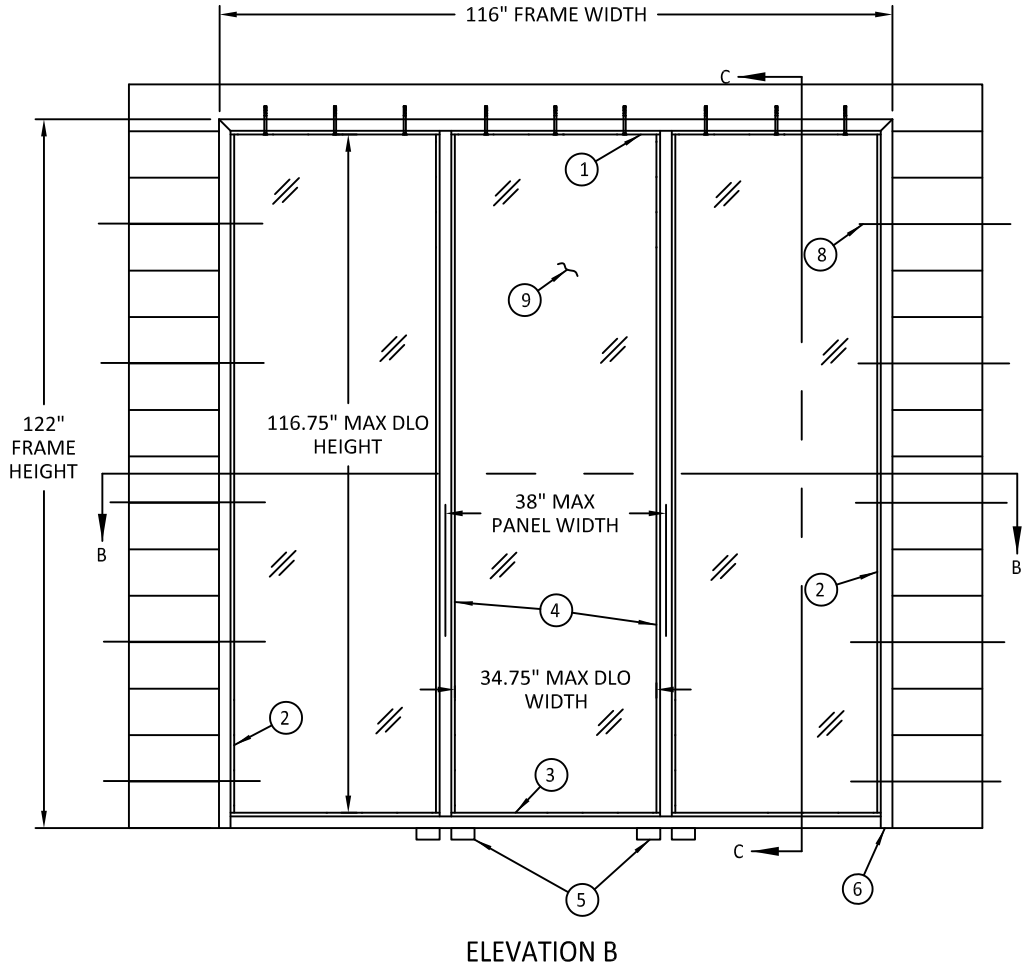
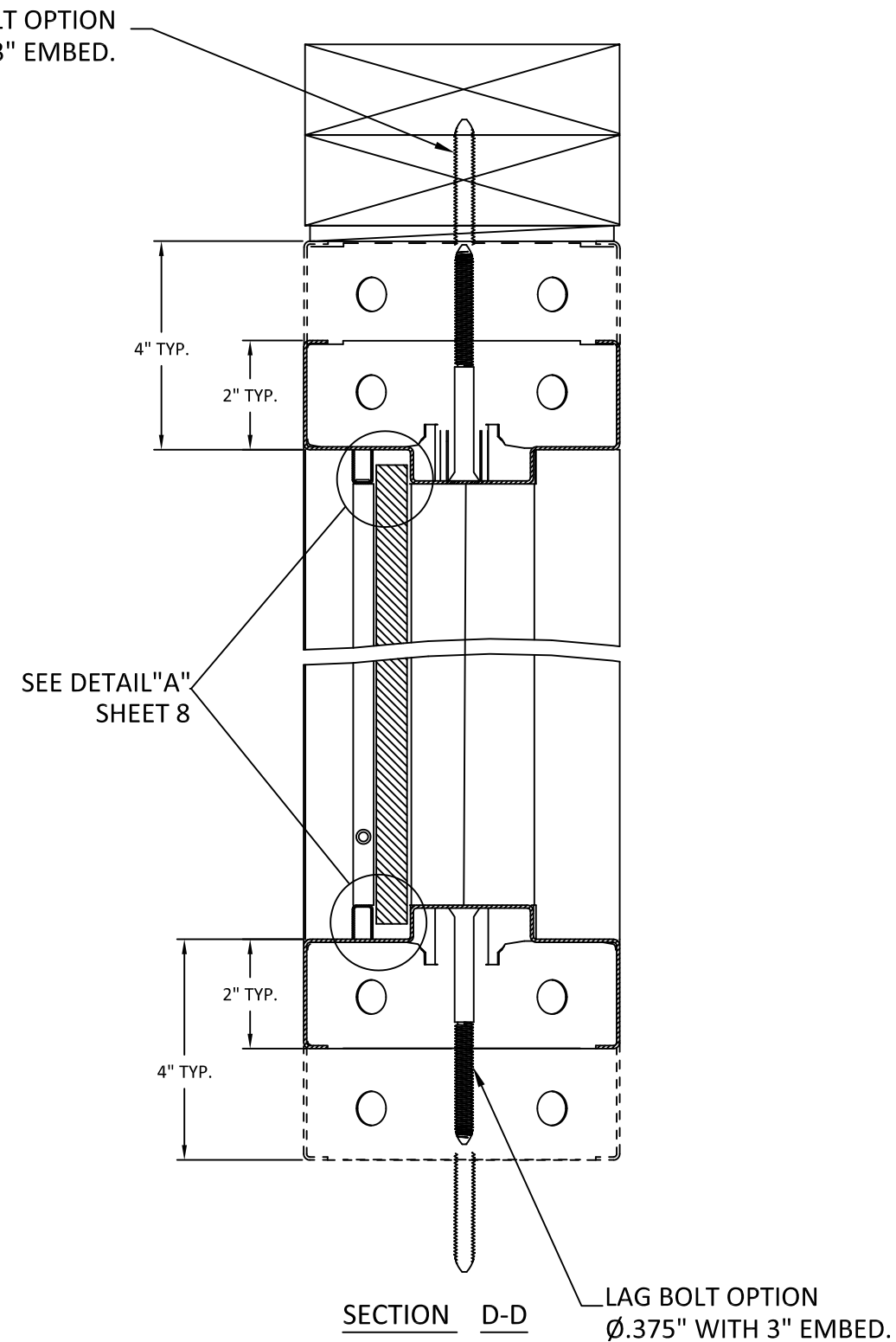
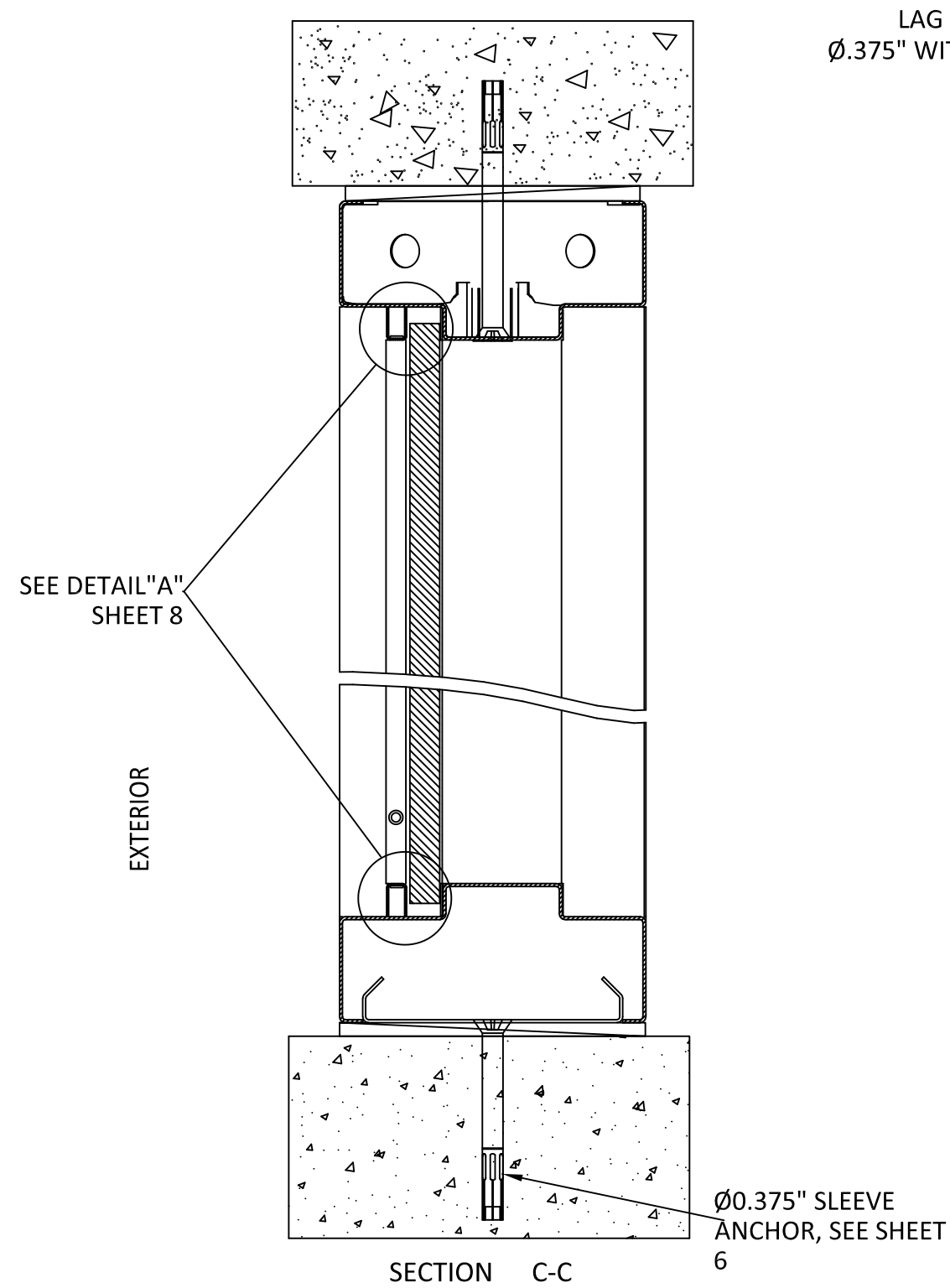


TABLE 1B - ELEVATION B				
ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	PERIMETER HEAD SEE SHT 6.	.053" MIN. STL	MAX. 116"
2	2	PERIMETER JAMB SEE SHT 6.	.053" MIN. STL	MAX. 122"
3	1	PERIMETER SILL SEE SHT 6.	.053" MIN. STL	MAX. 116"
4	2	CLOSED SECTION VERT. MULLION	.053" MIN. STL	MAX. 118"
5	4	SILL BASE ANCHOR	.053" MIN. STL	-
6	2	JAMB BASE ANCHOR	-	-
7	AS NEEDED	C MULLION REINFORCEMENT	STL	-
8		JAMB ANCHOR - OPTIONS VARY	-	-
9	VARIES	GLAZING MATERIAL	-	-
10	12	FRAME GLAZING BEAD (STOP)	.035" MIN. STL	.375" X .625" X 110"



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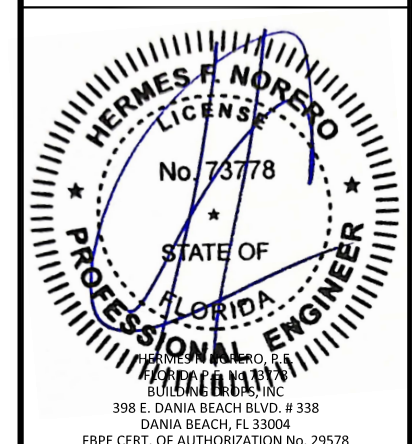
VERTICAL SECTION VIEWS

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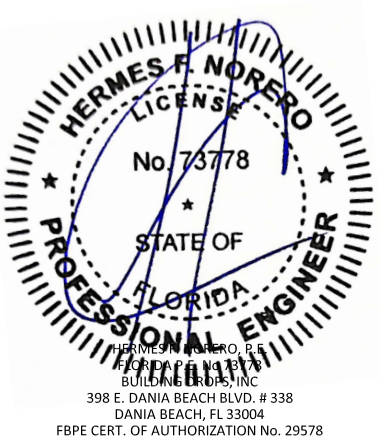
HORIZONTAL SECTION VIEWS

