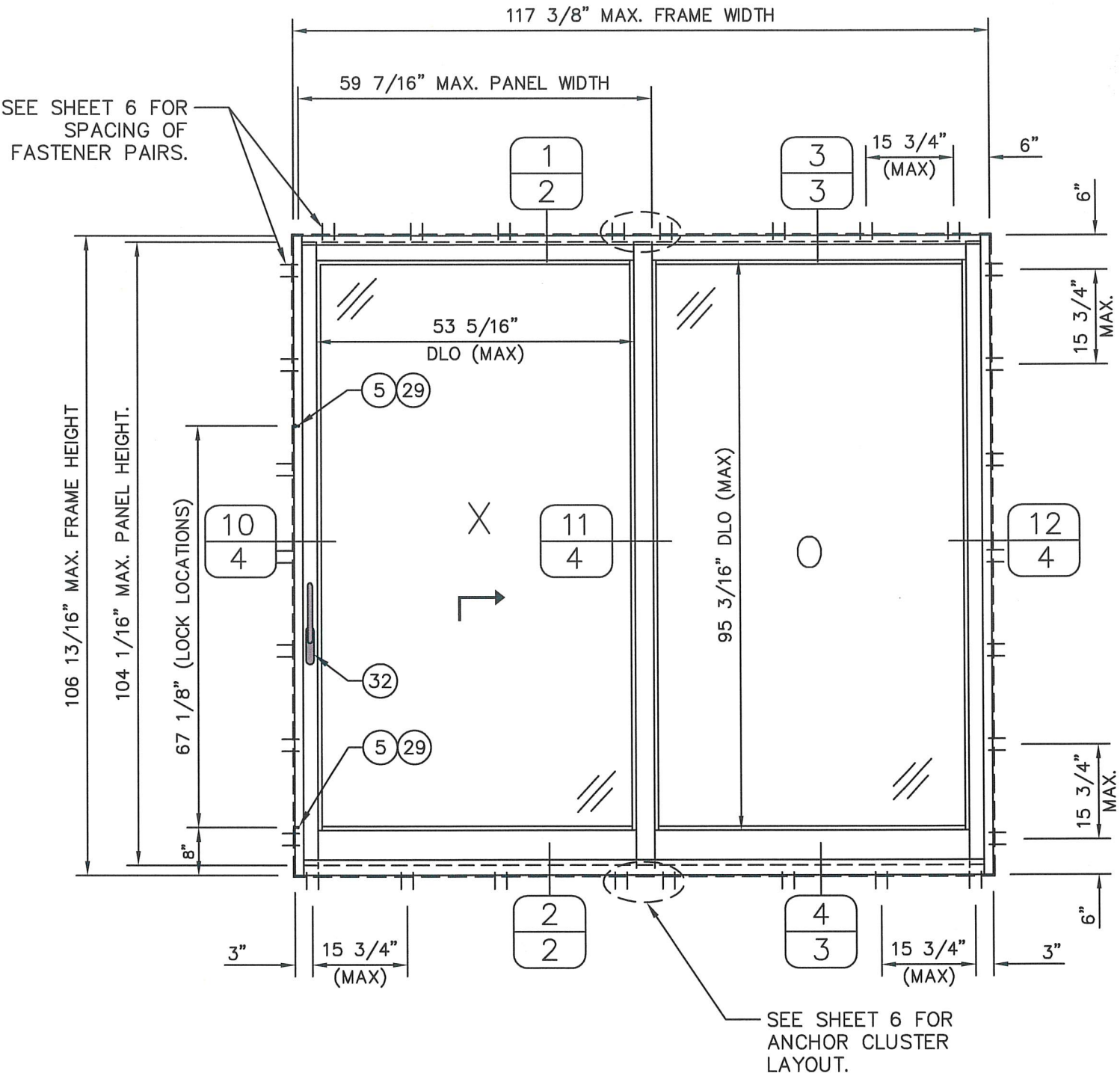


MULTIVI LIFT & SLIDE GLAZED WOOD DOOR
WITH ALUMINUM FRAME AND OPTIONAL ALUMINUM CLADDING

- GENERAL NOTES:
1. THIS PRODUCT HAS BEEN TESTED PER TAS 201, 202, & 203, AND MEETS ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, INCLUDING THE HVHZ PROVISIONS.
 2. THIS PRODUCT IS LARGE MISSILE IMPACT RESISTANT. SHUTTERS ARE NOT REQUIRED IN WINDBORNE DEBRIS REGIONS.
 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. SEE SHEET 13 FOR CORNER CONSTRUCTION INFO.
 9. ALL WOOD SHAPES ARE MADE FROM AMERICAN OAK (S.G.=0.68, E=1.7x10 psi min)
 10. METAL SUBSTRATES AT SILL MUST BE REVIEWED FOR ADDITIONAL DEAD LOADS AND APPROVED BY THE AUTHORITIES HAVING JURISDICTION (AHJ).
 11. THE STANDARD DOOR IS NOT APPROVED FOR USE IN AREAS WHERE WATER INFILTRATION IS REQUIRED. THE DRAINAGE SYSTEM SHOWN ON SHEETS 7 & 8 IS NOT A PART OF THIS APPROVAL, BUT IT MAY BE APPROVED FOR RESISTANCE TO WATER INFILTRATION BY THE AHJ.

DESIGN PRESSURE
+/- 55 PSF*

* WHERE RESISTANCE TO WATER INFILTRATION IS REQUIRED, THE DRAINAGE SYSTEM SHOWN ON SHEETS 7 & 8 MUST BE APPROVED BY THE AUTHORITIES HAVING JURISDICTION (AHJ).



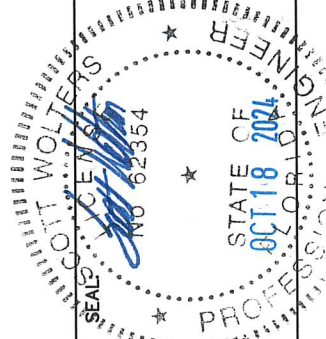
OX (LIFT & SLIDE)
INTERIOR ELEVATION VIEW
(NOT TO SCALE)



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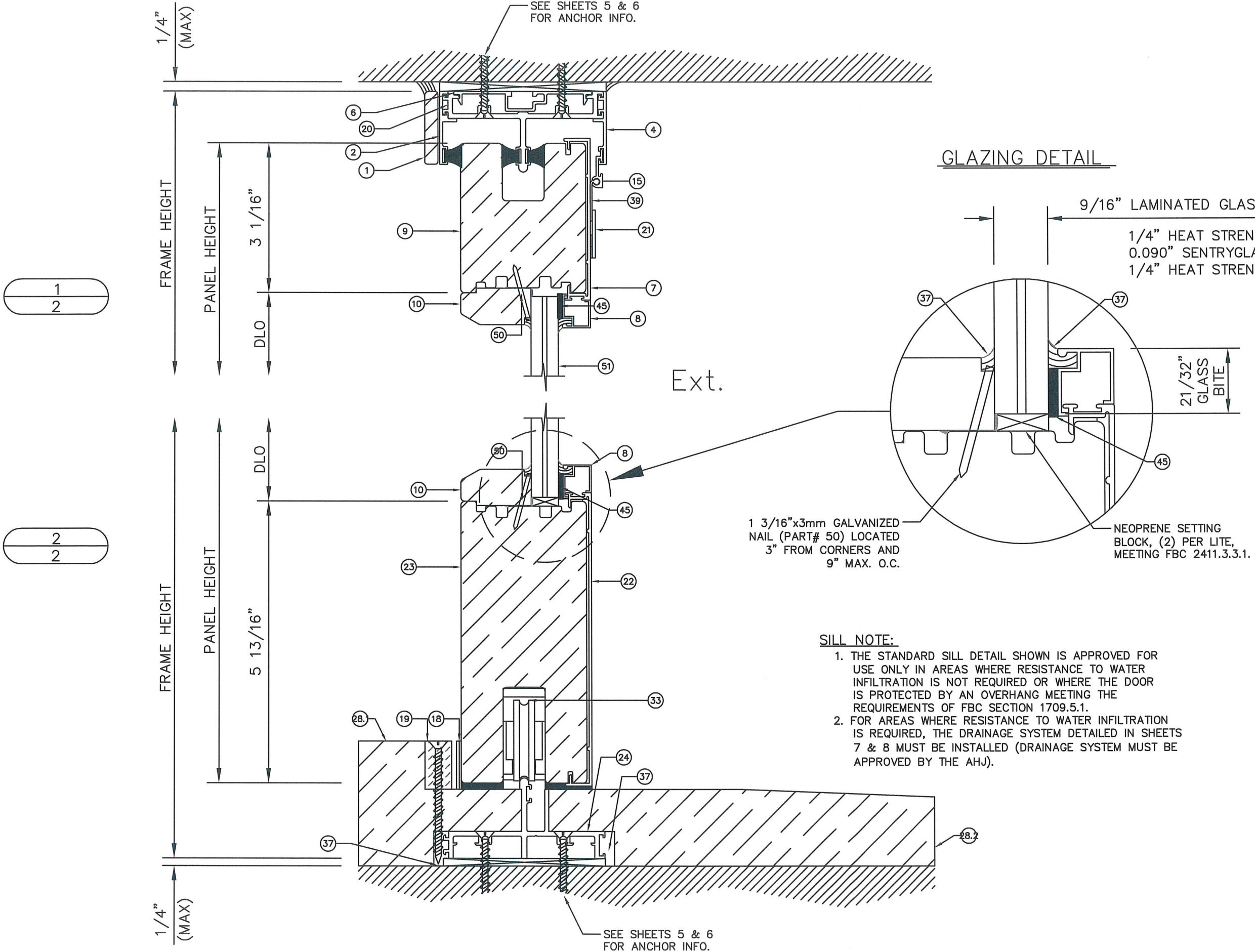
DWG: MLS-LMIHZ
SHEET: 1/13

SCOTT WOLTERS
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REV#	DATE	PRINTS ISSUED FOR
1	10/18/24	CODE UPDATE
1	2/10/23	CODE UPDATE
1	10/15/19	1ST SUBMITTAL

