

N.R. ARCHITECTURAL PRODUCTS, INC.

CURTAIN WALL SYSTEM RATED FOR LARGE AND SMALL MISSILE IMPACT.

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL

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

LARGE MISSILE IMPACT CURTAIN WALL SYSTEM TO BE USED AT ELEVATIONS UP TO 30'-0" OF GRADE LEVEL. FOR ELEVATIONS 30'-0" ABOVE GRADE LEVEL, SMALL MISSILE IMPACT SYSTEM TO BE USED.

THIS SYSTEM IS APPROVED FOR AIR AND WATER INFILTRATION.

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 THE 7TH EDITION / 8TH EDITION FLORIDA BUILDING CODE (2020 / 2023) SECTION AS APPLICABLE.

METAL STRUCTURES NOT BY N.R. ARCHITECTURAL PRODUCTS, INC. 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 7-16 / 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.

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.

INSTRUCTIONS:

STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-16 / ASCE 7-22 STANDARD.

STEP 2: SEE SHEET E-1 FOR TYPICAL STRAIGHT CURTAIN WALL ELEVATION, ALLOWABLE MULLION CAPACITY SEE SHEET E-1.1. FOR MULLION TYPE WITH OR WITHOUT REINFORCING.
INCLINED JAMB SEE SHEET E-2 FOR MAX. SIZE AND AAPROVED DESIGN LOAD.
SLOPED CURTAIN WALL SEE E-3 FOR MAX. SIZE AND APPROVED DESIGN LOAD.

STEP 3: SEE CHART ON SHEET G1 & G2 FOR GLASS TYPES AND CAPACITY FOR STRAIGHT CURTAIN WALL, SILICONE CAPACITY DUE TO SSG GLASS ON G-3, WHICHEVER IS LOWER GOVERNS THE GLASS CAPACITY.

STEP 4: SEE CHART ON G-3 FOR GLASS TYPES AND SIZES USED FOR SLOPED CURTAIN WALL. THE GLASS CAPACITY TO BE GOVERNED BY GLASS CAPACITY & SILICONE CAPACITY ON G-6. ALSO, PANEL WIDTH CANNOT EXCEED THE SIZE ALLOWED DUE TO DEAD LOAD LIMITATION ON SHEET G-5.

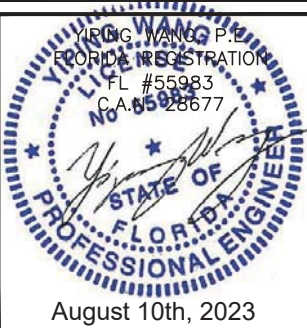
STEP 5: FOR ANCHOR DETAILS, SEE DETAILS FOR ALLOWABLE LOAD LIMITATION.

STEP 6: THE LOWEST VALUE RESULTING FROM STEPS ABOVE SHALL APPL TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

D.L.O. - DAYLITE OPENING	☒ - CENTER LINE
E.J. - EXPANSION JOINT	H.S. - HEAT STRENGTHENED
F.H. - FRAME HEIGHT	SSG - STRUCTURAL SILICONE
F.W. - FRAME WIDTH	GLAZED
LG. - LONG	TEMP. - TEMPERED
STL. - STEEL	O.C. - ON CENTER
ALUM. - ALUMINUM	▶ - DEADLOAD ANCHOR
MULL. - MULLION	I.S. - INSIDE
HORIZ. - HORIZONTAL	WL - WIND LOAD
W/ - WITH	DL - DEAD LOAD
W/O - WITHOUT	SECTION NUMBER
VERT. - VERTICAL	☒ - SHEET NUMBER
O.S. - OUTSIDE	
S.S. - STAINLESS STEEL	

- LIMITATIONS OF USE**
- A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- B- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.
- E- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



FLORIDA APPROVAL:
FL #20149.1

DATE 08.10.2023
SCALE AS NOTED
DRAWN James
PROJECT MCY17-097

DRAWING NO.
AD17-32

COVER

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
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REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

GENERAL NOTES:

CURTAINWALL SYSTEM IS RATED FOR LARGE MISSILE IMPACT AND SMALL MISSILE IMPACT.

MATERIALS:

1. ALUMINUM:

- A. ALL ALUMINUM EXTRUSION SHALL BE 6063-T5, 6063-T6, 6005-T5 AND 6061-T6 (OR EQUIVALENT AS SHOWN IN BILL OF MATERIAL).
- B. ALUMINUM COMPOSITE PANEL 1/4" THICK
- C. SHADOW BOXES TO BE 5052-H32 1/8" ALUMINUM SHEET

2. STEEL

- A. ALL STEEL FOR CURTAIN WALL SHALL BE A36 Fy=36ksi, TUBE STEEL TO BE A500 GRADE B
- B. ALL STEEL REINFORCEMENTS WITHIN MULLIONS, ALL STEEL ANCHORS AND BRACKETS SHALL BE FINISHED WITH RED OXIDE PRIMER.

3. WELDS

- A. E70XX ELECTRODE FOR STEEL.
- B. ER4043 ELECTRODE FOR ALUMINUM.

4. SEALANTS

- A. ALL INTERNAL ASSEMBLY & JOINERY SEALS TO BE DOWSIL 791 SILICONE SEALANT (COLOR T.B.D.).
- B. ALL EXTERIOR PERIMETER SEALANT TO BE DOWSIL 795 SILICONE SEALANT (COLOR T.B.D.).
- C. FOR WINDLOAD PRESSURE EQUAL OR OVER 90psf ALL STRUCTURAL SEALANT TO BE DOWSIL 993 SILICONE SEALANT COLOR BLACK.
- D. FOR LARGE MISSILE IMPACT GLASSES LOCATED BELOW LEVEL 3, ALL STRUCTURAL SEALANT TO BE DOWSIL 993 SILICONE SEALANT COLOR BLACK.

5. FASTENERS

- A. ALL BOLT AND NUTS ATTACHED TO ALUMINUM AND ANCHORED TO STEEL SUPPORTING MEMBER SHALL BE: 300/304 SERIES COLD-ROLLED STAINLESS STEEL
 - A.A. Fy = 65ksi FOR FASTENER DIAMETER UP TO 3/16"
 - A.B. Fy = 45ksi FOR FASTENER DIAMETER EQUAL OR GREATER THAN 3/4"
- B. SCREWS INTO STEEL MEMBER SHALL BE:
 - B.A. 5/8"Ø ELCO TAP FLEX

6. BAFFLES

- A. BAFFLES SHALL BE 20 TO 45 PPI PVC RETICULATED POLYURETHANE COMPRESSED.

7. GASKETS, SETTING BLOCKS, ETC.

- A. ALL GASKETS, SETTING BLOCKS AND EDGE BLOCKS TO BE PER THE MATERIAL SCHEDULE. SETTING BLOCKS AND EDGE BLOCKS TO BE LOCATED PER CALCULATIONS.

8. SHIMS

- A. ALL SHIMS TO BE HIGH IMPACT PVC

LEGENDS AND ABBREVIATIONS:

	GLASS TYPES	ANC	ANCHOR	GB	GLASS BITE	PB	PANEL BITE	SS	STAINLESS STEEL
	SECTION / DETAIL CUT	DL	DEAD LOAD	GYP BD	GYPSUM BOARD	PD	PANEL DIMENSION	TOH	TOP OF HORIZONTAL
	ENLARGED ELEVATIONS & DETAILS	DLO	DAY LIGHT OPENING	HWH	HEX WASHER HEAD	PLD	PLATED	TOS	TOP OF STEEL
	GLASS TYPES	DO	DOOR OPENING	HSS	HOLLOW STEEL SECTION	PH	PAN HEAD	UNO	UNLESS NOTED OTHERWISE
	COLUMN / GRID	EOS	EDGE OF SLAB	LMI	LARGE MISSILE IMPACT	RO	ROUGH OPENING	WL	WIND LOAD
	SPOT DETAIL	FOCW	FACE OF CURTAIN WALL	NFD	NET FRAME DIMENSION	SIM	SIMILAR	WP	WORKING POINT
		FOG	FACE OF GLASS	NTS	NOT TO SCALE	SB	SILICONE BITE		
		FH	FLAT HEAD	OC	ON CENTER	SMI	SMALL MISSILE IMPACT		
		GA	GAUGE	OH	OPPOSITE HAND	SMS	SHEET METAL SCREW		

MATERIAL SCHEDULE:

GASKETS & ACCESSORIES		
A		GASKET (BLACK) (JT-05) SILICONE (IRHD: 60±5)
B		TRIM GASKET (JT-02A) SILICONE (IRHD: 60±5)
C		PVC THERMAL ISOLATOR (DRT-01) PA66 GRF25
D		GASKET (BLACK) (JT-04) EPDM (IRHD: 60±5)
E		GASKET (BLACK) (JT-03) EPDM (IRHD: 60±5)
F		SEALANT - BACKER ROD (PM-01 - Ø3/8"), (PM-02 - Ø1")
G		WEATHER FIN GASKET (JT-07) SILICONE (IRHD: 60±5)
H		HM-03, 3/4" X 3/8" X 12" LG. CLOSED CELL SPONGE BAFFLE @ EA. END OF PART
I		HM-03, 7/8" X 1" X 12" LG. CLOSED CELL SPONGE BAFFLE @ EA. END OF PART
J		HM-03, 1" X 1" X 12" LG. CLOSED CELL SPONGE BAFFLE @ EA. END OF PART
K		PVC THERMAL ISOLATOR X CONT.
L		STACK JOINT GASKET (JT-02) EPDM (IRHD: 60±5)
M		DENSE DOUBLE-SIDED GLAZING TAPE
N		SETTING BLOCK (SILICONE)
O		SINGLE-SIDED 30 DUROMETER SPONGE TAPE
		ALUMINUM SPACER/ SHANGHAI REGAL GLASS MATERIAL CO.,Ltd.

SEALANTS	
1	DOWSIL 993 FOR GLAZING SEALANT
2	DOWSIL 791 FOR FRAME SEALANT
2A	DOWSIL 795 FOR WEATHER SEALANT

SHEET LEGEND:

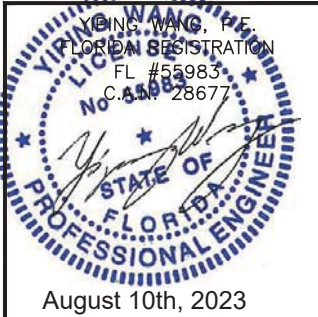
M0.01 SERIES = COVER SHEET, INDEX, GENERAL NOTES, FASTENER SCHEDULE, SHAPE CATALOG
M2.01 SERIES = MOCK-UP PARTIAL ELEVATIONS & PARTIAL PLANS
M4.01 SERIES = VERTICAL DETAILS
M5.01 SERIES = HORIZONTAL DETAILS
M6.01 SERIES = VERTICAL ANCHOR DETAILS
M7.01 SERIES = HORIZONTAL ANCHOR DETAILS
M8.01 SERIES = JOINERY DETAILS

FINISH COLOR SCHEDULE:

- FRAMING MEMBERS
- EXTERIOR: BK20413XL SPACE SILVER DURANAR XL - STRINGS: BK20413XL SPACE SILVER DURANAR XL
- INTERIOR: UC109855 SEA WOLF DURANAR
- METAL PANELS: UC43350 BONE WHITE DURANAR
1. UNEXPOSED ALUMINUM TO WHICH SEALANT WILL BE APPLIED SHALL HAVE ALODINE FINISH.
2. ALL OTHER UNEXPOSED ALUMINUM TO BE MILL FINISH.
3. APPLY ONE COAT OF BITUMINOUS PAINT TO CONCEALED ALUMINUM AND STEEL SURFACES IN CONTACT WITH CEMENTITIOUS OR DISSIMILAR MATERIALS.

GLASS TYPES: (GLAZING MAKEUP LISTED FROM EXTERNAL TO INTERNAL)

LARGE MISSILE VERTICAL GLASS: 1/4" TP PPG AZURIA LOW E COATING #2 1/2" AIR SPACE 1/4" CLEAR HS .090 SGP 1/4" CLEAR HS	LARGE MISSILE SLOPE GLASS WITH LAMINATED OUTBOARD: 1/4" HS PPG AZURIA LOW E COATING #4 .060 PVB 1/4" CLEAR HS 1/2" AIR SPACE 1/4" CLEAR HS .090 SGP 1/4" CLEAR HS
SMALL MISSILE VERTICAL GLASS: 1/4" TP PPG AZURIA LOW E COATING #2 1/2" AIR SPACE 1/4" CLEAR HS .060 PVB 1/4" CLEAR HS	SMALL MISSILE SLOPE GLASS WITH LAMINATED OUTBOARD: 1/4" HS PPG AZURIA LOW E COATING #4 .060 PVB 1/4" CLEAR HS 1/2" AIR SPACE 1/4" CLEAR HS .060 PVB 1/4" CLEAR HS



REVISIONS

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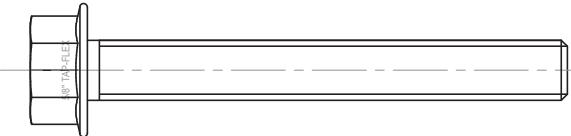
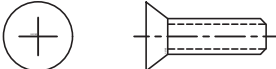
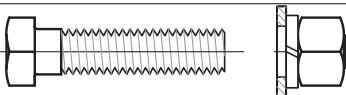
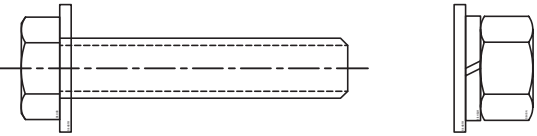
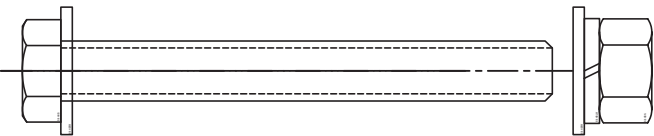
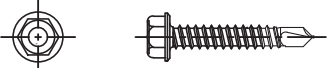
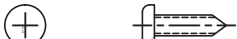
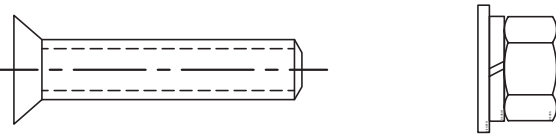
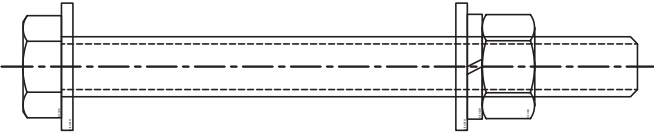
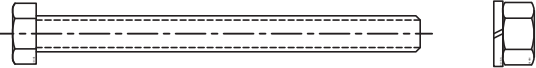
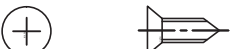
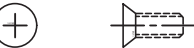
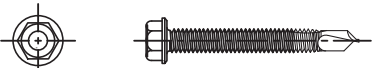
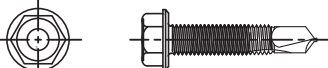
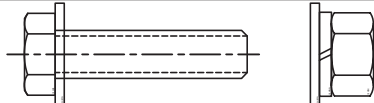
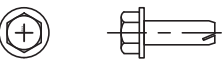
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
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PROJECT	MCY17-097

DRAWING NO.
AD17-32

M0.03

FASTENER SCHEDULE

MARK	FASTENER DIAGRAM	DESCRIPTION	GRADE	MARK	FASTENER DIAGRAM	DESCRIPTION	GRADE
1		GB70-85-M6x1 9/16" (S.S. 304)	300 SERIES CONDITION C.W.	19		Ø 5/8"-11 X 3" TAP FLEX THREAD FORMING STRUCTURAL SCREW, HEX WASHER HEAD TYPE	-
2		#10-24 x 3/4" PPH STAINLESS STEEL	300 SERIES CONDITION C.W.	20		Ø 5/8"-11 X 5" TAP FLEX THREAD FORMING STRUCTURAL SCREW, HEX WASHER HEAD TYPE	-
3		3/8" DIA. x 1 1/4" LG. FLAT HEAD MACHINE BOLT	GRADE 5	21		#12-24 x 5/8" PPH STAINLESS STEEL	300 SERIES CONDITION C.W.
4		LS-03 M16 x 20 ST/STS SETTING BOLT STAINLESS STEEL (304)	300 SERIES CONDITION C.W.	22		#12-24 x 5/8" PFH STAINLESS STEEL	300 SERIES CONDITION C.W.
5		1/2" X 2" BOLT WITH FLAT WASHERS, LOCK WASHER AND NUT	GRADE 5	23		5/8" X 3" BOLT WITH (2) FLAT WASHERS, LOCK WASHER AND NUT	GRADE 5
6		#10-24 x 1/2" PPH STAINLESS STEEL	300 SERIES CONDITION C.W.	24		5/8" X 5" BOLT WITH (2) FLAT WASHERS, LOCK WASHER AND NUT	GRADE 5
7		1/4-14 x 1 1/2" HWH DRIL-FLEX SCREW	-	25		#12-24 x 3/4" PPH STAINLESS STEEL	300 SERIES CONDITION C.W.
7A		1/4-14 x 1" HWH DRIL-FLEX SCREW	-	26		#12-24 x 3/4" PFH STAINLESS STEEL	300 SERIES CONDITION C.W.
8		#10-24 x 3/4" PFH STAINLESS STEEL	300 SERIES CONDITION C.W.	27		5/8" X 3" FLAT HEAD MACHINE BOLT WITH FLAT WASHER, LOCK WASHER & NUT	CWSS
9		1/4" DIA. x 1 1/2" LG. FLAT HEAD MACHINE BOLT	GRADE 5	28		5/8" X 6" BOLT WITH (2) FLAT WASHERS, LOCK WASHER AND NUT	GRADE 5
10		1/4" DIA. x 1 1/4" LG. FLAT HEAD MACHINE BOLT	GRADE 5	29		3/8" X 4" FLAT HEAD BOLT WITH LOCK WASHER & NUT	GRADE 5
11		1/4" DIA. x 1" LG. FLAT HEAD MACHINE BOLT	GRADE 5	30		1/4-20 x 3/4" PFH STAINLESS STEEL	300 SERIES CONDITION C.W.
12		1/4" DIA. x 3/4" LG. FLAT HEAD MACHINE BOLT	GRADE 5	31		5/16" X 2" BOLT WITH (2) FLAT WASHERS, LOCK WASHER AND NUT	GRADE 5
13		1/4-14 x 2" HWH ELCO DRIL-FLEX SCREW	-	32		M8X25 FH MACHINE SCREW STAINLESS STEEL	300 SERIES CONDITION C.W.
14		5/16-18 x 1 1/2" HWH ELCO DRIL-FLEX SCREW	-	33		#8-32 x 1/2" PFH STAINLESS STEEL	300 SERIES CONDITION C.W.
15		1/2" X 2" BOLT WITH (2) FLAT WASHERS, LOCK WASHER AND NUT	GRADE 5				
16		1/4" X 3/4" ALUM. STUD BOLT WITH ALUM. NUT	49 KSI WELDABLE ROD				
17		1/4-20 x 3/4" HWH THREAD CUTTING (TYPE F) SCREW	GRADE 5				
18		3/8-16 GR-5 BOLT W/ (2) WASHERS, L.W. & NUT	GRADE 5				

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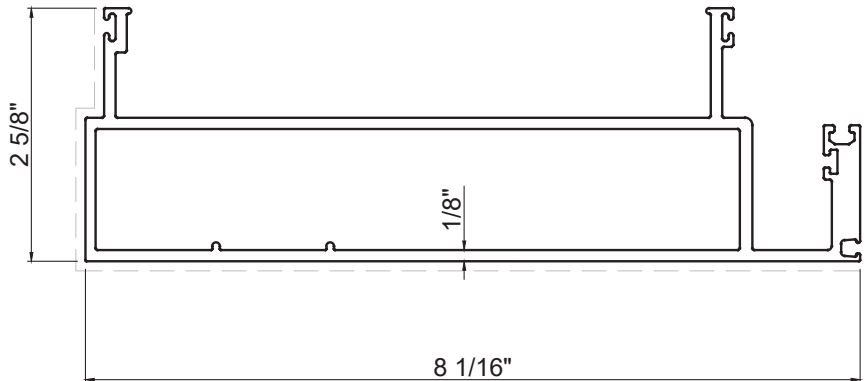
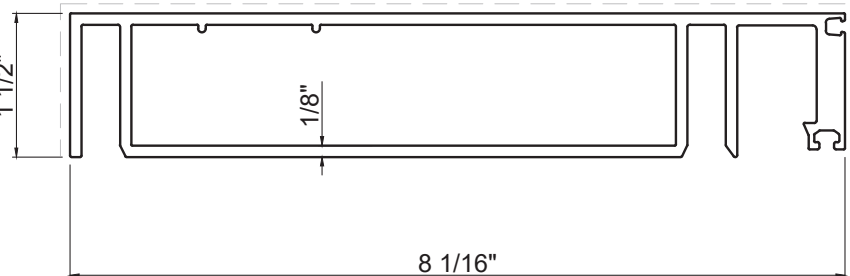
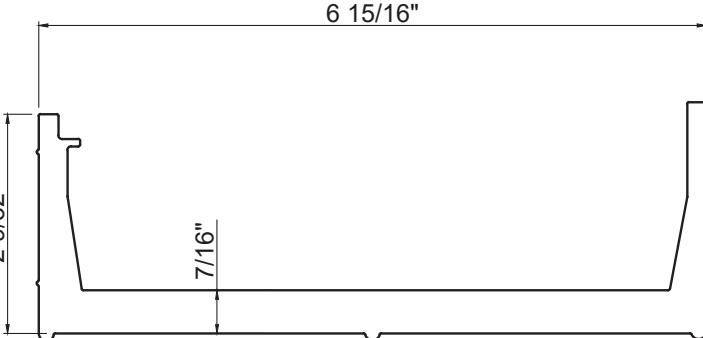
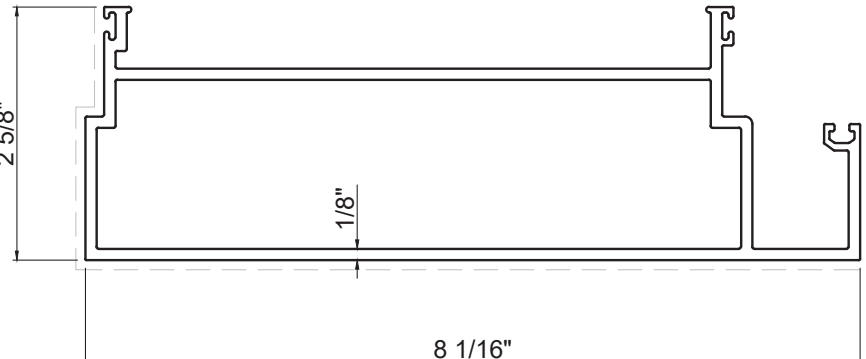
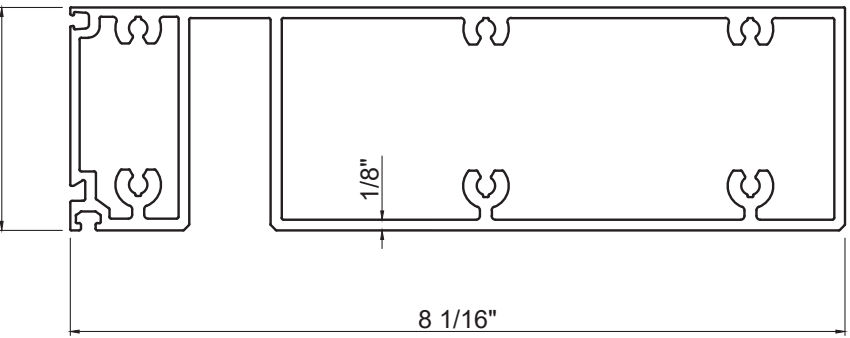
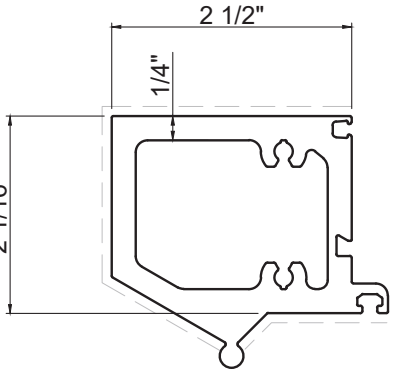
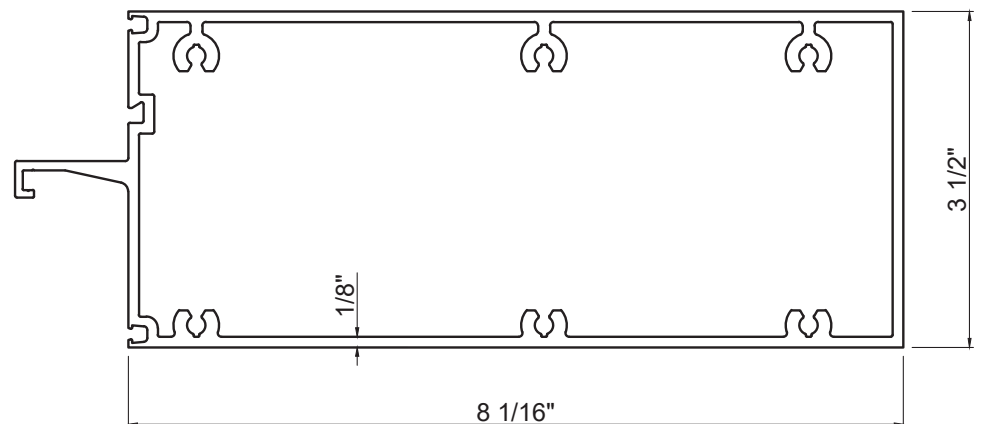
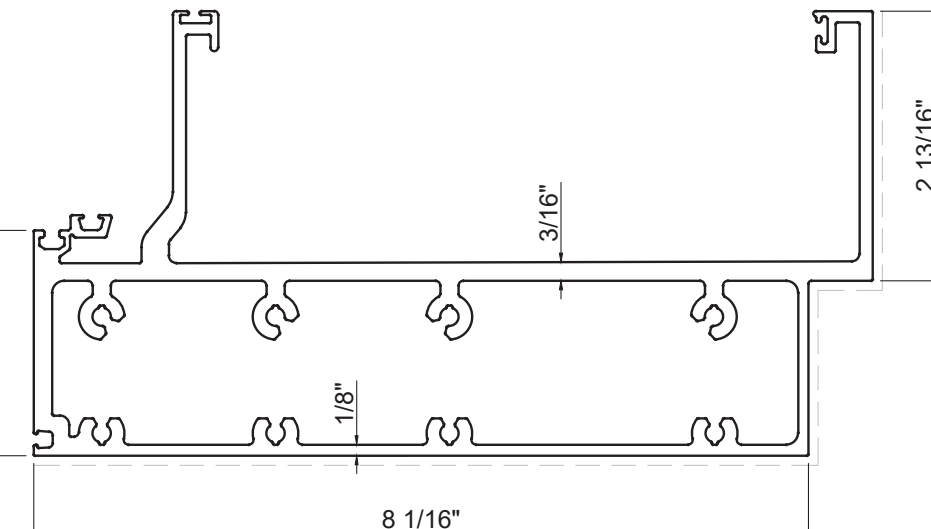
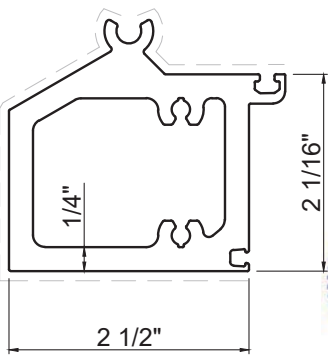
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M0.04	

YIPING WANG, P.E.
FLORIDA REGISTRATION
FL #55983
C. 05/2017-28677

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

August 10th, 2023

		
NLDM-001 / 6005-T5 VERTICAL MALE MULLION DIE FINISH : SEA WOLF	NLDM-002 / 6005-T5 VERTICAL FEMALE MULLION DIE FINISH : SEA WOLF	NLDM-195 / 6061-T6 HORIZ. SPLICE DIE FINISH : ALODINE
		
NLDM-003 / 6005-T5 VERTICAL MALE JAMB MULLION DIE FINISH : SEA WOLF	NLDM-034 / 6063-T6 HORIZONTAL STACK SILL DIE FINISH : SEA WOLF	NLDM-165 / 6063-T6 HORIZONTAL DIE FINISH : SEA WOLF
		 DIE FINISH : SEA WOLF FLORIDA APPROVAL: FL #20149.1 DATE 08.10.2023 SCALE AS NOTED DRAWN James PROJECT MCY17-097 DRAWING NO. AD17-32 M0.05
NLDM-163 / 6063-T6 HORIZONTAL INTERMEDIATE DIE FINISH : SEA WOLF	NLDM-154 / 6063-T6 HORIZONTAL STACK HEAD DIE FINISH : SEA WOLF	NLDM-164 / 6063-T6 HORIZONTAL August 10th, 2023

REVISIONS

NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO PFC 2023

MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301

MIRAMAR, FL. 33027

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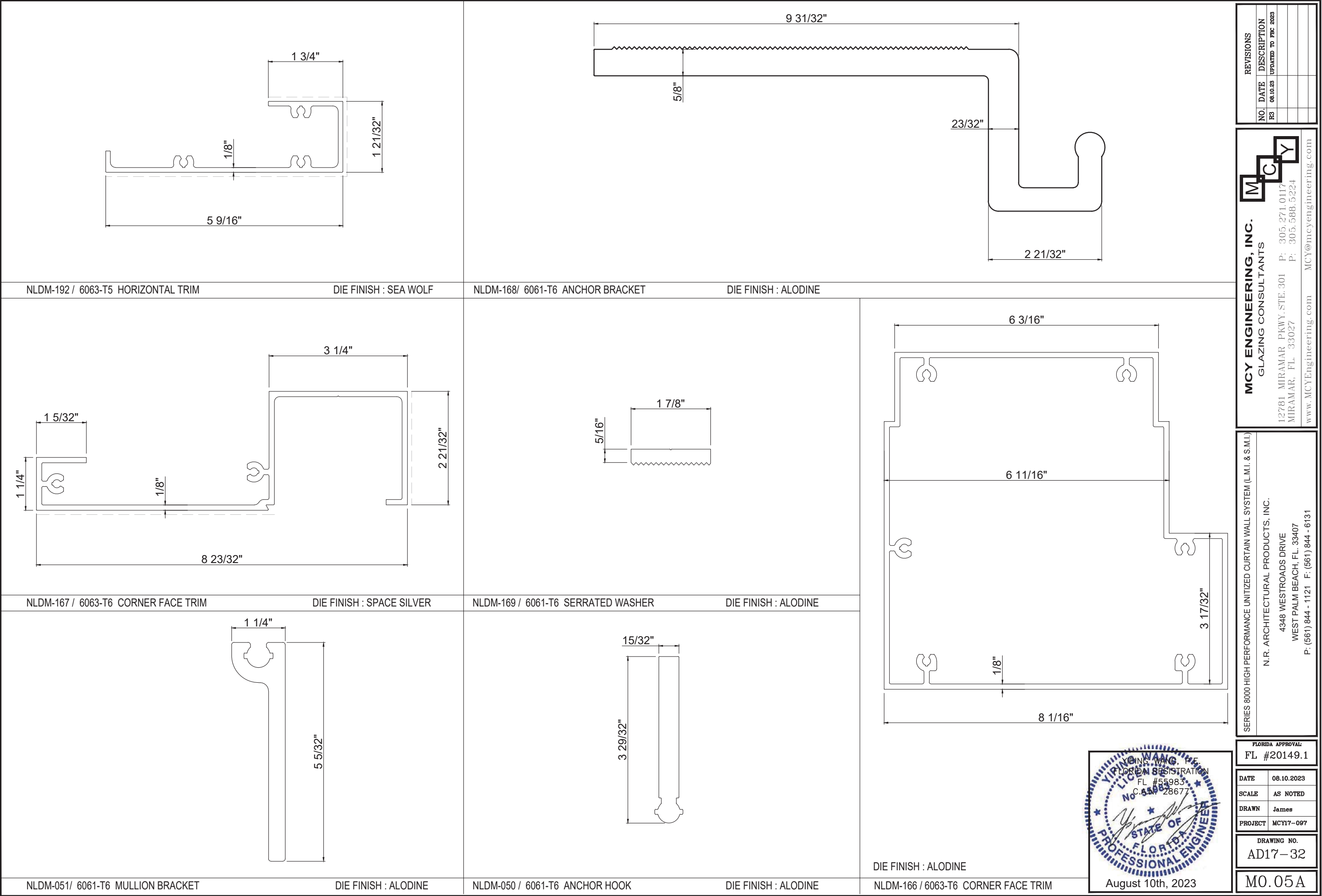
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.

4348 WESTROADS DRIVE

WEST PALM BEACH, FL. 33407

P: (561) 844 - 1121 F: (561) 844 - 6131



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FLORIDA APPROVAL:

FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.

AD17-32

M0.05A

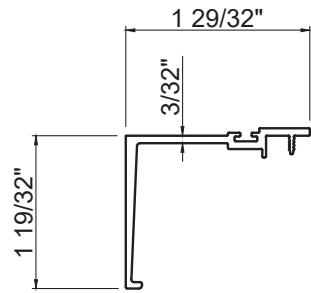
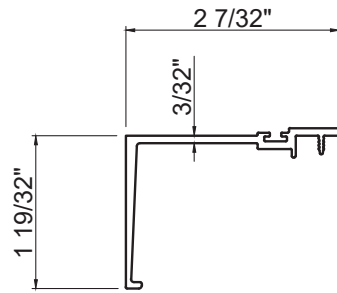
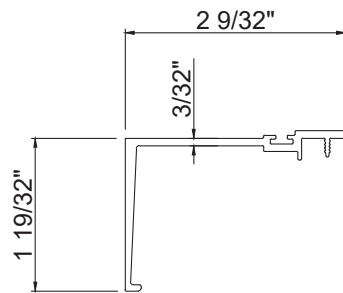
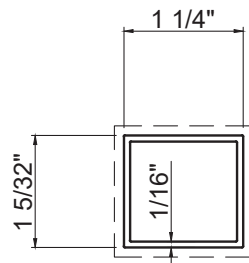
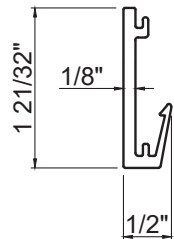
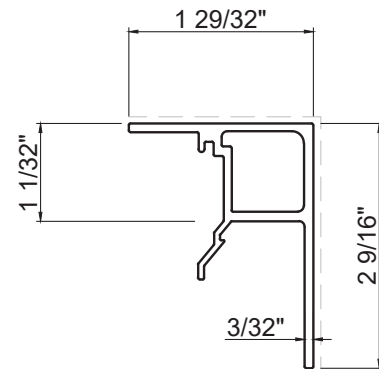
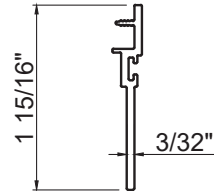
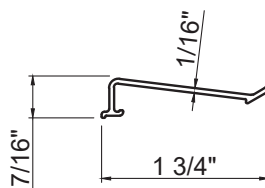
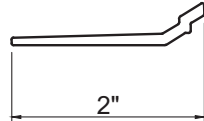
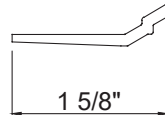
YIPING WANG, P.E.

FLORIDA REGISTRATION
FL #55983
C. 05/28/2017

STATE OF FLORIDA

PROFESSIONAL ENGINEER

August 10th, 2023

			
NLDM-178 / 6063-T5 HORIZ. FACE CAP DIE FINISH : SPACE SILVER	NLDM-177 / 6063-T5 HORIZ. FACE CAP DIE FINISH : SPACE SILVER	NLDM-170 / 6063-T5 HORIZ. FACE CAP DIE FINISH : SPACE SILVER	NLDM-069A / 6063-T5 TUBE DIE FINISH : SPACE SILVER
 DIE FINISH : MILL	 DIE FINISH : SEA WOLF	 DIE FINISH : SPACE SILVER	
NLDM-190 / 6063-T5 SILL INTERIOR TRIM ADAPTOR	NLDM-191 / 6063-T5 SILL INTERIOR TRIM	NLDM-060 / 6063-T5 VERTICAL REVEAL	
			
NLDM-020 / 6063-T6 ANTI BUCKLING CLIP DIE FINISH : ALODINE	NLDM-179 6063-T6 SILL GLASS CHAIR DIE FINISH : ALODINE	NLDM-059 / 6063-T6 SILL GLASS CHAIR DIE FINISH : ALODINE	

REVISIONS

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R3	06.10.23	UPDATED TO PFC 2023

MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

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FLORIDA APPROVAL:
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M0.05B

YIPING WANG
P.E.
FLORIDA REGISTRATION
FL #55983
C. 11/28/2017
No. 28677

STATE OF FLORIDA
PROFESSIONAL ENGINEER

August 10th, 2023

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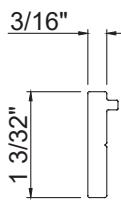
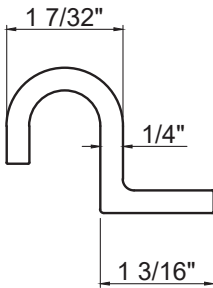
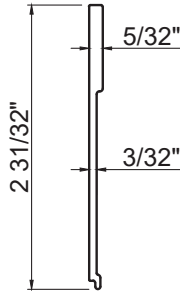
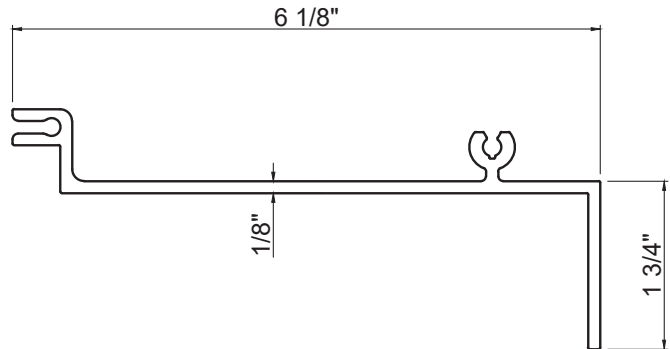
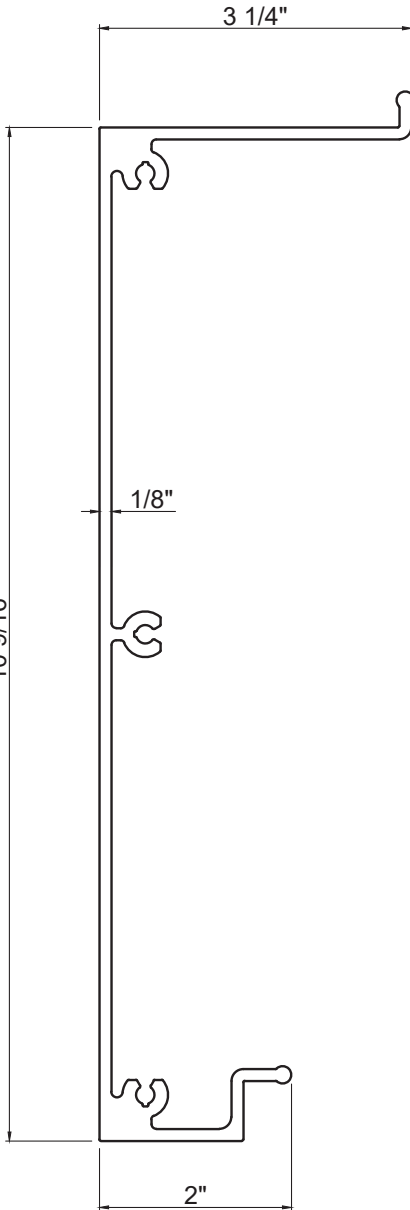
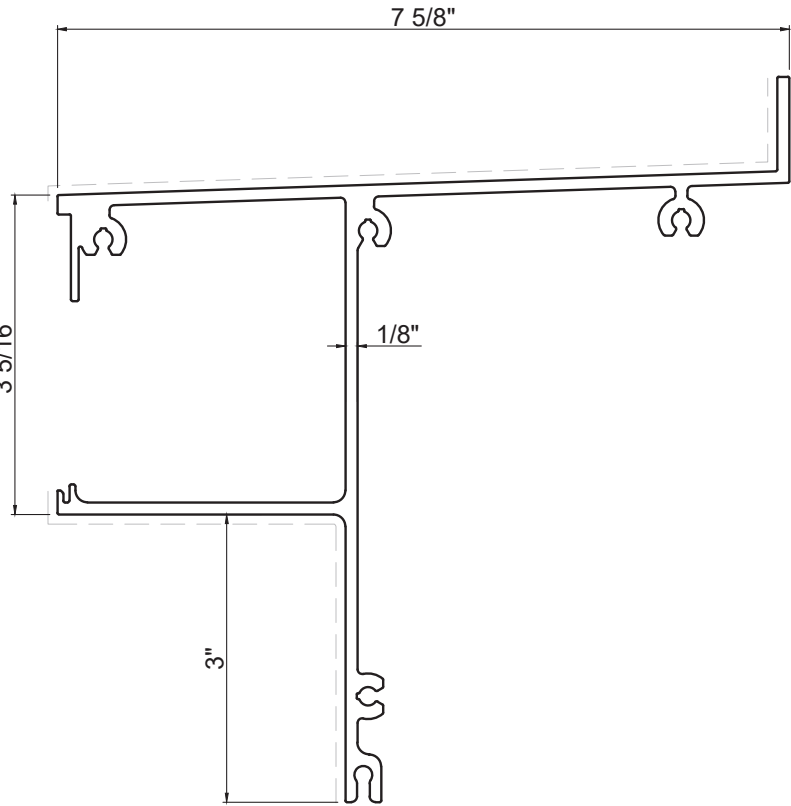
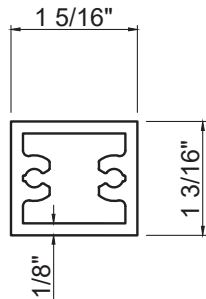
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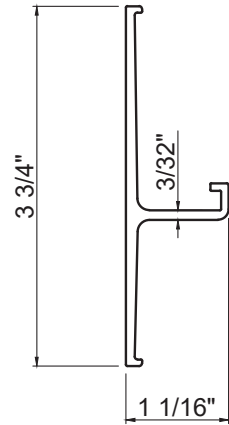


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REVISIONS	
NO.	DATE DESCRIPTION
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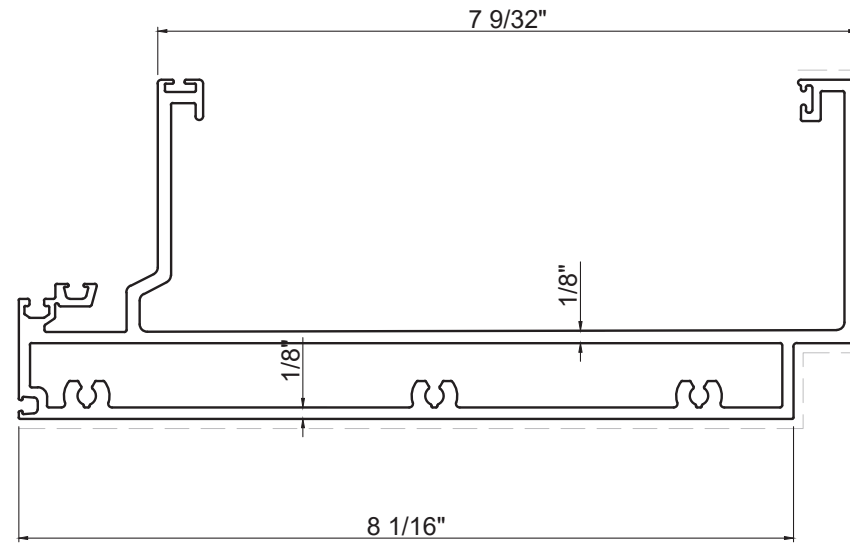
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO PFC 2023

						REVISIONS <table><tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr><tr><td>R3</td><td>08.10.23</td><td>UPDATED TO PFC 2023</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>		NO.	DATE	DESCRIPTION	R3	08.10.23	UPDATED TO PFC 2023												
NO.	DATE	DESCRIPTION																							
R3	08.10.23	UPDATED TO PFC 2023																							
NLDM-028 / 6061-T6 DRYWALL ADAPTOR		NLDM-026 / 6061-T6 ANTI WALKING CLIP		NLDM-186 / 6063-T6 PANEL BAND ADAPTOR		DIE FINISH : SPACE SILVER																			
						FLORIDA APPROVAL: FL #20149.1 <table><tr><td>DATE</td><td>08.10.2023</td></tr><tr><td>SCALE</td><td>AS NOTED</td></tr><tr><td>DRAWN</td><td>James</td></tr><tr><td>PROJECT</td><td>MCY17-097</td></tr></table> DRAWING NO. AD17-32 M0.05C August 10th, 2023		DATE	08.10.2023	SCALE	AS NOTED	DRAWN	James	PROJECT	MCY17-097										
DATE	08.10.2023																								
SCALE	AS NOTED																								
DRAWN	James																								
PROJECT	MCY17-097																								
NLDM-185 / 6063-T6 PANEL BAND ADAPTOR		NLDM-182 / 6063-T6 PANEL BAND ADAPTOR		NLDM-181 / 6063-T6 PANEL BAND ADAPTOR		DIE FINISH : SPACE SILVER																			
		NLDM-182 / 6063-T6 PANEL BAND ADAPTOR		NLDM-181 / 6063-T6 PANEL BAND ADAPTOR		DIE FINISH : ALODINE																			
NLDM-187 / 6063-T6 PANEL BAND ADAPTOR		NLDM-182 / 6063-T6 PANEL BAND ADAPTOR		NLDM-181 / 6063-T6 PANEL BAND ADAPTOR		DIE FINISH : ALODINE																			



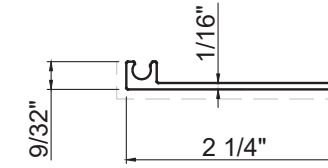
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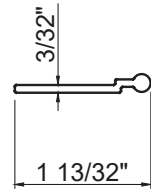
NLDM-004 6063-T6 HORIZ. STACK HEAD

DIE FINISH : SEA WOLF



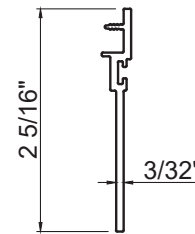
NLDM-184 / 6063-T6 HORIZ. FACE CAP

DIE FINISH : SPACE SILVER



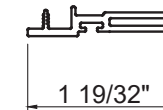
NLDM-183 / 6063-T6 HORIZ. FACE CAP ADAPTOR

DIE FINISH : SPACE SILVER



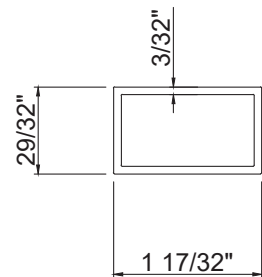
NLDM-173 / 6063-T5 HORIZONTAL REVEAL

DIE FINISH : PAINT



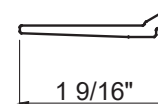
NLDM-180 / 6063-T5 FACE CAP ADAPTOR

DIE FINISH : SPACE SILVER



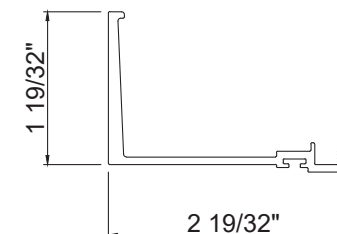
NLDM-193 / 6063-T5 RECTANGULAR TUBE

DIE FINISH : SPACE SILVER



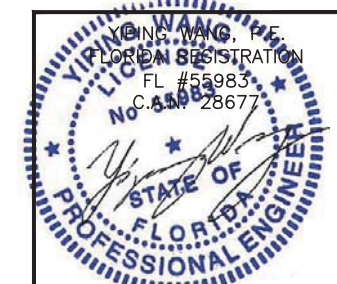
NLDM-037 / 6061-T6 SILL GLASS CHAIR

DIE FINISH : ALODINE



DIE FINISH : SPACE SILVER

NLDM-171 / 6063-T5 HORIZ. FACE CAP



August 10th, 2023

REVISIONS		
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SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

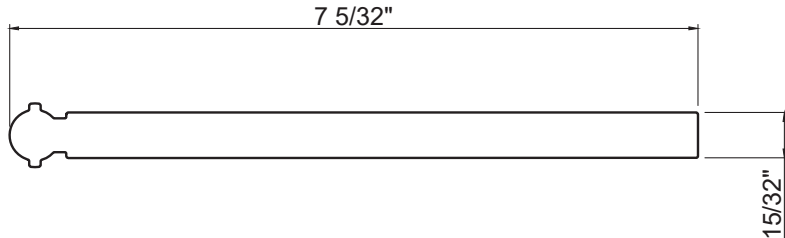
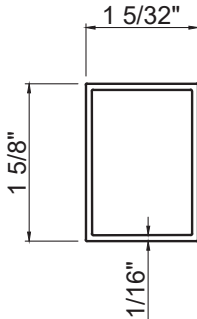
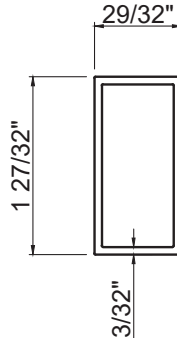
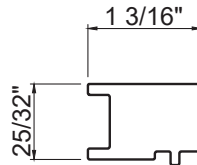
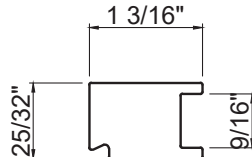
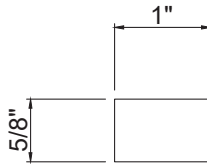
N.R. ARCHITECTURAL PRODUCTS, INC.
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FLORIDA APPROVAL:
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M0.05D

					
NLDM-194 / 6061-T6 ANCHOR HOOK	DIE FINISH : ALODINE	NLDM-175 / 6063-T5 TUBE	DIE FINISH : SPACE SILVER	NLDM-176 / 6063-T5 TUBE	DIE FINISH : SPACE SILVER
					
NLDM-188 / 6061-T6 MULLION ADAPTOR	DIE FINISH : MILL	NLDM-189 / 6061-T6 MULLION ADAPTOR	DIE FINISH : MILL	COMMERCIAL MATERIAL 6061-T6 1" X 5/8" ALUM BAR	DIE FINISH : MILL

YIPING WANG, P.E.

