

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR WITH OPTIONAL WOOD CLADDING

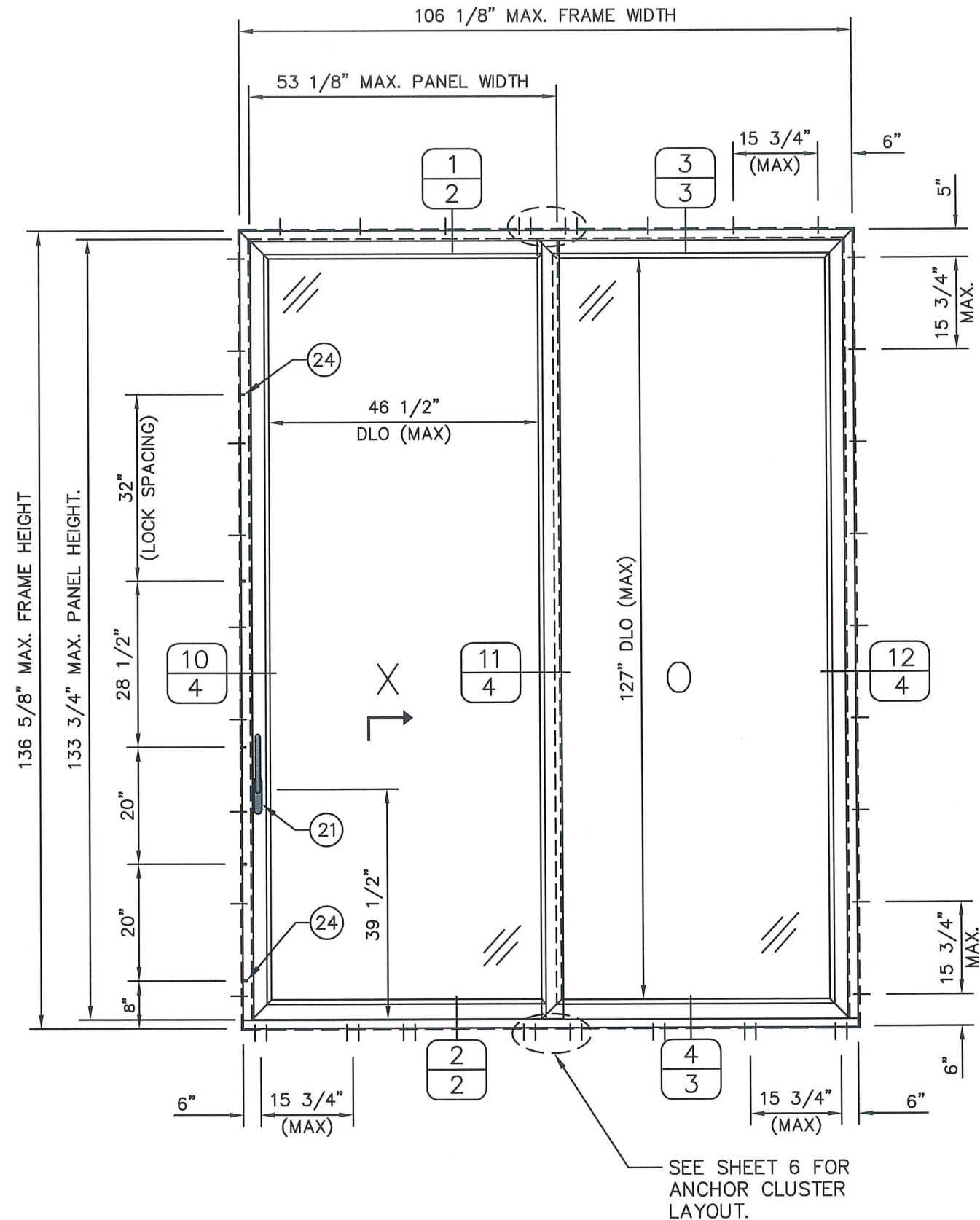
GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED PER TAS 202, ASTM E1886, AND ASTM E1996 (WIND ZONE 3, LEVEL D). IT MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, FOR USE OUTSIDE OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. THIS PRODUCT IS LARGE AND SMALL MISSILE IMPACT RESISTANT. SHUTTERS ARE NOT REQUIRED IN WIND ZONE 3 OR LESS.
3. OPENING SUBSTRATES, 1x OR 2x WOOD BUCKS (OPTIONAL), AND WOOD BUCK FASTENERS ARE BY OTHERS AND MUST BE DESIGNED AND INSTALLED PER FBC REQUIREMENTS TO SAFELY TRANSFER THE LOADS FROM THIS SYSTEM TO THE BUILDING STRUCTURE. SUBSTRATES SHALL MEET THE MIN STRENGTH REQUIREMENTS LISTED IN THE ANCHOR DETAILS ON SHEETS 5 & 6.
4. ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS LISTED IN THE ANCHOR DETAILS ON SHEETS 5 & 6, ANCHOR EMBEDMENT IN SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.
5. ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.
6. THE 4/3 INCREASE IN ALLOWABLE STRESS FOR SHORT-TERM LOADING HAS NOT BEEN USED IN THE DESIGN OF THIS SYSTEM. THE 1.6 Cd FACTOR HAS BEEN USED IN THE ANALYSIS OF WOOD SCREWS ONLY.
7. DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT GALVANIC REACTIONS IN ACCORDANCE WITH FBC CHAPTERS 20 AND 23.
8. ALL WOOD SHAPES ARE MADE FROM AMERICAN OAK (S.G.=0.68, E=1.7x10⁶ psi min)
9. METAL SUBSTRATES AT SILL MUST BE REVIEWED FOR ADDITIONAL DEAD LOADS AND APPROVED BY THE AUTHORITIES HAVING JURISDICTION (AHJ).
10. THE STANDARD DOOR IS NOT APPROVED FOR USE IN AREAS WHERE WATER INFILTRATION IS REQUIRED. THE DRAINAGE SYSTEM SHOWN ON SHEETS 9 & 10 IS NOT A PART OF THIS APPROVAL, BUT IT MAY BE APPROVED FOR RESISTANCE TO WATER INFILTRATION BY THE AHJ.
11. CORNER CONSTRUCTION – SEE SHEET 11 FOR CORNER CONSTRUCTION INFORMATION.

DESIGN PRESSURE

+/- 32 PSF*

* WHERE RESISTANCE TO WATER INFILTRATION IS REQUIRED, THE DRAINAGE SYSTEM SHOWN ON SHEETS 9 & 10 MUST BE APPROVED BY THE AUTHORITIES HAVING JURISDICTION (AHJ).



OX (LIFT & SLIDE)
INTERIOR ELEVATION VIEW

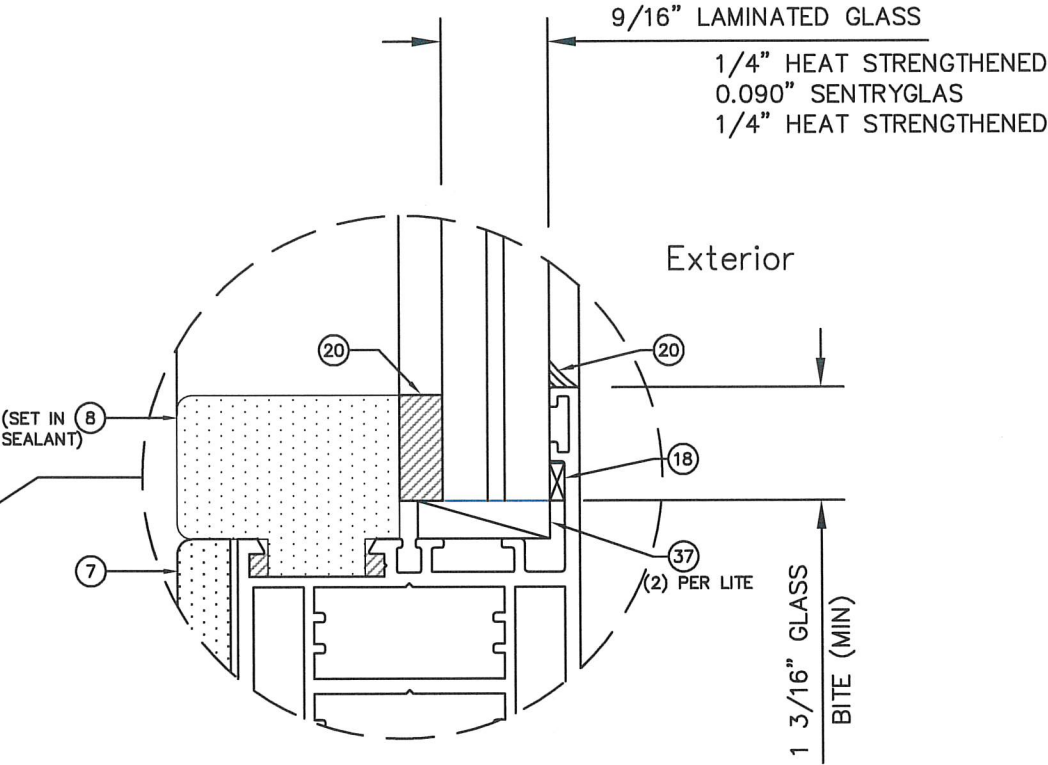
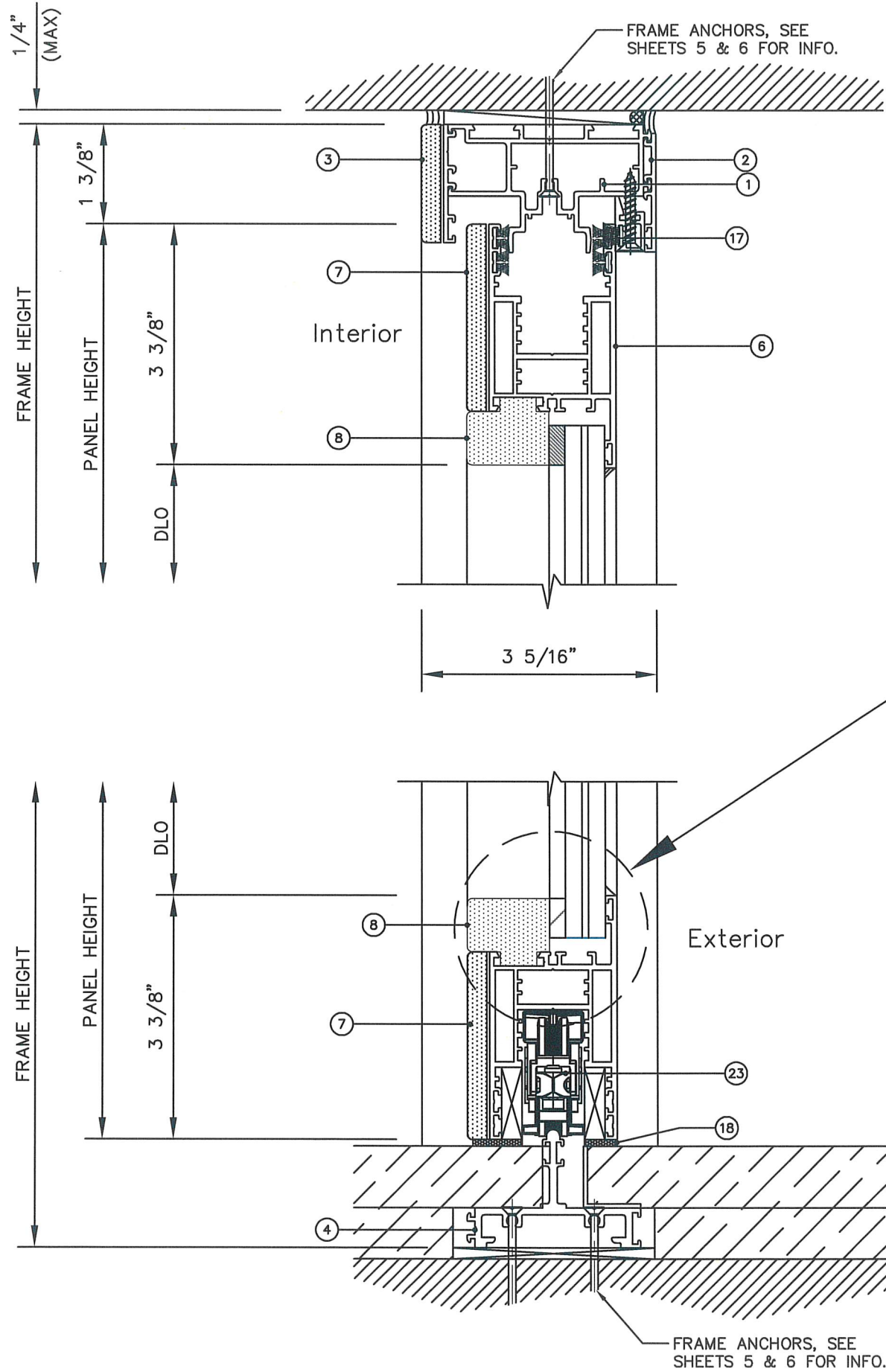
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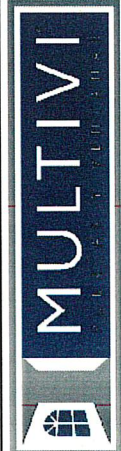
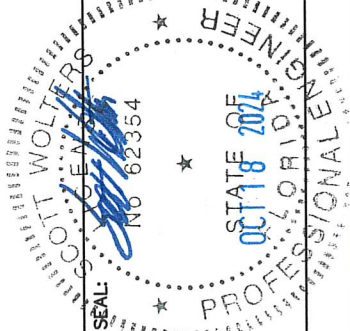
MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