MULTIVI LIFT & SLIDE GLAZED WOOD DOOR



REV#	DATE	PRINTS ISSUED FOR
2	10/18/24	CODE UPDATE
1	2/10/23	CODE UPDATE
-	10/15/19	1ST SUBMITTAL

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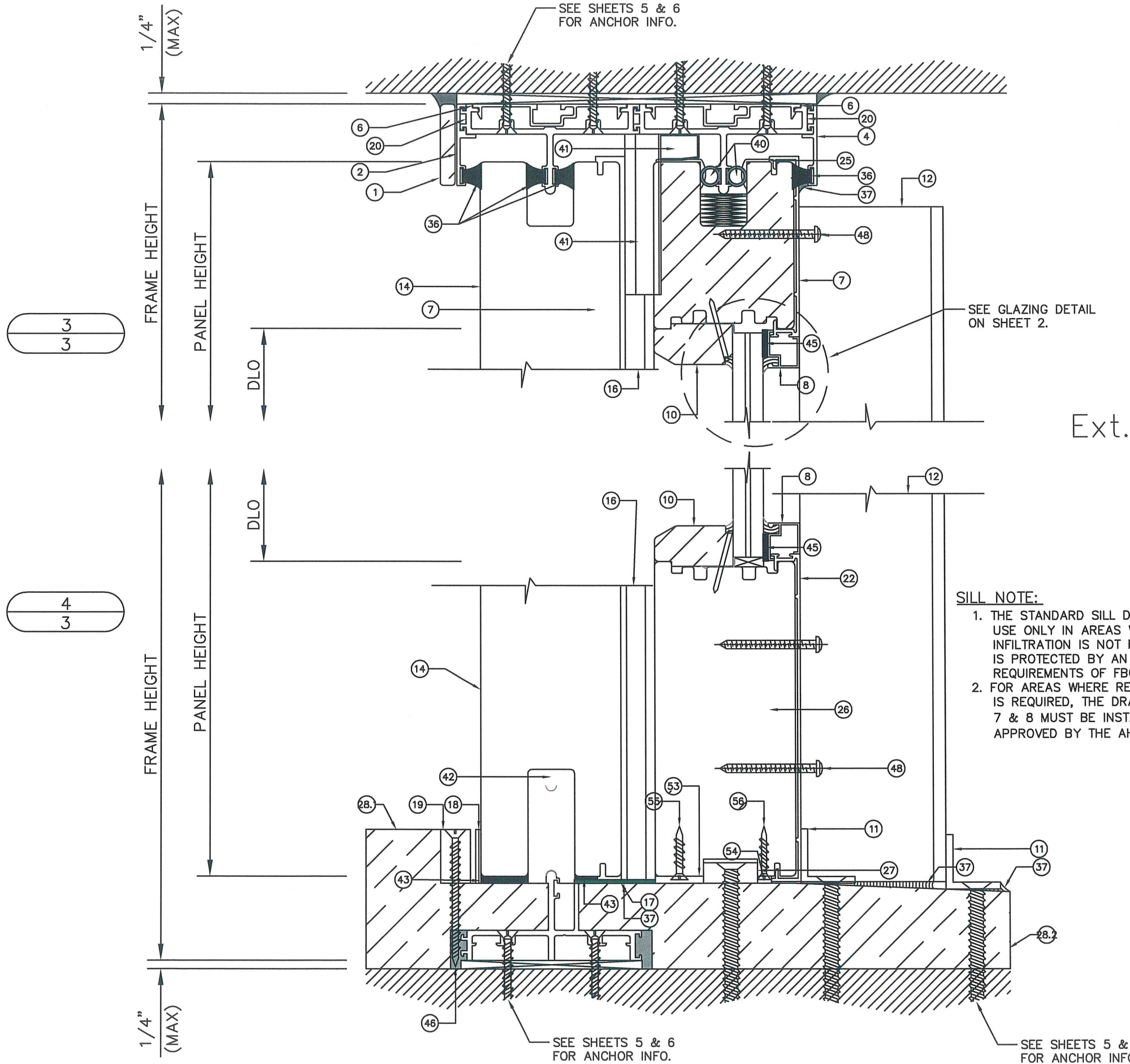
MULTIVI

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DWG: MLS-LMIHZ
SHEET: 2/13

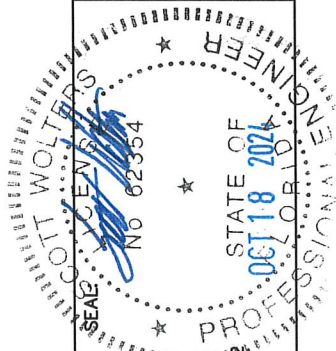
STATE OF FLORIDA
OCT 18 2024
PROFESSIONAL ENGINEER
SEAL: No. 62354

MULTIVI LIFT & SLIDE GLAZED WOOD DOOR



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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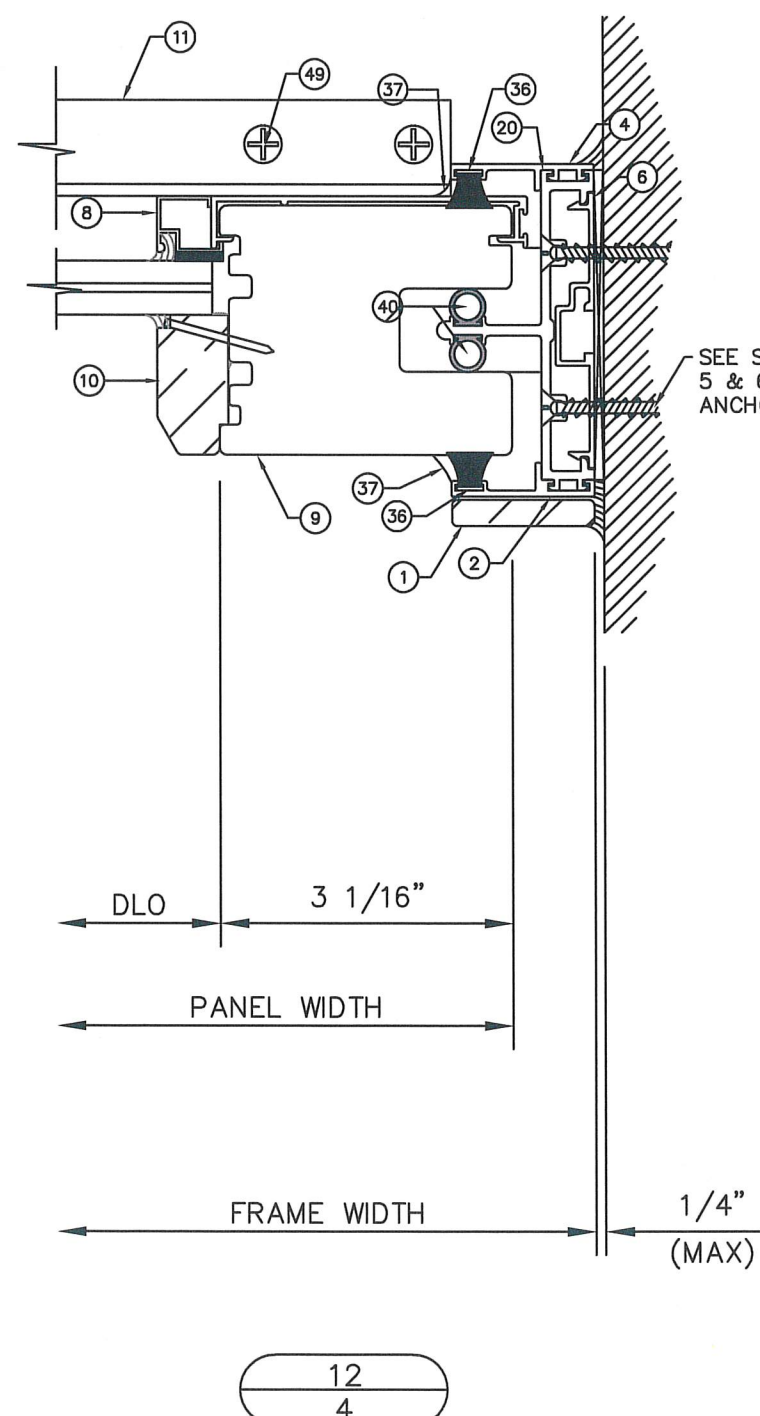
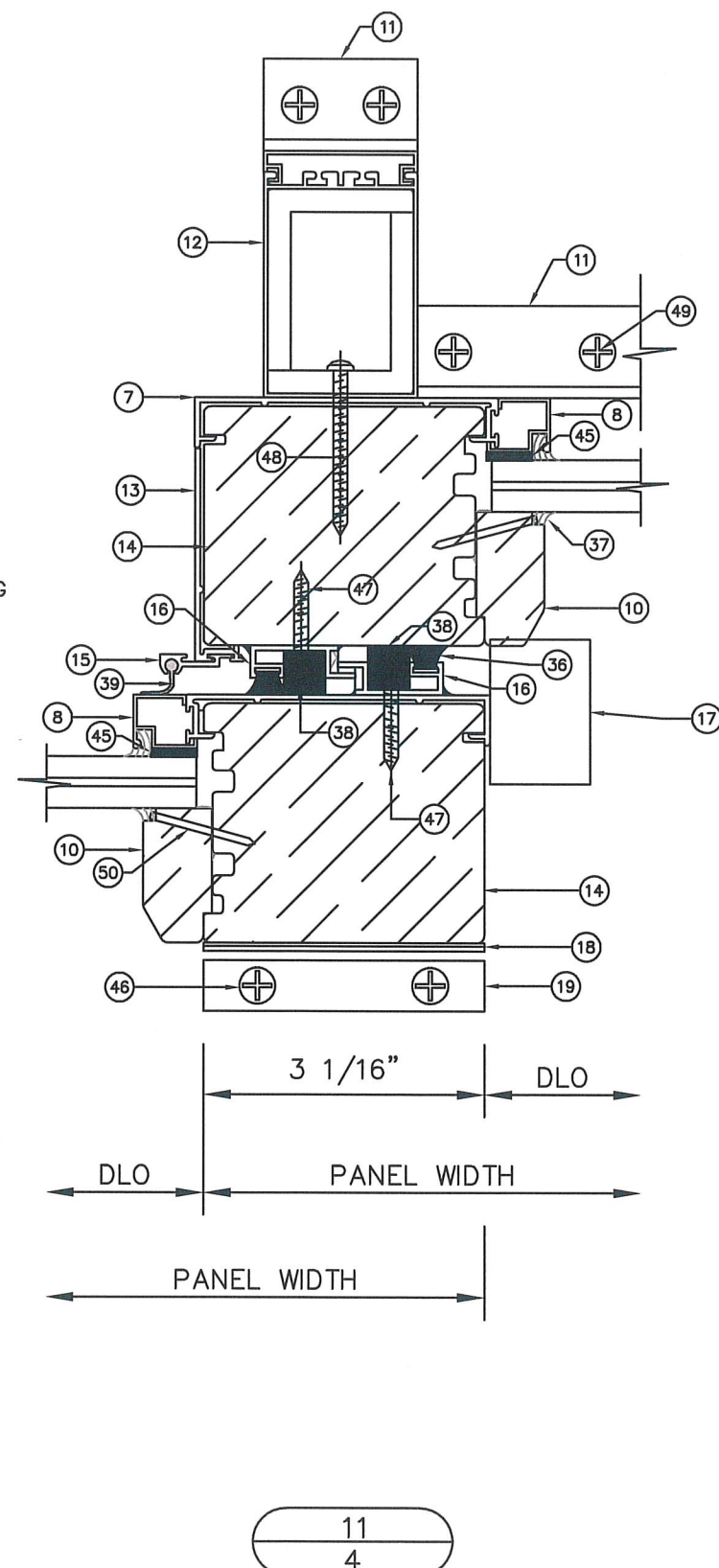
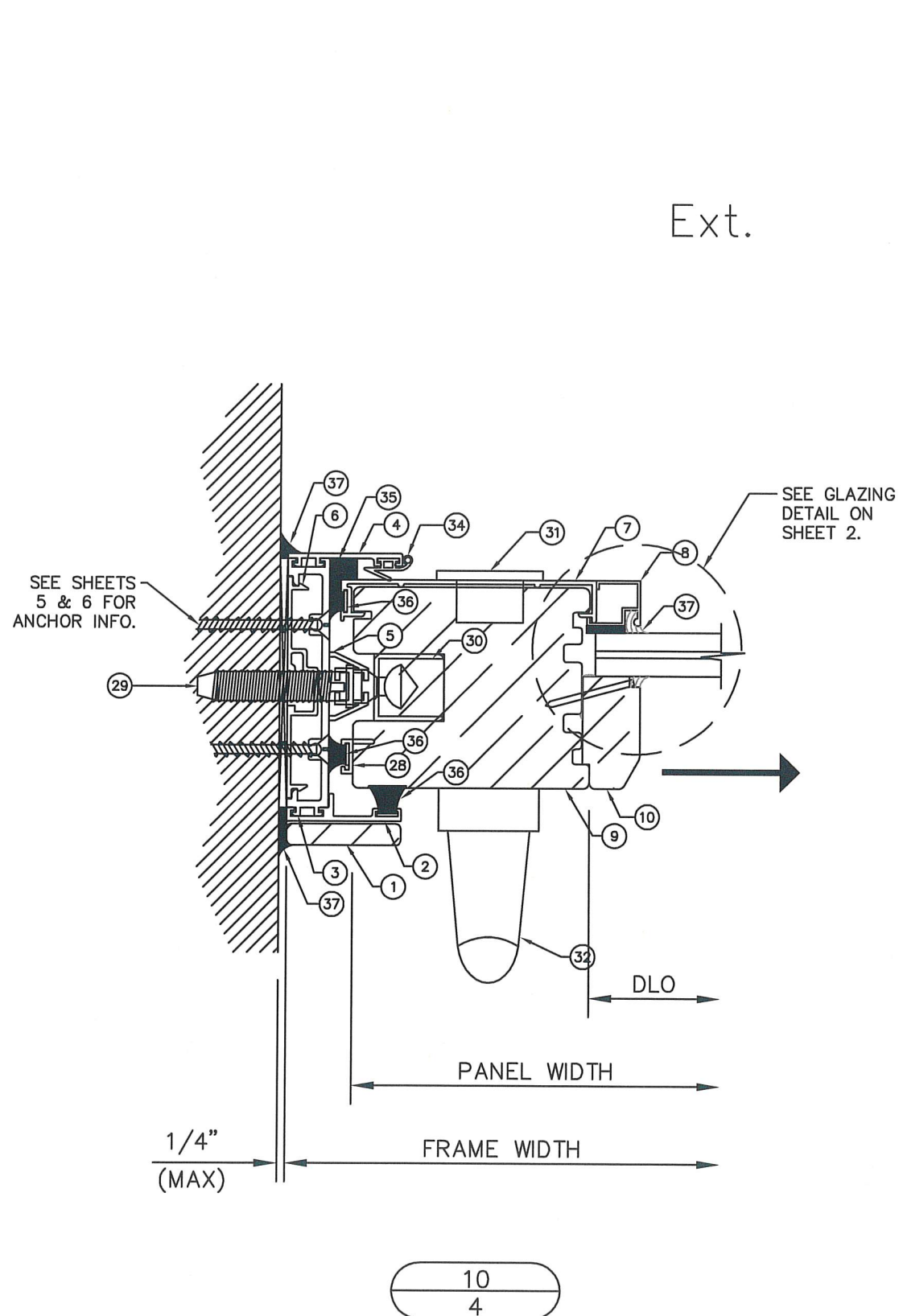