FLORIDA REGISTRATION

FL #55983

C. 08/10/2023

August 10th, 2023

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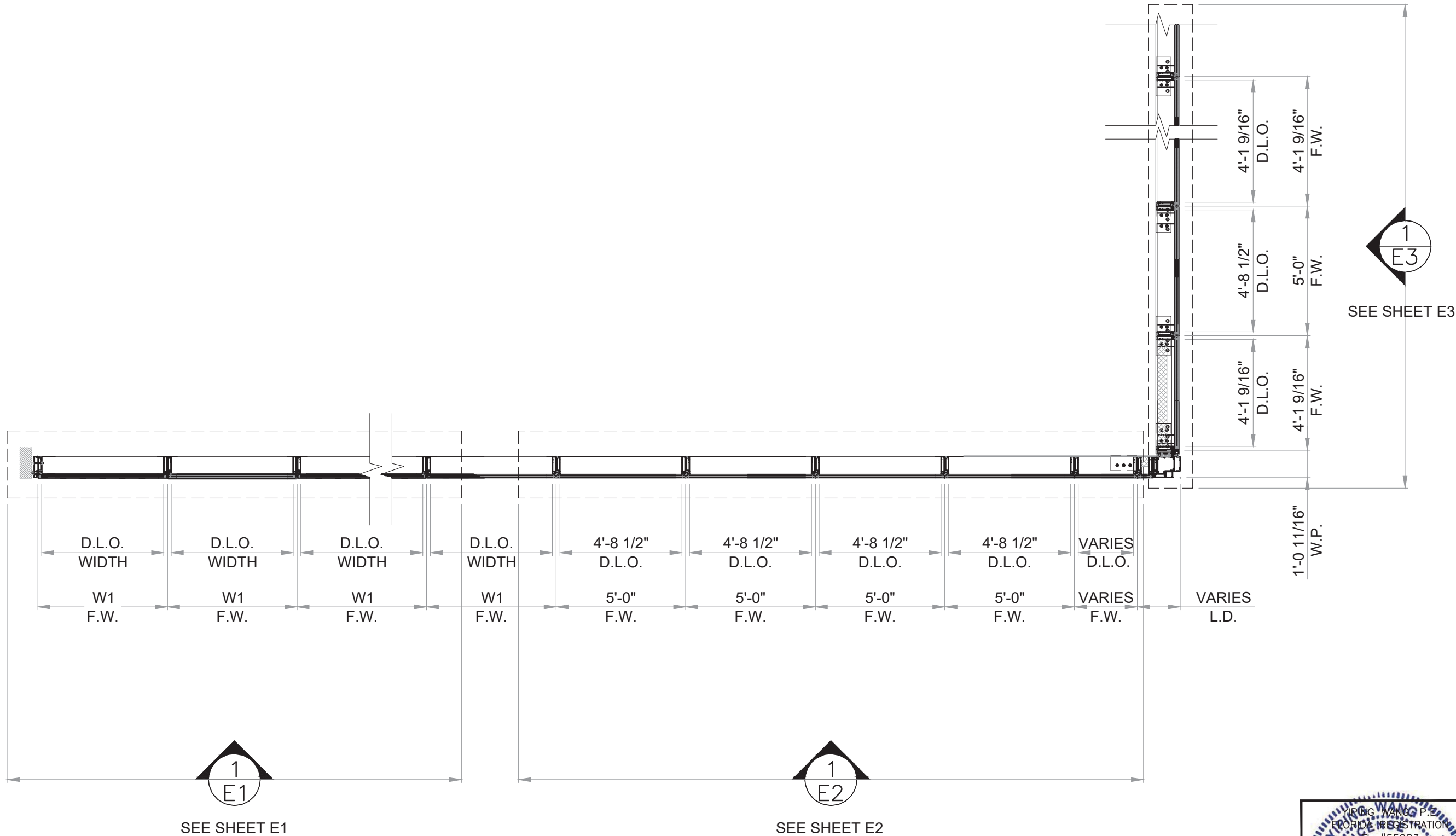
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1 FLOOR PLAN

YUEN WANG P.
FLORIDA REGISTRATION
FL #55983
C.A.#528677

August 10th, 2023

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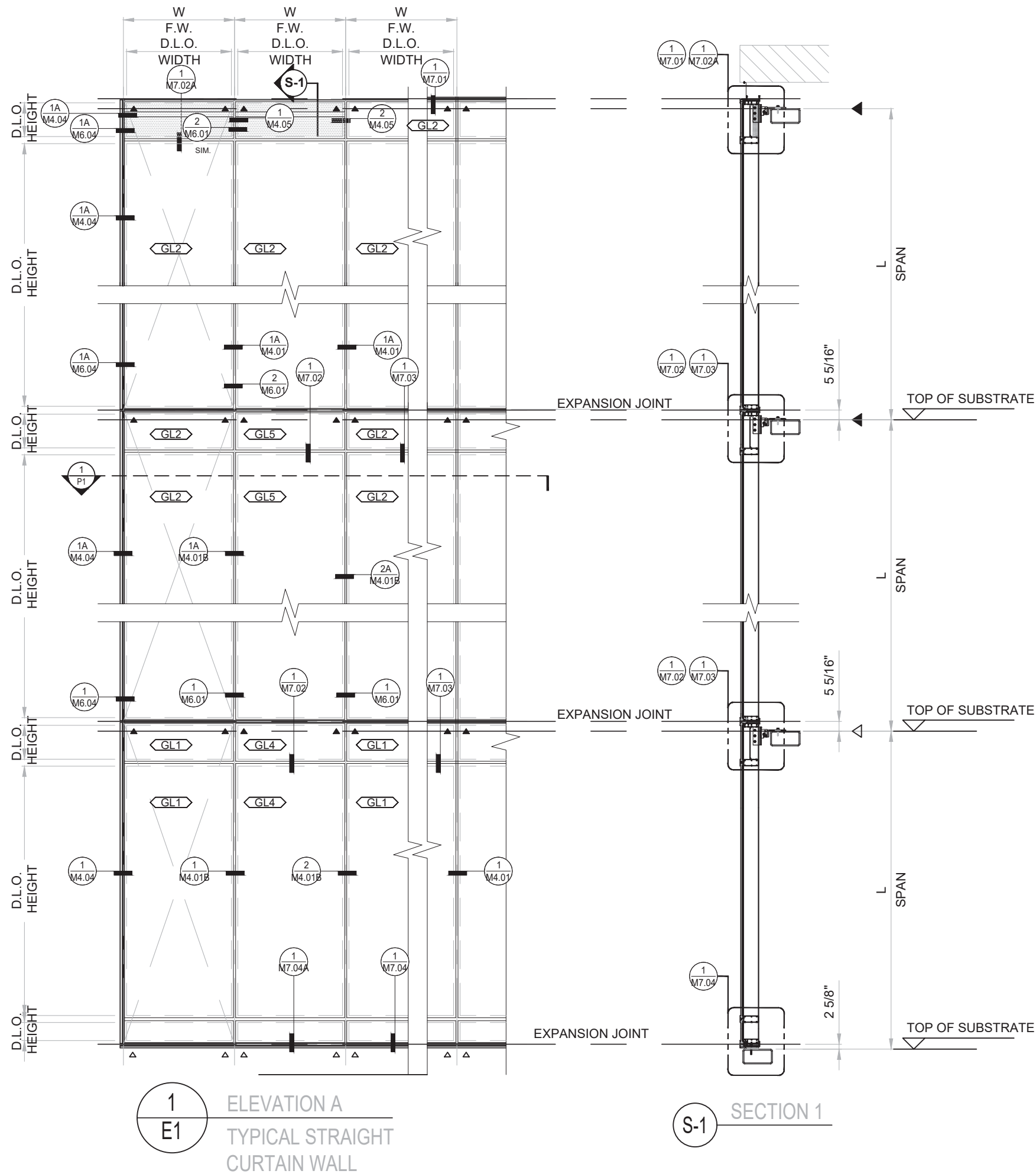
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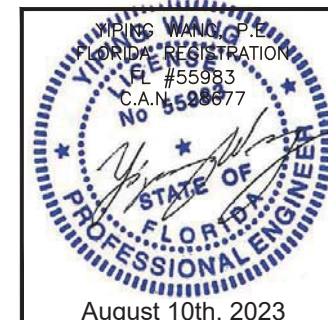
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- ◁ WIND LOAD ANCHOR
◀ DEAD LOAD ANCHOR



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PROJECT	MCY17-097

DRAWING NO. AD17-32
E1

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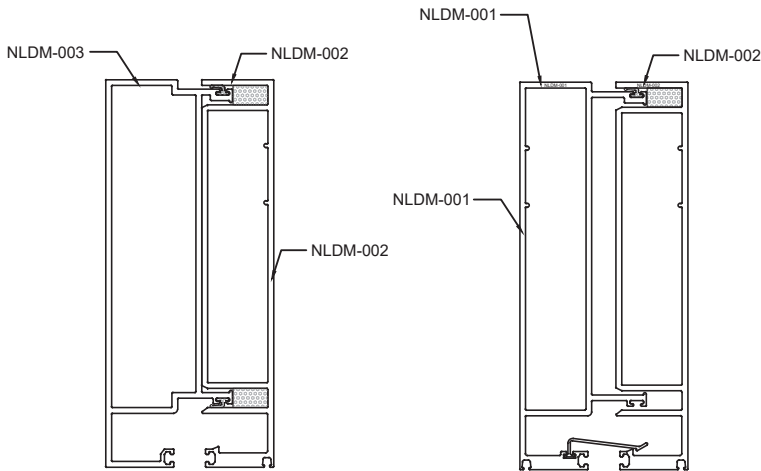
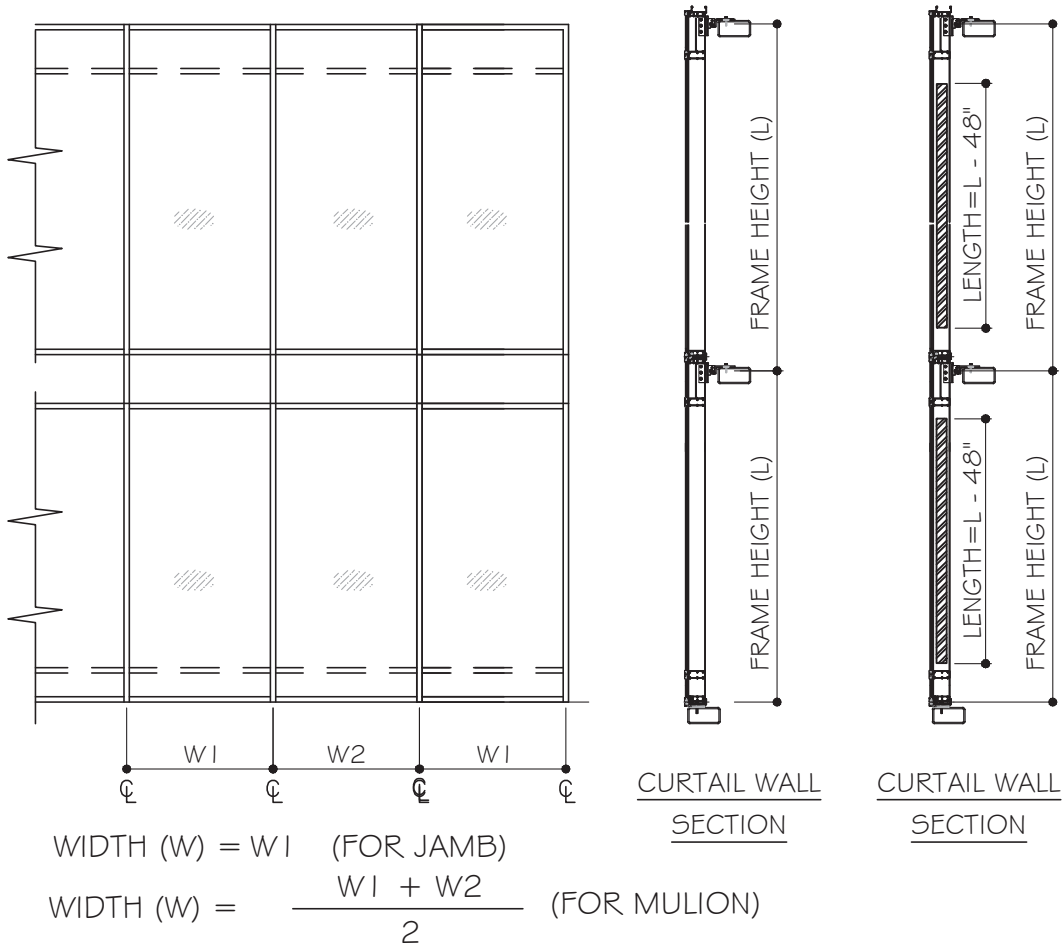
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MULLION CAPACITIES (PSF)			
FRAME SIZE		UN-REINFORCED MULLION	
FRAME WIDTH	FRAME HEIGHT	(M1)	(J1)
W (IN)	L (IN)	(+)PSF	(-)PSF
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60.0		120	140
66.0		120	140
72.0		120	140
54.0	138.0	120	140
60.0		120	140
66.0		120	140
72.0		120	140
48.0	144.0	120	140
54.0		120	140
60.0		120	140
66.0		120	140
48.0	150.0	120	140
54.0		120	140
60.0		120	138
66.0		120	126
48.0	156.0	120	140
54.0		120	136
60.0		120	123
64.0		115	115
42.0	162.0	120	140
48.0		120	135
54.0		120	120
60.0		108	108
42.0	168.0	120	140
48.0		120	125
54.0		111	111
60.0		100	100

MULLION CAPACITIES (PSF)			
FRAME SIZE		REINFORCED MULLION	
FRAME WIDTH	FRAME HEIGHT	(M2)	(J2)
W (IN)	L (IN)	(+)PSF	(-)PSF
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66.0		120	140
54.0	156.0	120	140
60.0		120	140
64.0	162.0	120	140
48.0		120	140
54.0	168.0	120	140
60.0		120	140
42.0	168.0	120	140
48.0		120	140
54.0		120	140
60.0		120	140

TWO SPAN OR MULTIPLE SPAN
CONDITION (STRAIGHT CW)

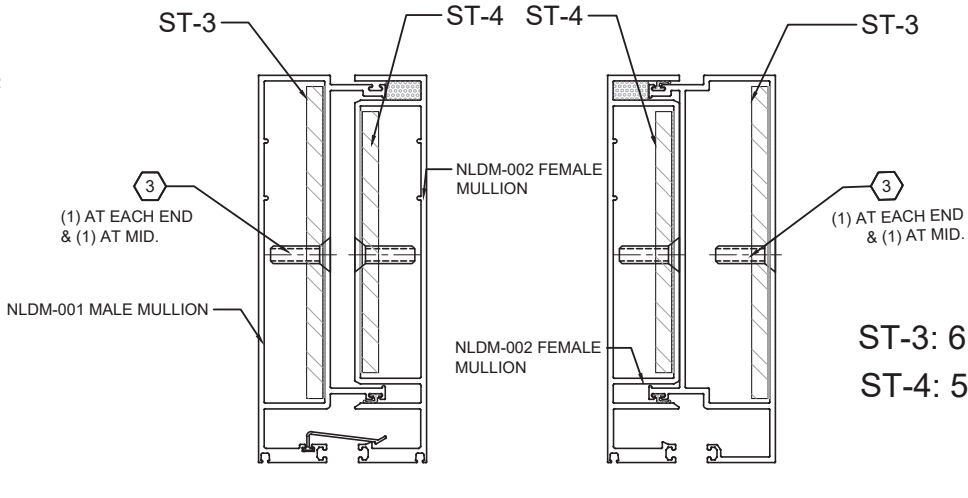


JAMB MULLION (J1)

	Ix IN^4	Sx IN^3
NLDM-003	18.4154	4.5025
NLDM-002	18.8954	4.4481
TOTAL	37.3108	8.7831

MULLION (M1)

	Ix IN^4	Sx IN^3
NLDM-001	20.4559	4.8443
NLDM-002	18.8954	4.4481
TOTAL	39.3513	9.2635



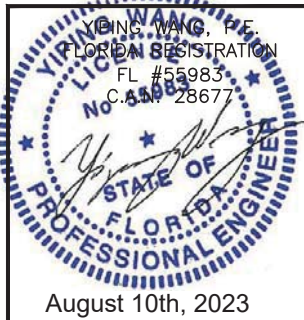
MULLION (M2)
WITH STEEL REINF.

	Ix IN^4	Sx IN^3
NLDM-001	20.4559	4.8443
NLDM-002	18.8954	4.4481
ST-3 (IN STL.)	11.4427	3.5208
ST-4 (IN STL.)	6.6986	2.4639
TOTAL	91.9612	(IN ALUM.)

JAMB MULLION (J2)
WITH STEEL REINF.

	Ix IN^4	Sx IN^3
NLDM-003	18.4154	4.5025
NLDM-002	18.8954	4.4481
ST-3 (IN STL.)	11.4427	3.5208
ST-4 (IN STL.)	6.6986	2.4639
TOTAL	89.9207	(IN ALUM.)

ST-3: 6 1/2" X 1/2" STEEL BAR
ST-4: 5 7/16" X 1/2" STEEL BAR



REVISIONS		DESCRIPTION
NO.	DATE	
13	08.10.23	UPDATED TO PFC 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

MCY

12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
MIRAMAR, FL 33027 P: 305.588.5224

www.MCYEngineering.com MCY@mcyengineering.com

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.L.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

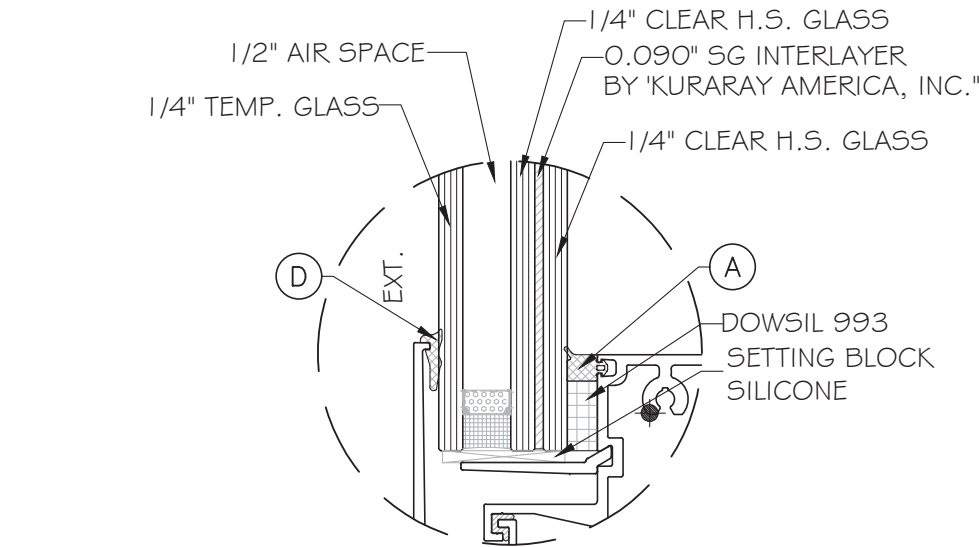
FLORIDA APPROVAL:	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO.	
AD17-32	
E1.1	

GLASS TYPES & CAPACITIES FOR
TYPICAL STRAIGHT CURTAIN WALL

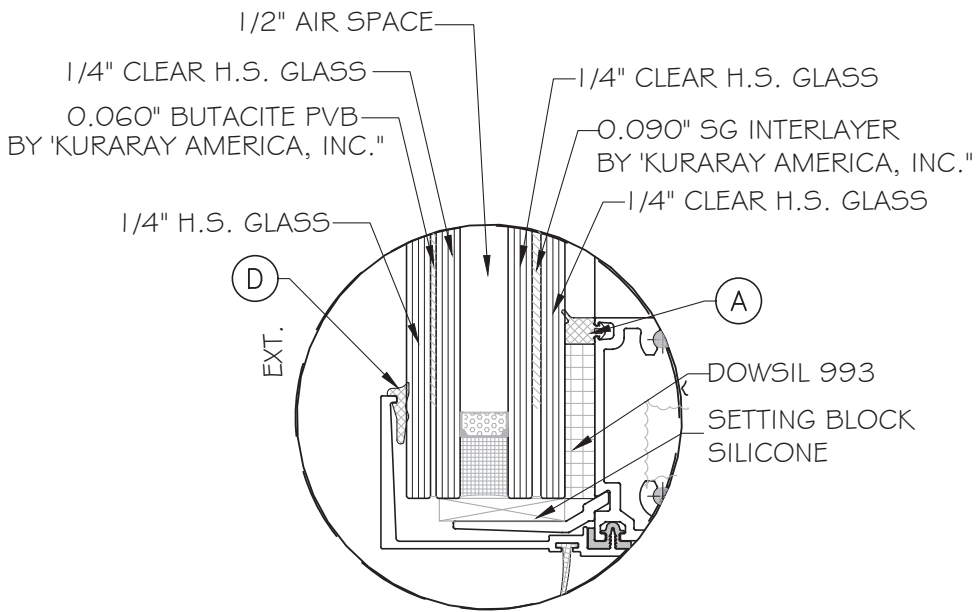
GLASS CAPACITIES					
DAYLIGHT OPENING DIMENSION		ALLOWABLE DESIGN LOAD			
D.L.O.W.	D.L.O.H.	GL-1		GL-4	
(IN)	(IN)	(+)PSF	(-)PSF	(+)PSF	(-)PSF
44.5	105.0	120	140	120	140
	117.0	120	140	120	140
	129.0	120	140	120	140
	141.0	120	140	120	140
	153.0	120	140	120	140
50.5	93.0	120	140	120	140
	105.0	120	140	120	140
	117.0	120	140	120	140
	129.0	120	140	120	140
	141.0	120	140	120	140
56.5	81.0	120	140	120	140
	93.0	120	140	120	140
	105.0	120	140	120	140
	117.0	120	136	120	140
	129.0	120	128	120	140
62.5	81.0	120	140	120	140
	93.0	120	140	120	140
	105.0	120	135	120	140
	117.0	120	123	120	140
68.5	69.0	120	140	120	140
	81.0	120	140	120	140
	93.0	120	140	120	140
	105.0	120	127	120	140

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)

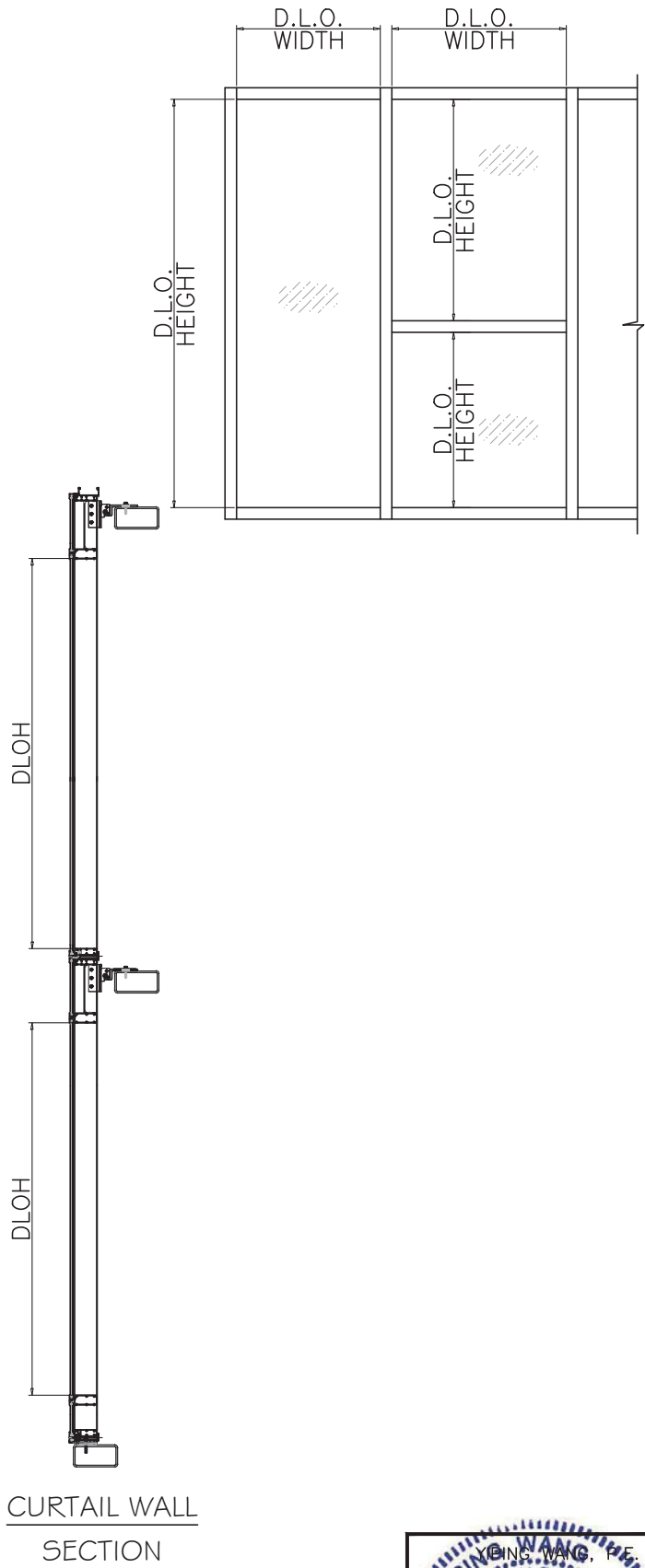
SEE DESIGN LOAD BASED ON SILICONE WIDTH
ON SHEET G3, WHICHEVER IS LOWER GOVERNS
THE GLASS CAPACITY



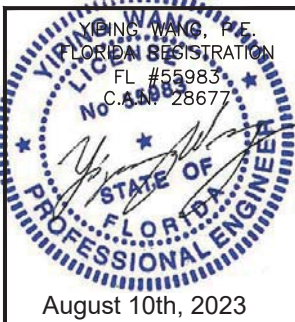
GLASS TYPE 'GL1'
1-5/16" NOMINAL OVERALL
INSULATED - LAMINATED GLASS



GLASS TYPE 'GL4'
1-5/8" NOMINAL OVERALL
INSULATED LAMINATED GLASS WITH LAMINATED OUTBOARD



LARGE MISSILE IMPACT



REVISIONS

NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO PFC 2023

MCY

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GLAZING CONSULTANTS

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4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL:

FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

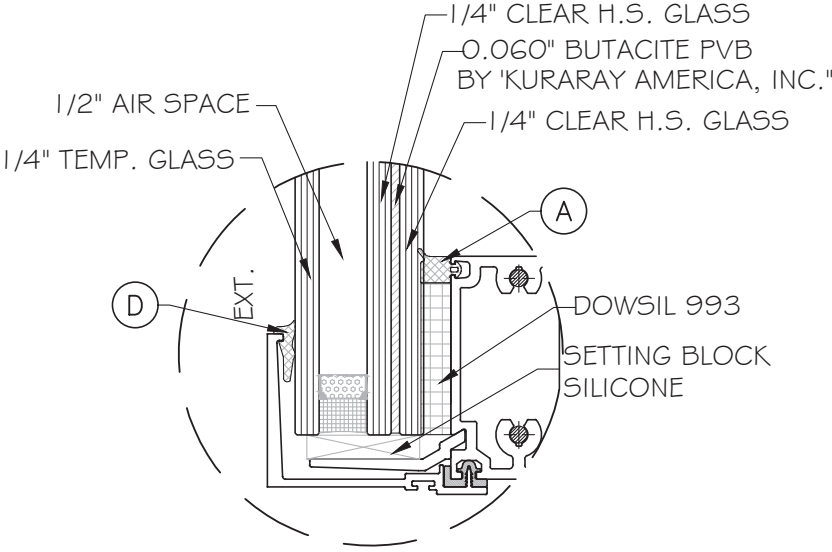
G1

GLASS TYPES & CAPACITIES FOR
TYPICAL STRAIGHT CURTAIN WALL

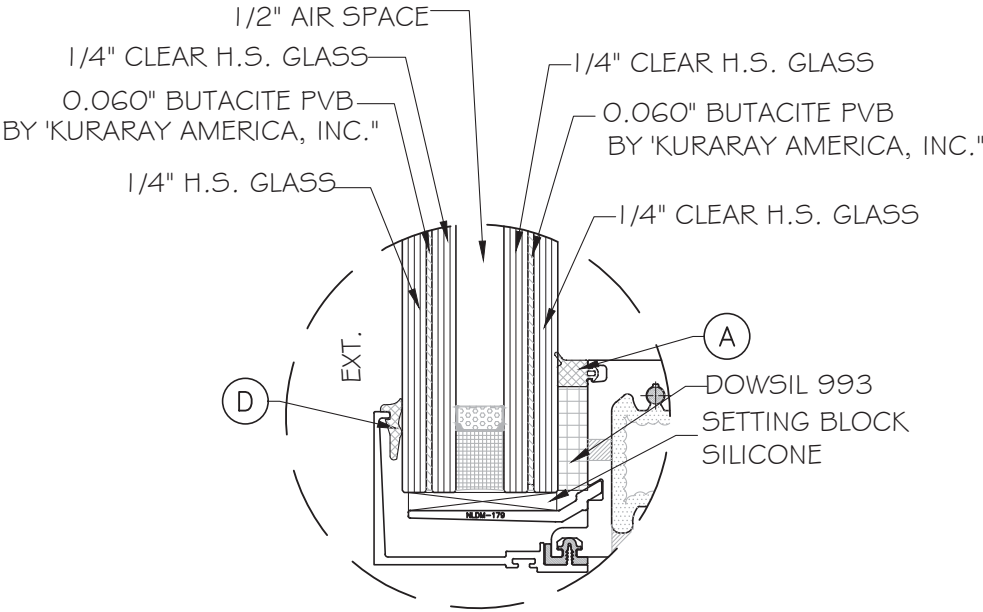
GLASS CAPACITIES					
DAYLIGHT OPENING DIMENSION		ALLOWABLE DESIGN LOAD			
D.L.O.W.	D.L.O.H.	GL-2		GL-5	
(IN)	(IN)	(+)PSF	(-)PSF	(+)PSF	(-)PSF
44.5	69.0	120	140	120	140
	81.0	120	140	120	140
	93.0	120	140	120	140
	105.0	120	140	120	140
	117.0	120	134	120	140
	129.0	120	128	120	140
	141.0	120	123	120	140
	153.0	119	119	120	140
50.5	69.0	120	140	120	140
	81.0	120	140	120	140
	93.0	120	140	120	140
	105.0	120	129	120	140
	117.0	119	119	120	140
	129.0	110	110	120	140
	141.0	104	104	-	-
	153.0	99.2	99.2	-	-
56.5	69.0	120	140	120	140
	81.0	120	140	120	140
	93.0	120	134	120	140
	105.0	118	118	120	140
	117.0	106	106	120	140
	129.0	98.2	98.2	-	-
	141.1	91	91	-	-
62.5	69.0	120	140	120	140
	81.0	120	140	120	140
	93.0	120	125	120	140
	105.0	109	109	120	140
	117.0	98.6	98.6	-	-
	129.0	88.8	88.8	-	-
68.5	69.0	120	140	120	140
	81.0	120	134	120	140
	93.0	120	117	120	140
	105.0	120	104	-	-
	117.0	120	93.7	-	-

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)

SEE DESIGN LOAD BASED ON SILICONE WIDTH
ON SHEET G3, WHICHEVER IS LOWER GOVERNS
THE GLASS CAPACITY



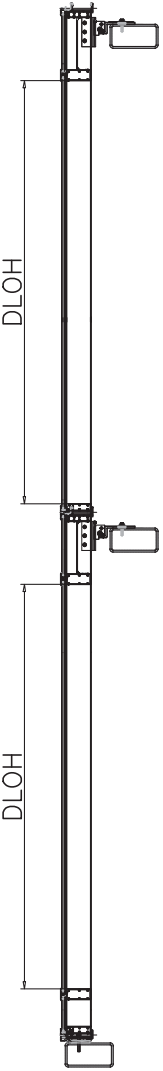
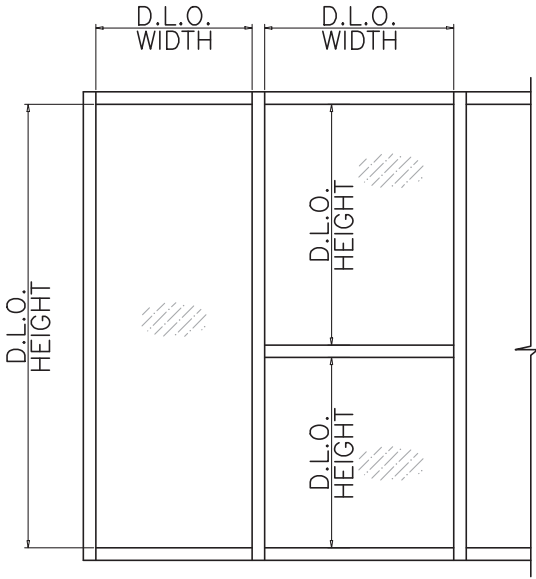
GLASS TYPE 'GL2'
1-5/16" NOMINAL OVERALL
INSULATED LAMINATED GLASS



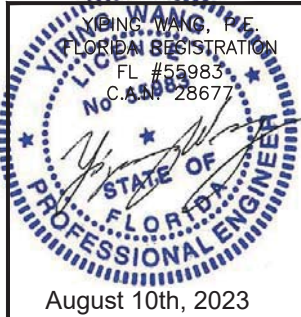
GLASS TYPE 'GL5'
1-5/8" NOMINAL OVERALL
INSULATED LAMINATED GLASS WITH LAMINATED OUTBOARD

SMALL MISSILE IMPACT

NOTE: SMALL MISSILE IMPACT GLASS TYPES TO BE USED ABOVE 30'-0" FROM GRADE.



CURTAIN WALL
SECTION



REVISIONS	
NO.	DESCRIPTION
1	08.10.23
2	08.10.23
3	08.10.23
4	08.10.23
5	08.10.23

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

MCY

12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
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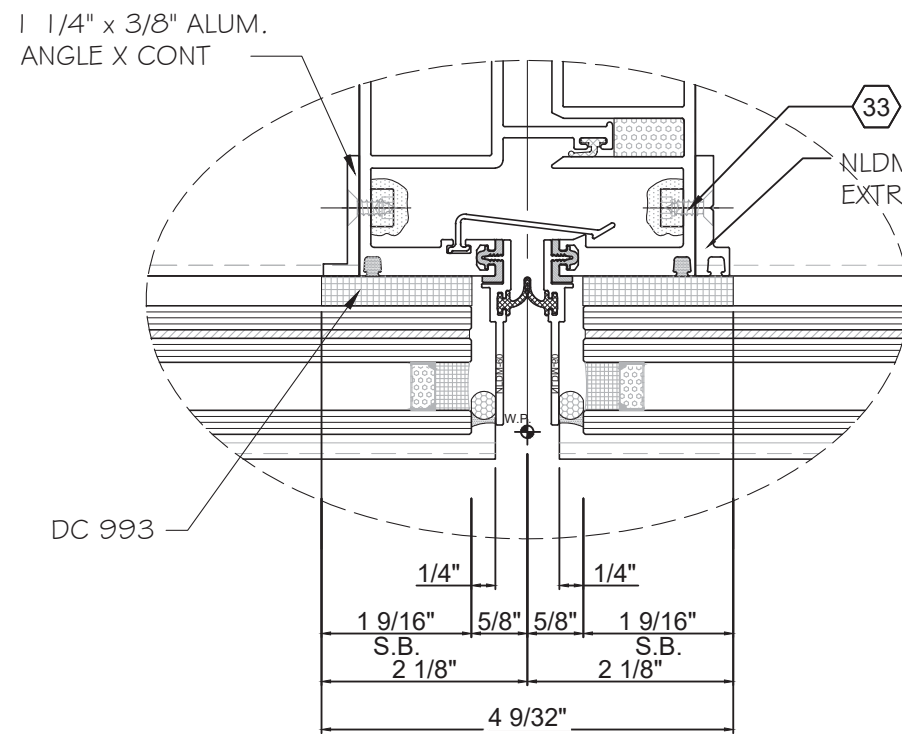
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

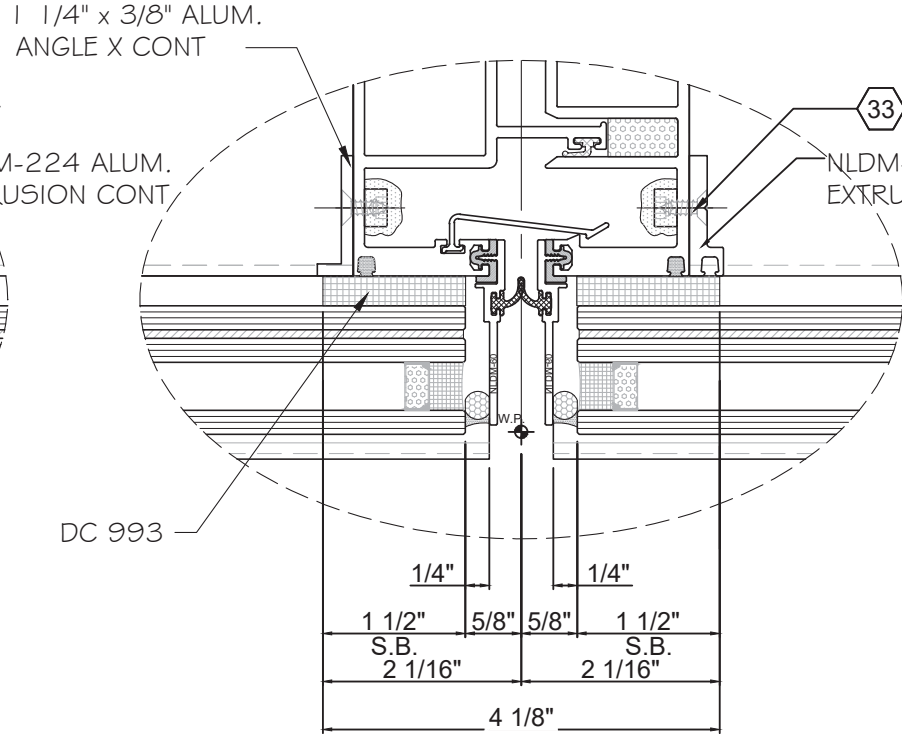
FLORIDA APPROVAL:	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

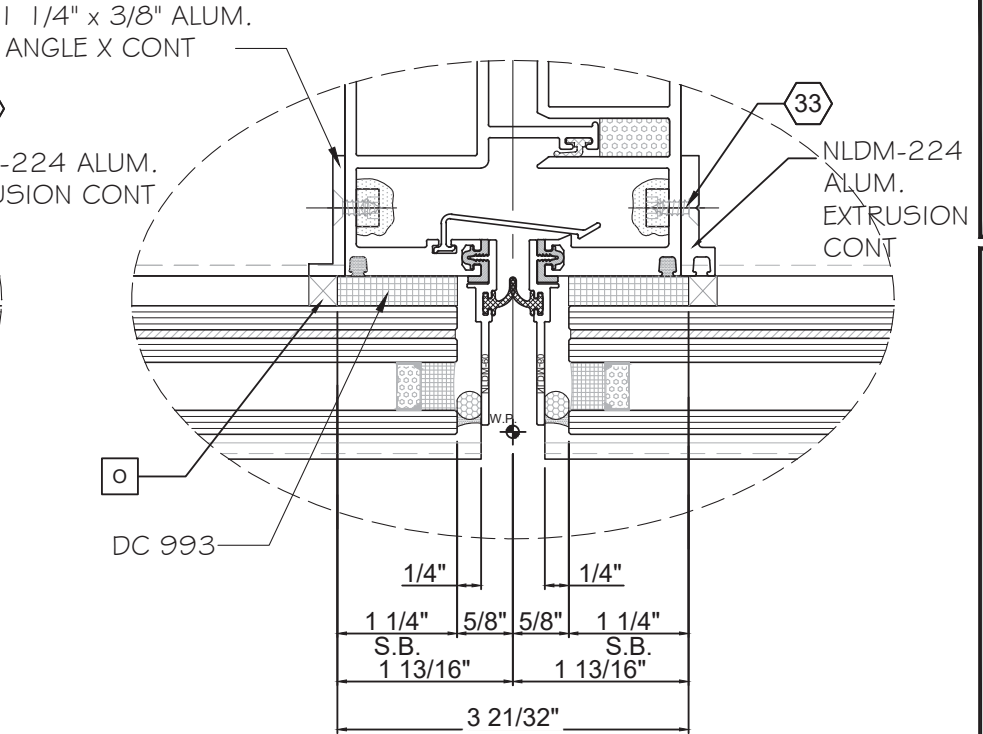
G2



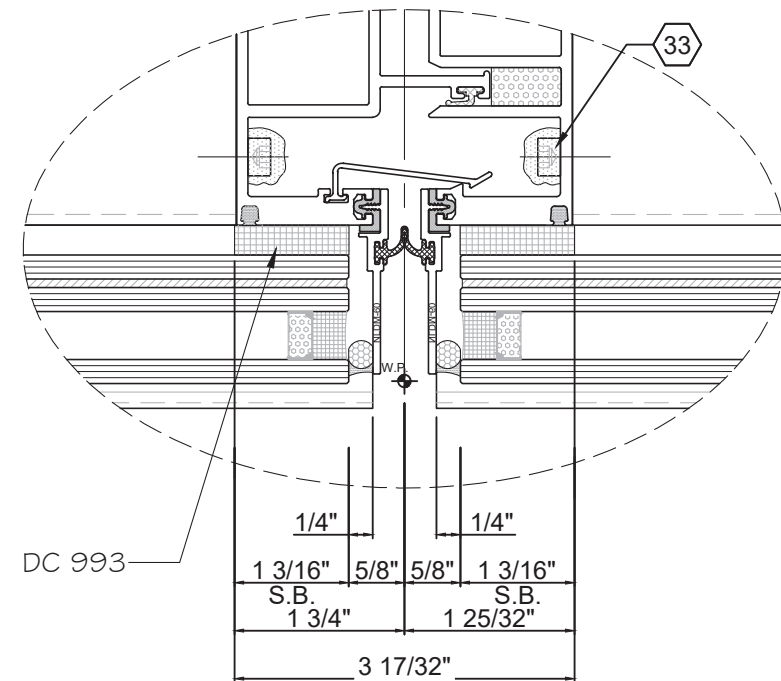
1 9/16" SILICONE WIDTH



1 1/2" SILICONE WIDTH



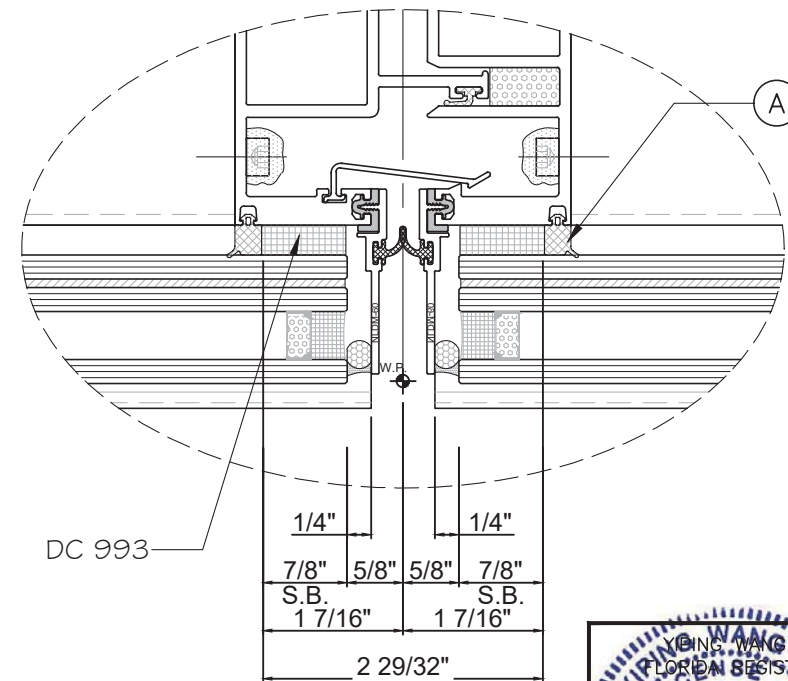
1 1/4" SILICONE WIDTH



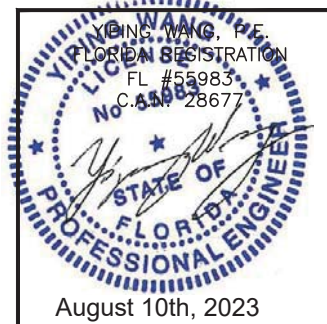
1 3/16" SILICONE WIDTH

FOR STRAIGHT PANEL CONDITION

MULLION C-C DIMENSION	ALLOWABLE CAPACITY (PSF) DUE TO SILICONE WIDTH				
PANEL W (IN)	1 9/16"	1 1/2"	1 1/4"	1 3/16"	7/8"
36	140.0	140.0	140.0	140.0	140.0
42	140.0	140.0	140.0	140.0	120.0
48	140.0	140.0	140.0	140.0	105.0
54	140.0	140.0	133.3	126.7	93.3
60	140.0	140.0	120.0	114.0	84.0
66	136.4	130.9	109.1	103.6	76.4
72	125.0	120.0	100.0	95.0	70.0



7/8" SILICONE WIDTH



REVISONS

NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO PFC 2023

MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301

MIRAMAR, FL 33027

www.MCYEngineering.com

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.