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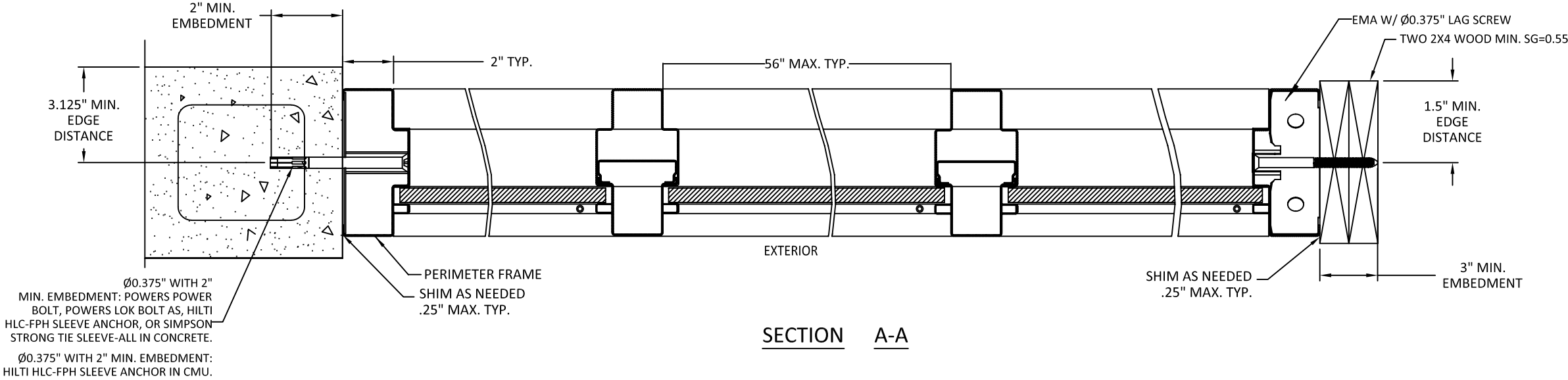
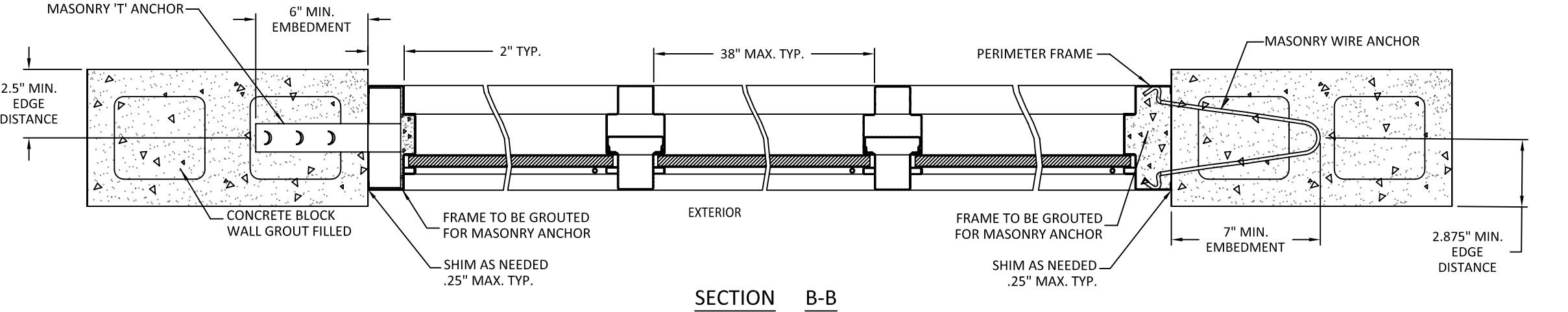
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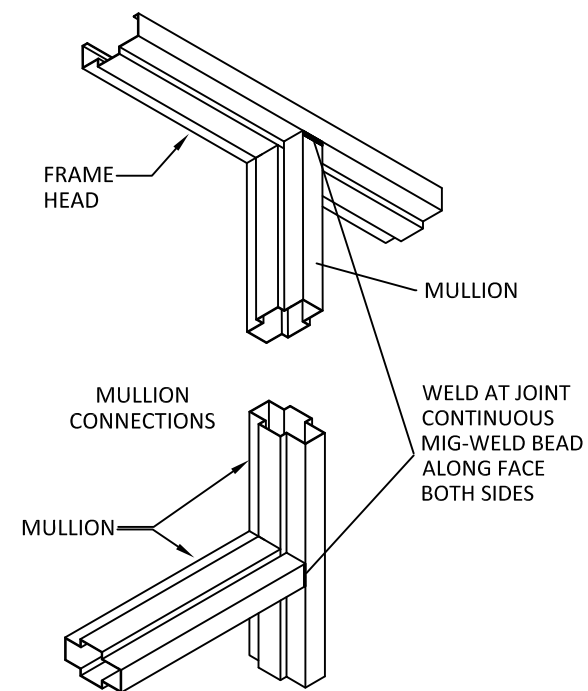
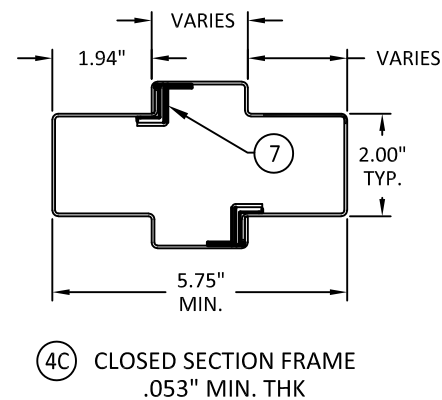
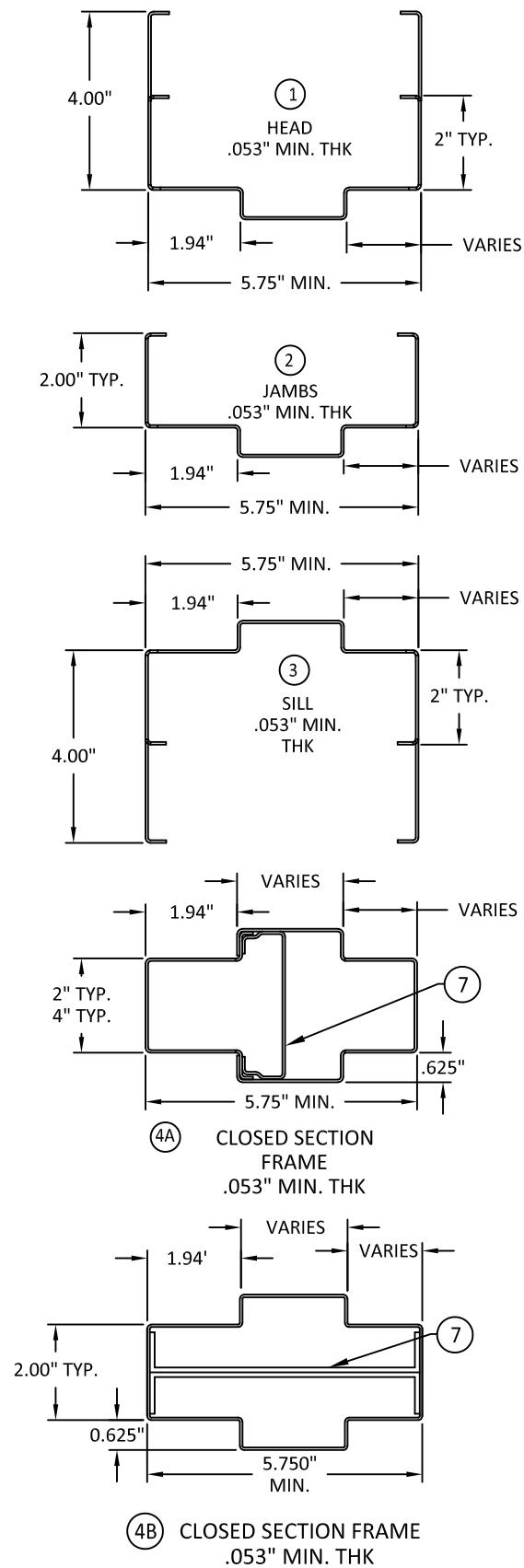
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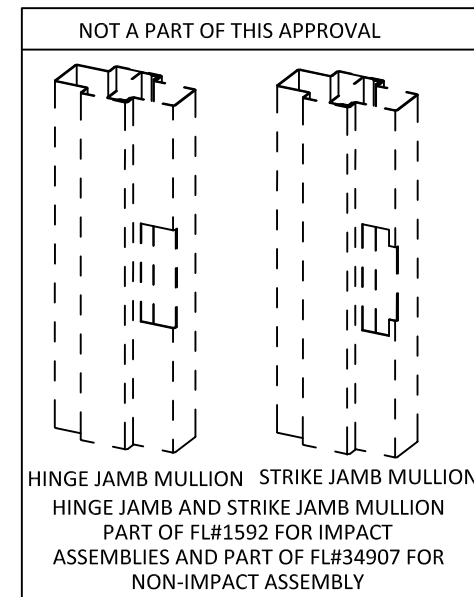
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HEAD NOTCHED & BUTTED BETWEEN JAMBS



NOTE: FRAME HEAD FACE DIMENSION GREATER THAN 2" MUST BE FULLY GROUTED DURING INSTALLATION



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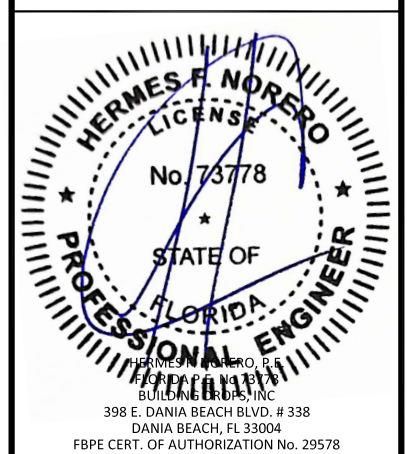
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PROFILE & CONNECTION DETAILS

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OF 17

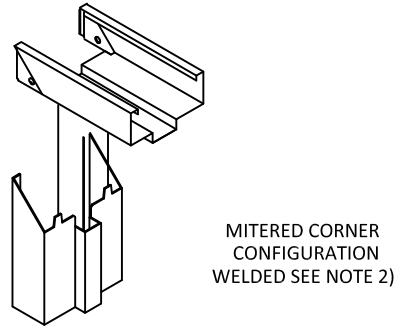
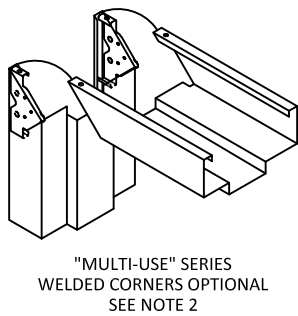
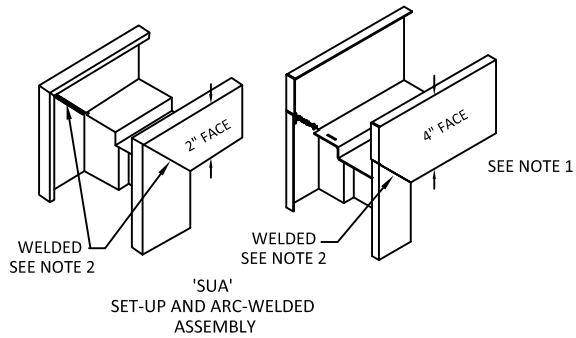
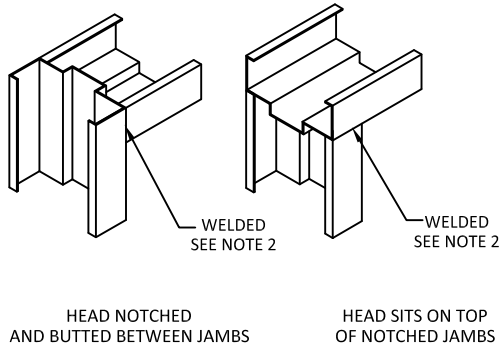


TABLE 2. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

JAMB DEPTH	FRAME SERIES	FRAME MATERIAL		FRAME ELEVATION A SIZE, MAX.		FRAME ELEVATION B SIZE, MAX.		GLAZING MATERIAL OPTIONS	
		DESCR.	GA./MIN. THK	WIDTH	HEIGHT	WIDTH	HEIGHT	DESC. SEE SHT. 8	THICKNESS
F	5.75" MIN.	CRS/HRS GALV	16/.053" 14/.067" 12/.099"	14'8" (176")	7'2" (86")	9'8" (116")	10'2" (122")	DETAIL "B" SHEET 8 LAMINATED GLASS WITH 0.09" KURARAY SENTRYGLAS INTERLAYER	.56" TYP.
		STAINLESS STEEL	16/.053"					DETAIL "C" SHEET 8 LAMINATED GLASS SUPERLITEII BY SAFTI	1.06" TYP.
MU	5.75" MIN.	CRS/HRS GALV	16/.053" 14/.067"					DETAIL "E" SHEET 8 LAMINATED GLASS SUPERLITEII BY SAFTI	1.438" TYP.
								DETAIL "D" SHEET 8 NON-IMPACT RESISTANT TEMPERED GLASS NON-WIND BORNE DEBRIS AREAS ONLY	.375" TYP.