1
2

2
2



- SILL NOTE:
- 1. THE STANDARD SILL DETAIL SHOWN IS APPROVED FOR USE ONLY IN AREAS WHERE RESISTANCE TO WATER INFILTRATION IS NOT REQUIRED OR WHERE THE DOOR IS PROTECTED BY AN OVERHANG MEETING THE REQUIREMENTS OF FBC SECTION 1709.5.1.
 - 2. FOR AREAS WHERE RESISTANCE TO WATER INFILTRATION IS REQUIRED, THE DRAINAGE SYSTEM DETAILED IN SHEETS 7 & 8 MUST BE INSTALLED (DRAINAGE SYSTEM MUST BE APPROVED BY THE AHJ).

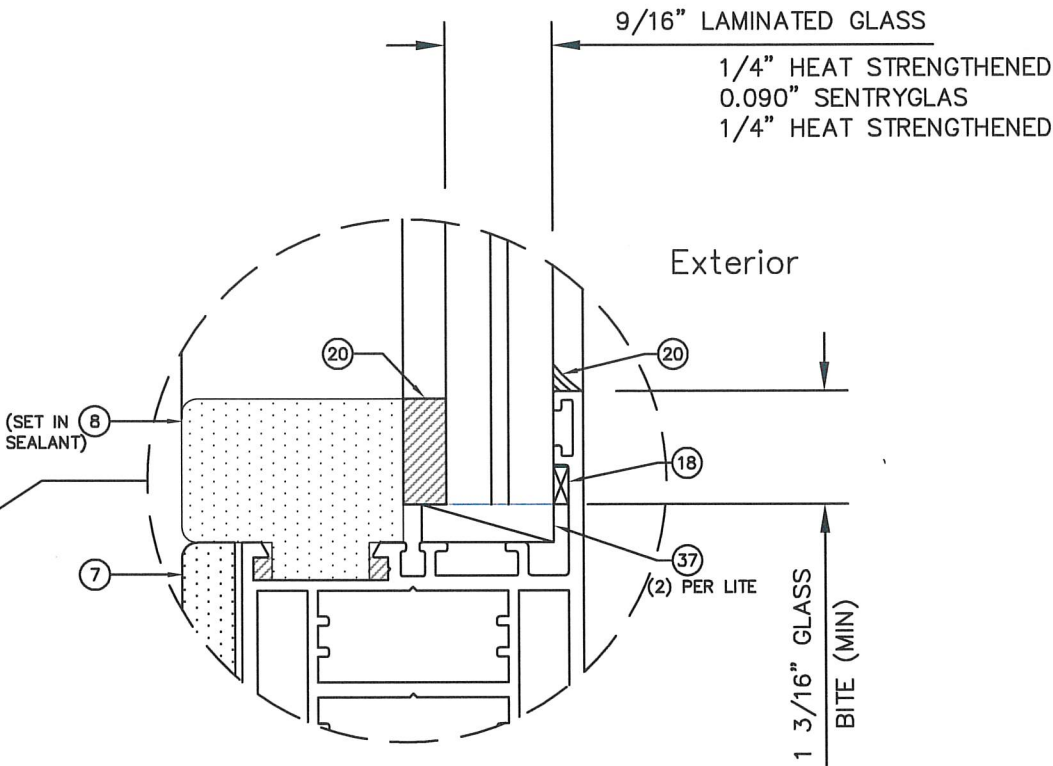
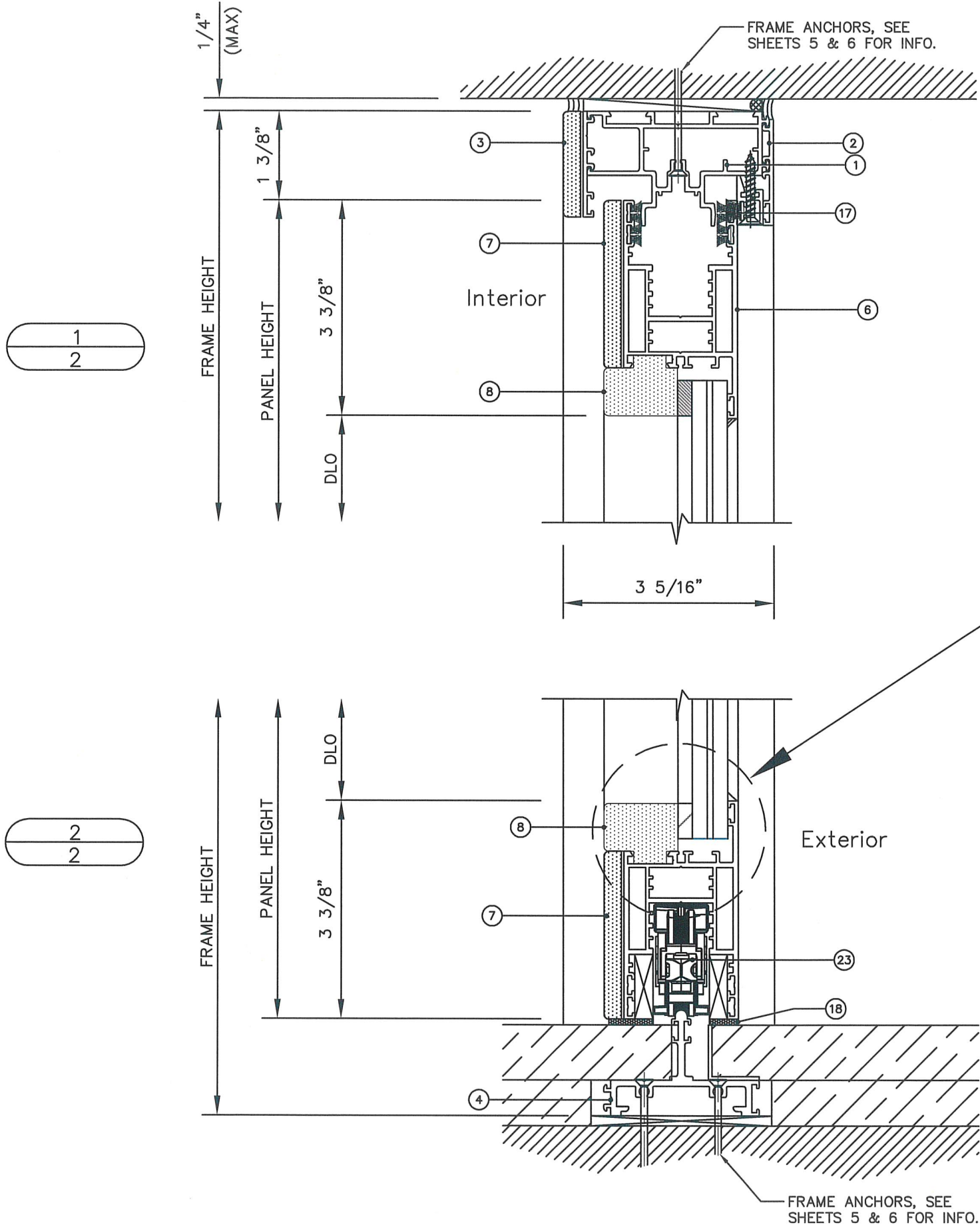


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CARRIL DE SAN CRISTOBAL 134-A
PARK INDUSTRIAL CHACHAPA
AMOCOC DE MOTA, PUEBLA, MEXICO 72990

DWG: **MALS-WZ3**
SHEET: **2/11**

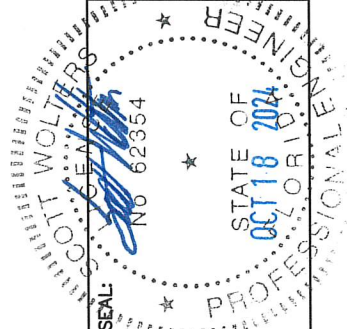
REV.#	DATE	PRINTS ISSUED FOR
1	2/10/23	1ST SUBMITTAL

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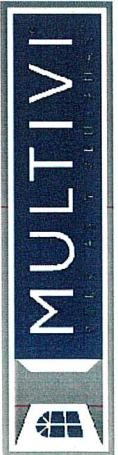


GLAZING DETAIL

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 - 2. FOR AREAS WHERE RESISTANCE TO WATER INFILTRATION IS REQUIRED, THE DRAINAGE SYSTEM DETAILED IN SHEETS 9 & 10 MUST BE INSTALLED (DRAINAGE SYSTEM MUST BE APPROVED BY THE AHJ).