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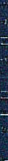
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SHEET: **3/13**

REV.#	ISSUED FOR	DATE
1	CODE UPDATE	2/10/23
1	1ST SUBMITTAL	10/15/19

MULTIVI LIFT & SLIDE GLAZED WOOD DOOR



SEE SHEETS
5 & 6 FOR
ANCHOR INFO.



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DWG:	MLS-LMIHZ
SHEET:	4/13

SCOTT WOLTERS
FL PE# 62354

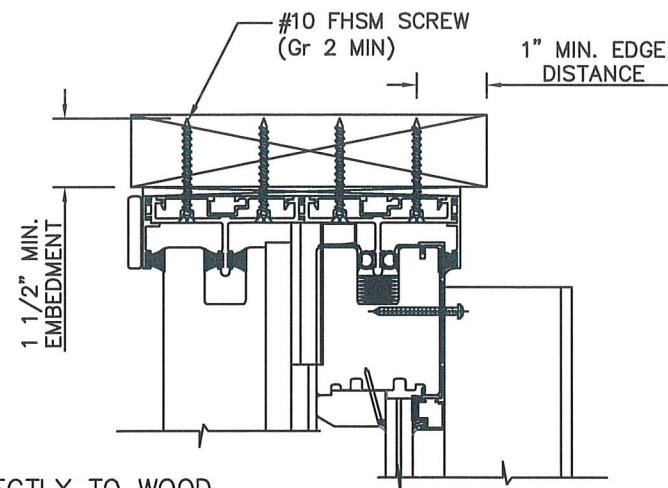
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[illegible]

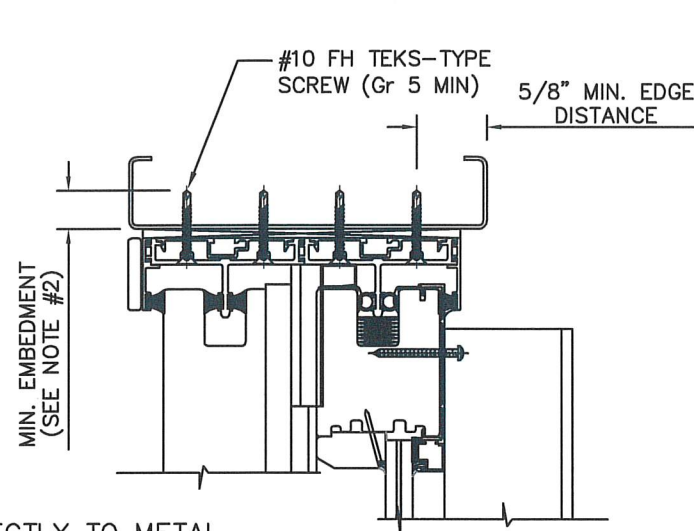
MULTIVI LIFT & SLIDE GLAZED WOOD DOOR

ANCHOR DETAILS

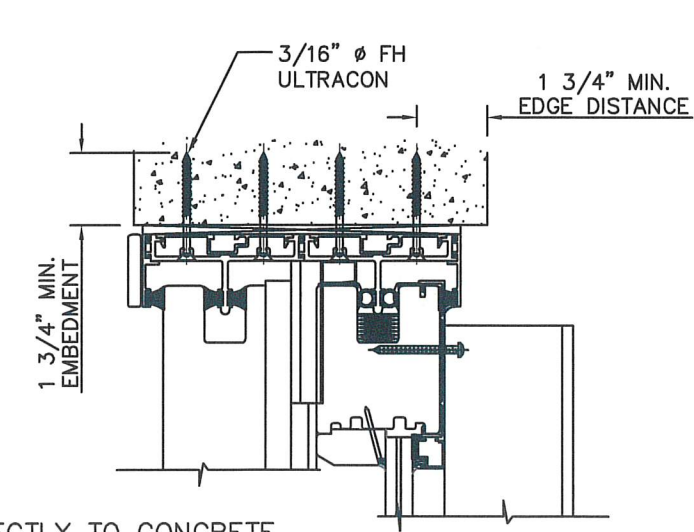
HEAD ANCHORS AT FIXED PANEL:



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



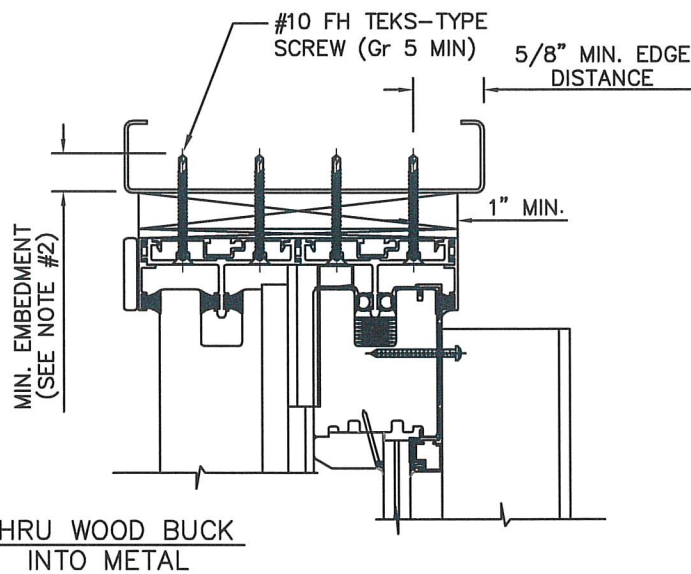
DIRECTLY TO METAL
(16 Ga, 45 ksi MIN)
or
(1/8" 6063-T6 MIN)



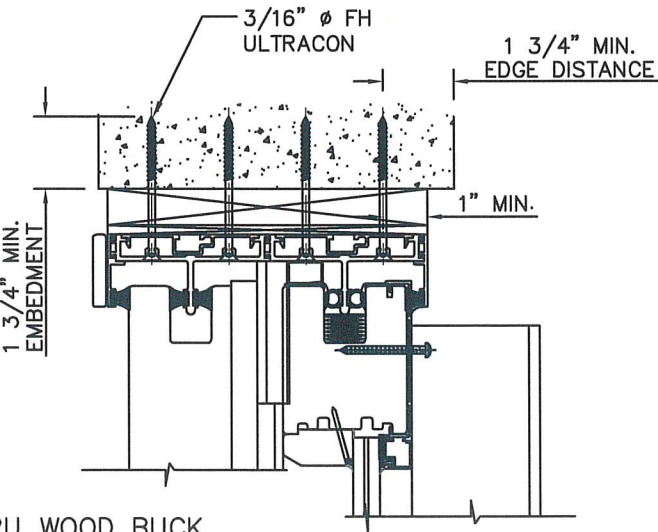
DIRECTLY TO CONCRETE
(3050 psi MIN)

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.

