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NOTE: THIS PRODUCT CAN BE COMBINED WITH OTHER FBC APPROVED AMERICAN STEEL MANUFACTURING PRODUCTS. WHEN MULLED COMBINATIONS ARE USED, THE LOWER DESIGN PRESSURE FROM EACH PRODUCT WILL APPLY TO THE ENTIRE SYSTEM. FINAL APPROVAL OF ALL DESIGNS SHALL BE GRANTED BY THE GOVERNING MUNICIPALITY.

DESIGN PRESSURES:

PLEASE SEE SHEET 103 & 104

GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PER TAS 201/202/203.
2. GLASS CAPACITIES MENTIONED IN THE PRESSURE CHARTS. THIS CERTIFICATION ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS).
3. DESIGN PRESSURES MENTIONED IN THIS CERTIFICATION ARE ALLOWABLE PRESSURE (ASD) BASED ON TESTED PRESSURE DIVIDED BY A FACTOR OF SAFETY (1.5)
4. THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH THE STANDARDS IN NOTE 1 OF THE GENERAL NOTES AND IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE IMPACT RESISTANT SHUTTERS.
5. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
6. THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.

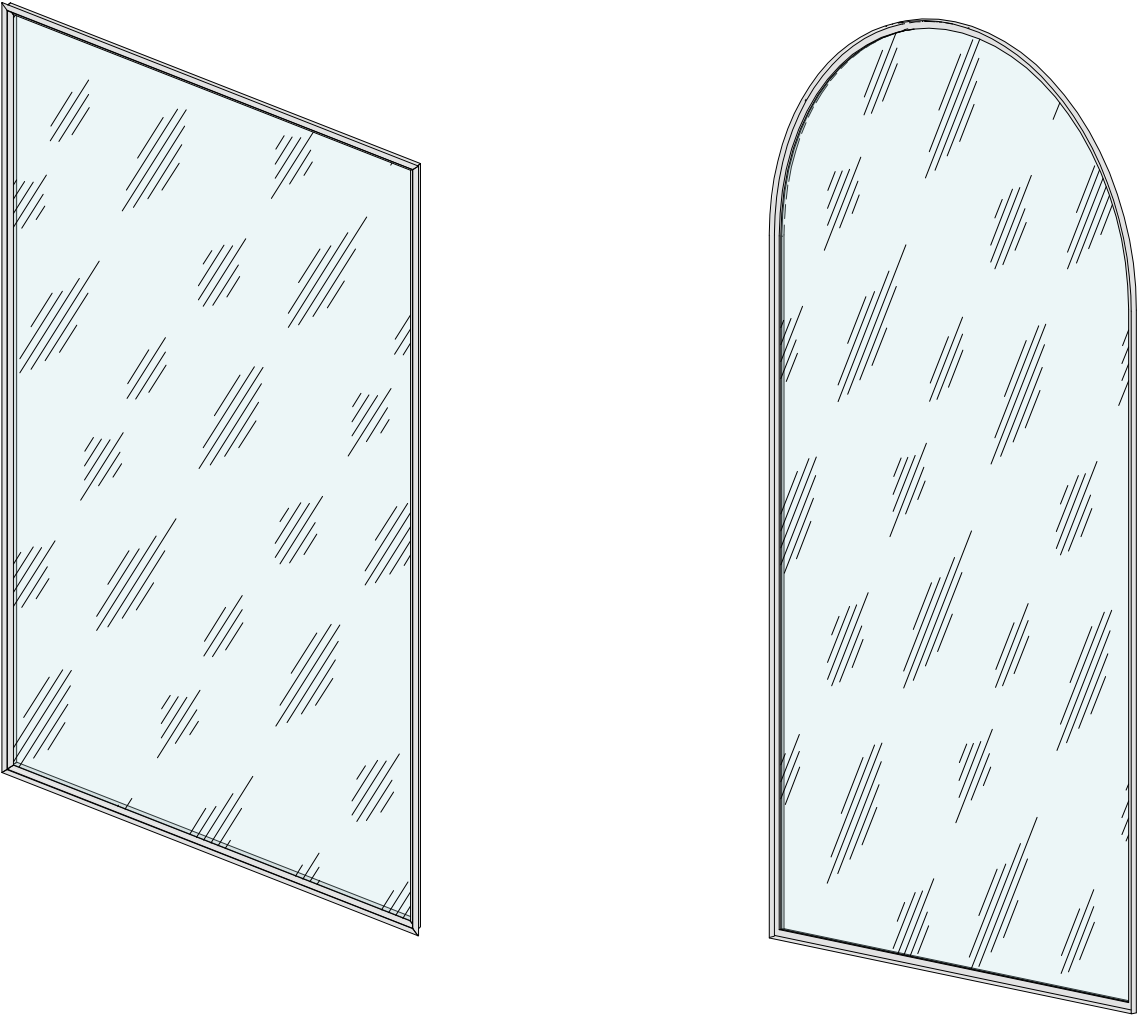
8. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE ANY SITE SPECIFIC INSTALLATION INFORMATION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A QUALIFIED LICENSED ENGINEER IN THE STATE OF FLORIDA SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
9. THE CONTRACTOR IS RESPONSIBLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
10. FASTENERS DESCRIBED IN THIS CERTIFICATION ARE PERMITTED TO BE SUBSTITUTE PROVIDED THE STRENGTH OF THE ALTERNATIVE ANCHOR IS EQUAL TO OR GREATER THAN THE ORIGINALLY SPECIFIED ANCHOR. FINAL APPROVAL OF SUBSTITUTED ANCHORS SHALL BE BY OTHERS.
11. FASTENERS SHALL BE CADMIUM PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3 OF THE CURRENT CODE BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
12. ENGINEER'S SEAL AFFIXED HERE VALIDATES THE STRUCTURAL DESIGN AS SHOWN ONLY. THE USE OF THIS SPECIFICATION BY THE CONTRACTOR, ET AL., INDEMNIFIES AND SAVES HARMLESS THIS ENGINEER FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES, RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES, AND FROM DEVIATIONS OF THIS PLAN.
13. THIS PRODUCT IS APPROVED FOR FORCED ENTRY RESISTANCE AS PER ASTM F588.

14. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
15. ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
16. SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION).
17. PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM CONTAINING THE FOLLOWING:

AMERICAN STEEL MANUFACTURING, LLC
280 W. HILLSBORO BLVD / DEERFIELD BEACH, FL 33441
APPROVED BY FLORIDA BUILDING COMMISSION
FLORIDA PRODUCT APPROVAL NUMBER FL# 47350.1

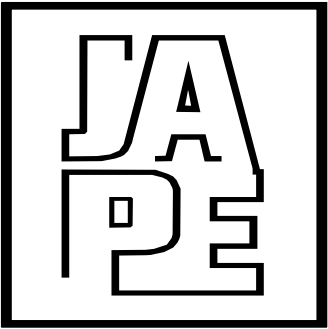
THIS SYSTEM IS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.



FIXED WINDOW SYSTEM

FL#47350.1



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102
Doral, FL 33126
Ph: (305) 424-8001
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

FIXED WINDOW SYSTEM

CLIENT :

AMERICAN STEEL
MANUFACTURING, LLC

280 W. HILLSBORO BLVD /
DEERFIELD BEACH, FL 33441

REVISION

No.	DATE	BY	DESCRIPTION

Date: 02-26-2025

Scale: N/A

Drawn by: SA

Check by: MK

Drawing no. JA-1582-23

Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



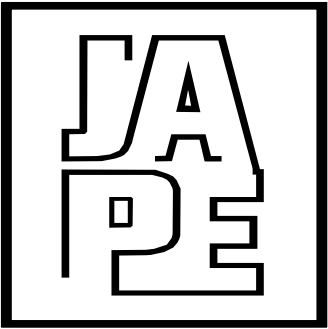
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101

OF 120

TYPICAL ELEVATIONS

FL#47350.1



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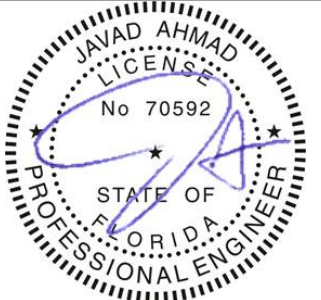
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SYSTEM	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	PRESSURE CAPACITY
FIXED	68"	144"	70-3/4"	146-3/4"	TABLE 1/103
FIXED XL	83"	143"	87"	147"	TABLE 2/103
FIXED JUMBO	98"	182-1/2"	102-1/2"	187"	TABLE 1/104

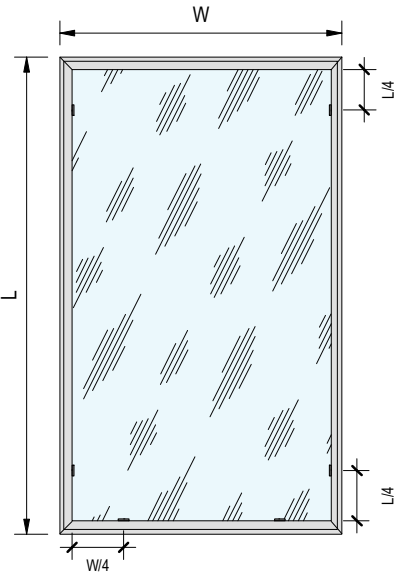
NOTE:

• THE PRESSURE TABLE ON SHEET **103 & 104** SHOWS THE ALLOWABLE DESIGN PRESSURES FOR EACH GLASS TYPE CALCULATED BASED ON THE TESTED AREA OF D.L.O.

• THE WINDOW SIZE MUST ADHERE TO THE MAXIMUM LIMITS SPECIFIED ON THIS SHEET.

D.L.O. CALCULATION

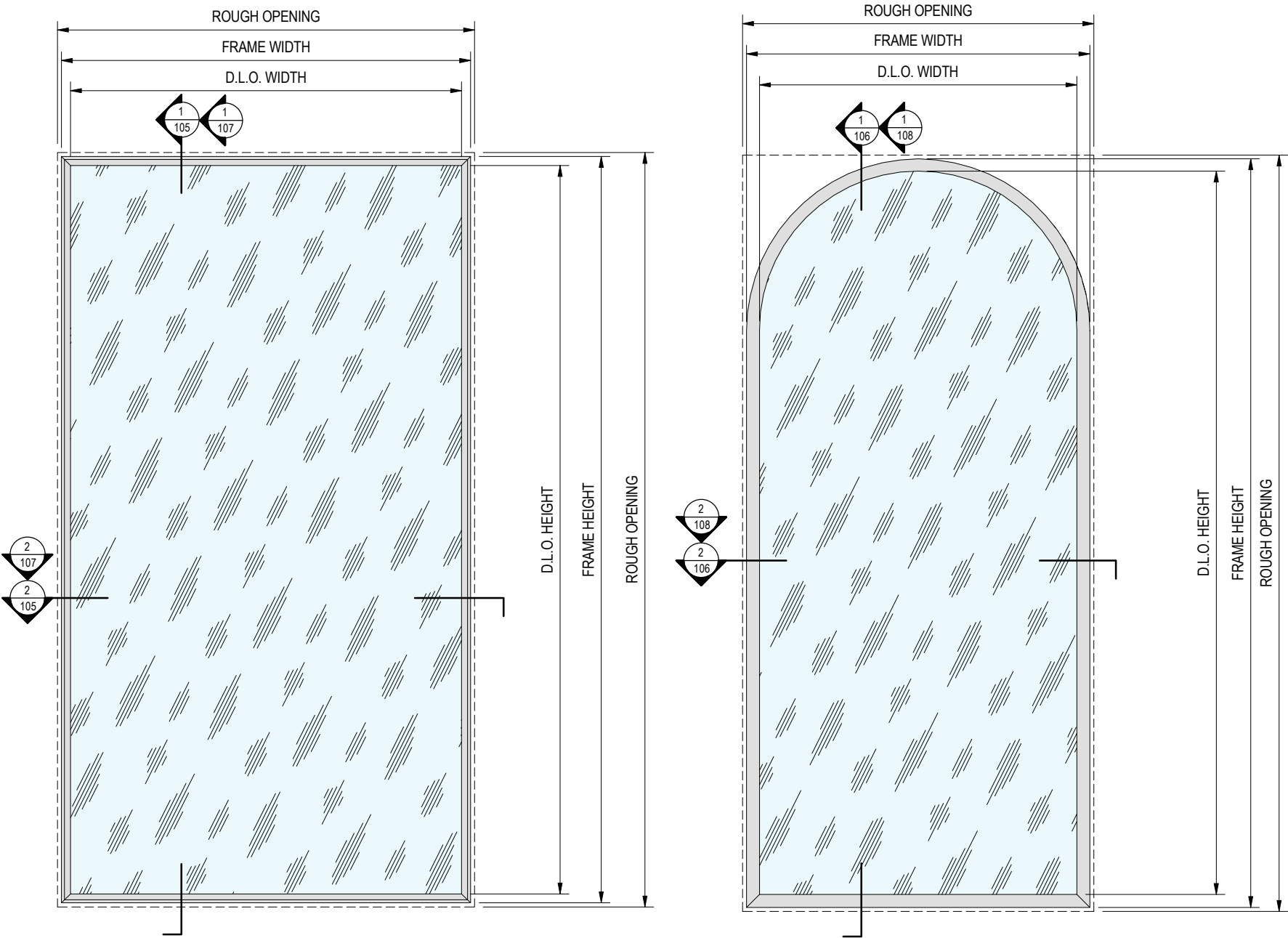
- FOR FIXED AND FIXED XL SYSTEM - D.L.O. HEIGHT = FRAME HEIGHT - 2-3/4"
D.L.O. WIDTH = FRAME WIDTH - 2-3/4"
- FOR FIXED JUMBO SYSTEM - D.L.O. HEIGHT = FRAME HEIGHT - 3"
D.L.O. WIDTH = FRAME WIDTH - 3"



SETTING BLOCK LAYOUT

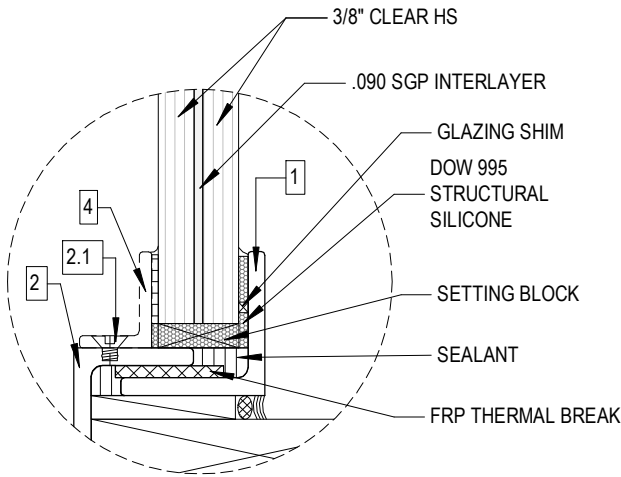
NOTE:

- FOR THERMALLY BROKEN - EXTERIOR GLAZED: SEE SHEET **105**
- FOR THERMALLY BROKEN - INTERIOR GLAZED: SEE SHEET **106**
- FOR NON THERMALLY BROKEN - EXTERIOR GLAZED: SEE SHEET **107**
- FOR NON THERMALLY BROKEN - INTERIOR GLAZED: SEE SHEET **108**

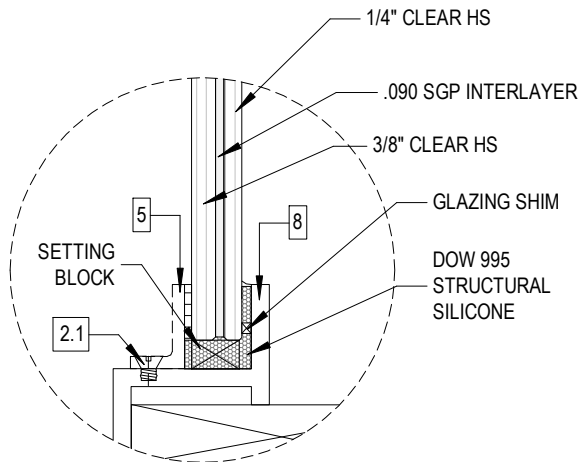


1
102
TYPICAL FIXED WINDOW ELEVATION
NOT TO SCALE

2
102
TYPICAL ARCHED FIXED WINDOW ELEVATION
NOT TO SCALE

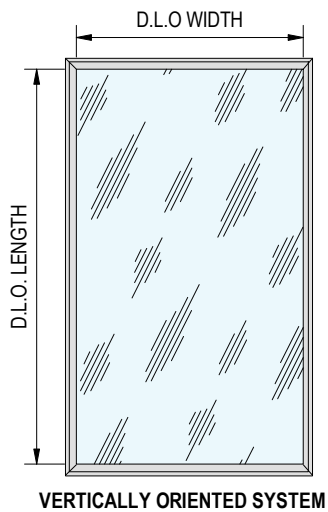


1
103 GL1 - 13/16" LAMINATED GLASS UNIT
NOT TO SCALE

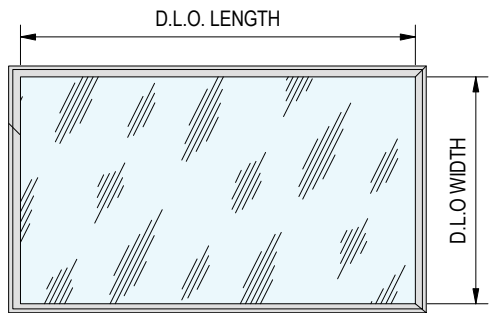


2
103 GL2 - 11/16" LAMINATED GLASS UNIT
NOT TO SCALE

NOTES:
MAXIMUM THICKNESS OF THERMAL BREAK IS 0.5"



VERTICALLY ORIENTED SYSTEM



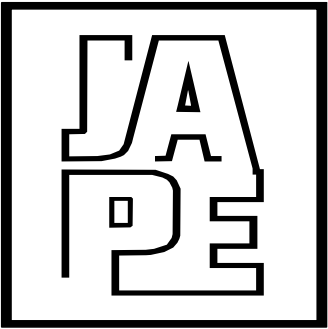
HORIZONTALLY ORIENTED SYSTEM

NOTE:
SEE SHEET 102 FOR D.L.O. CALCULATION

TABLE 1/103: ALLOWABLE DESIGN LOAD CAPACITY - PSF					
FIXED WINDOW SYSTEM					
D.L.O. WIDTH (IN.)	D.L.O. LENGTH (IN.)	GLASS TYPE			
		GL-1	GL-2	GL-3	GL-4
48	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	+/- 65	+/- 65
	98	+/- 65	+/- 65	+/- 65	+/- 65
	124	+/- 65	+/- 65	+/- 65	+/- 65
68	144	+/- 65	+/- 65	-	-
	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	+/- 65	+/- 65
	98	+/- 65	+/- 65	-	-
	124	+/- 65	+/- 65	-	-
	144	+/- 65	+/- 65	-	-

TABLE 2/103: ALLOWABLE DESIGN LOAD CAPACITY - PSF					
FIXED XL WINDOW SYSTEM					
D.L.O. WIDTH (IN.)	D.L.O. LENGTH (IN.)	GLASS TYPE			
		GL-1	GL-2	GL-3	GL-4
48	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	+/- 65	+/- 65
	98	+/- 65	+/- 65	+/- 65	+/- 65
	124	+/- 65	+/- 65	+/- 65	+/- 65
68	144	+/- 65	+/- 65	-	-
	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	+/- 65	+/- 65
	98	+/- 65	+/- 65	-	-
83	124	+/- 65	+/- 65	-	-
	144	+/- 65	+/- 65	-	-
	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	-	-
	98	+/- 65	+/- 65	-	-
	124	+/- 65	+/- 65	-	-
	144	+/- 65	+/- 65	-	-

NOTE:
PRESSURES WILL REMAIN SAME FOR DIFFERENT FRAME MATERIALS.



