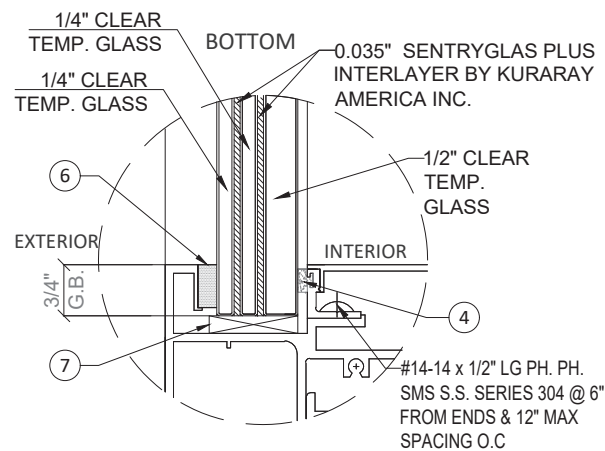
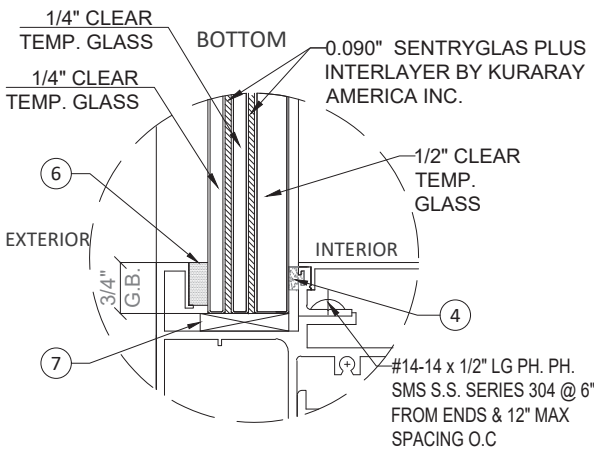


CONTINENTAL GLASS SYSTEMS

SERIES 3900 WALL WINDOW (SMI)



GLASS TYPE "G1"
1 3/16" NORMAL OVERNAL



GLASS TYPE "G2"
1 3/16" NORMAL OVERNAL

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

- WINDOWS RATED FOR SMALL MISSILE IMPACT.
IMPACT SHUTTERS ARE NOT REQUIRED.

- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS.
ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE 8TH EDITION 2023 SECTION AS APPLICABLE.

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

- SEALANTS:
ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.

- METAL STRUCTURES NOT BY CONTINENTAL GLASS SYSTEMS LLC TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.

- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT.
THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.

-TYPICAL ANCHORS: (SEE ELEVATIONS FOR SPACING)

A) 1/4" ULTRACON + BY "DEWALT" W/1.75" MIN EMBED INTO
NORMAL WEIGHT CONCRETE $f_c = 3050\text{psi}$

B) 5/16" ULTRACON BY "DEWALT" W/1.75" MIN EMBED INTO
NORMAL WEIGHT CONCRETE $f_c = 3000\text{psi}$

C) 5/16" SELF DRILLING SCREWS GRADE 5 INTO 1/8" MIN.
THICKNESS ALUM STRUCTURE (6063-T5) OR 1/8" STEEL
STRUCTURE.

EDGE DIST:
INTO CONCRETE : 3 1/2" MIN.
INTO METAL STRUCTURE: 1 3/8" MIN.

NOTE:
GLASS COMPLIES WITH ASTM
E1300-16 (3 SEC. GUSTS).

- NOTE:
- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS) AND CHAPTER 17 OF THE FBC 2023.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/8 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 - D.L.O. MAY NOT EXCEED DIMENSIONS SHOWN.
 - 3900 WALL WINDOW (LMI) COMPLIES W/ ANSI Z97.1

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION/ GENERAL NOTES/ GLAZING DETAIL
2	TYPICAL ELEVATION
3	TYPICAL ELEVATION
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS
6	HORIZONTAL SECTIONS
7	FRAME CONSTRUCTION DETAILS
8	COMPONENTS AND BILL OF MATERIALS



REVISIONS	
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DESCRIPTION	
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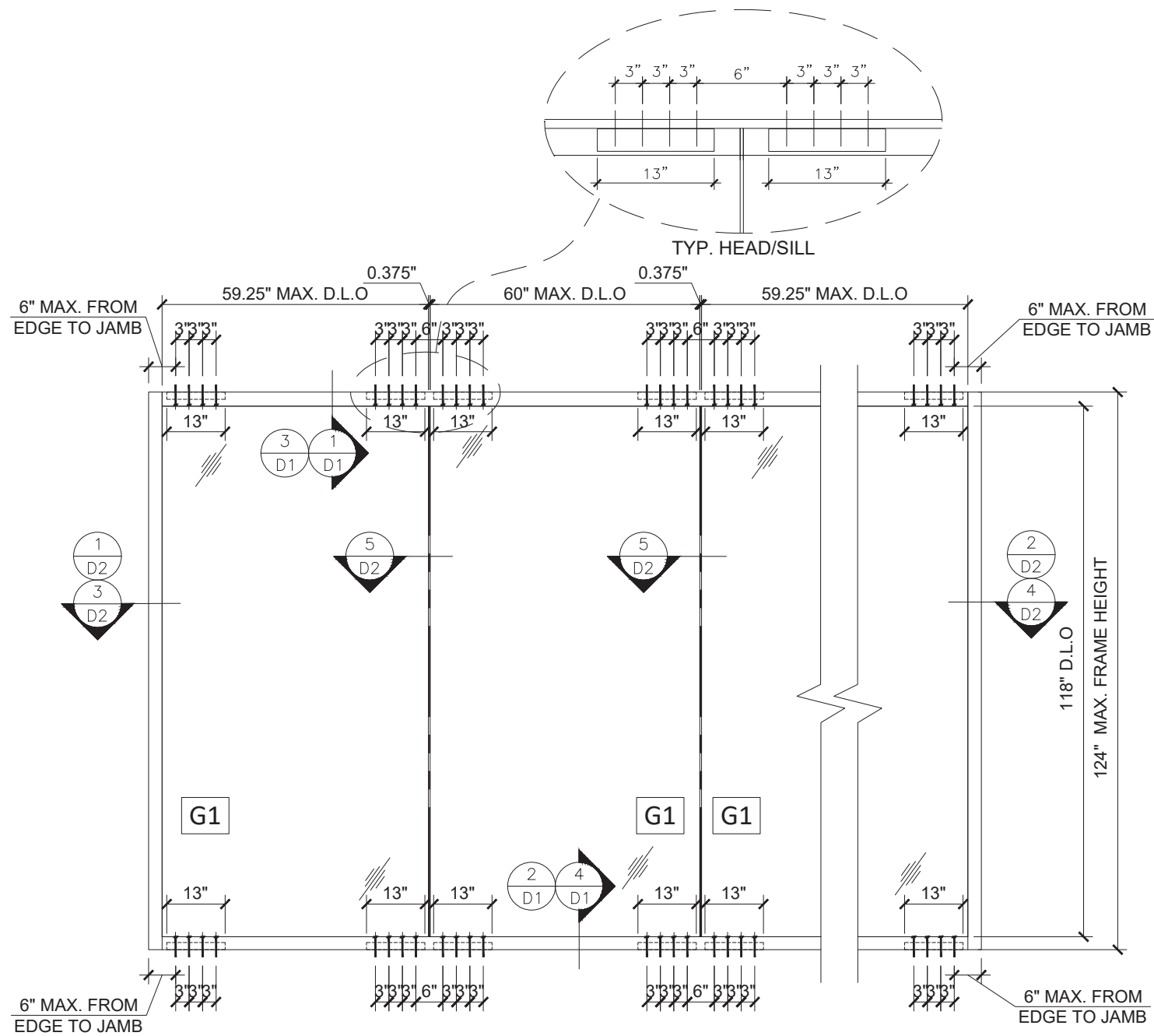
3900 SERIES WINDOW WALL - S.M.I