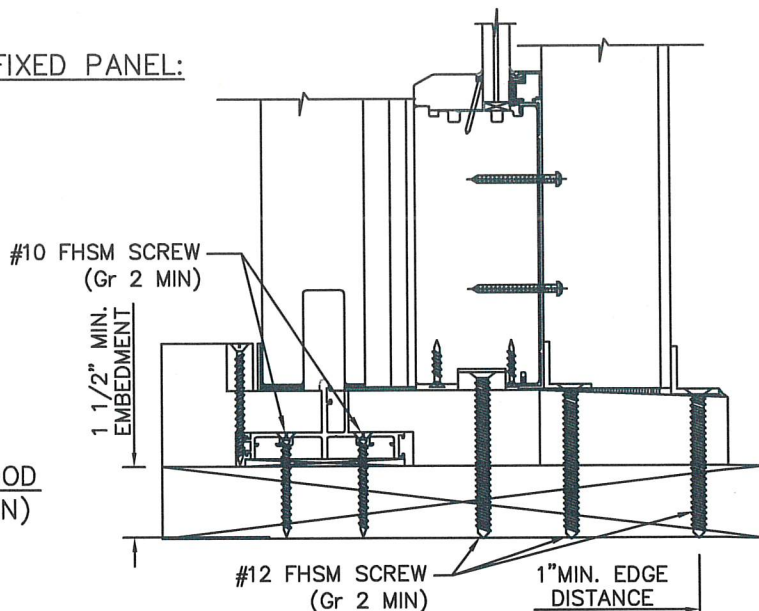


THRU WOOD BUCK
INTO METAL

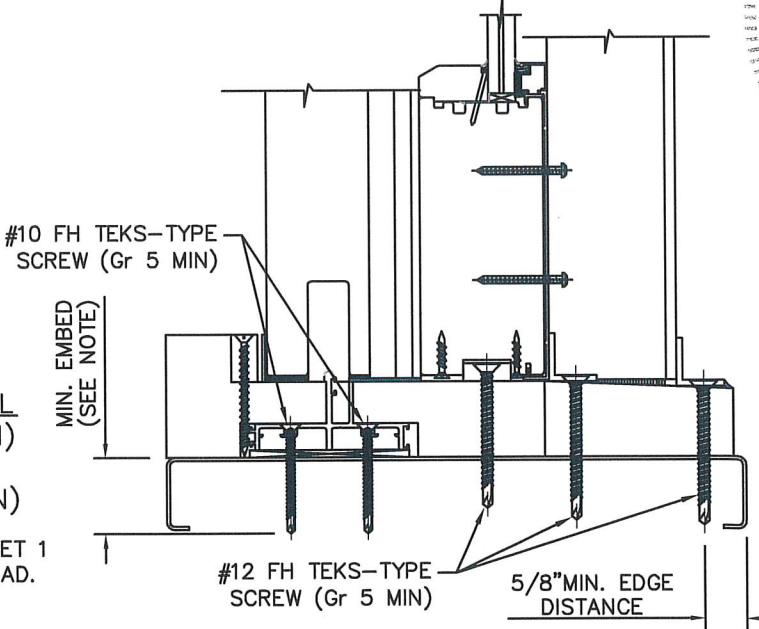


THRU WOOD BUCK
INTO CONCRETE

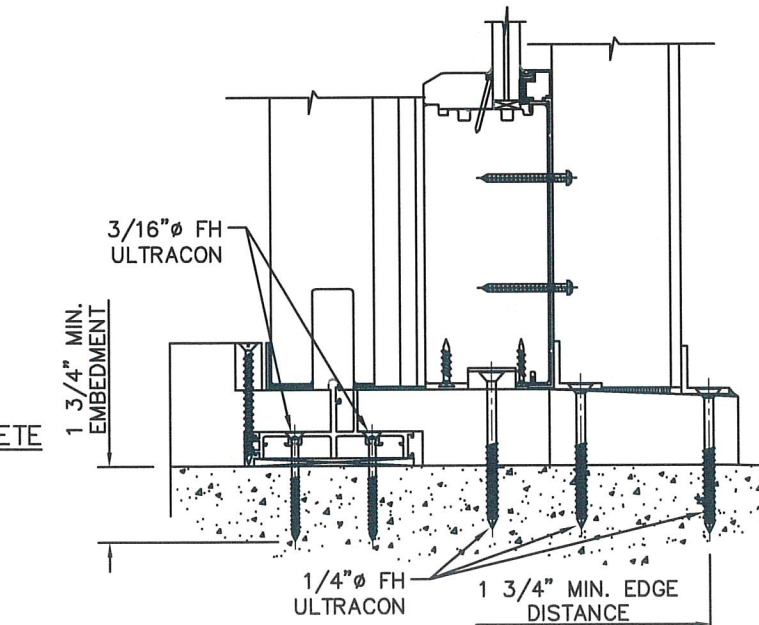
SILL AT FIXED PANEL:



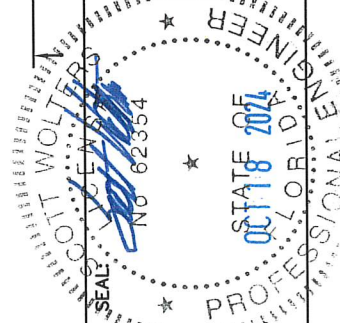
DIRECTLY TO WOOD
(2x, S.G.=0.5 MIN)



DIRECTLY TO METAL
(16 Ga, 45 ksi MIN)
or
(1/8" 6063-T6 MIN)
SEE NOTE 10 ON SHEET 1
CONCERNING DEADLOAD.



DIRECTLY TO CONCRETE
(3050 psi MIN)



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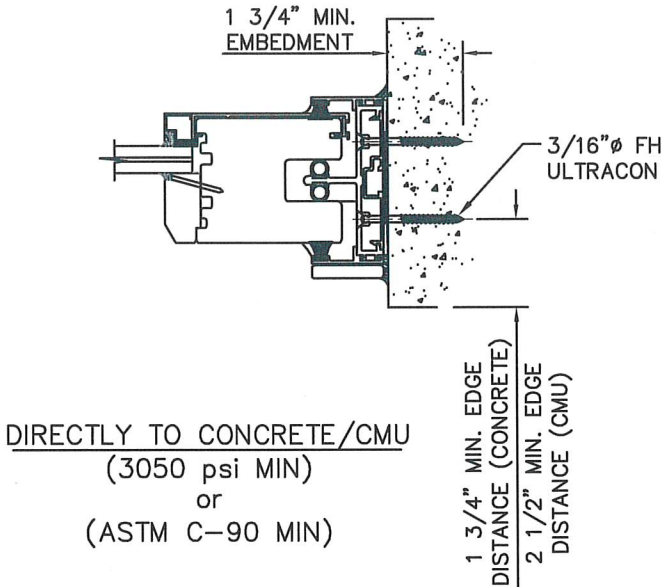
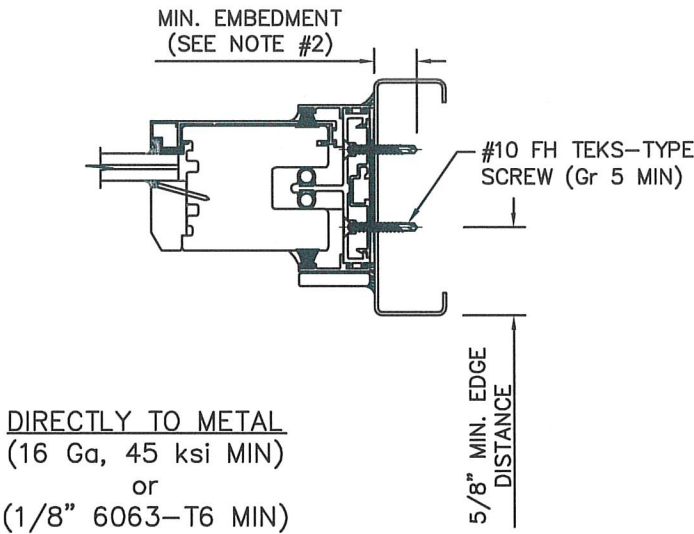
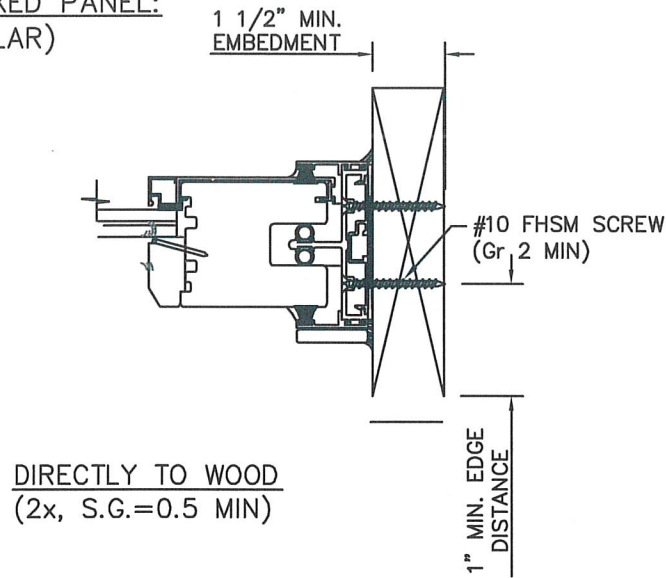
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DWG: **MLS-LMIHZ**
SHEET: **5/13**

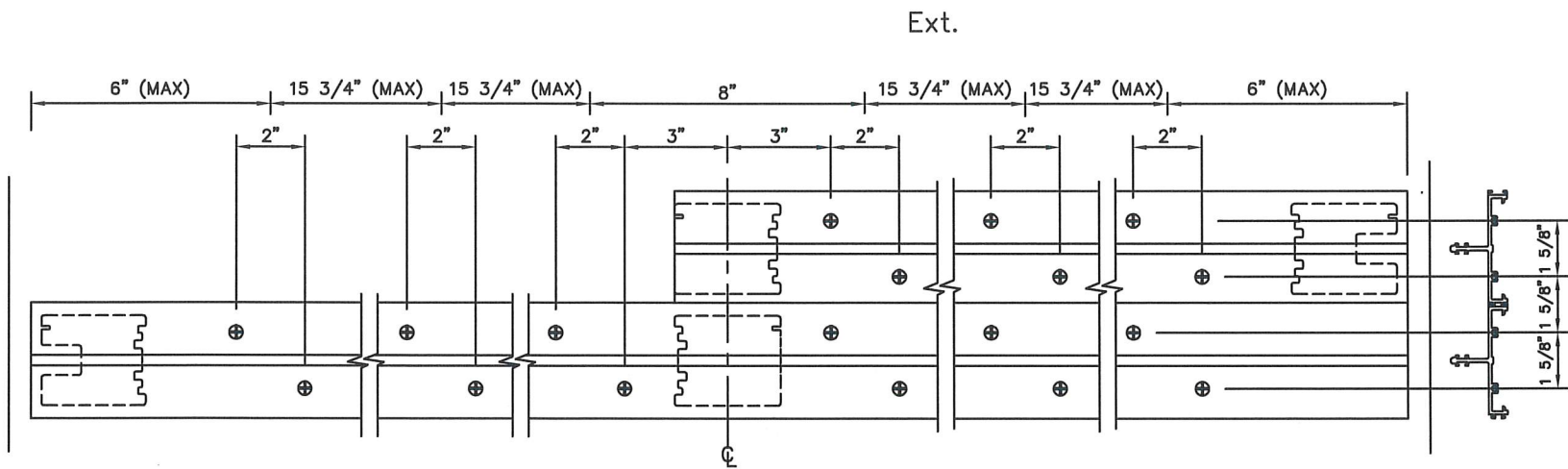
MULTIVI LIFT & SLIDE GLAZED WOOD DOOR

ANCHOR DETAILS

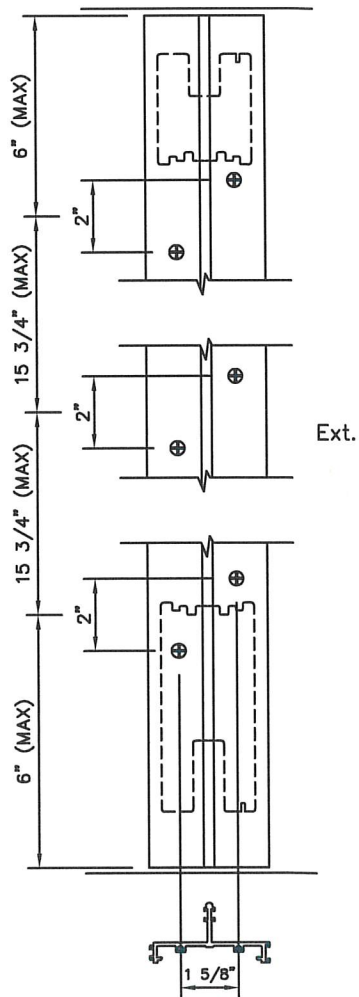
JAMB ANCHORS AT FIXED PANEL:
(OPERABLE JAMB SIMILAR)