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PROJECT :

FIXED WINDOW SYSTEM

CLIENT :

AMERICAN STEEL
MANUFACTURING, LLC

280 W. HILLSBORO BLVD /
DEERFIELD BEACH, FL 33441

REVISION

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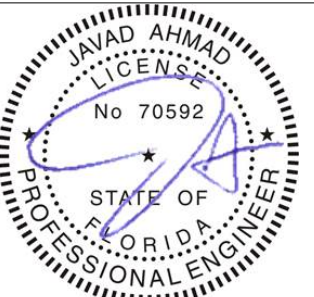
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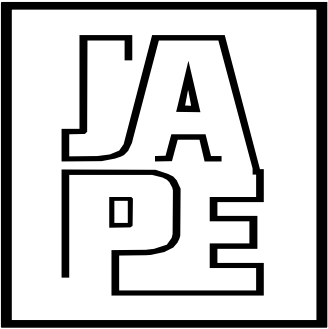
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Eng: JAVAD AHMAD, PE
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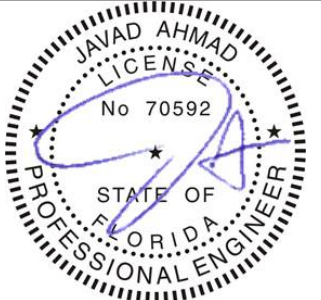
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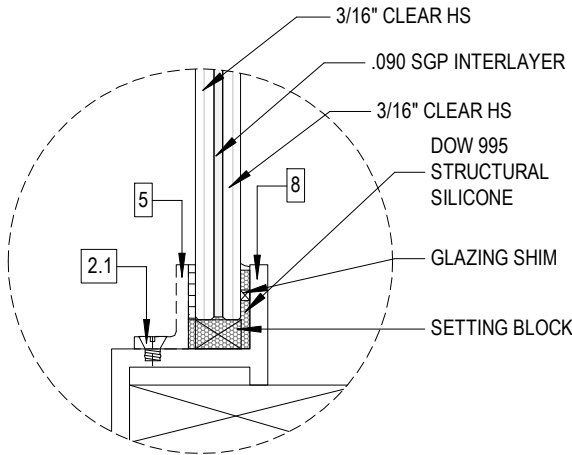
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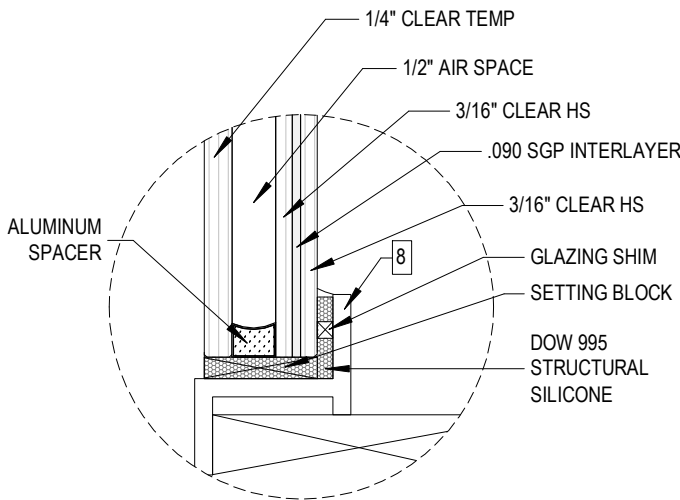
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1
104 GL3 - 7/16" LAMINATED GLASS UNIT
NOT TO SCALE



2
104 GL4 - 1-1/4" INSULATED GLASS UNIT
NOT TO SCALE

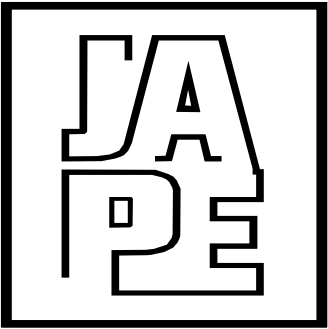
TABLE 1/104: ALLOWABLE DESIGN LOAD CAPACITY - PSF

FIXED JUMBO WINDOW SYSTEM

D.L.O. WIDTH (IN.)	D.L.O. LENGTH (IN.)	GLASS TYPE			
		GL-1	GL-2	GL-3	GL-4
48	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	+/- 65	+/- 65
	98	+/- 65	+/- 65	+/- 65	+/- 65
	124	+/- 65	+/- 65	+/- 65	+/- 65
	144	+/- 65	+/- 65	-	-
	164	+/- 65	+/- 65	-	-
	182-1/2	+/- 65	+/- 65	-	-
68	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	+/- 65	+/- 65
	98	+/- 65	+/- 65	-	-
	124	+/- 65	+/- 65	-	-
	144	+/- 65	+/- 65	-	-
	164	+/- 65	+/- 65	-	-
	182-1/2	+/- 65	+/- 65	-	-
84	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	+/- 65	+/- 65
	84	+/- 65	+/- 65	-	-
	98	+/- 65	+/- 65	-	-
	124	+/- 65	+/- 65	-	-
	144	+/- 65	+/- 65	-	-
	164	+/- 65	+/- 65	-	-
	182-1/2	+/- 65	+/- 65	-	-
98	48	+/- 65	+/- 65	+/- 65	+/- 65
	68	+/- 65	+/- 65	-	-
	84	+/- 65	+/- 65	-	-
	98	+/- 65	+/- 65	-	-
	124	+/- 65	+/- 65	-	-
	144	+/- 65	+/- 65	-	-
	164	+/- 65	+/- 65	-	-
	182-1/2	+/- 65	+/- 65	-	-

NOTE:

PRESSURES WILL REMAIN SAME FOR DIFFERENT FRAME MATERIALS.



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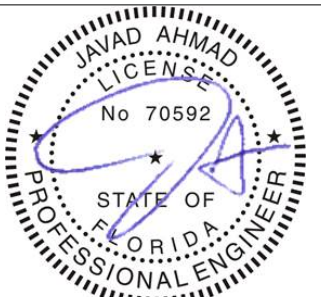
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Drawn by: SA

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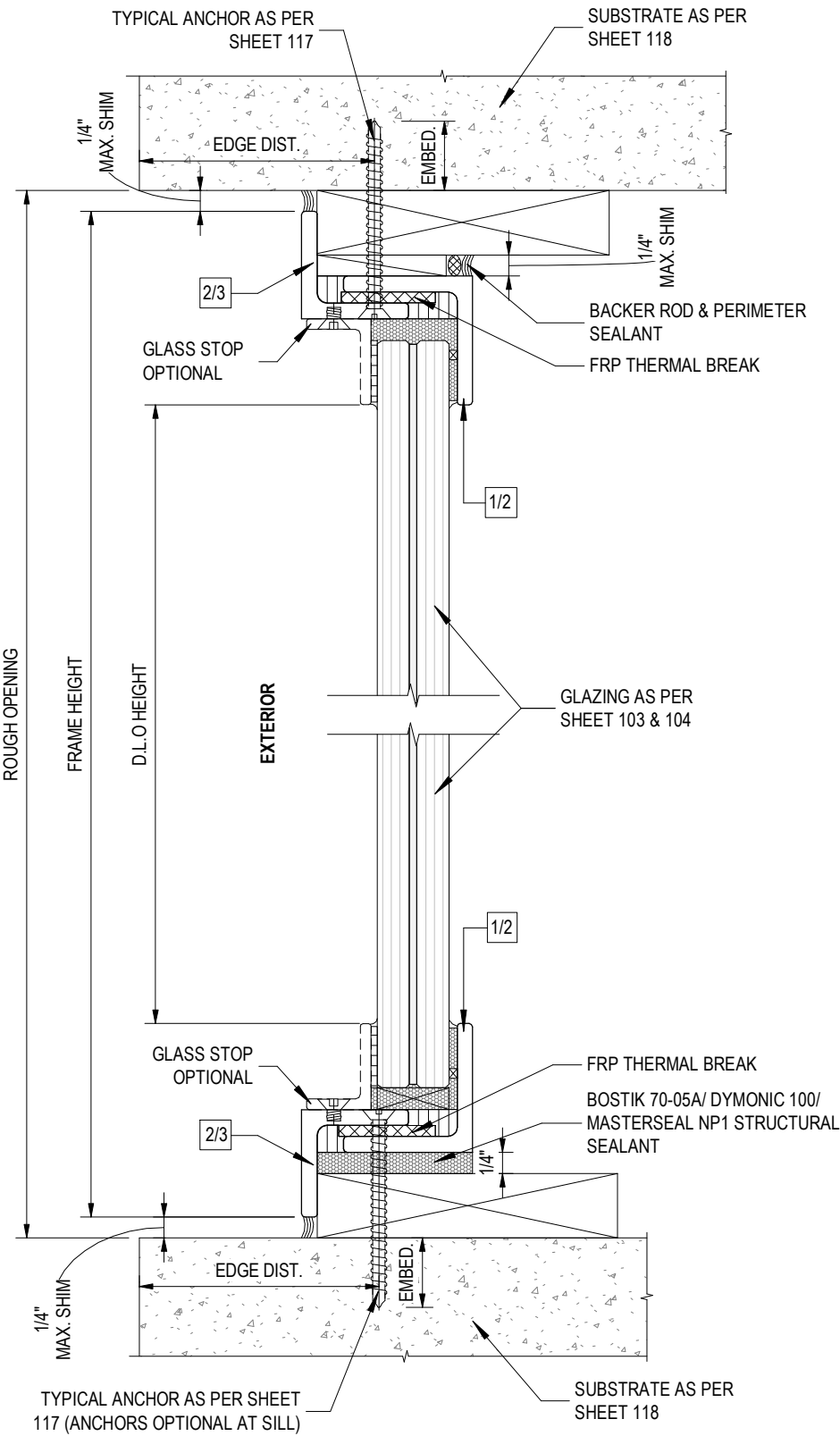
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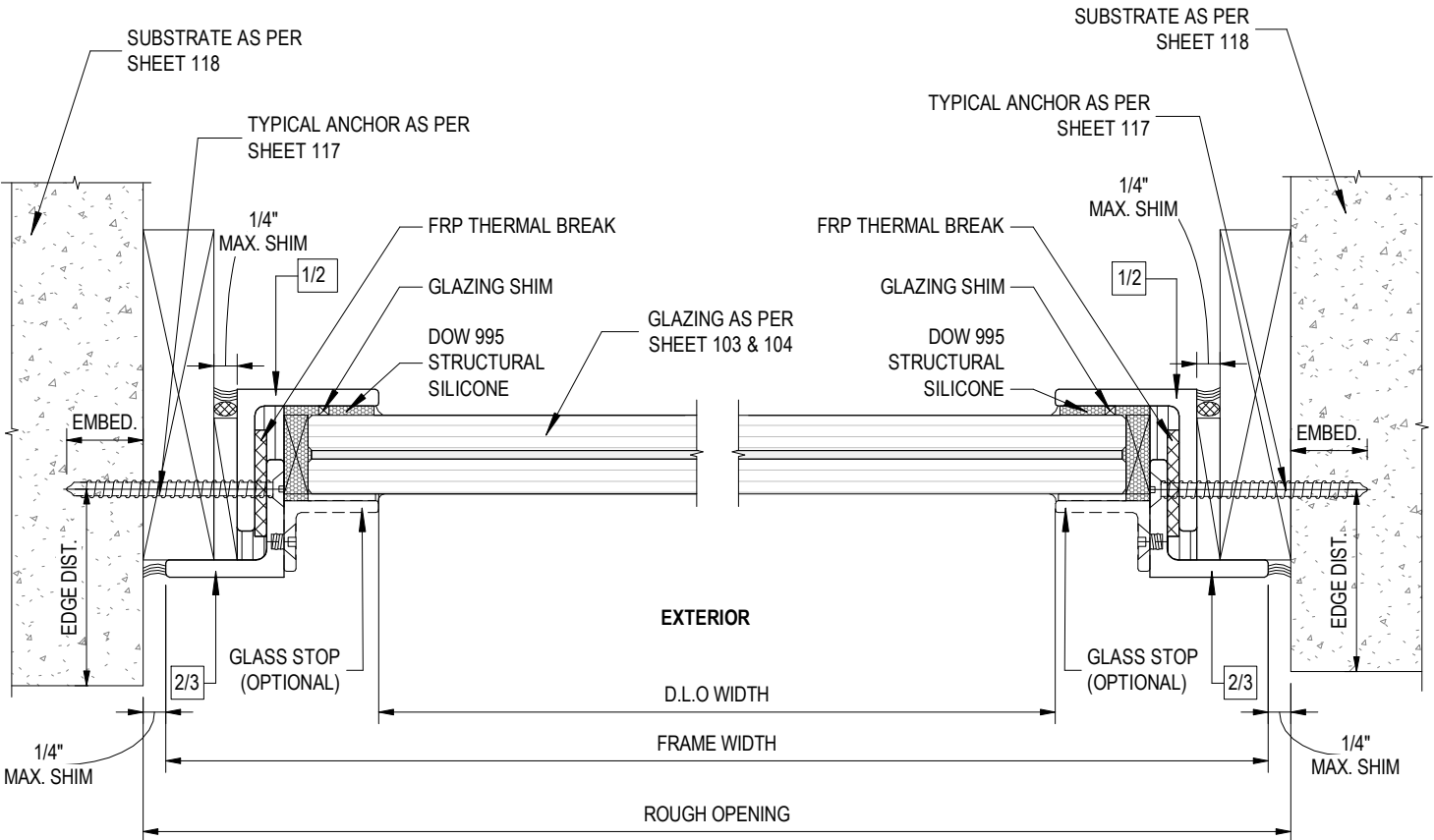


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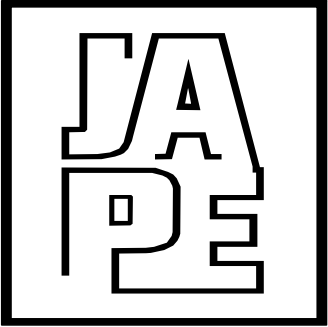
NOTE:
ANCHORS LAYOUT AS SHOWN ON SHEET 117 CAN BE USED IN LIEU OF
STRUCTURAL SILICON.