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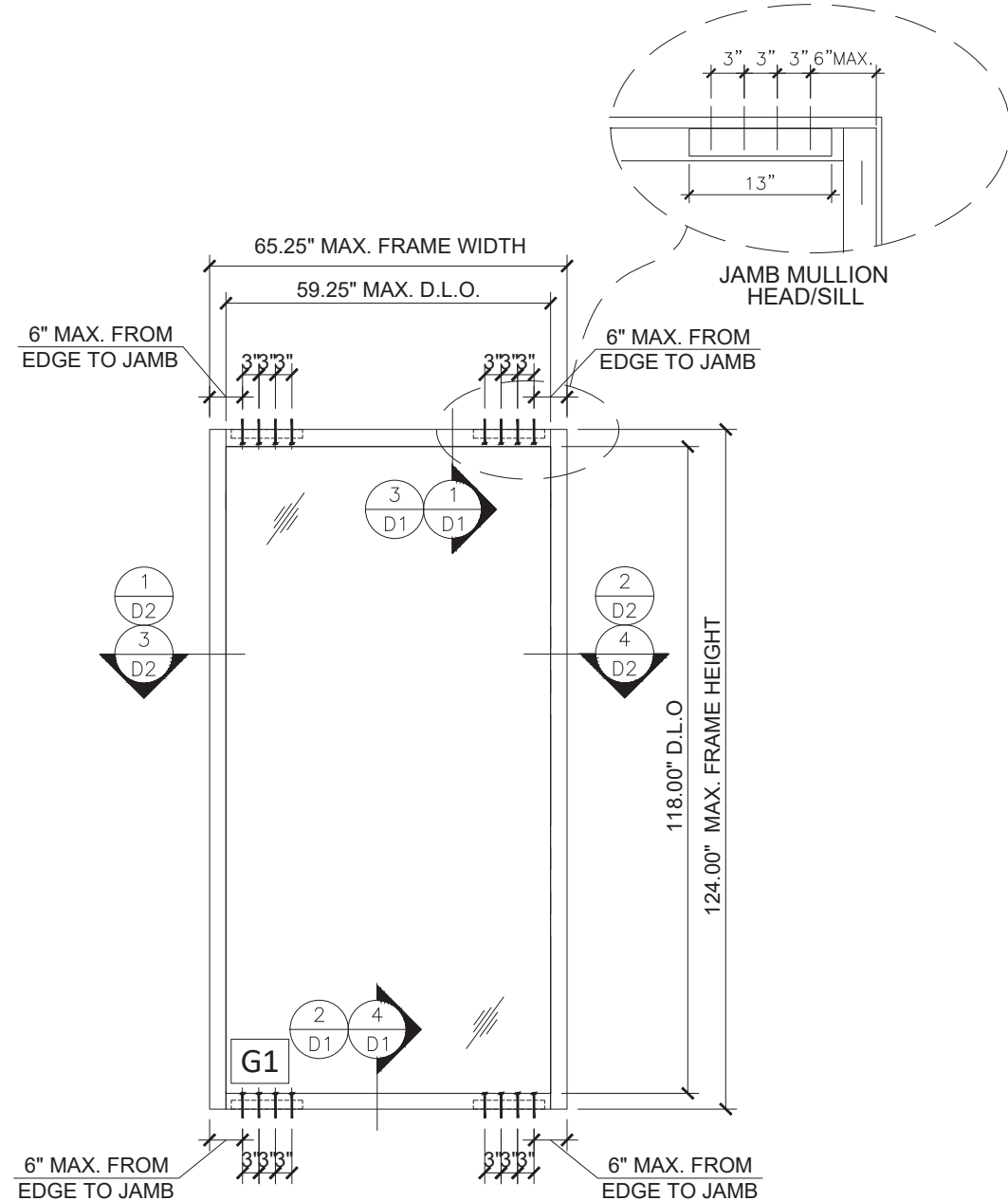
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TEL.: (305) 231.1101

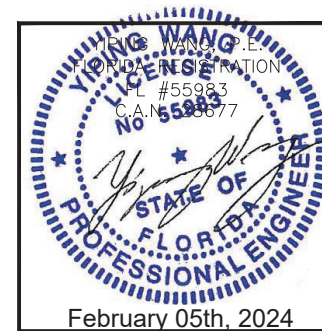
FL#20111.2	
DATE	02.05.2024
SCALE	AS NOTED
DRAWN	James
PROJECT	
COVER	
DRAWING NO.	
AD21-15	
1	OF 8