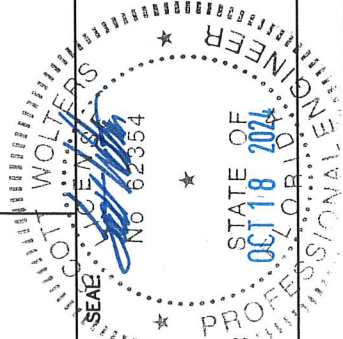
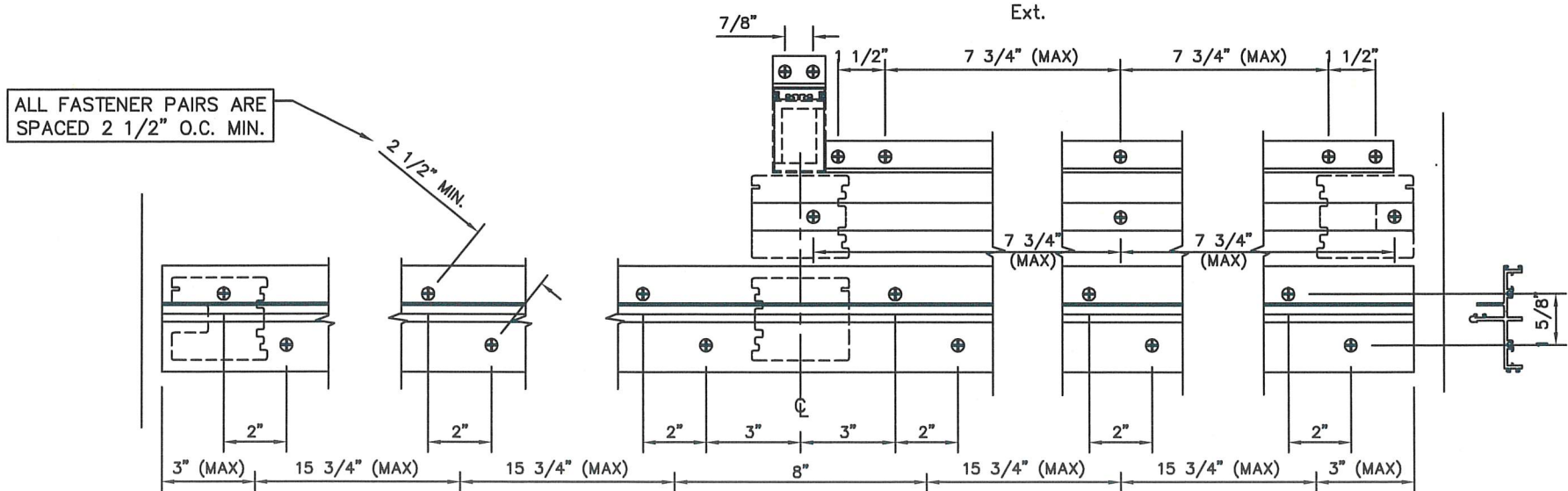
HEAD ANCHOR LOCATIONS:



JAMB ANCHOR LOCATIONS:



SILL ANCHOR LOCATIONS:



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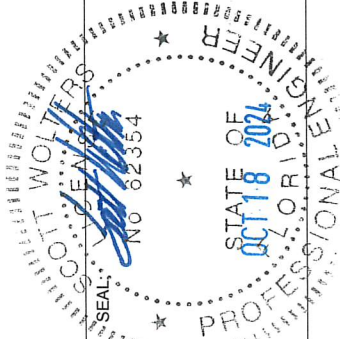
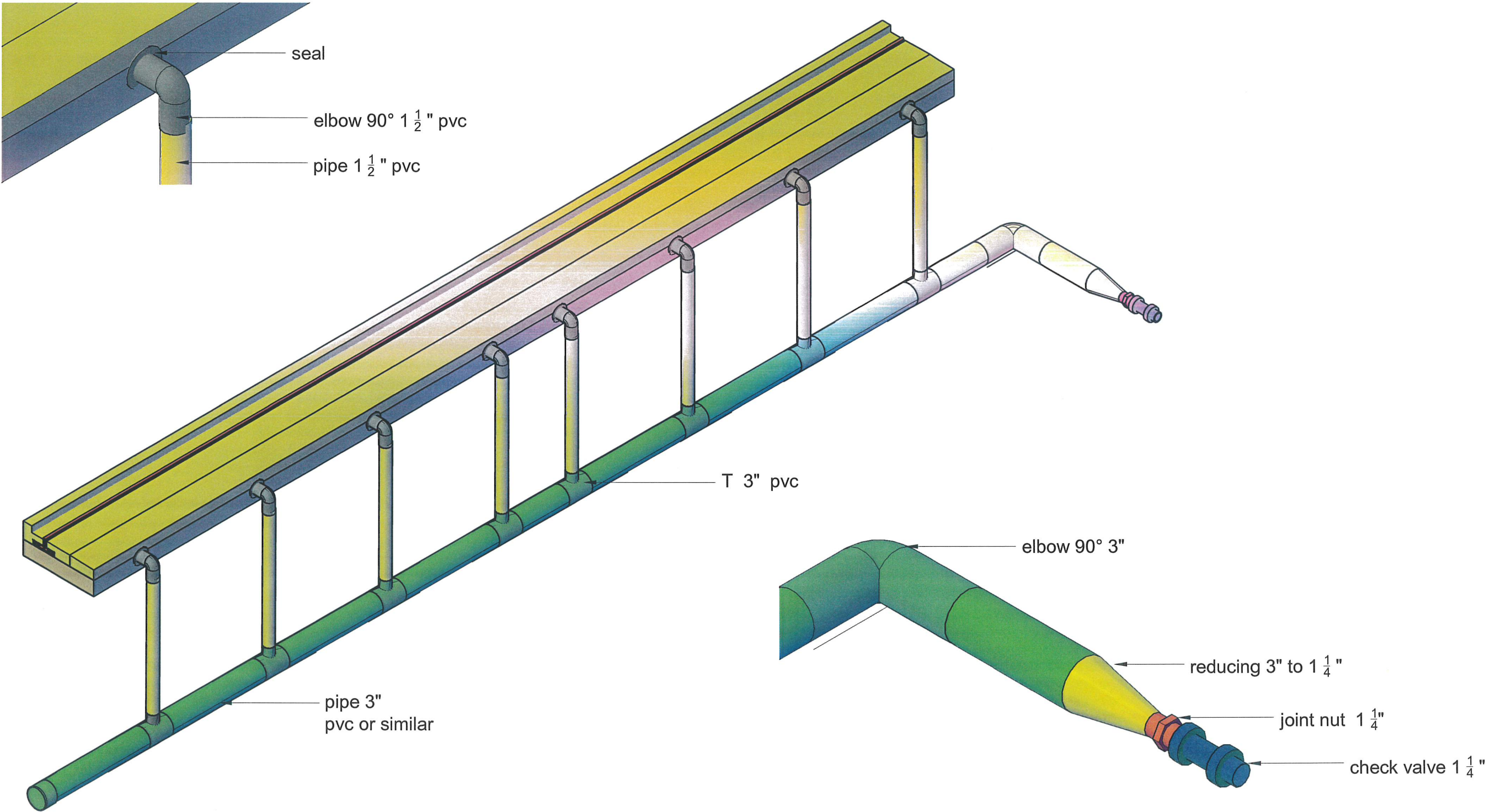


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GUTTER SYSTEM DETAILS -
REQUIRED FOR RESISTANCE
TO WATER INFILTRATION.

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).