4348 WESTROADS DRIVE

WEST PALM BEACH, FL 33407

P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL:

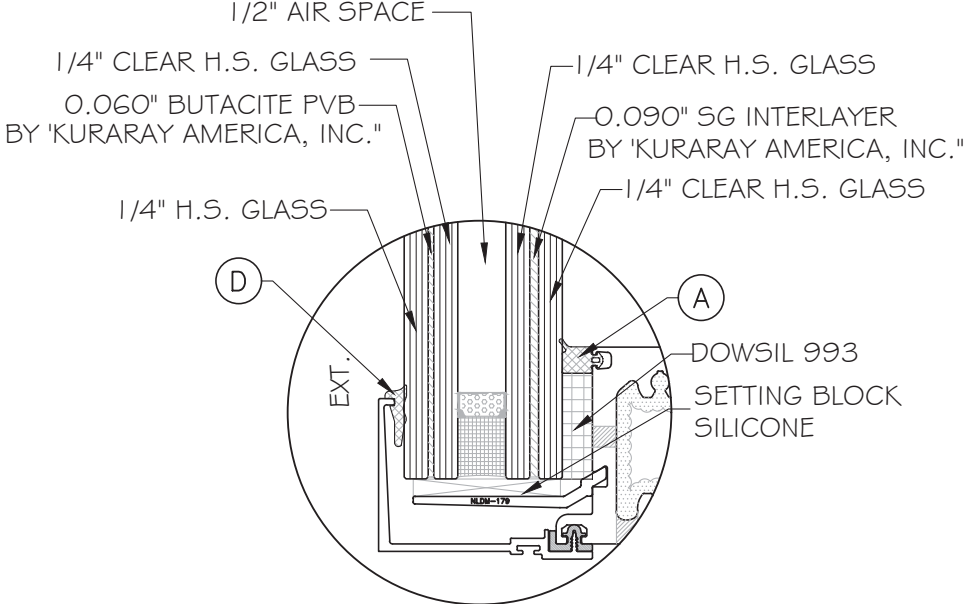
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.

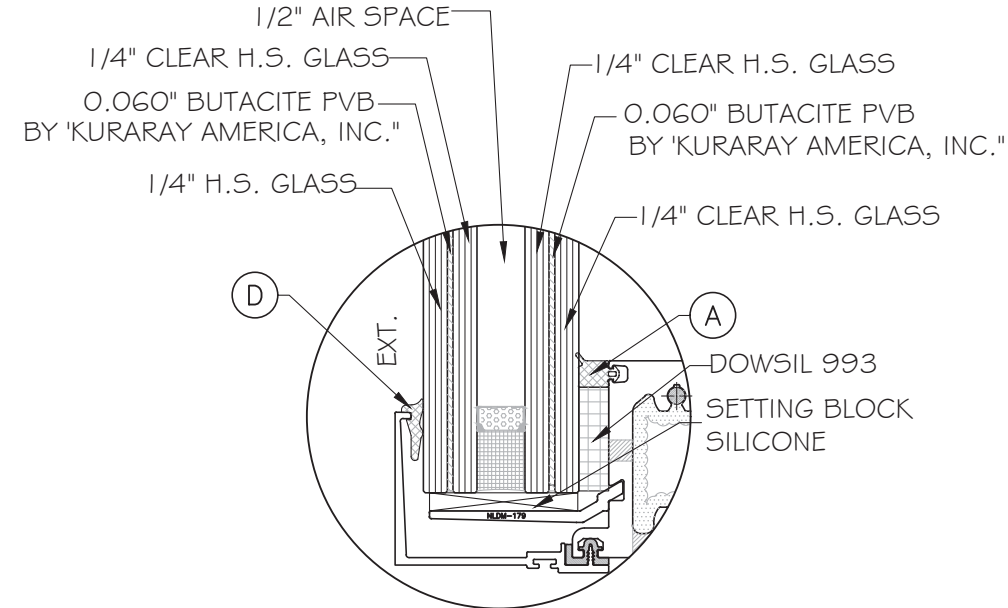
AD17-32

G3



GLASS TYPE 'GL4'
1'-5/8" NOMINAL OVERALL
INSULATED LAMINATED GLASS WITH LAMINATED OUTBOARD

LARGE MISSILE IMPACT



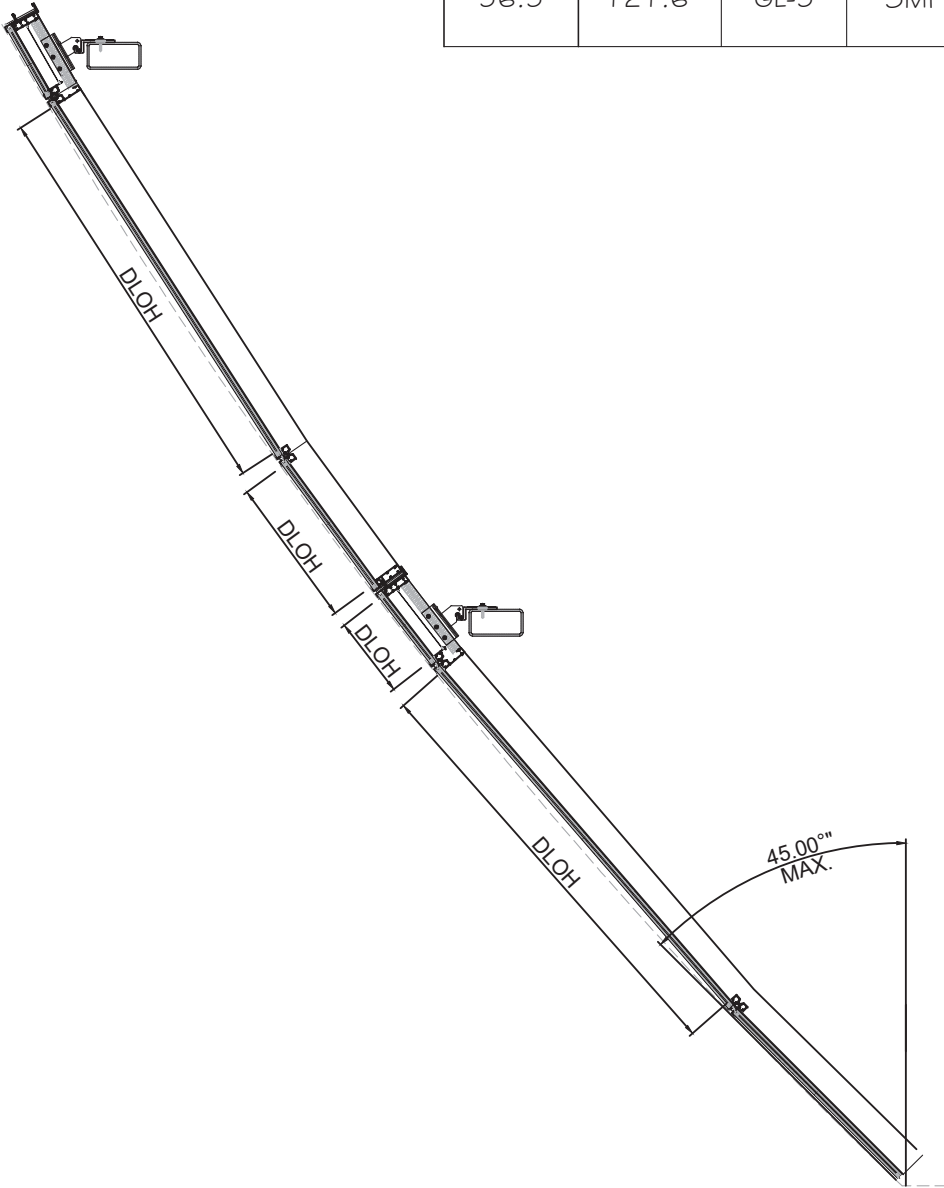
GLASS TYPE 'GL5'
1'-5/8" NOMINAL OVERALL
INSULATED LAMINATED GLASS WITH LAMINATED OUTBOARD

SMALL MISSILE IMPACT

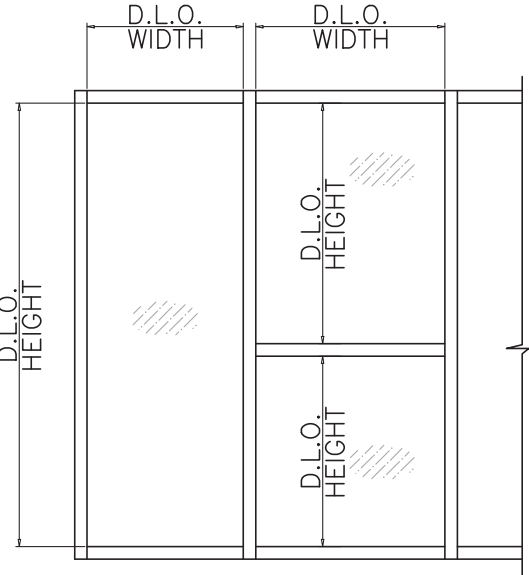
NOTE: SMALL MISSILE IMPACT GLASS TYPES TO BE USED ABOVE 30'-0" FROM GRADE.

GLASS TYPES USED FOR SLOPED CONDITION

GLASS CAPACITIES						
DAYLIGHT OPENING DIMENSION		GLASS TYPE	IMPACT	ALLOWABLE DESIGN LOAD		MARK
D.L.O.W.	D.L.O.H.			GL-4		
MAX. (IN)	(IN)			(+)PSF	(-)PSF	
56.5	129.5	GL-4	LMI	120	140	SLOPE
56.5	121.6	GL-5	SMI	120	140	SLOPE



CURTAIN WALL
SECTION



August 10th, 2023

REVISIONS	
NO.	DESCRIPTION
1	08.10.23
2	08.10.23
3	08.10.23
4	08.10.23
5	08.10.23
6	08.10.23
7	08.10.23
8	08.10.23
9	08.10.23
10	08.10.23

MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027
P: 305.271.0117
P: 305.588.5224
www.MCYEngineering.com
MCY@mcycyengineering.com

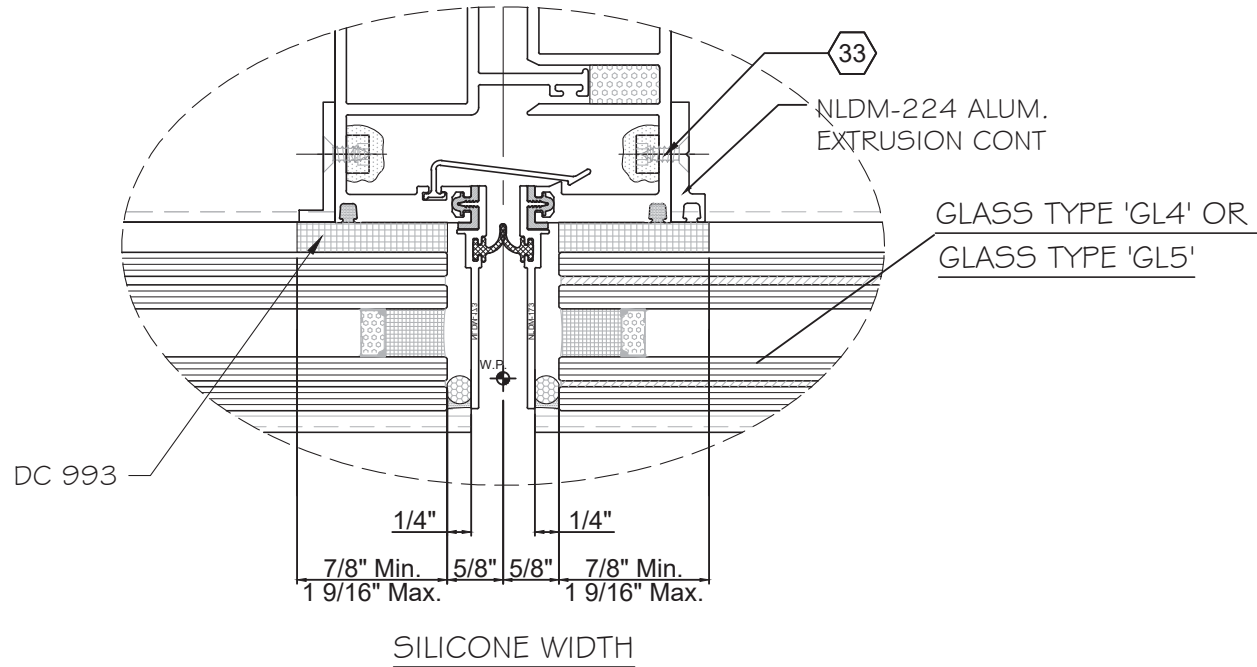
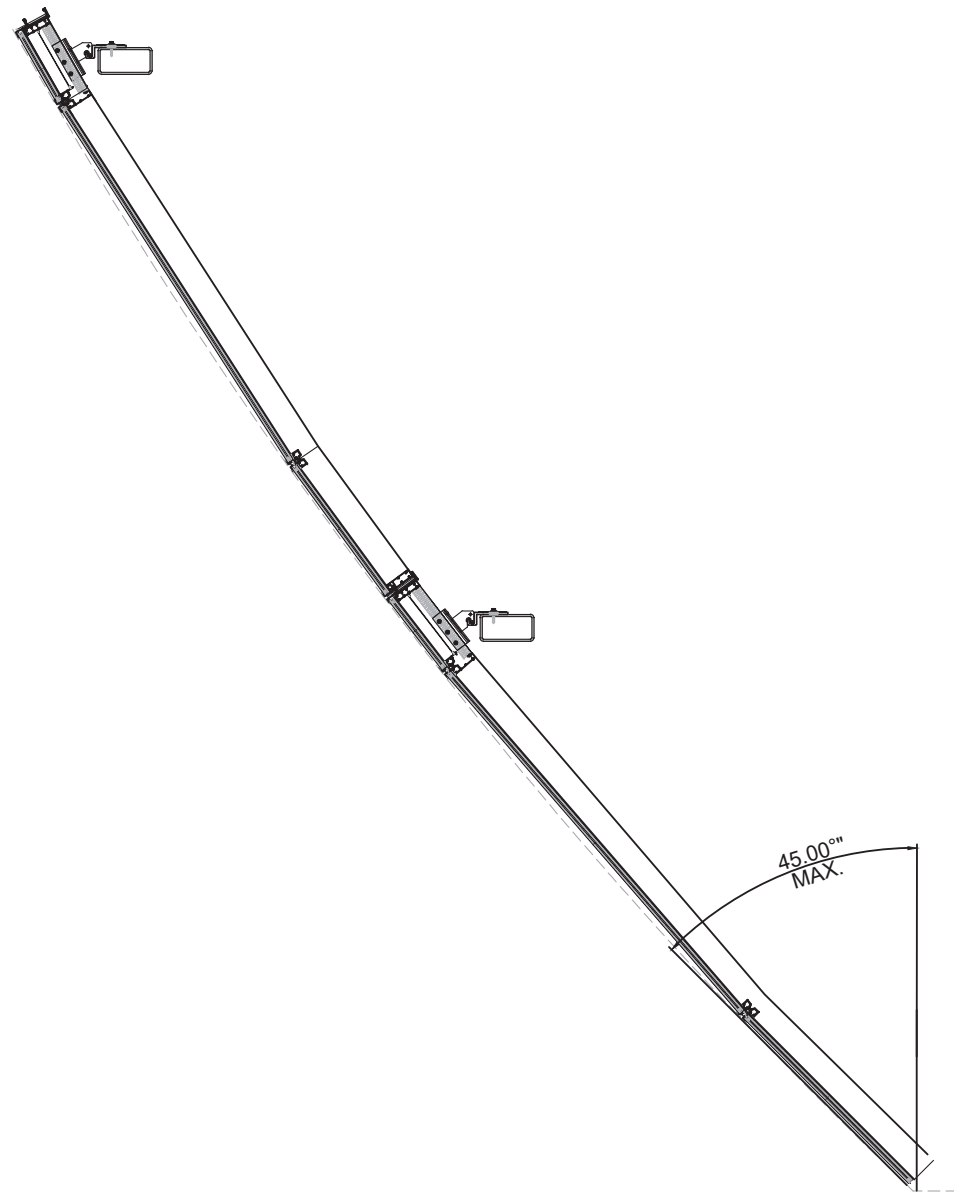
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL:	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

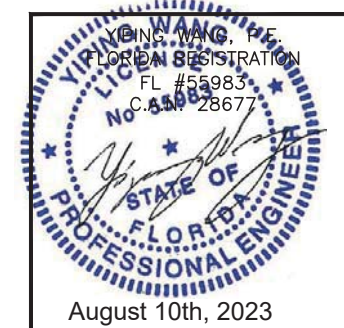
G4



SLOPED PANEL CONDITION

SILICONE CAPACITY UNDER LONG LOAD DURATION (PSF)		
SILICONE WIDTH	TYPICAL CONDITION	HARD ROCK PROJECT ONLY
	1 PSI	2 PSI
MAX. ALLOWED MULLION C-C DIMENSION		
7/8 "	19"	38"
1 3/16 "	25 13/16"	51 5/8"
1 1/4 "	27 3/16"	54 3/8"
1 1/2 "	32 10/16"	60"
1 9/16 "	33 15/16"	60"

DEAD LOAD IS DEFINED AS LONG TERM LOAD DURATION.
ALLOW STRESS OF SILICONE UNDER DEAD LOAD IS 1 PSI.
FOR SEMINOLE HARD ROCK PROJECT, ALLOWABLE STRESS FOR DEAD LOAD
TO USE 2 PSI APPROVED BY DOW CORNING DATED 11.14.17.



August 10th, 2023

REVISIONS

NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO PFC 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

M

C

Y

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FLORIDA APPROVAL:

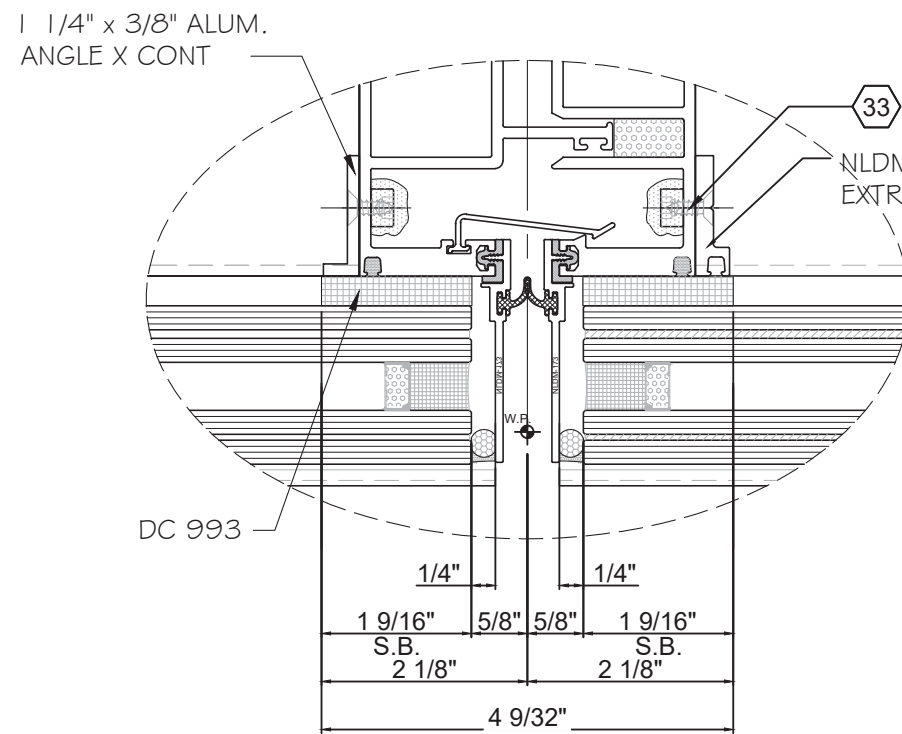
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

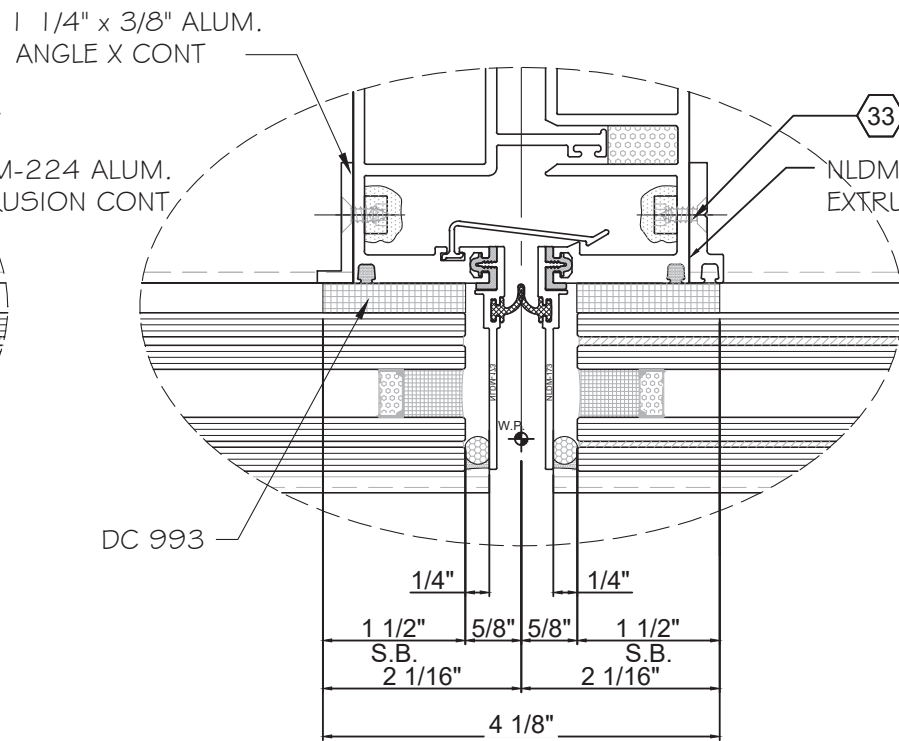
DRAWING NO.

AD17-32

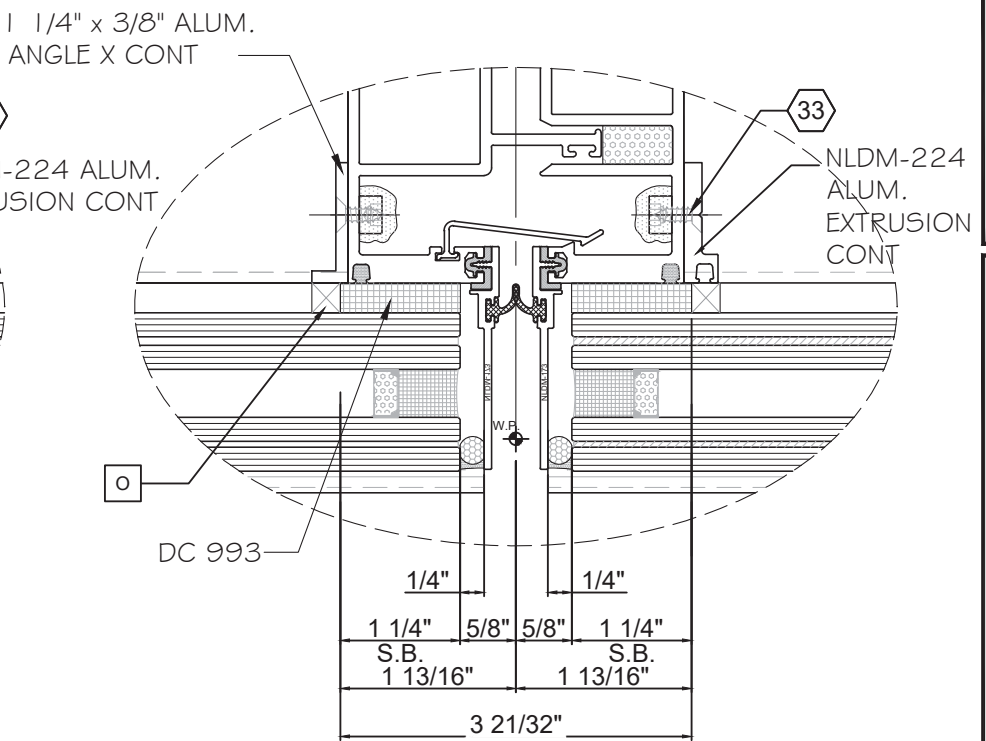
G5



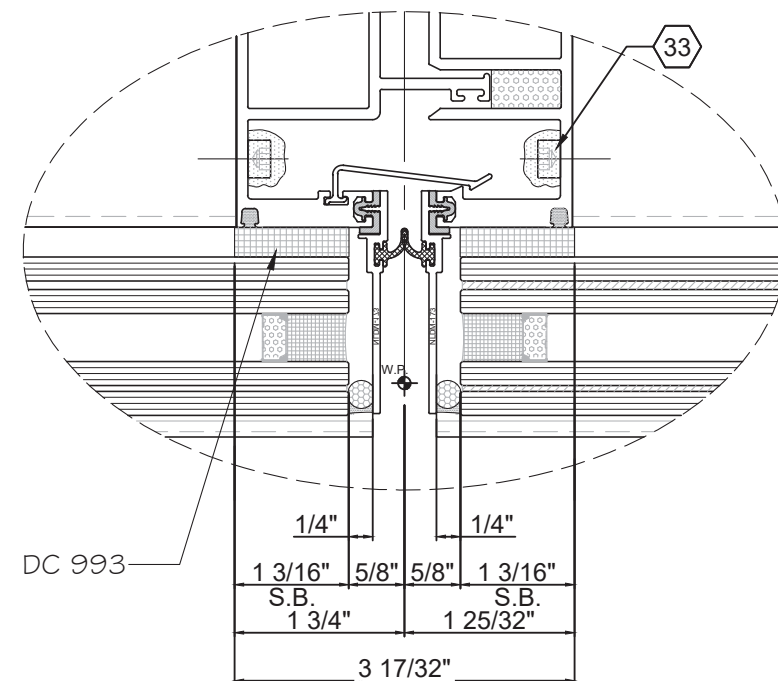
1 9/16" SILICONE WIDTH



1 1/2" SILICONE WIDTH



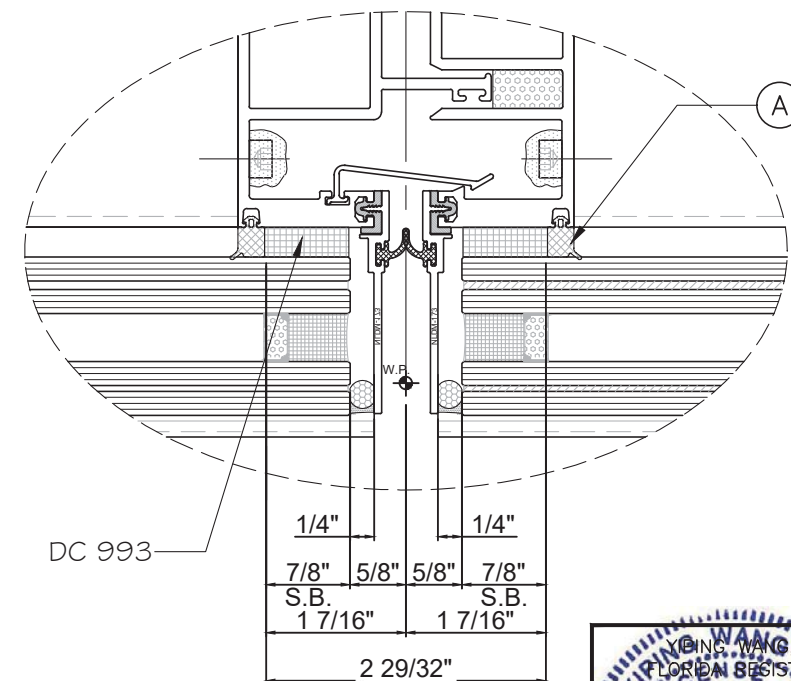
1 1/4" SILICONE WIDTH



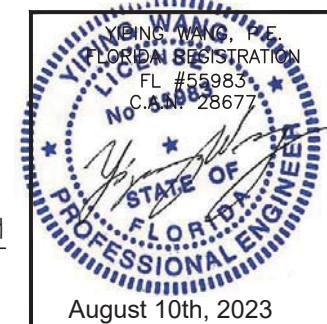
1 3/16" SILICONE WIDTH

SLOPED PANEL CONDITION (SLOPED ANGLE 45° MAX.)

MULLION C-C	CAPACITY DUE TO SILICONE WIDTH (PSF)				
W.(in.)	1 9/16"	1 1/2"	1 1/4"	1 3/16"	7/8"
36	140.0	140.0	140.0	140.0	130.6
42	140.0	140.0	140.0	140.0	110.6
48	140.0	140.0	140.0	133.1	95.6
54	140.0	140.0	123.9	117.3	83.9
60	140.0	134.6	110.6	104.6	74.6
66	127.0	121.5	99.7	94.2	67.0
72	115.6	110.6	90.6	85.6	60.6



7/8" SILICONE WIDTH



REVISONS	DESCRIPTION
NO.	DATE
R3	08.10.23
	UPDATED TO P&C 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

MCY

12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
MIRAMAR, FL 33027 P: 305.588.5224

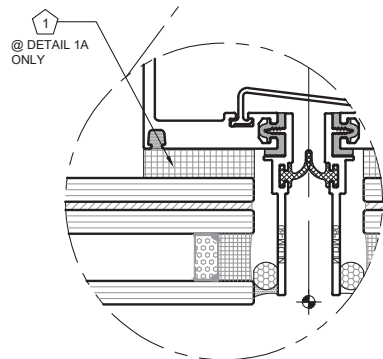
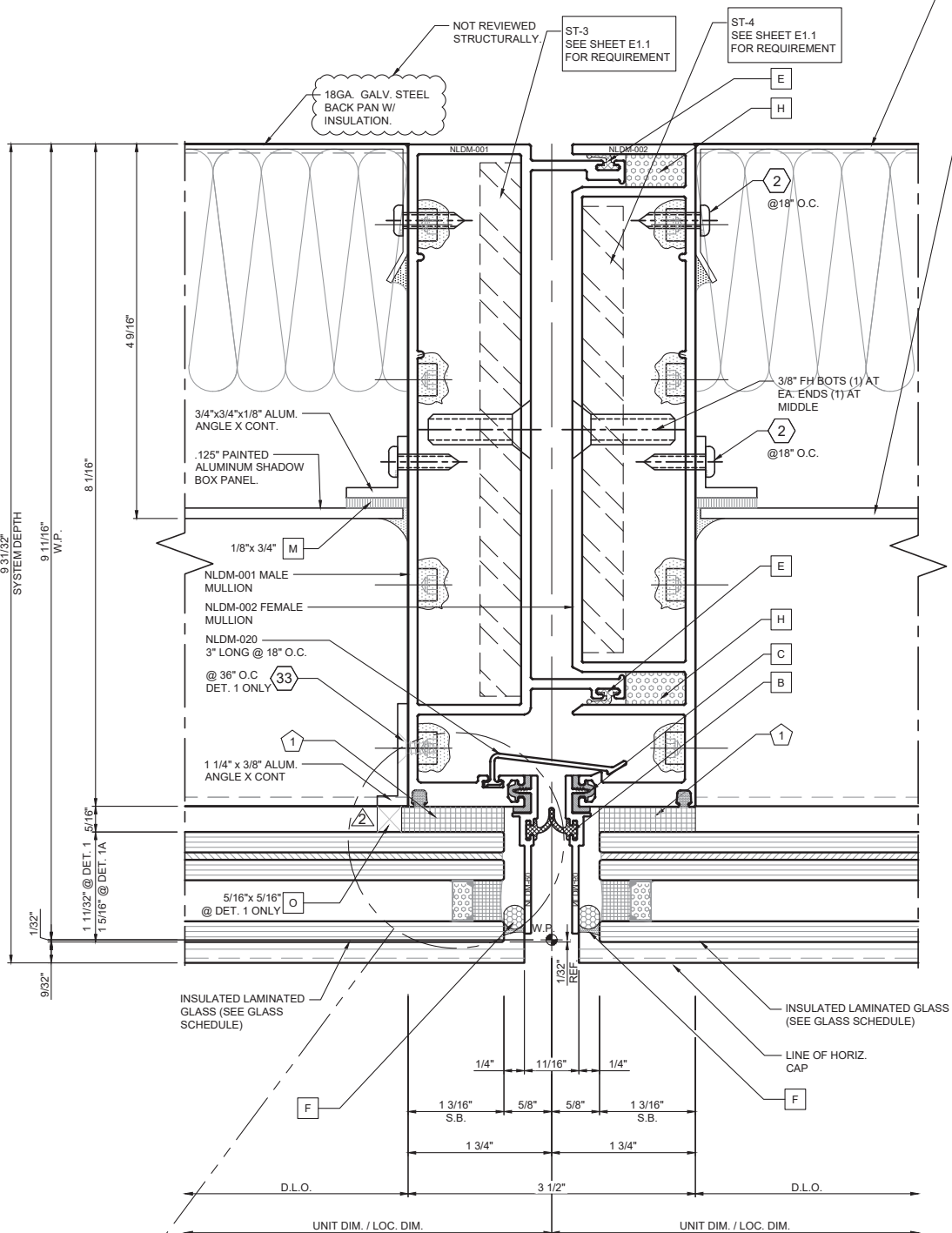
www.MCYEngineering.com MCY@mcyengineering.com

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.

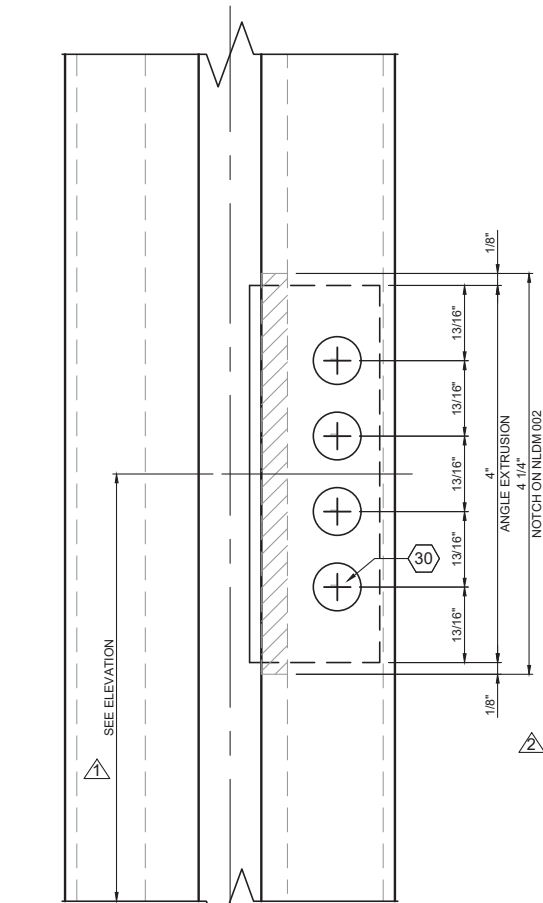
4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL:	
FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO.	
AD17-32	
G6	

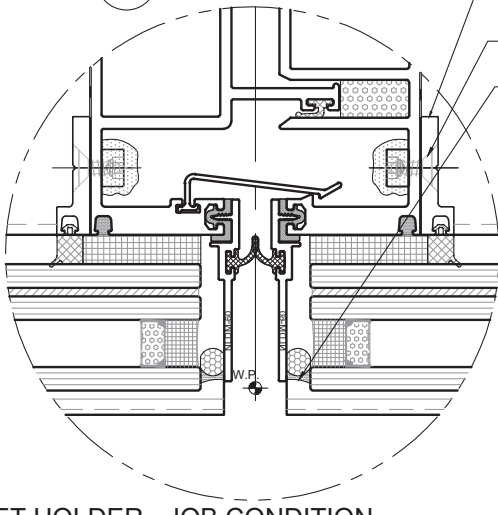


1 TYPICAL MULL DETAIL @ SPANDREL (LMI)
SCALE: 1/2

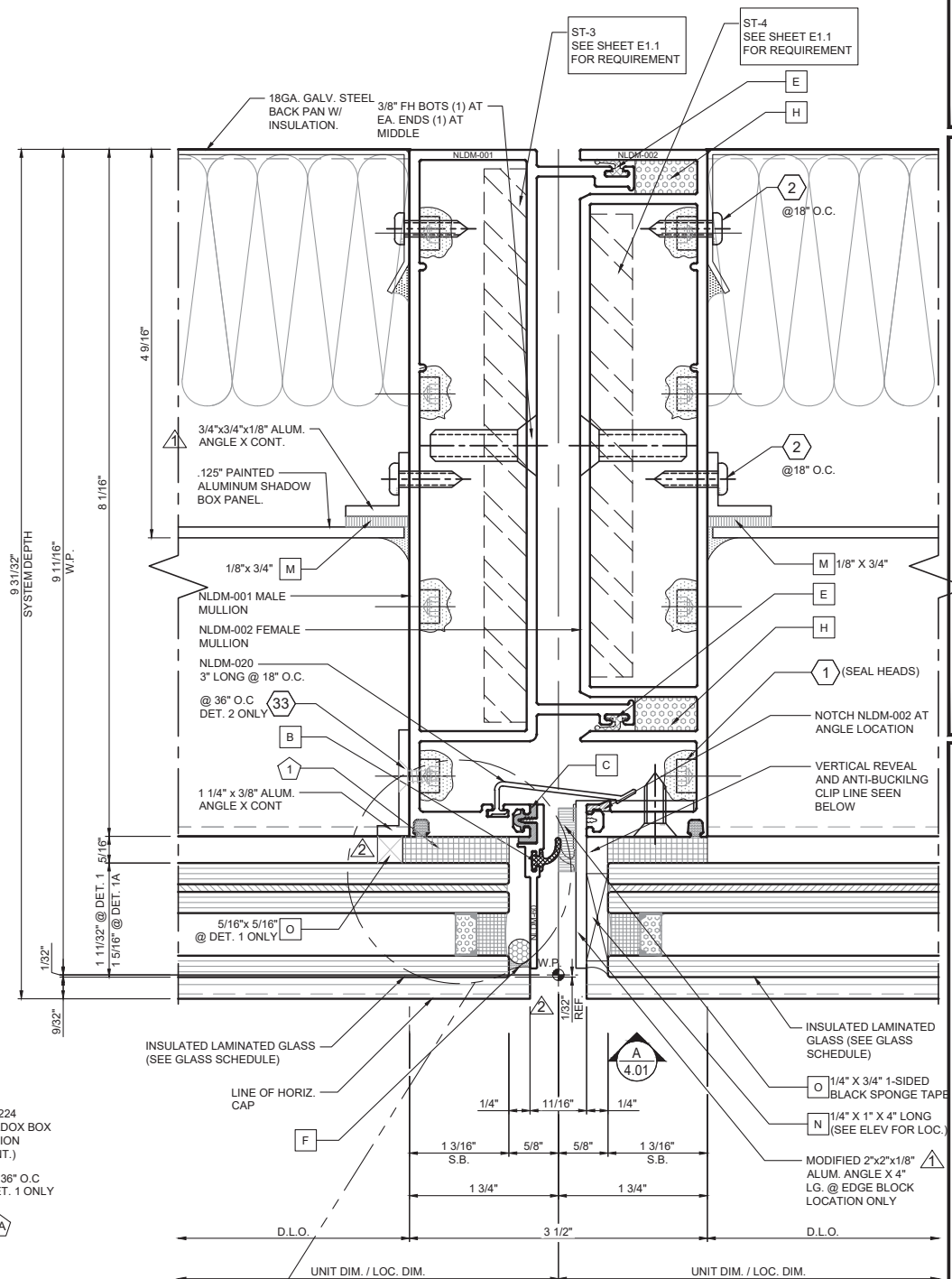
1A TYPICAL MULL DETAIL @ SPANDREL (SMI)
SCALE: 1/2



A EDGE BLOCK DETAIL
SCALE: FULL

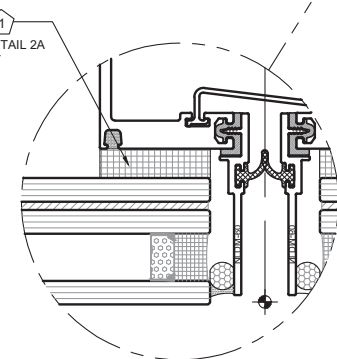


B TYP. GASKET HOLDER - JOB CONDITION
SCALE: 1/2 TYPICAL @ ALL HIGHLOAD SHADOW BOX CONDITIONS



2 MULL DETAIL @ EDGE BLOCK LOCATION (LMI)
SCALE: 1/2

2A MULL DETAIL @ EDGE BLOCK LOCATION (SMI)
SCALE: 1/2



SHOP NOTE:
GALVANIZED BACKPAN ONLY
SHOWN ON DETAILS FOR VISUAL
PRESENTATION AND NOT
REQUIRED FOR MOCK-UP
TESTING.

SHOP NOTE:
SHADOW BOX ONLY
OCCURS IN ONE
LOCATION.
(SEE M2.01 FOR LOC.)

NO.	DATE	DESCRIPTION
03	08.10.23	UPDATED TO PRC 2023

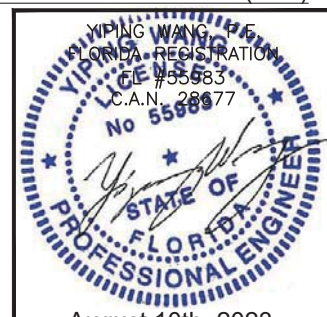
MCY ENGINEERING, INC.
GLAZING CONSULTANTS

MCY

12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
MIRAMAR, FL 33027 P: 305.588.5224
www.MCYEngineering.com MCY@mcycengineering.com

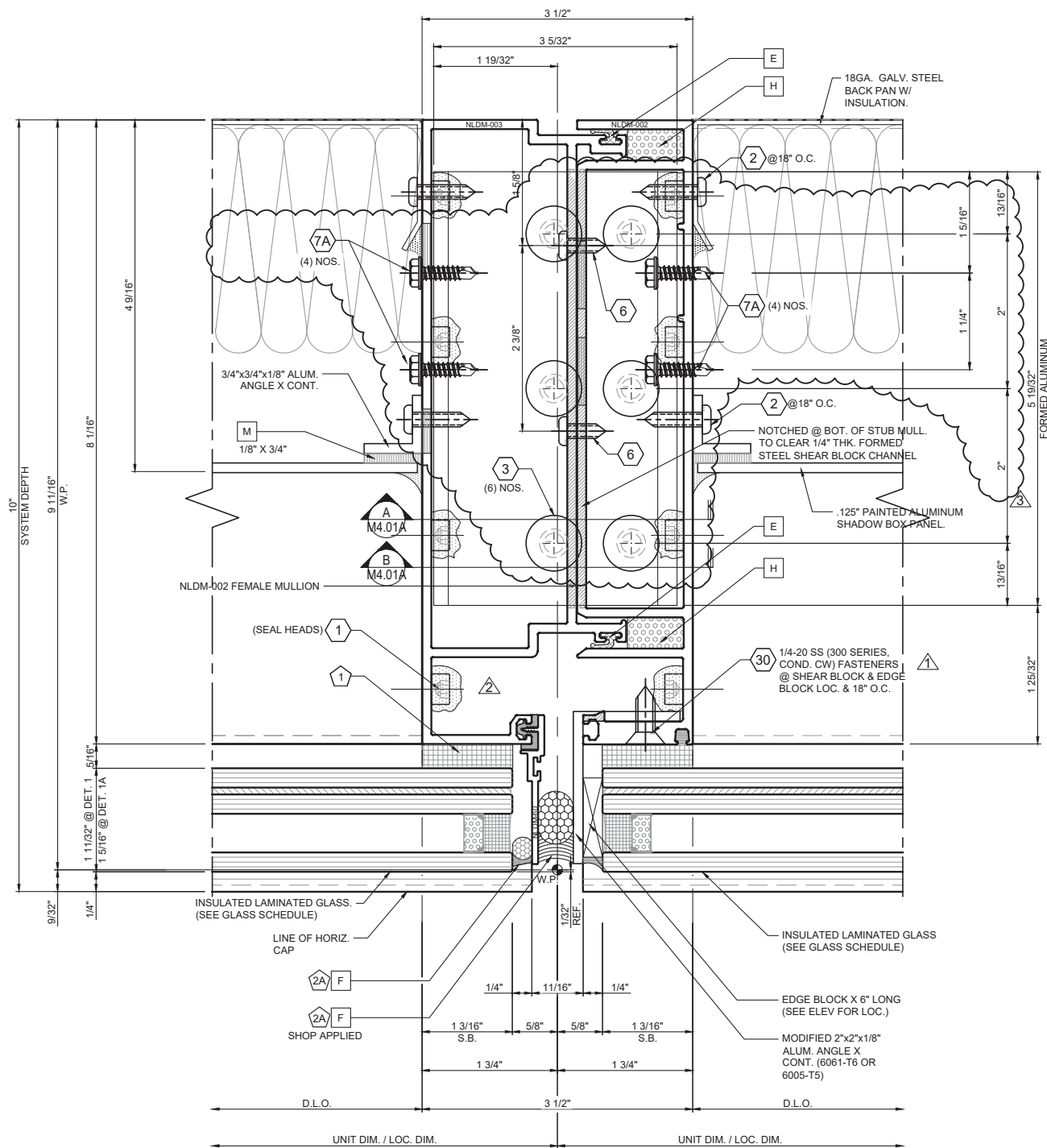
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131



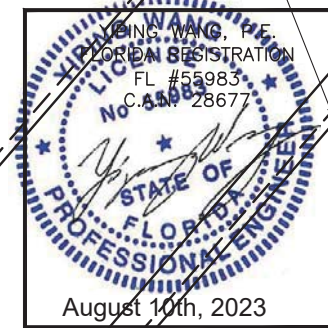
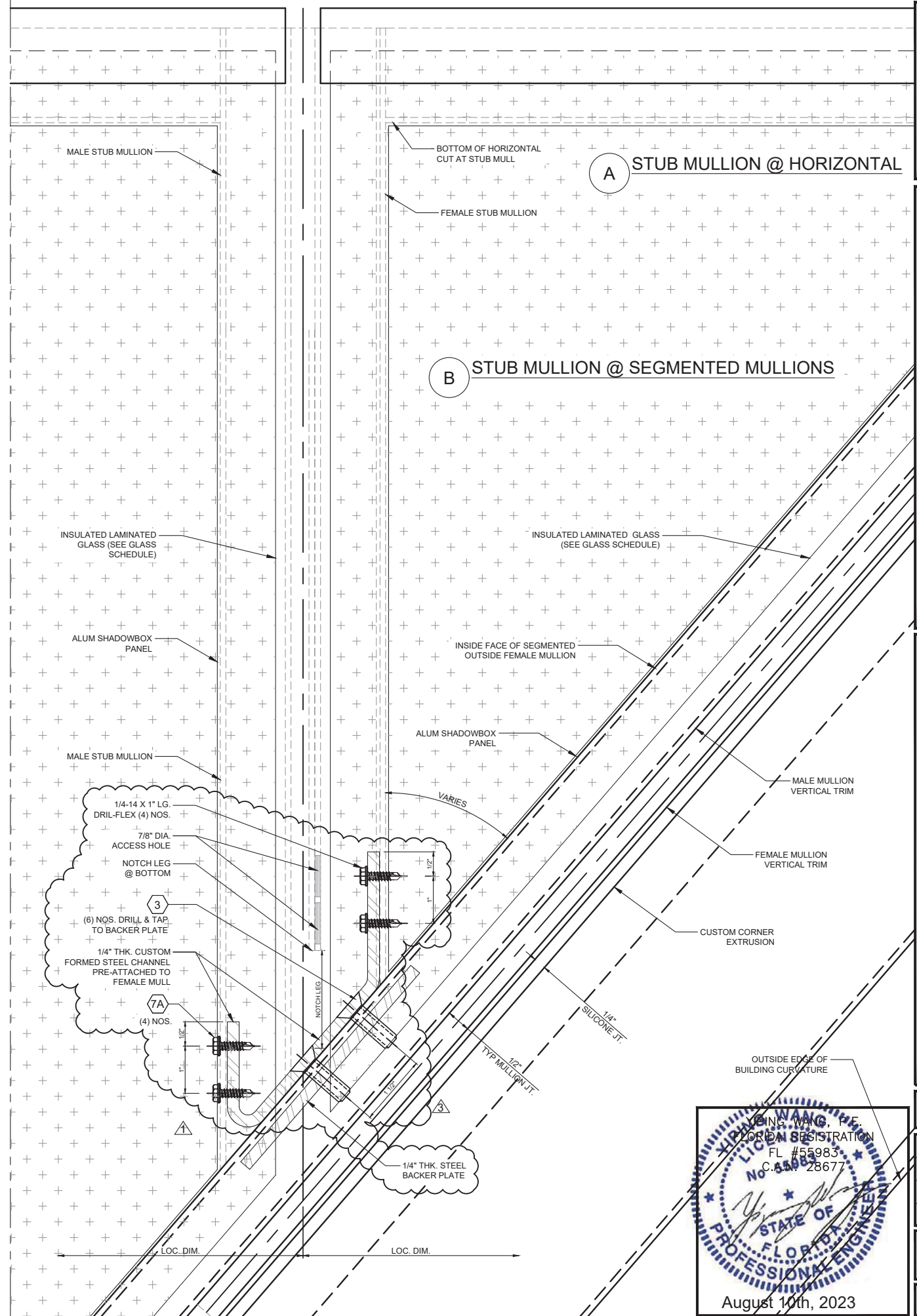
FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M4.01	