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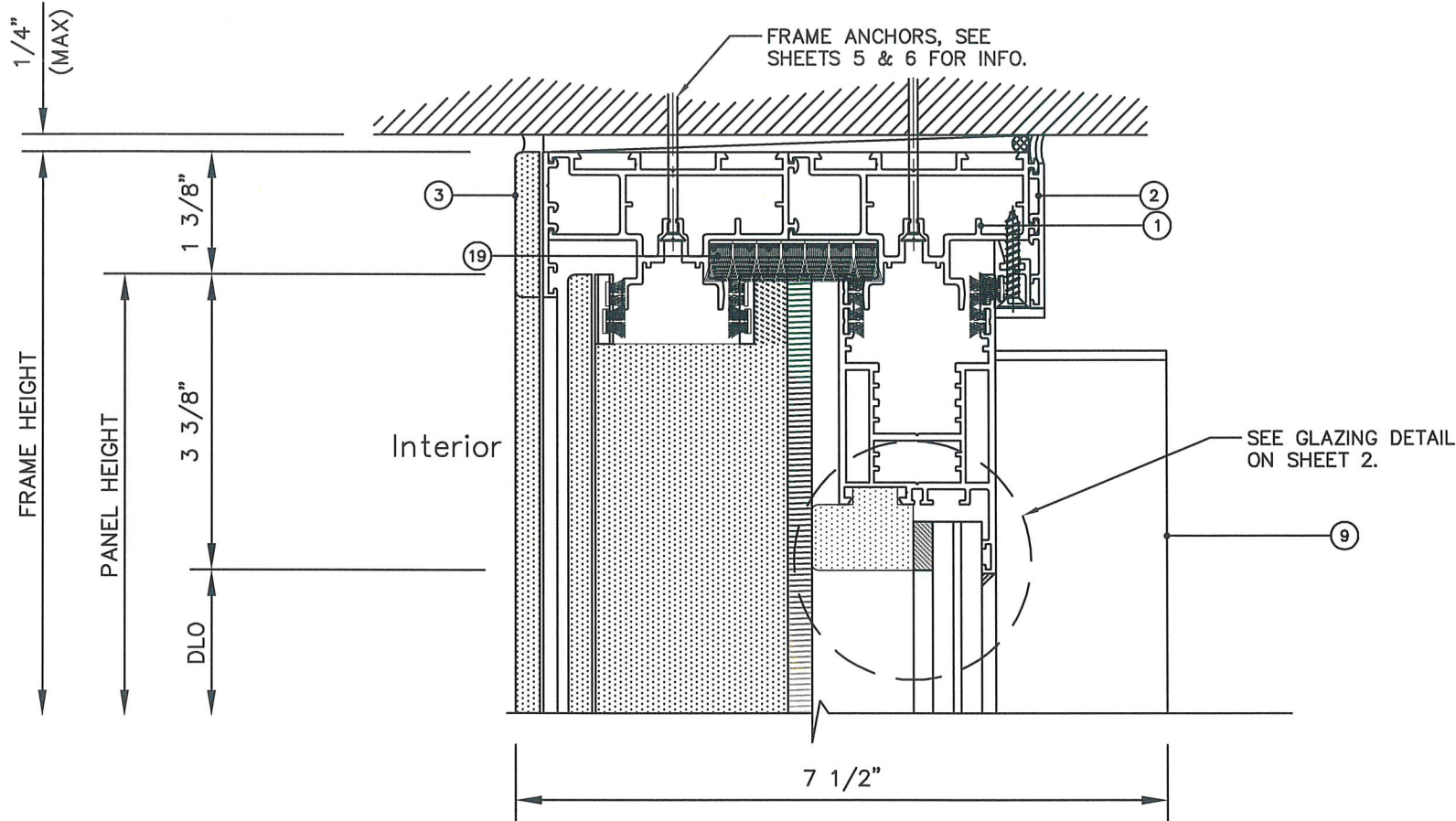
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DWG: MALS-WZ3
SHEET: 2/11

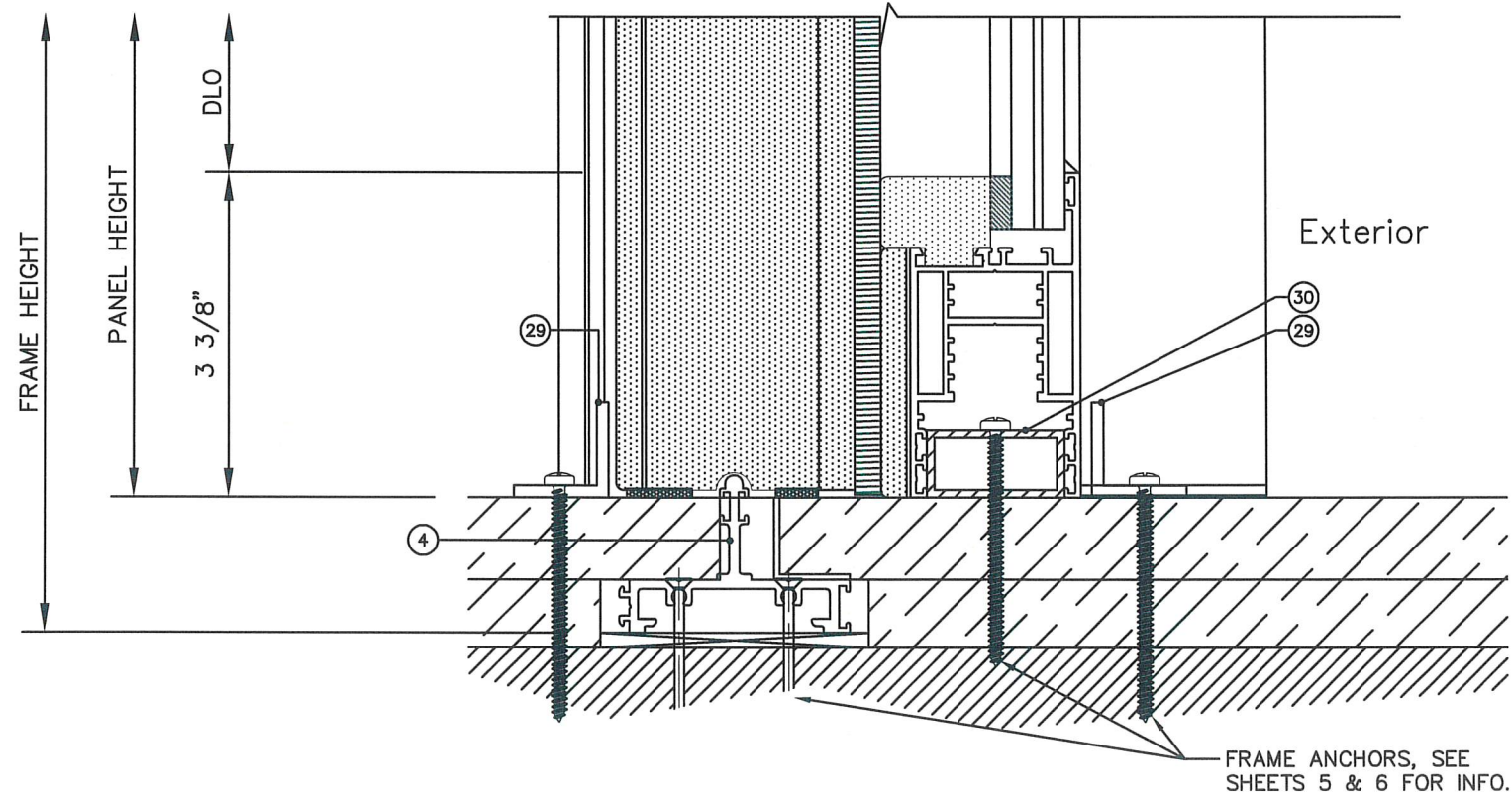
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2	2/10/23	PRINTS ISSUED FOR

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

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2



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2



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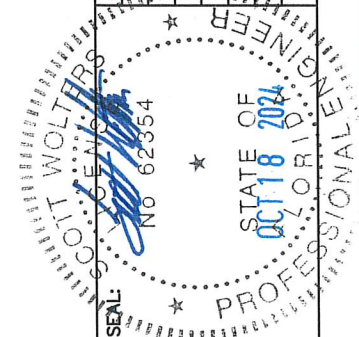
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DWG: **MALS-WZ3**
SHEET: **3/11**

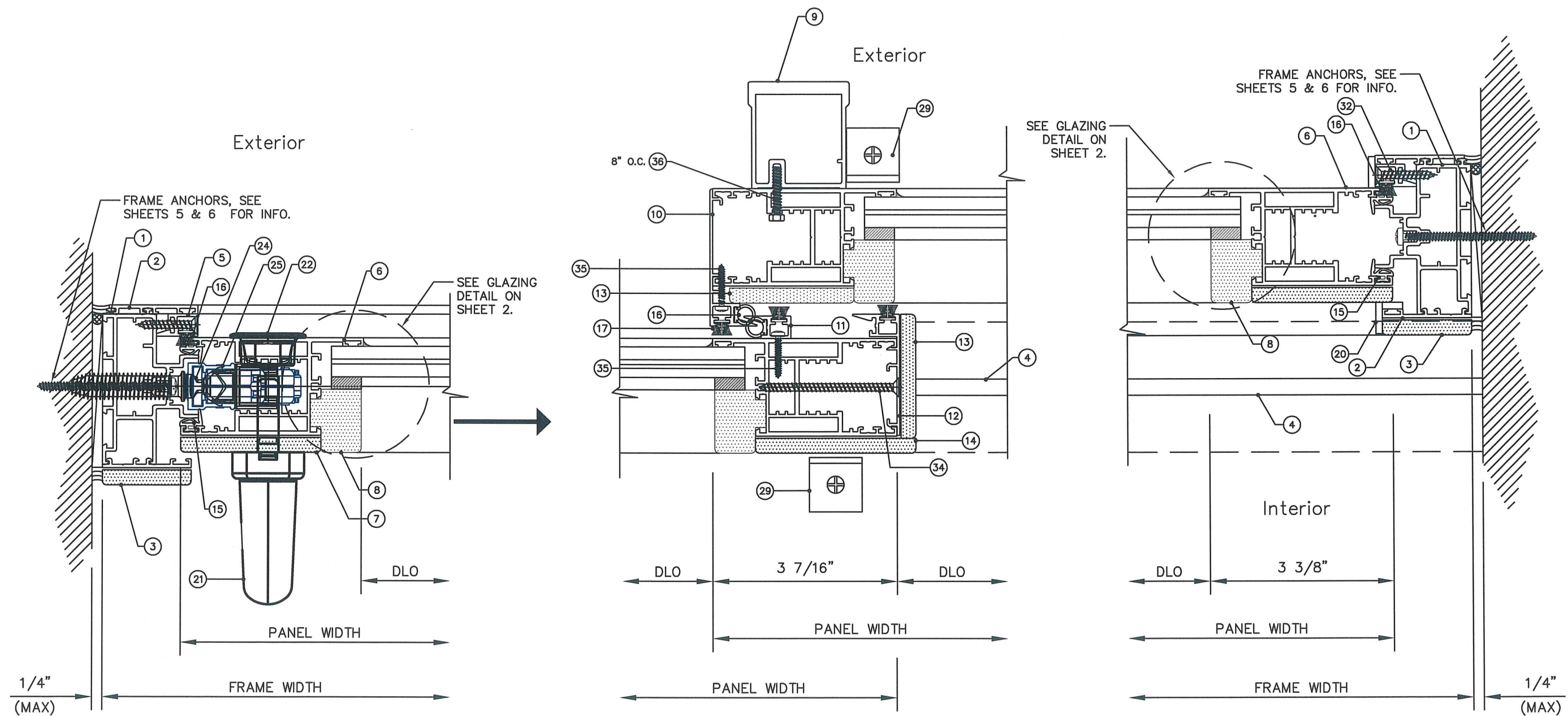
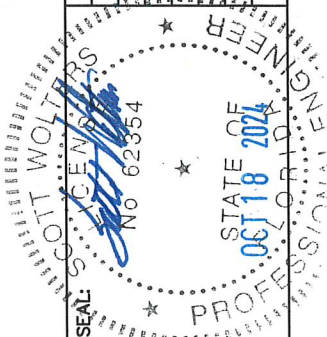
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2	2/10/23	DATE