NOTES:

1. FRAME CONSTRUCTION

1.1. MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"

1.2. FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE(MU-SERIES) (SEE TABLE 2)

1.3. FOR GLAZING DETAILS REFER TO SHEET 8.

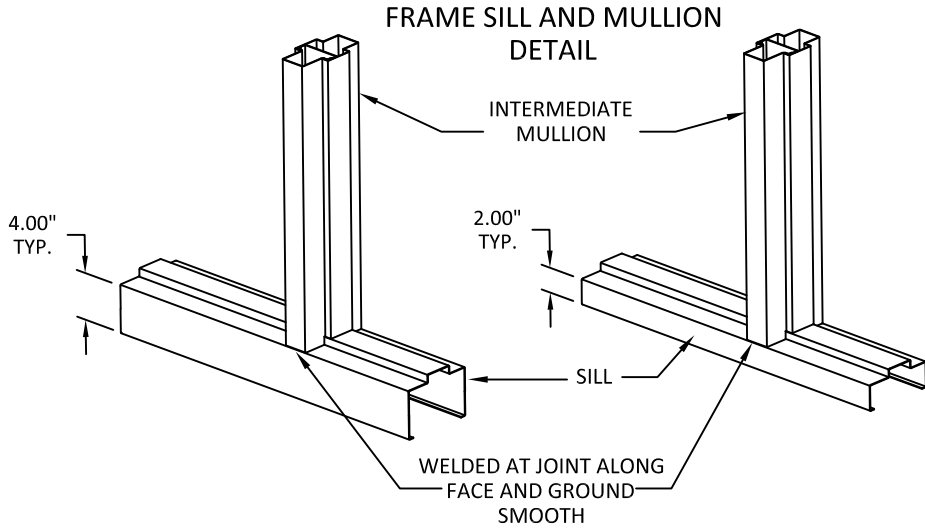
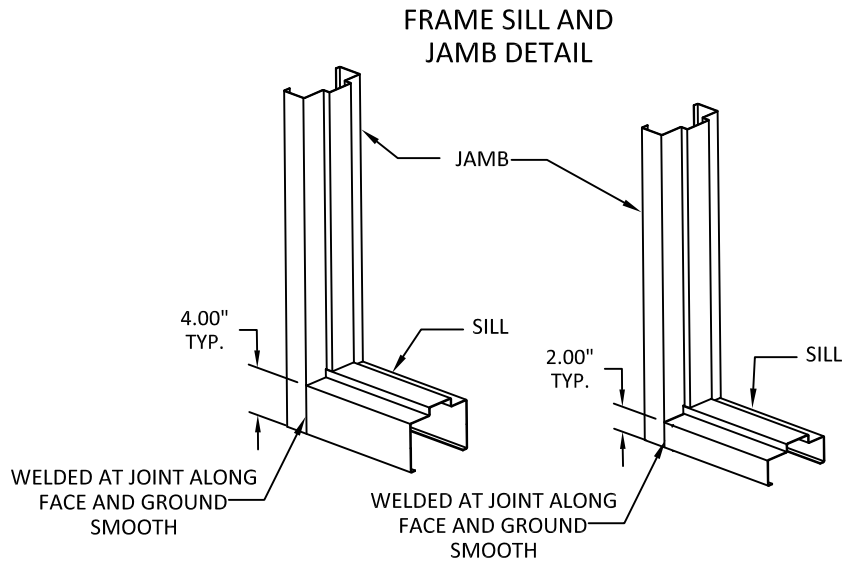
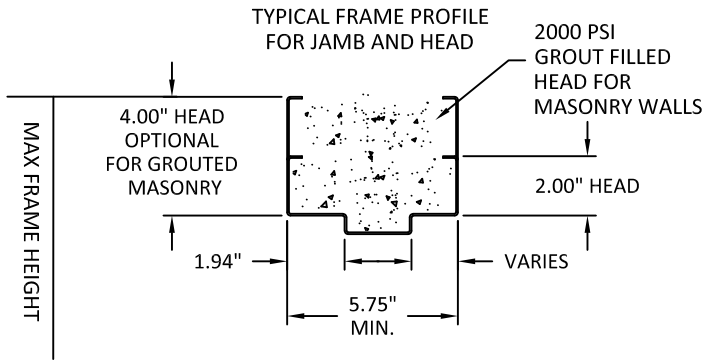
1.4. STOREFRONT AND BORROWED LITE SIZES SHOWN (AS TESTED) ARE MAX. SIZES AVAILABLE. MULTIPLE LITES ARE ACCEPTABLE WITH TOTAL DIMENSIONS LESS OR EQUAL TO THE SHOWN MAX. DIMENSIONS SHOWN IN TABLE 2.

1.5. GROUTED 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES AND WITHIN MAXIMUM FRAME HEIGHT LIMITATIONS.
2. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND SMOOTH AND PRIME PAINT.

WELD CLASSIFICATION - E70XX
3. SEE TABLE 3 FOR MATERIAL SPECIFICATIONS FOR FRAMES.

TABLE 3. STEEL FRAME MECHANICAL PROPERTIES

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



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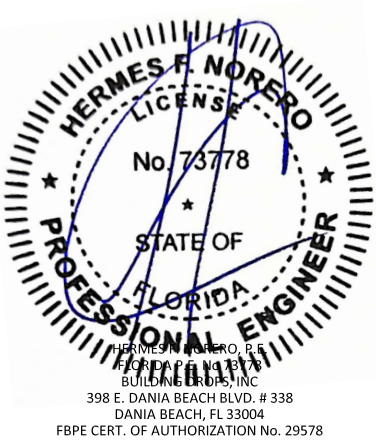
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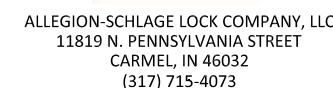
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GLAZING PANEL DETAILS

BUILDING DROPS, INC.

REMARKS	BY	DATE
2023 FBC UPDATE	DI	04.04.23

HERMES F. NORERO, P.E.
 BUILDING DEPT., INC.
 398 E. DANIA BEACH BLVD. # 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 04.04.23

SCALE: NTS

SHEET:	
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OF 17

⑩ GLAZING BEAD (STOP)
20 GAGE

TEMPERED GLASS

EXTERIOR

INTERIOR

0.375" TYP.

DETAIL 'D'
NON-IMPACT RESISTANT OPTION
WITH TEMPERED GLASS

NOTE: NON-IMPACT RESISTANT GLASS IS NOT TO BE USED IN NON-IMPACT RESISTANT AREAS.

Diagram illustrating the exploded view of a window assembly, showing the relationship between various components:

- 0.090" SENTRYGLAS® INTERLAYER**: The interlayer material.
- 0.25" TEMPERED GLASS**: The glass panes.
- INTUMESCENT GLASS**: The intumescent glass component.
- 1-1/16" SUPERLITE II-XL™ BY SAFTI WITH KURARAY SENTRYGLAS INTERLAYER**: The intumescent glass detail, showing the interlayer.
- EXTERIOR**: The outer side of the assembly.
- INTERIOR**: The inner side of the assembly.

GLAZING TYPES AND METHODS	
BORROWED LITE & SIDELITE GLAZING OPTIONS	GLAZING SEALANT
3/8" TYP. TEMPERED GLASS	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983
9/16" TYP. HS LAMINATED GLASS	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983
1-1/16" TYP. THICK SUPERLITE II-XLTM	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983
1-7/16" TYP. THICK SUPERLITE II-XLTM	SIKAFLEX 222UV,295UV,552 OR DOW CORNING 995/983

NOTES:

1. SEE SHTS. 3, 7, AND 17 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHTS. 9-16 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM
3. SEE SHTS. 7 & 17 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
4. INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS

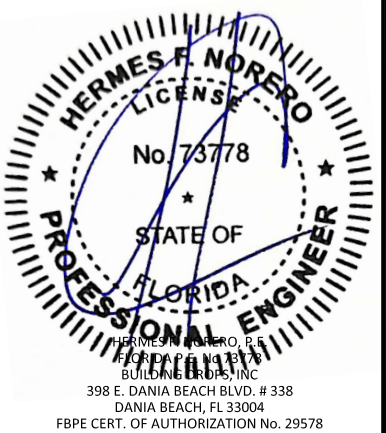


PREPARED BY:

BUILDING DROPS, INC.

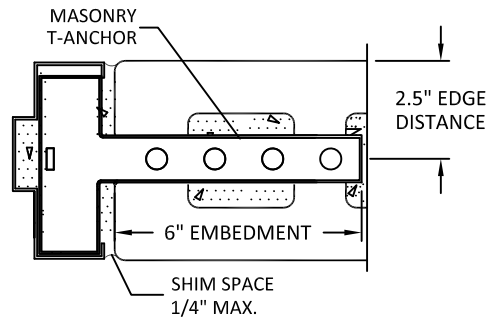
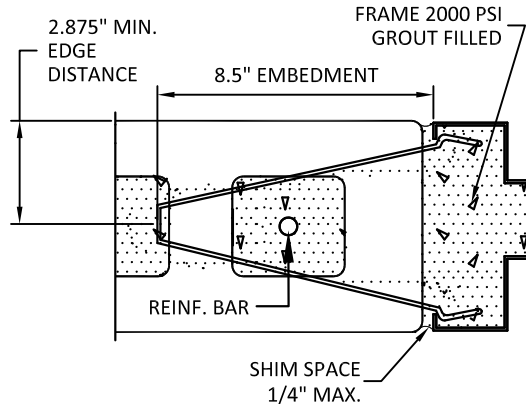
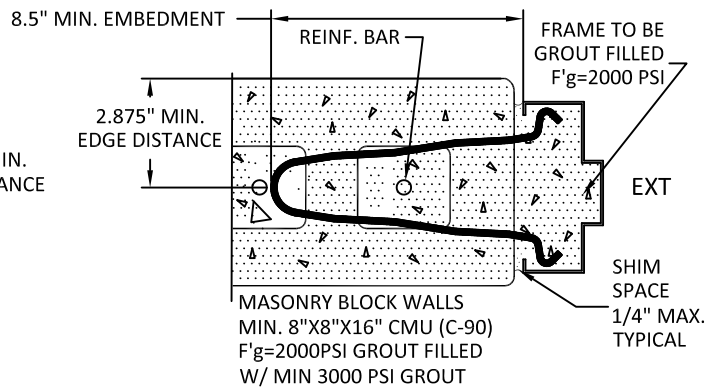
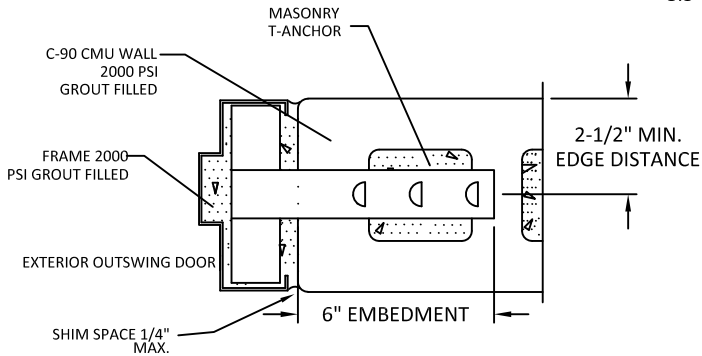
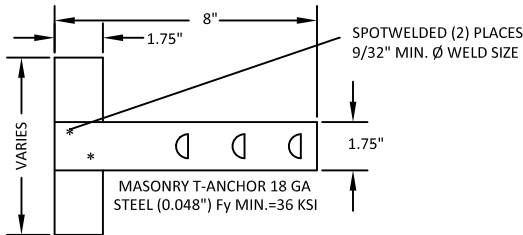
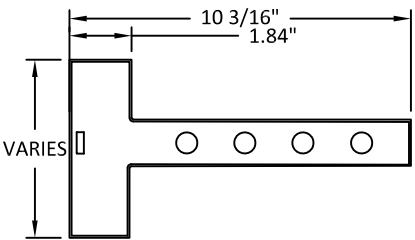
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