1 TYPICAL ELEVATION
EXTERIOR VIEW
DESIGN LOAD = 120 PSF



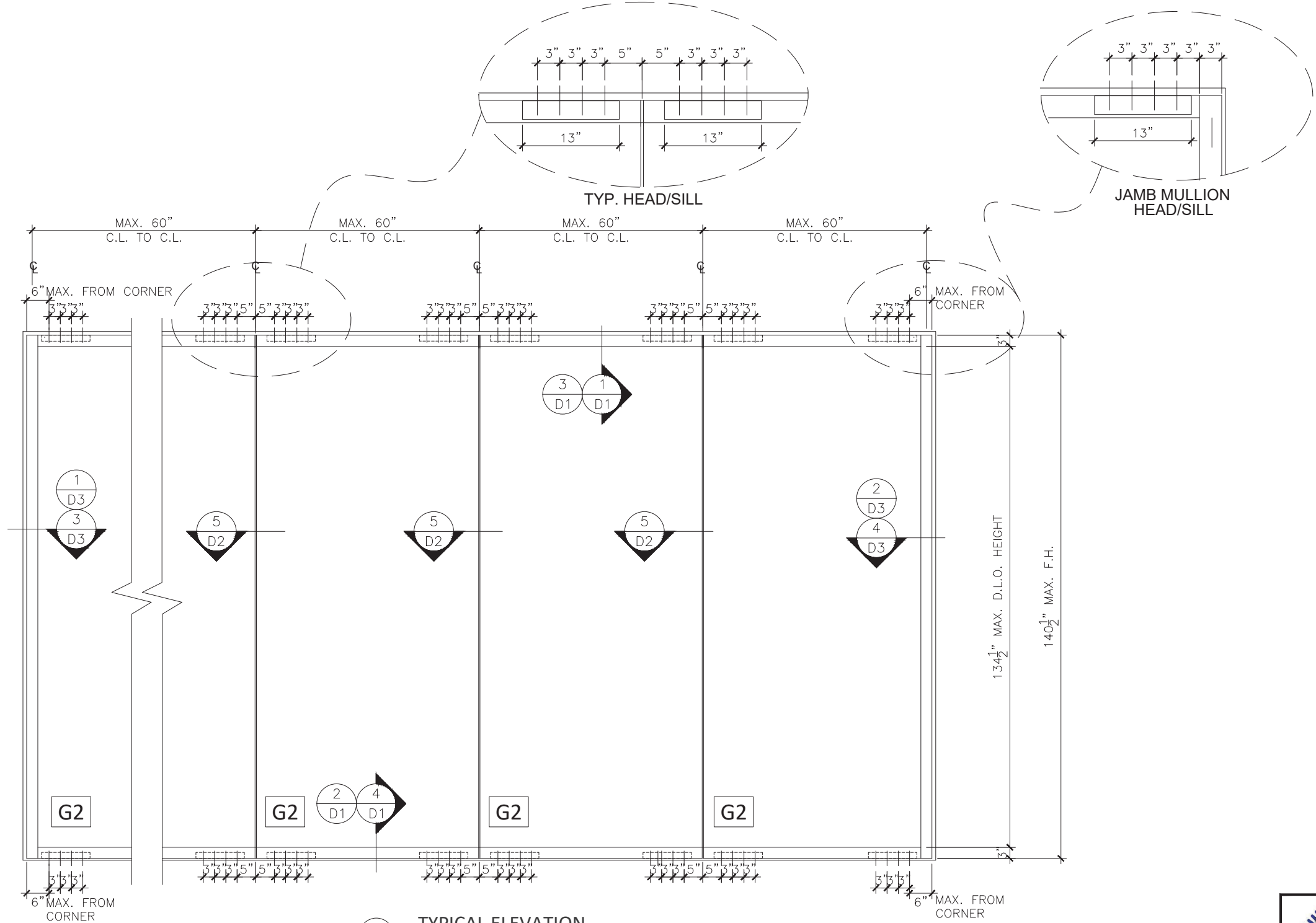
2 TYPICAL ELEVATION
EXTERIOR VIEW
(DESIGN LOAD = 120 PSF)



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PROJECT
E1
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2 OF 8