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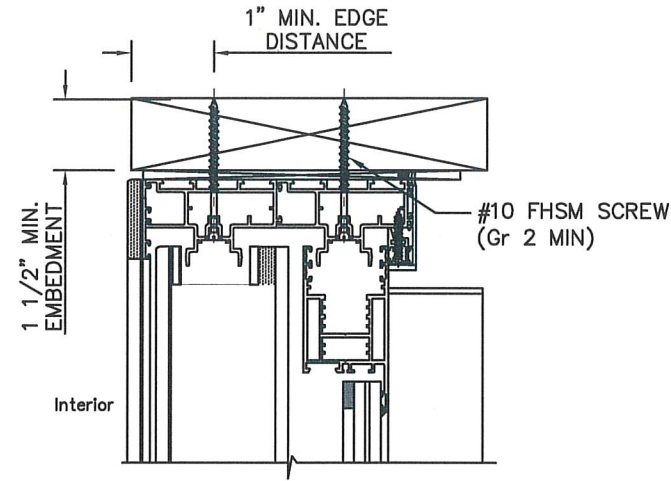
DWG:	MALS-WZ3
SHEET:	4/11

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

ANCHOR DETAILS

HEAD ANCHORS AT FIXED PANEL:

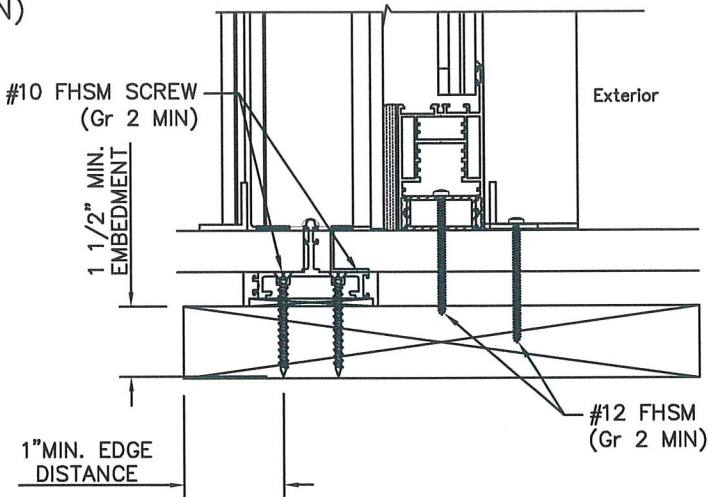
DIRECTLY TO WOOD
(2x, S.G.=0.5 MIN)



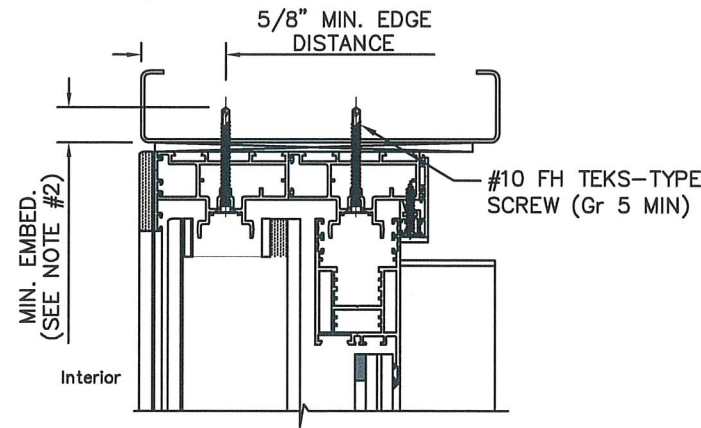
- ANCHOR NOTES:
1. SEE SHEET 6 FOR ANCHOR SPACING.
 2. MIN. EMBEDMENT FOR ANCHORS IN STEEL IS FULLY PENETRATING THE METAL WITH MIN. 3 THREADS BEYOND.
 3. OPTIONAL 1x PRESSURE TREATED WOOD BUCKS MAY BE USED FOR INSTALLATIONS INTO METAL OR CONCRETE. IF USED, THE WOOD BUCKS MUST BE ADEQUATELY ANCHORED TO PREVENT FASTENER BENDING.
 4. IF 2x WOOD BUCKS ARE USED, THEY MUST BE ADEQUATELY ANCHORED TO TRANSFER ALL LOADS FROM THE DOORS TO THE BUILDING SUBSTRATE.
 5. OPTIONAL WOOD BUCKS ARE SHOWN AT HEAD. THEY MAY ALSO BE USED AT SILL AND JAMBS.

SILL AT FIXED PANEL:

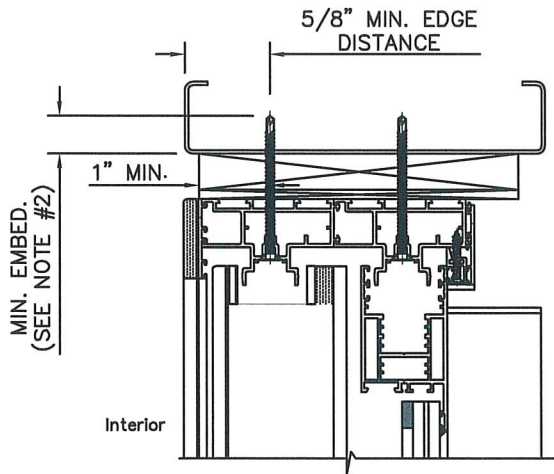
DIRECTLY TO WOOD
(2x, S.G.=0.5 MIN)



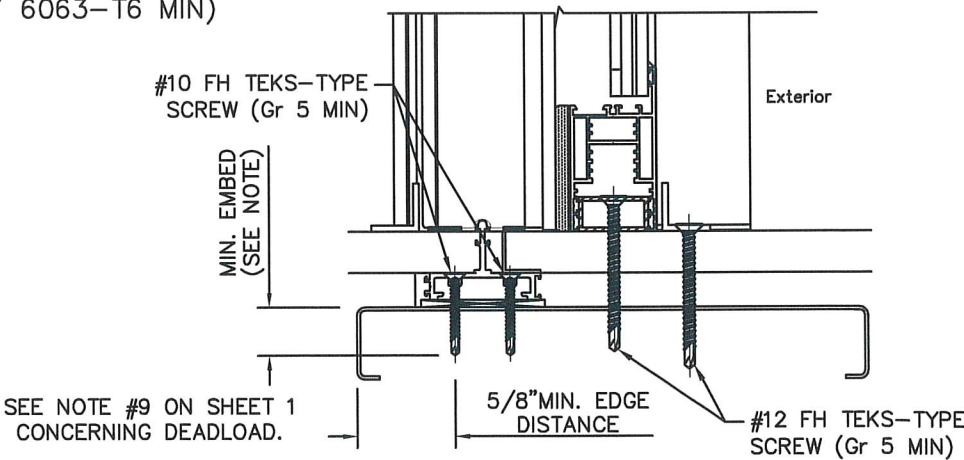
DIRECTLY TO METAL
(16 Ga, 45 ksi MIN)
or
(1/8" 6063-T6 MIN)



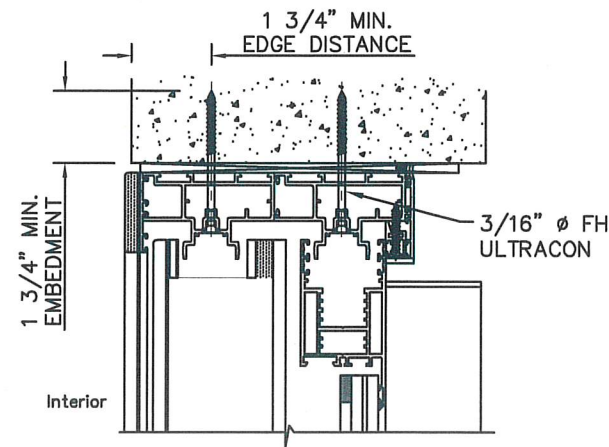
THRU WOOD BUCK
INTO METAL



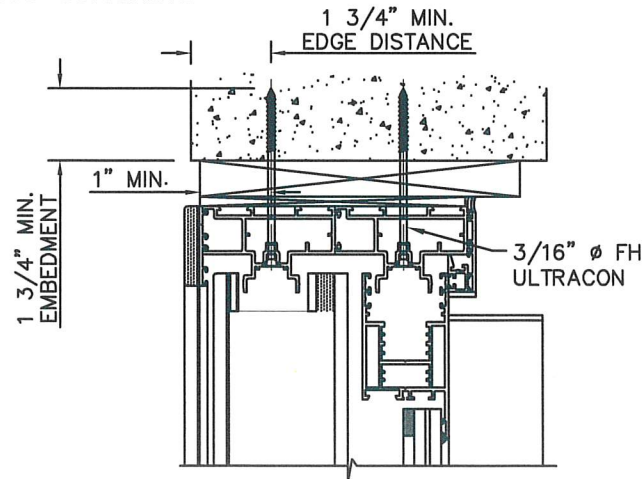
DIRECTLY TO METAL
(16 Ga, 45 ksi MIN)
or
(1/8" 6063-T6 MIN)



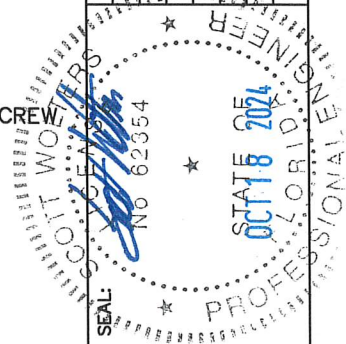
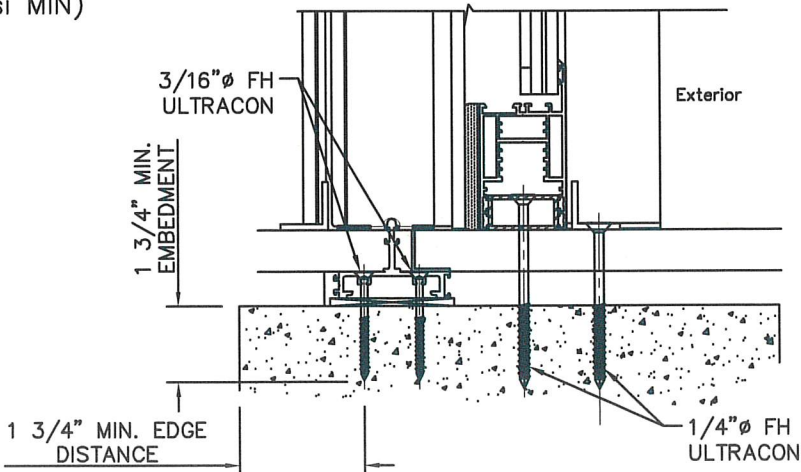
DIRECTLY TO CONCRETE
(3050 psi MIN)



THRU WOOD BUCK
INTO CONCRETE



DIRECTLY TO CONCRETE
(3050 psi MIN)



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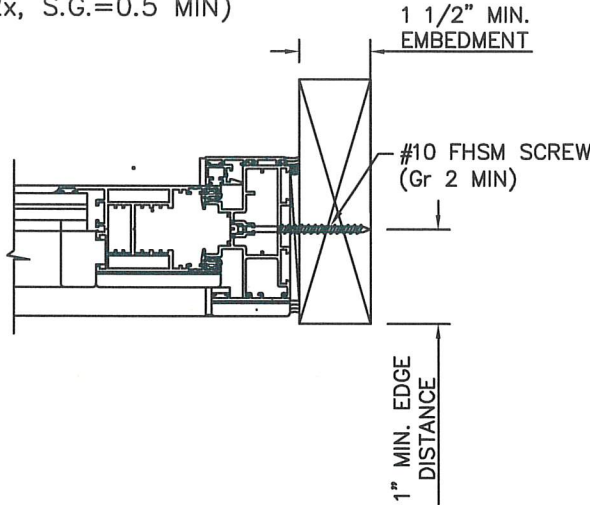
DWG: MALS-WZ3
SHEET: 5/11