August 10th, 2023



1 STUB MULL DETAIL @ SPANDREL (LMI)
SCALE: 1/2

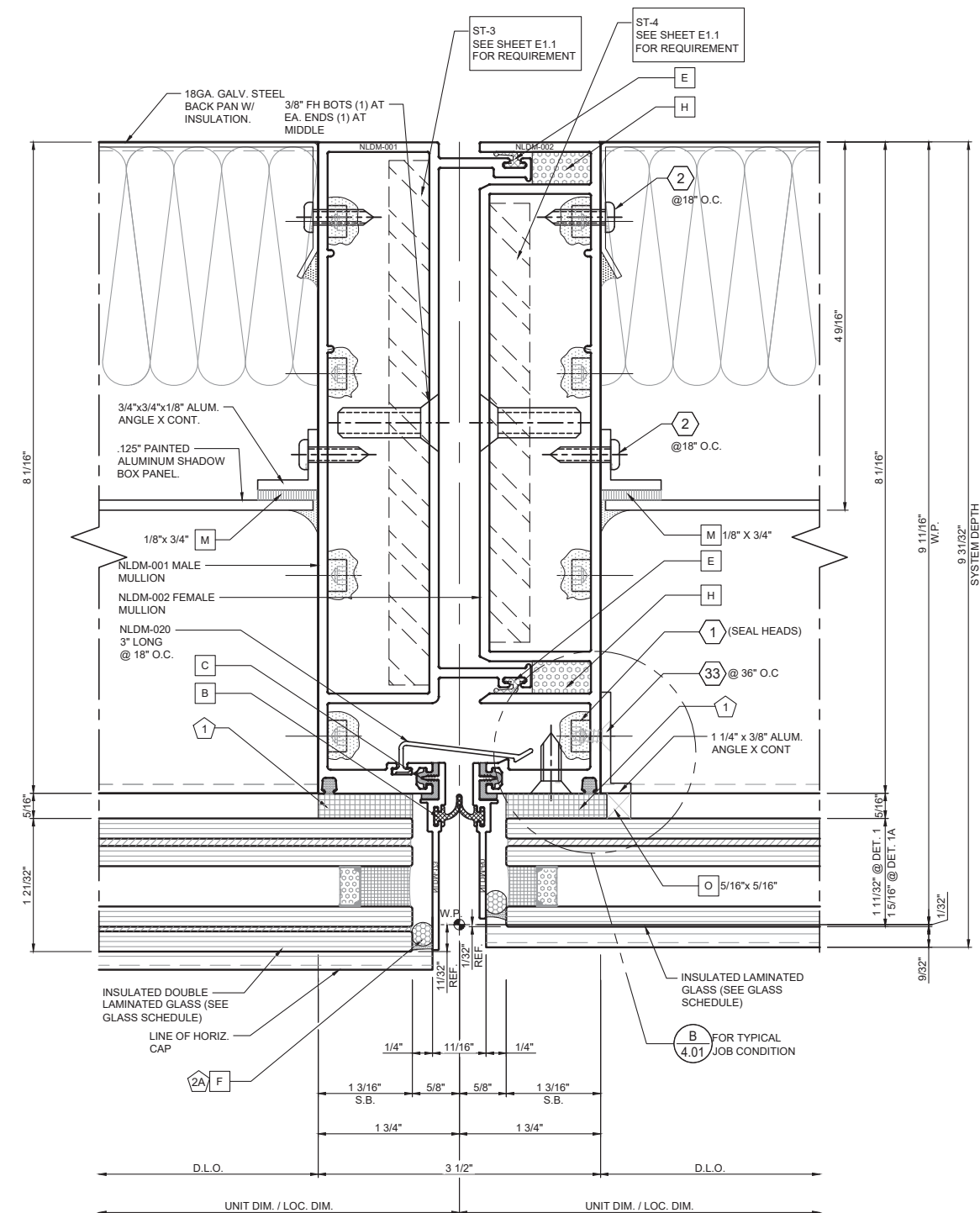
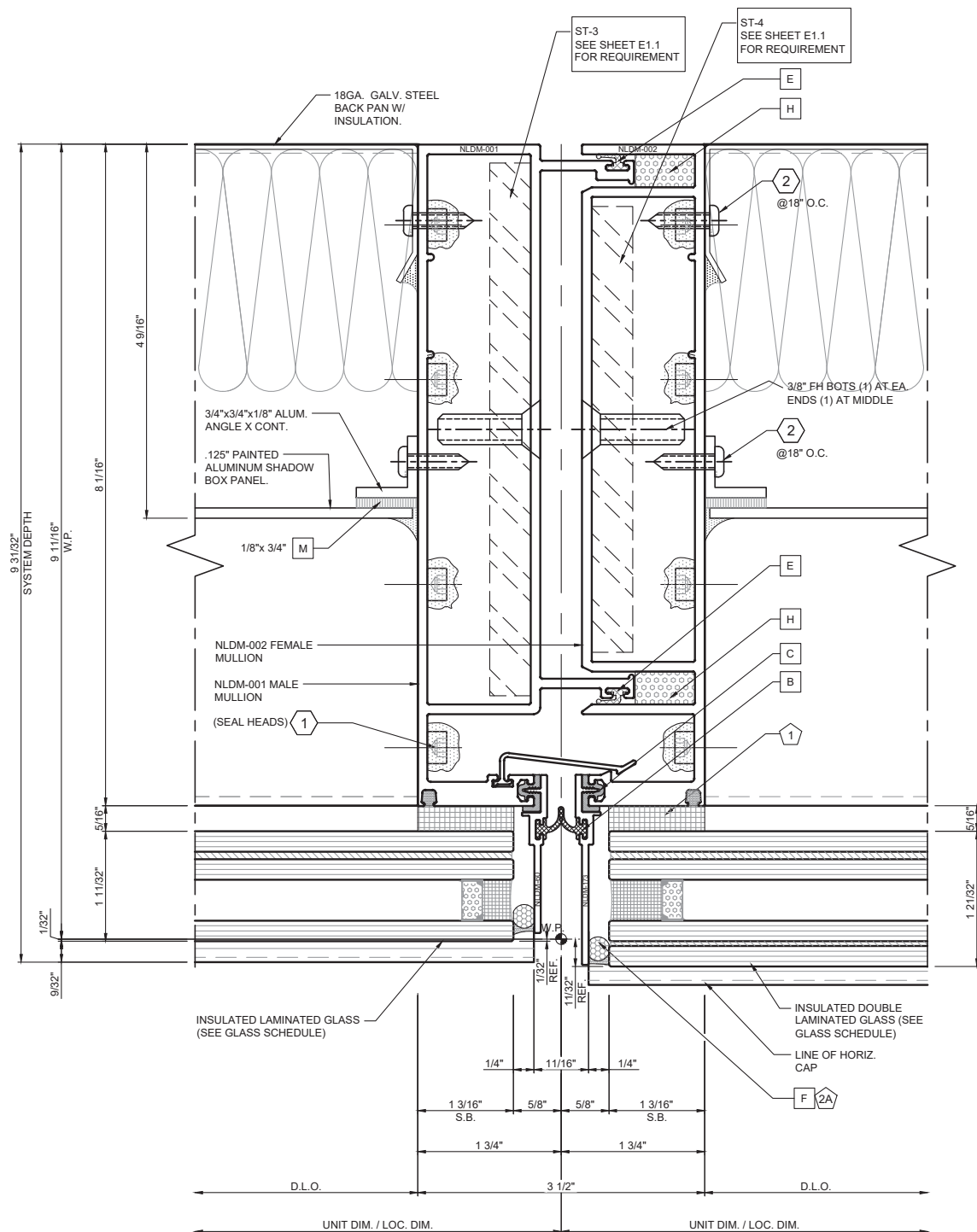
1A STUB MULL DETAIL @ SPANDREL (SMI)
SCALE: 1/2



REVISONS		DESCRIPTION	
NO.	DATE	DESCRIPTION	
1	08.10.23	UPDATED TO PFC 2023	

MCY ENGINEERING, INC. GLAZING CONSULTANTS		MCY
12781 MIRAMAR PKWY, STE. 301	P: 305.271.0117	
MIRAMAR, FL 33027	P: 305.588.5224	
www.MCYEngineering.com	MCY@mcycengineering.com	

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.) N.R. ARCHITECTURAL PRODUCTS, INC. 4348 WESTROADS DRIVE WEST PALM BEACH, FL 33407 P: (561) 844 - 1121 F: (561) 844 - 6131		FLORIDA APPROVAL: FL #20149.1 DATE 08.10.2023 SCALE AS NOTED DRAWN James PROJECT MCY17-097 DRAWING NO. AD17-32 M4.01A
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SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
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REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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GLAZING CONSULTANTS

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MIRAMAR, FL. 33027 P: 305.588.5224

www.MCYEngineering.com MCY@mcysengineering.com

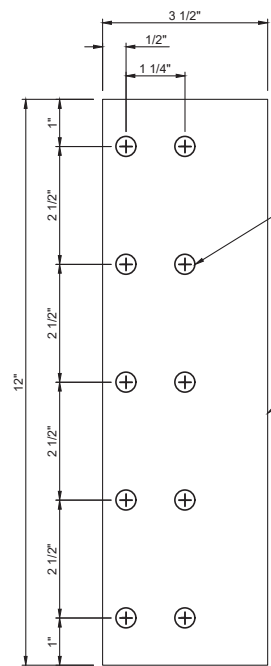
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

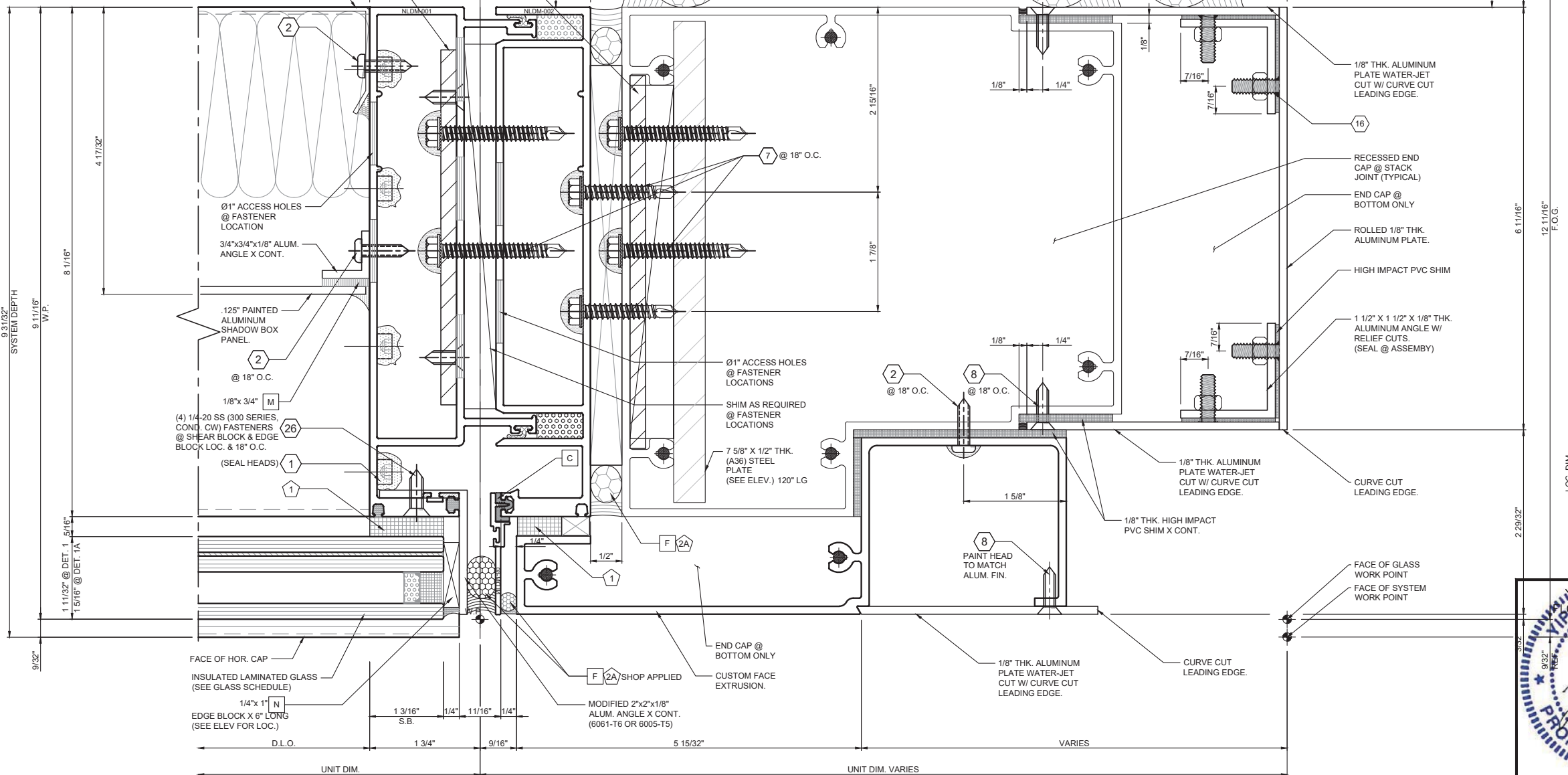
DRAWING NO.
AD17-32

M4.01B

August 10th, 2023



SECTION "A-A"
SCALE: HALF



- 1 OUTSIDE CORNER DETAIL (LMI)
SCALE: 1/2
- 1A OUTSIDE CORNER DETAIL (SMI)
SCALE: 1/2

REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FIG 2023

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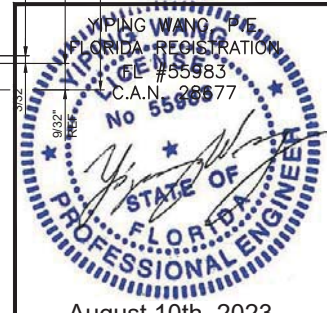
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
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P: (561) 844 - 1121 F: (561) 844 - 6131

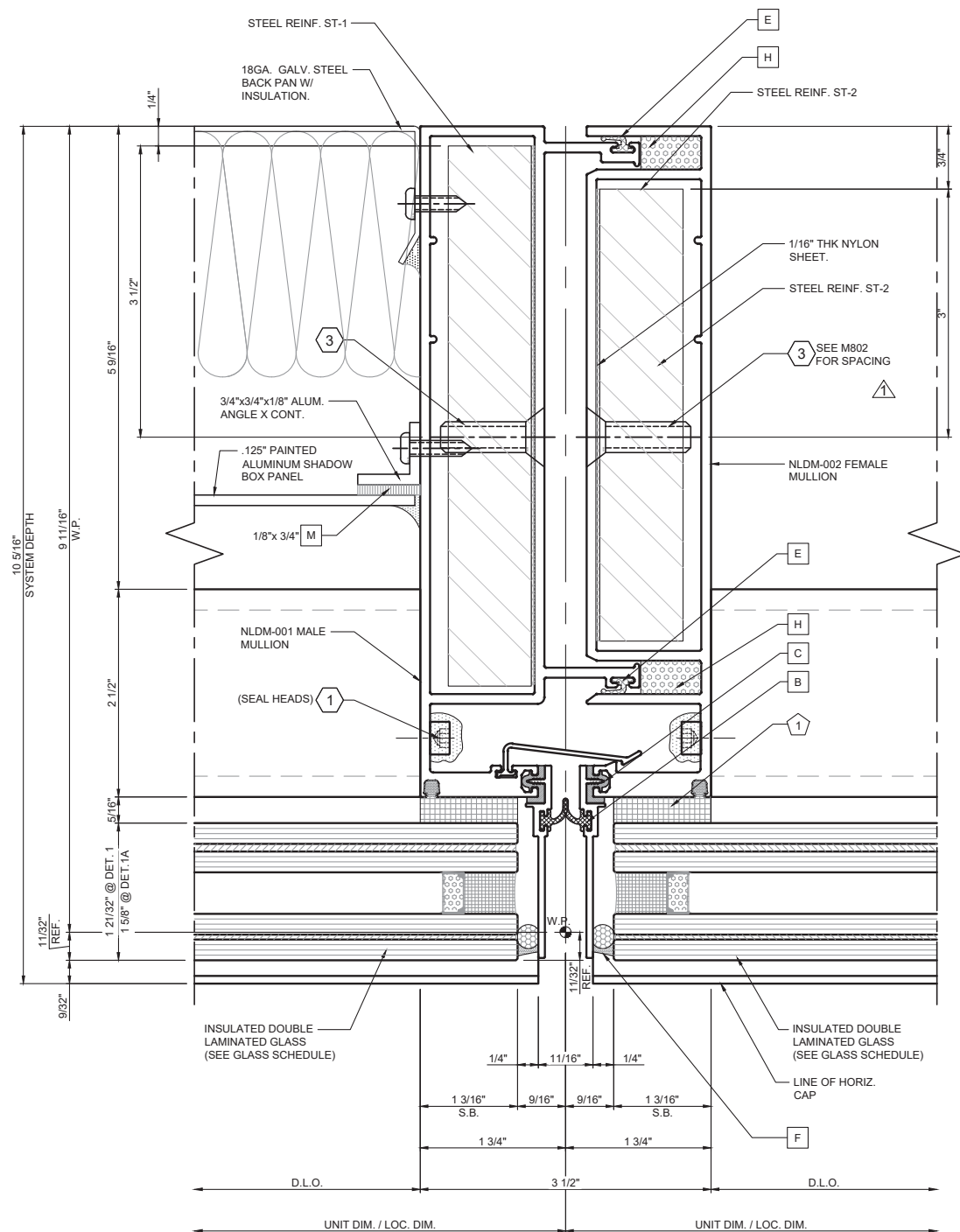
FLORIDA APPROVAL:	
FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

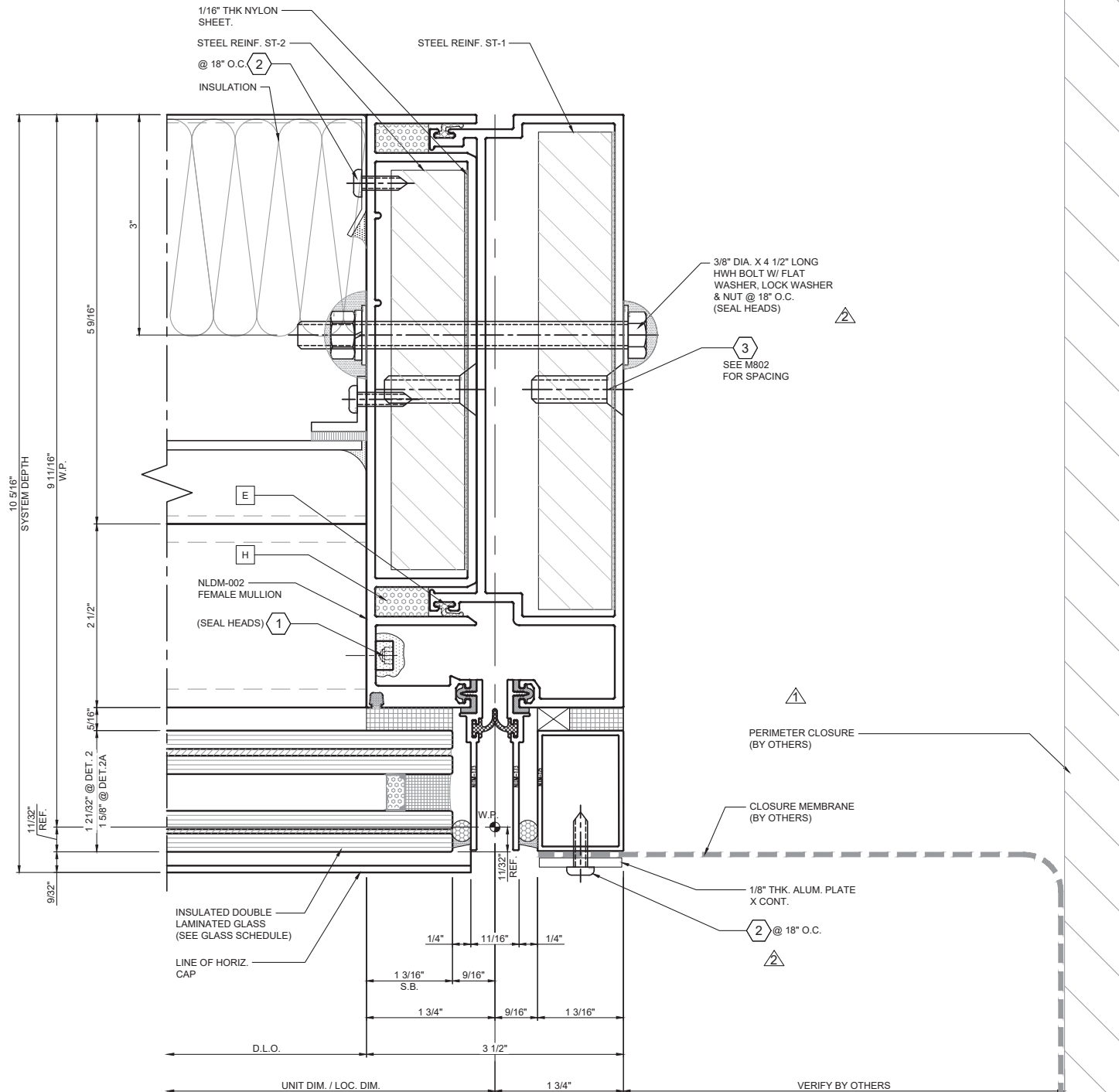
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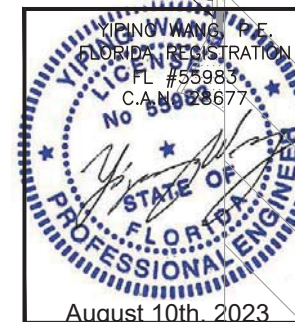
August 10th, 2023



- 1 MULL DETAIL @ SPANDREL/VISION-SEGMENTED WALL (LMI)
SCALE: 1/2
- 1A MULL DETAIL @ SPANDREL/VISION-SEGMENTED WALL (SMI)
SCALE: 1/2



- 2 JAMB MULL DETAIL @ VISION-SEGMENTED WALL (LMI)
SCALE: 1/2
- 2A JAMB MULL DETAIL @ VISION-SEGMENTED WALL (SMI)
SCALE: 1/2

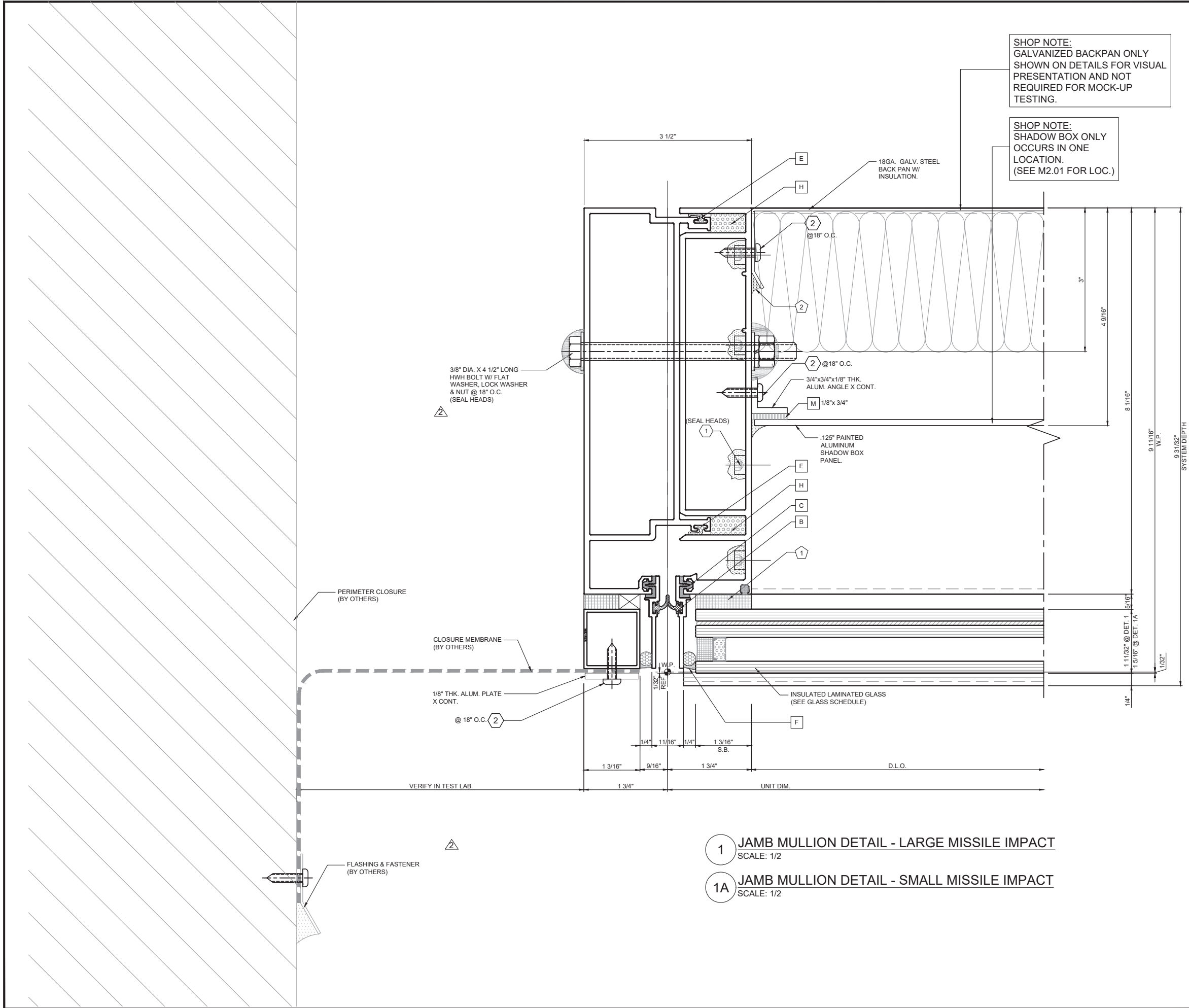


REVISIONS		NO. DATE DESCRIPTION	
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		02	08.10.23
		03	08.10.23
		04	08.10.23
		05	08.10.23
		06	08.10.23
		07	08.10.23
		08	08.10.23
		09	08.10.23
		10	08.10.23
		11	08.10.23
		12	08.10.23

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4348 WESTROADS DRIVE		WEST PALM BEACH, FL 33407	
P: (561) 844 - 1121		F: (561) 844 - 6131	

FLORIDA APPROVAL:		FL #20149.1	
DATE	08.10.2023	SCALE	AS NOTED
DRAWN	James	PROJECT	MCY17-097
DRAWING NO.		AD17-32	
M4.03			



REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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MCY@mcyengineering.com

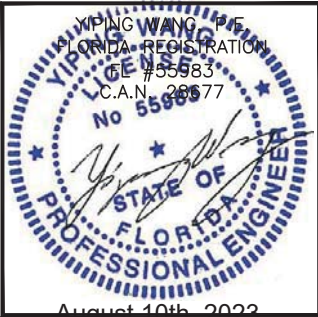
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

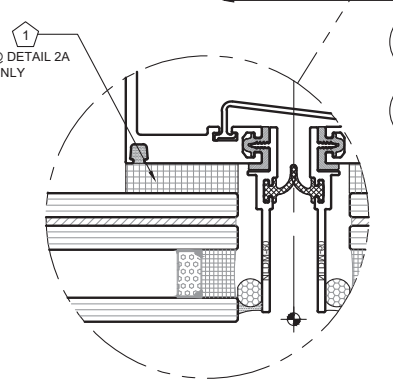
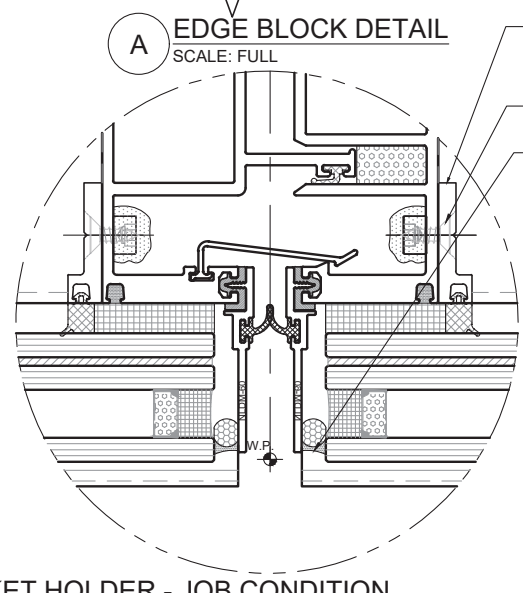
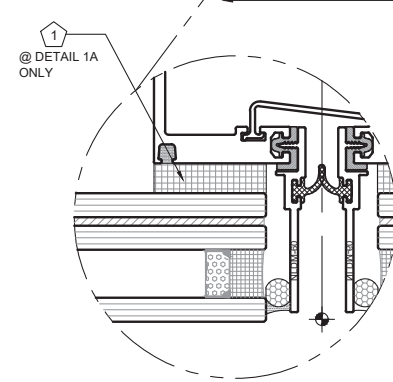
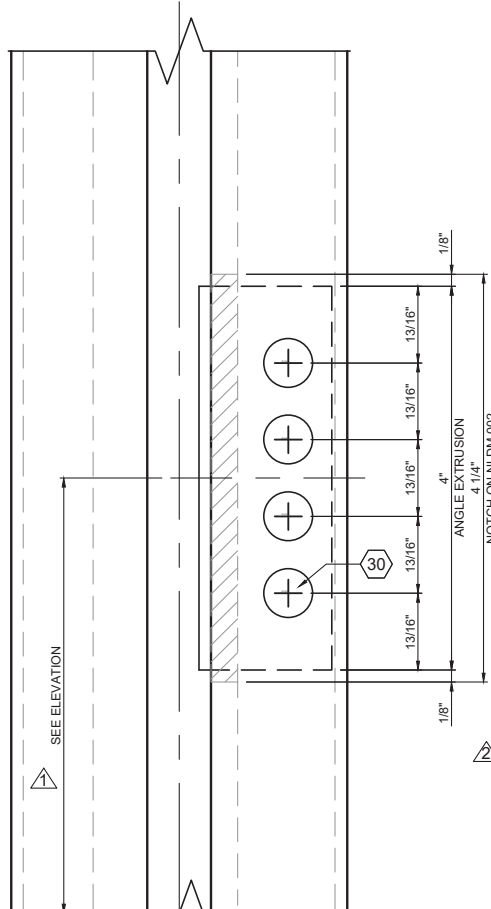
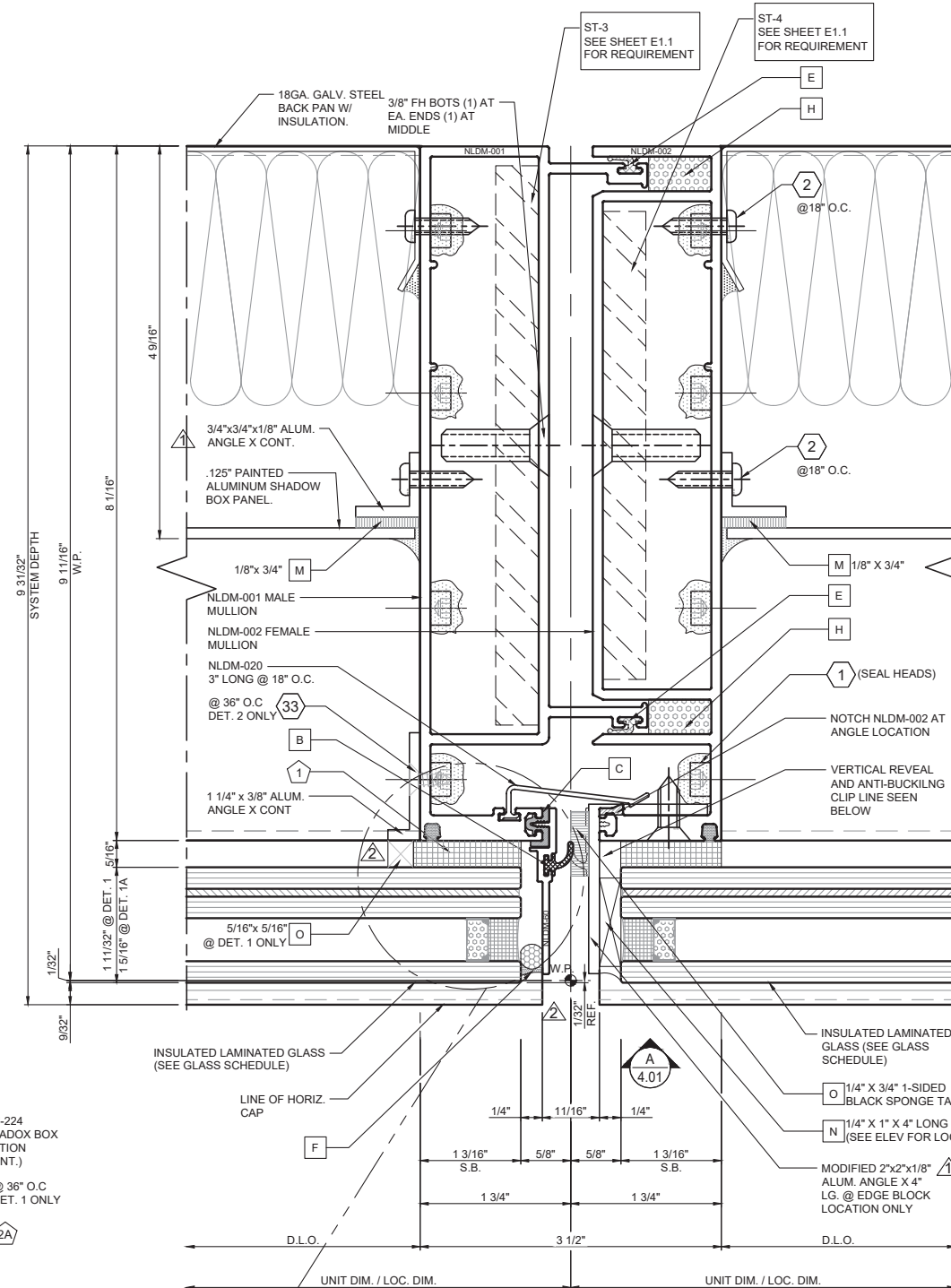
FLORIDA APPROVAL:	
FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M4.04



August 10th, 2023



1 TYPICAL MULL DETAIL @ SPANDREL (LMI)
SCALE: 1/2

1A TYPICAL MULL DETAIL @ SPANDREL (SMI)
SCALE: 1/2

B TYP. GASKET HOLDER - JOB CONDITION
SCALE: 1/2 TYPICAL @ ALL HIGHLOAD SHADOW BOX CONDITIONS

2 MULL DETAIL @ EDGE BLOCK LOCATION (LMI)
SCALE: 1/2

2A MULL DETAIL @ EDGE BLOCK LOCATION (SMI)
SCALE: 1/2

REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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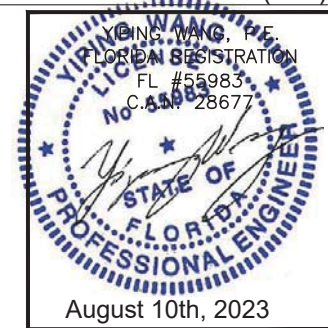
12781 MIRAMAR PKWY. STE. 301 P: 305.274.0117
MIRAMAR, FL 33027 P: 305.588.5224

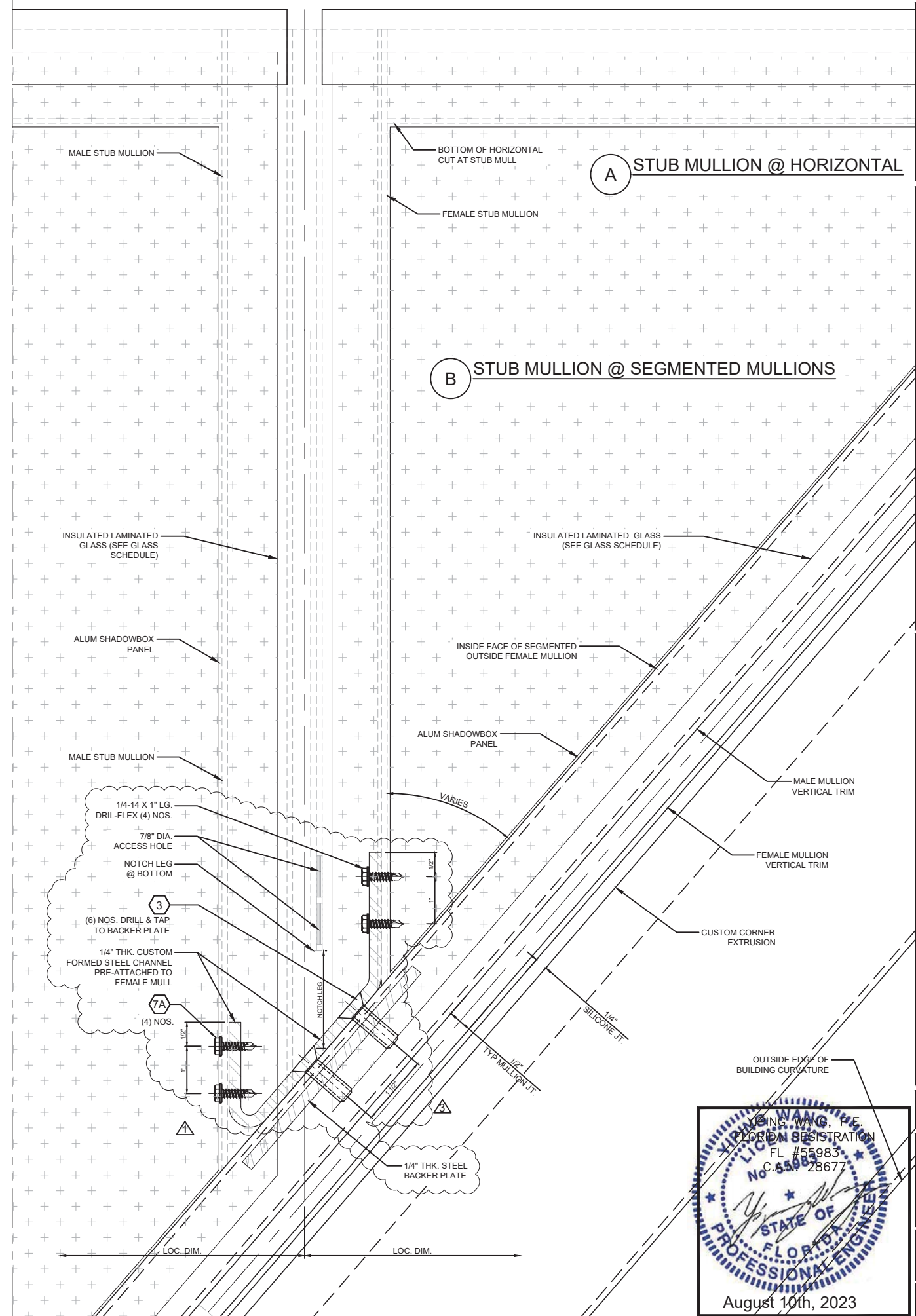
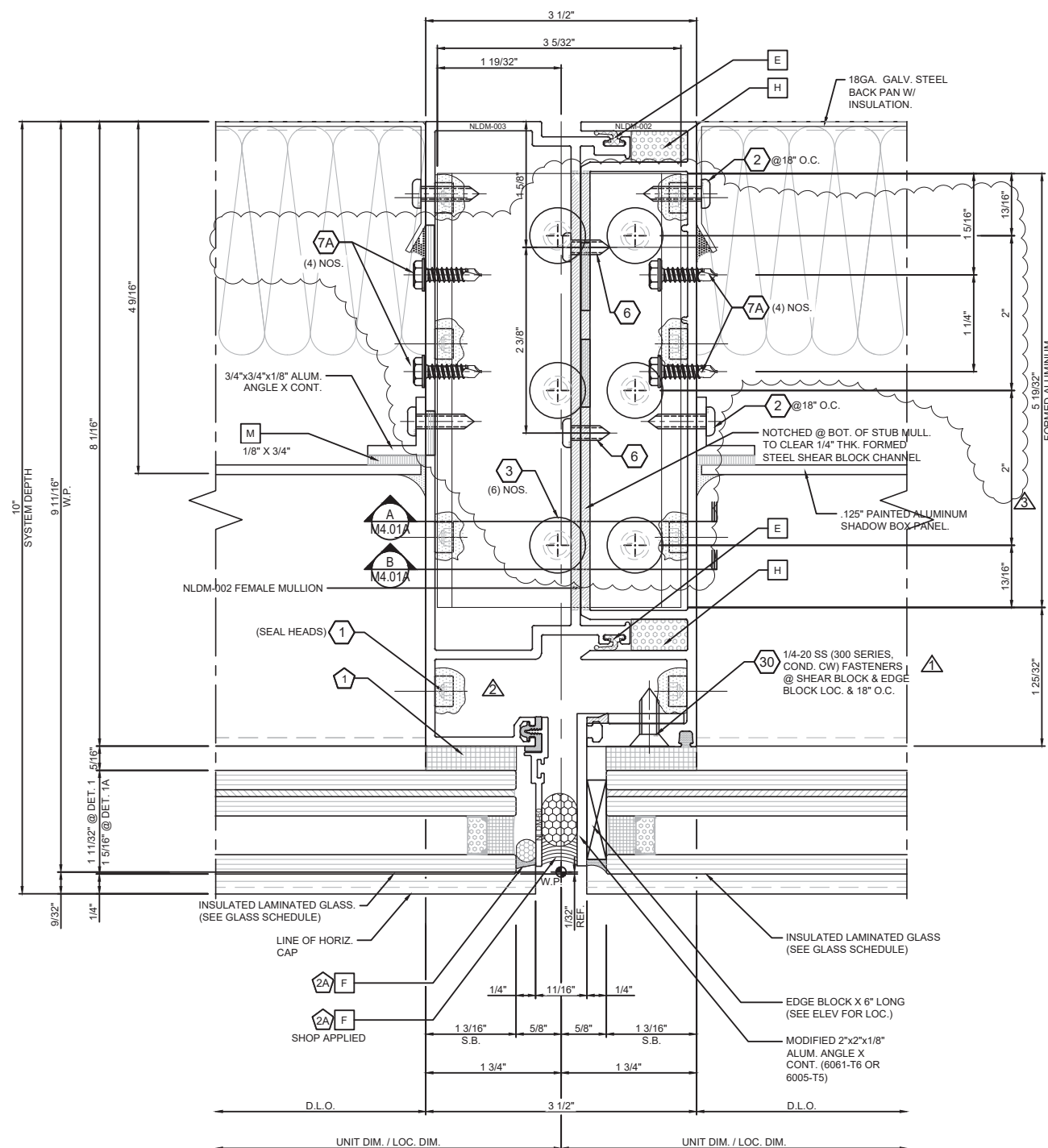
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PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
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WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

SERIES 8000 HIGH	
FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M4.01	





REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

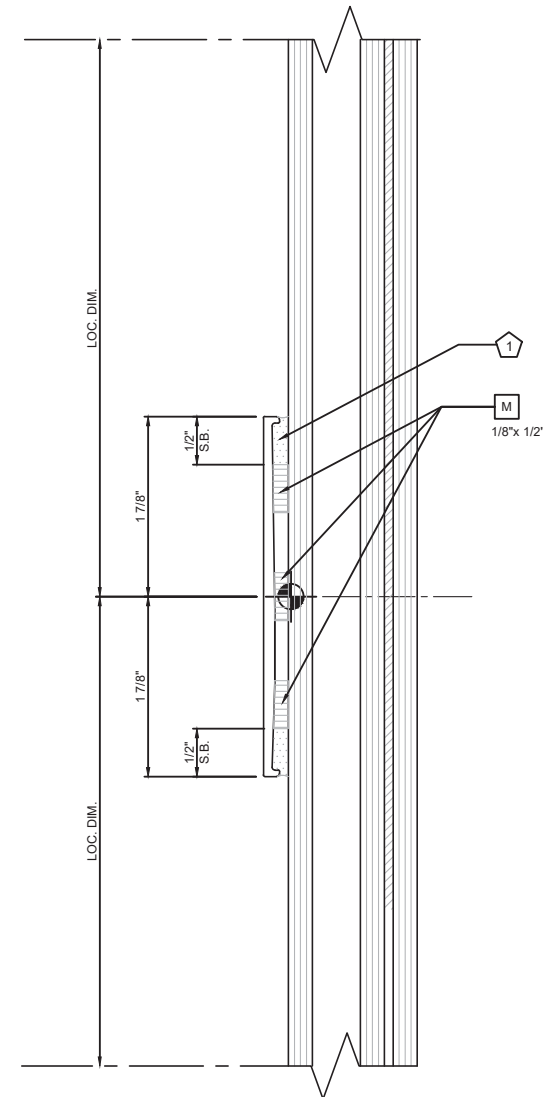
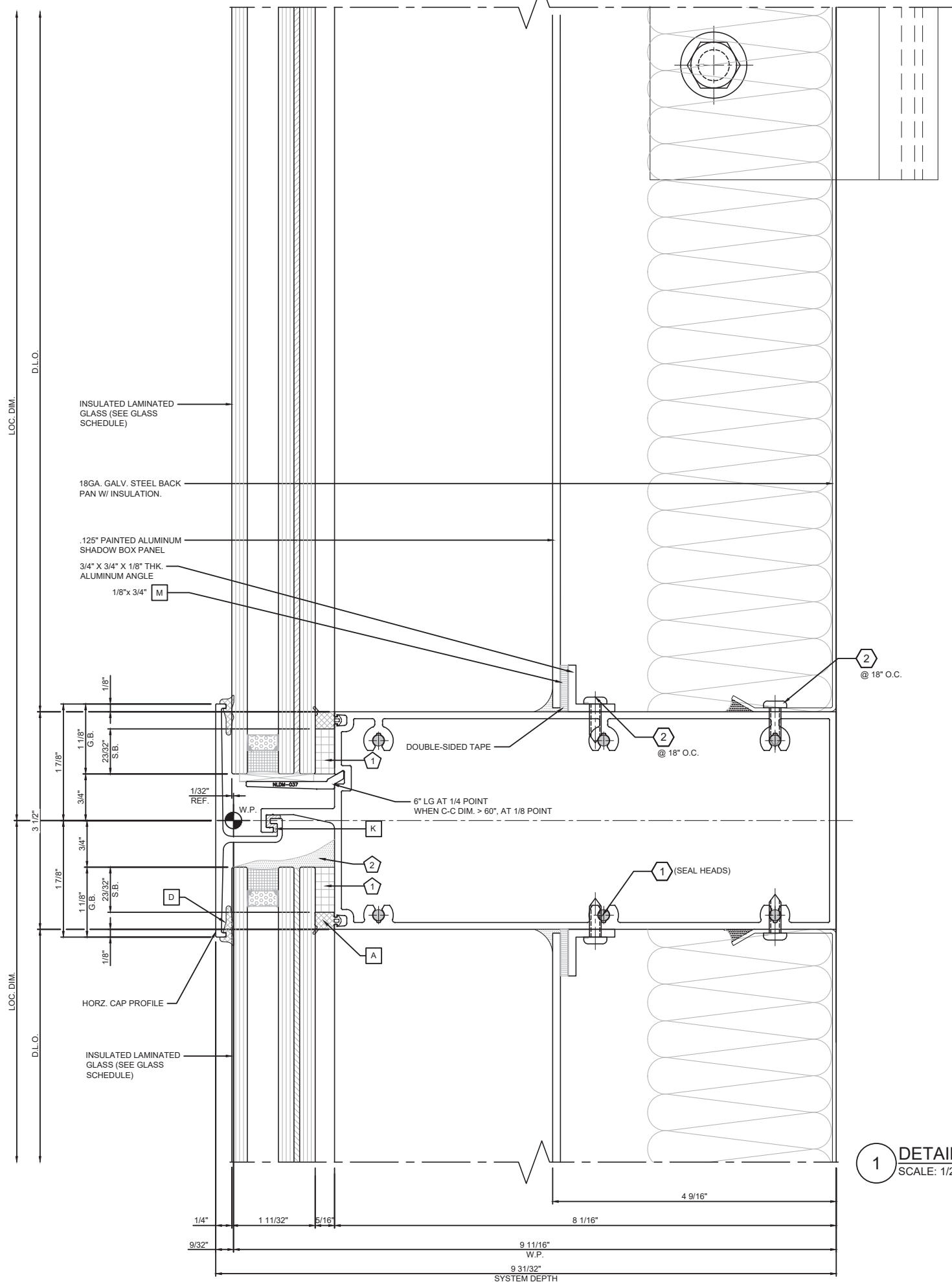
FLORIDA APPROVAL:
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