1 TYPICAL ELEVATION
EXTERIOR VIEW
(DESIGN LOAD = 110 PSF)



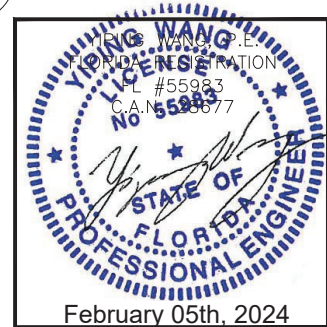
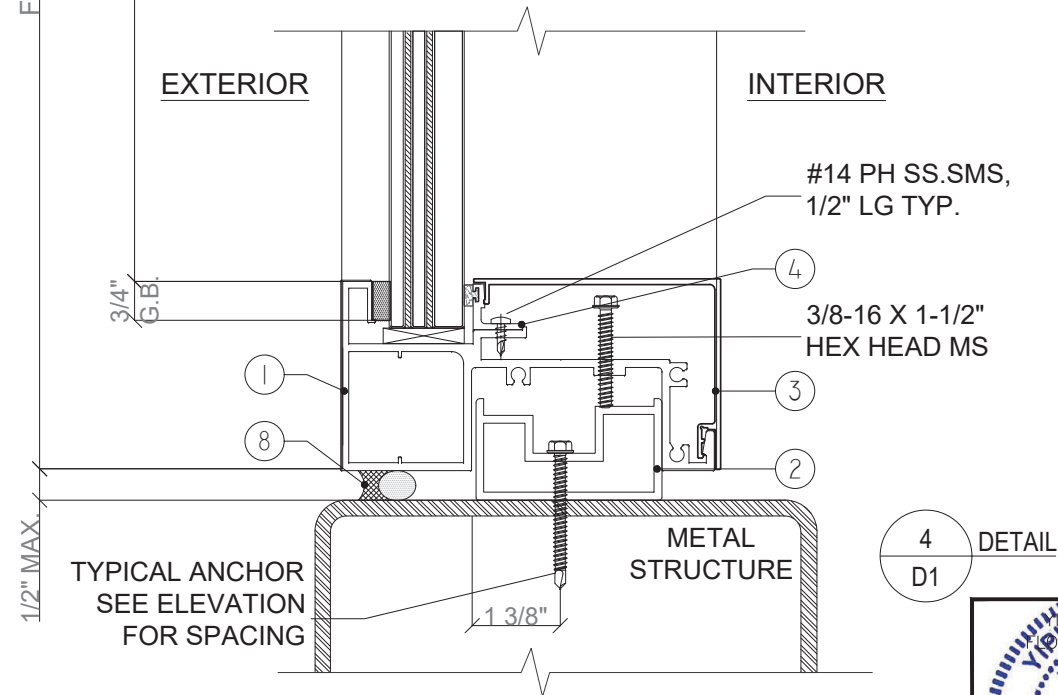
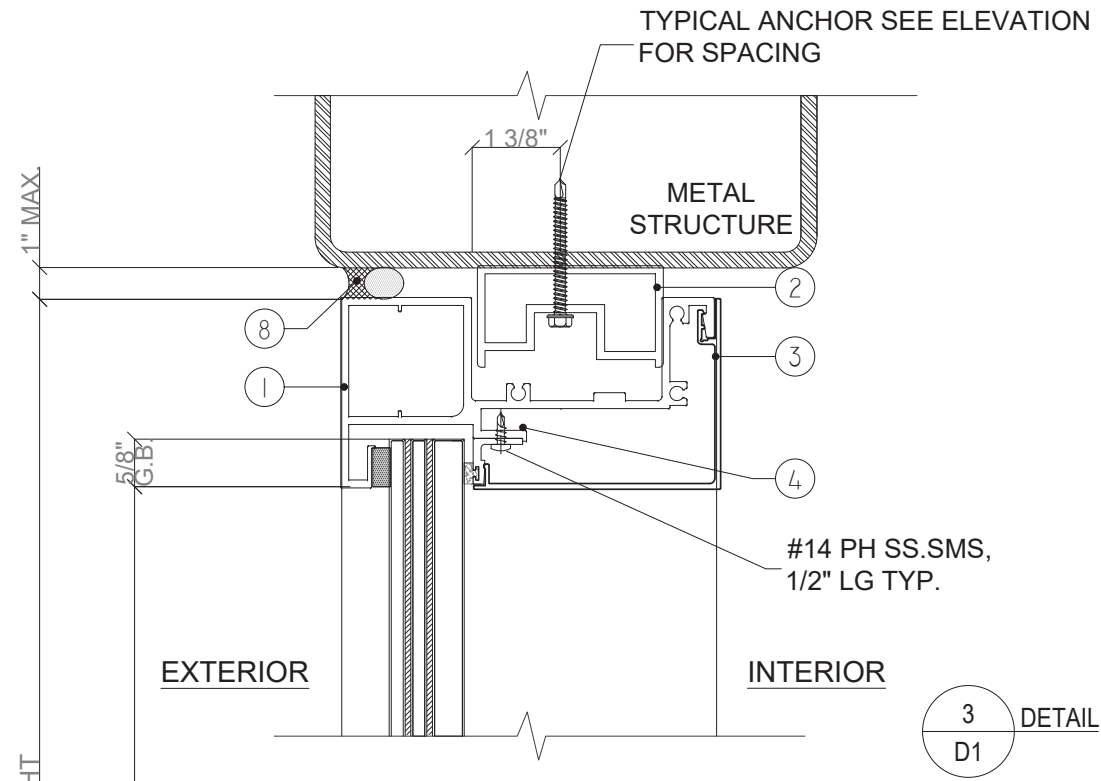
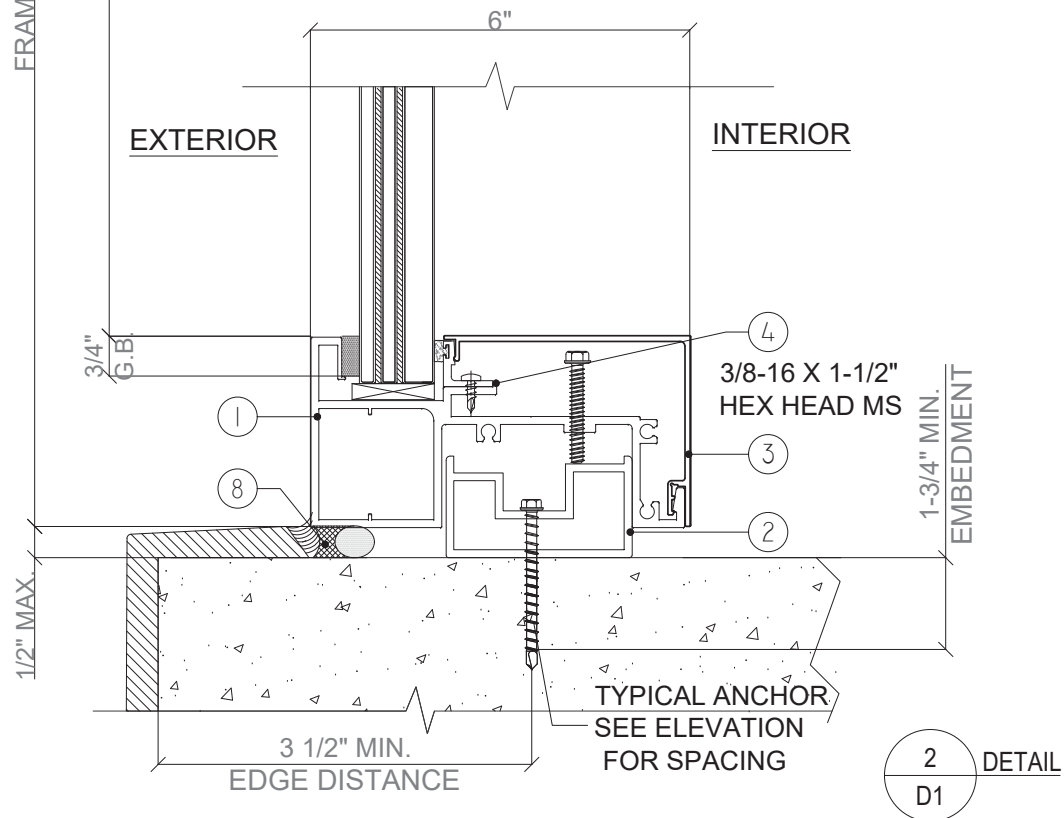
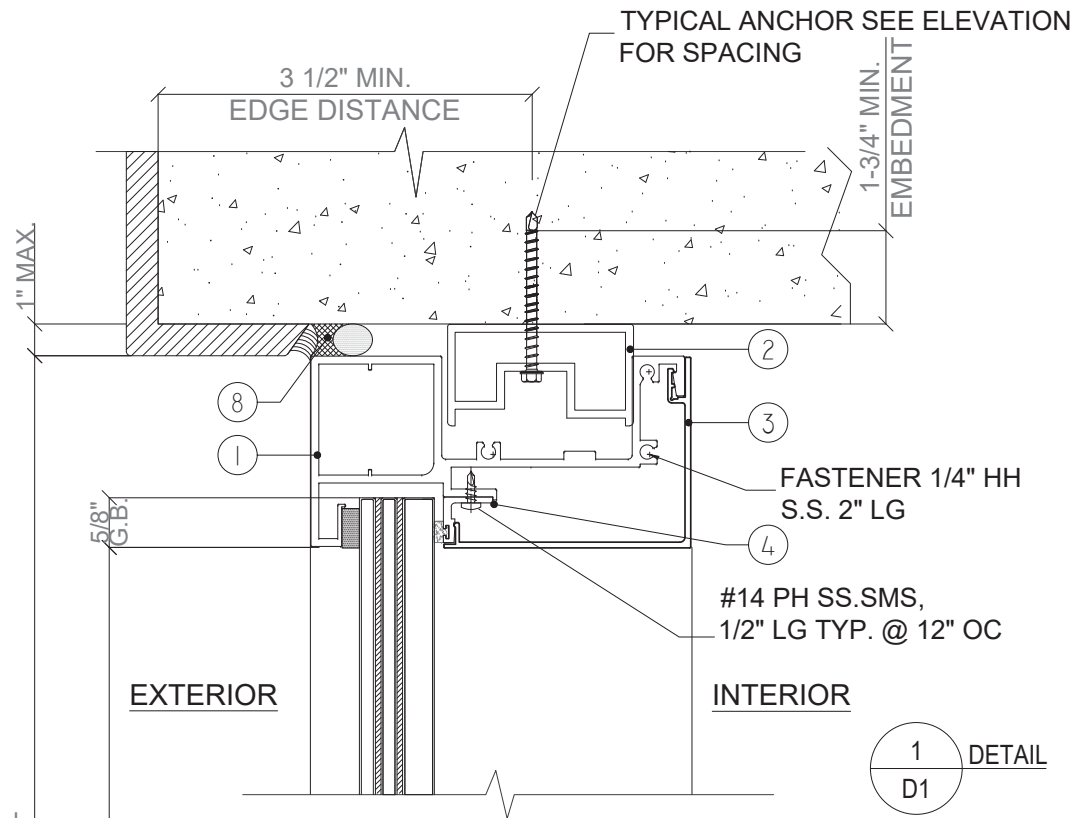