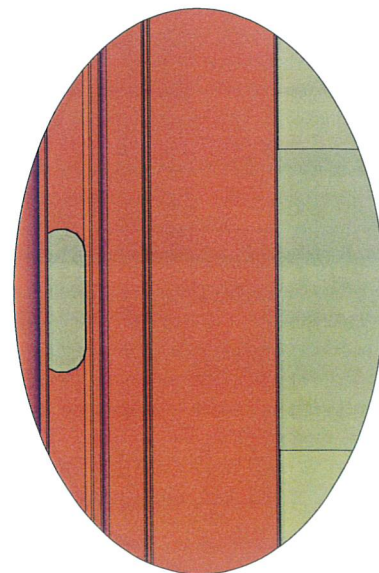
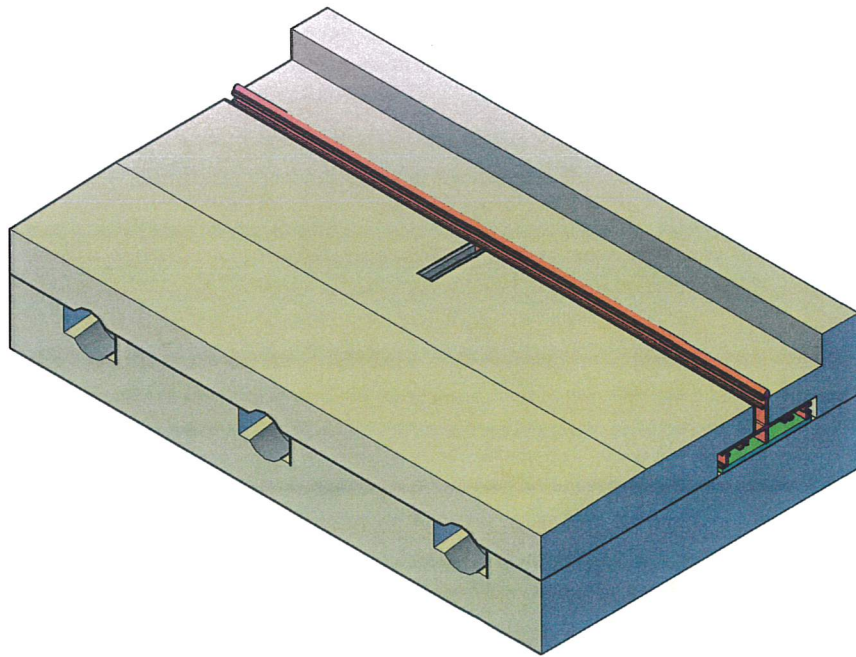
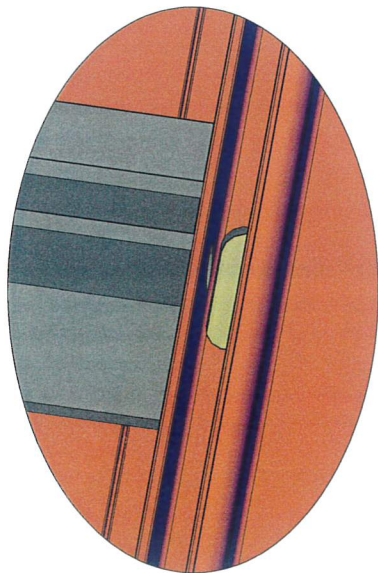
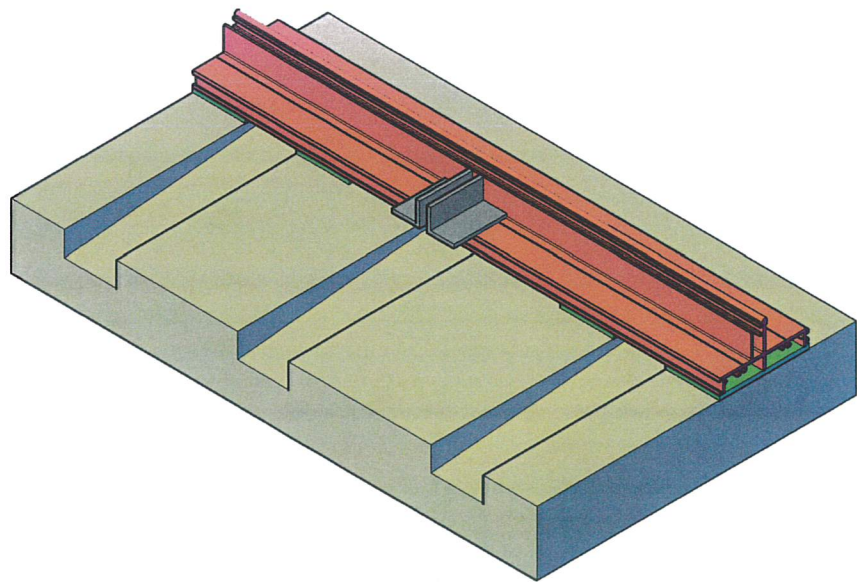
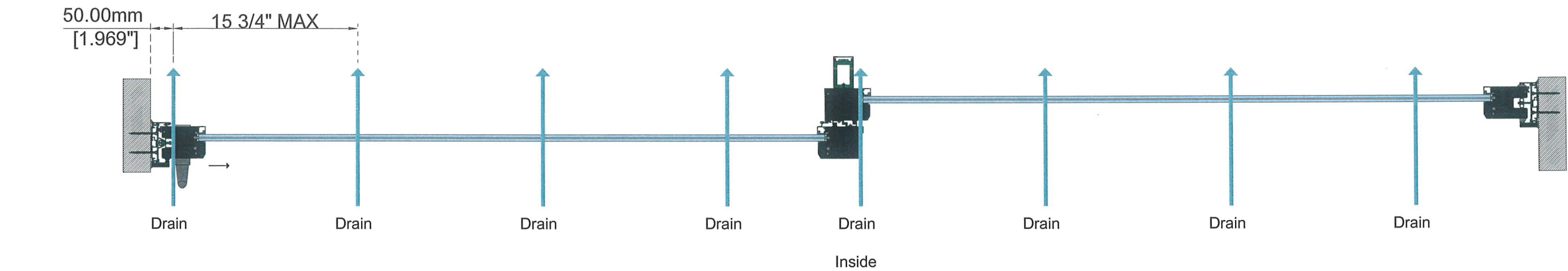


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MULTIVI LIFT & SLIDE GLAZED WOOD DOOR



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DWG: MLS-LMIHZ
SHEET: 8/13

REV.#	DATE	PRINTS ISSUED FOR
2	10/18/24	CODE UPDATE
1	2/10/23	CODE UPDATE
-	10/15/19	1ST SUBMITTAL

No	Description	Material
1	inside cover	AMERICAN OAK
2	inside cover	6063-T5 ALUMINIUM
3	jamb	6063-T5 ALUMINIUM
4	outside cover	6063-T5 ALUMINIUM
5	locking bolt block	6063-T5 ALUMINIUM
6	reinforcement jamb	6063-T5 ALUMINIUM
7	outside cover	AMERICAN OAK
8	glass stop	6063-T5 ALUMINIUM
9	stile (active panel)	AMERICAN OAK
10	glass stop	AMERICAN OAK
11	reinforcement	6063-T5 ALUMINIUM
12	reinforcement	6063-T5 ALUMINIUM
12.1	body reinforcement	6063-T5 ALUMINIUM
12.2	cover reinforcement	6063-T5 ALUMINIUM
12.3	angle 50 mm X 40.6 mm X 6.4mm	6063-T5 ALUMINIUM
12.4	top cover reinforcement	6063-T5 ALUMINIUM
13	outside cover	6063-T5 ALUMINIUM
14	interlock stile	AMERICAN OAK
15	sill base	6063-T5 ALUMINIUM
16	interlock	6063-T5 ALUMINIUM
17	water stopper 40mmX28mmX3mm	6063-T5 ALUMINIUM
18	stopper 78mmX1.5mmX25mm	6063-T5 ALUMINIUM
19	stopper 14mmX78mmX25mm	AMERICAN OAK
20	jamb	6063-T5 ALUMINIUM
21	sill base	6063-T5 ALUMINIUM
22	outside cover	6063-T5 ALUMINIUM
23	bottom rail (active panel)	AMERICAN OAK
24	rail	6063-T5 ALUMINIUM
25	sill base	6063-T5 ALUMINIUM
26	bottom rail (fixed panel)	AMERICAN OAK
27	stopper	6063-T5 ALUMINIUM
28	sill base	6063-T5 ALUMINIUM
28.1	sill base	AMERICAN OAK
28.2	sill base	AMERICAN OAK

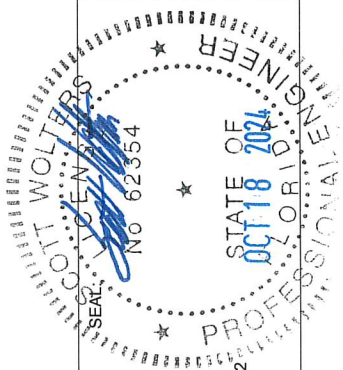
HARDWARE		
No	Description	Material
29	locking bolt	steel
30	Maco HS drive gear (BS 37.5 PC)	steel
31	Maco flush pull	aluminium
32	Maco handle (101863)	steel
33	Maco Lift and Slide Door Hardware Roller Set (103063)	steel

SEAL		
No	Description	Material
34	seal	EPDM
35	seal 0.5in X 0.375in	adhesive rubber foam
36	seal 7mm X 8mm	pile
37	Duretan Polyurethane Sealant (Productos Pennsylvania)	polyurethane
38	seal 75mm x 19mm	foam with fabric type coating
39	seal	santoprene
40	seal	PVC
41	seal	foam with fabric type coating
42	seal	rubber foam
43	seal 22mm X 3mm	EPDM
44	seal 1/4 in X 1/8 in	adhesive rubber foam
45	seal 1/2 in X 1/8 in	adhesive rubber foam tape

FASTENERS		
No	Description	Material
46	NO 10 X 2 1/2 " screw	galvanized steel
47	NO 8 X 1 1/2 screw	galvanized steel
48	NO 10 X 2 1/2 " screw	galvanized steel
49	NO 12 X 4" screw	galvanized steel
50	1 3/16 X 30mm nail	galvanized steel

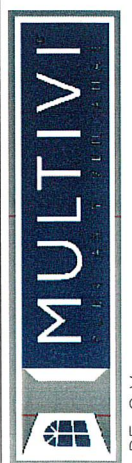
GLASS		
51	Laminated Glass: 1/4" H.S. - 0.090" Sentryglas - 1/4" H.S.	

52	adhesive tape VHB 6mm X 1mm	adhesive tape
53	sill base 22mmX1/8 in	6063-T5 ALUMINIUM
54	sill base 1/4inX1/8 in	6063-T5 ALUMINIUM
55	NO 8 X 1 in screw	galvanized steel
56	NO 6 X 1 in screw	galvanized steel