1 HEAD AND SILL DETAIL - EXTERIOR GLAZED
105 NOT TO SCALE



2 JAMB DETAILS - EXTERIOR GLAZED
105 NOT TO SCALE



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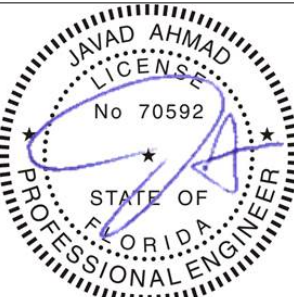
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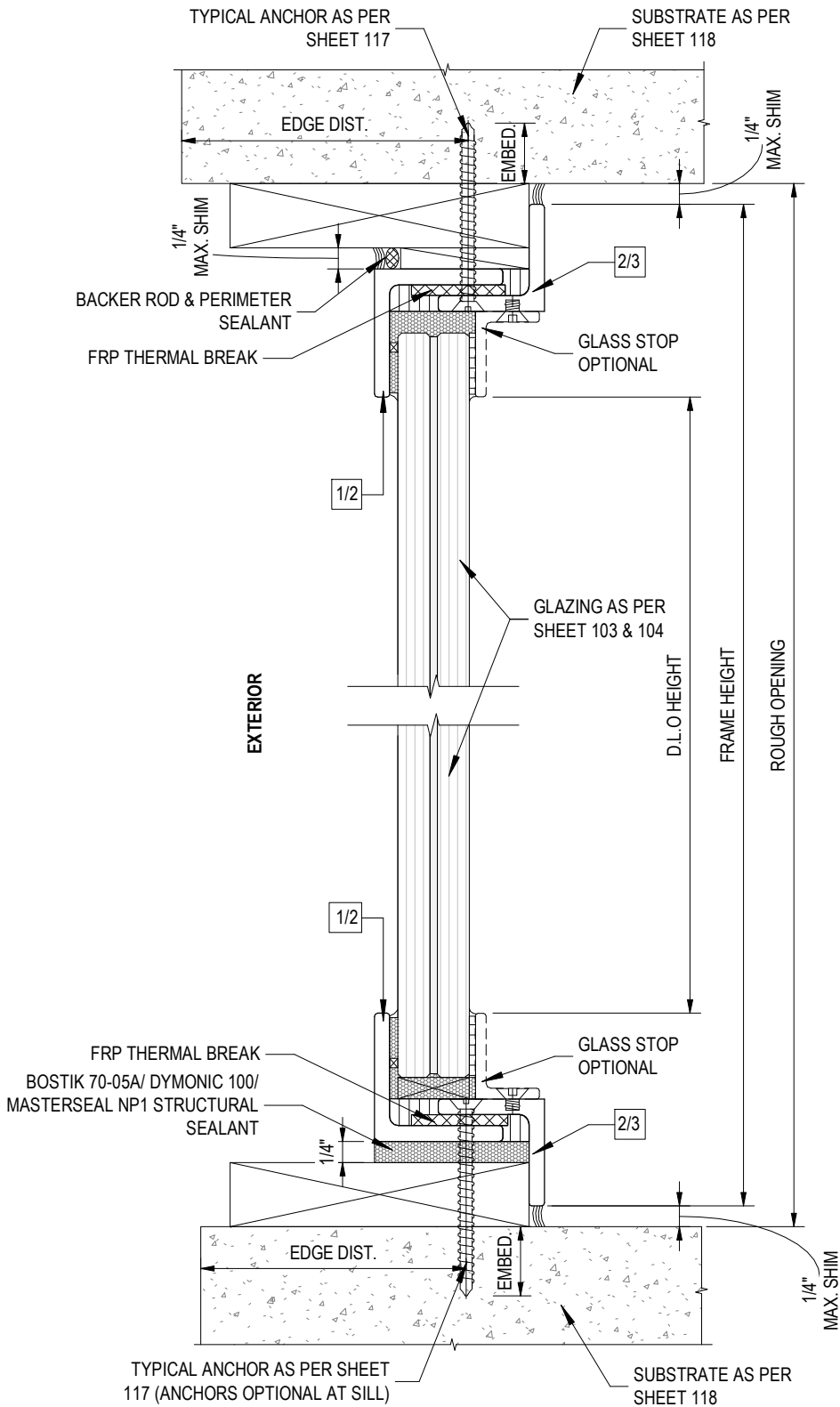
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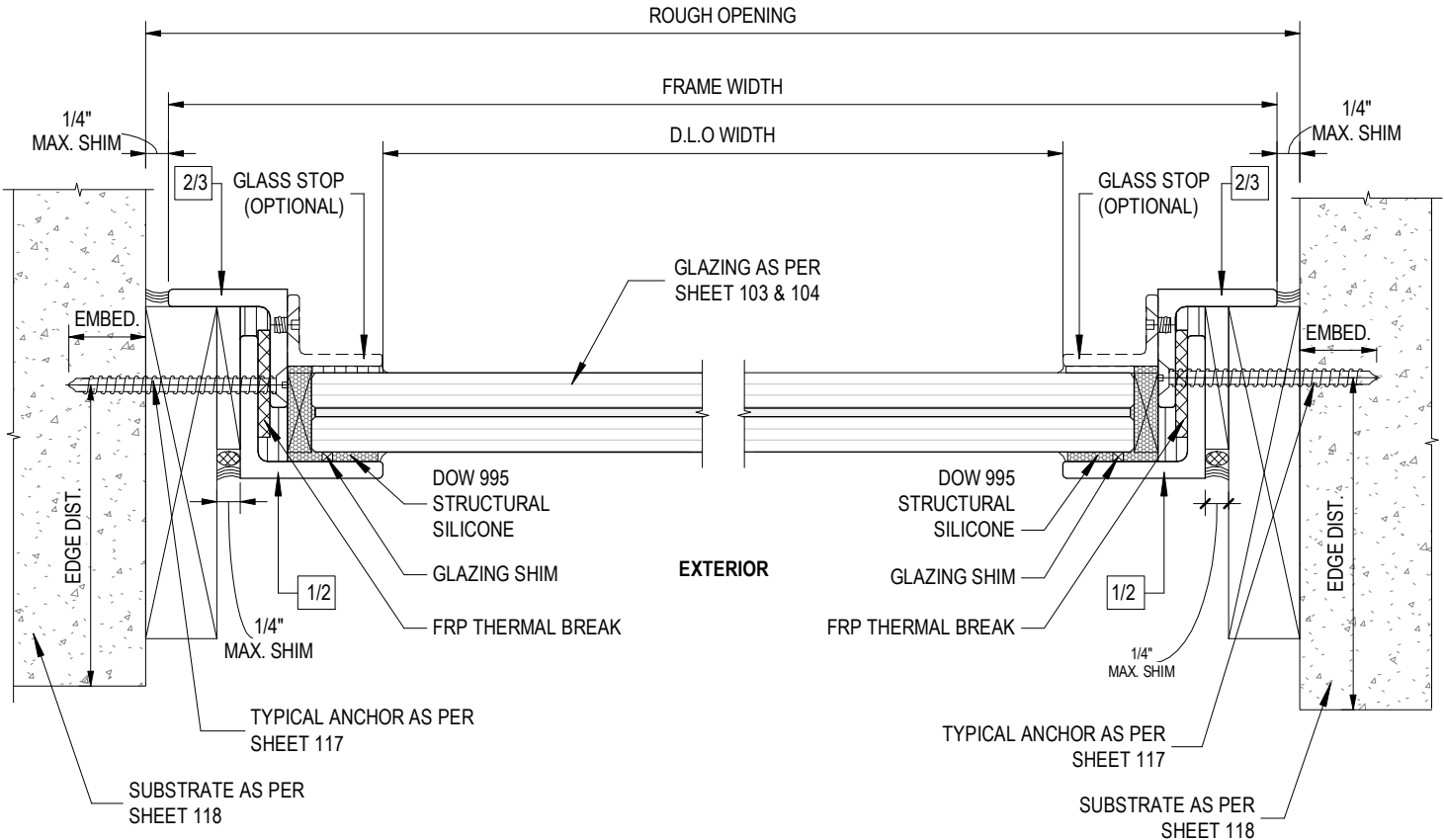


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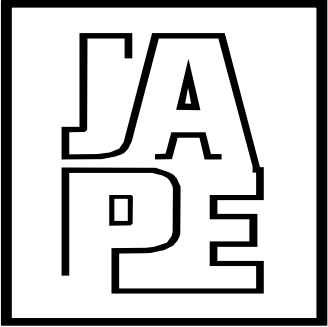
1 HEAD AND SILL DETAIL - INTERIOR GLAZED
106 NOT TO SCALE



2 JAMB DETAILS - INTERIOR GLAZED
106 NOT TO SCALE

SECTIONAL DETAILS - NON THERMALLY BROKEN

FL#47350.1



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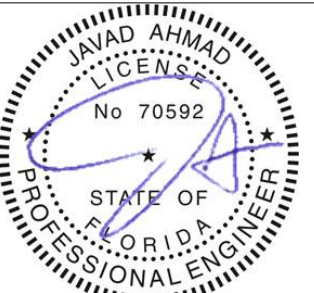
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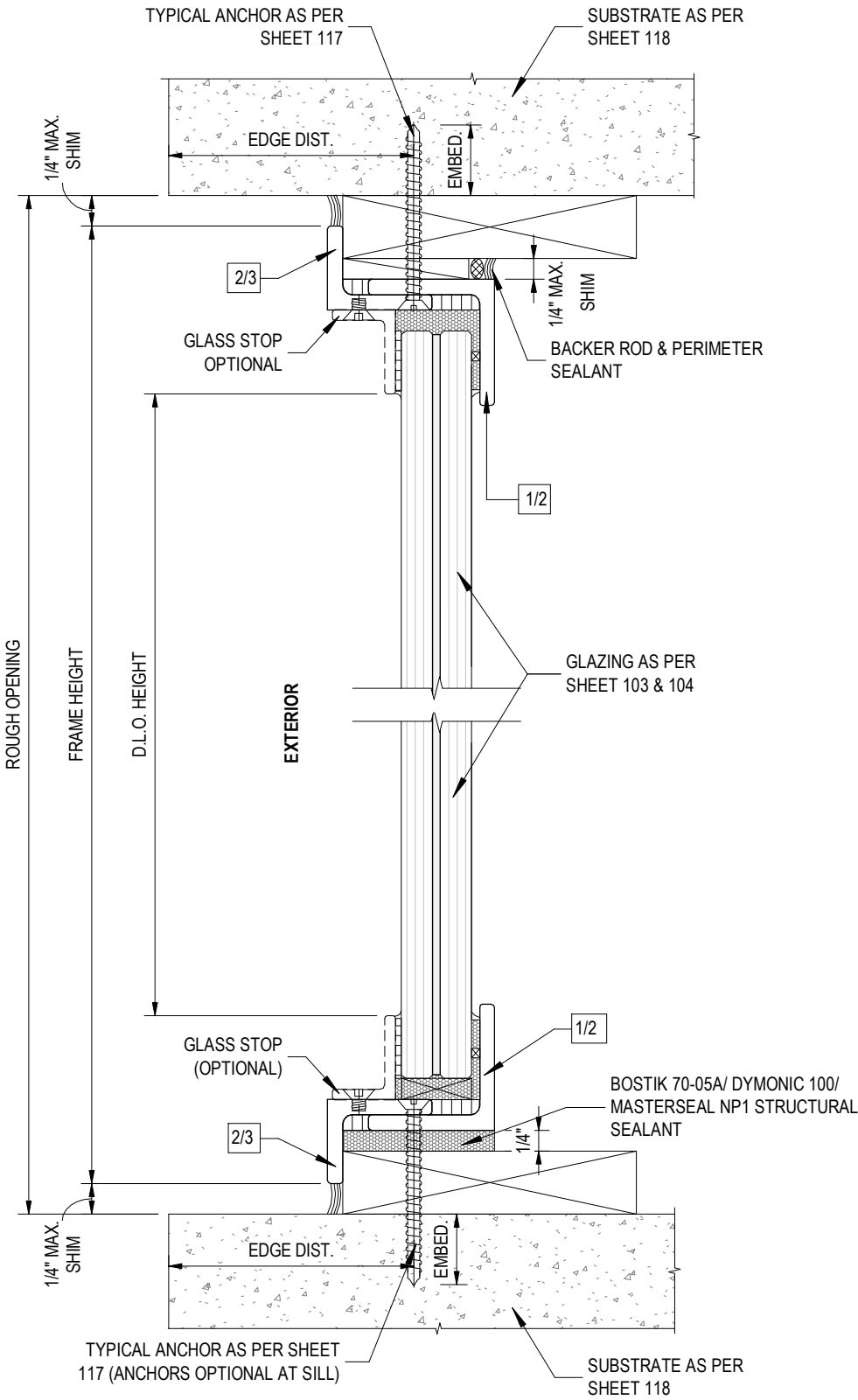
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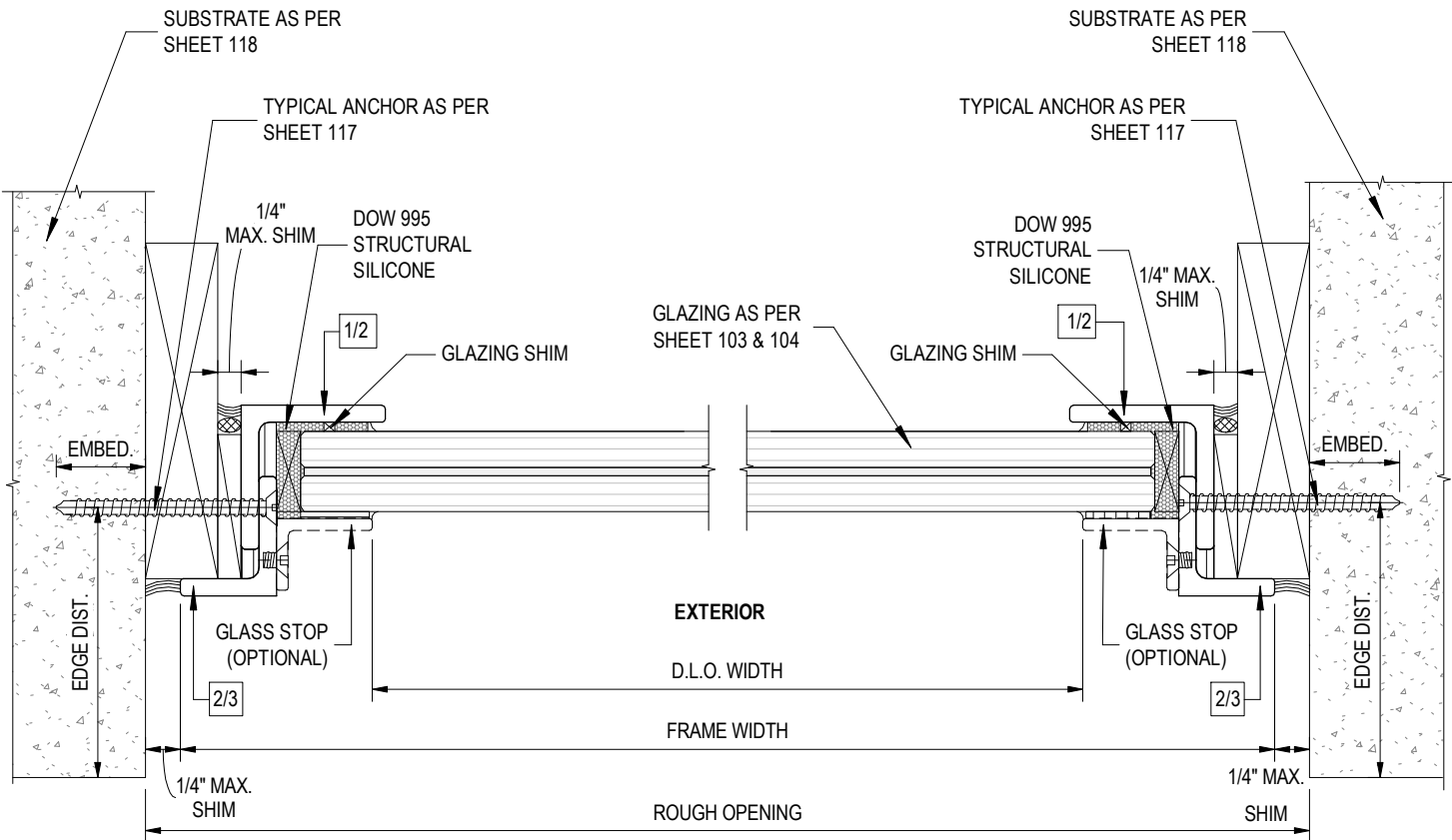


SEALED: 02-26-2025

NOTE:
ANCHORS LAYOUT AS SHOWN ON SHEET 117 CAN BE USED IN LIEU OF
STRUCTURAL SILICON.