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

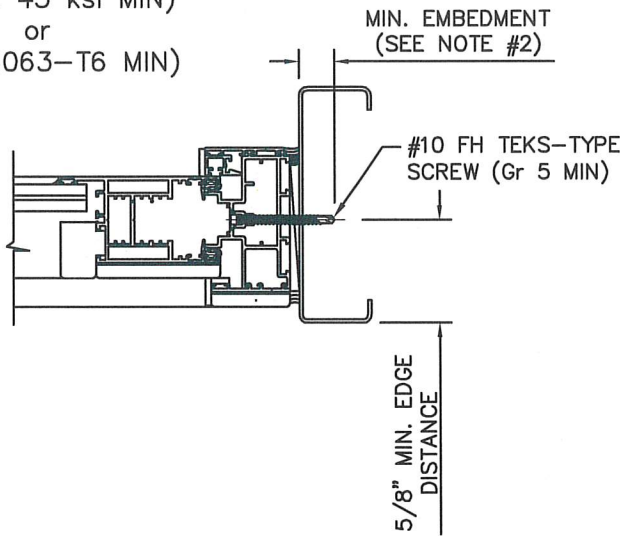
ANCHOR DETAILS

JAMB ANCHORS AT FIXED PANEL:
(OPERABLE JAMB SIMILAR)

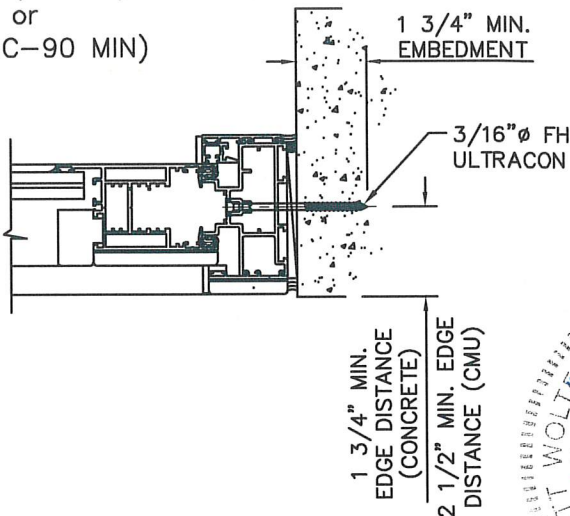
DIRECTLY TO WOOD
(2x, S.G.=0.5 MIN)



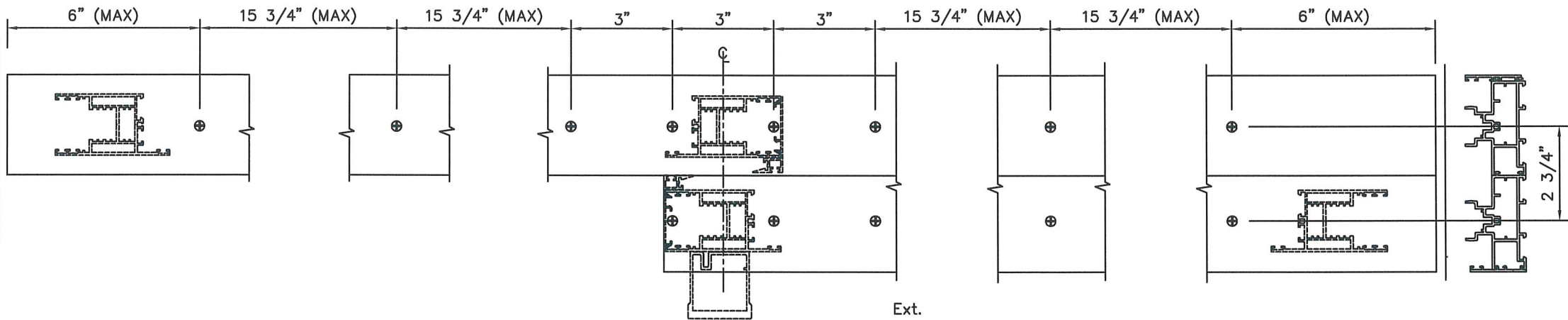
DIRECTLY TO METAL
(16 Ga, 45 ksi MIN)
or
(1/8" 6063-T6 MIN)



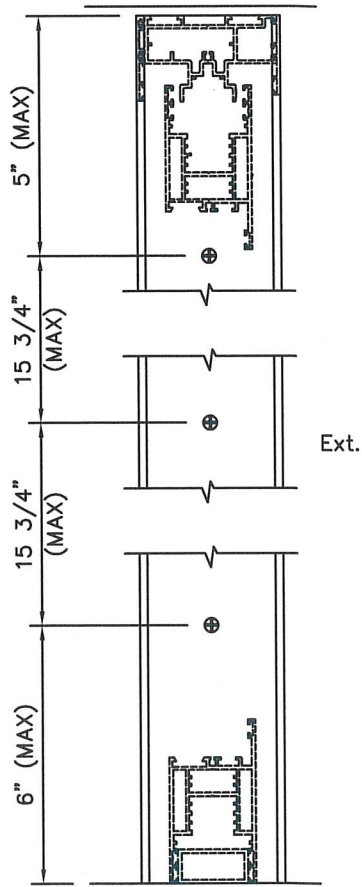
DIRECTLY TO CONCRETE/CMU
(3050 psi MIN)
or
(ASTM C-90 MIN)



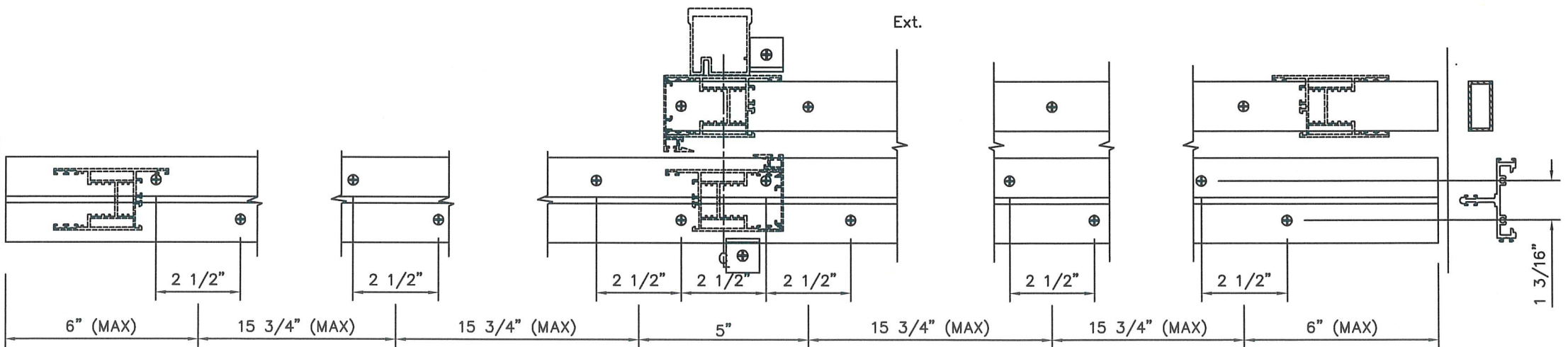
HEAD ANCHOR LOCATIONS:



JAMB ANCHOR LOCATIONS:



SILL ANCHOR LOCATIONS:



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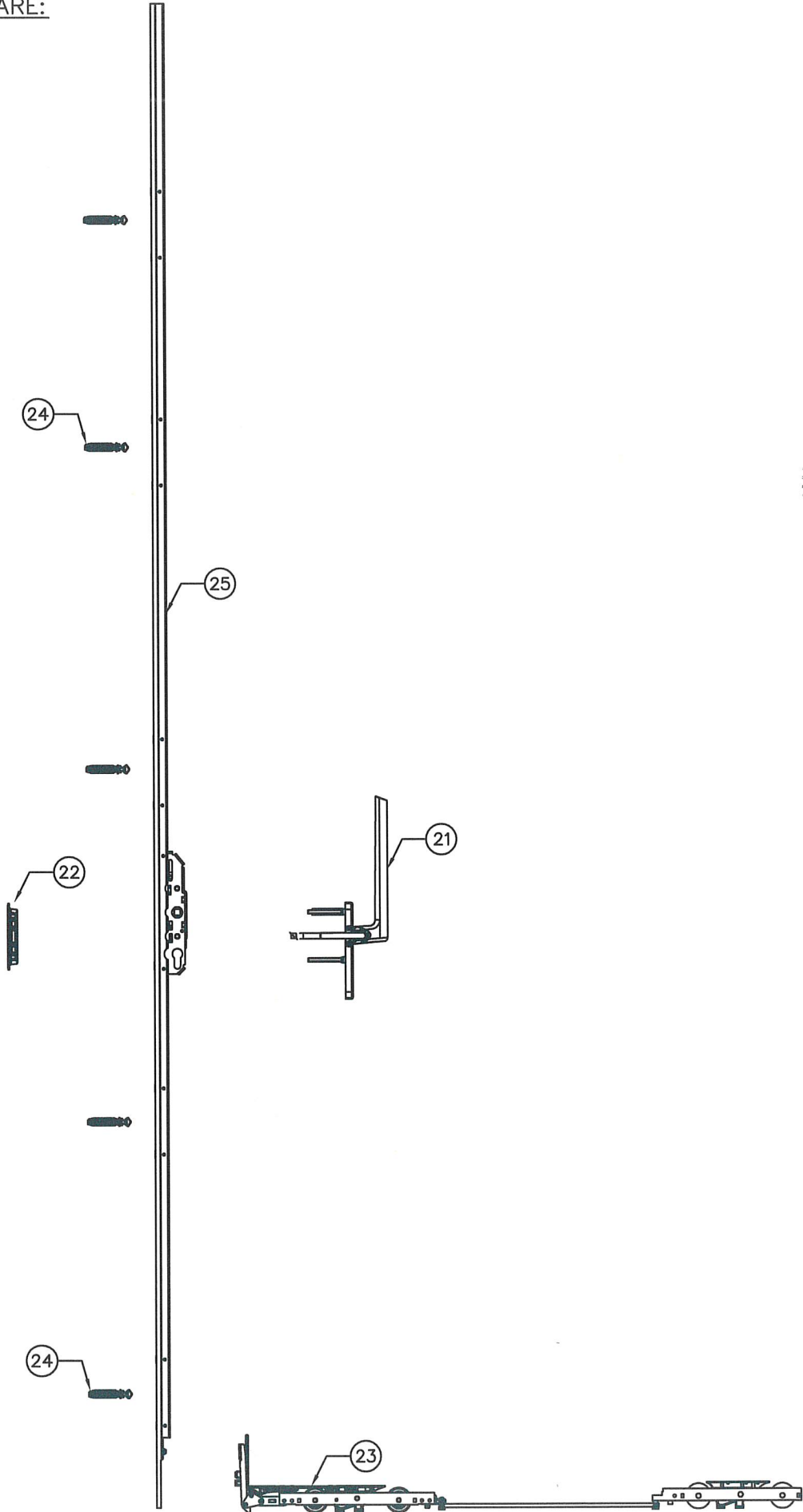
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DWG: MALS-WZ3
SHEET: 6/11

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

HARDWARE:

BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	NOTES
01	FRAME HEAD/JAMB	6063-T5 ALUMINUM	
02	FRAME HEAD/JAMB COVER	6063-T5 ALUMINUM	
03	WOOD CLADDING	AMERICAN OAK	
04	BOTTOM TRACK	6063-T5 ALUMINUM	
05	FRAME HEAD/JAMB ADAPTOR	6063-T5 ALUMINUM	
06	SASH RAIL/STILE	6063-T5 ALUMINUM	
07	WOOD CLADDING	AMERICAN OAK	
08	GLASS STOP	AMERICAN OAK	SET IN SEALANT
09	INTERLOCK REINFORCING	6063-T5 ALUMINUM	
10	SASH STILE COVER	6063-T5 ALUMINUM	
11	INTERLOCK ADAPTOR	6063-T5 ALUMINUM	
12	SASH STILE COVER	6063-T5 ALUMINUM	
13	WOOD CLADDING	AMERICAN OAK	
14	WOOD CLADDING	AMERICAN OAK	
15	BULB WEATHER-STRIPPING	VINYL	
16	BULB GASKET	VINYL	
17	PILE WEATHER-STRIPPING		
18	FOAM TAPE	EPDM	
19	PILE WEATHER-STRIPPING		
20	SEALANT	POLYURETHANE	
21	LIFTING HANDLE	STEEL	
22	FLUSH PULL	ALUMINUM	
23	ROLLERS	STEEL	EVOLUTION TRI-COAT
24	LOCKING BOLT	STEEL	EVOLUTION TRI-COAT
25	CREMONE	STEEL	EVOLUTION TRI-COAT
26	SASH CORNER ANGLE	6063-T5 ALUMINUM	
27	LOWER GUIDE	6063-T5 ALUMINUM	
28	UPPER GUIDE	6063-T5 ALUMINUM	
29	REINFORCEMENT ANGLE	6063-T5 ALUMINUM	
30	STEEL TUBE	STEEL (A60 MIN)	
31	1/4" x 2 3/4" CAP SCREW	STEEL	
32	#8 x 1" FHSM SCREW	STAINLESS STEEL	
33	PLASTIC SHIM		
34	#10 x 3" FHSM SCREW	STAINLESS STEEL	
35	#8 x 3/4" PHSM SCREW	STAINLESS STEEL	
36	1/4" x 3/4" HH CAP SCREW	STEEL	
37	GLASS BLOCK	EPDM	MEETS FBC 2411.3.3.1
38	1/8" x 3/8" ALUMINUM RIVET	ALUMINUM	
39	CORNER KEY ANGLE	ALUMINUM	
40	FRAME CORNER ANGLE	ALUMINUM	
41	#8 x 2" PHSM SCREW	STAINLESS STEEL	



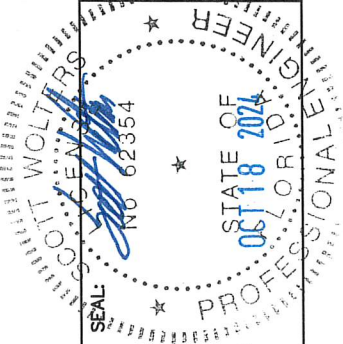


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DWG: **MALS-WZ3**
SHEET: **7/11**

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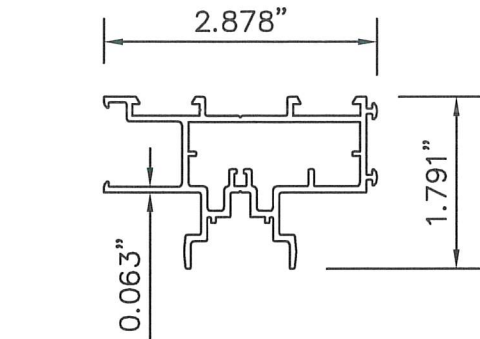
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SEAL: 

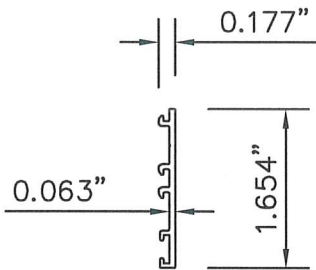
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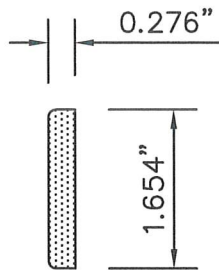
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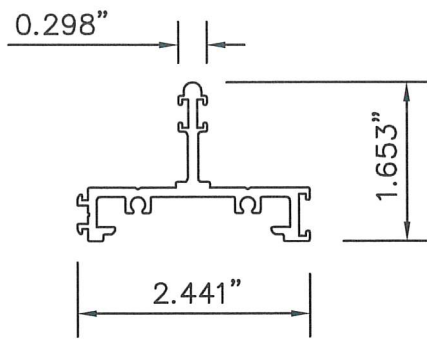
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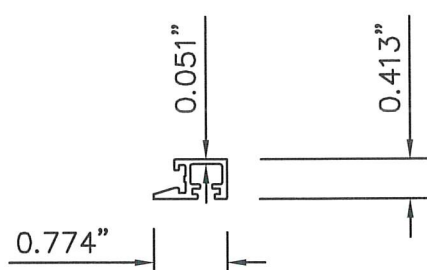
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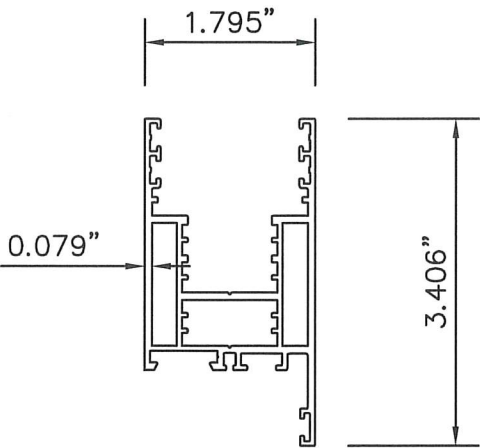
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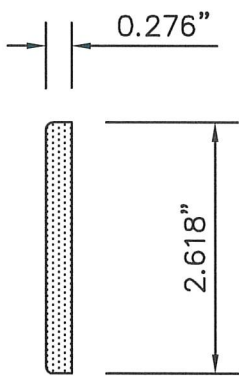
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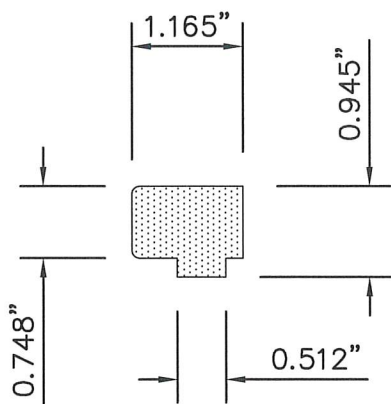
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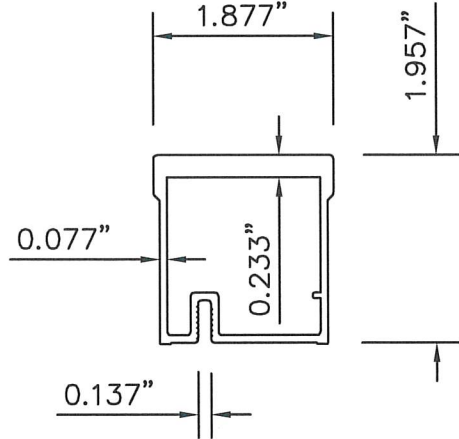
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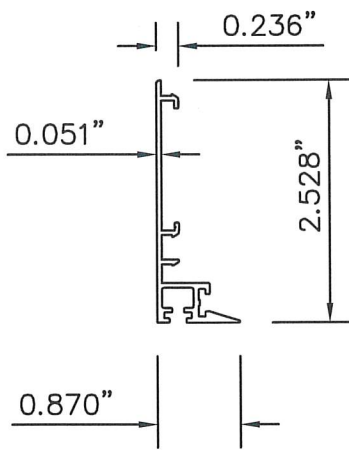
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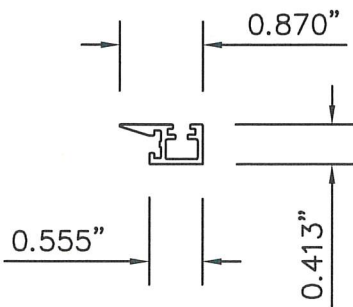
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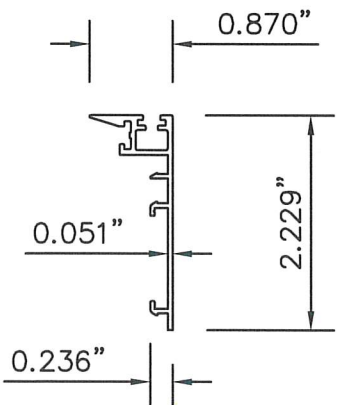
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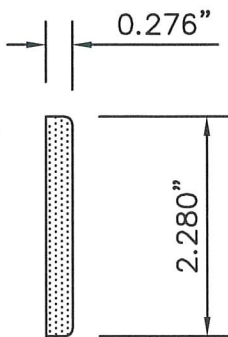
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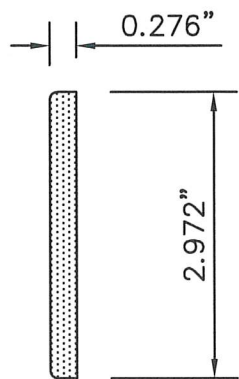
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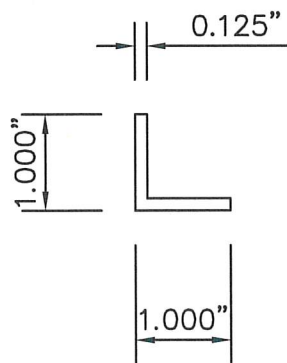
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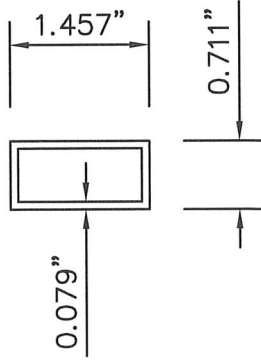
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14