DATE: 04.04.23	
DWG. BY: DI	CHK. BY: HFN
SCALE: NTS	
DWG. #: F1107W	REV N

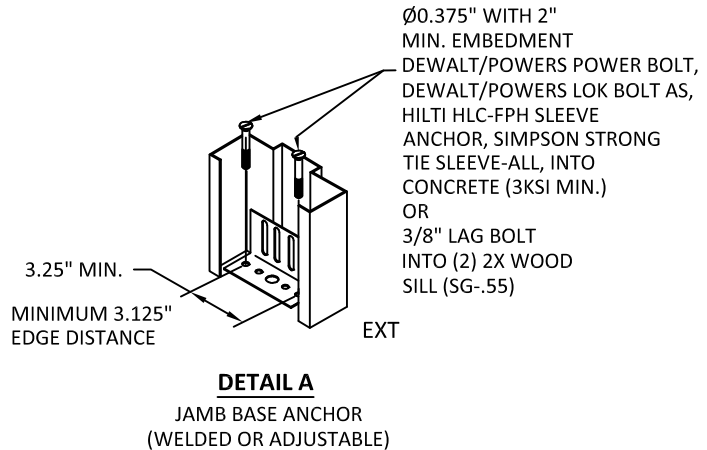
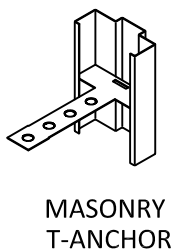
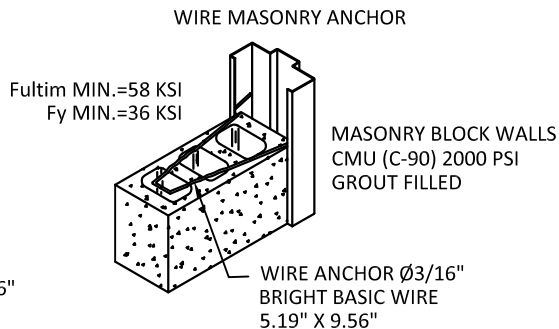
OF 17



WIRE MASONRY ANCHOR

MASONRY T-ANCHOR

WIRE ANCHOR $\varnothing 3/16"$
BRIGHT BASIC WIRE
5.19" X 9.56"
 F_y MIN.=58 KSI





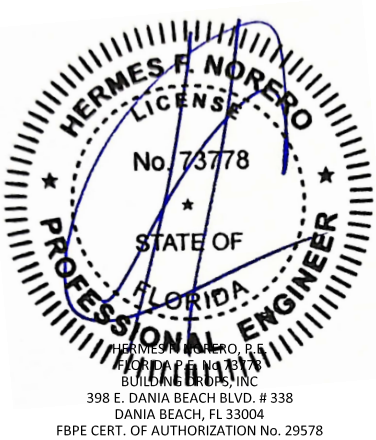
ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
(317) 715-4073

TITLE: *STEEL BORROWED LITE
SYSTEM FOR USE IN CONJUNCTION
WITH STOREFRONT ENTRANCE
SYSTEMS
(HVHZ)(IMPACT)*
ANCHORS - EMA ANCHOR INTO
CONCRETE WALL OR 2000 PSI
GROUT FILLED CMU

PREPARED BY:
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DANIA BEACH, FL 33004
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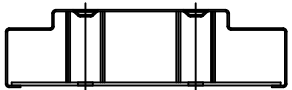
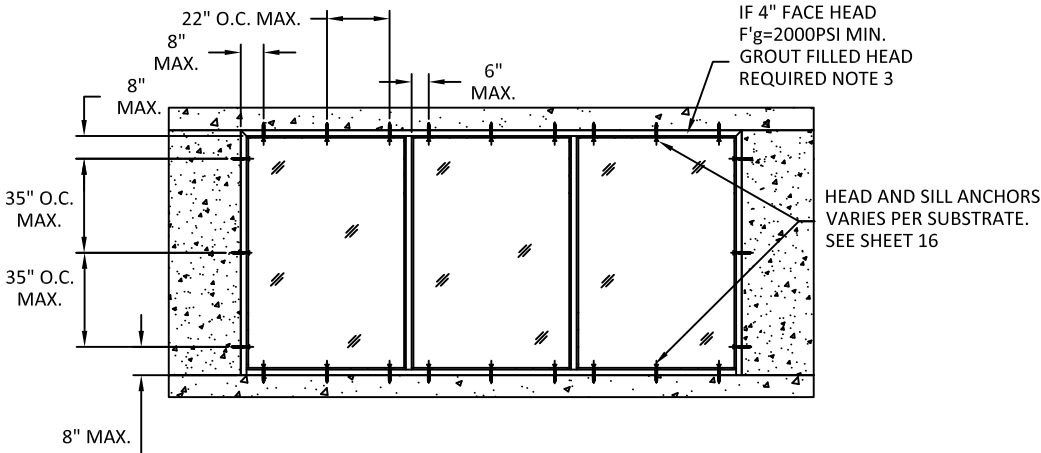
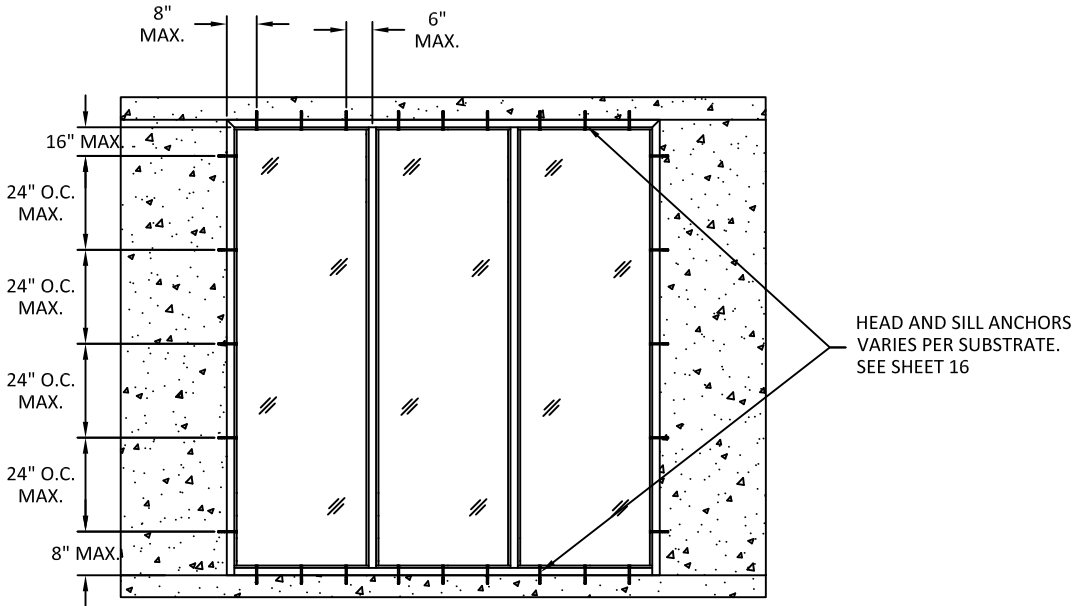


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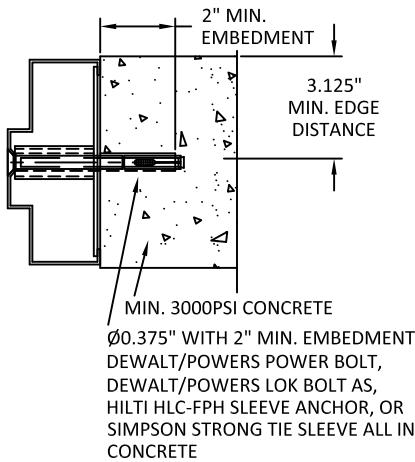
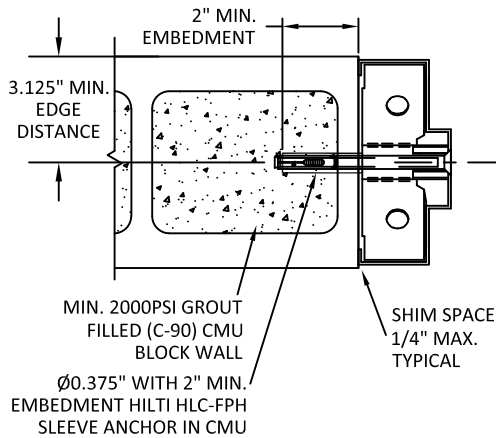
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REV	N

SHEET:
10
OF 17

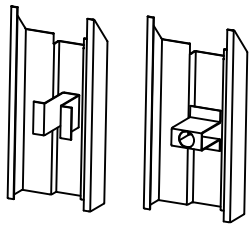
B **PREPARED OPENING JAMB ANCHOR (POA)
INTO CONCRETE WALL OR
2000PSI GROUT FILLED CMU**



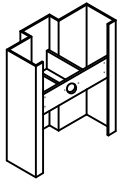
9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



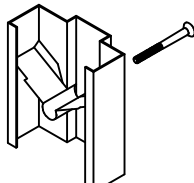
- NOTES:
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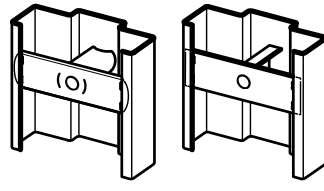
POA ANCHOR



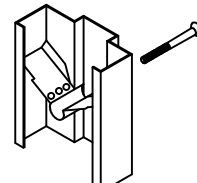
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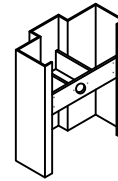
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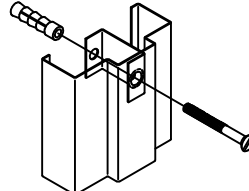
TUBE/CHANNEL &
PLATE BOLT-IN



LOCK-IN

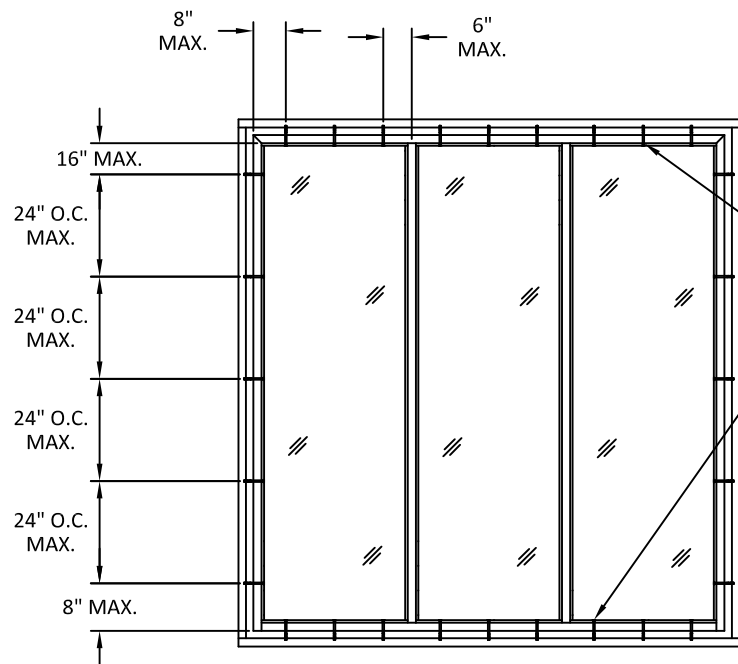


TUBE AND STRAP

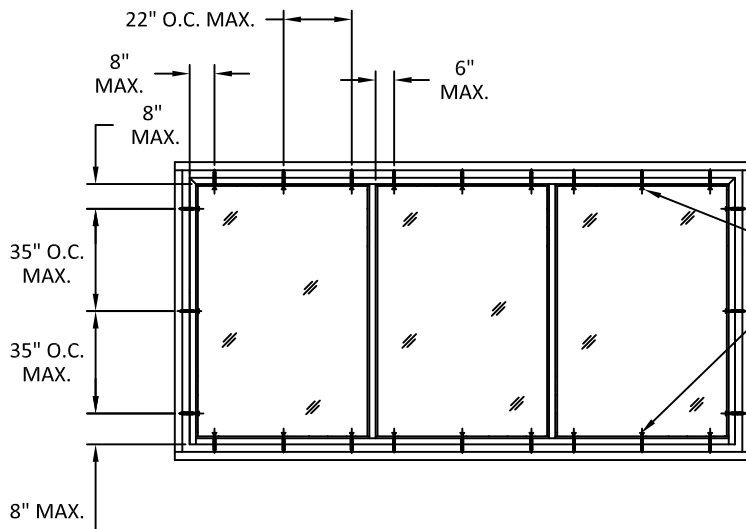


POA ANCHOR

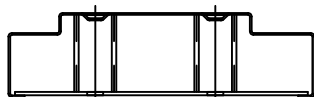
C WOOD STUD JAMB ANCHOR



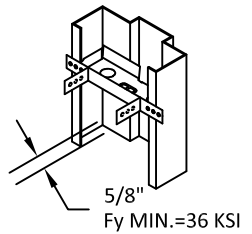
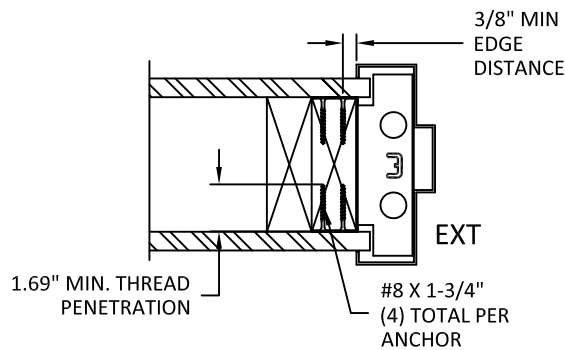
HEAD AND SILL ANCHORS
VARIES PER SUBSTRATE.
SEE SHEET 16