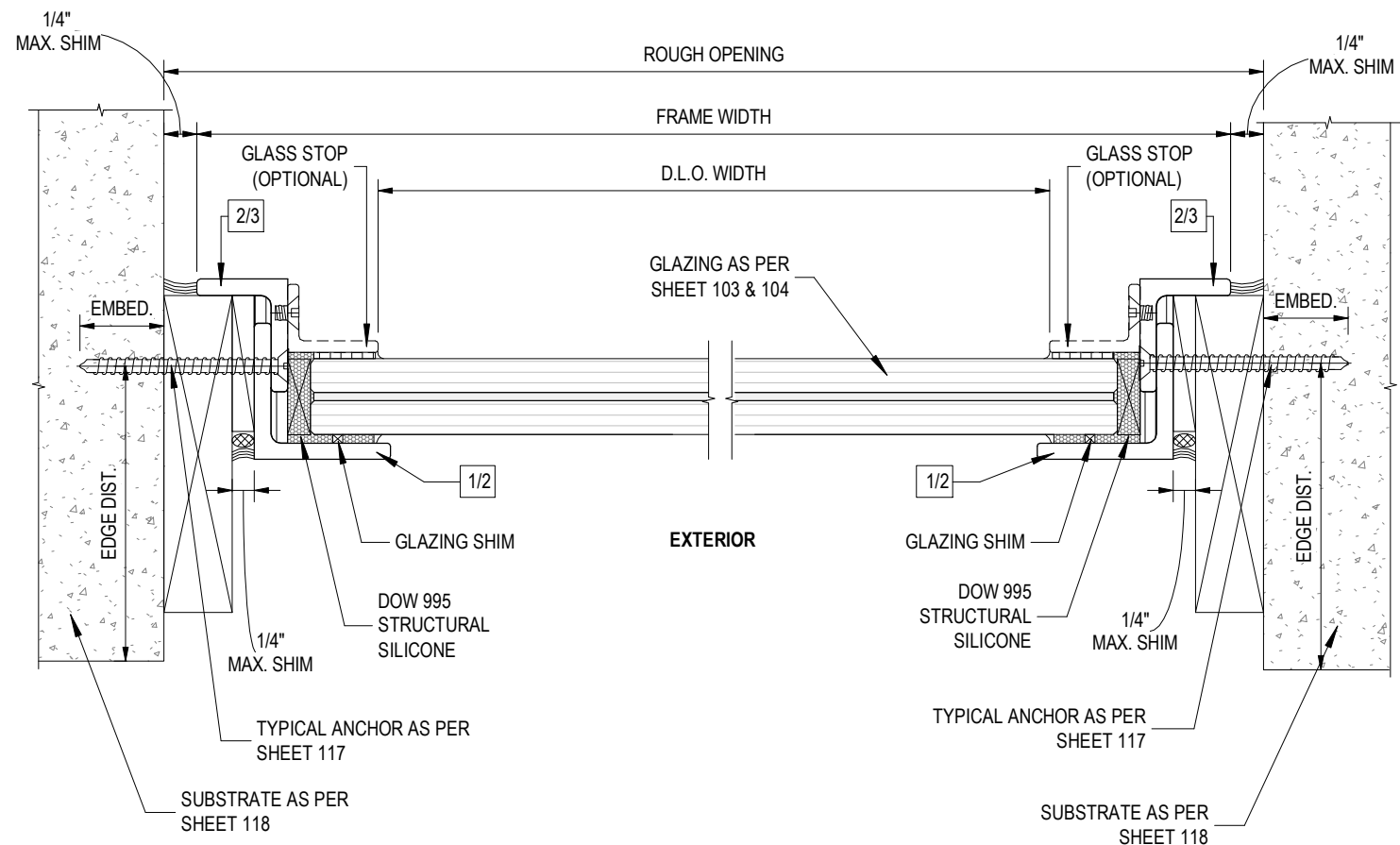


1 HEAD AND SILL DETAIL- EXTERIOR GLAZED
107 NOT TO SCALE



2 JAMB DETAIL - EXTERIOR GLAZED
107 NOT TO SCALE

FL#47350.1

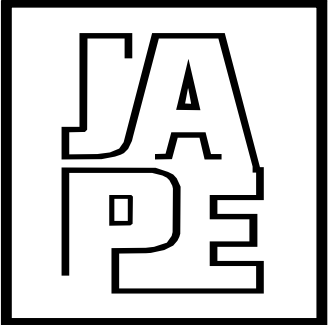


108 OF 120

2 JAMB DETAIL - INTERIOR GLAZED
108 NOT TO SCALE

SECTIONAL DETAILS - NON THERMAL FIXED

FL#47350.1



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AMERICAN STEEL
MANUFACTURING, LLC

280 W. HILLSBORO BLVD /
DEERFIELD BEACH, FL 33441

REVISION

No.	DATE	BY	DESCRIPTION

Date: 02-26-2025

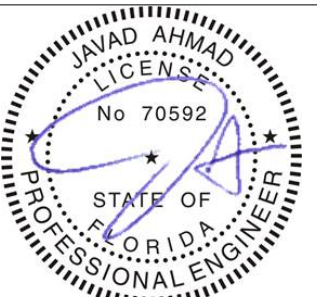
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Drawn by: SA

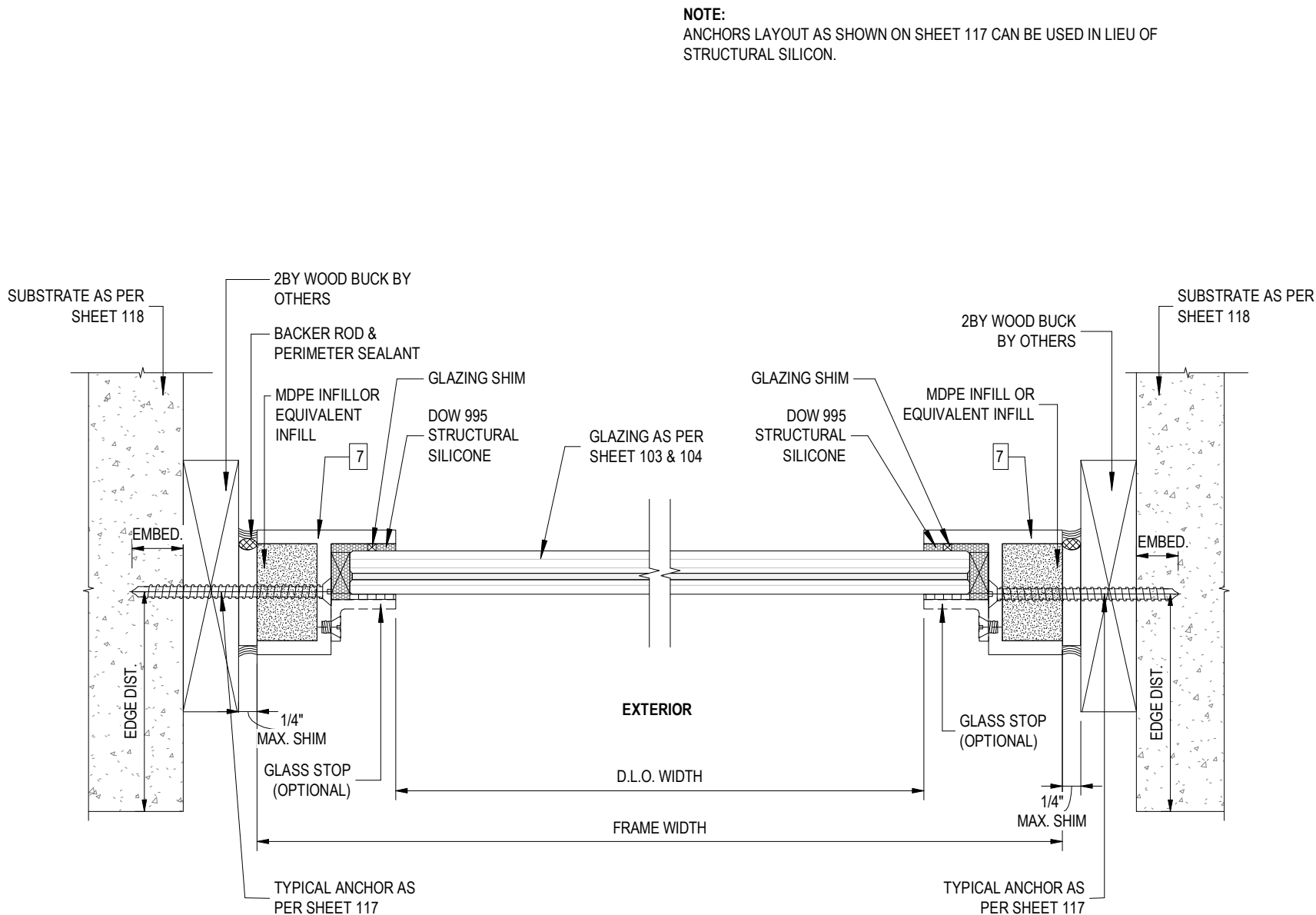
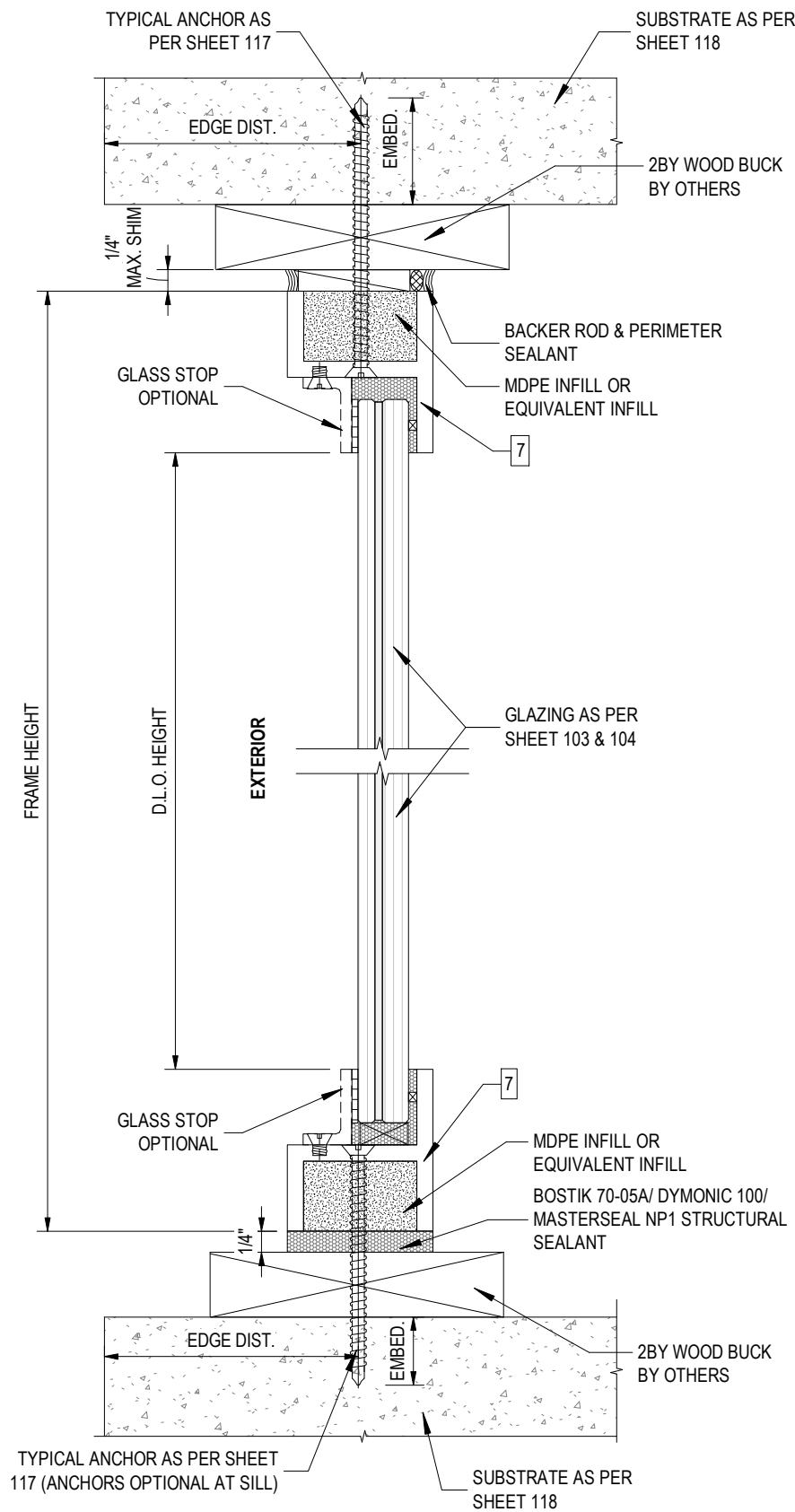
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Drawing no. JA-1582-23

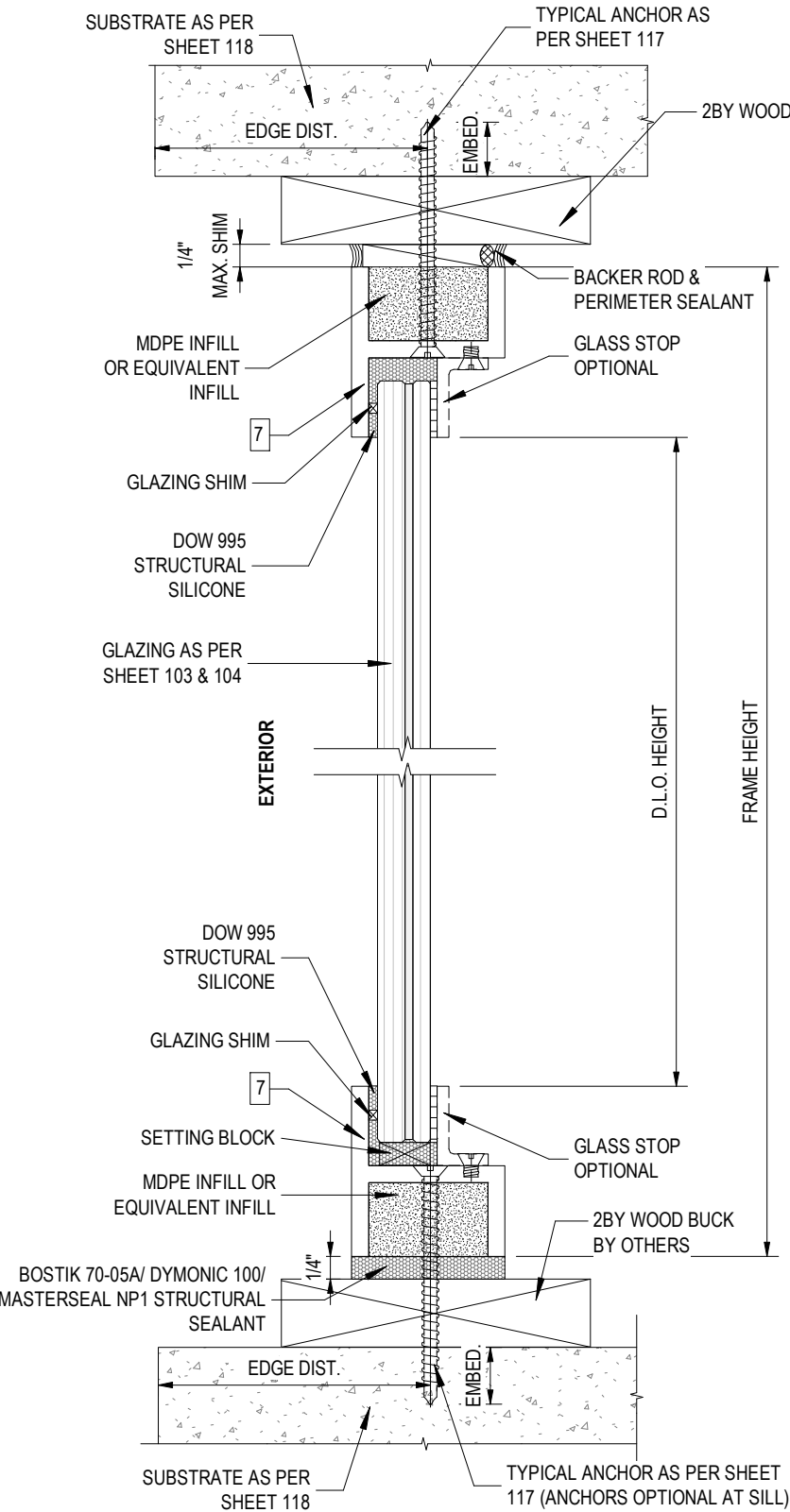
Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



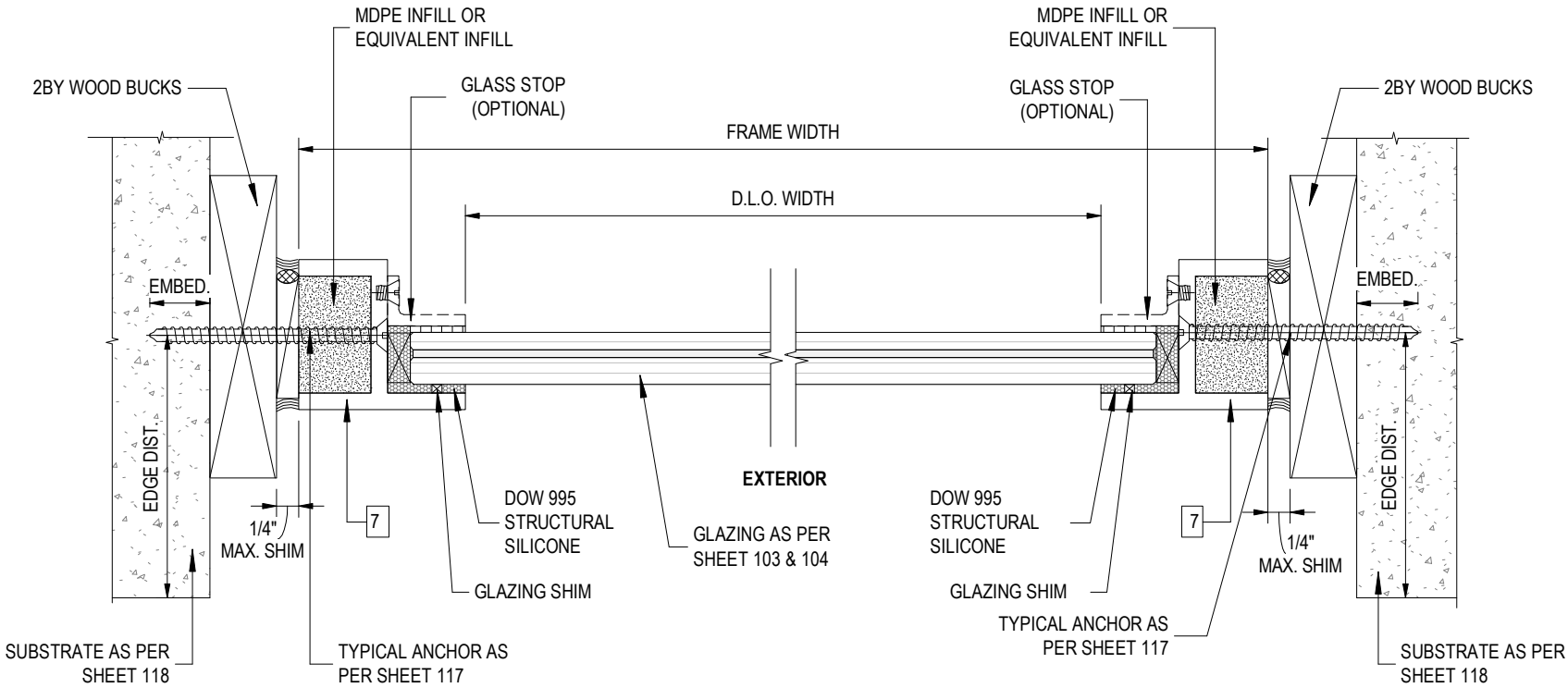
SEALED: 02-26-2025



NOTE:
ANCHORS LAYOUT AS SHOWN ON SHEET 117 CAN BE USED IN LIEU OF
STRUCTURAL SILICON.