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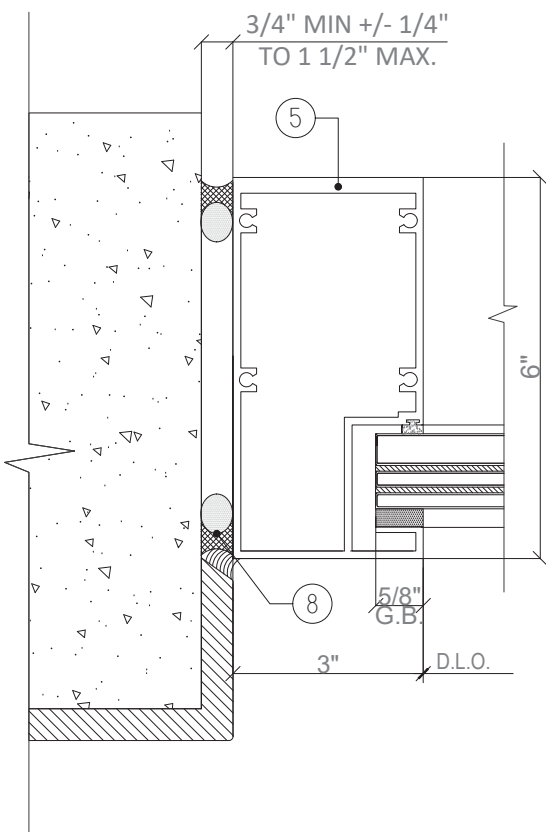
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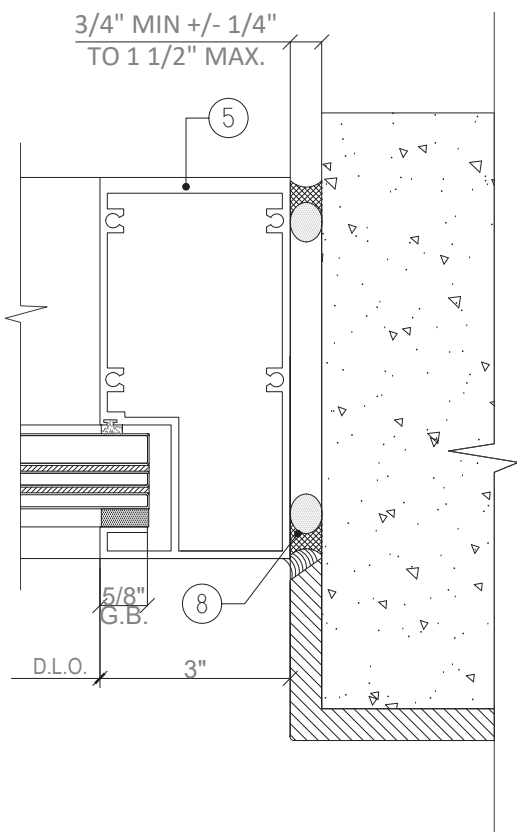
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DRAWING NO. AD21-15
4 OF 8