HEAD AND SILL ANCHORS
VARIES PER SUBSTRATE.
SEE SHEET 16



9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



WOOD STUD OR
UNIVERSAL ANCHOR
(LOCK-IN OR WELD-IN)

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(HVHZ)(IMPACT)*

ANCHORS - WOOD STUD JAMB
ANCHOR

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FL4622

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DI

CHK. BY:
HFN

SCALE: NTS

DWG. #: F1107W

REV N

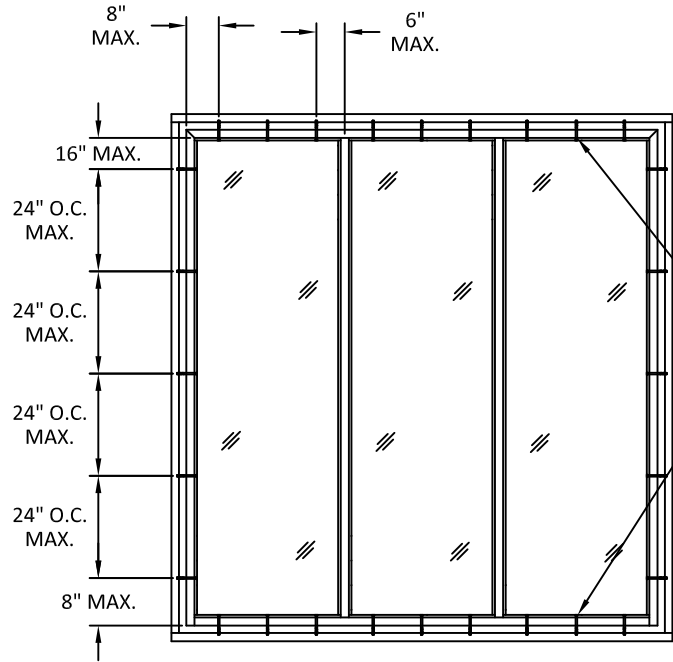
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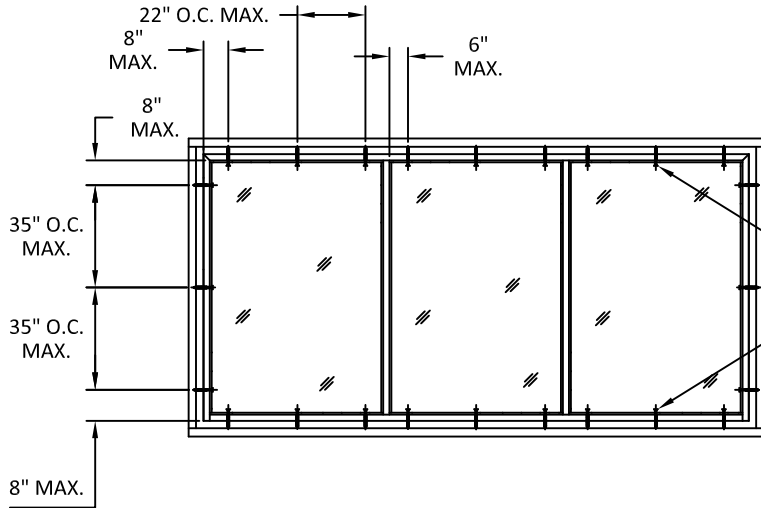
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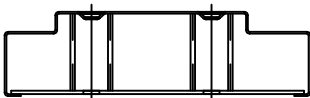
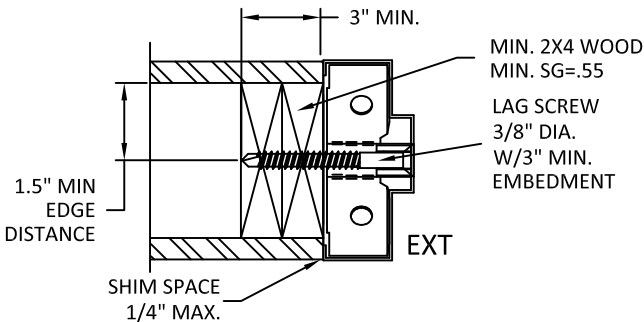
**PREPARED OPENING JAMB ANCHOR (POA)
WITH LAG SCREW INTO WOOD STUD WALL**



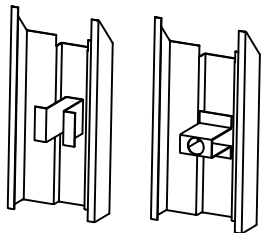
HEAD AND SILL ANCHORS
VARIES PER SUBSTRATE.
SEE SHEET 16



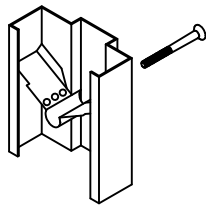
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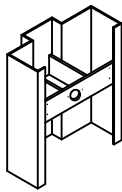
9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



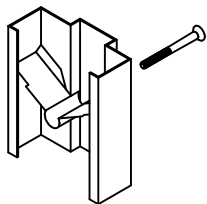
POA ANCHOR



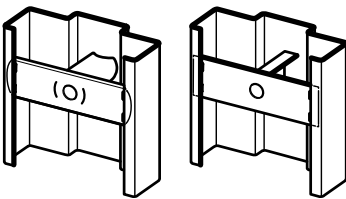
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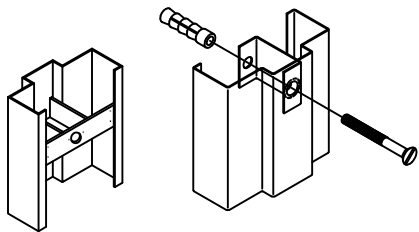
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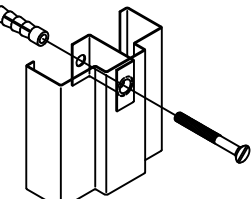
LOCK-IN



TUBE/CHANNEL &
PLATE BOLT-IN



TUBE AND STRAP



POA ANCHOR

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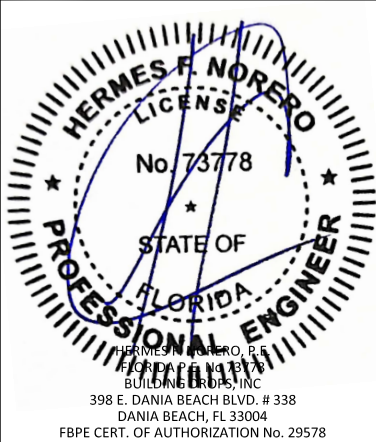
TITLE: *STEEL BORROWED LITE
SYSTEM FOR USE IN CONJUNCTION
WITH STOREFRONT ENTRANCE
SYSTEMS
(HVHZ)(IMPACT)*
ANCHORS - EXISTING WALL JAMB
ANCHOR W/ LAG SCREW INTO
WOOD STUD WALL

PREPARED BY:

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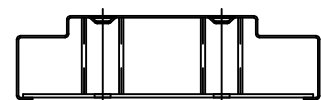
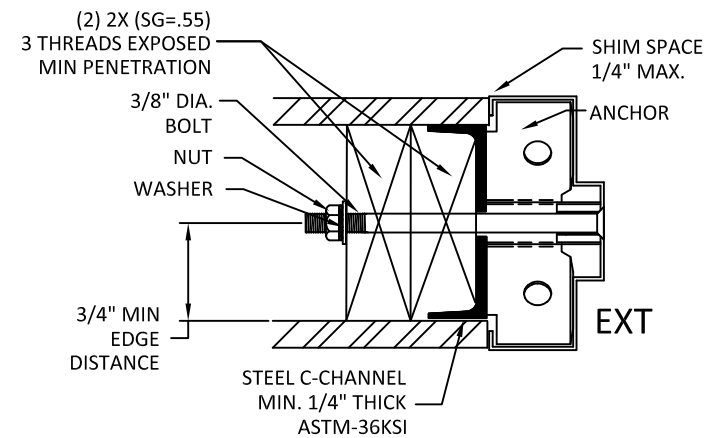
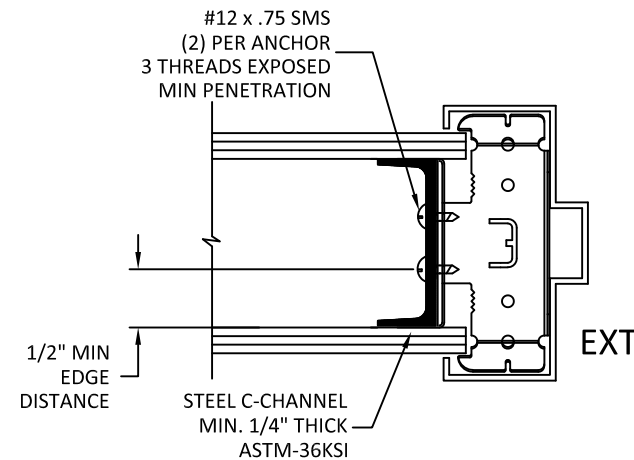
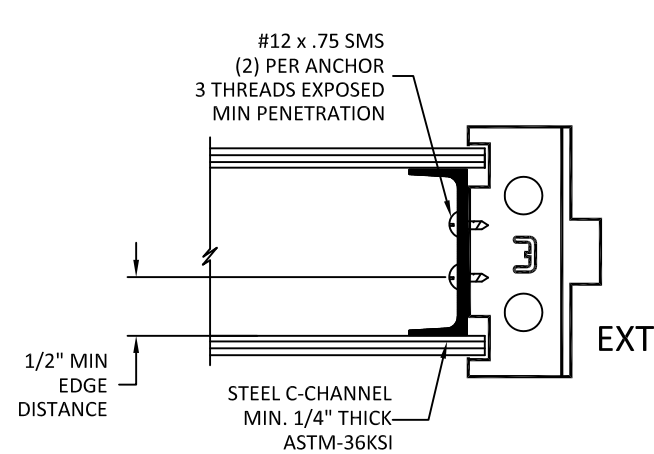
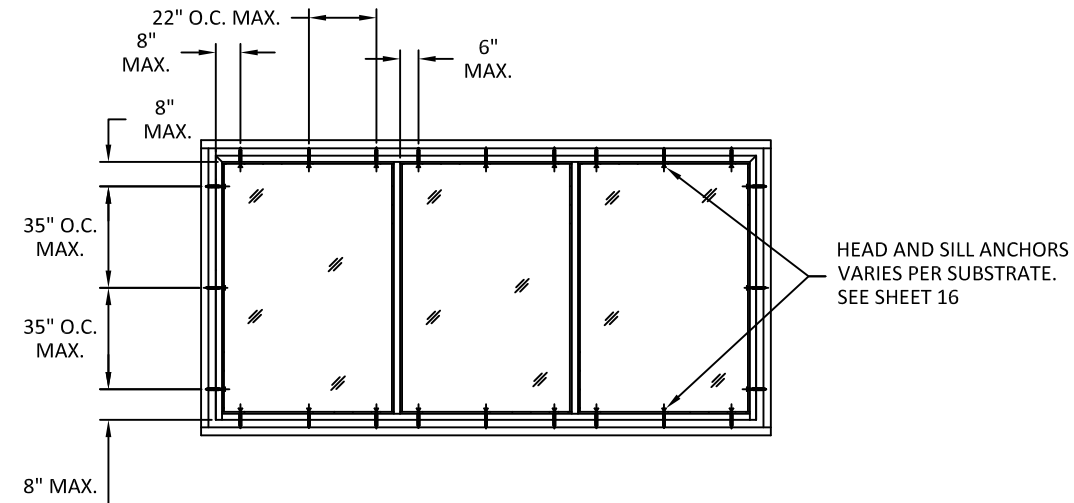
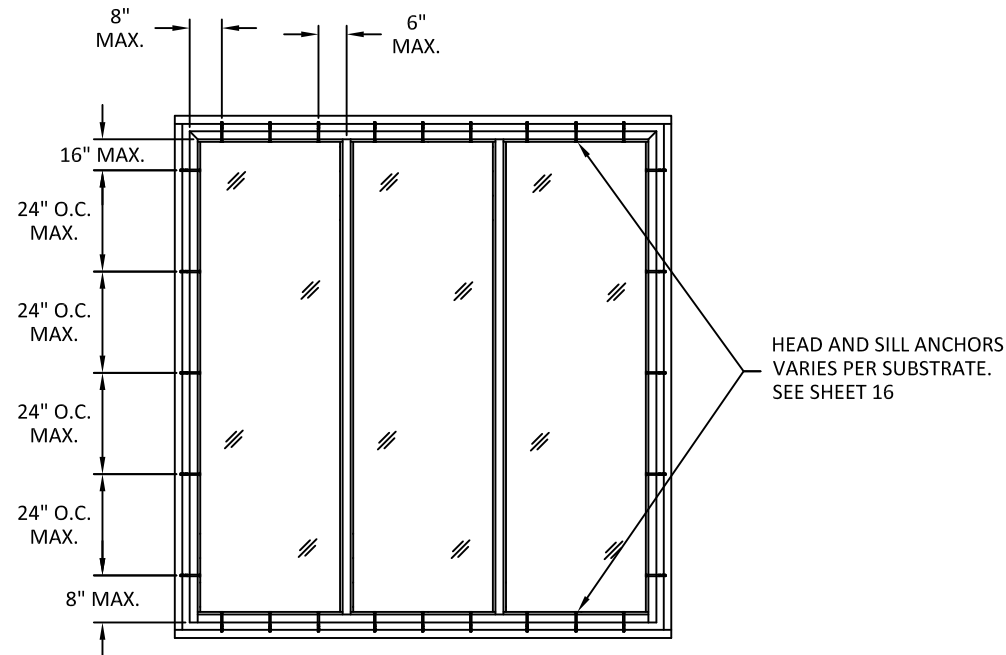
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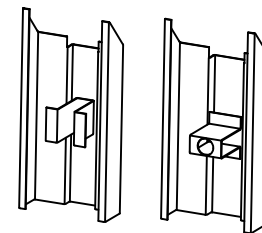
12