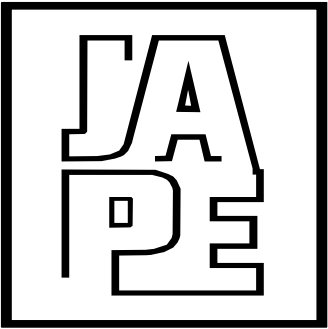


NOTE:
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1 HEAD & SILL DETAILS - (I-ELL)
110 NOT TO SCALE

2 JAMB DETAILS - (I-ELL)
110 NOT TO SCALE



JAVAD AHMAD PE, inc

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Ph: (305) 424-8001
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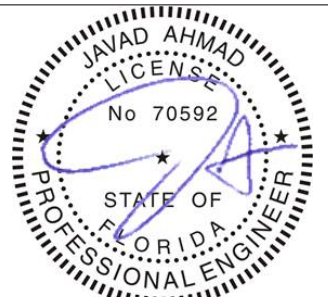
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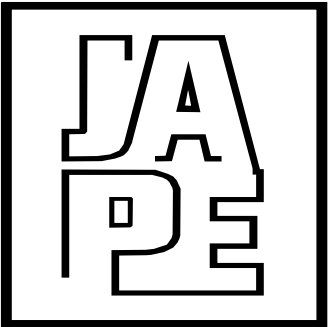
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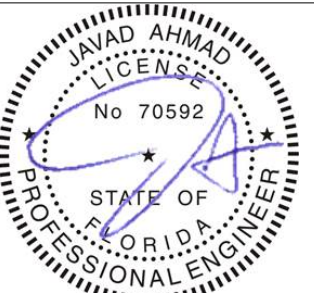
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Check by: MK

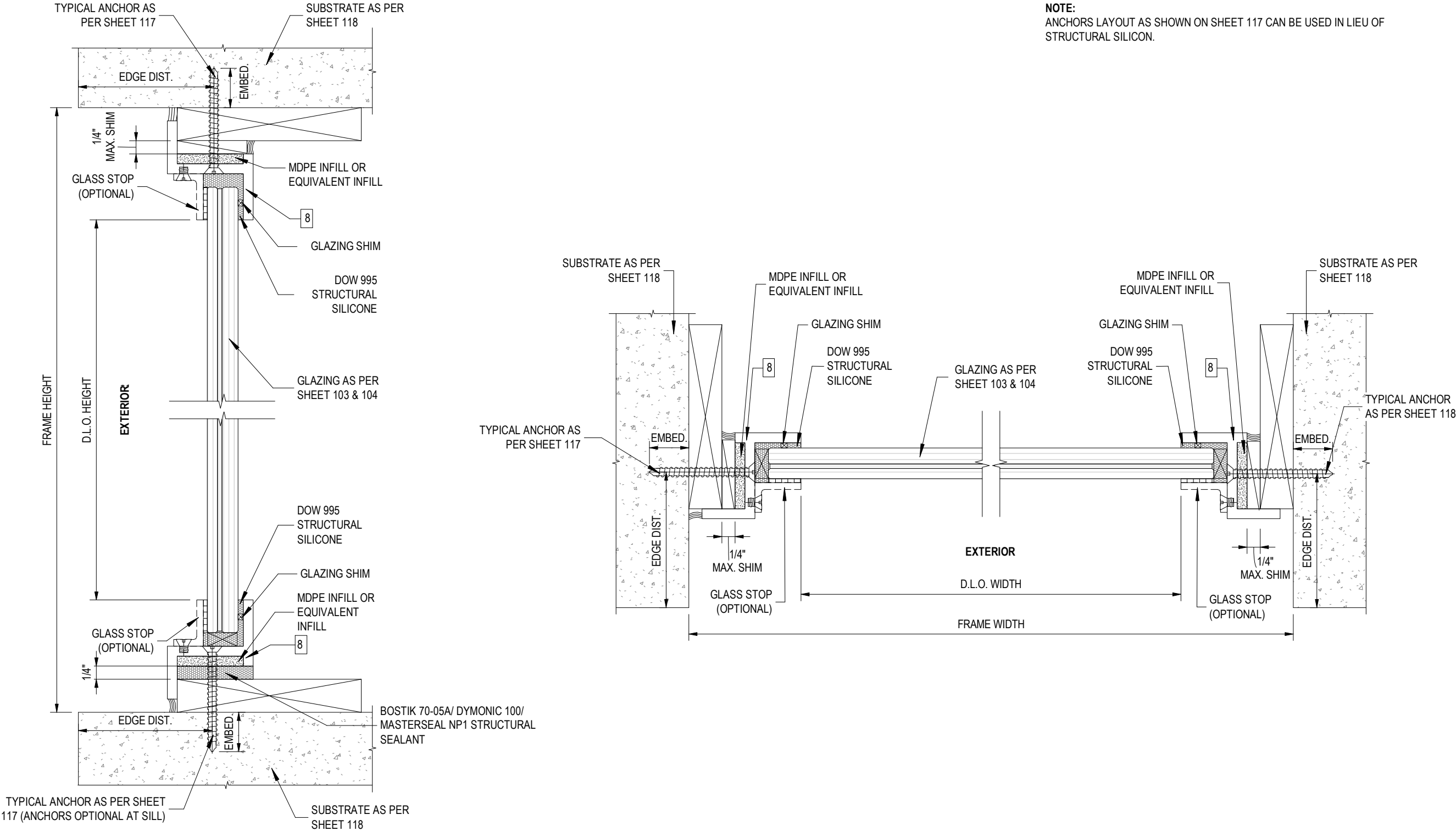
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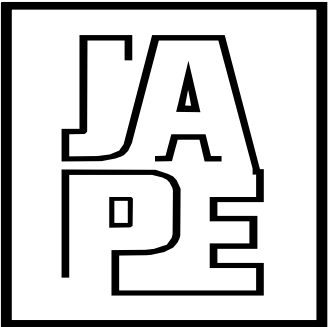
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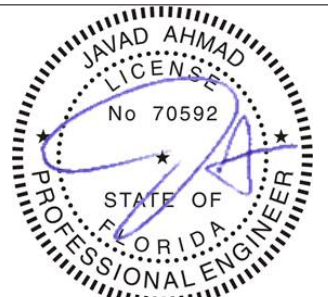
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Check by: MK