29



30



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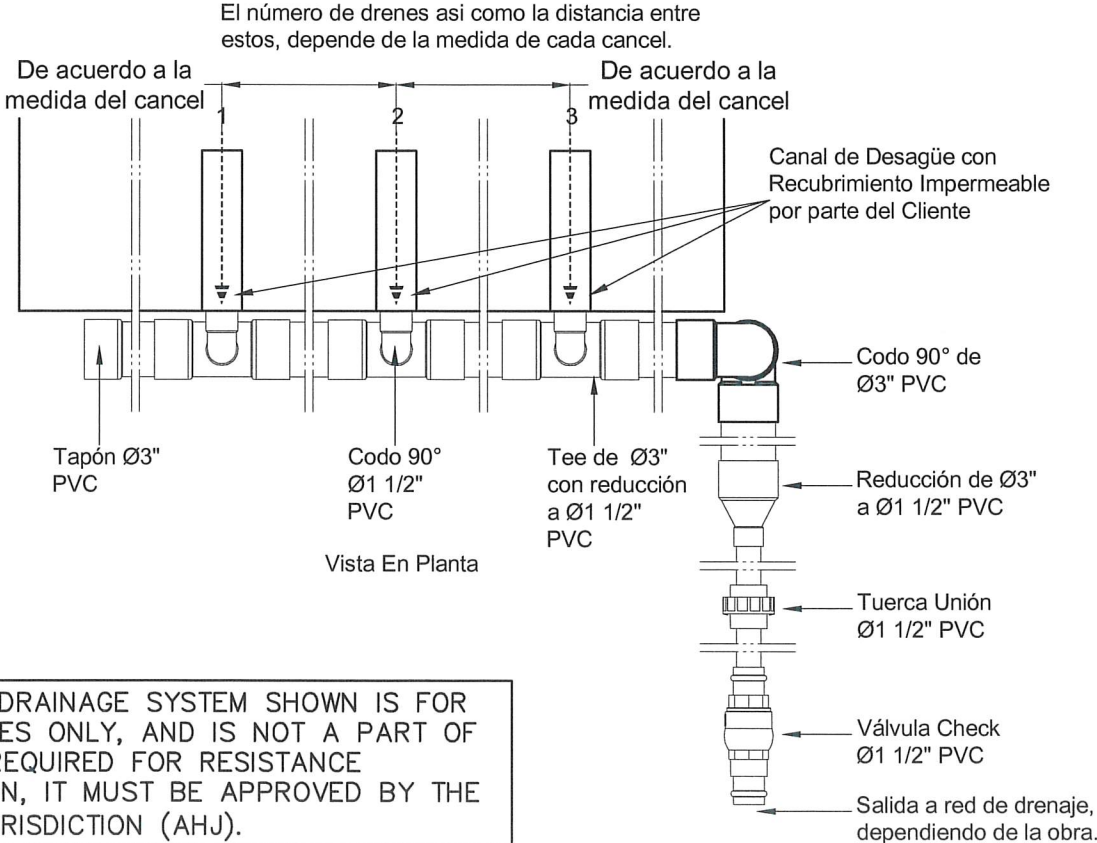
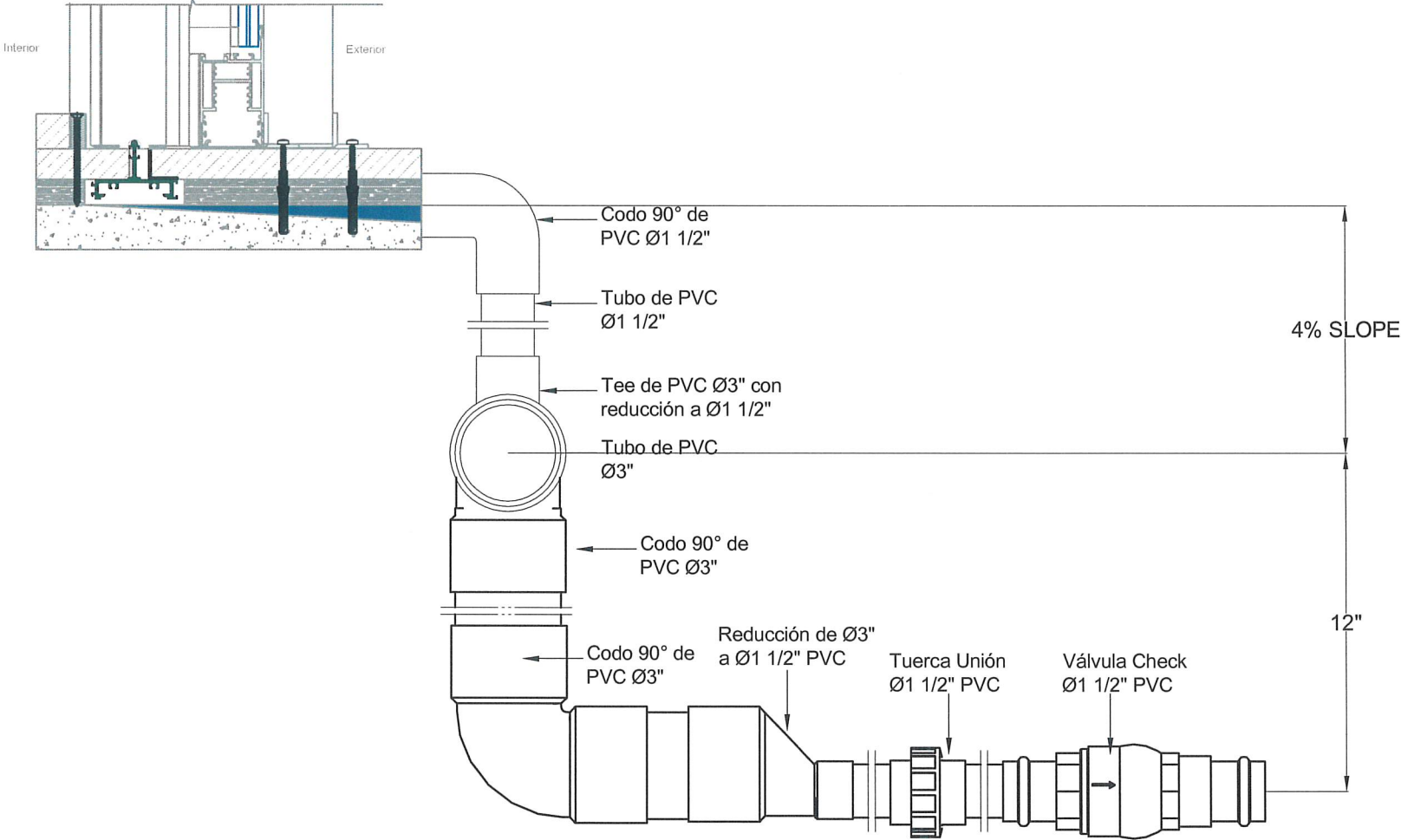
MULTIVI S.A. DE C.V.
CARRIL DE SAN CRISTOBAL 134-A
PARK INDUSTRIAL CHACHAPA
AMOCOC DE MOTA, PUEBLA, MEXICO 72990
PH: +52 (222) 2 40 33 00
+521 (222) 7 08 78 67

DWG: MALS-WZ3
SHEET: 8/11

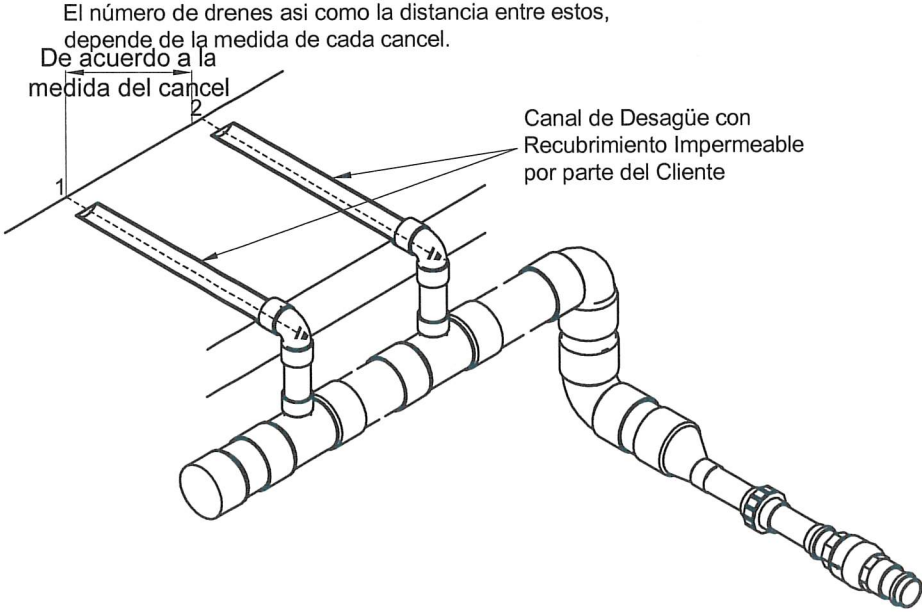
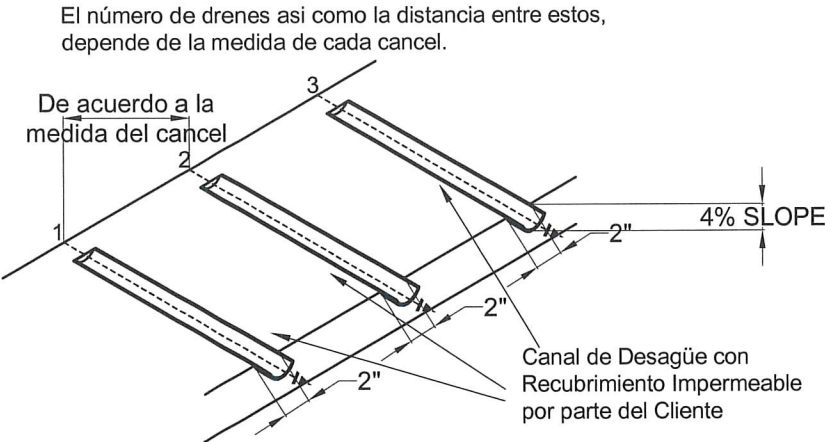
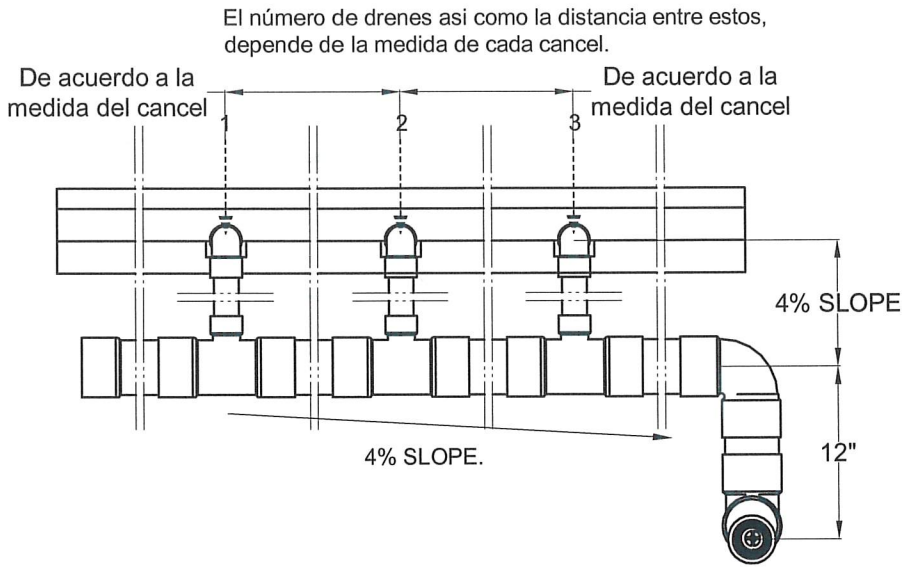
REV.#	DATE	PRINTS ISSUED FOR
1	2/10/23	1ST SUBMITTAL

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

DRAINAGE DETAILS



PLEASE NOTE — THE DRAINAGE SYSTEM SHOWN IS FOR ILLUSTRATION PURPOSES ONLY, AND IS NOT A PART OF THIS APPROVAL. IF REQUIRED FOR RESISTANCE TO WATER INFILTRATION, IT MUST BE APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ).