OF 17

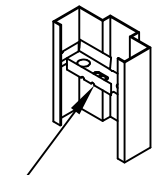
E STRUCTURAL C CHANNEL JAMB ANCHOR



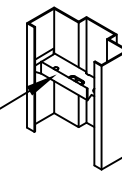
9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



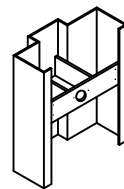
POA ANCHOR



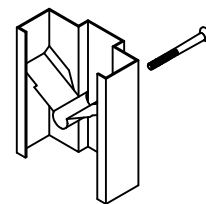
STEEL STUD ANCHOR
WELD-IN OR LOCK-IN



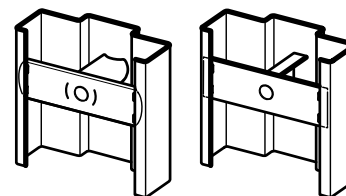
UNIVERSAL ANCHOR
WELD-IN OR LOCK-IN



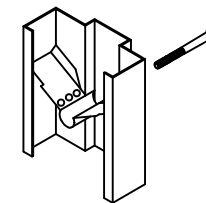
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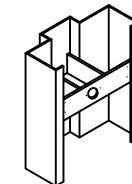
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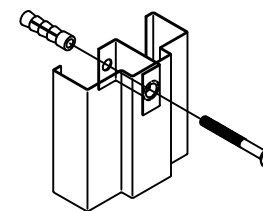
TUBE/CHANNEL &
PLATE BOLT-IN



LOCK-IN



TUBE AND STRAP



POA ANCHOR

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ALLEGION-SCHLAGE LOCK COMPANY, LLC
11819 N. PENNSYLVANIA STREET
CARMEL, IN 46032
(317) 715-4073

TITLE: *STEEL BORROWED LITE
SYSTEM FOR USE IN CONJUNCTION
WITH STOREFRONT ENTRANCE
SYSTEMS
(HVHZ)(IMPACT)*

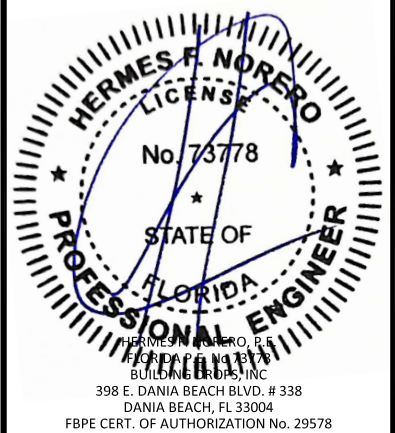
ANCHORS - STRUCTURAL C CHANNEL
JAMB ANCHOR

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
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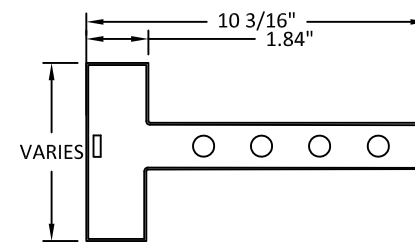
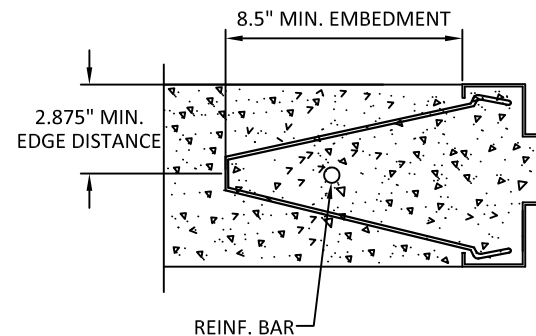
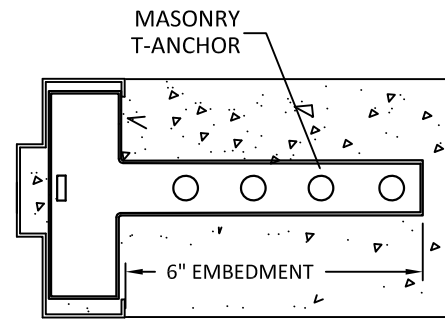
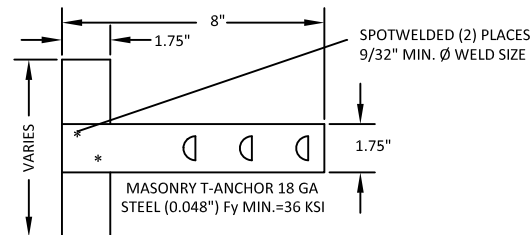
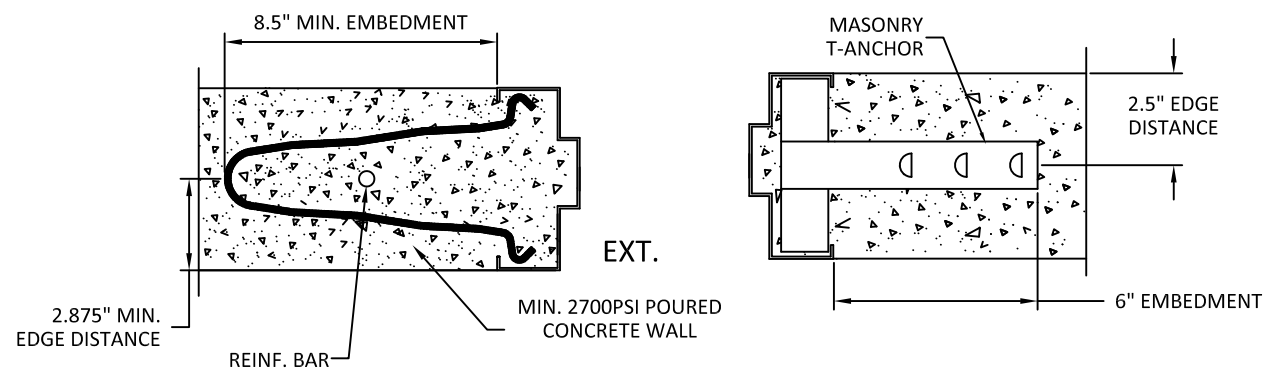
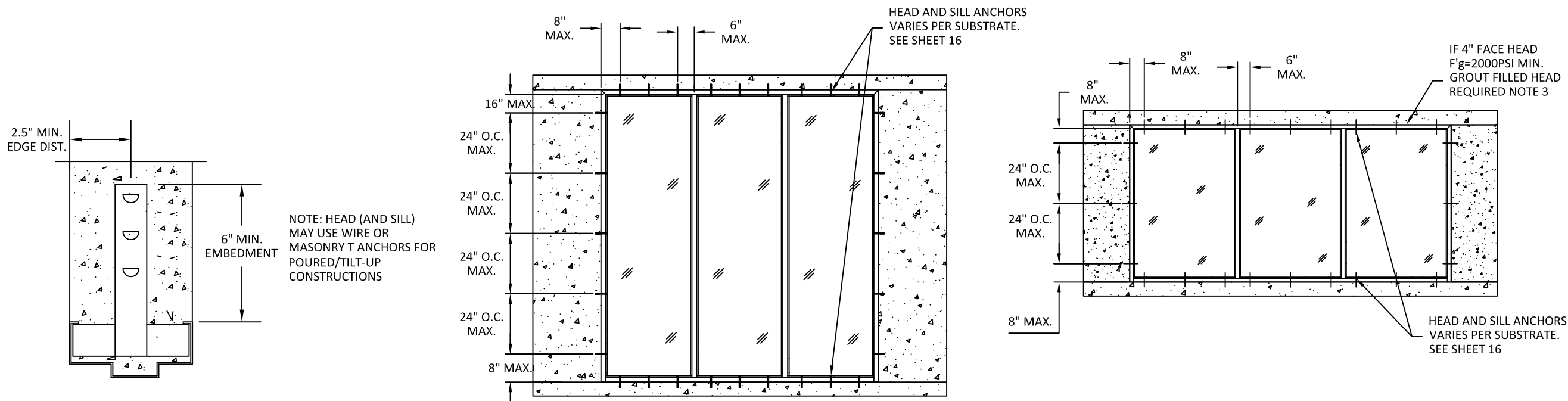
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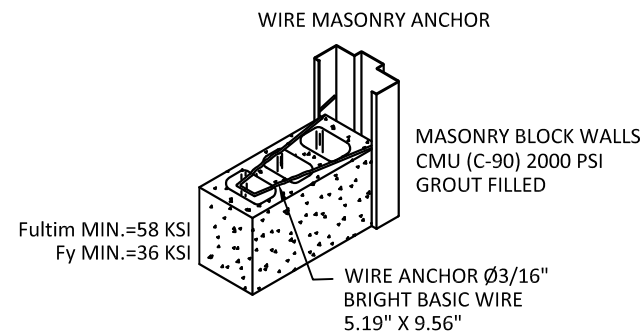
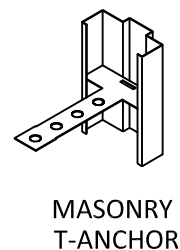
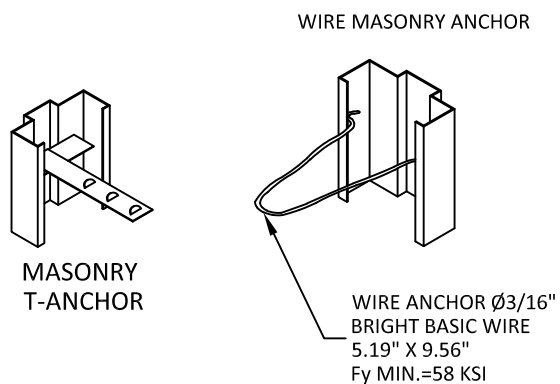
13

OF 17

F **POURED CONCRETE TILT WALL CONSTRUCTION**



- NOTES:
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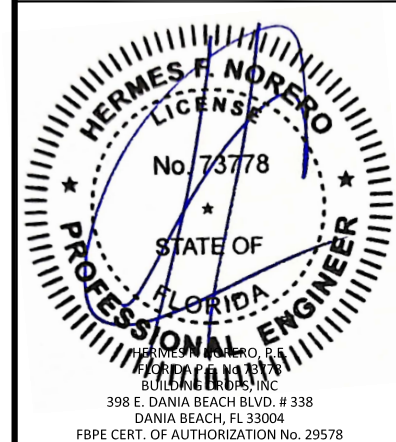
TITLE: *STEEL BORROWED LITE SYSTEM FOR USE IN CONJUNCTION WITH STOREFRONT ENTRANCE SYSTEMS (HVHZ)(IMPACT)*

ANCHORS - POURED CONCRETE TILT WALL CONSTRUCTION

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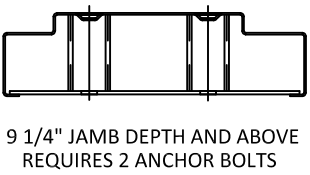