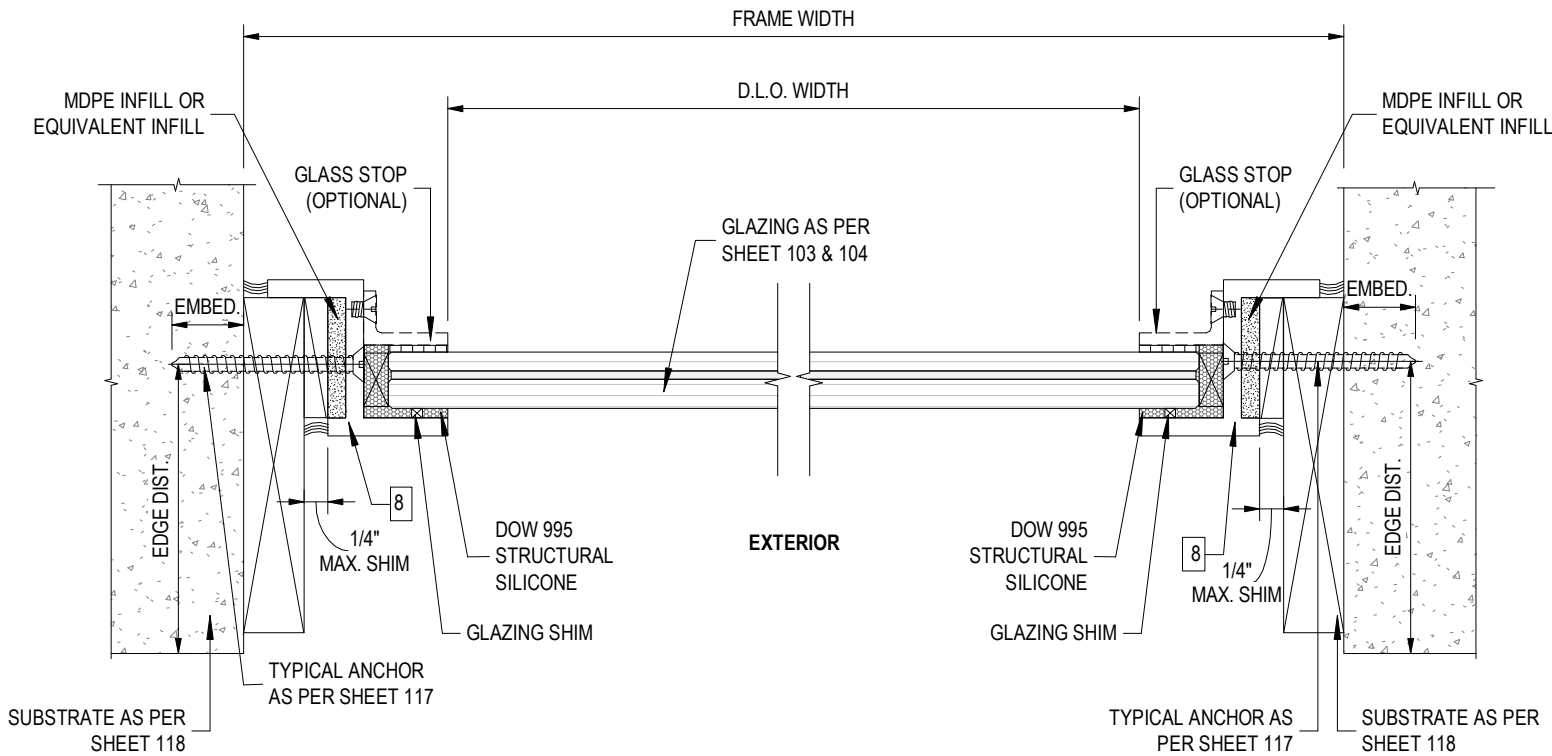
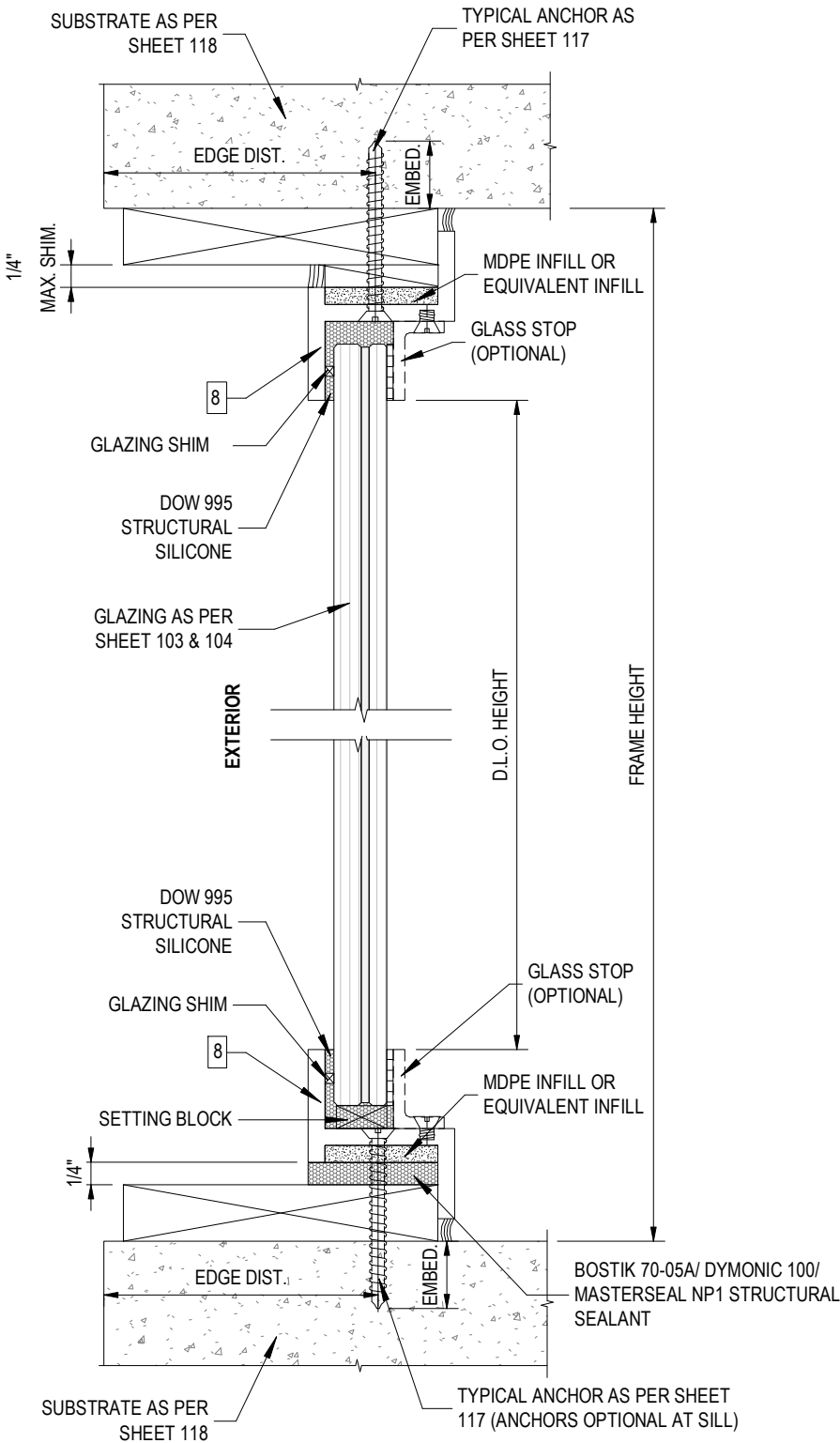
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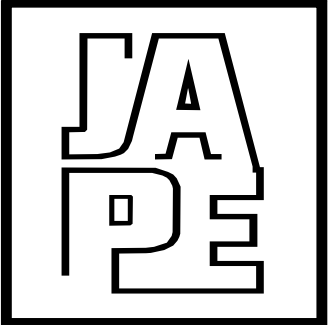
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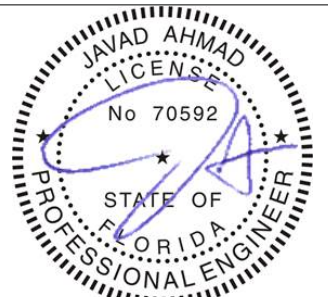
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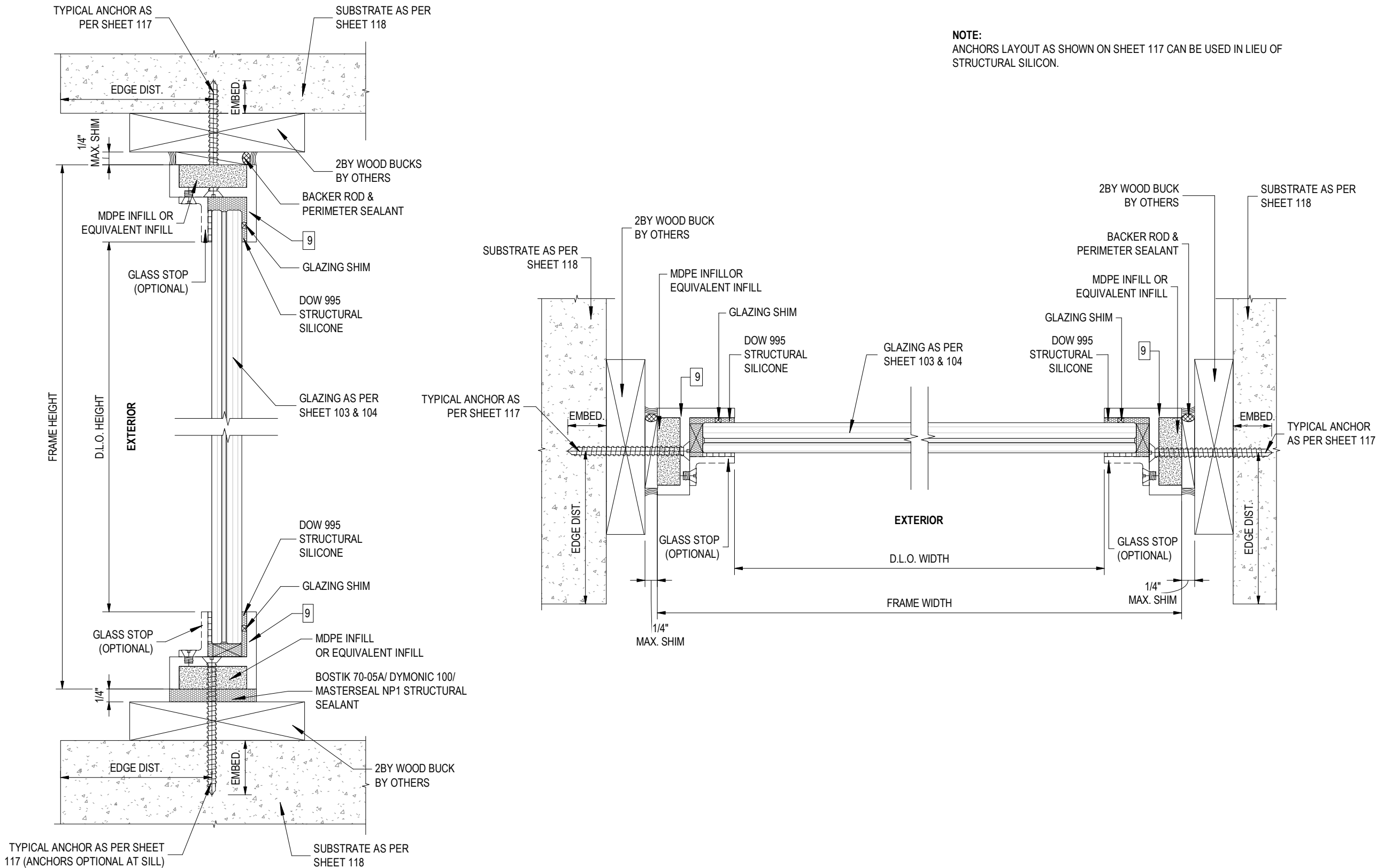
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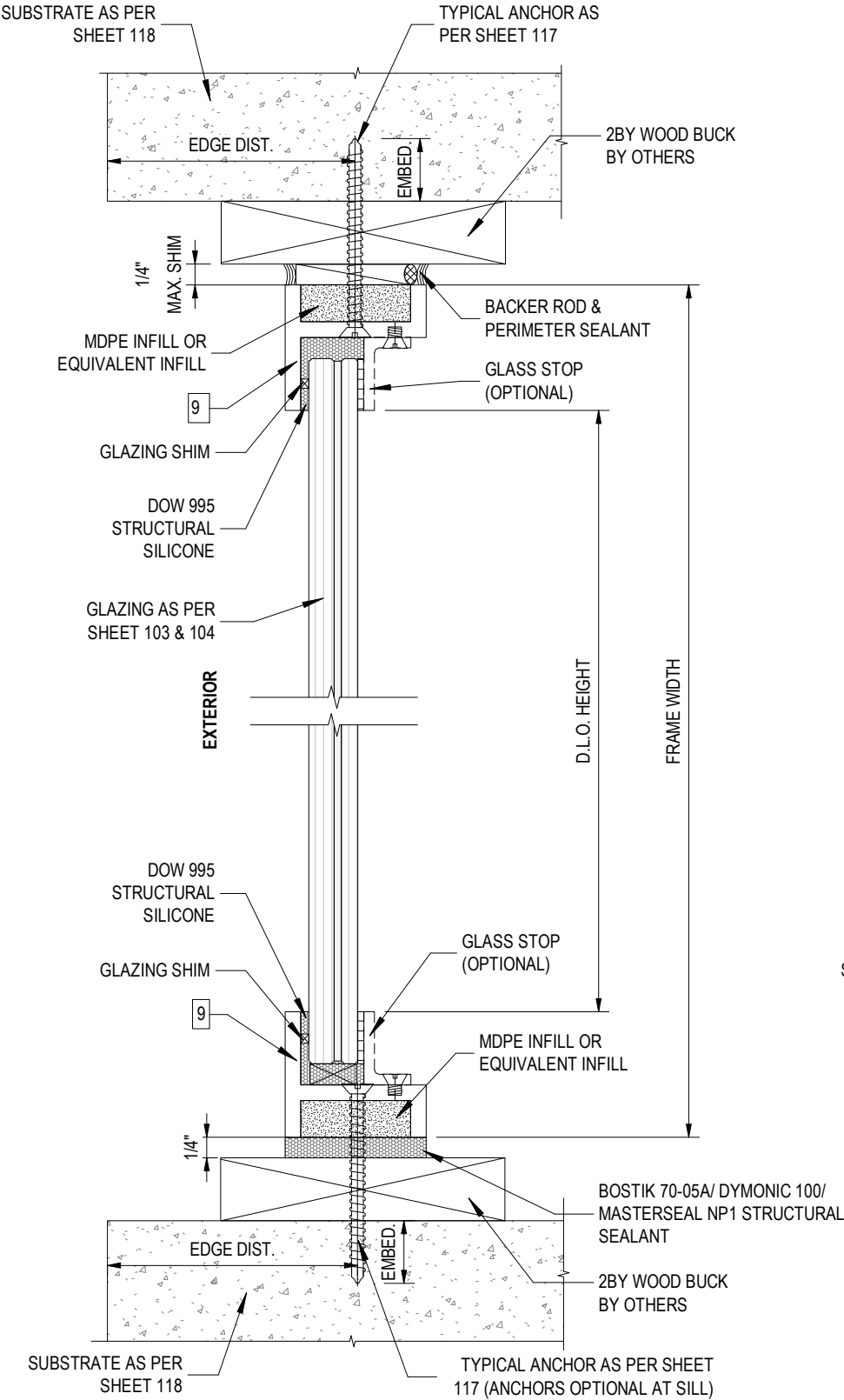
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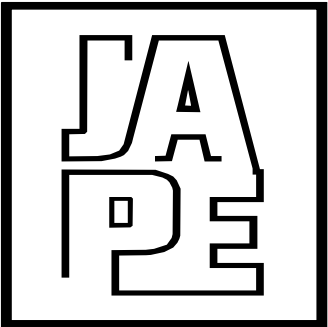
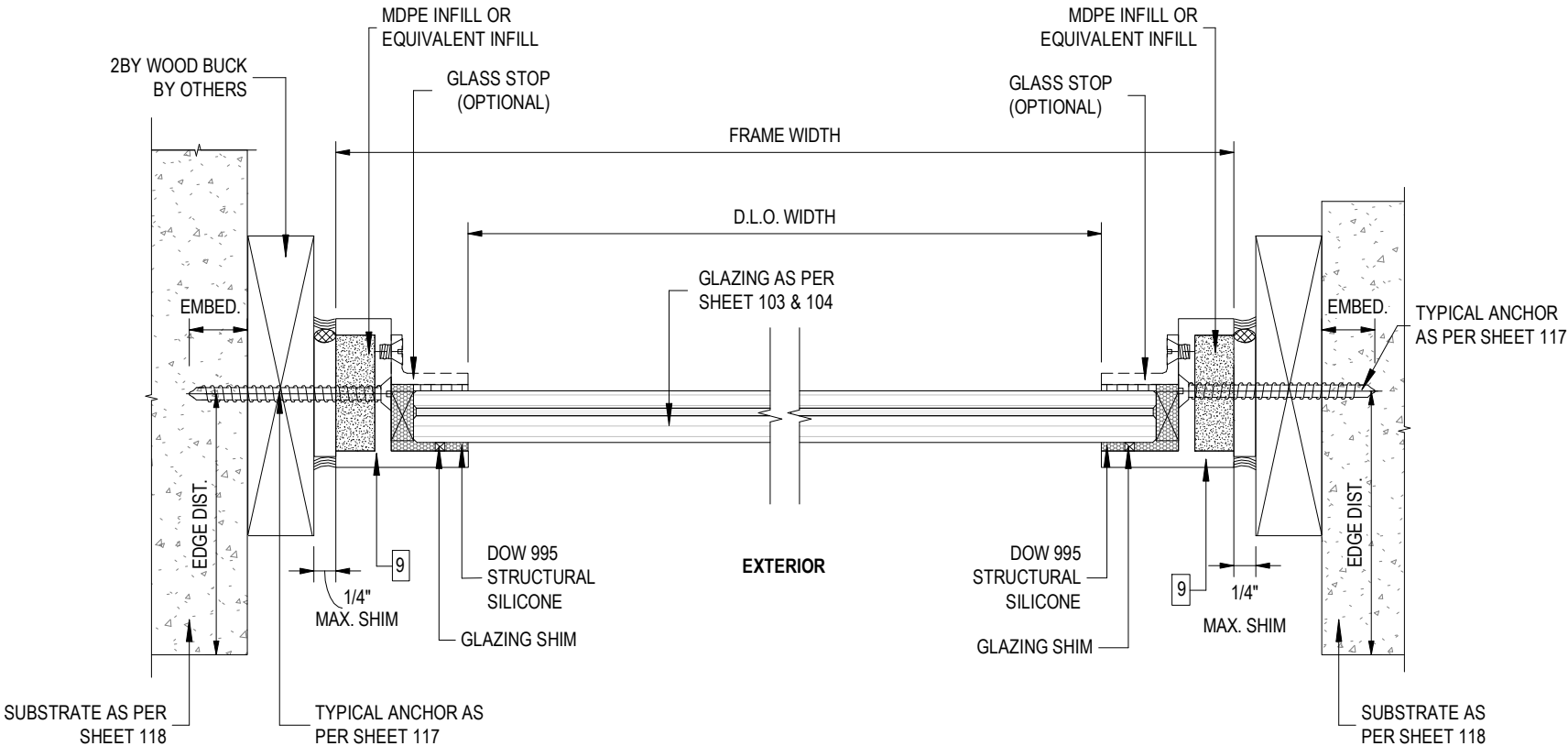
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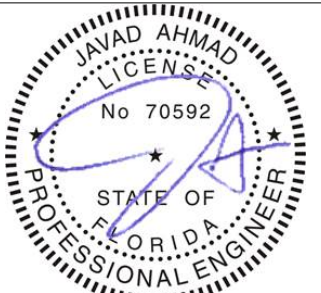
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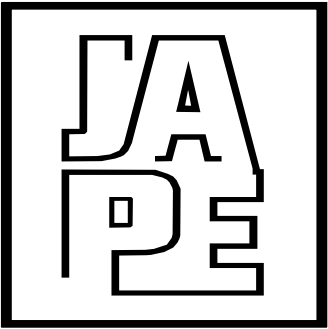
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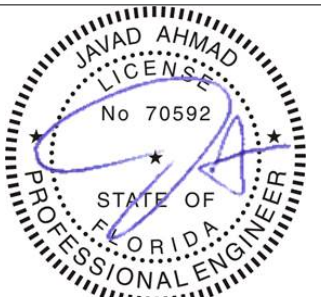
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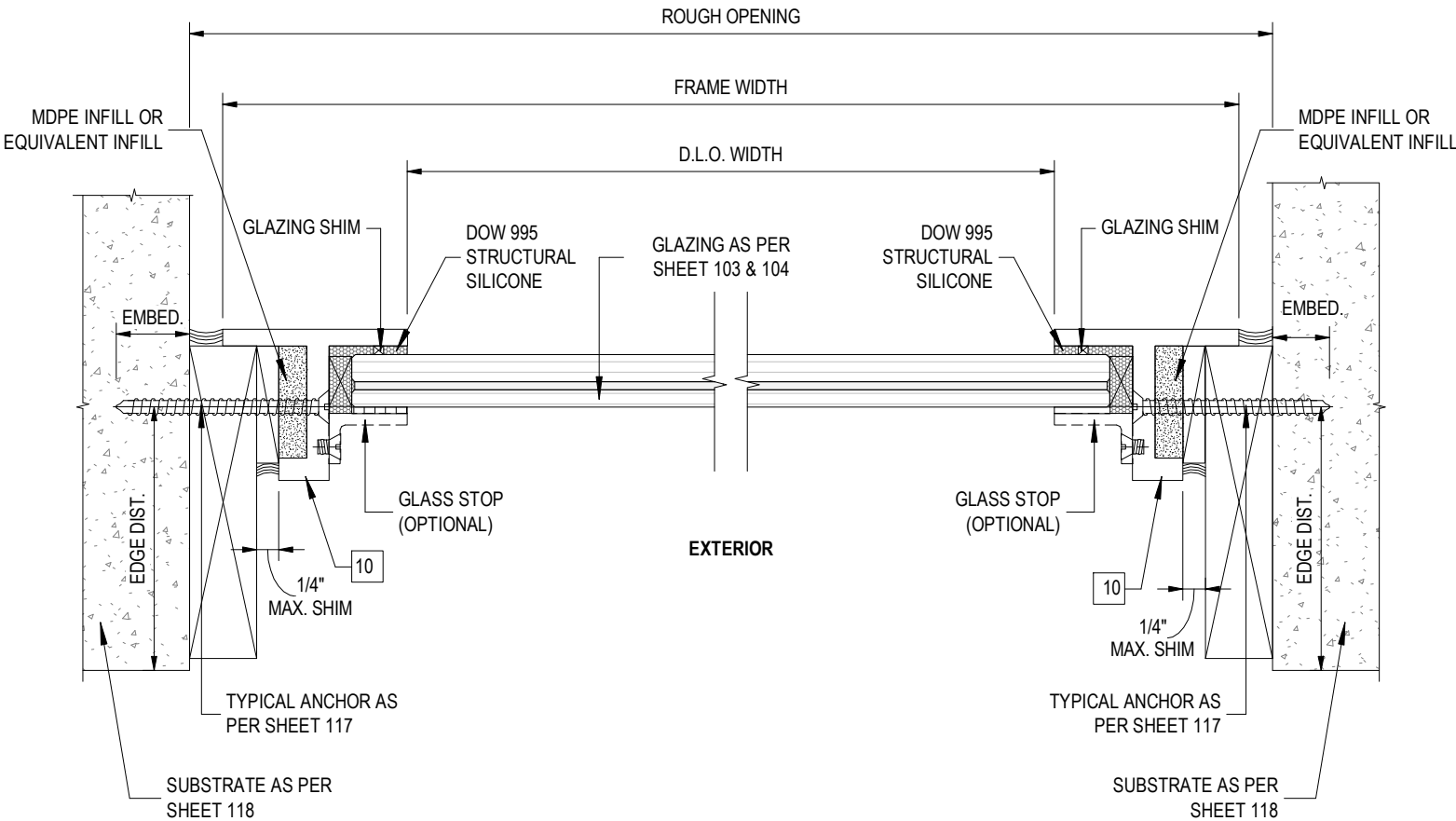
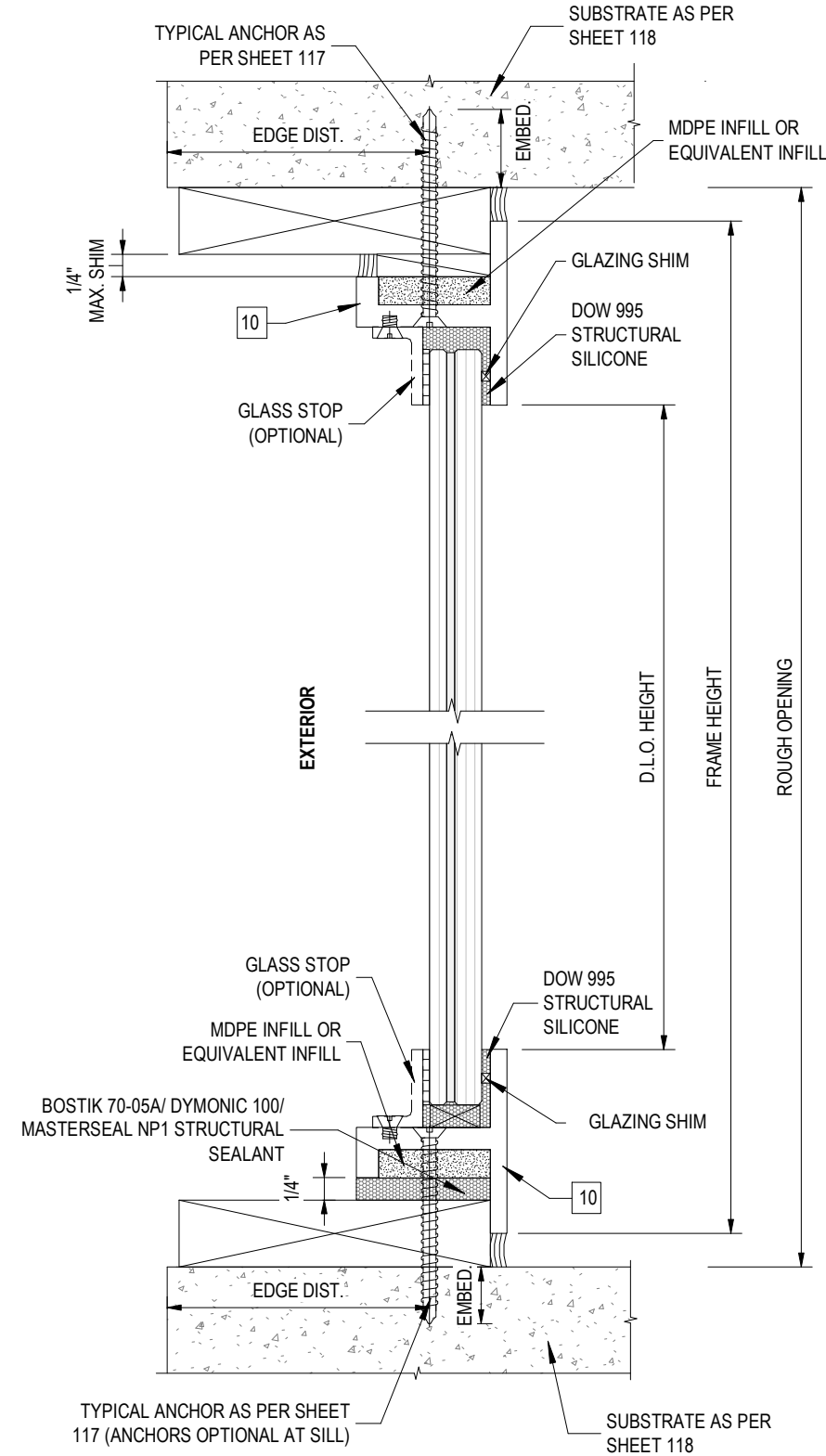
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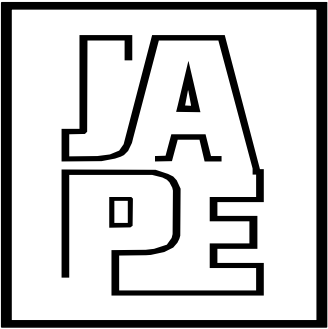
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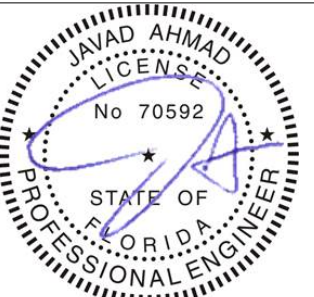
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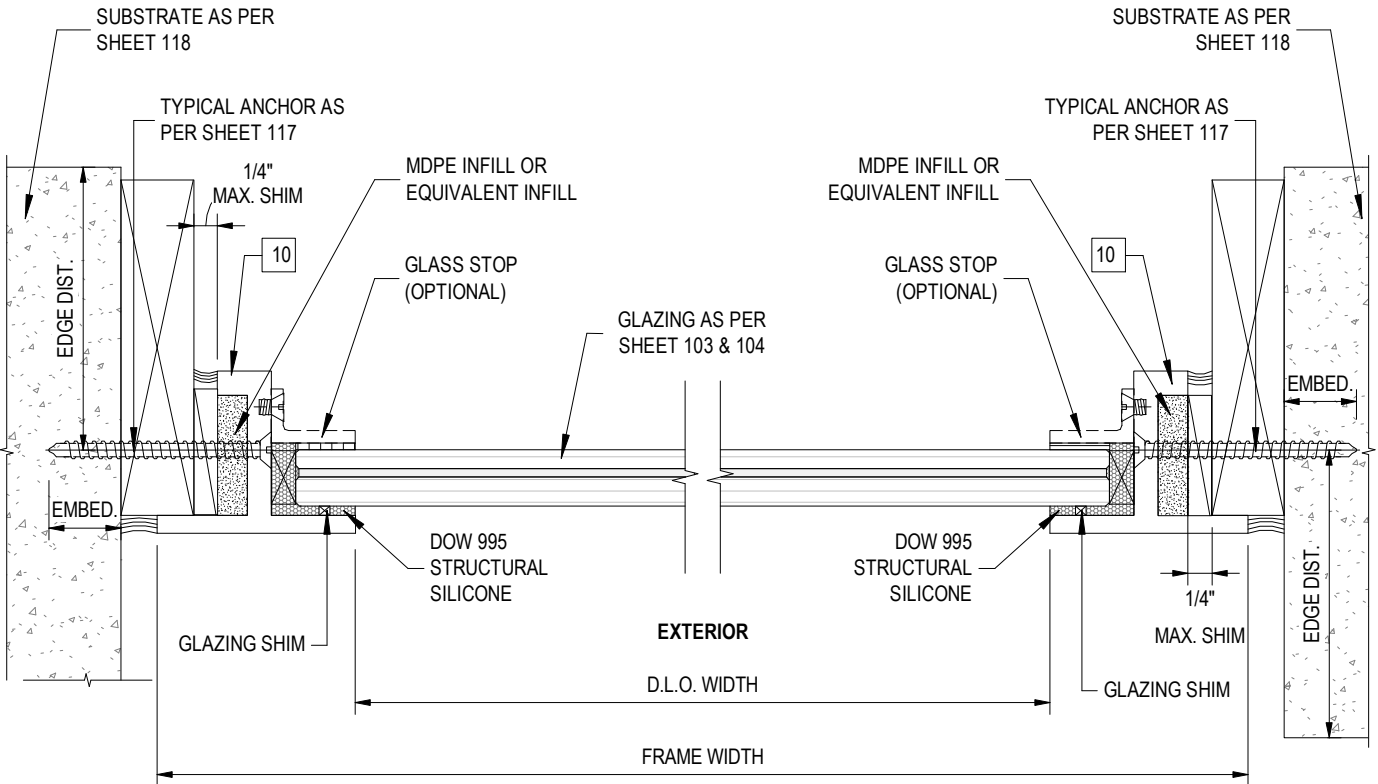
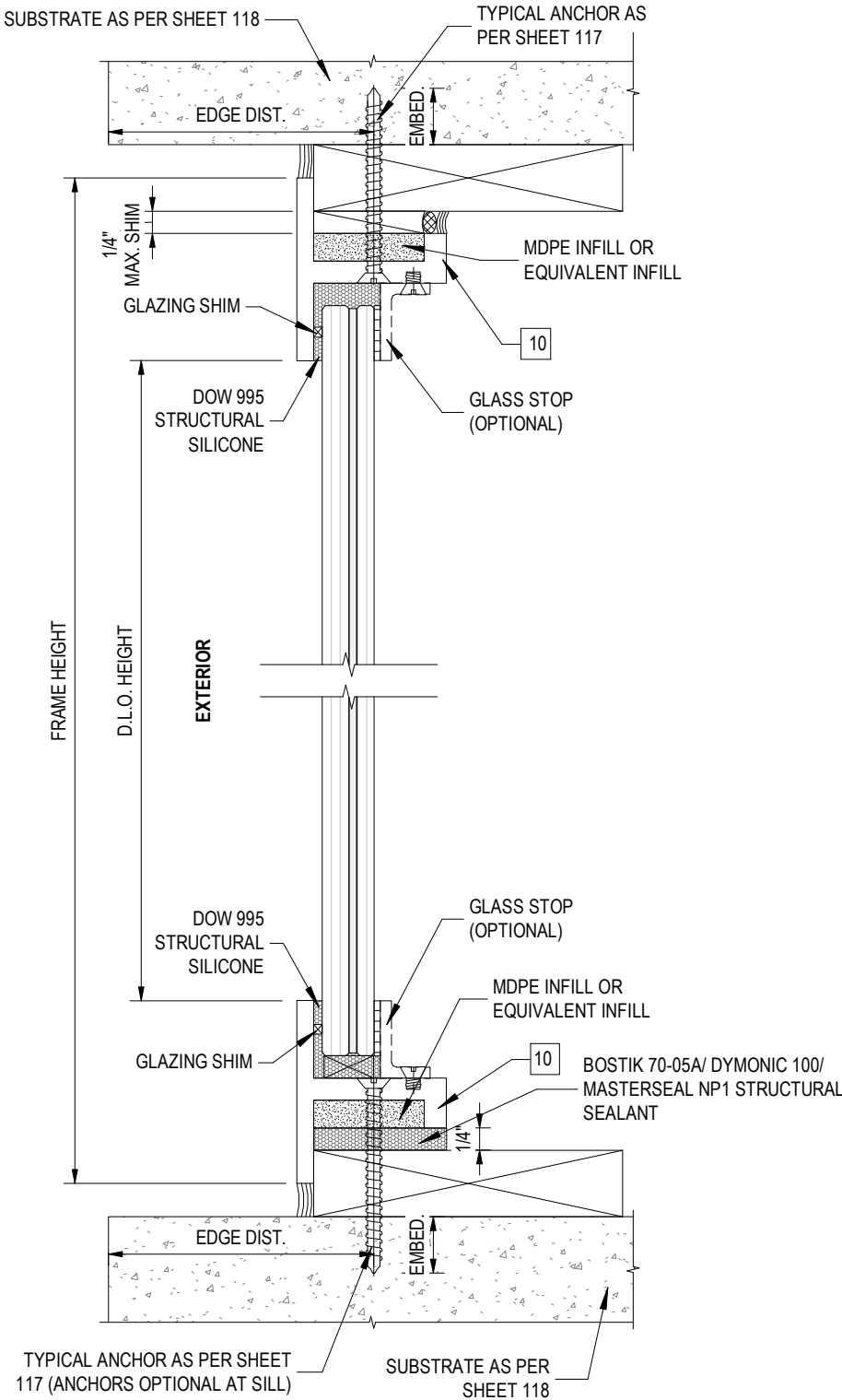
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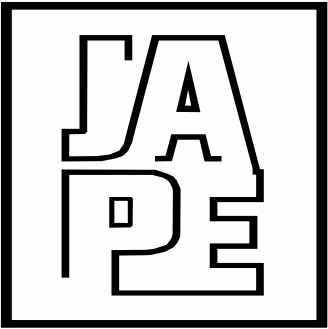
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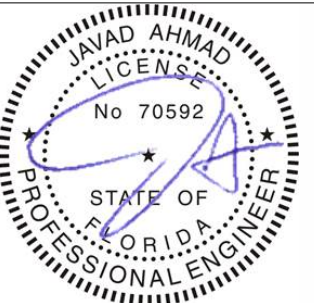
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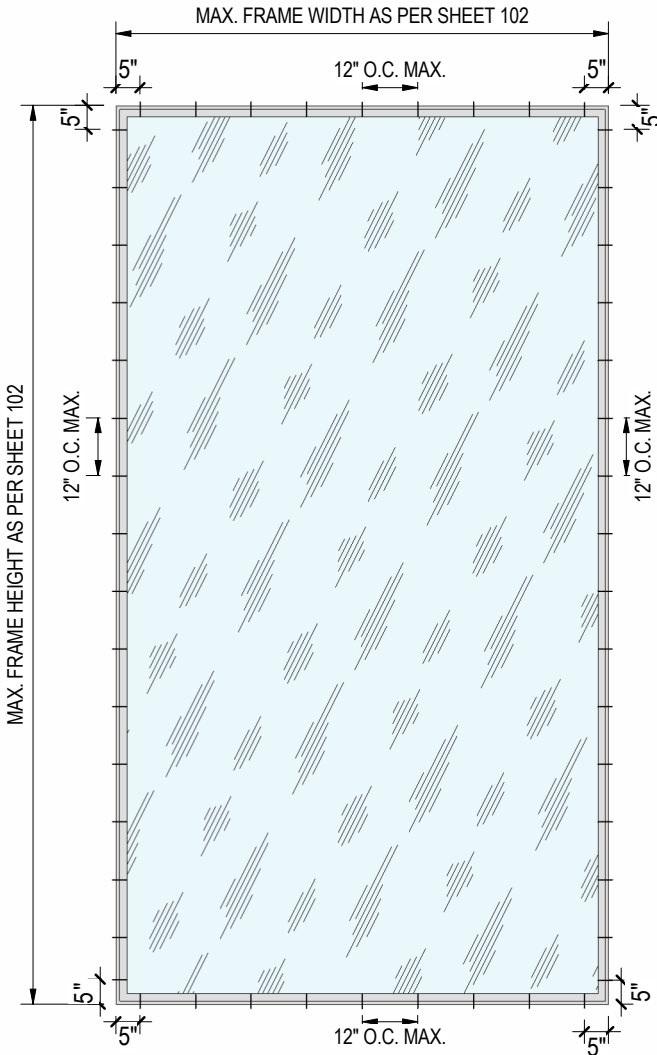
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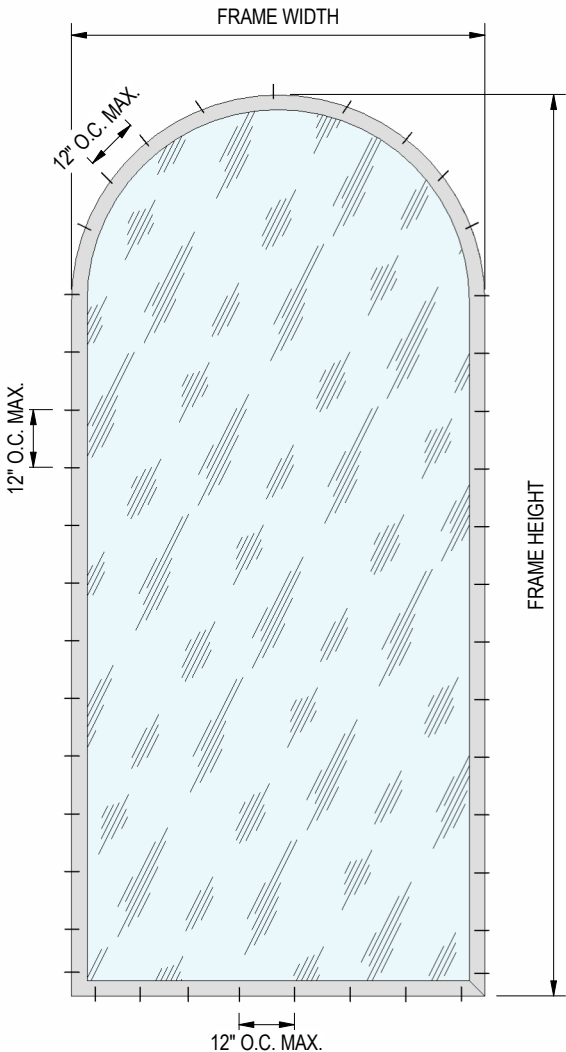
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(ANCHORING AT SILL CAN BE
PROVIDED IN LIEU OF THE
STRUCTURAL ADHESIVE)