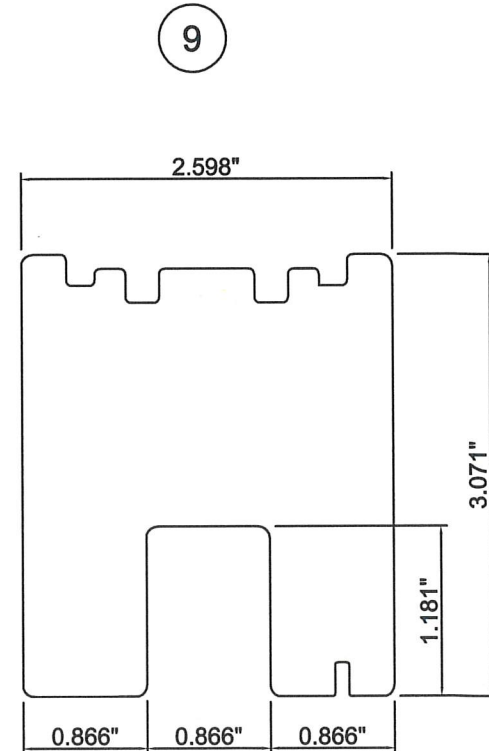
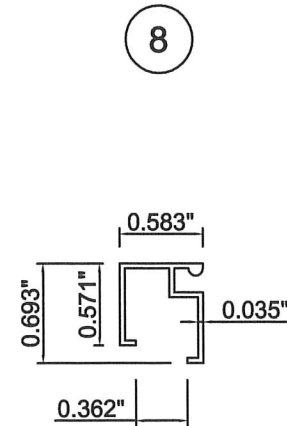
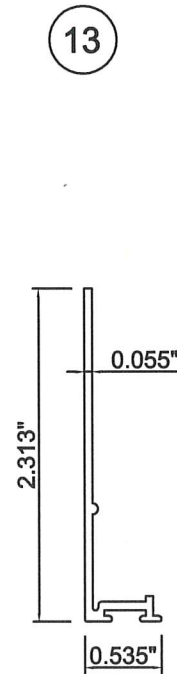
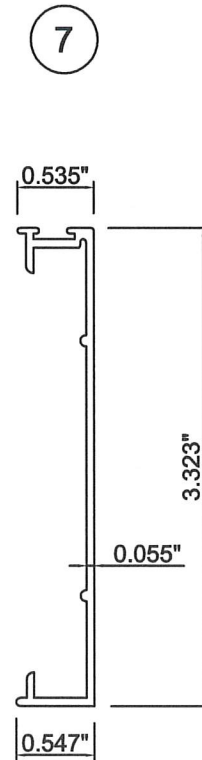
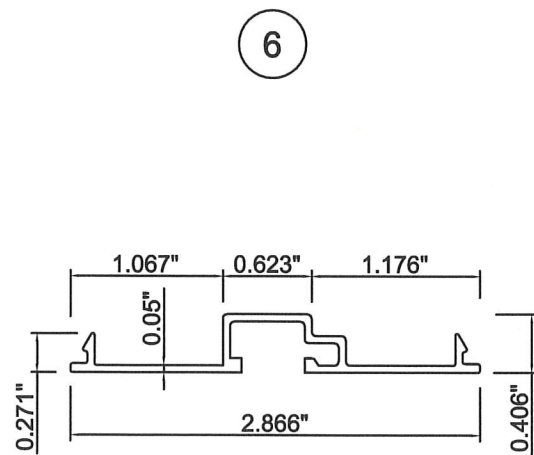
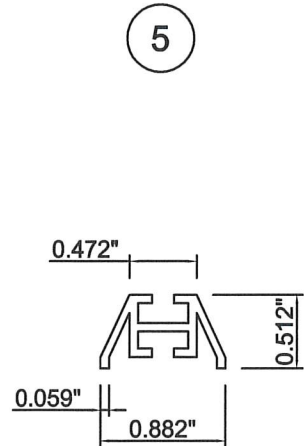
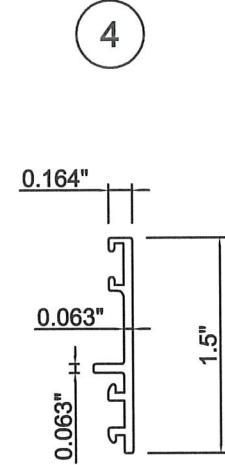
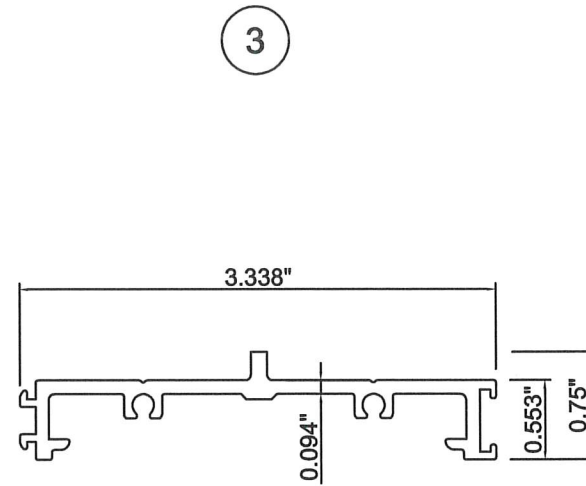
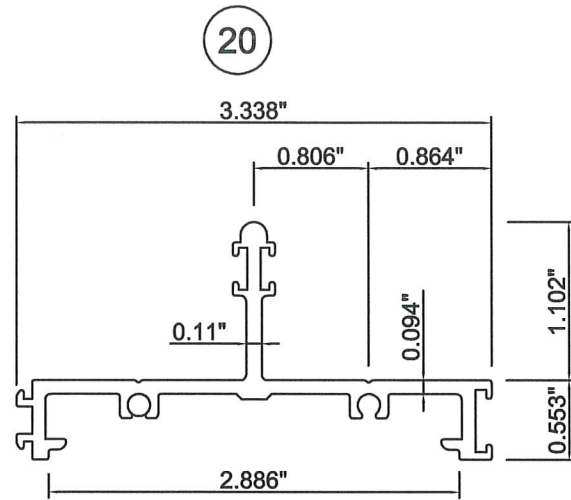
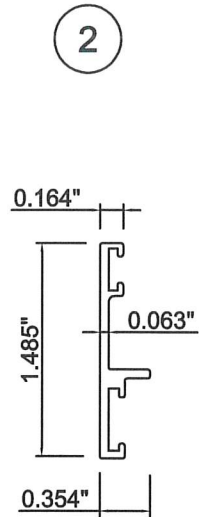


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CARRIL DE SAN CRISTOBAL 134-A
PARK INDUSTRIAL CHACHAPA
AMZOC DE MOTA, PUEBLA, MEXICO 72990

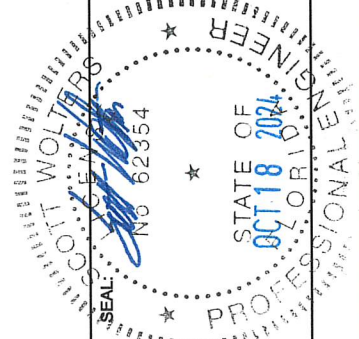
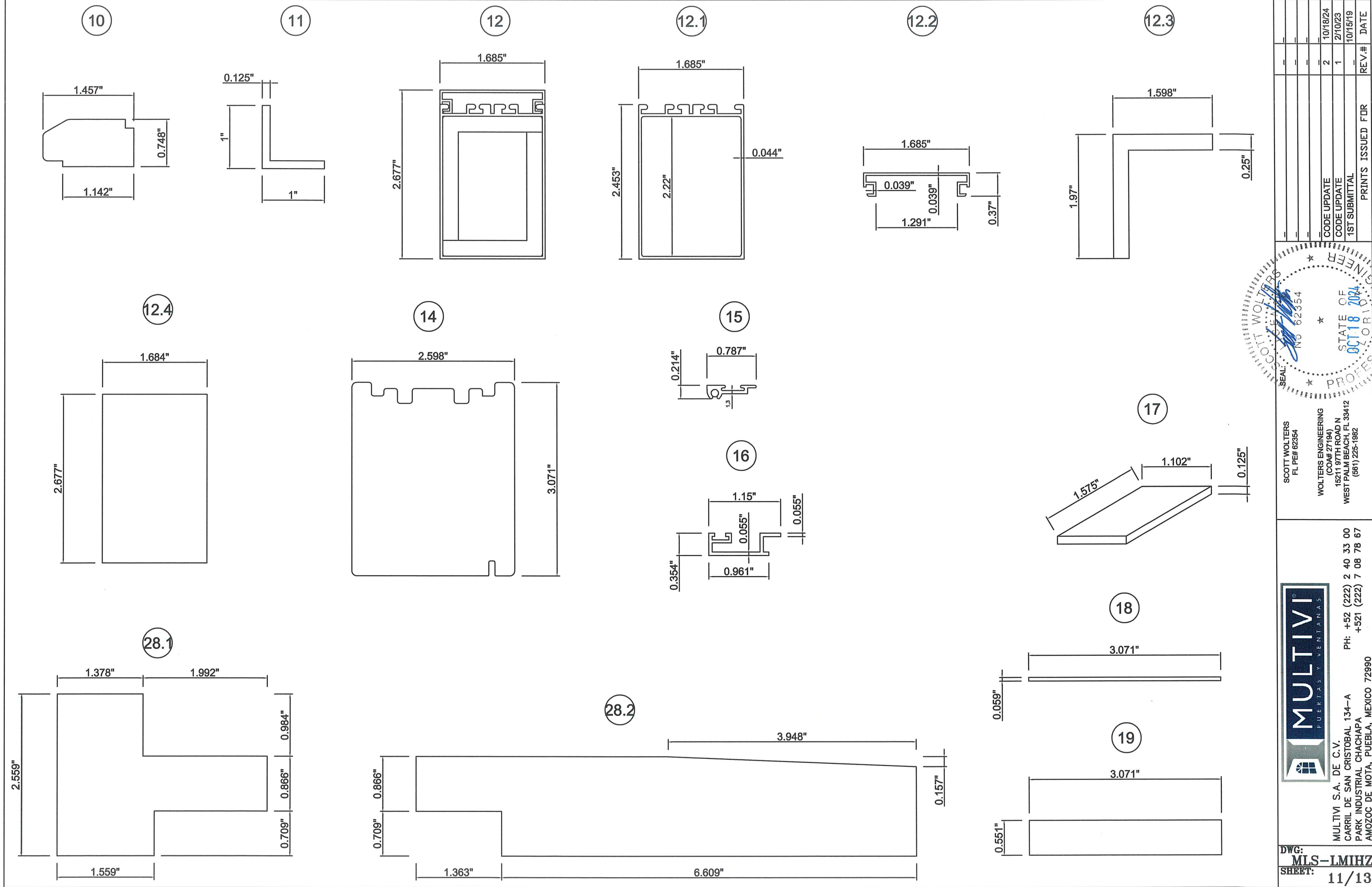
PH: +52 (222) 2 40 33 00
+521 (222) 7 08 78 67