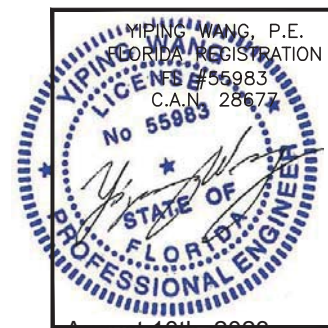
M4.01A

~~August 10th, 2023~~



A DETAIL @ FALSE HORIZONTAL
SCALE: 1/2

1 DETAIL @ INTERMEDIATE HOR. BELOW LEVEL 3 (SOUTH)
SCALE: 1/2



August 10th, 2023

REVISIONS	
NO.	DATE DESCRIPTION
R3	08.10.23 UPDATED TO PRC 2023

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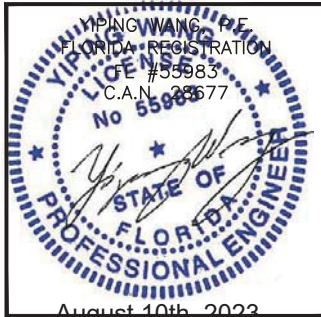
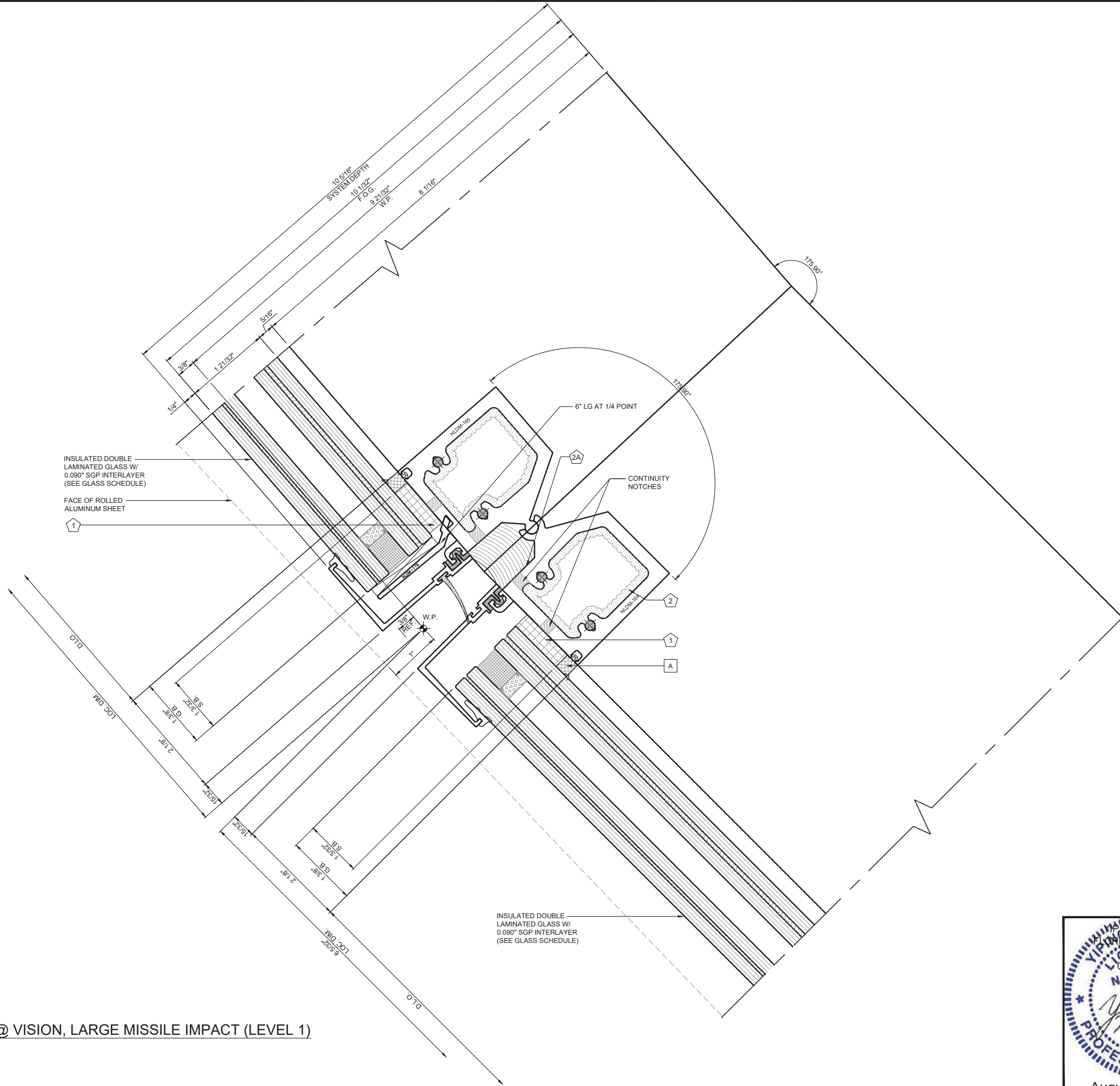
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SERIES 8000 HIGH PERFORMANCE UNITED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M5.01	

1 SEGMENTED WALL HORIZ. @ VISION, LARGE MISSILE IMPACT (LEVEL 1)
SCALE: 1/2



August 10th, 2023

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

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P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL:
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M5.02

MCY ENGINEERING, INC.
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12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
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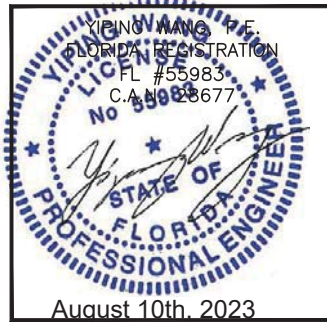
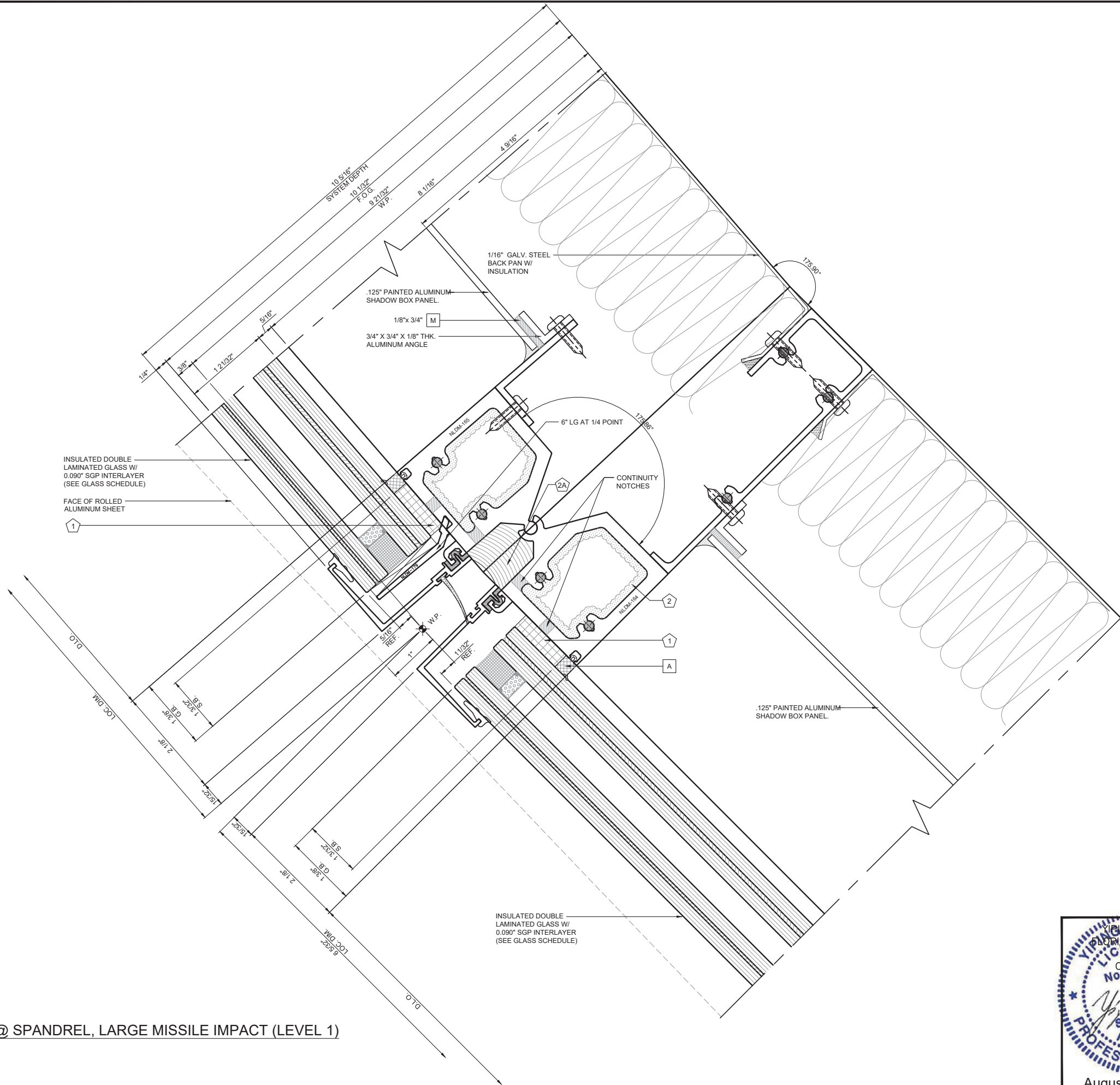
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REVISIONS

NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO PRC 2023

1 SEGMENTED WALL HORIZ. @ SPANDREL, LARGE MISSILE IMPACT (LEVEL 1)

SCALE: 1/2



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N.R. ARCHITECTURAL PRODUCTS, INC.
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

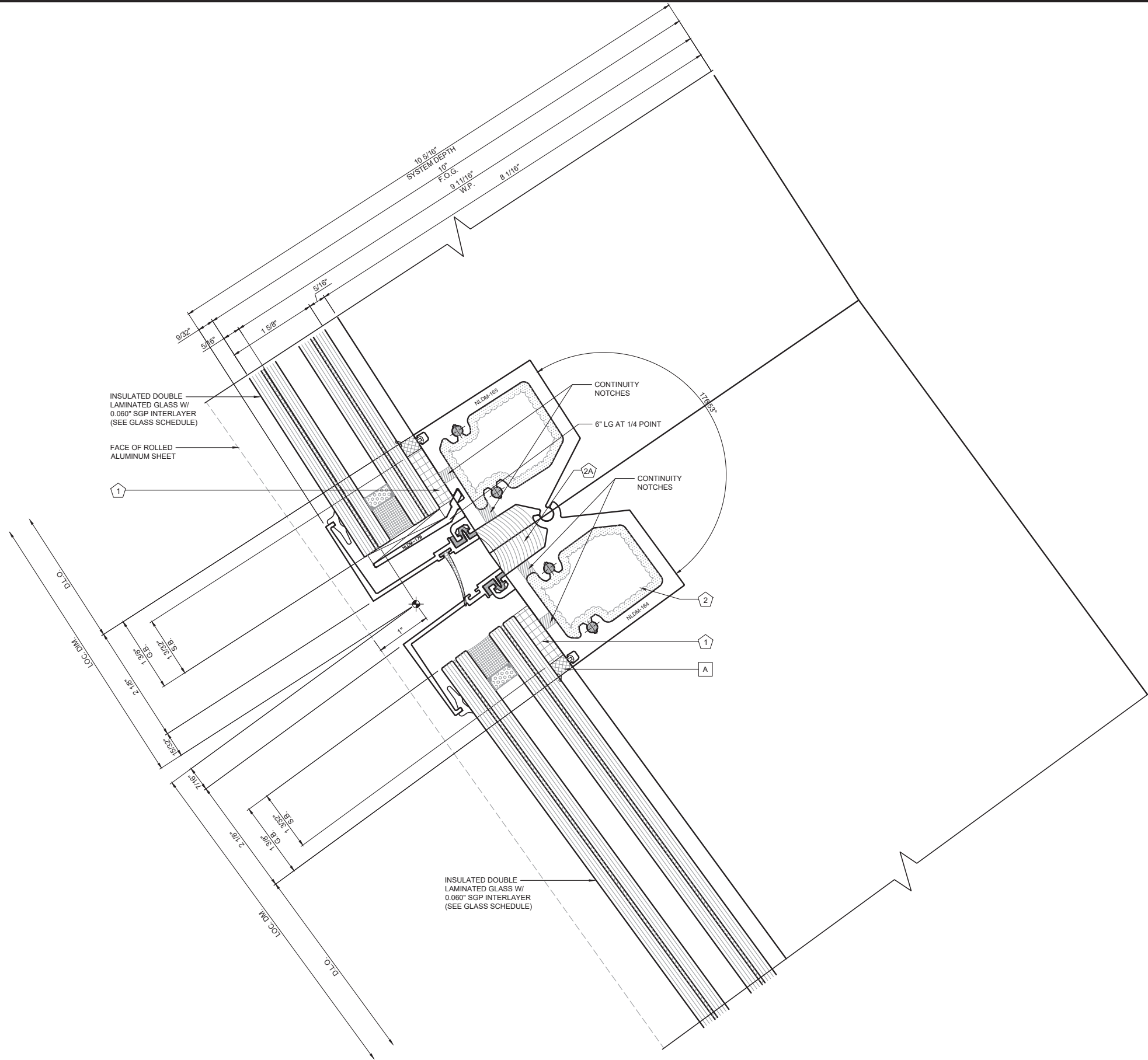
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REVISIONS	
NO.	DATE
R3	08.10.23
DESCRIPTION	
UPDATED TO FPC 2023	

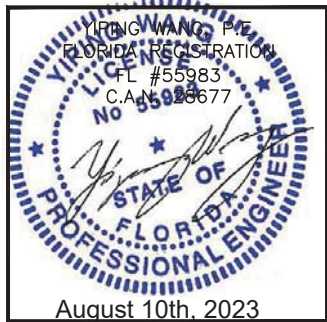
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1 SEGMENTED WALL HORIZ. @ VISION, SMALL MISSILE IMPACT (LEVEL 2)
SCALE: FULL



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4348 WESTROADS DRIVE
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P: (561) 844 - 1121 F: (561) 844 - 6131

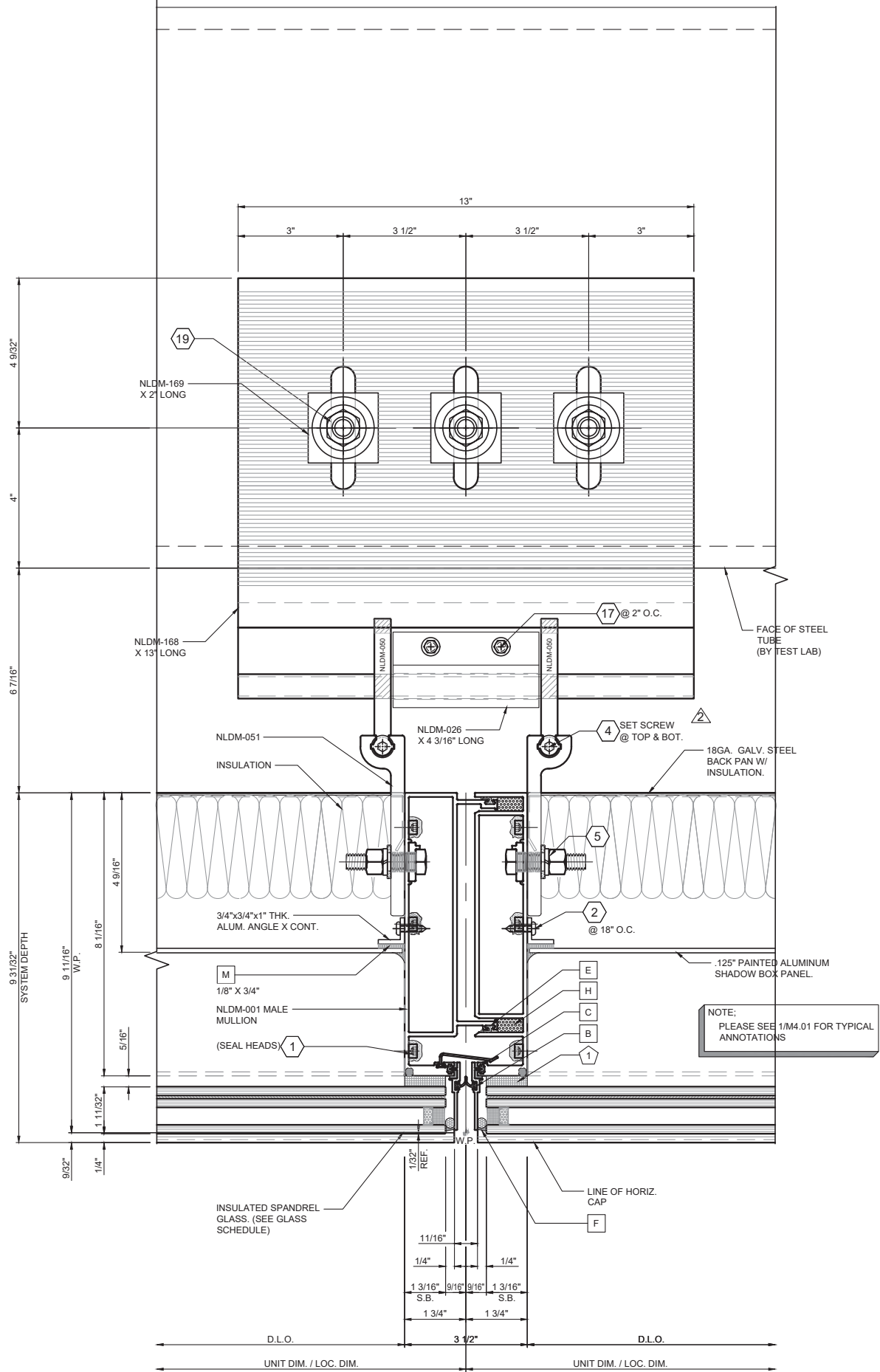
FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M5.03	

MCY

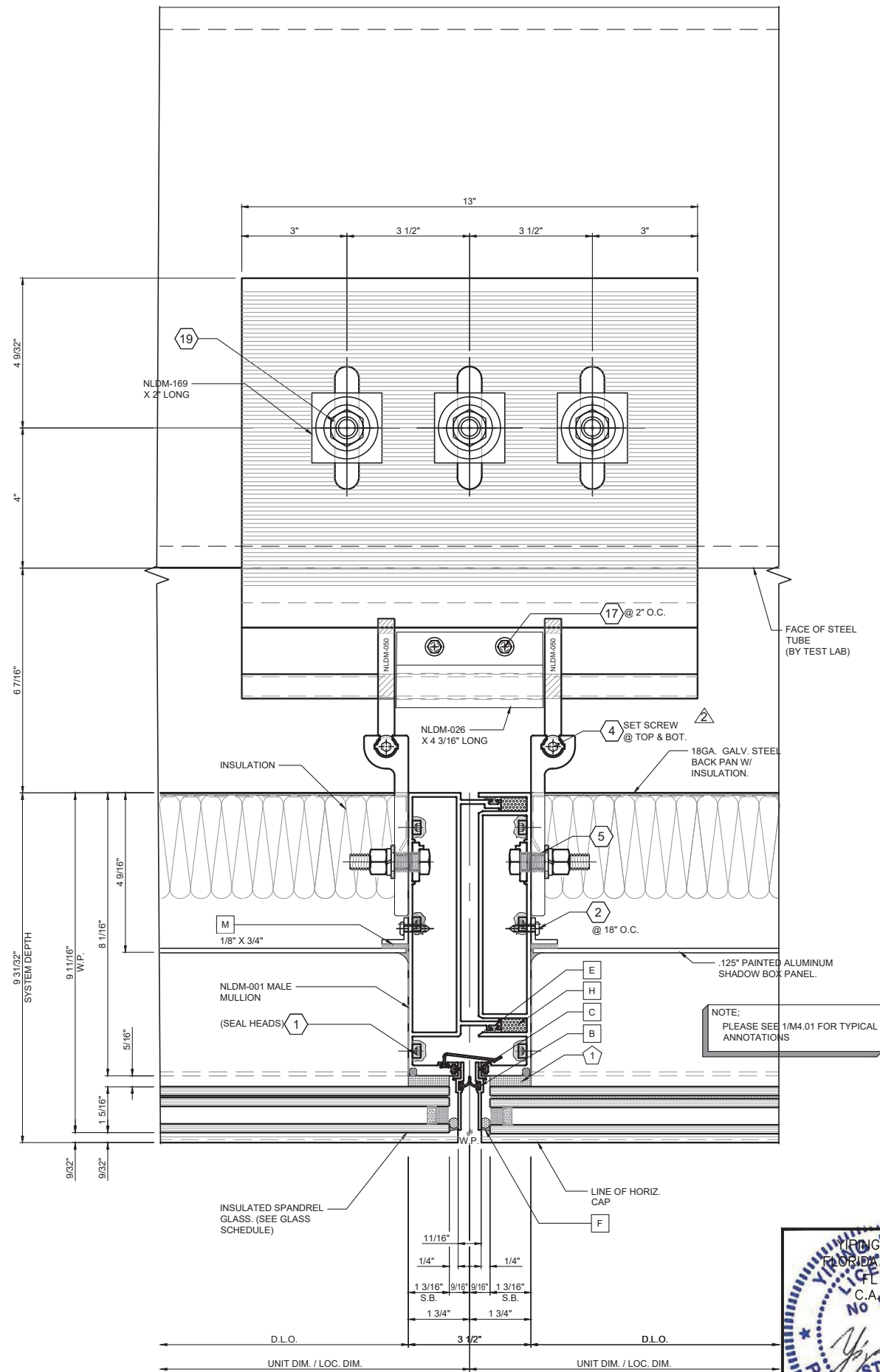
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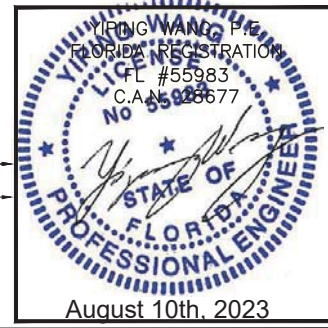
REVISIONS	
NO.	DATE DESCRIPTION
R3	08.10.23 UPDATED TO FBC 2023



1 TYP. ANCHOR DETAIL - FLAT WALL (LMI)
SCALE: 1/4



2 TYP. ANCHOR DETAIL - FLAT WALL (SMI)
SCALE: 1/4



REVISIONS	
NO.	DESCRIPTION
03	06.10.23 UPDATED TO FBC 2023

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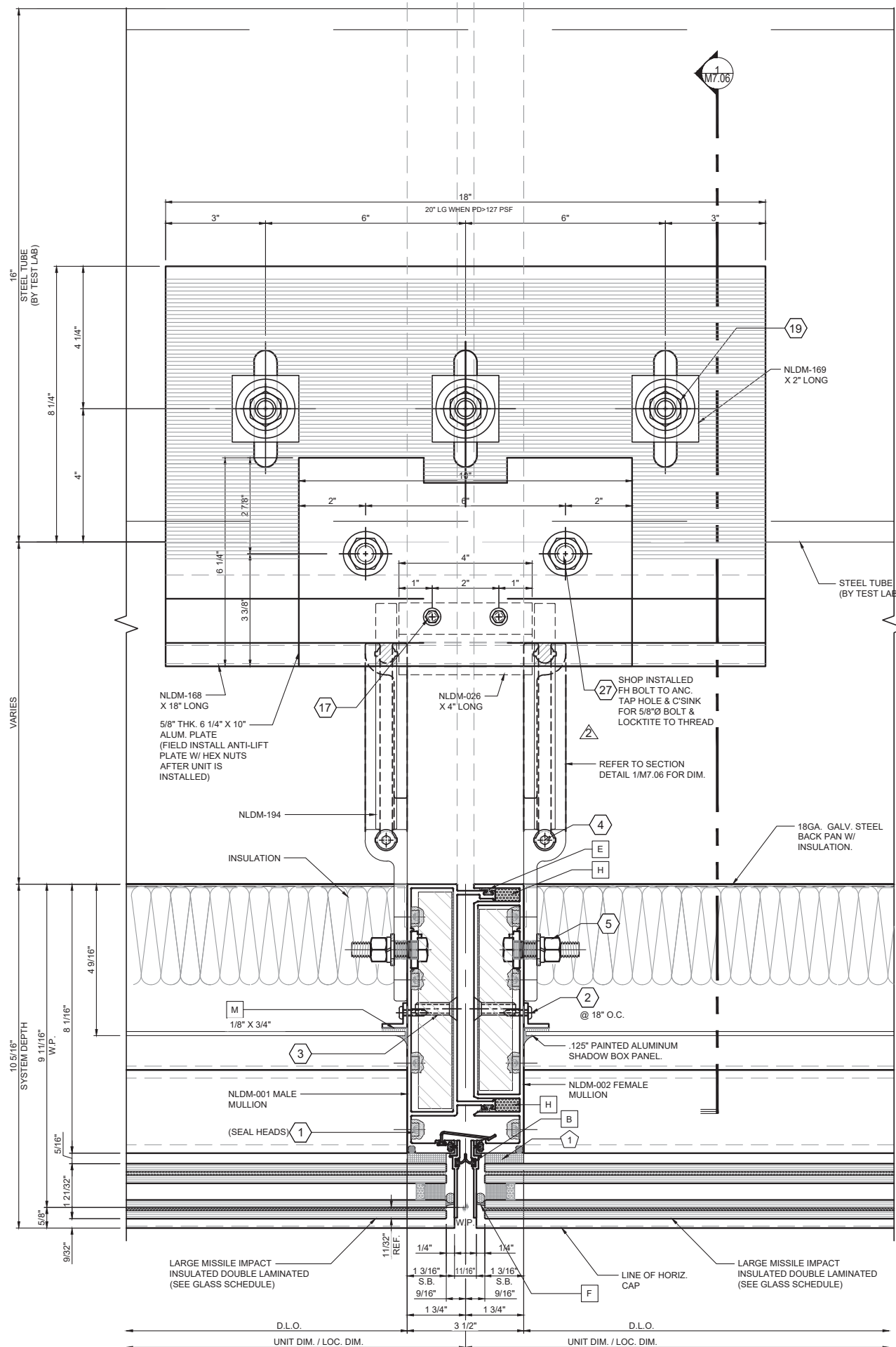
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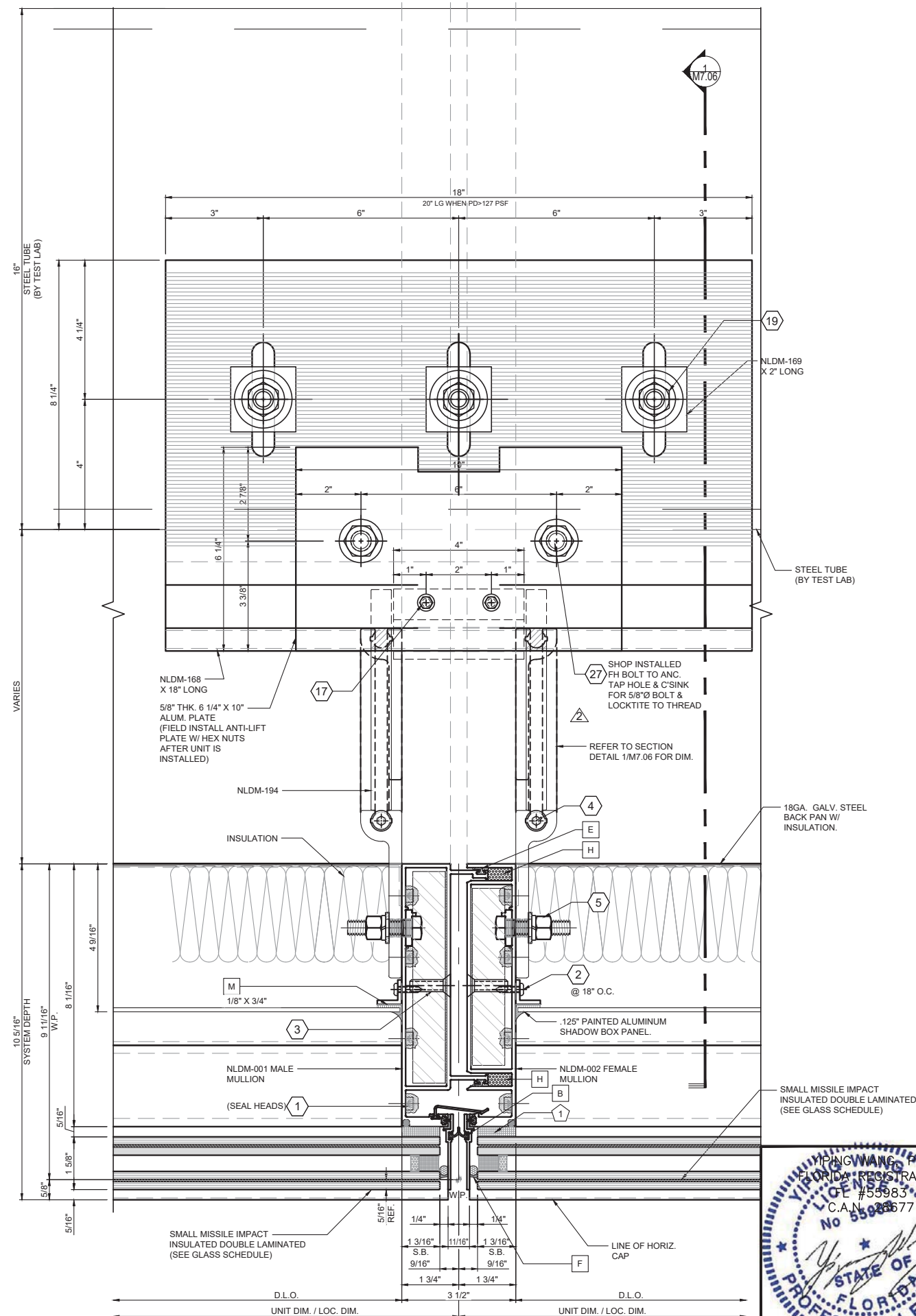
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

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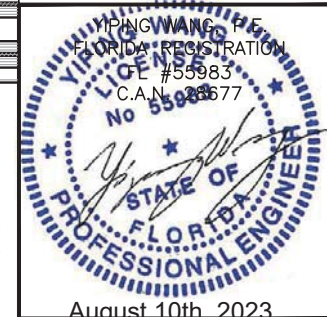
FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M6.01	



1 ANCHOR PLAN DETAIL @ (SEGMENTED CW) LMI
SCALE: 1/4



2 ANCHOR PLAN DETAIL @ (SEGMENTED CW) SMI
SCALE: 1/4



NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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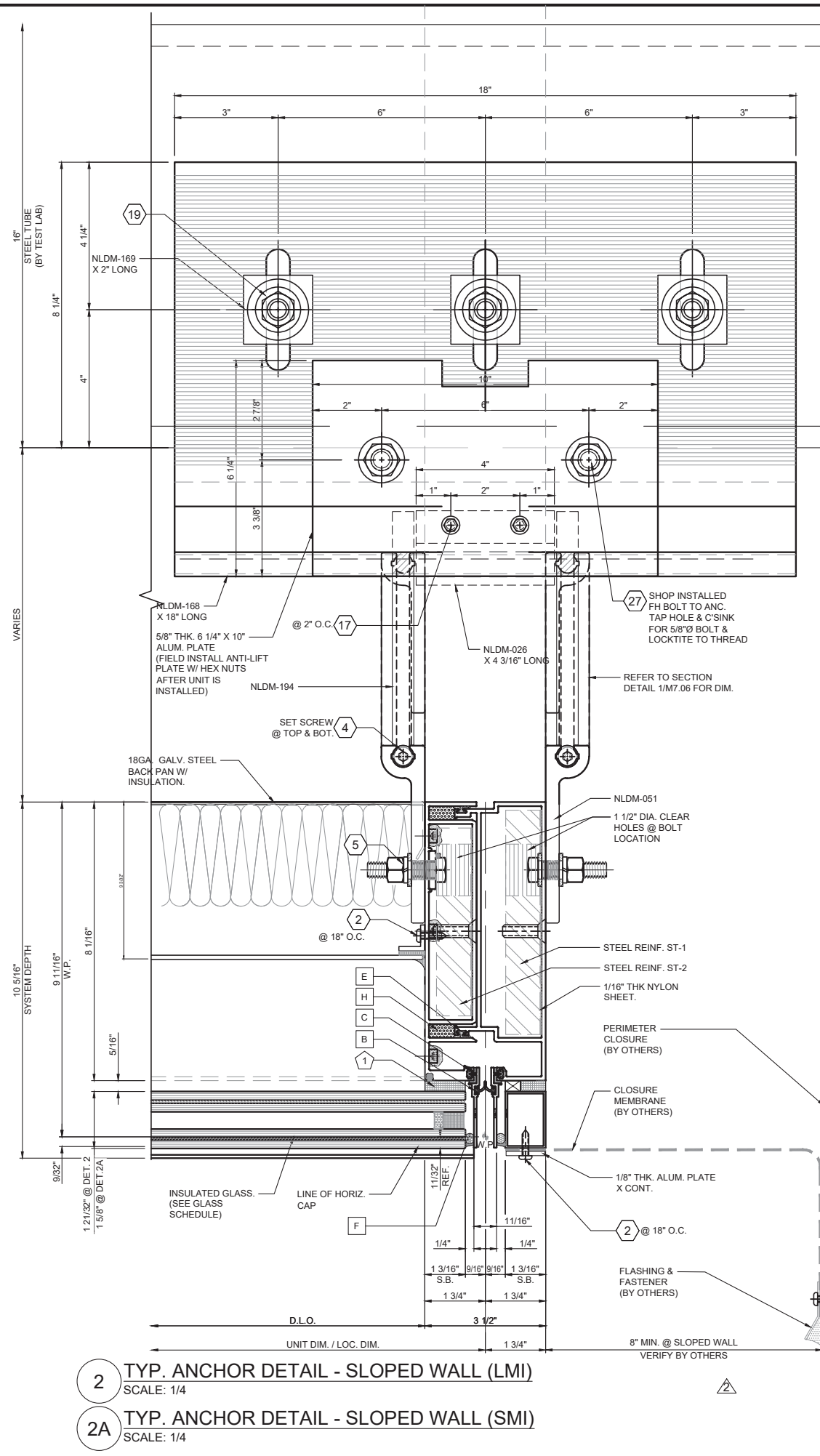
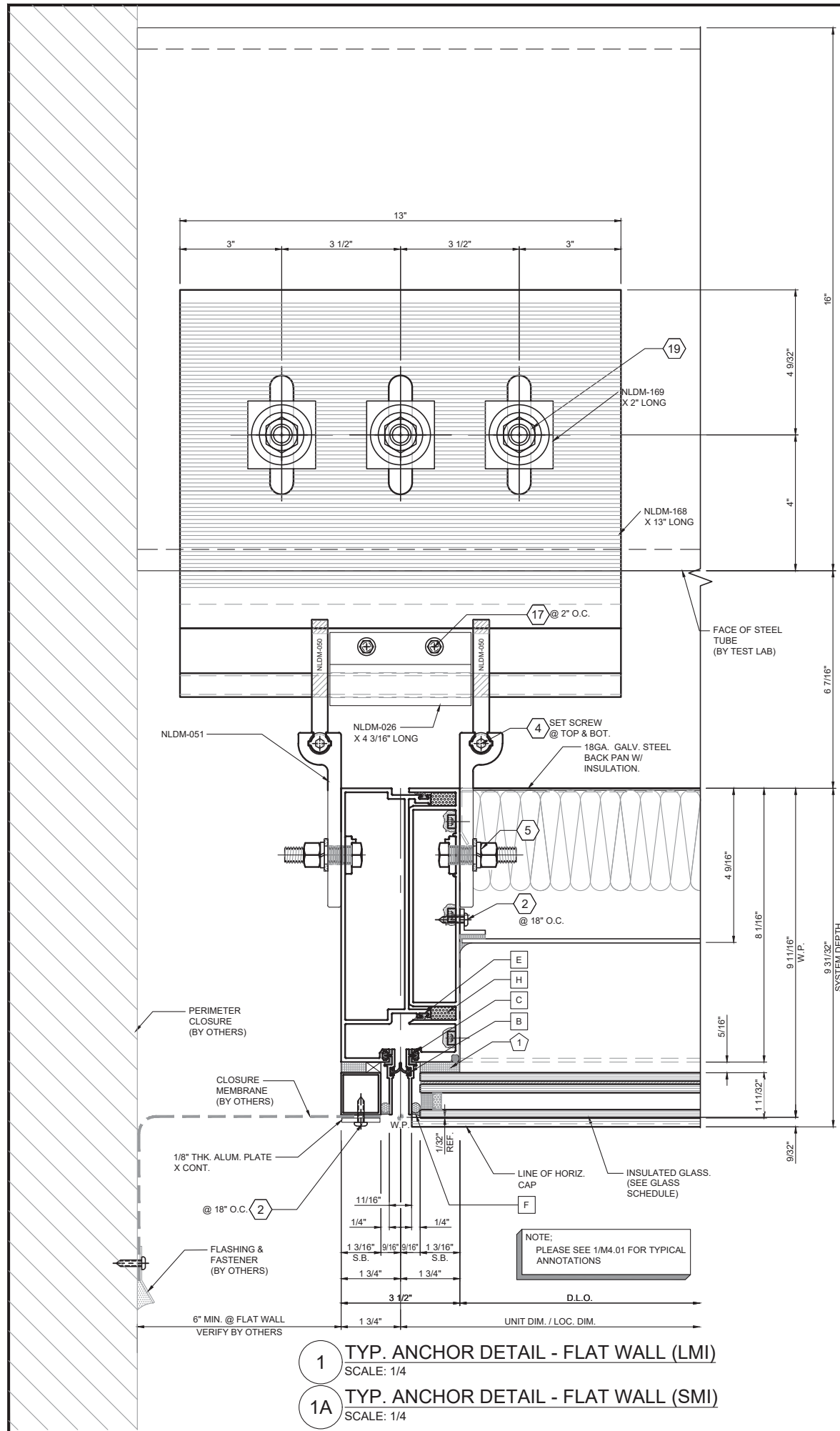
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4348 WESTROADS DRIVE
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P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M6.02	



REVISIONS		
NO.	DATE	DESCRIPTION
R3	06.10.23	UPDATED TO FBC 2023

MCY

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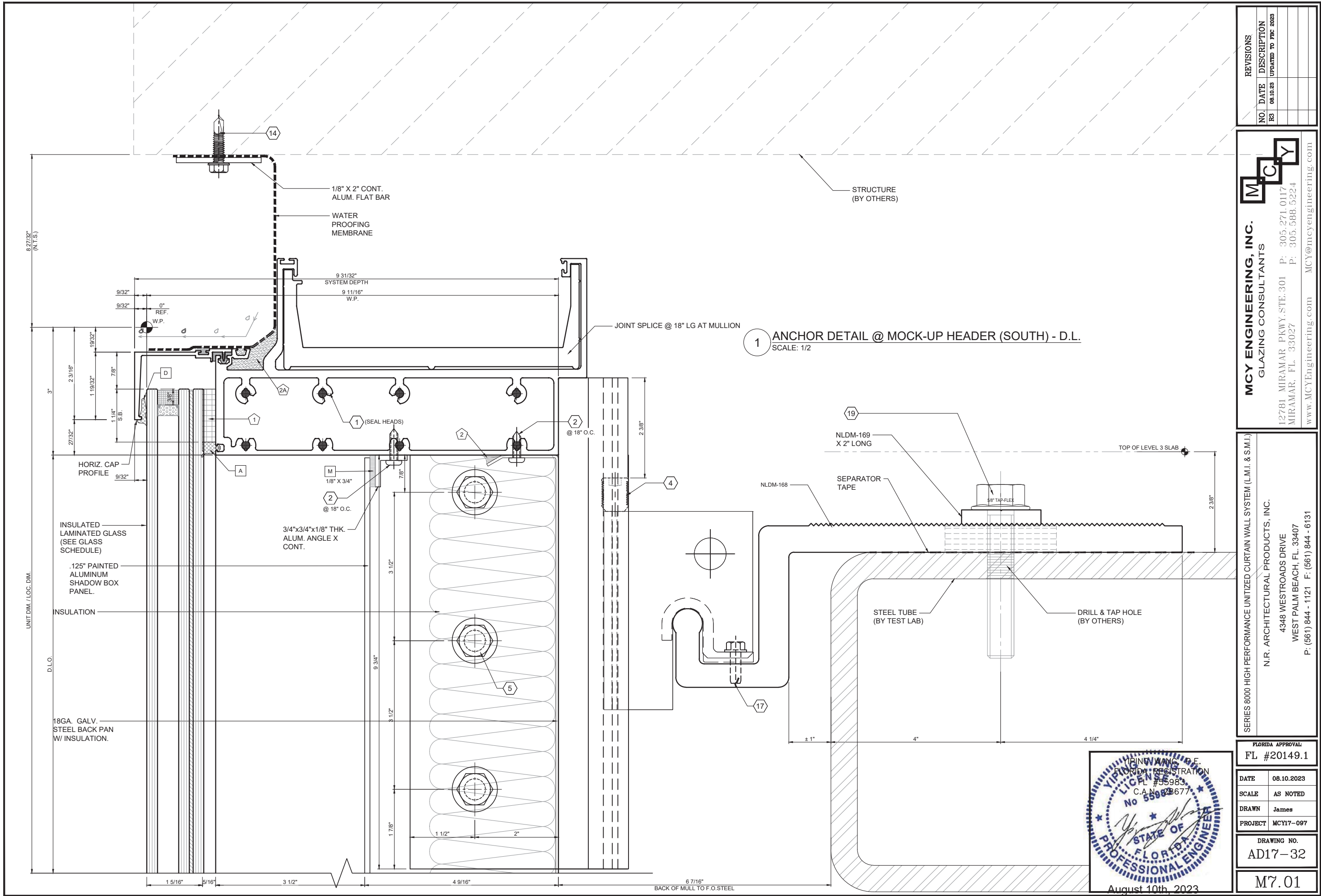
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MIRAMAR, FL 33027 P: 305.588.5224

www.MCYEngineering.com MCY@mcyengineering.com

SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M6.04	



REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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FLORIDA APPROVAL:
FL #20149.1

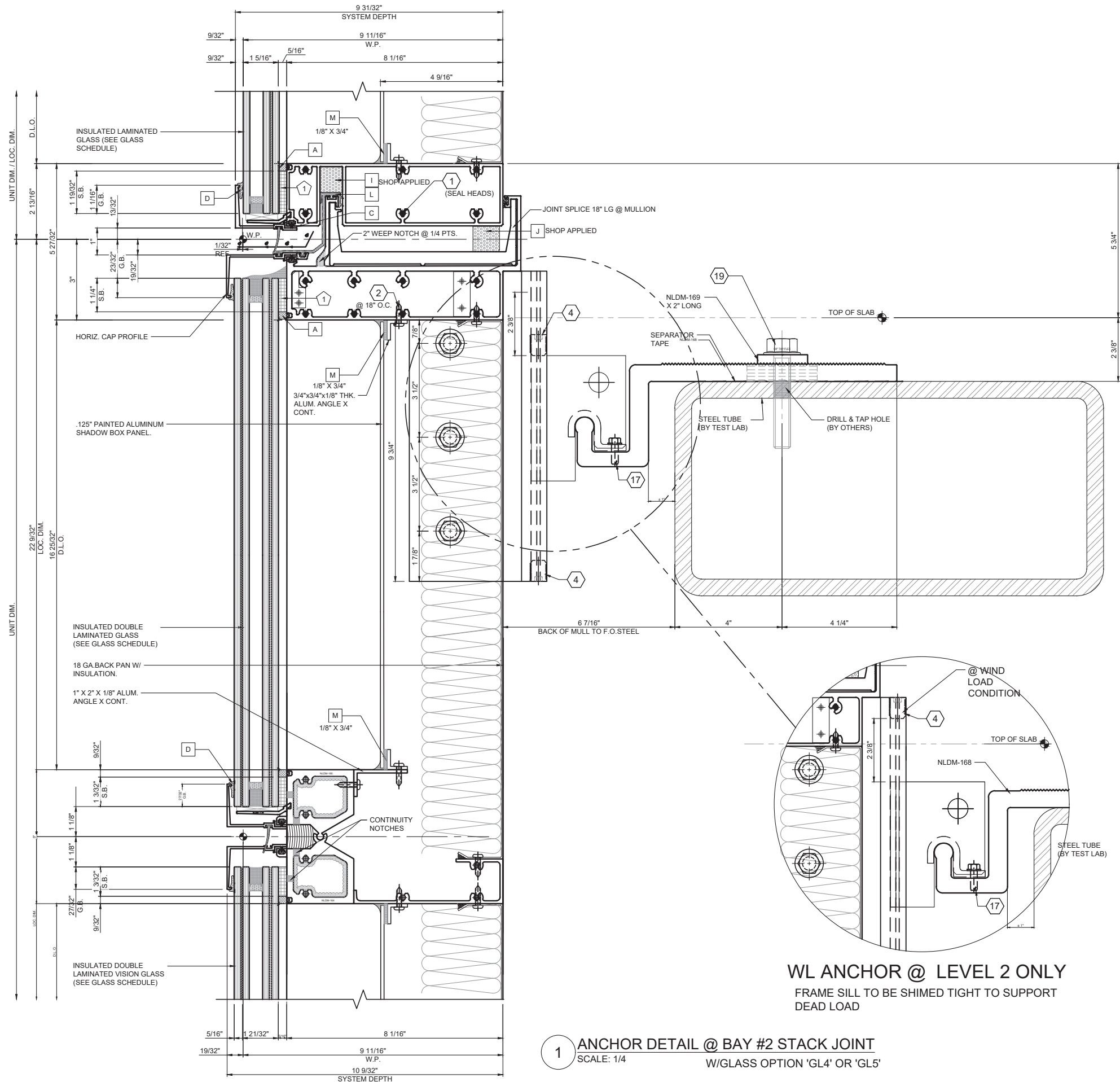
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M7.01