DATE	2/10/23
REV#	
PRINTS ISSUED FOR	
1ST SUBMITTAL	

SCOTT WOLTERS
FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

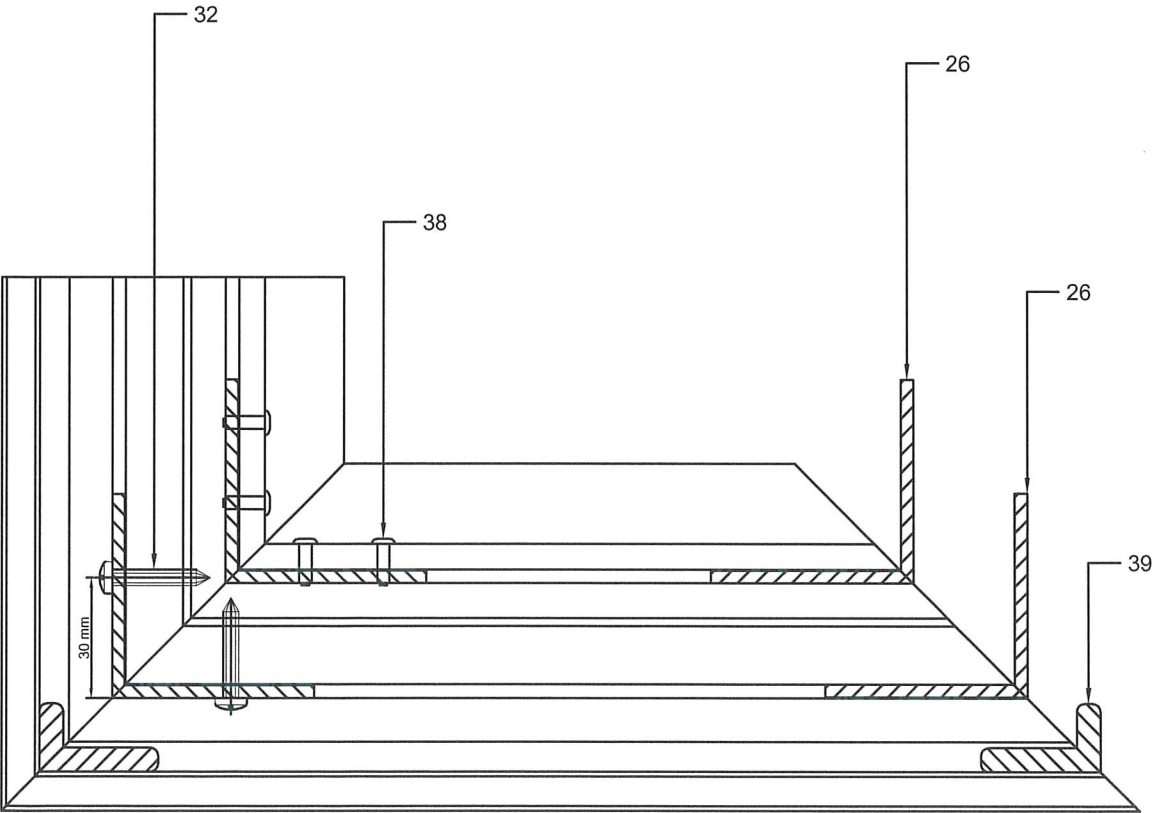
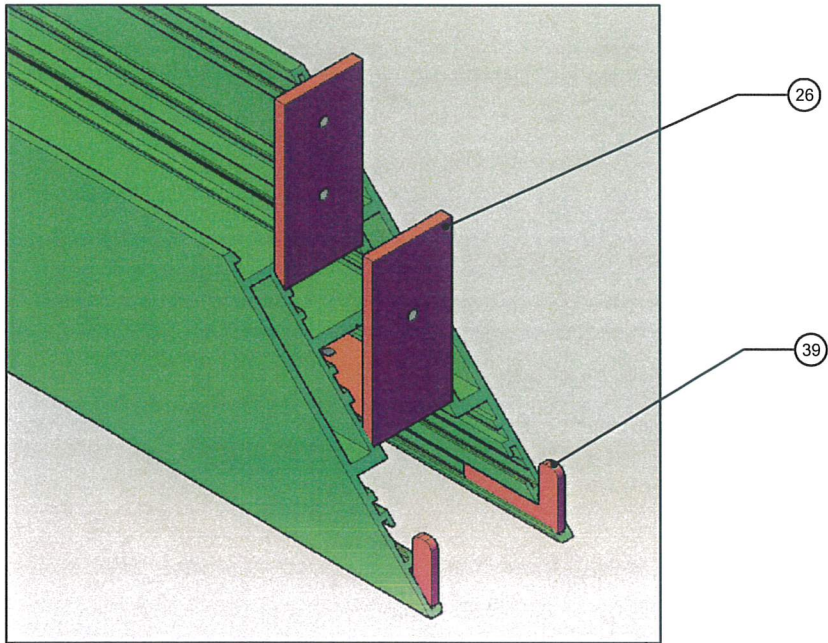
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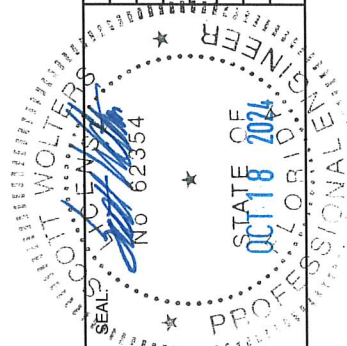
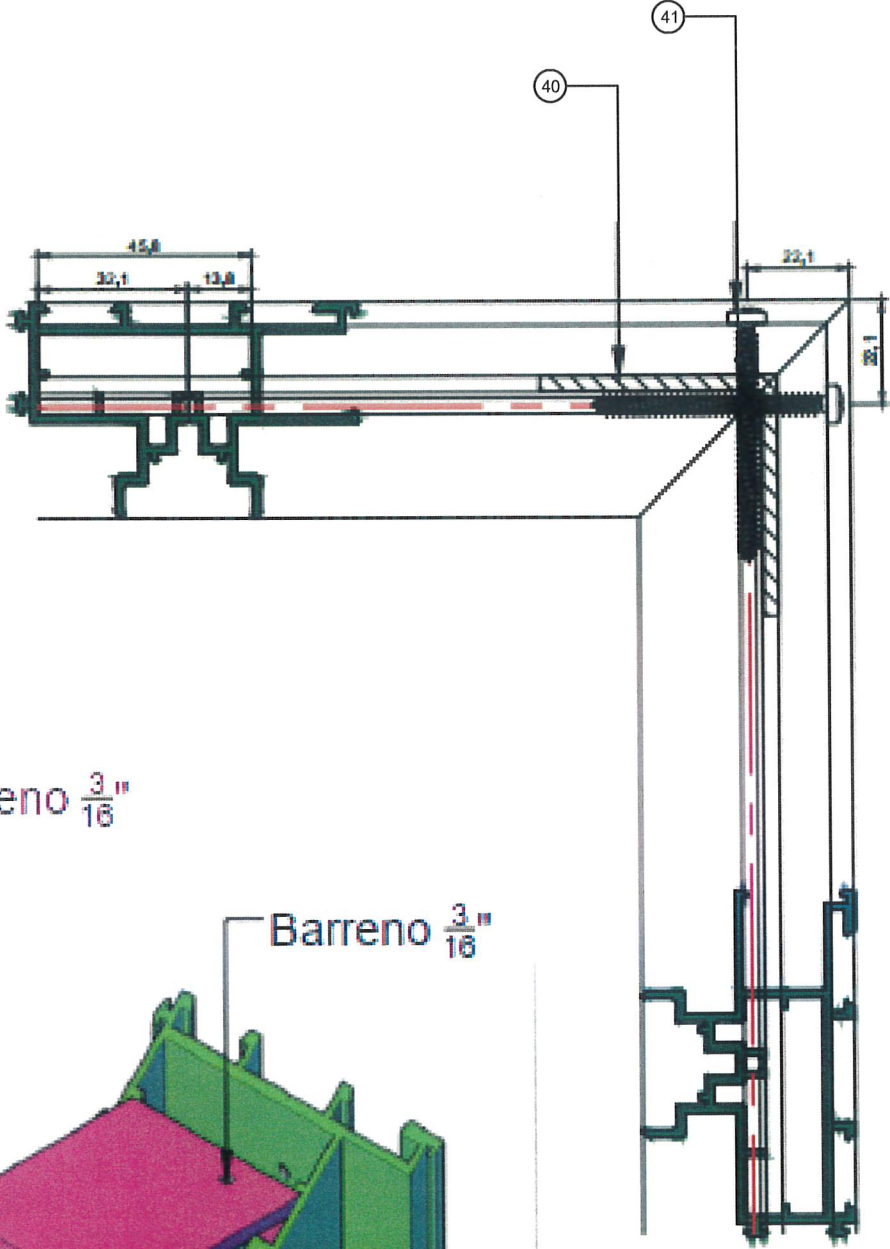
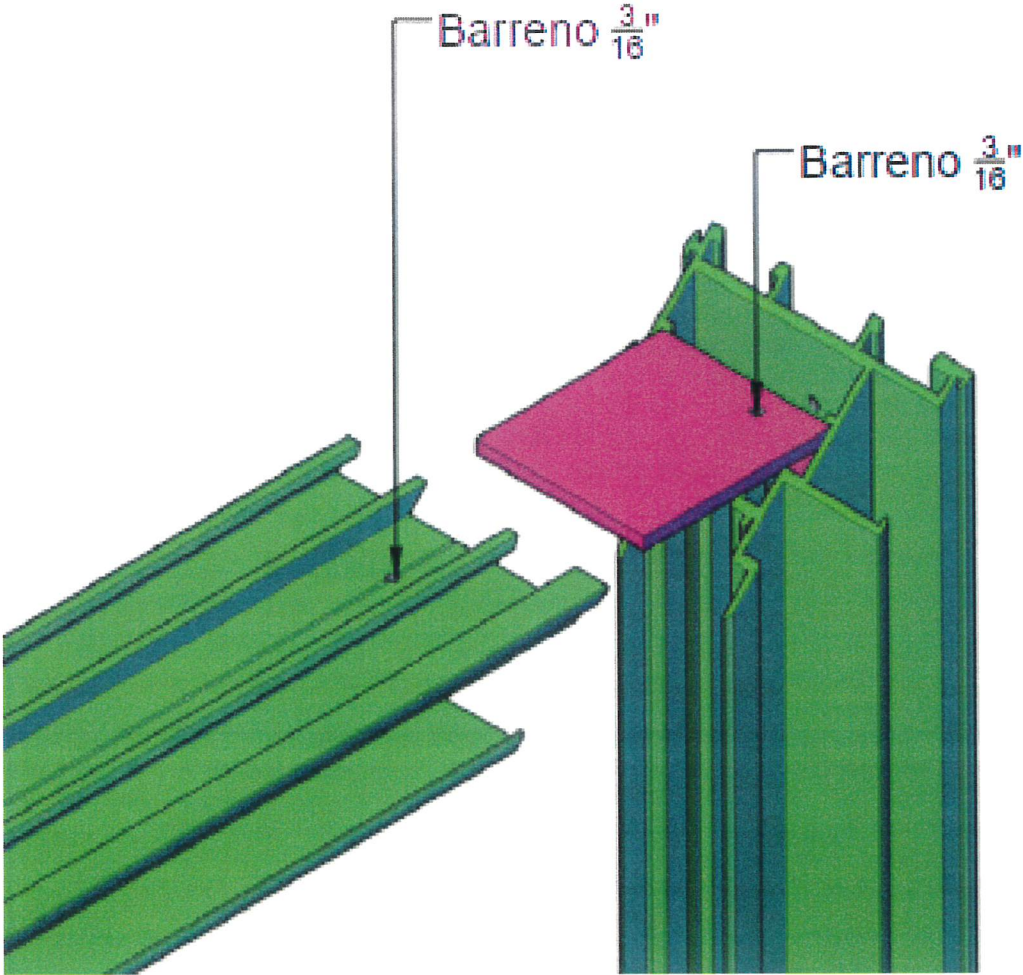
DWG: MALS-WZ3
SHEET: 10/11

MULTIVI LIFT & SLIDE GLAZED ALUMINUM DOOR

SASH CORNER CONSTRUCTION:



FRAME CORNER CONSTRUCTION:



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