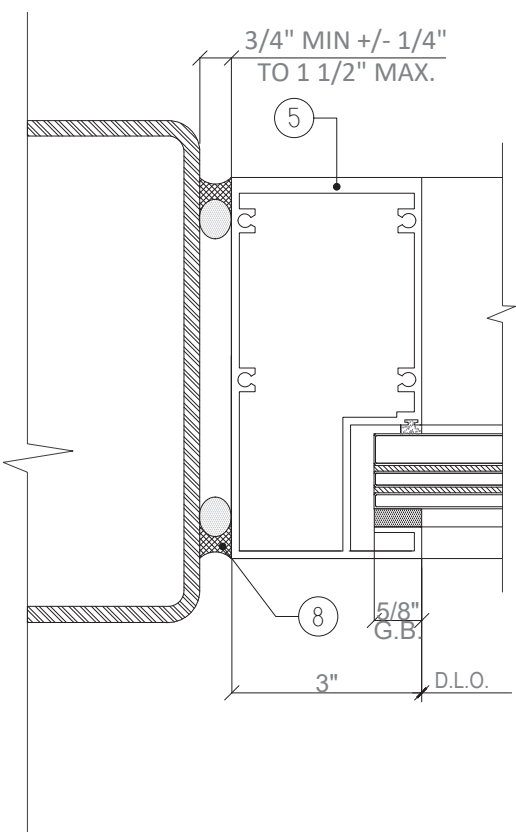
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EXTERIOR

1
D2
DETAIL



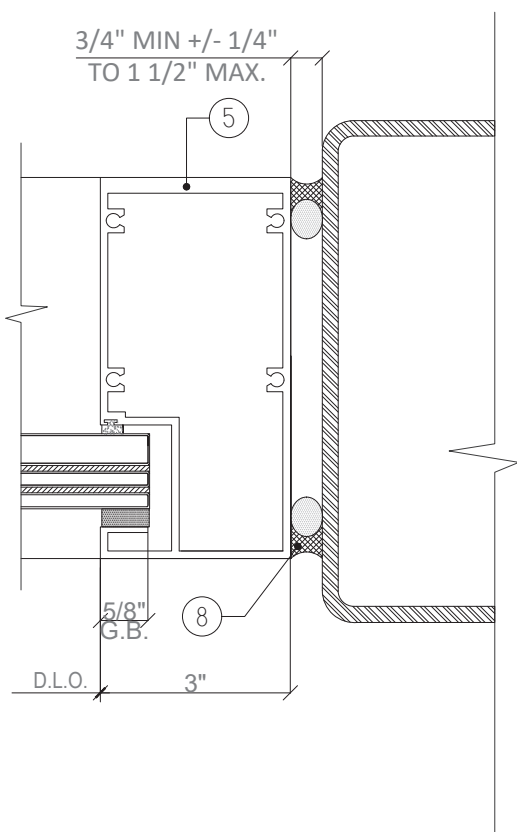
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D2
DETAIL