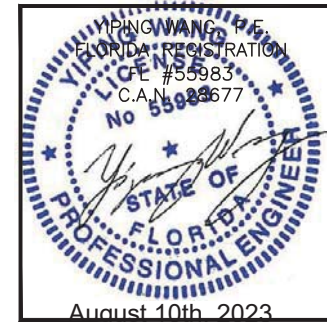


August 10th, 2023



1 ANCHOR DETAIL @ BAY #2 STACK JOINT
SCALE: 1/4" = 1'-0"
W/GLASS OPTION 'GL4' OR 'GL5'

WL ANCHOR @ LEVEL 2 ONLY
FRAME SILL TO BE SHIMED TIGHT TO SUPPORT DEAD LOAD



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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

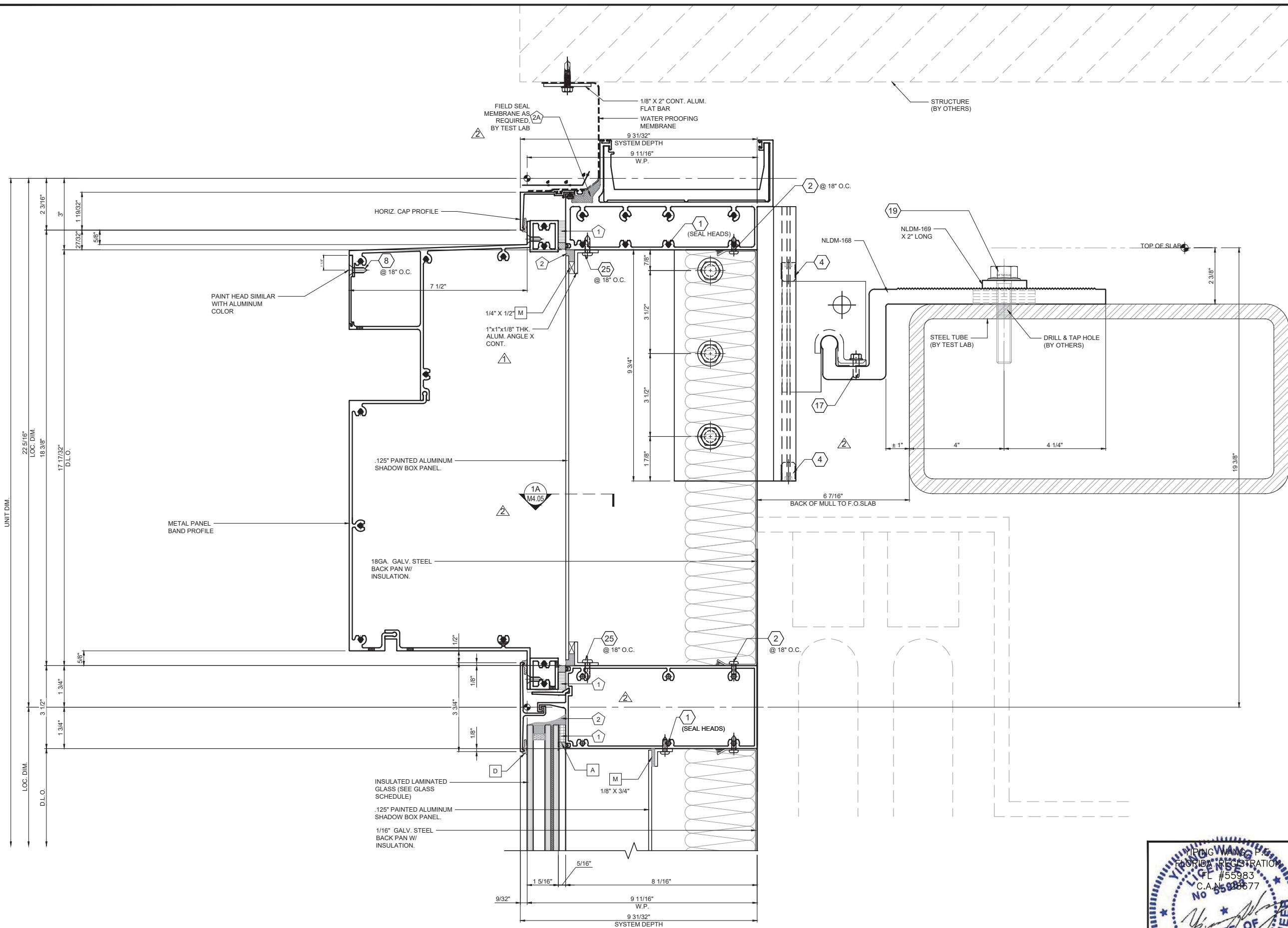
DRAWING NO.
AD17-32

M7.02

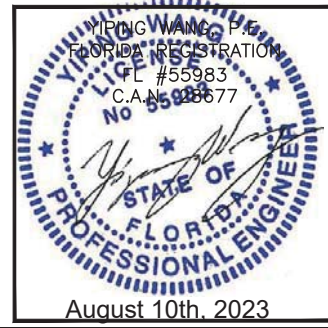
REVISIONS	
NO.	DATE
R3	08.10.23
DESCRIPTION	
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1 ANCHOR DETAIL @ MOCK UP HEADER - METAL PANEL BAND D.L.
SCALE: 1/4



REVISIONS		
NO.	DATE	DESCRIPTION
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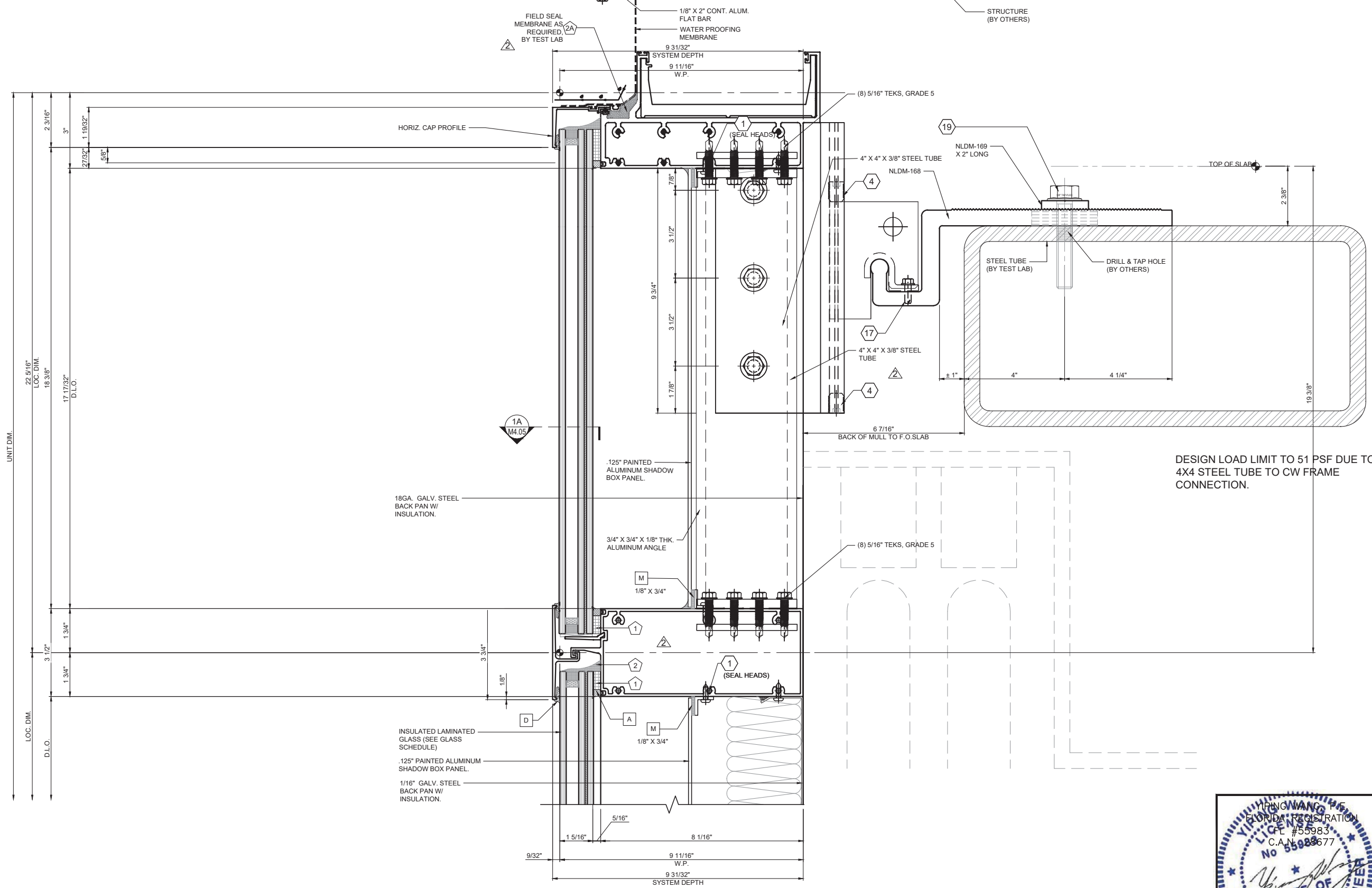
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FLORIDA APPROVAL: FL #20149.1	
DATE	06.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M7.02A	



1 ANCHOR DETAIL @ MOCK UP HEADER
SCALE: 1/4



REVISIONS		
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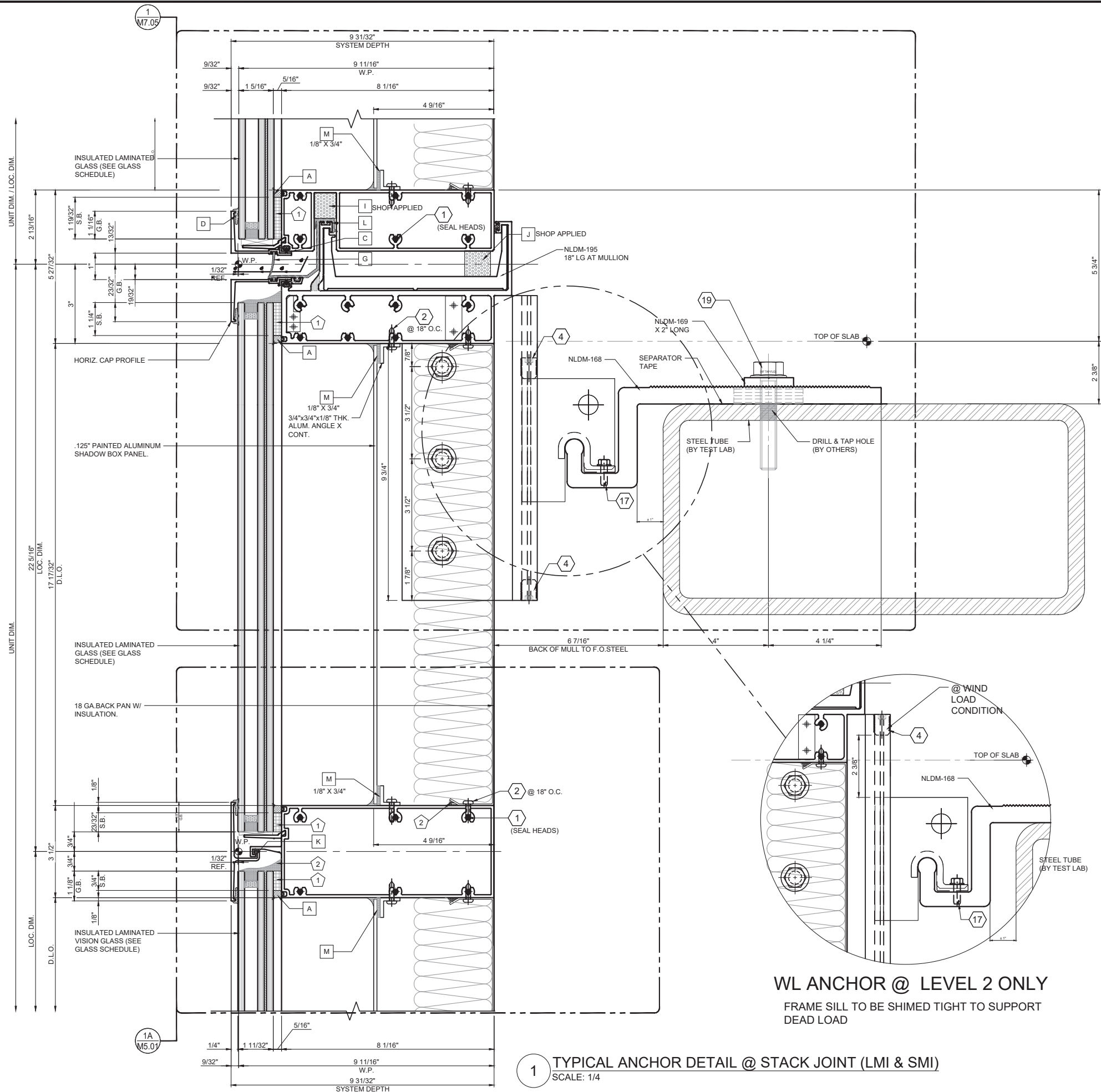
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

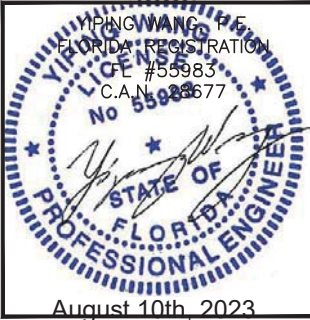
DRAWING NO.
AD17-32

M7.02B



WL ANCHOR @ LEVEL 2 ONLY
FRAME SILL TO BE SHIMED TIGHT TO SUPPORT DEAD LOAD

1 TYPICAL ANCHOR DETAIL @ STACK JOINT (LMI & SMI)
SCALE: 1/4"



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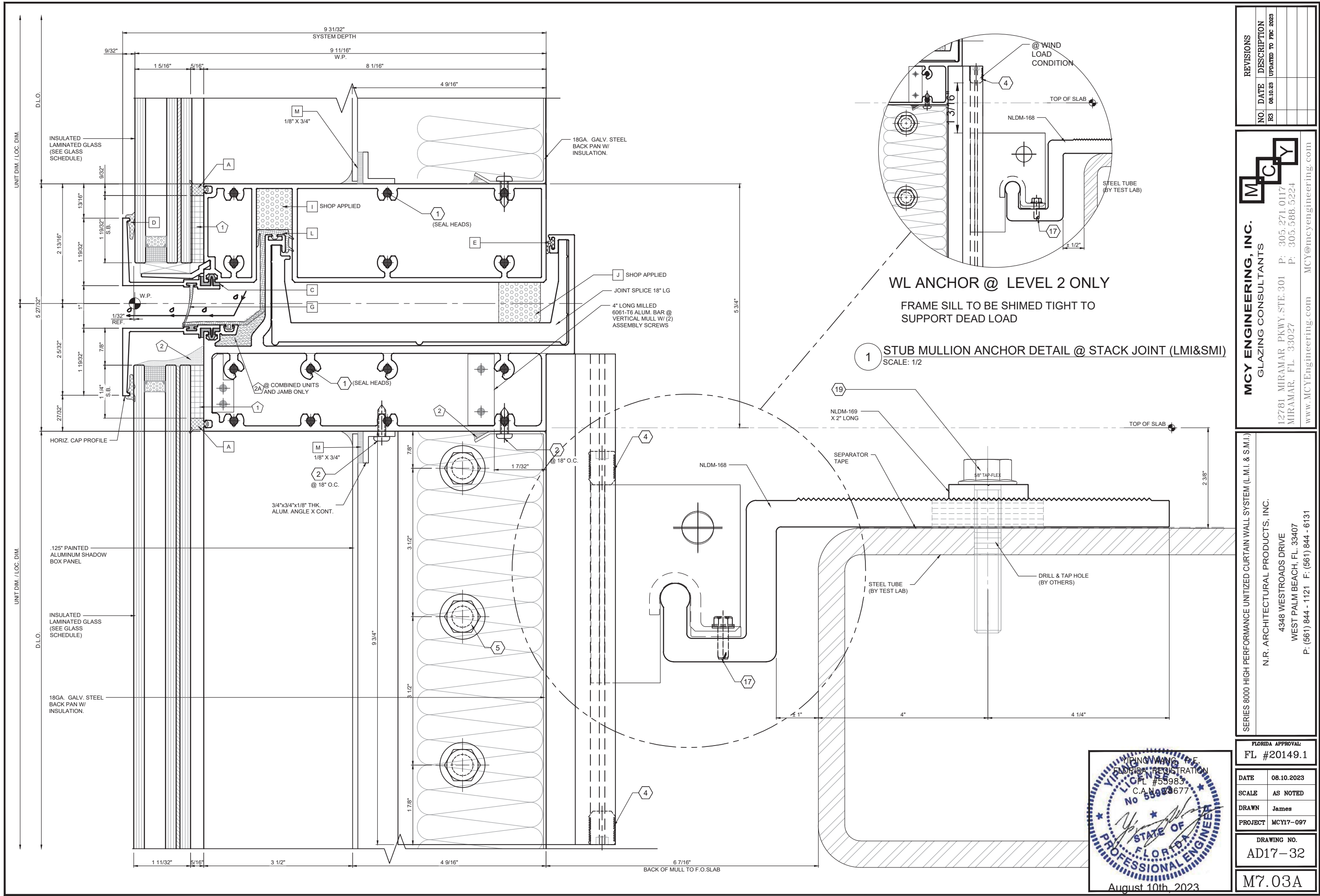
FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M7.03

REVISIONS	
NO.	DATE DESCRIPTION
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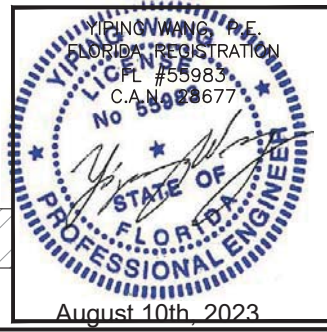
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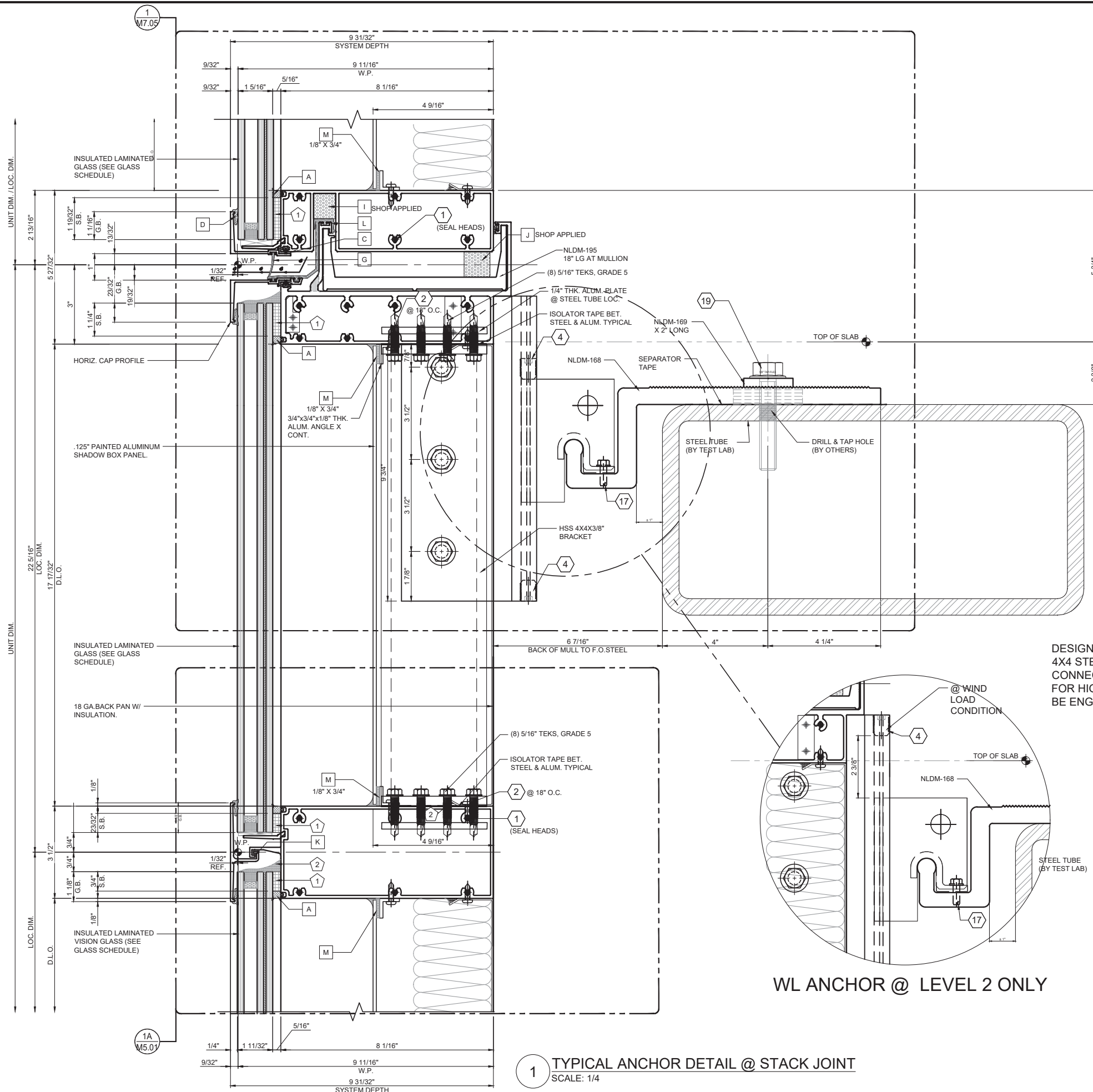
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
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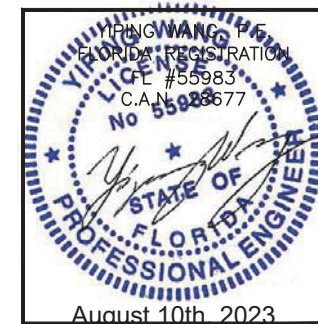




1 TYPICAL ANCHOR DETAIL @ STACK JOINT
SCALE: 1/4

DESIGN LOAD LIMIT TO 51 PSF DUE TO
4X4 STEEL TUBE TO CW FRAME
CONNECTION.
FOR HIGHER LOAD, CONNECTION TO
BE ENGINEERED SEPARATELY.

WL ANCHOR @ LEVEL 2 ONLY



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DATE	08.10.2023
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PROJECT	MCY17-097

DRAWING NO.
AD17-32

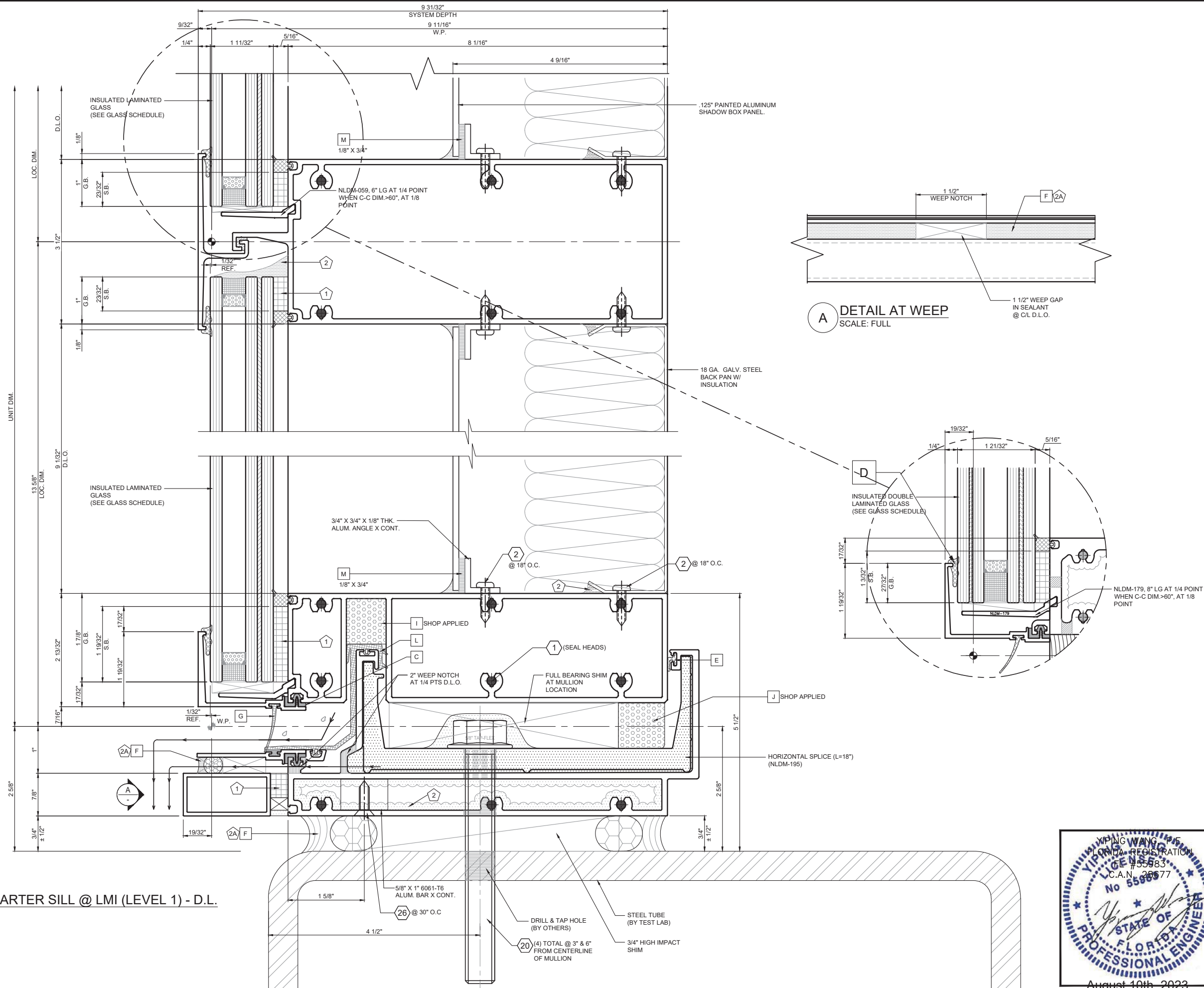
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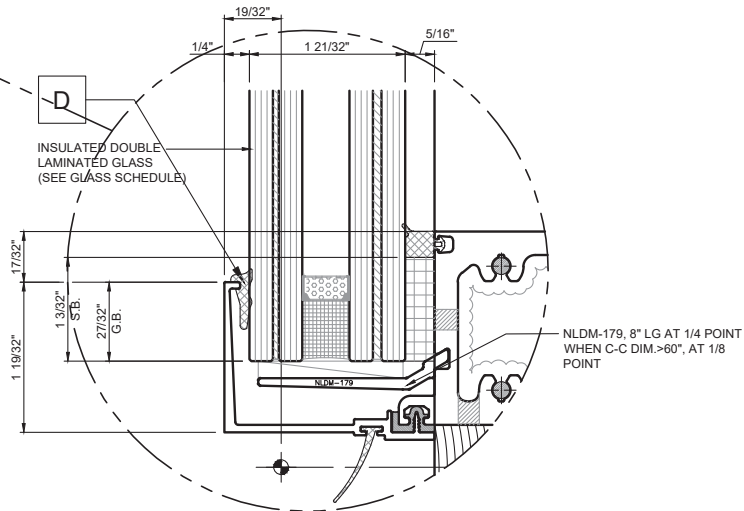
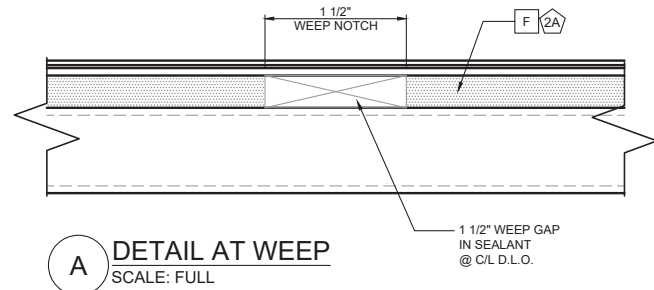
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REVISIONS	
NO.	DATE DESCRIPTION
R3	08.10.23 UPDATED TO PFC 2023



1 FLAT WALL STARTER SILL @ LMI (LEVEL 1) - D.L.
SCALE: 1/2



August 10th, 2023

REVISIONS	
NO.	DATE DESCRIPTION
R3	08.10.23 UPDATED TO FBC 2023

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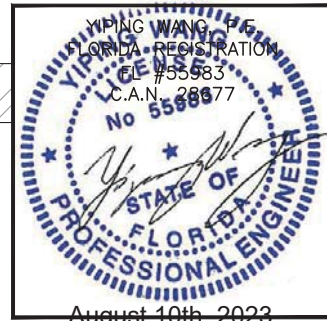
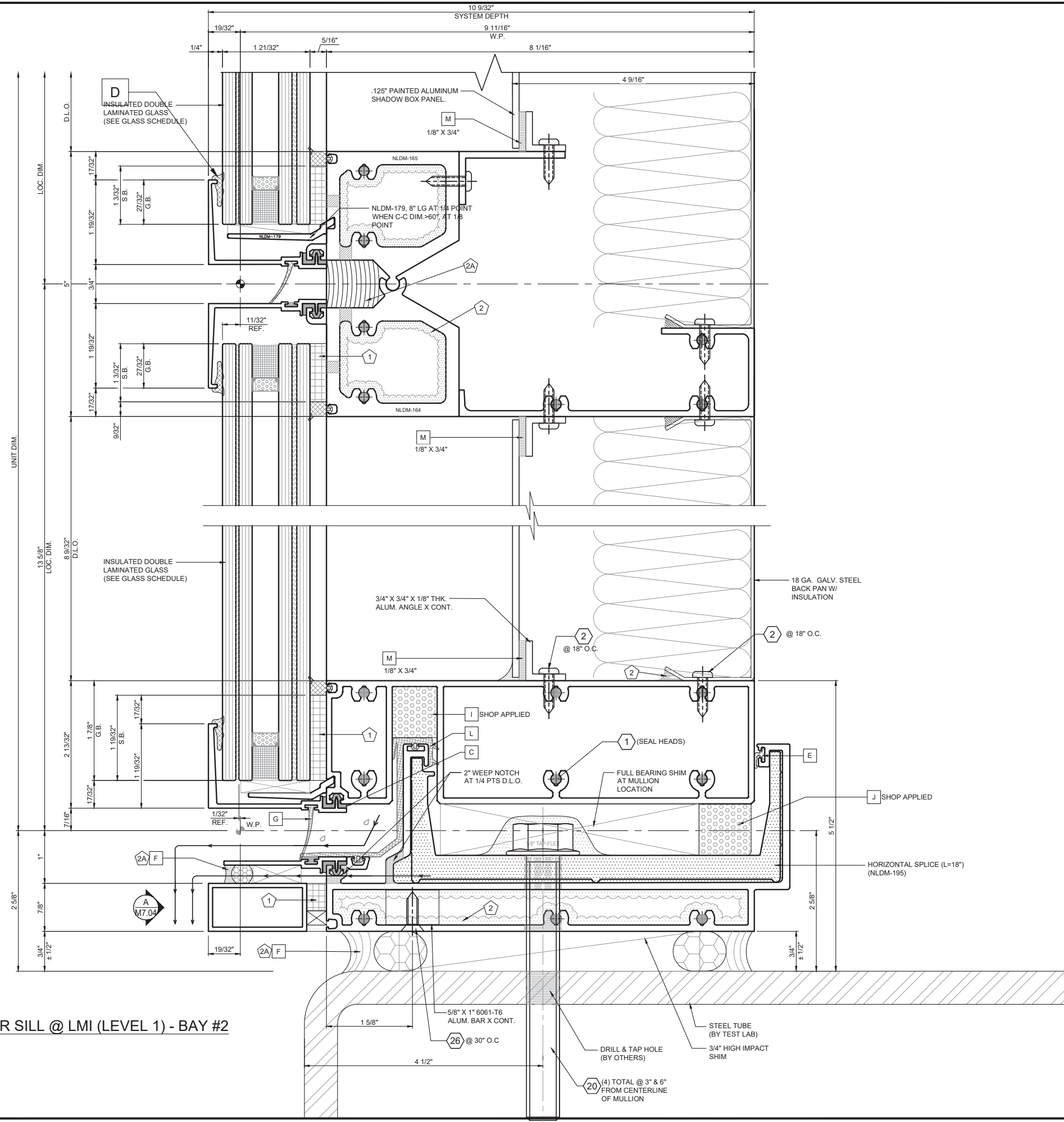
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P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M7.04	

1 FLAT WALL STARTER SILL @ LMI (LEVEL 1) - BAY #2
SCALE: 1/2



August 10th, 2023

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FLORIDA APPROVAL:
FL #20149.1

DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

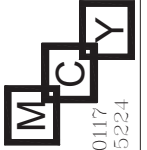
M7.04A

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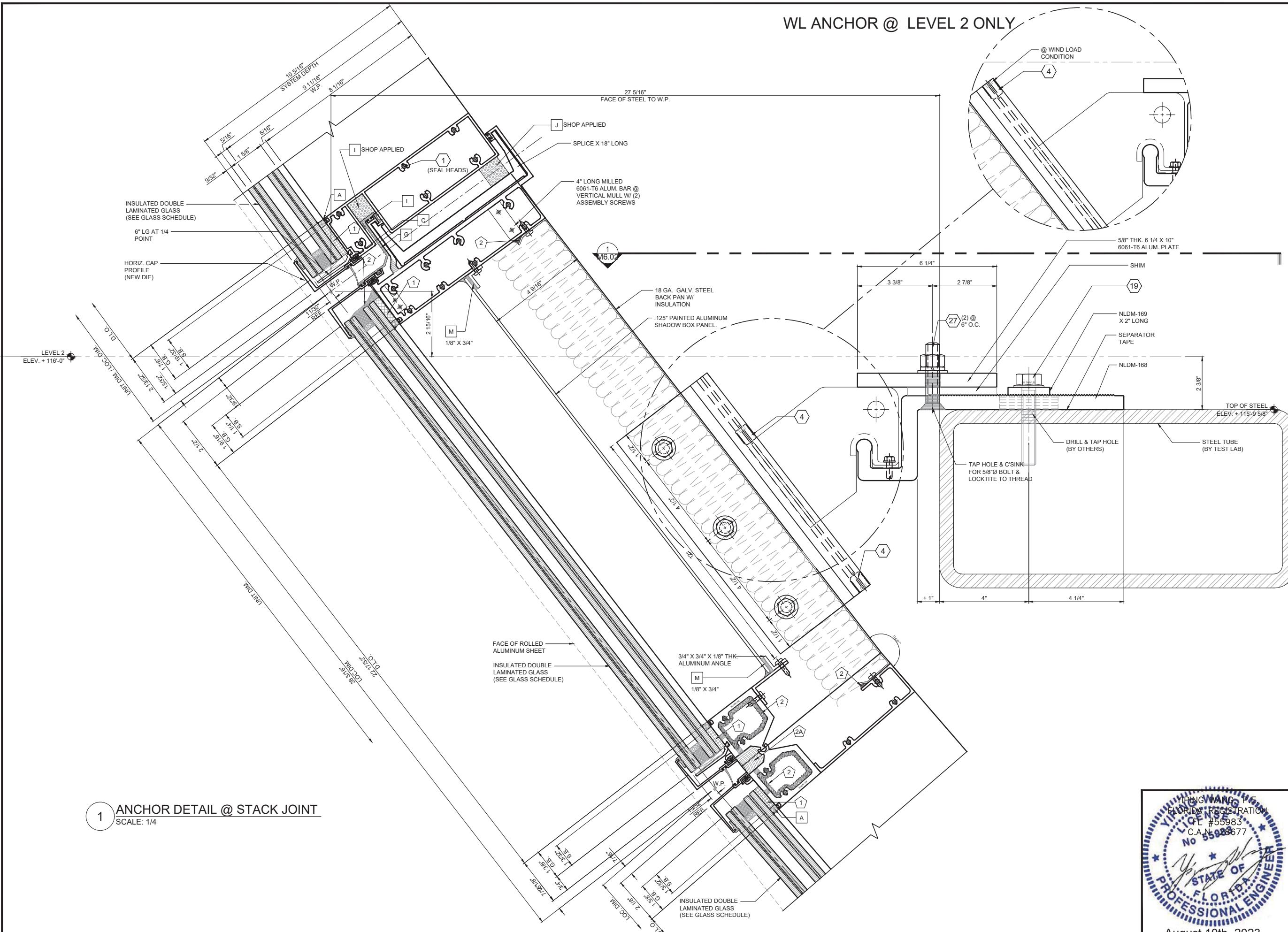
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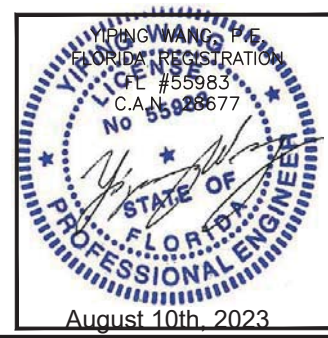


NO.	DATE	DESCRIPTION
03	08.10.23	UPDATED TO FBC 2023

WL ANCHOR @ LEVEL 2 ONLY



1 ANCHOR DETAIL @ STACK JOINT
SCALE: 1/4



REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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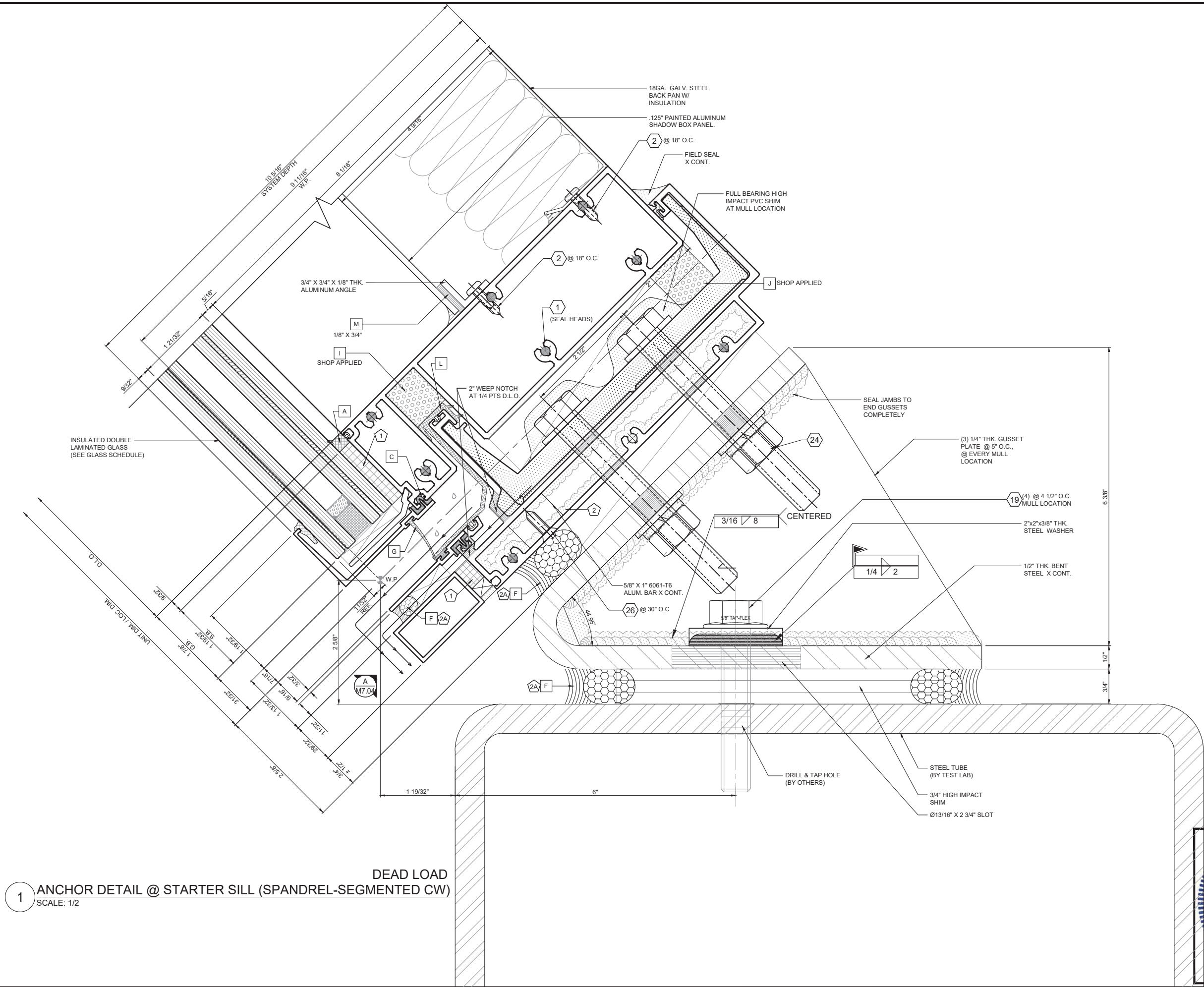
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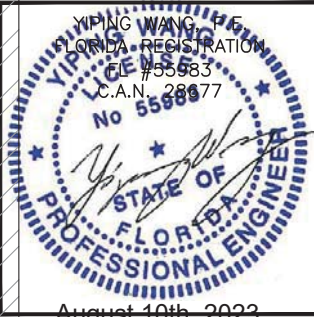
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M7.06	



1 ANCHOR DETAIL @ STARTER SILL (SPANDREL-SEGMENTED CW)
SCALE: 1/2



August 10th, 2023

REVISIONS	
NO.	DATE DESCRIPTION
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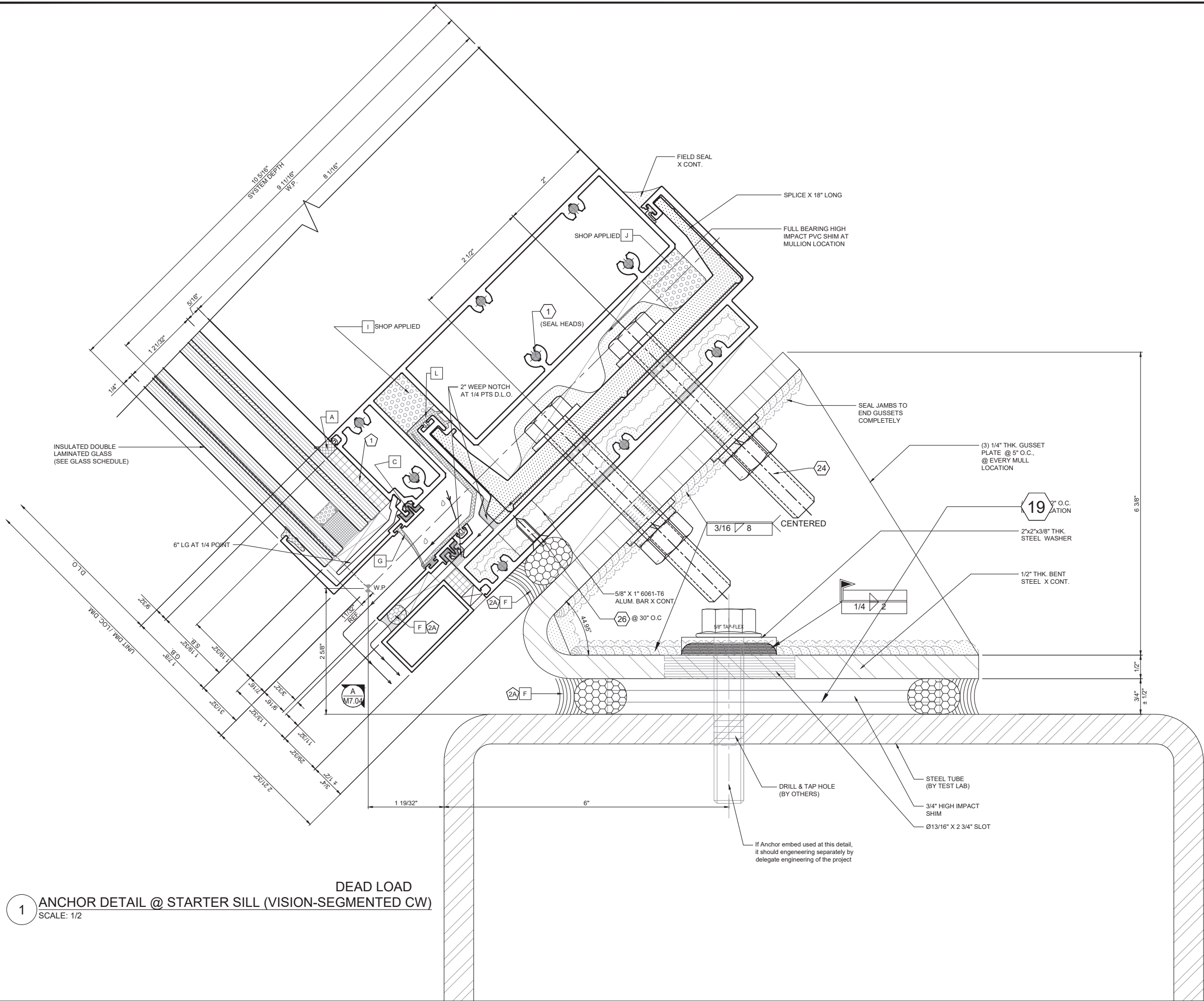
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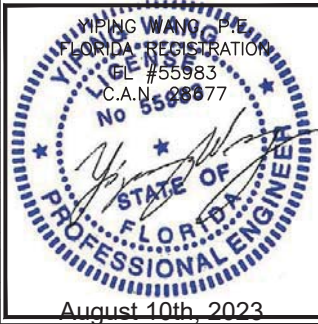
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M7.07A	



1 ANCHOR DETAIL @ STARTER SILL (VISION-SEGMENTED CW)
SCALE: 1/2



August 10th, 2023

REVISIONS		
NO.	DATE	DESCRIPTION
13	08.10.23	UPDATED TO PFC 2023

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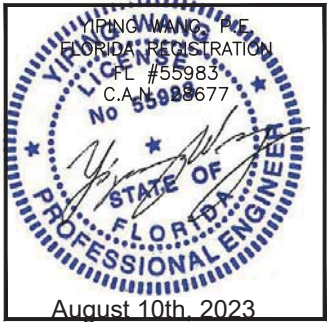
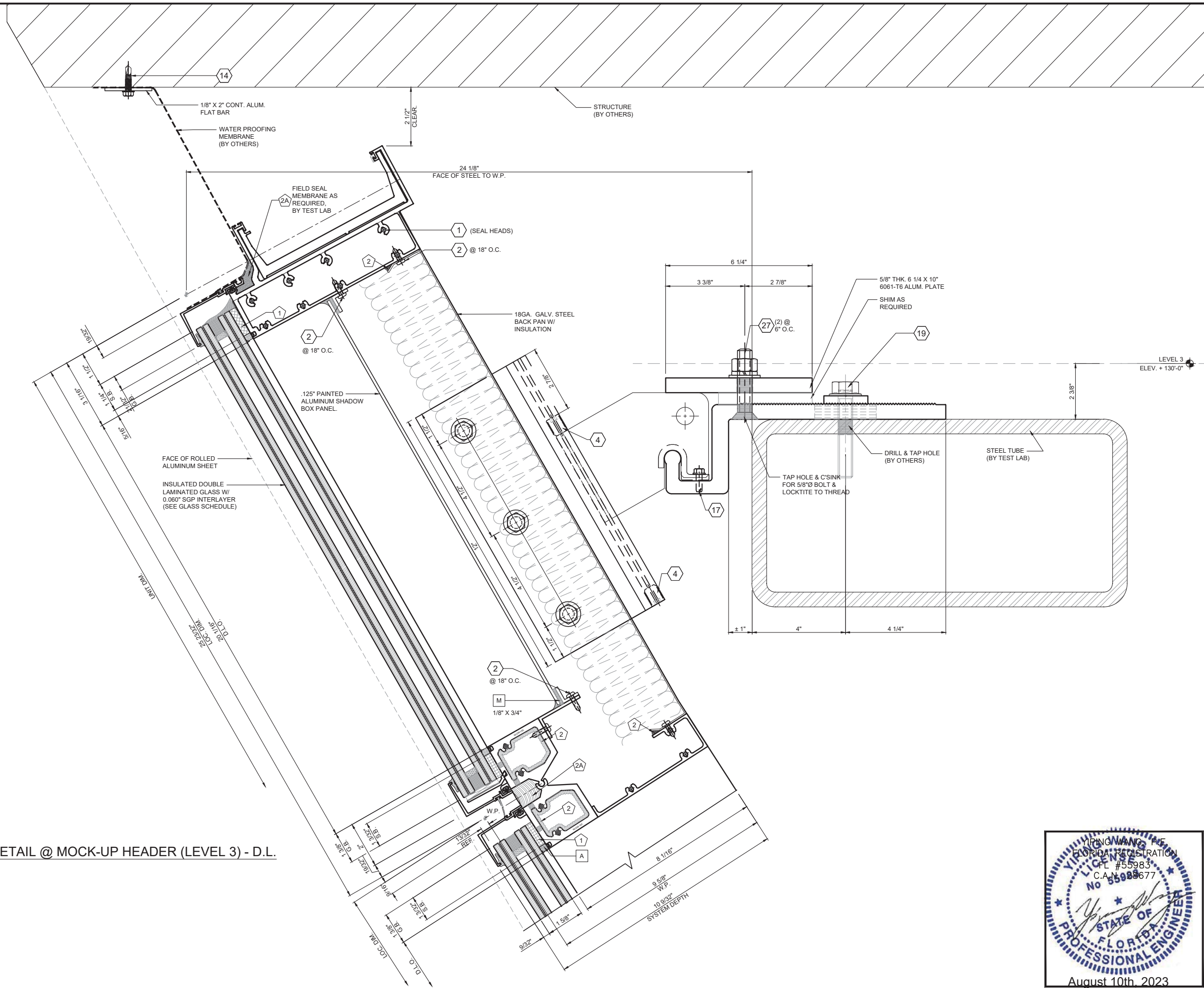
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