(ANCHORING AT SILL CAN BE
PROVIDED IN LIEU OF THE
STRUCTURAL ADHESIVE)

TYPICAL ANCHOR TYPES:

TYPE A -1/4" DEWALT ULTRACON+ (Fu = 177,000 PSI, Fy = 155,000 PSI)

- INTO 2BY WOOD WITH 1-1/2"MIN PENETRATION, AND 1-3/4" MIN EDGE DISTANCE AND 12" O.C. SPACING.
- DIRECTLY INTO CONCRETE OR GROUT FILLED MASONRY WITH 1-3/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE AND 12" O.C. SPACING
- DIRECTLY INTO HOLLOW MASONRY WITH 1-1/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE, AND 12" O.C. SPACING

TYPE B - #12-24 SS SCREWS (GRADE 5 MIN)

- INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 12" O.C. SPACING
- INTO MIN. 1/8" THK. APPROVED MULLIONS WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 12" O.C. SPACING

ANCHOR / SUBSTRATE NOTES:

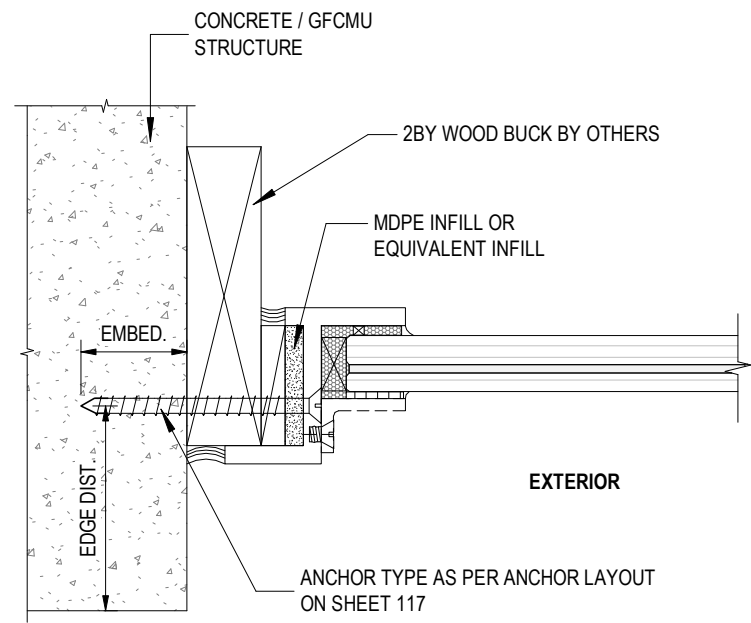
- WOOD AT HEAD OR JAMBS SHOULD BE MIN. SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.) OR EQ.
- CONCRETE AT HEAD OR JAMBS SHOULD BE MIN. f'c= 3000 PSI
- C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f'm= 2000 PSI
- STEEL (1/8" THK., A36 MIN) AT HEAD OR JAMBS
- ALUMINUM (1/8" THK., 6063-T6 MIN) AT HEAD OR JAMBS
- STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED BY OTHERS.