INTERIOR

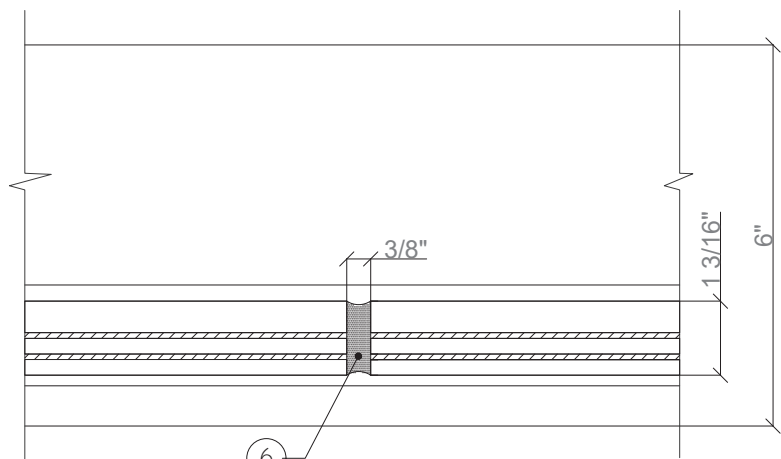
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3
D2
DETAIL

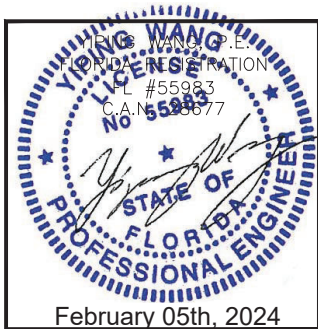


4
D2
DETAIL

NOTES:
1- BACKER ROD DIAMETER
EQUALS SEAL WIDTH x 120%
2- SEALANT DEPTH IS:
1/2" FOR WIDTHS UP TO 1" AND
5/8" FOR WIDTHS OVER 1".



5
D2
DETAIL



NO.	DATE	DESCRIPTION
R2	02.05.2024	FBC 2023

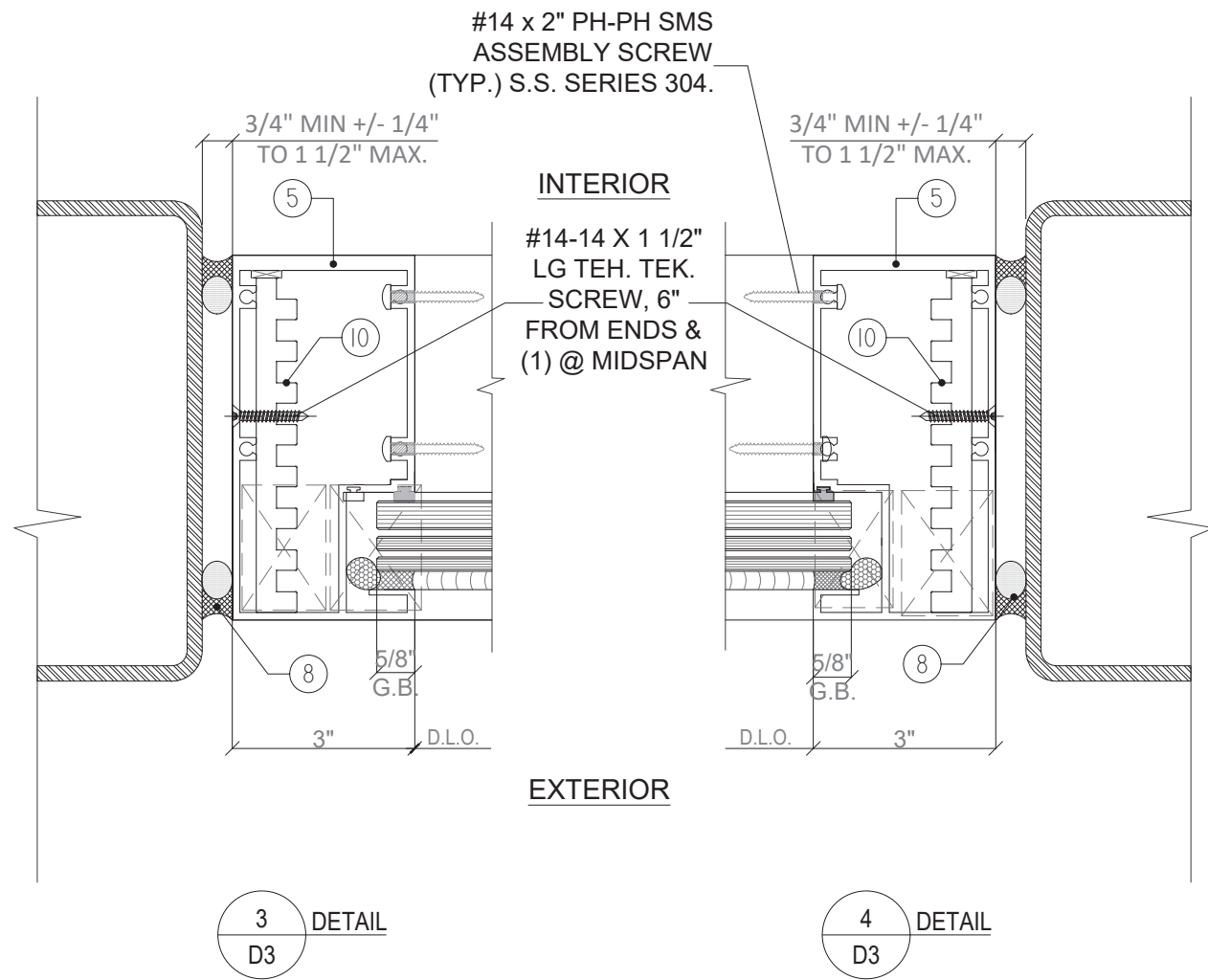
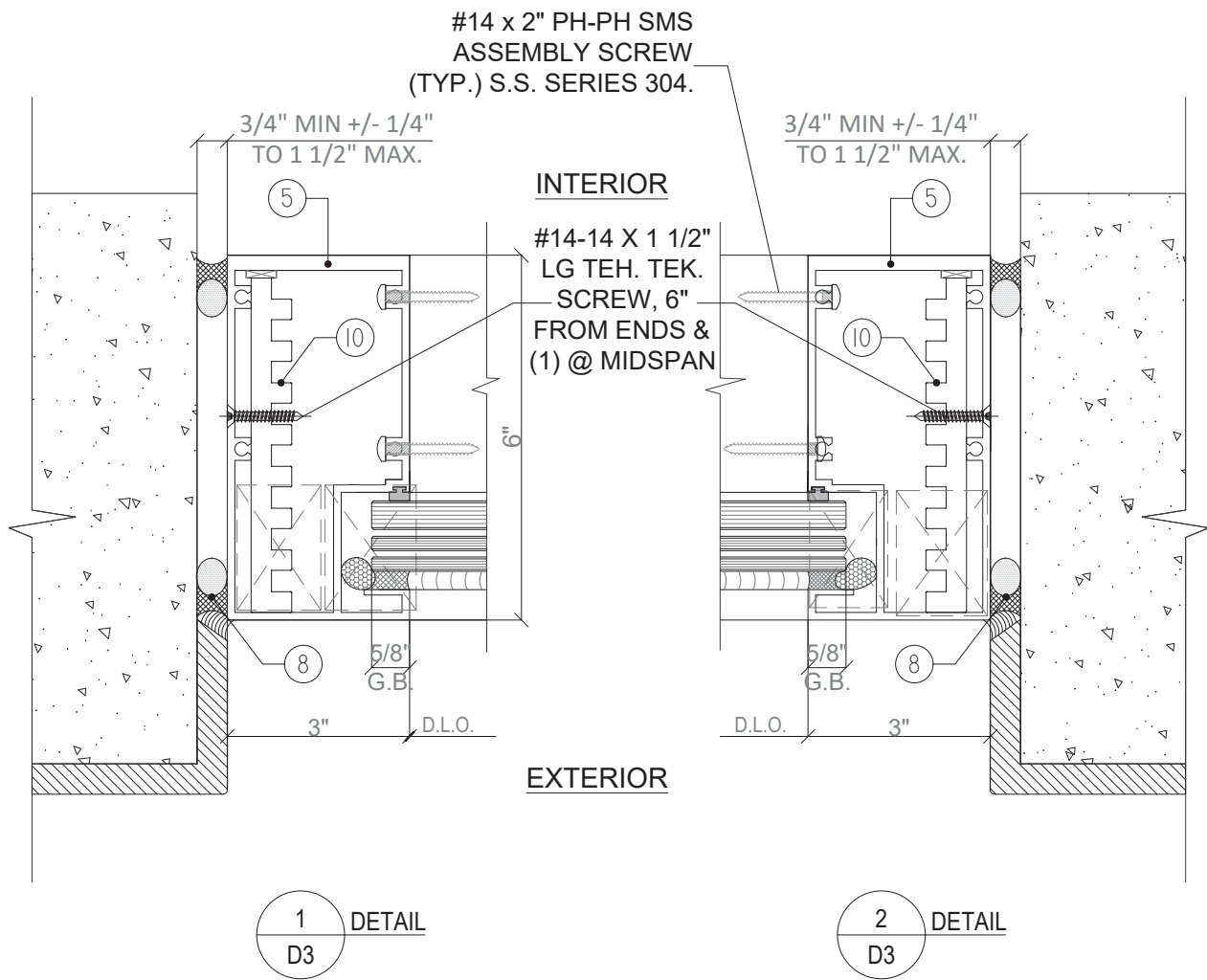
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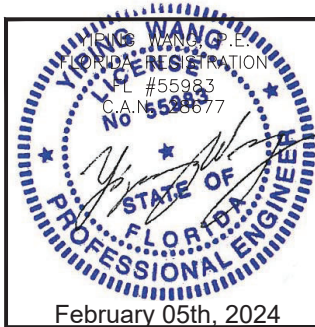
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PROJECT	