M7.07

1 ANCHOR DETAIL @ MOCK-UP HEADER (LEVEL 3) - D.L.
SCALE: 1/4



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DATE	08.10.2023
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DRAWN	James
PROJECT	MCY17-097

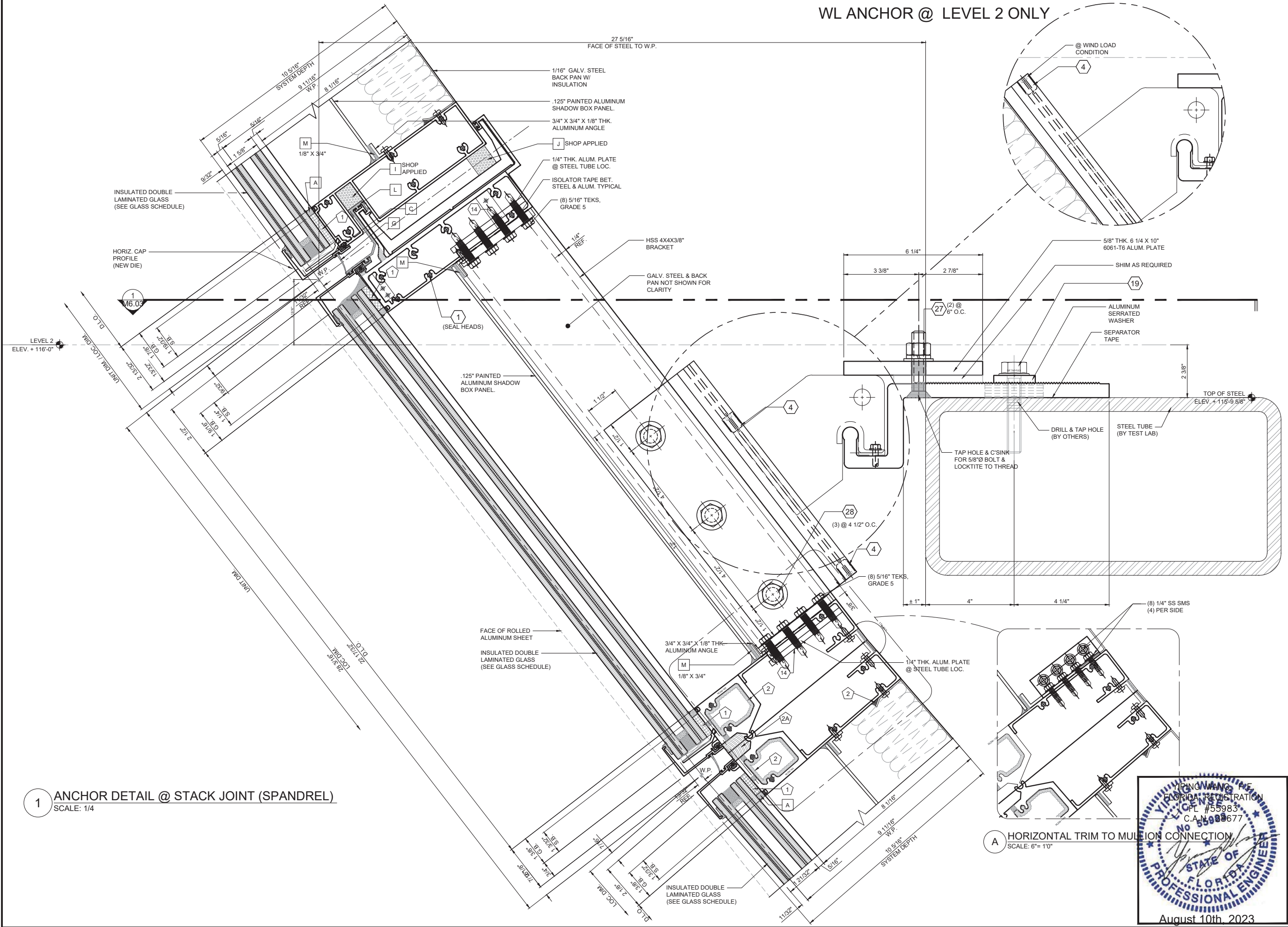
DRAWING NO.
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M7.08

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NO.	DATE
R3	08.10.23
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WL ANCHOR @ LEVEL 2 ONLY



A HORIZONTAL TRIM TO MULEION CONNECTION
SCALE: 6"= 1'0"



REVISIONS	
NO.	DATE DESCRIPTION
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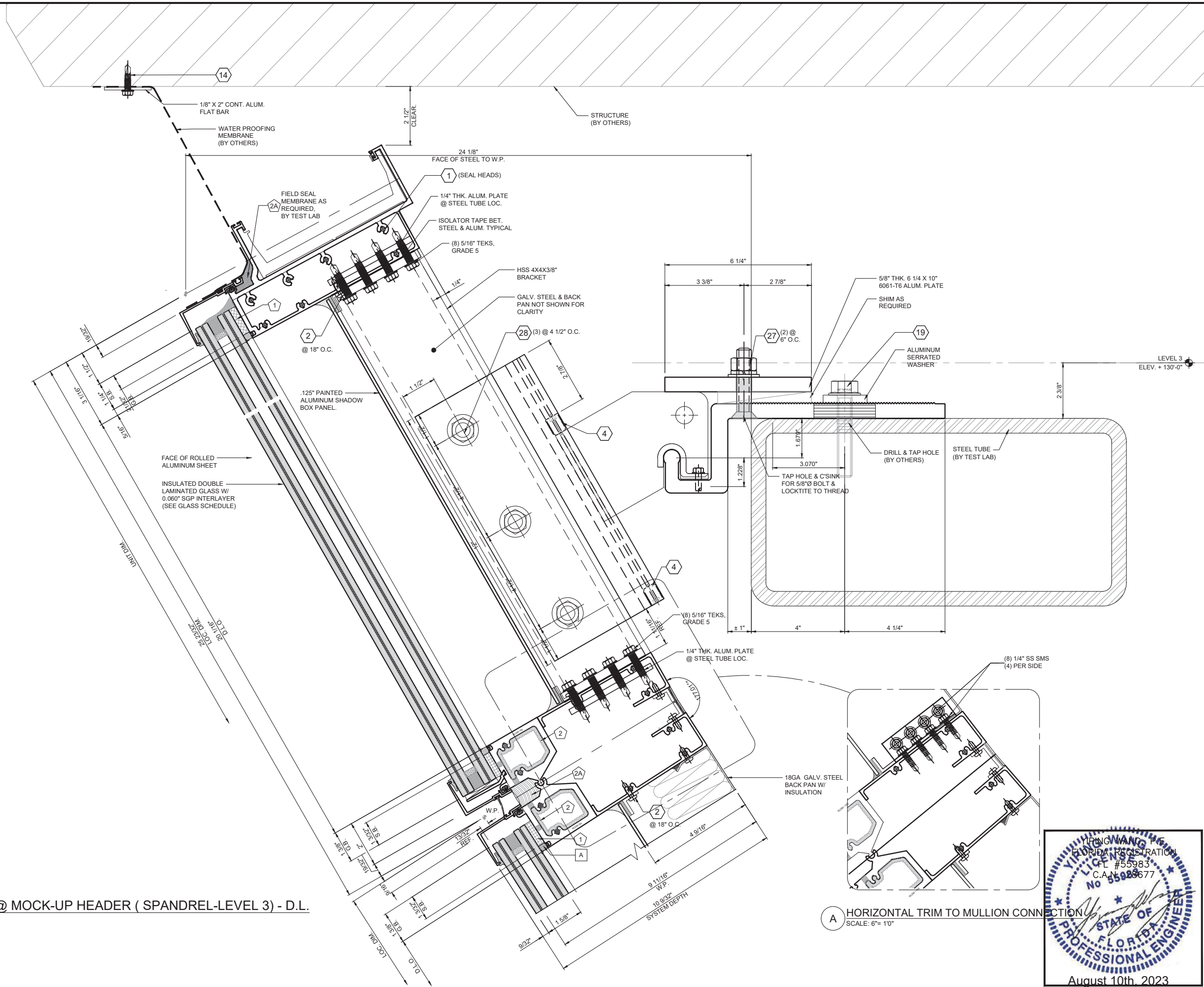
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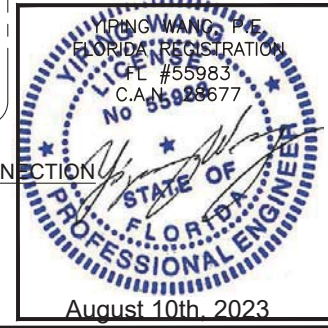
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M7.09	



1 ANCHOR DETAIL @ MOCK-UP HEADER (SPANDREL-LEVEL 3) - D.L.
SCALE: 1/4

A HORIZONTAL TRIM TO MULLION CONNECTION
SCALE: 6"= 1'0"



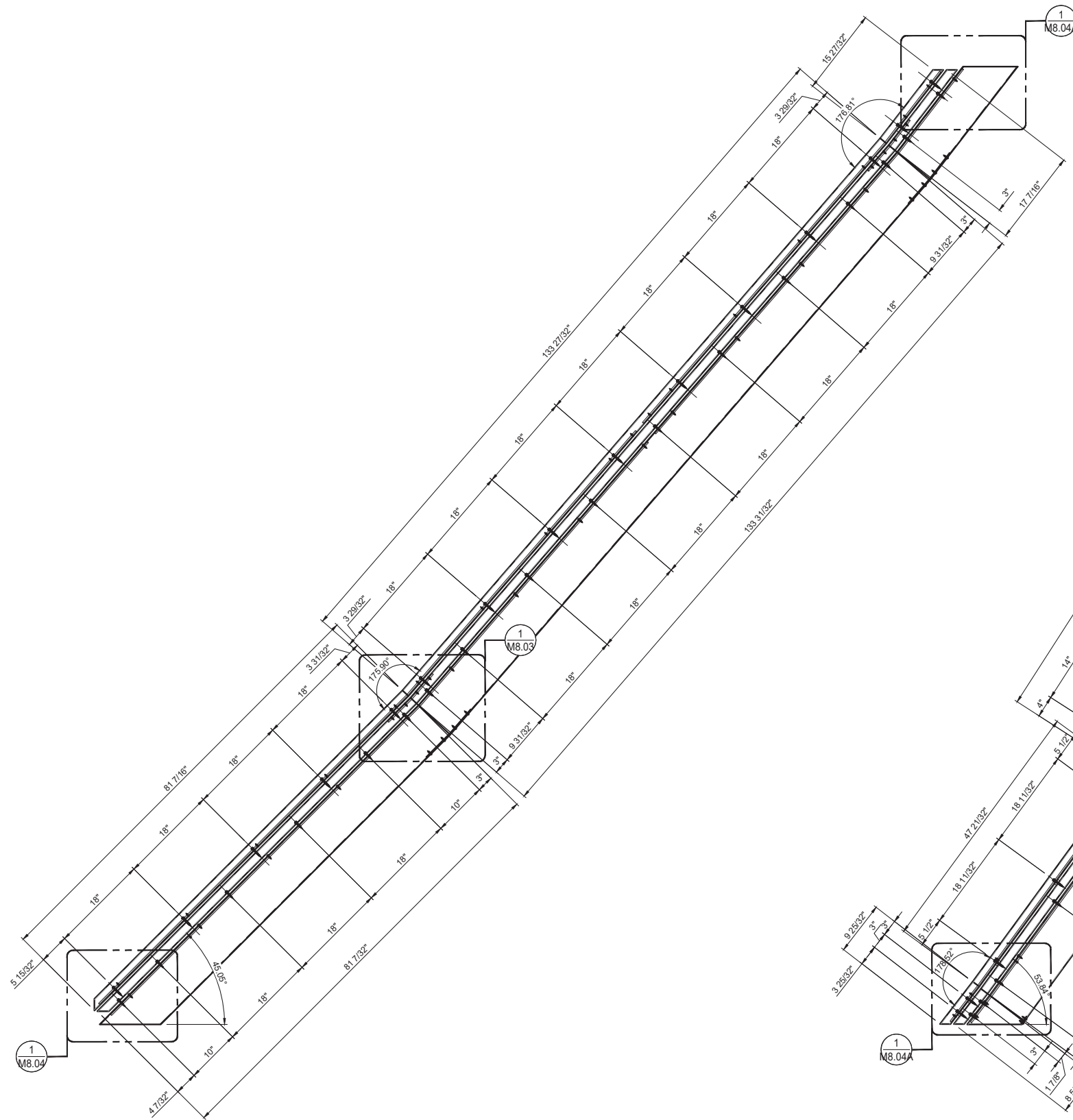
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NO.	DATE
03	08.10.23
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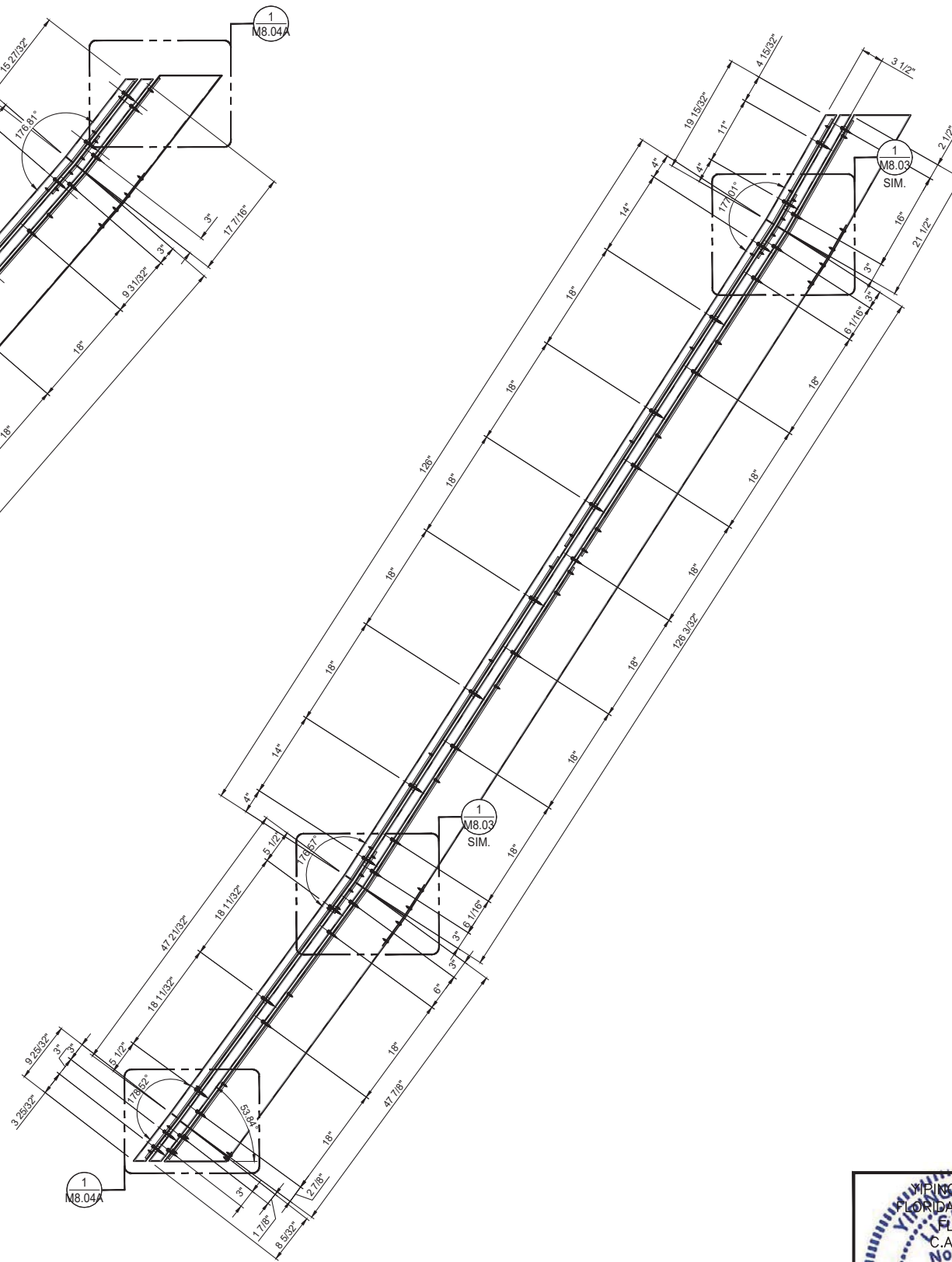
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FLORIDA APPROVAL:	
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PROJECT	MCY17-097

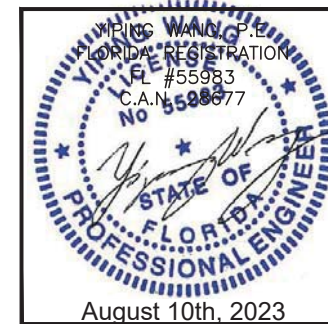
DRAWING NO.
AD17-32
M7.10



1 CORNER MULLION ASSEMBLY @ 1ST LEVEL



2 CORNER MULLION ASSEMBLY @ 2ND LEVEL



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 WEST PALM BEACH, FL 33407
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FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

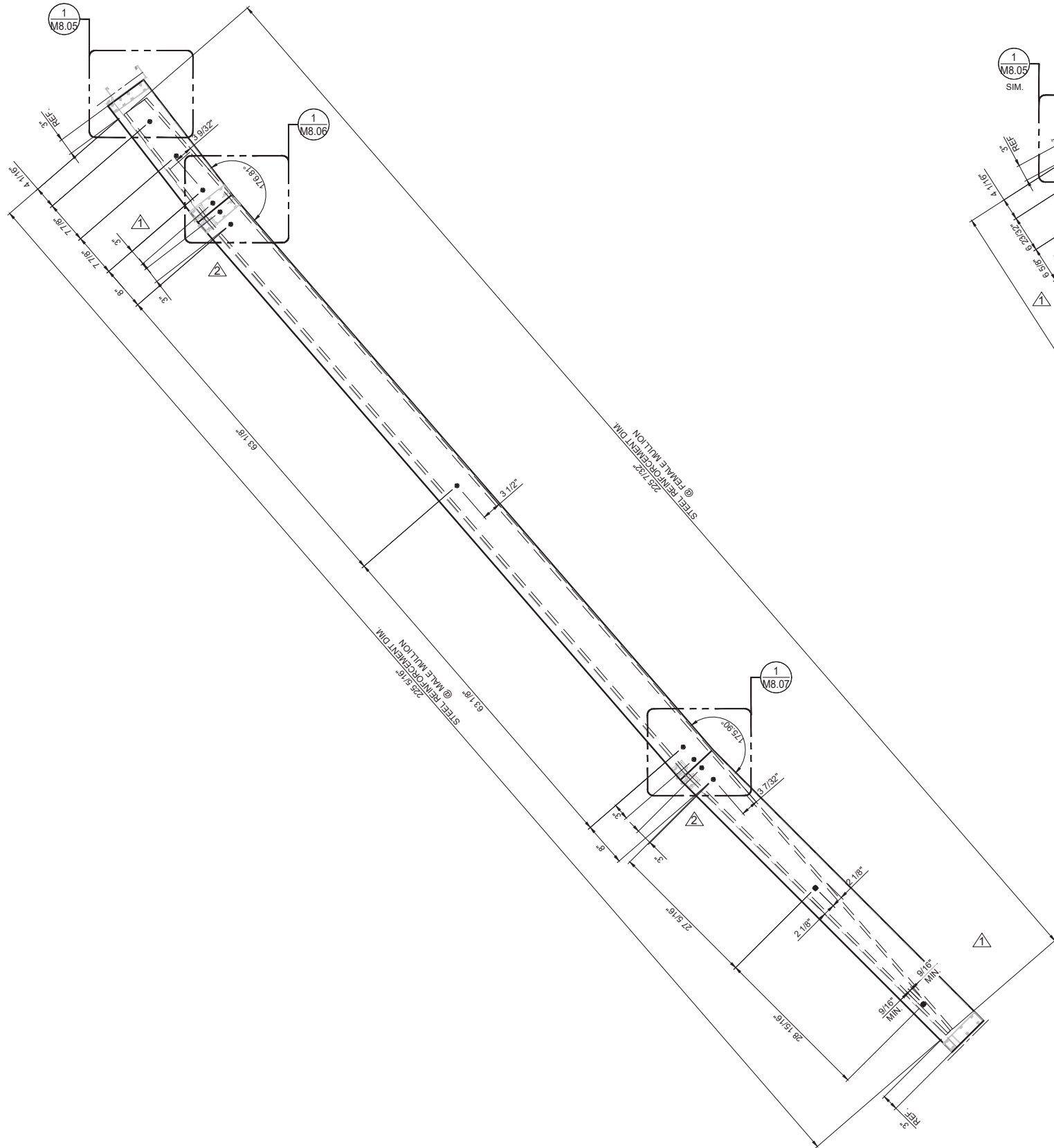
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REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

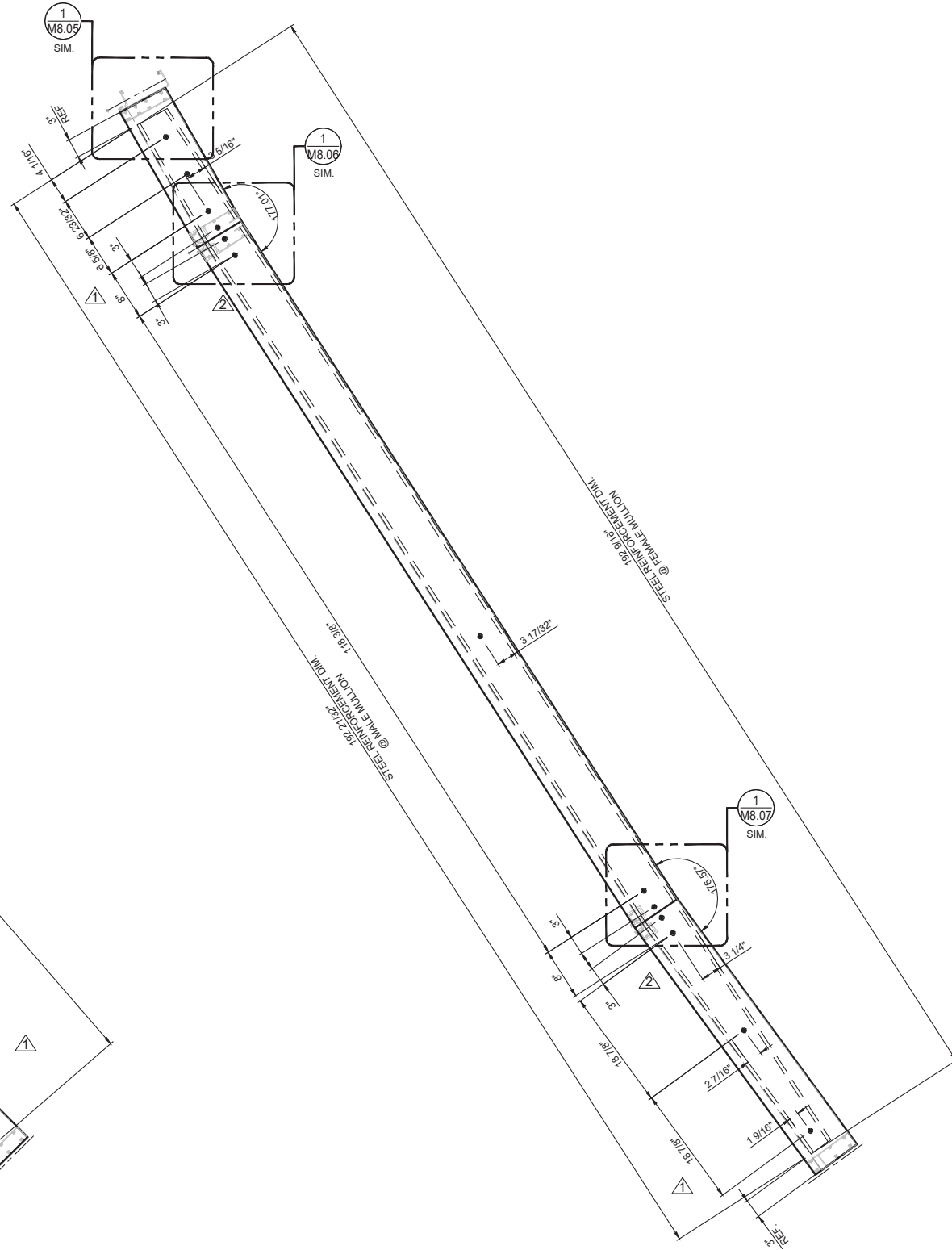
MCY ENGINEERING, INC.
 GLAZING CONSULTANTS

MCY

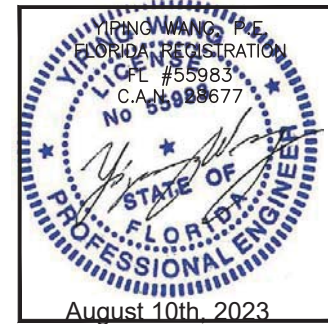
12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
 MIRAMAR, FL 33027 P: 305.588.5224
 www.MCYEngineering.com MCY@mcycengineering.com



1 MULLION AND STEEL ASSEMBLY @ 1ST LEVEL



2 MULLION AND STEEL ASSEMBLY @ 2ND LEVEL



August 10th, 2023

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4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

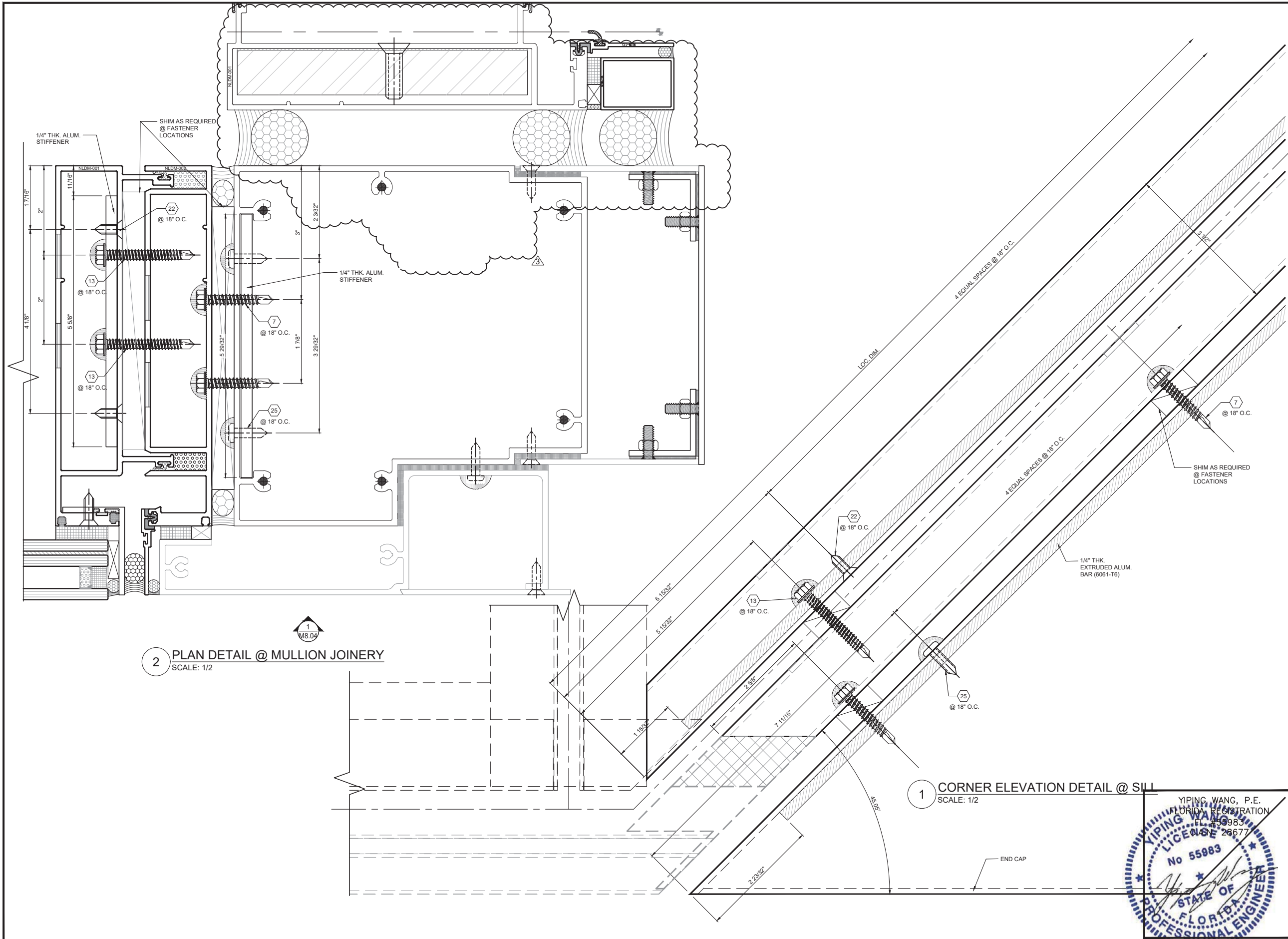
DRAWING NO.
AD17-32

M8.02

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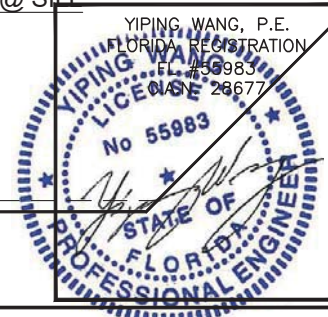
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NO.	DATE DESCRIPTION
R3	08.10.23 UPDATED TO FBC 2023



2 PLAN DETAIL @ MULLION JOINERY
SCALE: 1/2

1 CORNER ELEVATION DETAIL @ SILL
SCALE: 1/2



REVISIONS	
NO.	DATE
03	06.10.23
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SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

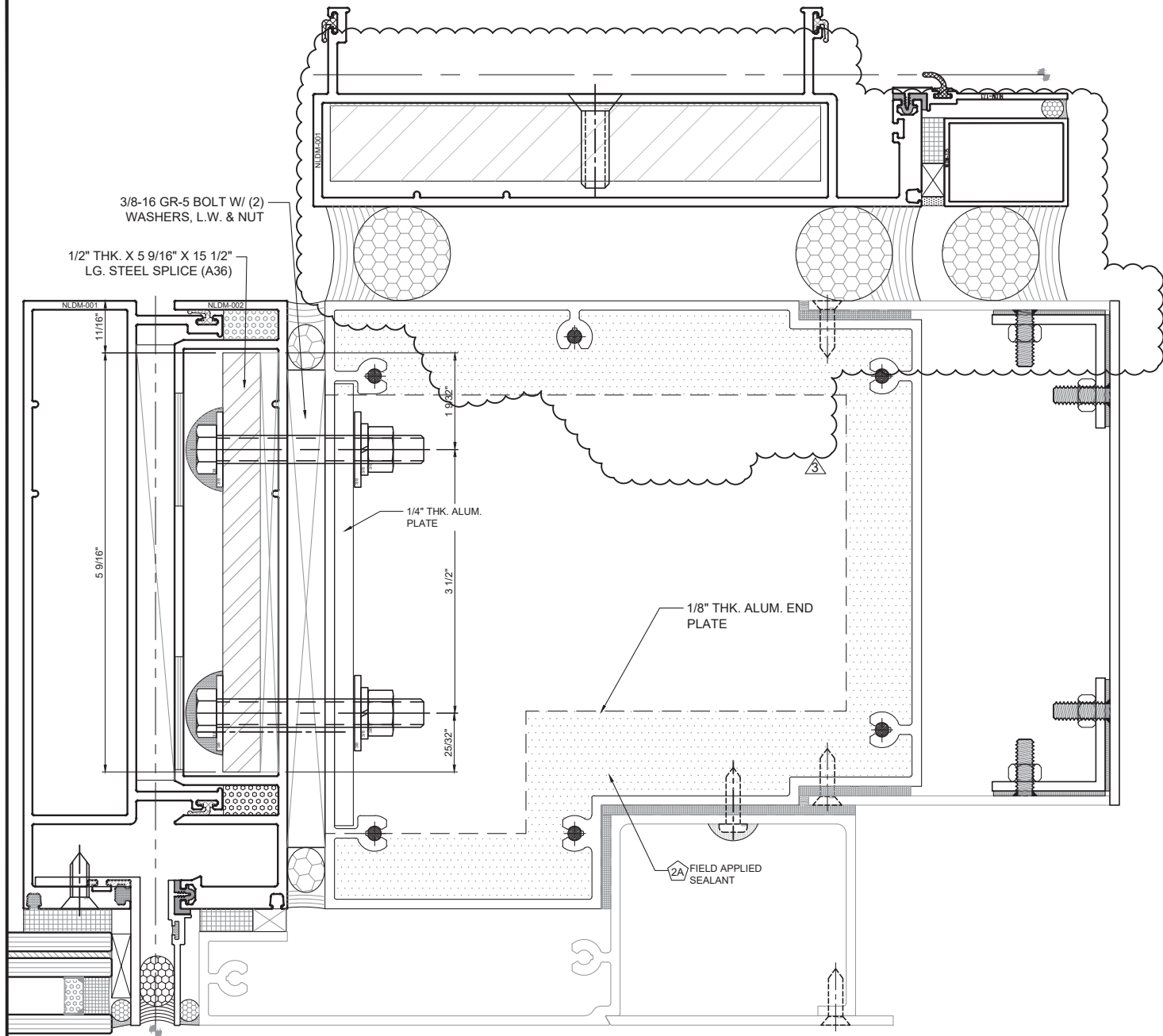
N.R. ARCHITECTURAL PRODUCTS, INC.
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FLORIDA APPROVAL
FL #20149.1

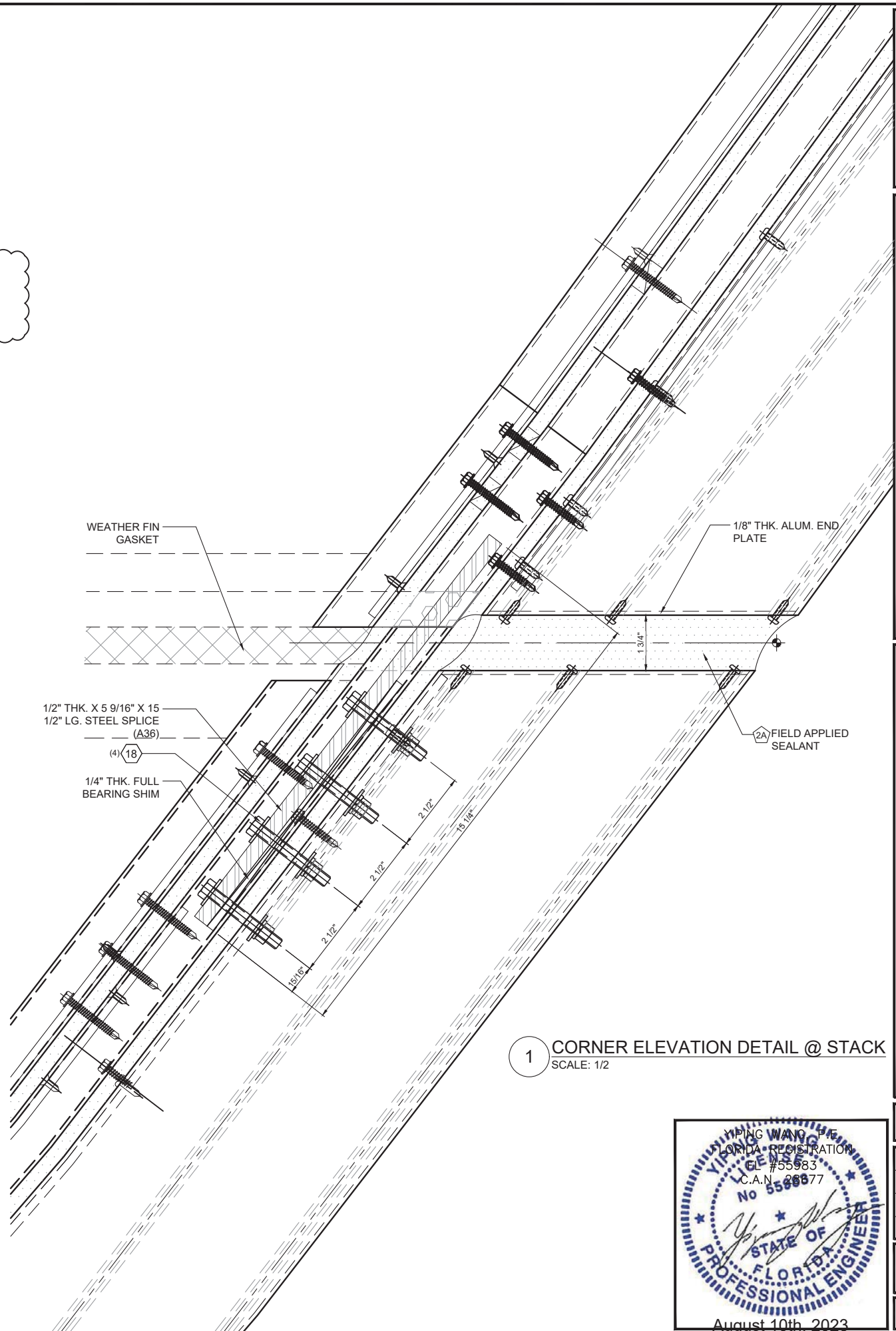
DATE	06.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

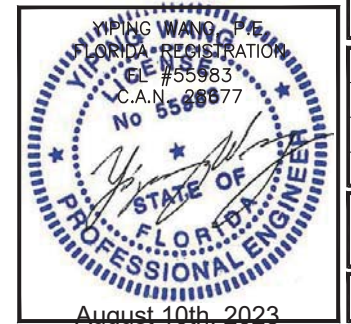
M8.04



2 PLAN DETAIL @ MULLION JOINERY
SCALE: 1/2



1 CORNER ELEVATION DETAIL @ STACK
SCALE: 1/2



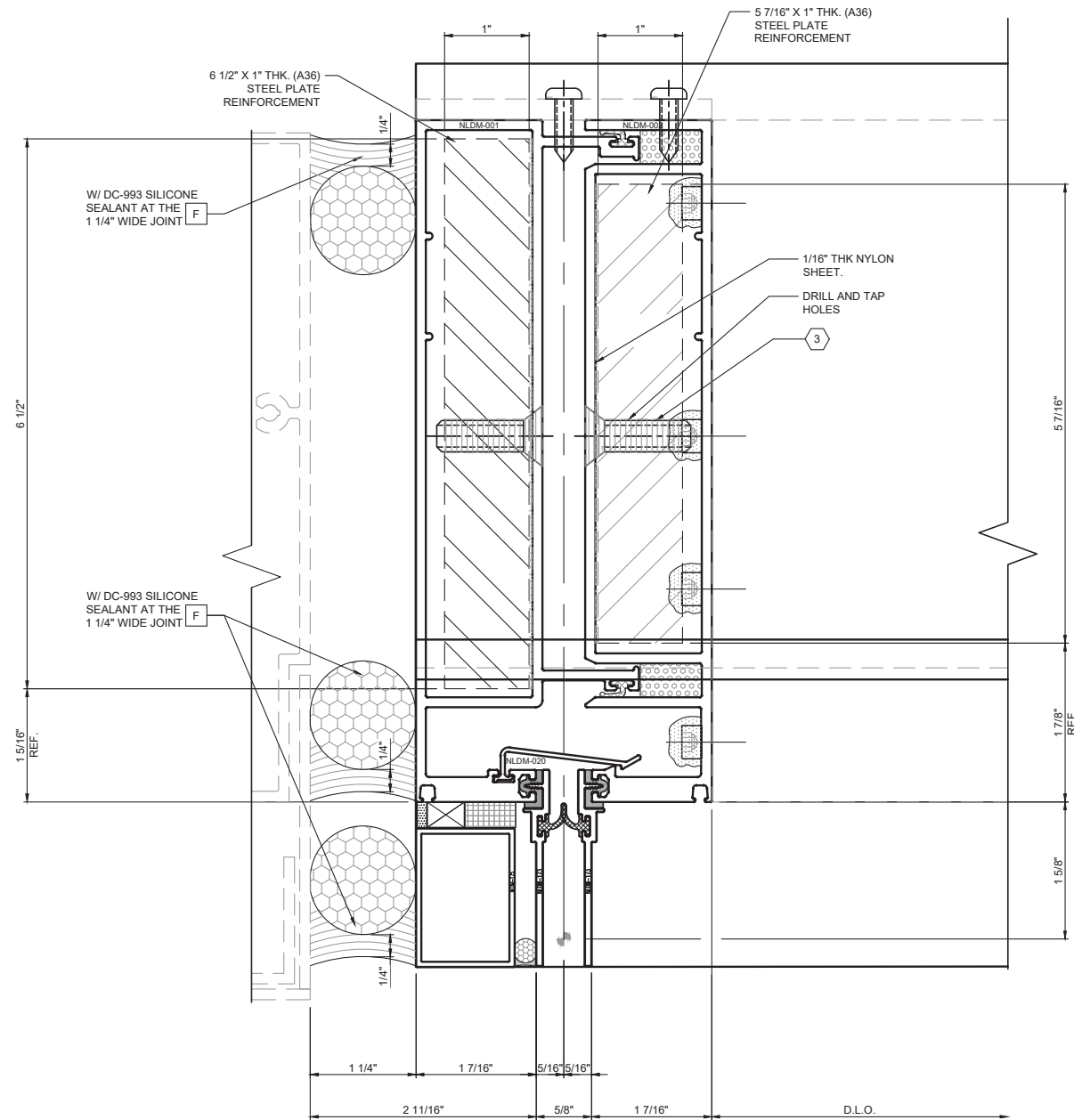
REVISIONS		
NO.	DATE	DESCRIPTION
R3	08.10.23	UPDATED TO FBC 2023

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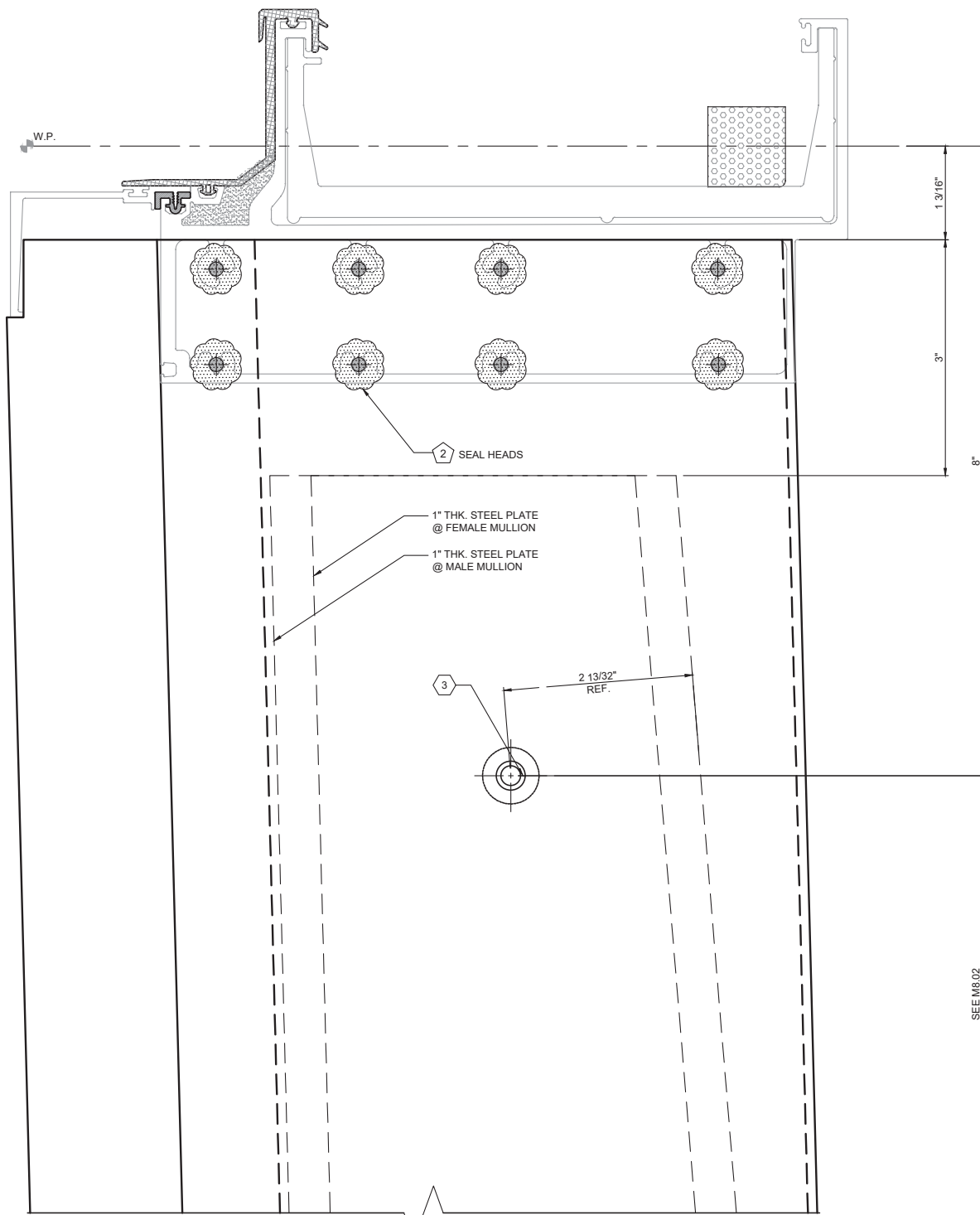
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)	
N.R. ARCHITECTURAL PRODUCTS, INC.	
4348 WESTROADS DRIVE	
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FLORIDA APPROVAL:	
FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