NOTE:

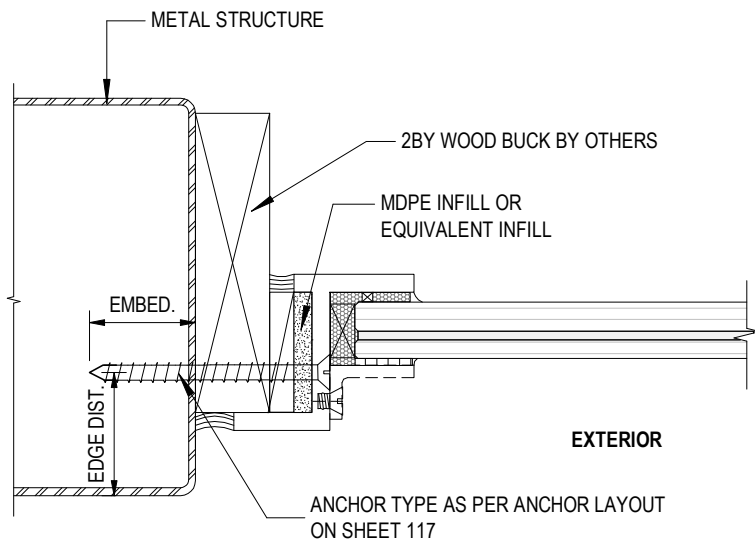
THE SUPPORTING WOOD BUCKS, CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.

SEALANTS:

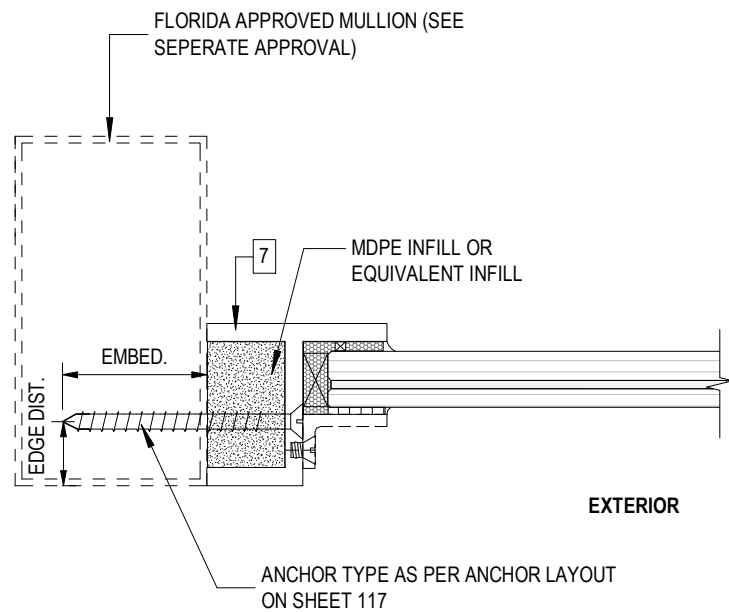
ALL JOINTS AND FRAME CONNECTIONS SHALL BE SEALED WITH ALUMINUM COLOR SEALANT.



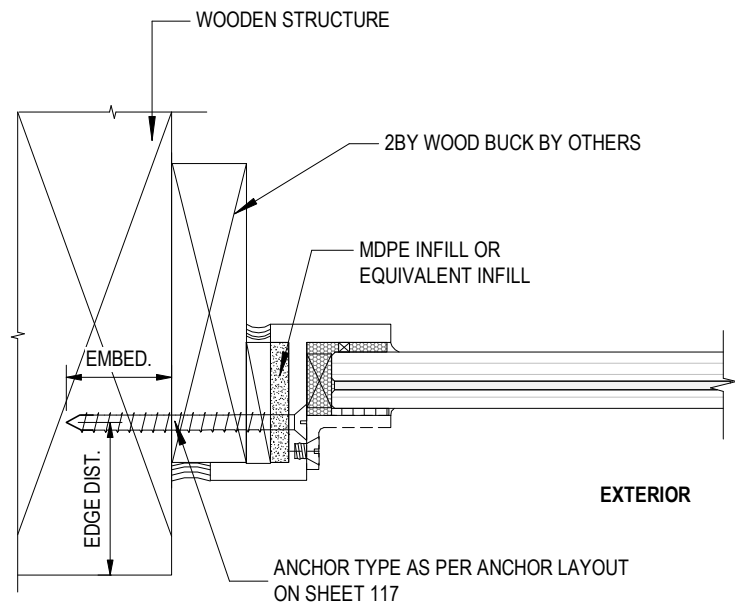
1
118 ANCHORAGE INTO CONCRETE
NOT TO SCALE



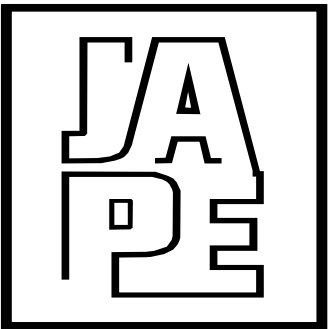
2
118 ANCHORAGE INTO METAL STRUCTURE
NOT TO SCALE



3
118 ANCHORAGE INTO ALUMINUM MULLION
NOT TO SCALE



4
118 ANCHORAGE INTO WOOD STRUCTURE
NOT TO SCALE



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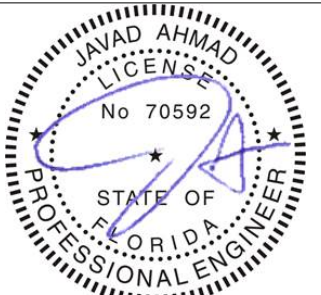
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Drawn by: SA

Check by: MK

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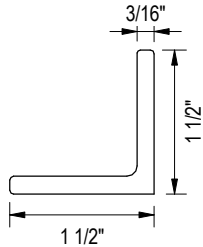
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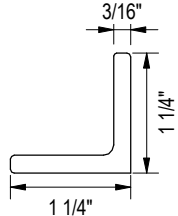
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PARTS LIST

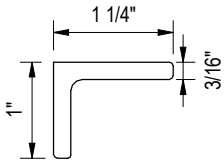
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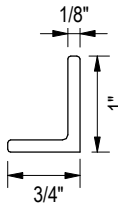
1 JNL



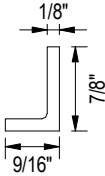
2 NL2



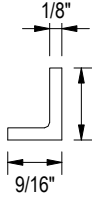
3 NLS



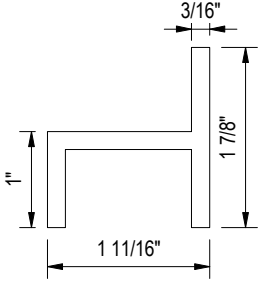
4 GLASS STOP
(OPTIONAL)



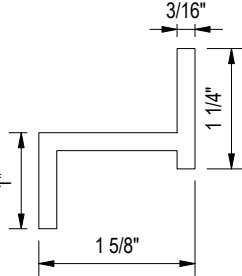
5 GLASS STOP
(OPTIONAL)



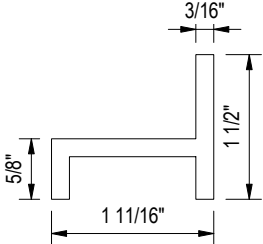
6 GLASS STOP
(OPTIONAL)



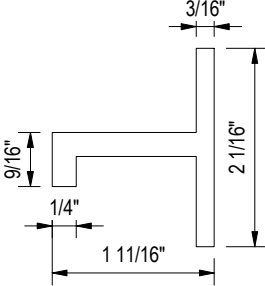
7 ELL



8 LL1

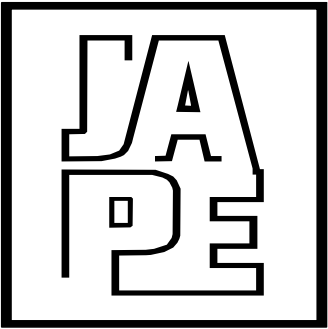


9 ESL



10 LL2

BILL OF MATERIALS				
ITEM #	REQUIREMENT	PART #	DESCRIPTION	MATERIAL
METAL				
1	AS REQD.	-	JNL (1 1/2"X1 1/2"X3/16") CUSTOM ANGLE	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
2	AS REQD.	-	NL2 (1 1/4"X1 1/4"X3/16") CUSTOM ANGLE	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
3	AS REQD.	-	NLS (1"X1 1/4"X3/16") CUSTOM ANGLE	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
4	AS REQD.	-	GLASS STOP	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
5	AS REQD.	-	GLASS STOP	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
6	AS REQD.	-	GLASS STOP	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
7	AS REQD.	-	ELL (CUSTOM PROFILE BY MANUFACTURER)	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
8	AS REQD.	-	LL1 (CUSTOM PROFILE BY MANUFACTURER)	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
9	AS REQD.	-	ESL (CUSTOM PROFILE BY MANUFACTURER)	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
10	AS REQD.	-	LL2 (CUSTOM PROFILE BY MANUFACTURER)	BRONZE- C385 / ALUMINUM-6061 / STAINLESS STEEL-316
FASTENERS				
2.0	AS REQD.	-	FLAT HEAD PHILLIPS	-
2.1	AS REQD.	-	SS FLAT HEAD PHILLIPS	STAINLESS STEEL
CAULKING				
3.0	AS REQD.	-	LAZER BLOCK SEAL	-
3.1	AS REQD.	-	PRO MS-50 WHITE	-
3.2	AS REQD.	-	DOW 995-BLACK	-
3.3	AS REQD.	-	DOW 795-BLACK	-
3.4	AS REQD.	-	3/8" CLOSED CELL BACKER ROD	-
3.5	AS REQD.	-	1/8" X 1/8" X 3" GLAZING SHIM	-
3.6	AS REQD.	-	5/16" X 13/16" X 3" SETTING BLOCK	-
3.7	AS REQD.	-	GLAZING TAPE	-
3.8	AS REQD.	-	GLAZING WEDGE	-
3.9	AS REQD.	-	FRP	-
3.10	AS REQD.	-	BOSTIK 70-05A ADHEVIVE	SILYL MODIFIED POLYMER
3.11	AS REQD.	-	TREMCO DYMONIC 100 SEALANT	POLYURETHANE
3.12	AS REQD.	-	MASTERSEAL NP 1 SEALANT	POLYURETHANE



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support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

FIXED WINDOW SYSTEM

CLIENT :

AMERICAN STEEL
MANUFACTURING, LLC

280 W. HILLSBORO BLVD /
DEERFIELD BEACH, FL 33441

REVISION

No.	DATE	BY	DESCRIPTION

Date: 02-26-2025

Scale: N/A

Drawn by: SA

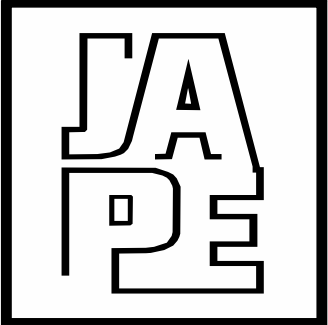
Check by: MK

Drawing no. JA-1582-23

Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



SEALED: 02-26-2025



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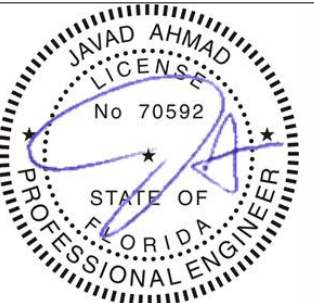
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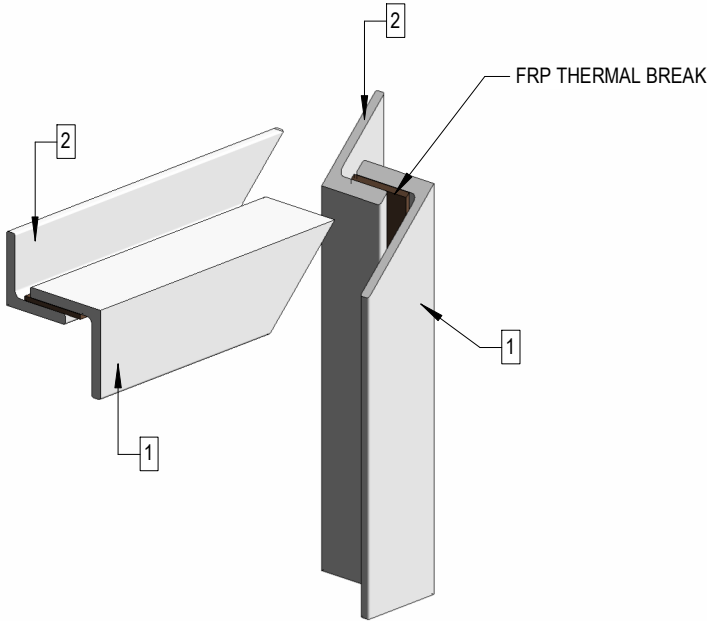
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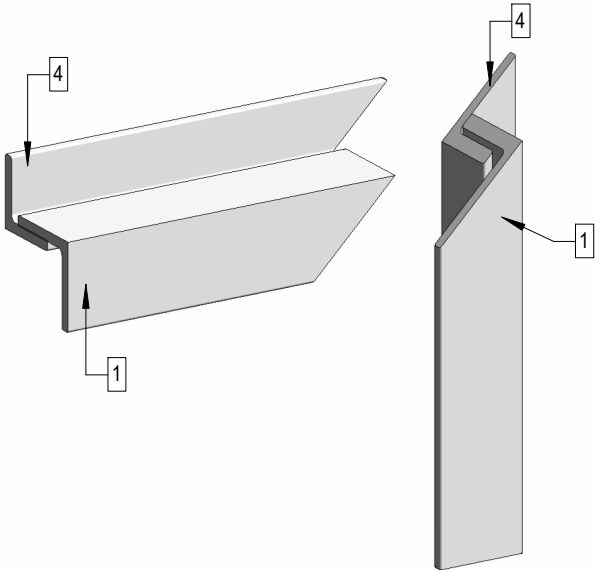
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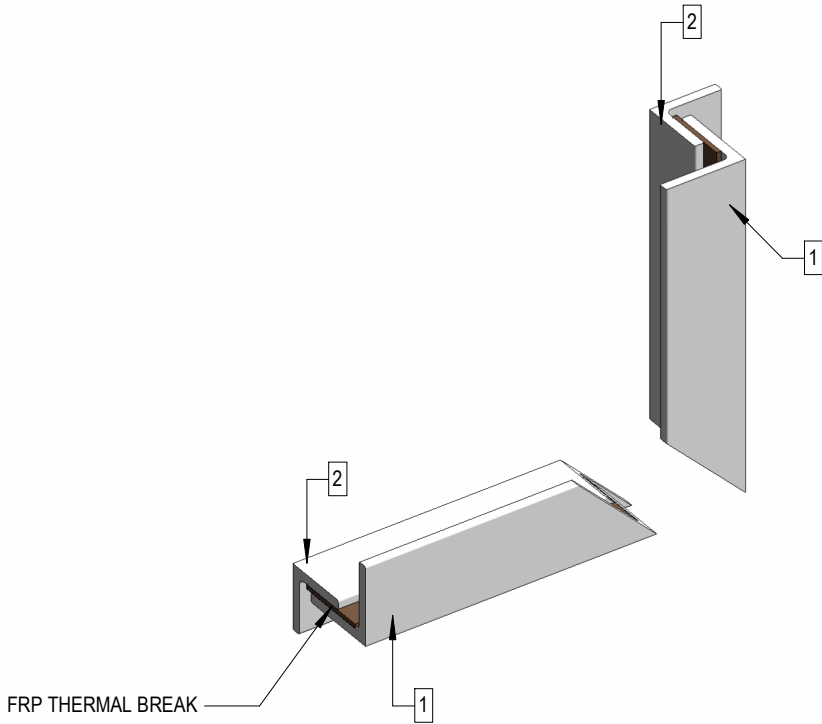
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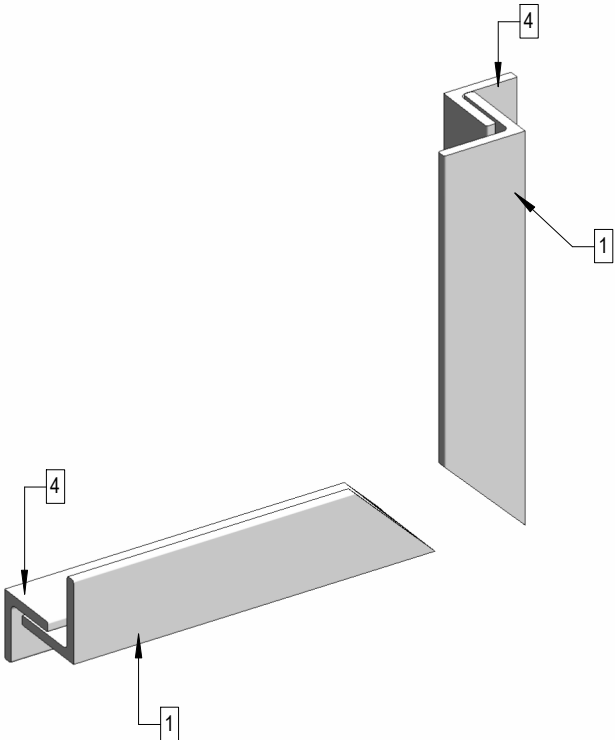
THERMALLY BROKEN - TOP CORNER FRAME ASSEMBLY DETAILS



NON-THERMALLY BROKEN - TOP CORNER FRAME ASSEMBLY DETAILS



THERMALLY BROKEN - BOTTOM CORNER FRAME ASSEMBLY DETAILS



NON-THERMALLY BROKEN - BOTTOM CORNER FRAME ASSEMBLY DETAILS