D2
DRAWING NO.
AD21-15
5 OF 8



NOTES:
1- BACKER ROD DIAMETER
EQUALS SEAL WIDTH x 120%
2- SEALANT DEPTH IS:
1/2" FOR WIDTHS UP TO 1" AND
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3900 SERIES WINDOW WALL - S.M.I CONTINENTAL GLASS SYSTEMS LLC 325 WEST 74 PLACE HIALEAH, FL33014 TEL.: (305) 231.1101	FL#20111.2 DATE 02.05.2024 SCALE AS NOTED DRAWN James PROJECT D3 DRAWING NO. AD21-15 6 OF 8

THREE (3) NO. 14 X 2"
PH SMS SS

5

3

1

2

4

5

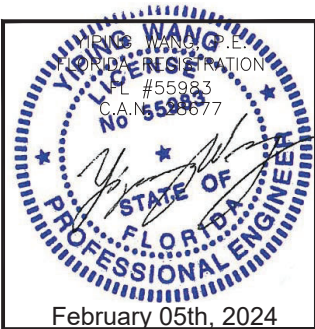
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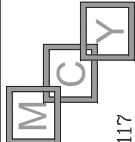
2

1

THREE (3) NO. 14 X 2"
PH SMS SS



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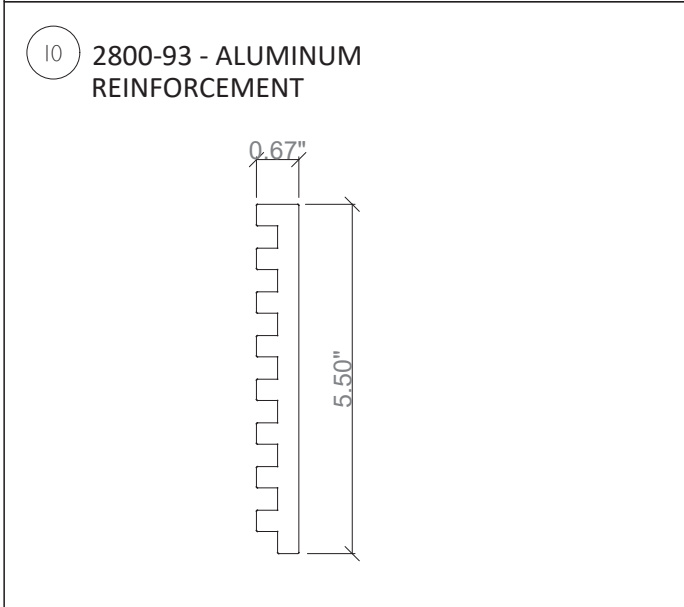
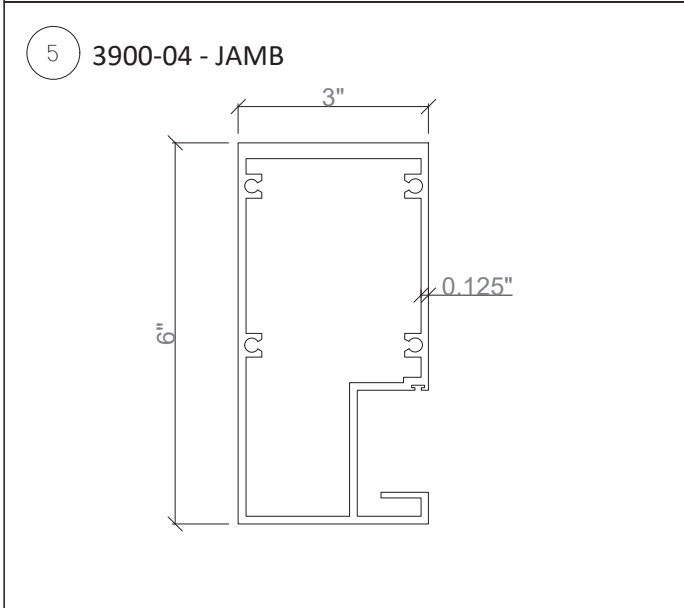
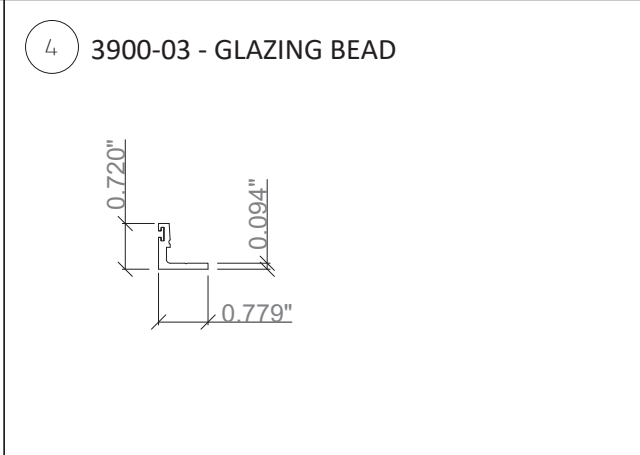
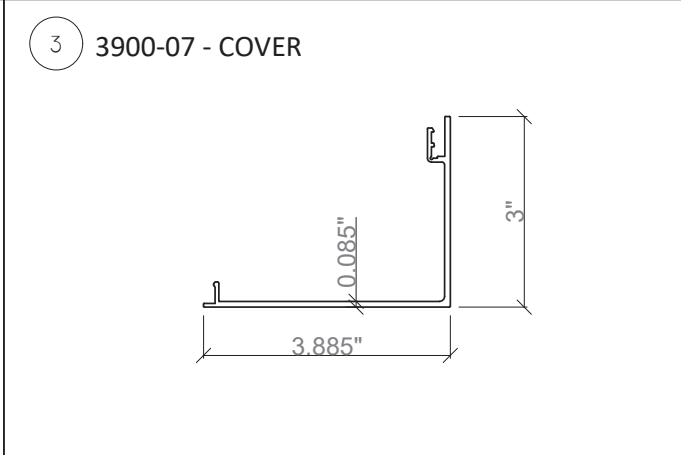
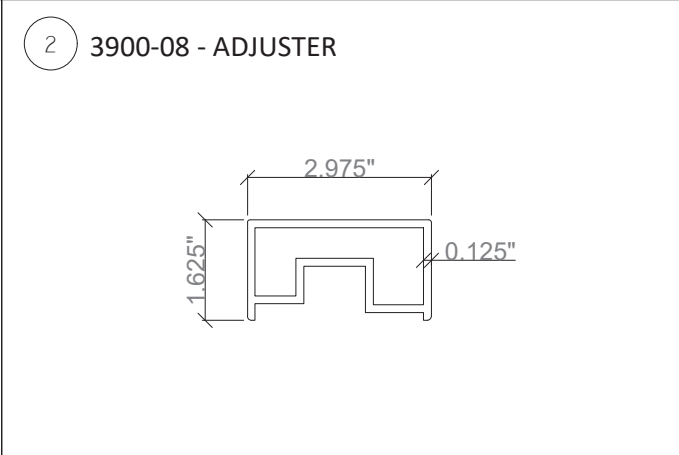
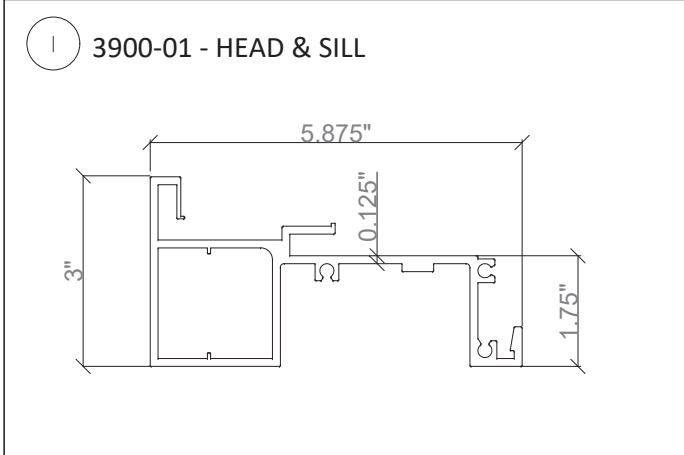
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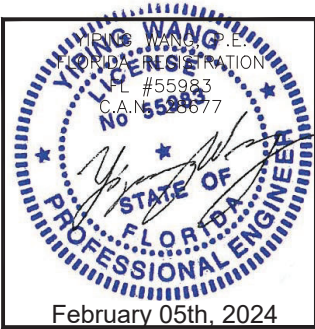
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SCALE	AS NOTED
DRAWN	James
PROJECT	

ASSEMBLY
DRAWING NO. AD21-15
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BILL OF MATERIALS				
ITEM NO.	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER
1	3900-01	HEAD / SILL	ALUM. 6005-T5	-
2	3900-08	ADJUSTER	ALUM. 6005-T5	-
3	3900-07	COVER	ALUM. 6063-T6	-
4	3900-03	GLAZING BEAD	ALUM. 6005-T5	-
5	3900-04	JAMB	ALUM. 6005-T5	-
6	-	STRUCTURAL SEALANT DC795 / DC983 / DOWSIL 121	SILICONE	DOWSIL / DOW CORNING
7	-	1/4" X 3/4" X 4" SETTING BLOCK	SILICONE	-
8	-	DOW CORNING DC790 CONT. PERIMETER SEALANT AND BACKER ROD	SILICONE	DOW CORNING
9	-	GASKET	POLYPROPYLENE/ SANTOPRENE	ULTRA FAB
10	2800-93	ALUMINUM REINFORCEMENT	ALUM. 6005-T5	-



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PARTS

DRAWING NO.
AD21-15

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