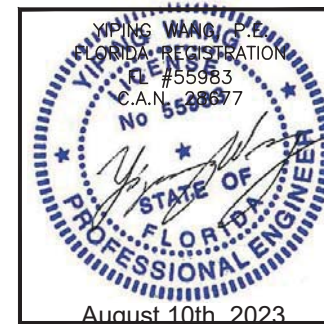
DRAWING NO.
AD17-32
M8.04A



1 PLAN OF HEAD STACK & STEEL PLATE TO MULLION JOINERY
SCALE: 1/2



2 HORIZONTAL SECTION
SCALE: 1/2



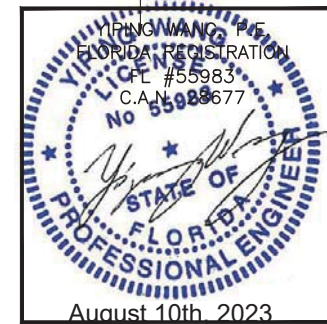
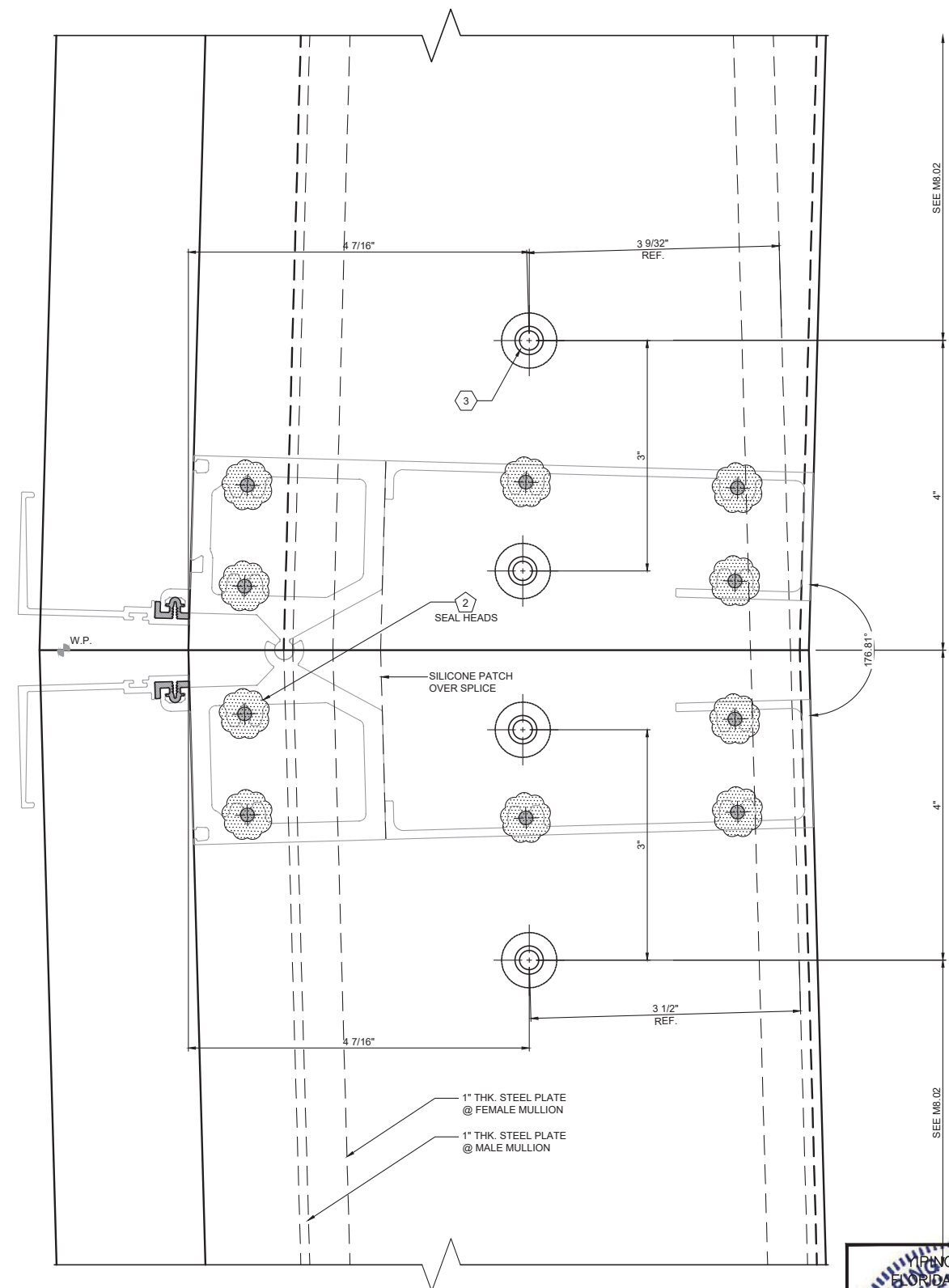
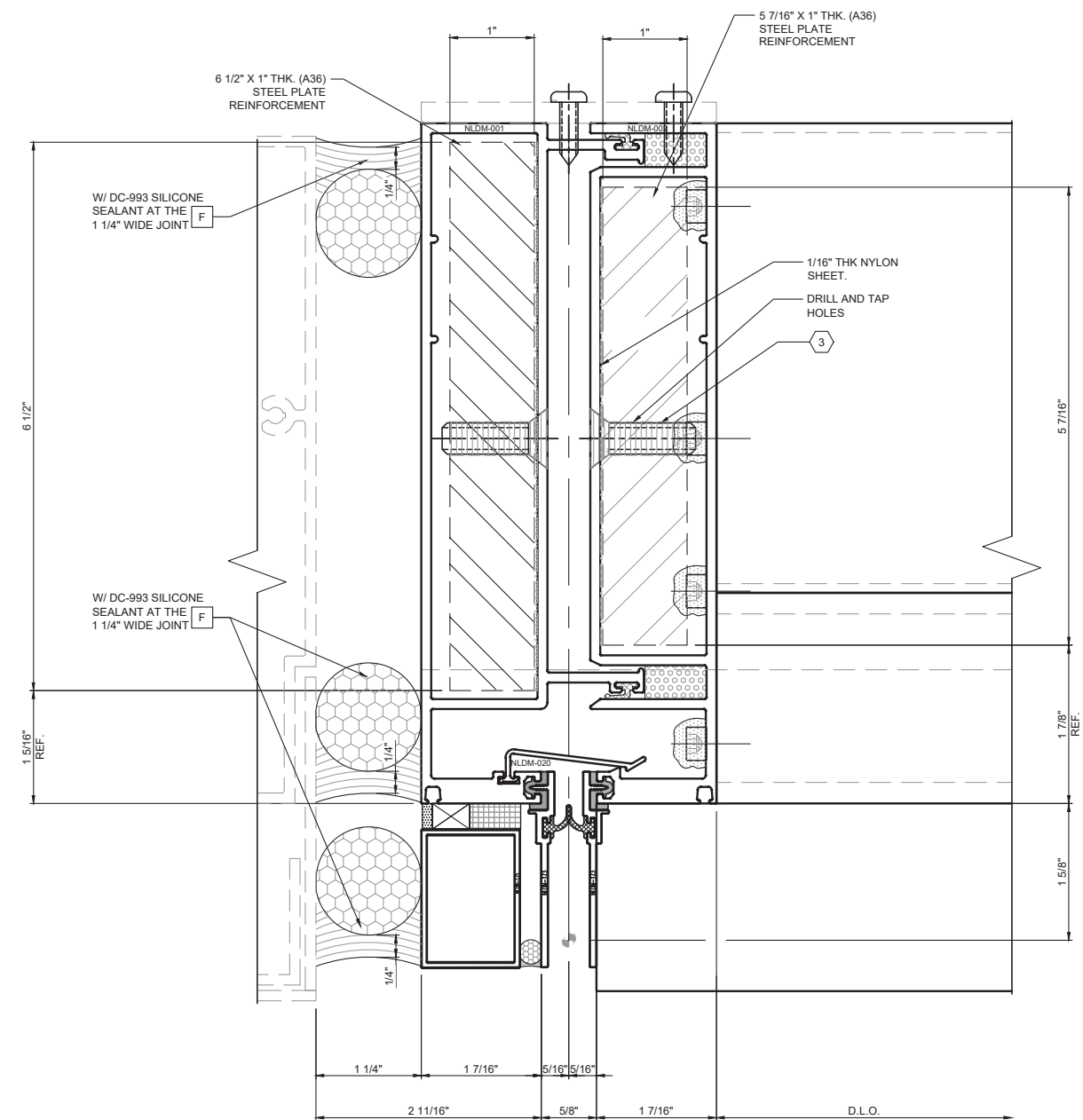
SERIES 8000 HIGH PERFORMANCE UNITED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)
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4348 WESTROADS DRIVE
WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M8.05	

REVISIONS	
NO.	DATE
R3	08.10.23
DESCRIPTION	
UPDATED TO FBC 2023	

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R3	06.10.23	UPDATED TO FEB 2023

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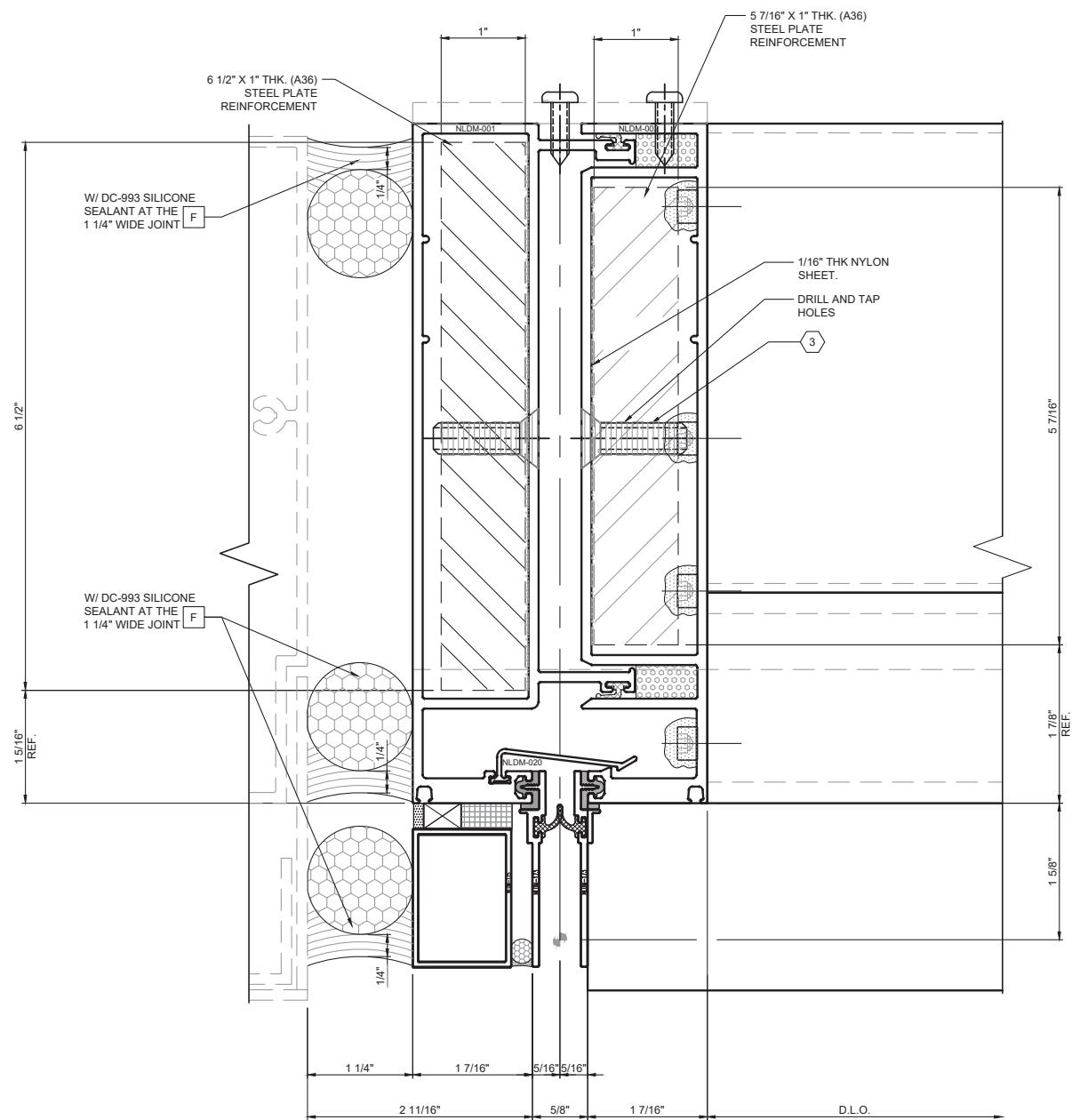
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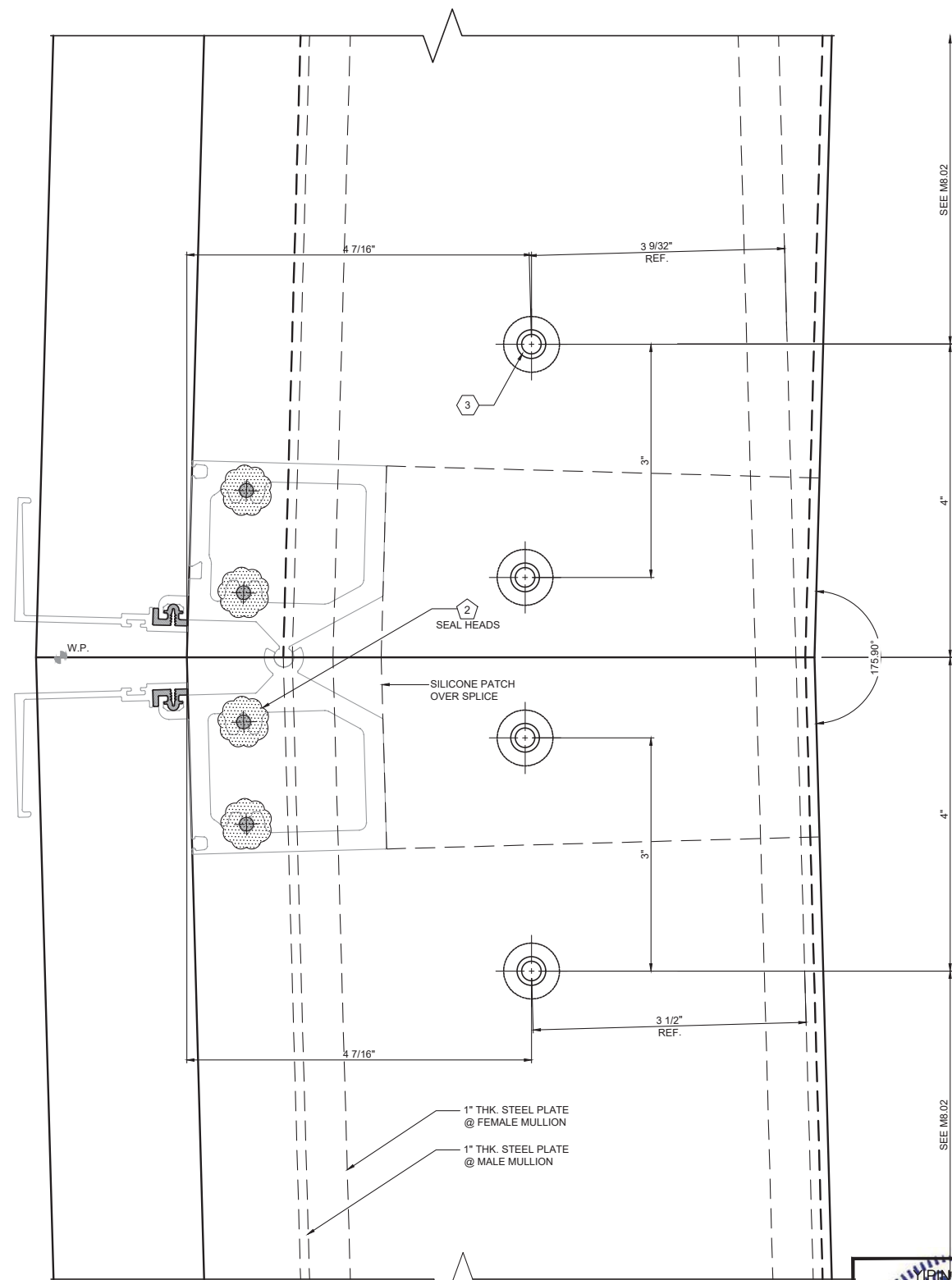
N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

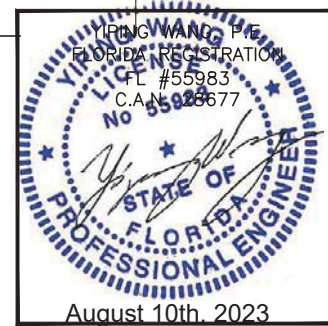
DRAWING NO.
AD17-32
M8.06



1 PLAN OF INTERM. HORIZ. & STEEL PLATE TO MULLION JOINERY
SCALE: 1/2



2 HORIZONTAL SECTION
SCALE: 1/2



REVISIONS		
NO.	DATE	DESCRIPTION
1	06.10.23	UPDATED TO PFC 2023

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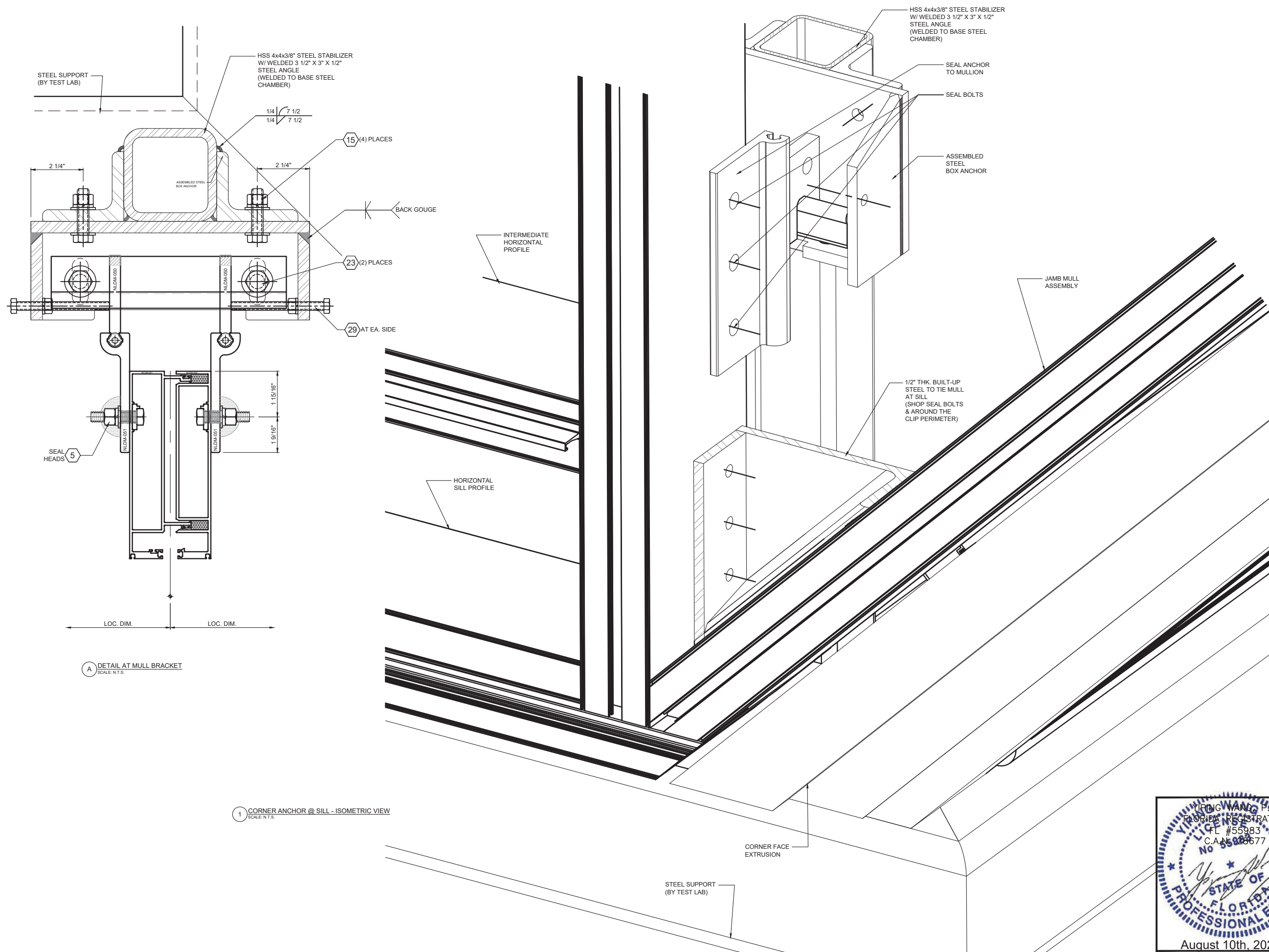
12781 MIRAMAR PKWY, STE. 301 P: 305.271.0117
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WEST PALM BEACH, FL 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M8.07	



REVISIONS		
NO.	DATE	DESCRIPTION
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WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	08.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M8.08	

FLORIDA APPROVAL:
FL #20149.1

DATE 08.10.2023

SCALE AS NOTED

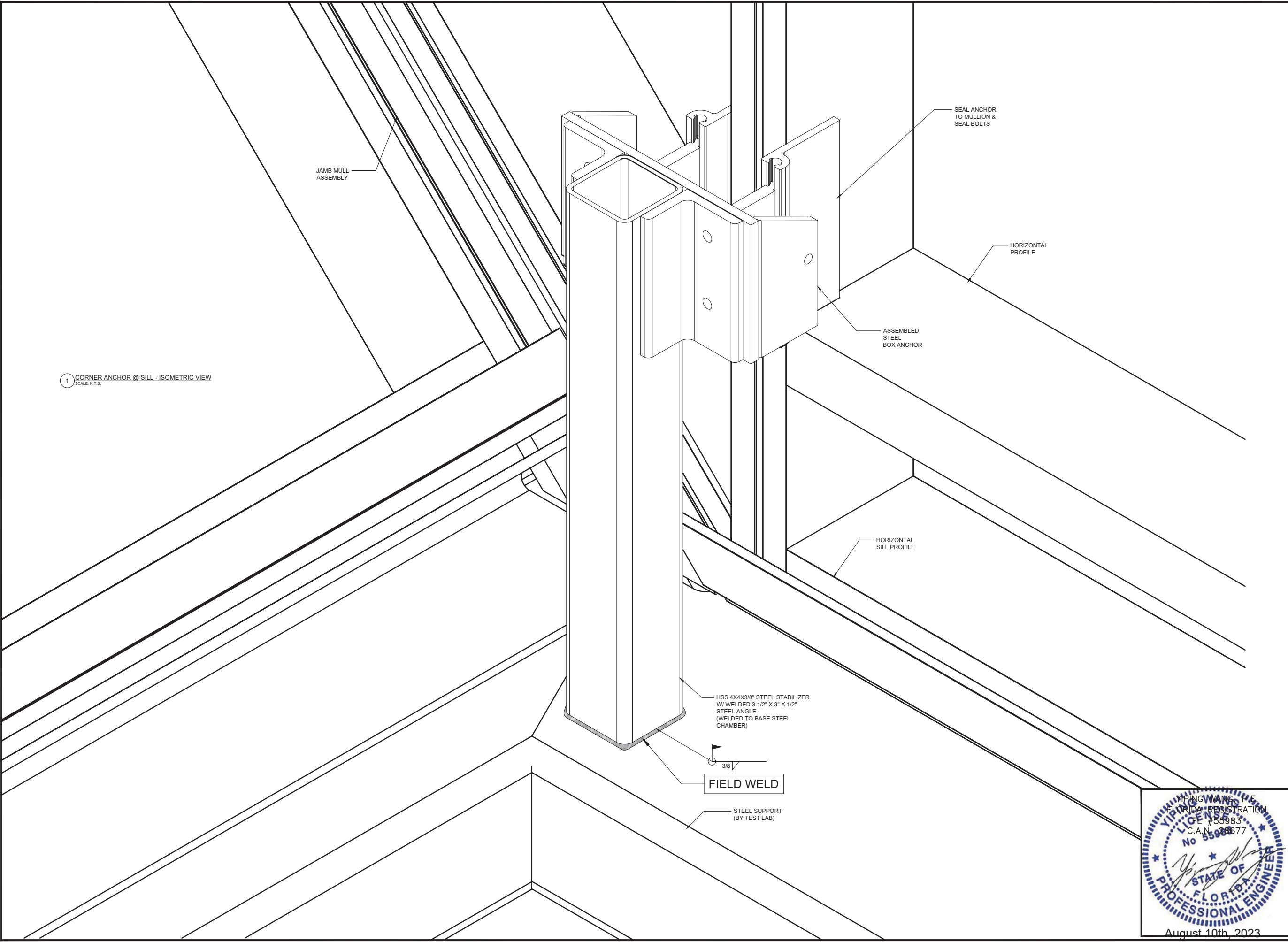
DRAWN James

PROJECT MCY17-097

DRAWING NO.
AD17-32

M8.08

August 10th, 2023



1 CORNER ANCHOR @ SILL - ISOMETRIC VIEW
SCALE: N.T.S.

REVISIONS		
NO.	DATE	DESCRIPTION
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SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

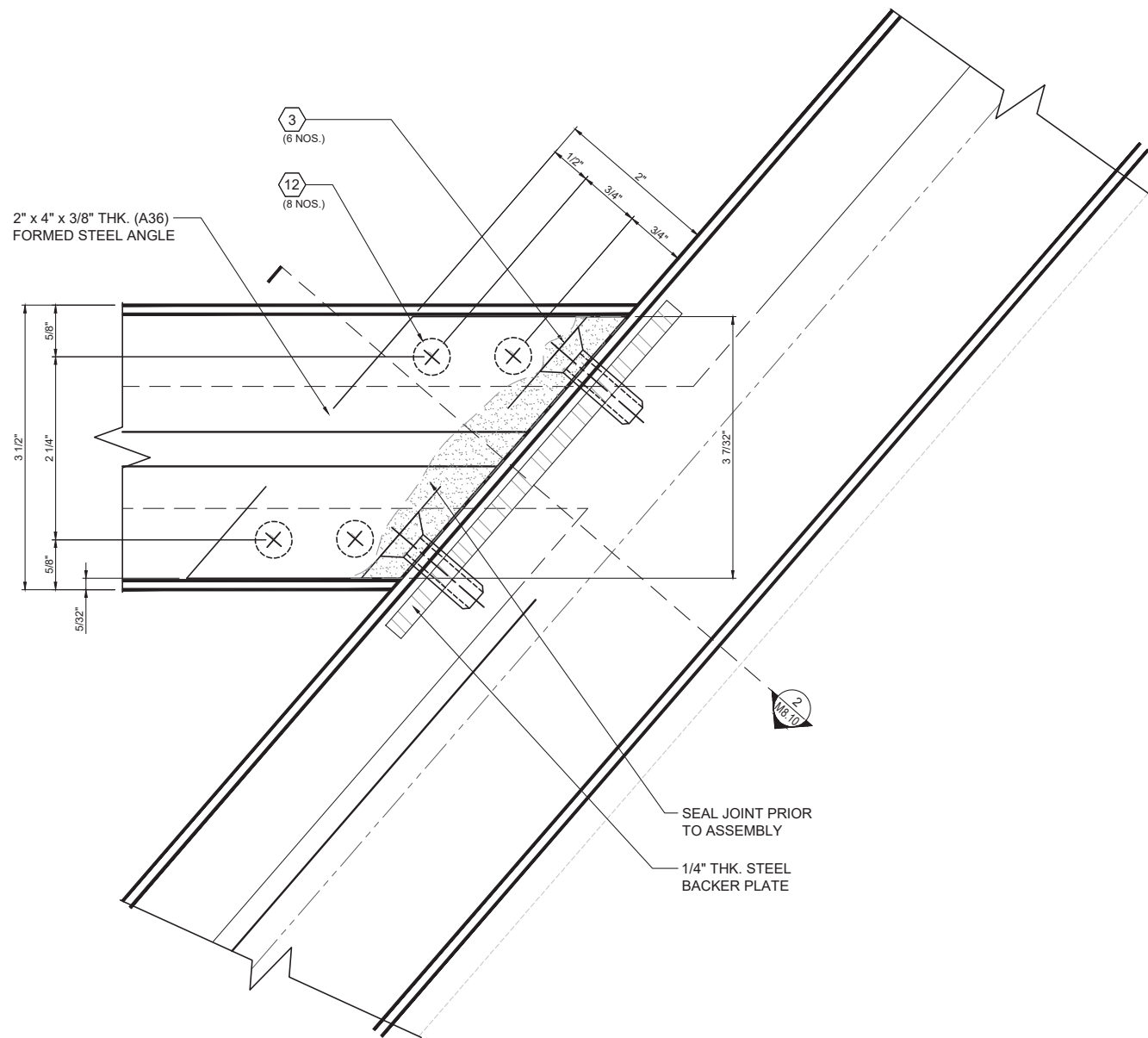
N.R. ARCHITECTURAL PRODUCTS, INC.
4348 WESTROADS DRIVE
WEST PALM BEACH, FL. 33407
P: (561) 844 - 1121 F: (561) 844 - 6131

FLORIDA APPROVAL: FL #20149.1	
DATE	06.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097
DRAWING NO. AD17-32	
M8.09	

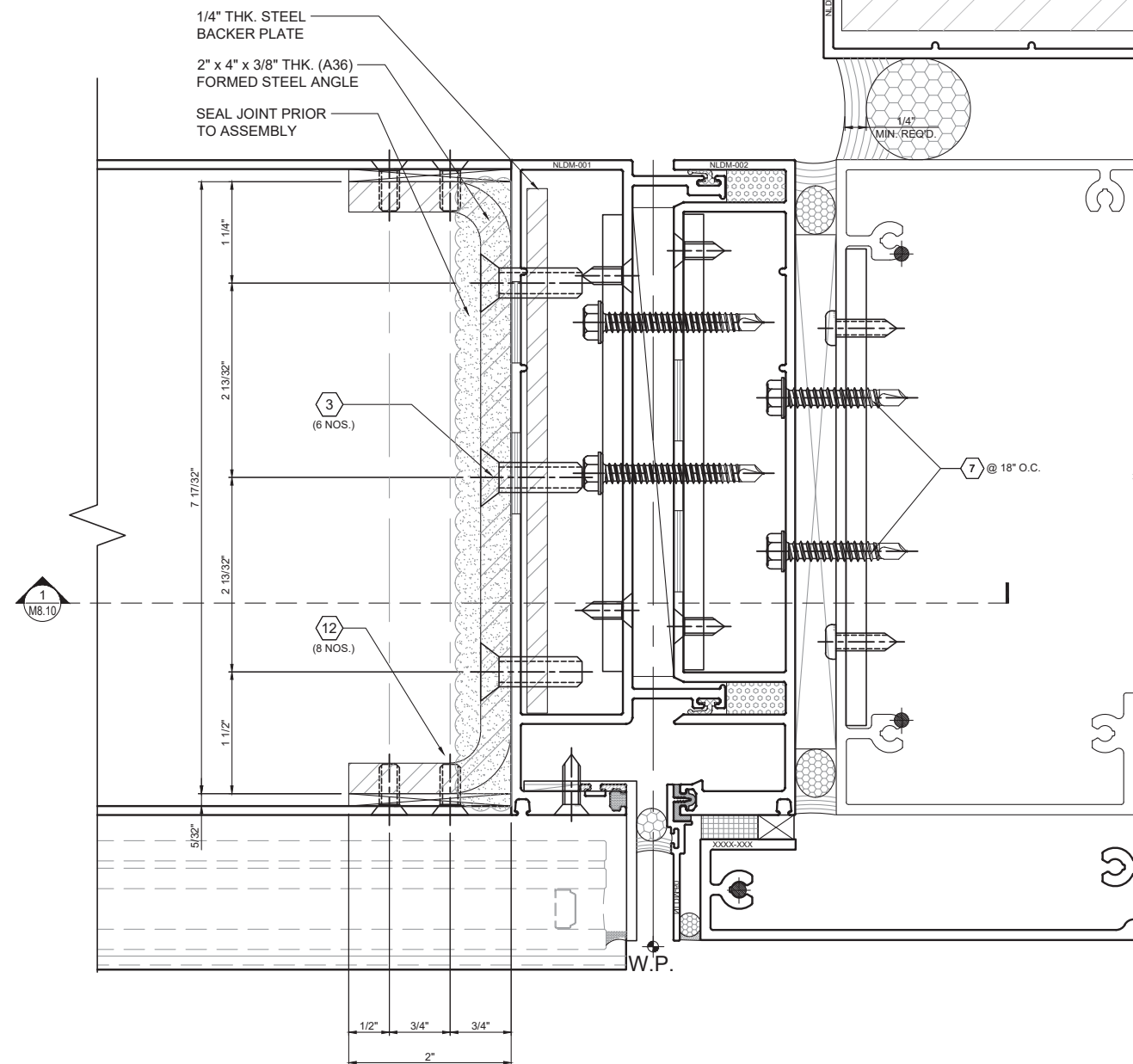
YIN WANG, P.E.
FLORIDA REGISTRATION
#55983
C.A.N. 28577

STATE OF FLORIDA
PROFESSIONAL ENGINEER

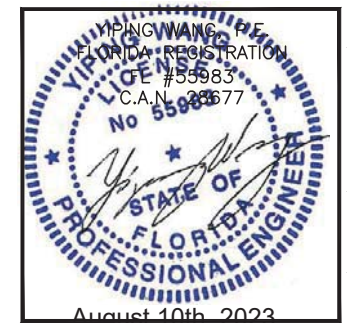
August 10th, 2023



1 UNIT FRAME CONNECTION DETAIL (FRONT VIEW)
SCALE: 1/2



2 UNIT FRAME CONNECTION DETAIL (VERTICAL SECTION)
SCALE: 1/2



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DESCRIPTION	
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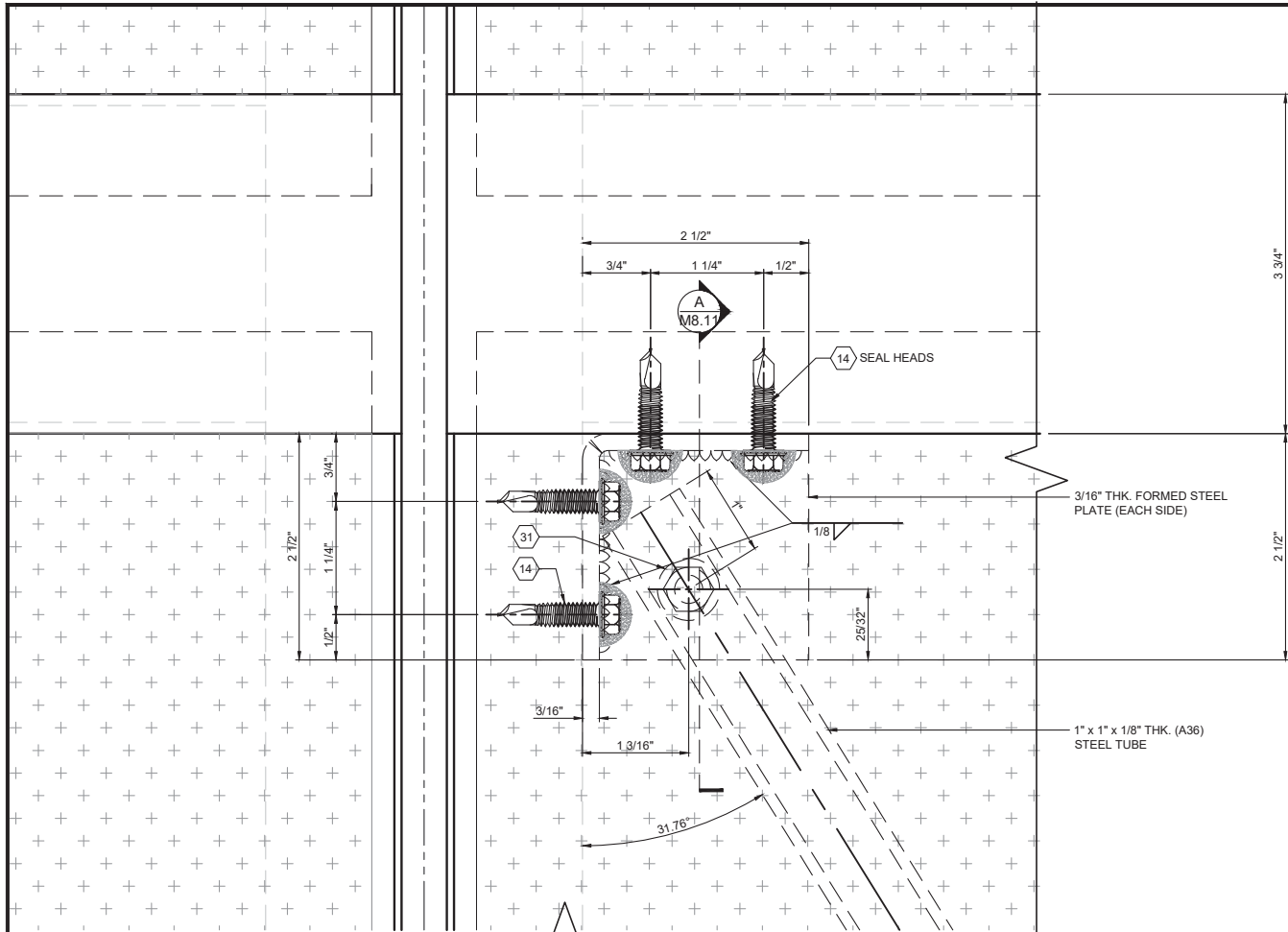
SERIES 8000 HIGH PERFORMANCE UNITIZED CURTAIN WALL SYSTEM (L.M.I. & S.M.I.)

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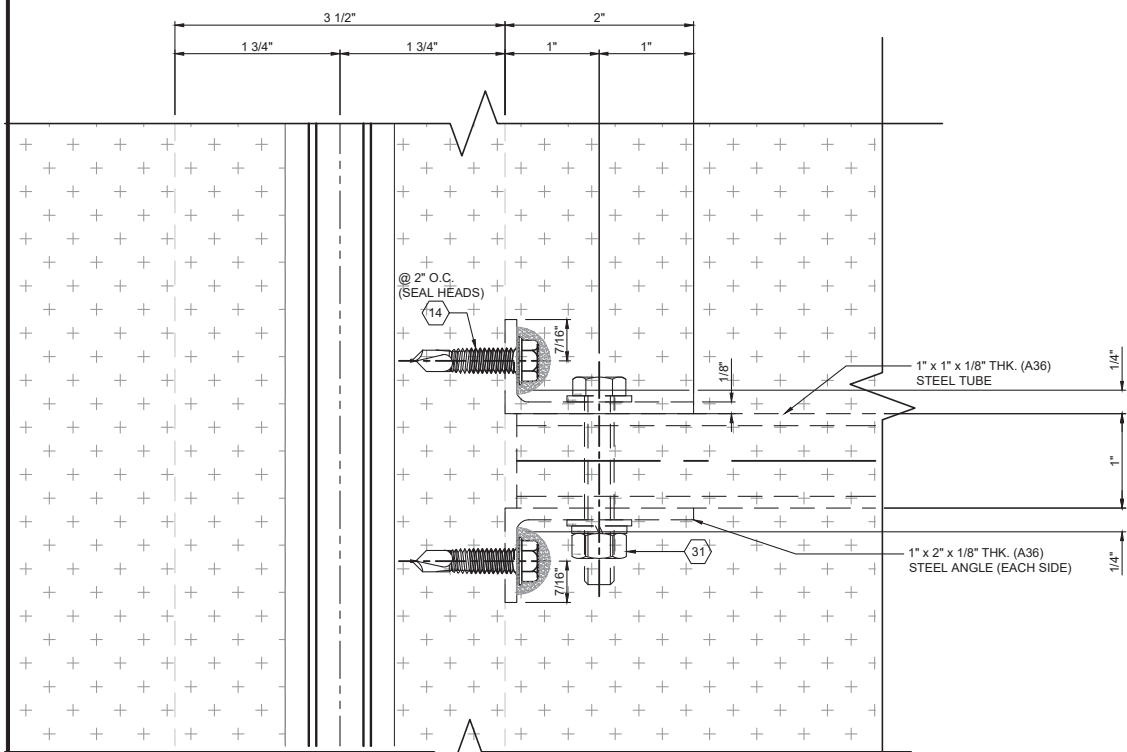
FLORIDA APPROVAL:	
FL #20149.1	
DATE	06.10.2023
SCALE	AS NOTED
DRAWN	James
PROJECT	MCY17-097

DRAWING NO.
AD17-32

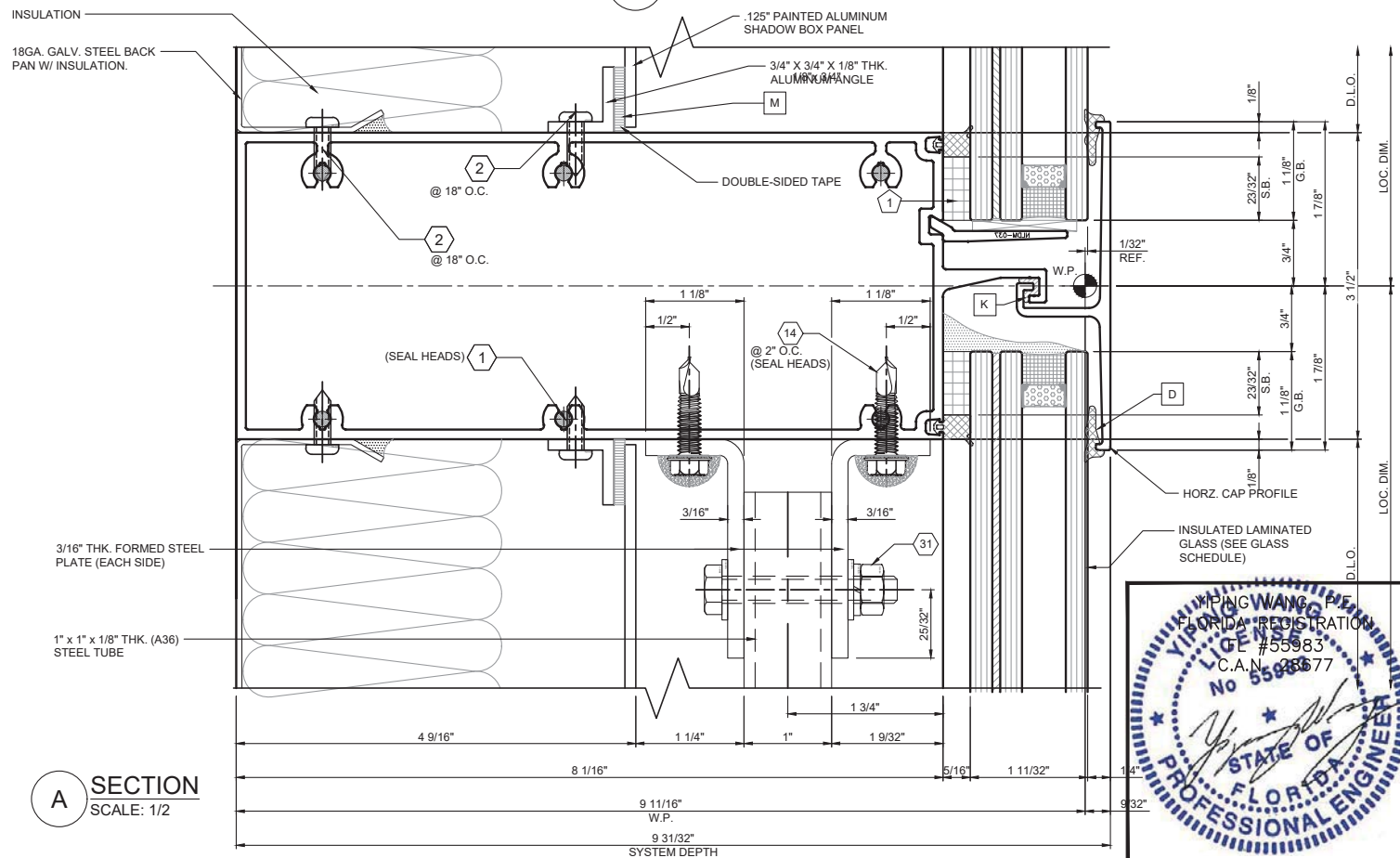
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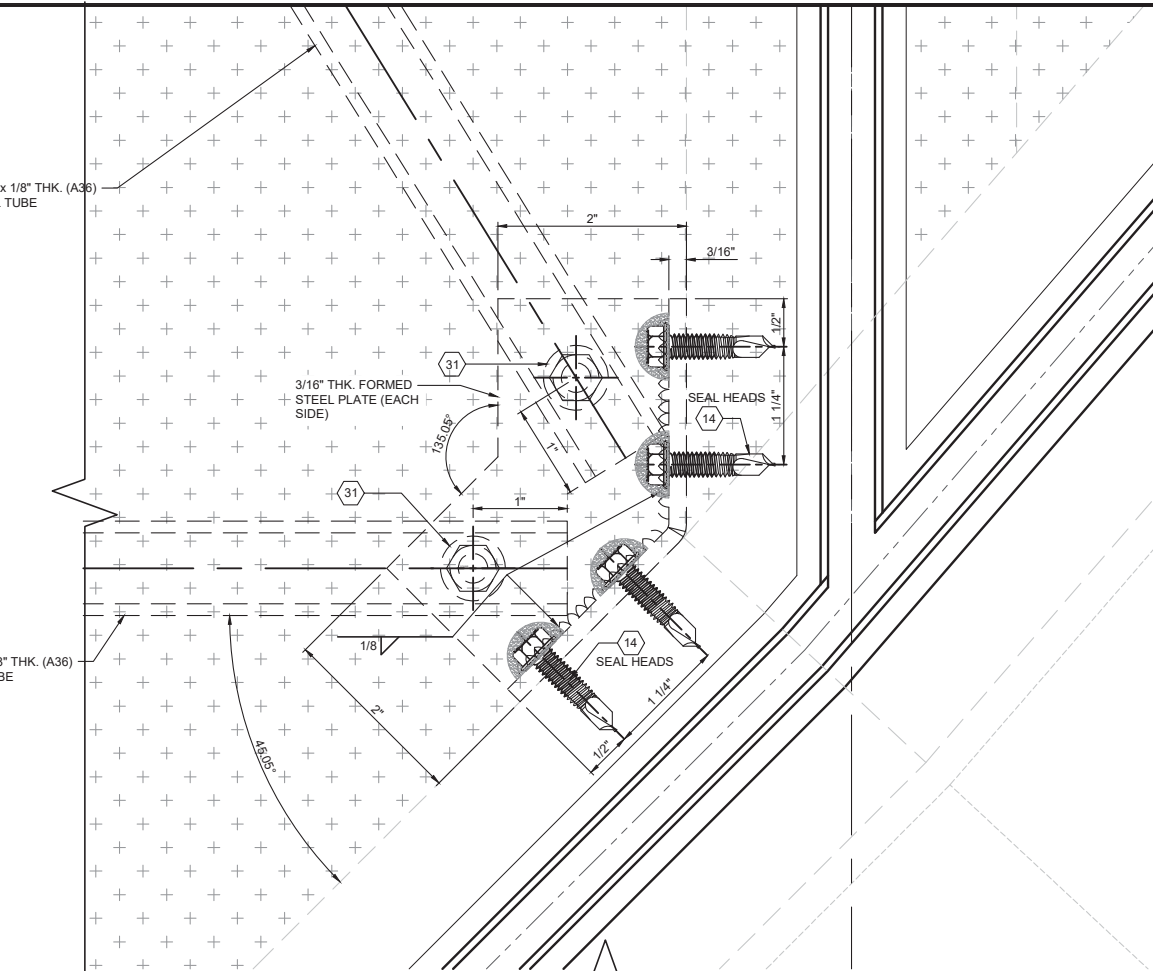
1 ALUM TUBE STRAP JOINT CONNECTION DETAIL
SCALE: 1/2



2 ALUM TUBE STRAP JOINT CONNECTION DETAIL
SCALE: 1/2



A SECTION
SCALE: 1/2



3 ALUM TUBE STRAP JOINT CONNECTION DETAIL
SCALE: 1/2

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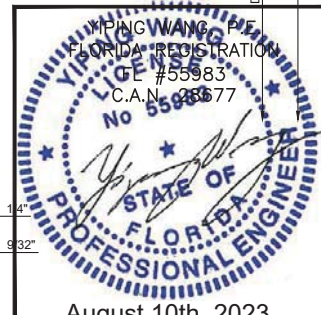
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DRAWING NO.
AD17-32

M8.11



August 10th, 2023