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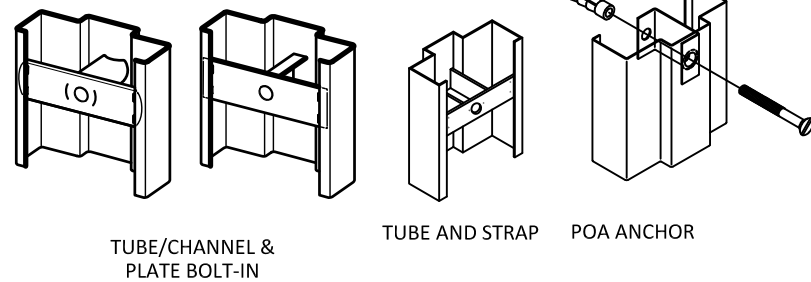
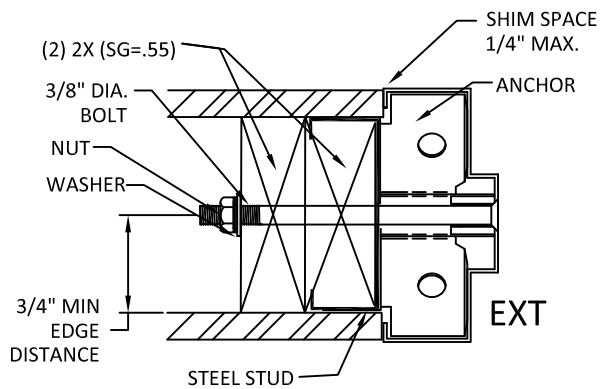
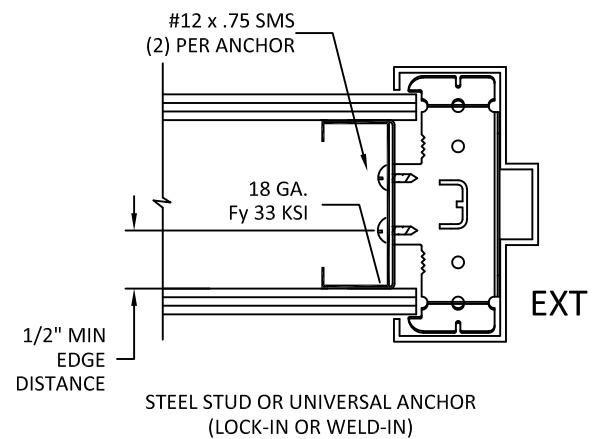
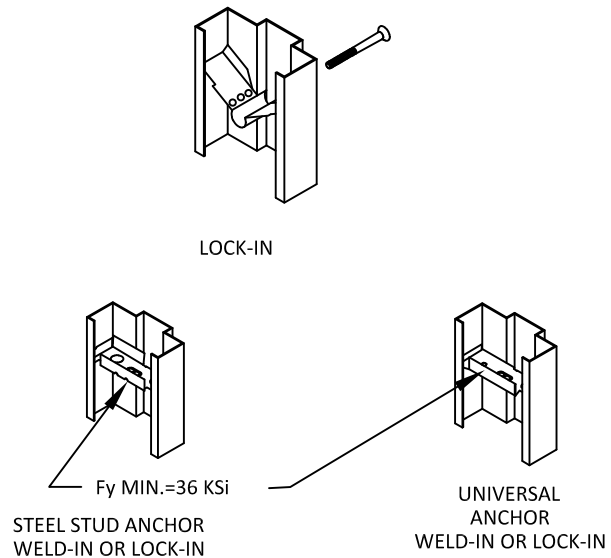
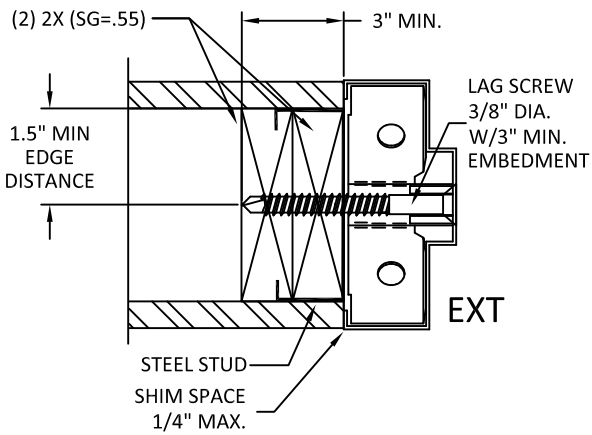
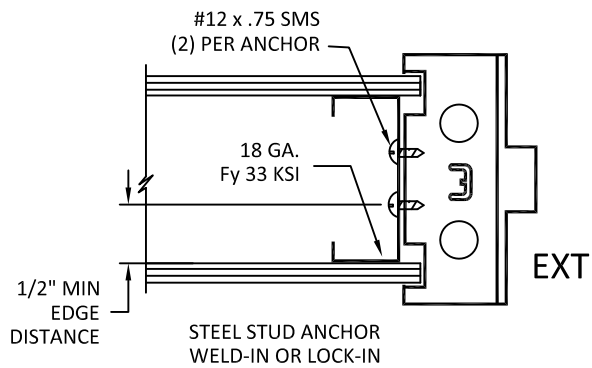
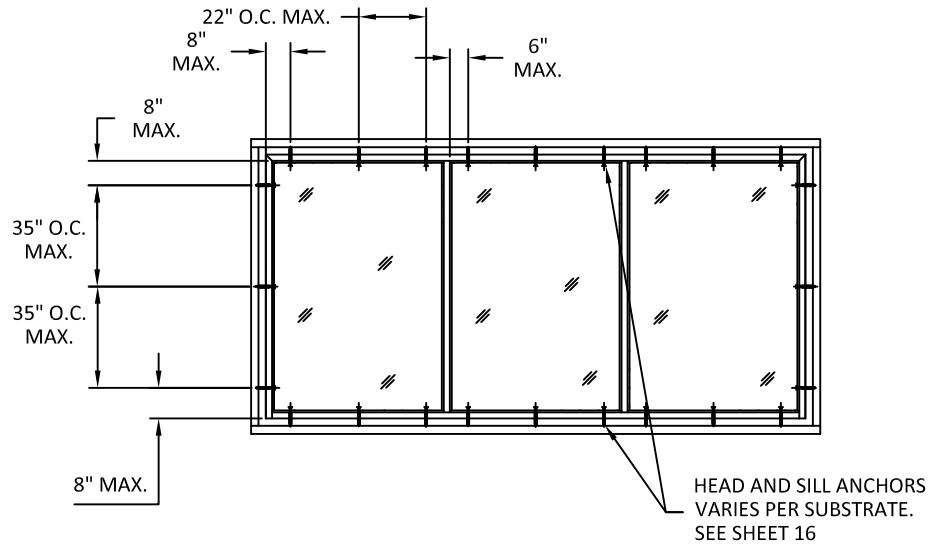
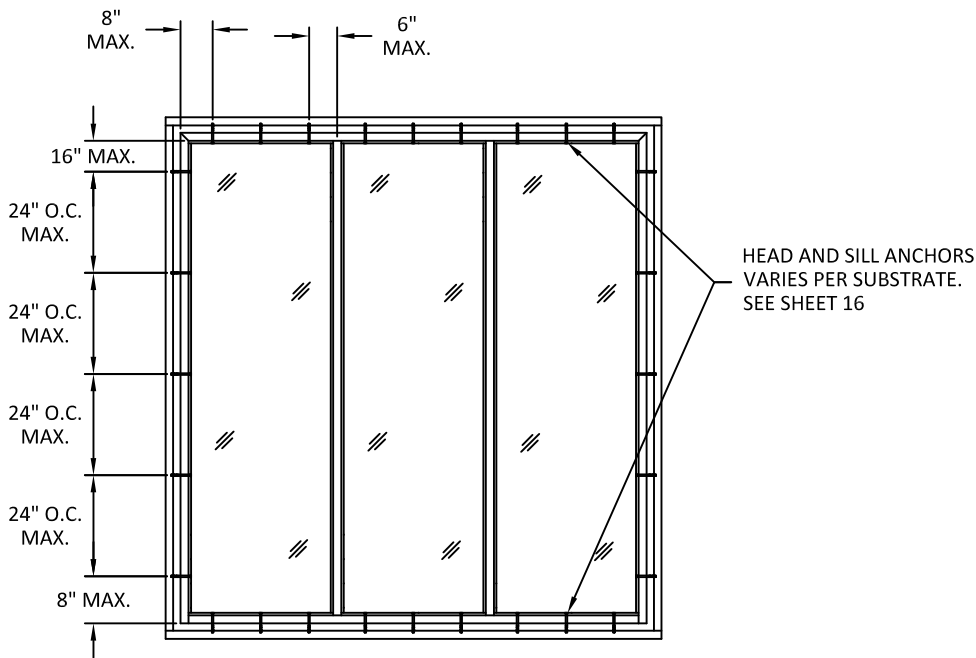
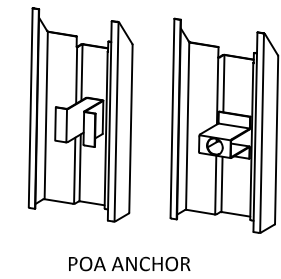
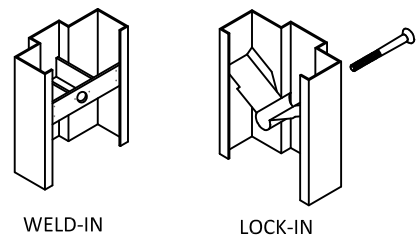
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SHEET:
14
OF 17

G STEEL STUD JAMB ANCHOR



9 1/4" JAMB DEPTH AND ABOVE
REQUIRES 2 ANCHOR BOLTS



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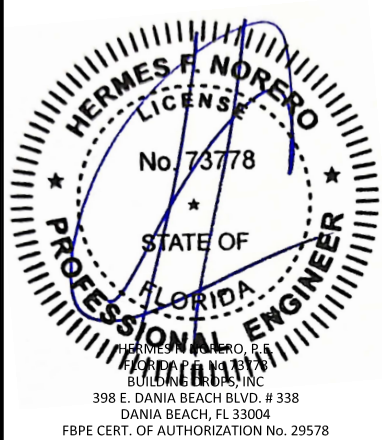
ANCHORS - STEEL STUD ANCHOR

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SHEET:

15

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TITLE: *STEEL BORROWED LITE
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SYSTEMS
(HVHZ)(IMPACT)*

FRAME HEAD &
SILL ANCHOR DETAILS

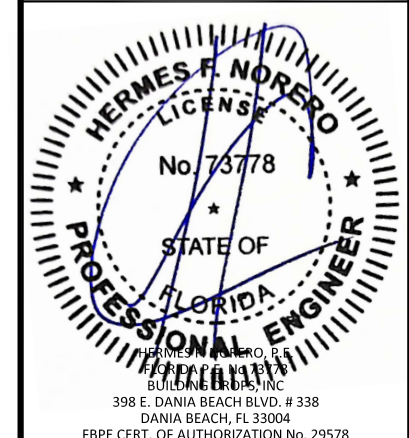
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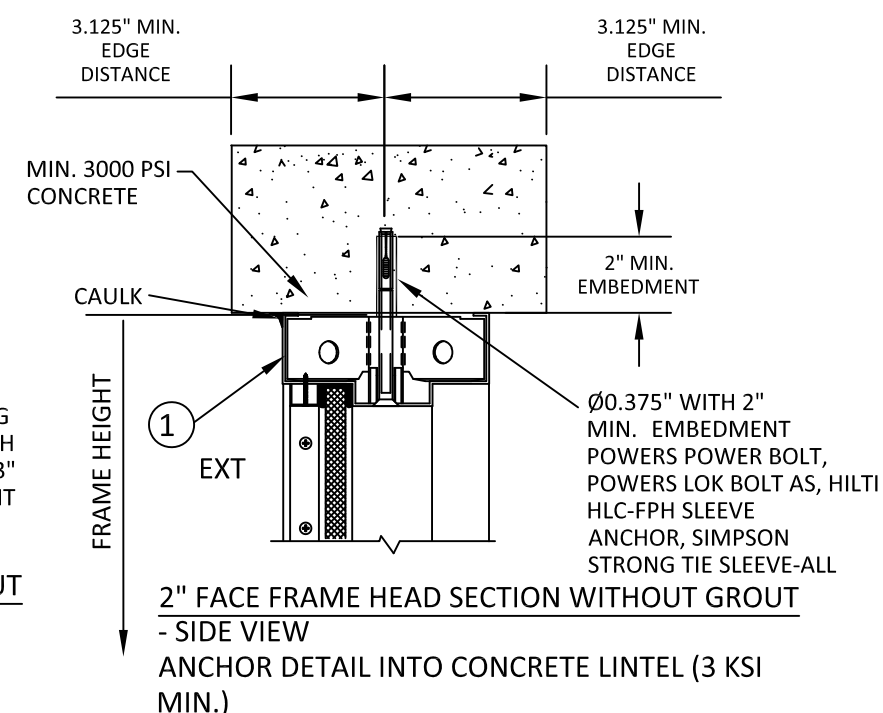
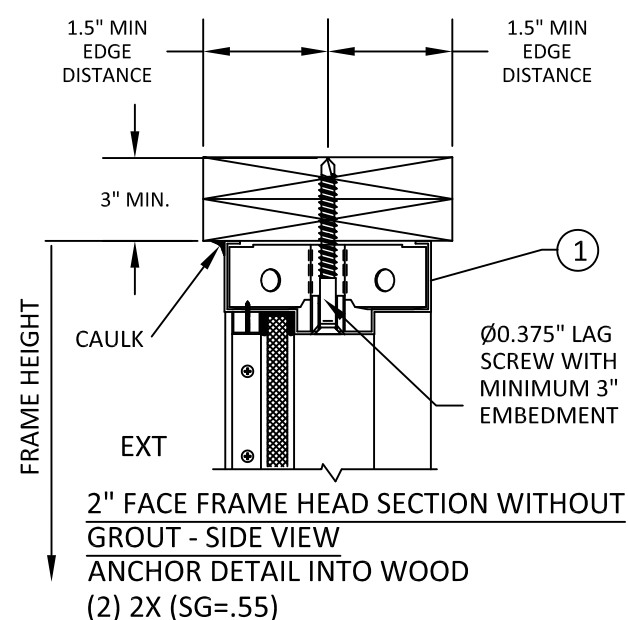
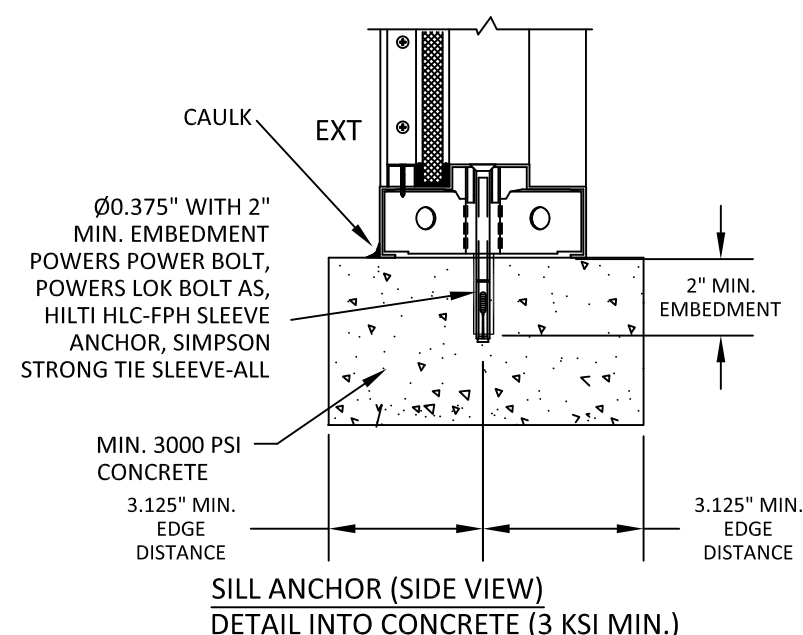
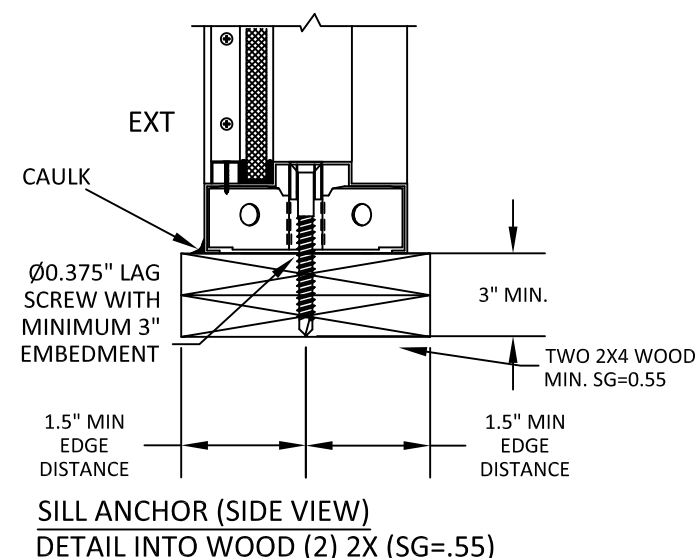
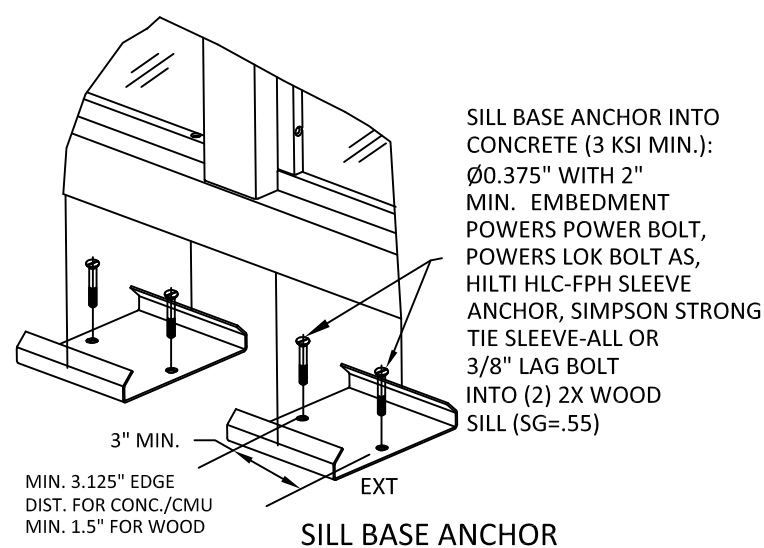
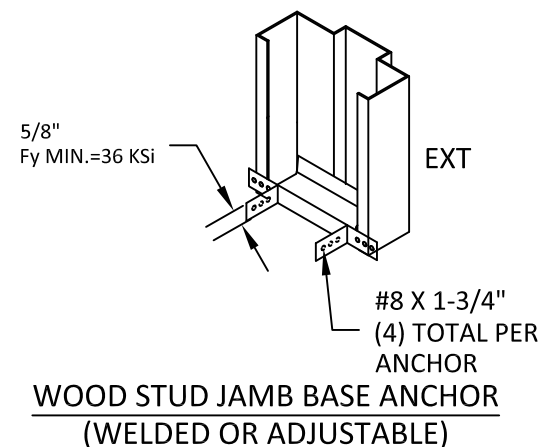
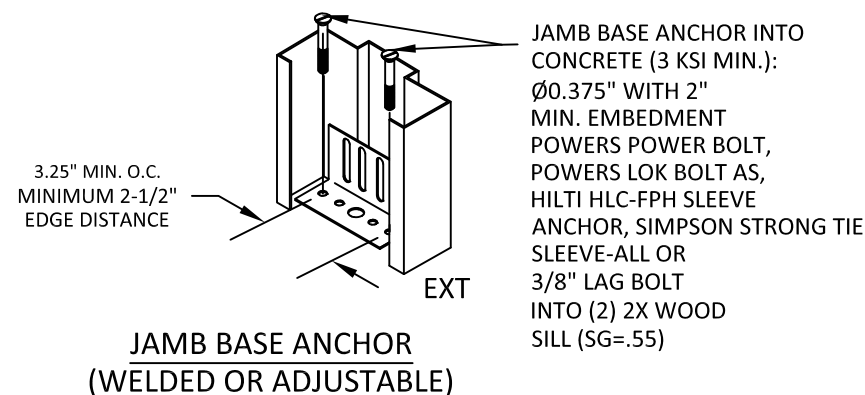
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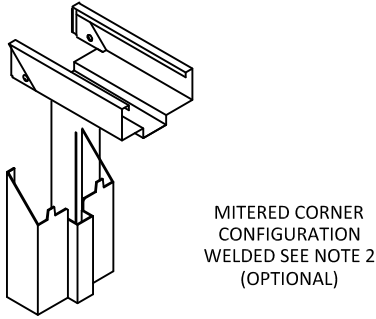
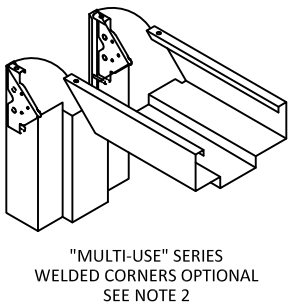
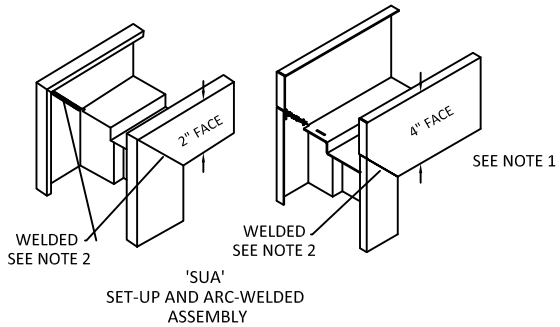
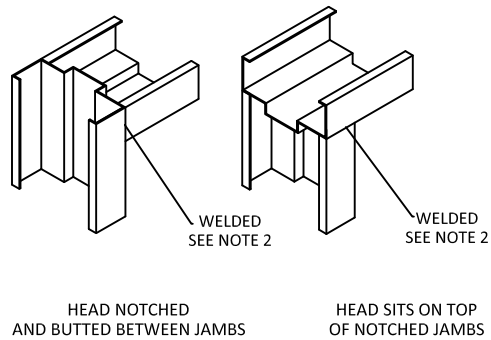
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16

OF 17





ALLEGION-SCHLAGE LOCK COMPANY, LLC
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(317) 715-4073

TITLE: *STEEL BORROWED LITE SYSTEM FOR USE IN CONJUNCTION WITH STOREFRONT ENTRANCE SYSTEMS (HVHZ)(IMPACT)*
REPUBLIC DOORS: FRAME DETAILS, MATERIAL SPECS & CORNER CONSTRUCTION

PREPARED BY:
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17
OF 17

TABLE 5. AVAILABLE REPUBLIC FRAME CONFIGURATIONS

FRAME SERIES	JAMB DEPTH	FRAME MATERIAL		FRAME ELEVATION A SIZE, MAX.		FRAME ELEVATION B SIZE, MAX.		GLAZING MATERIAL OPTIONS	
		DESCR.	GA./MIN. THK	WIDTH	HEIGHT	WIDTH	HEIGHT	DESC. SEE SHT. 8	THICKNESS
ME/SE	5.75" MIN.	CRS/HRS GALV	16/.053" 14/.067"	14'8" (176")	7'2" (86")	9'8" (116")	10'2" (122")	DETAIL "B" SHEET 8 LAMINATED GLASS WITH 0.09" KURARAY SENTRYGLAS INTERLAYER	.56" TYP.
		STAINLESS STEEL	16/.053"					DETAIL "C" SHEET 8 LAMINATED GLASS SUPERLITEII BY SAFTI	1.06" TYP.
SE	5.75" MIN.	CRS/HRS GALV	12/.093"					DETAIL "E" SHEET 8 LAMINATED GLASS SUPERLITEII BY SAFTI	1.438" TYP.
								DETAIL "D" SHEET 8 NON-IMPACT RESISTANT TEMPERED GLASS NON-WIND BORNE DEBRIS AREAS ONLY	.375" TYP.

NOTES:

- FRAME CONSTRUCTION
 - 1.1. MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
 - 1.2. FRAMES AVAILABLE AS FLUSH (ME-SERIES) AND MULT-USE(SE-SERIES) (SEE TABLE 5.)
 - 1.3. FOR GLAZING DETAILS REFER TO SHEET 8.
 - 1.4. STOREFRONT AND BORROWED LITE SIZES SHOWN (AS TESTED) ARE MAX. SIZES AVAILABLE. MULTIPLE LITES ARE ACCEPTABLE WITH TOTAL DIMENSIONS LESS OR EQUAL TO THE SHOWN MAX. DIMENSIONS SHOWN IN TABLE 5.
 - 1.5. GROUTED 4" FACE HEAD MAY BE USED WITH ALL WALL TYPES AND WITHIN MAXIMUM FRAME HEIGHT LIMITATIONS.
- CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND SMOOTH AND PRIME PAINT.
WELD CLASSIFICATION - E70XX
- SEE TABLE 6 FOR MATERIAL SPECIFICATIONS FOR FRAMES.

TABLE 6. STEEL FRAME MECHANICAL PROPERTIES

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