SCOTT WALTERS
FL PE# 62354

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

REV.#	ISSUED FOR	DATE
2	CODE UPDATE	10/18/24
1	CODE UPDATE	2/10/23
1	1ST SUBMITTAL	10/15/19

DWG: **MLS-LMIHZ**
SHEET: **10/13**



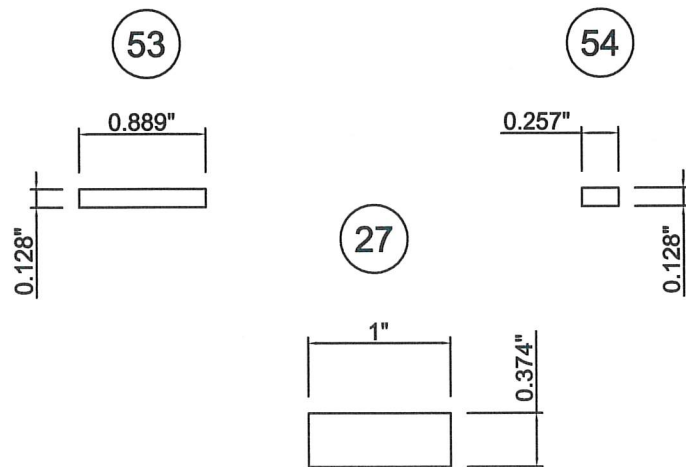
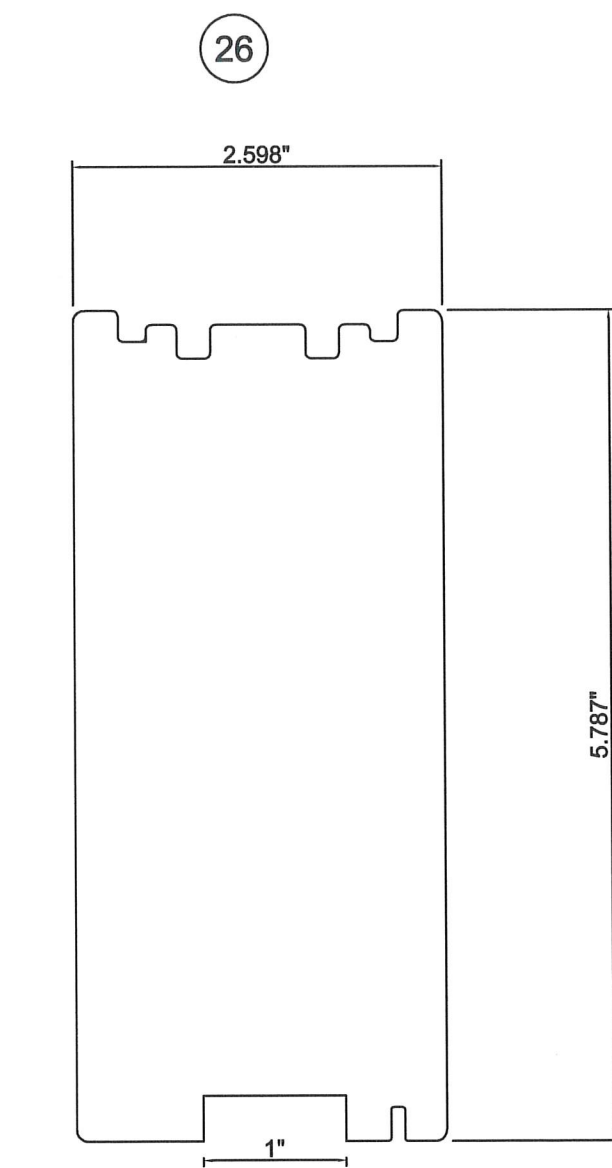
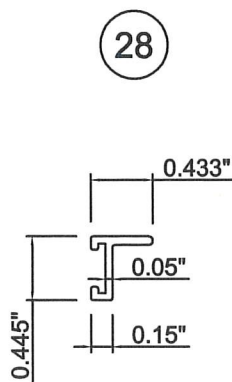
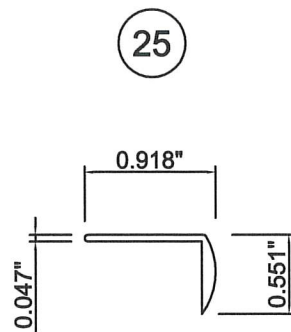
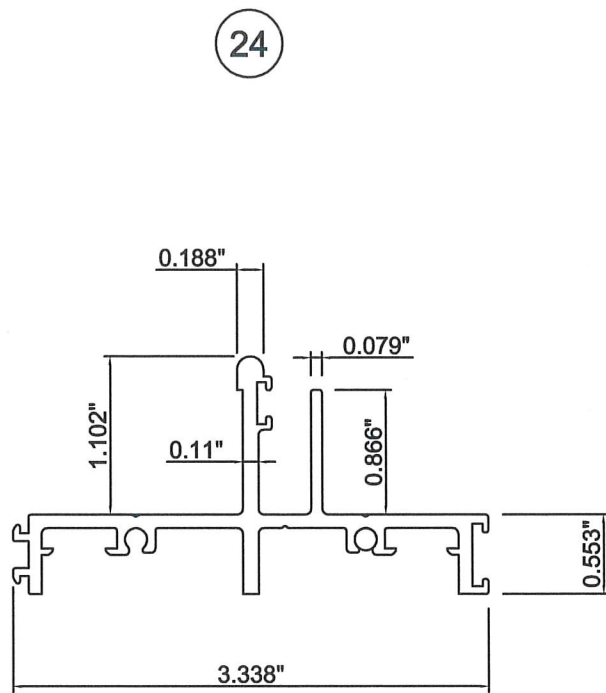
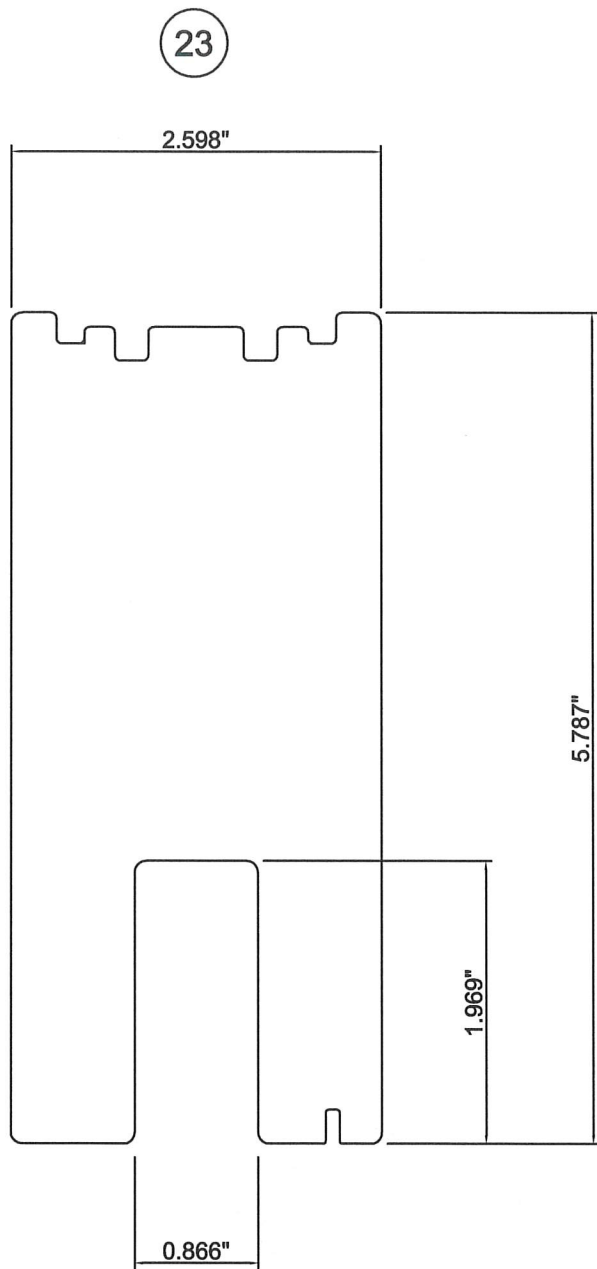
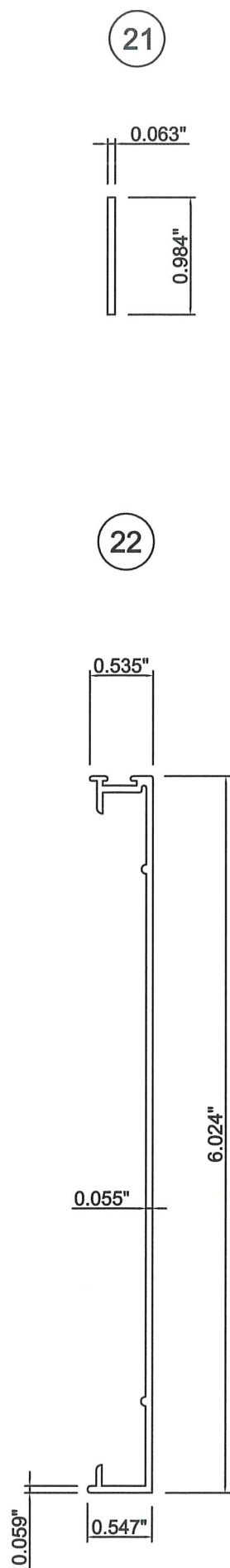
MULTIVI S.A. DE C.V.
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(561) 225-1882

DWG:	MLS-LMIHZ
SHEET:	11/13
DATE	10/15/19
REV.#	1
ISSUED FOR	PRINTS
CODE UPDATE	2
CODE UPDATE	1
1ST SUBMITAL	1



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DWG: **MLS-LMIHZ**
SHEET: **12/13**

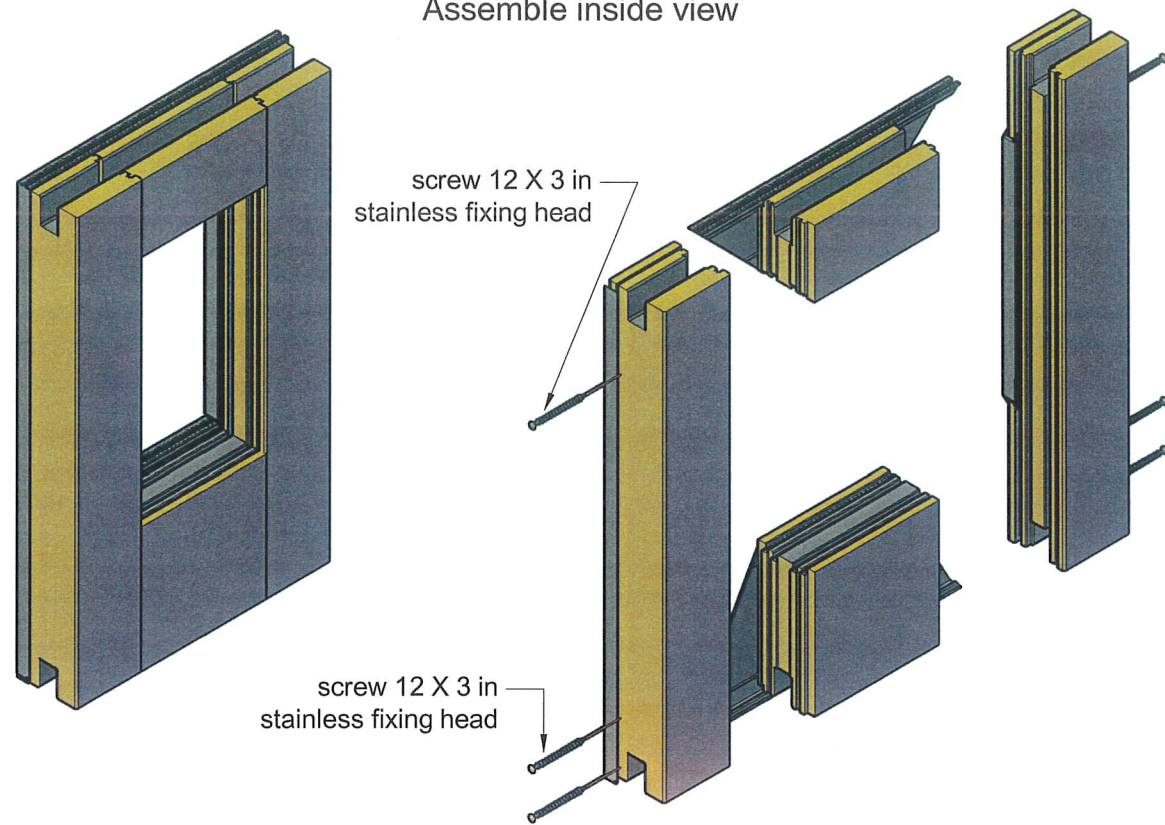
SCOTT WOLTERS
FL PE# 62354

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

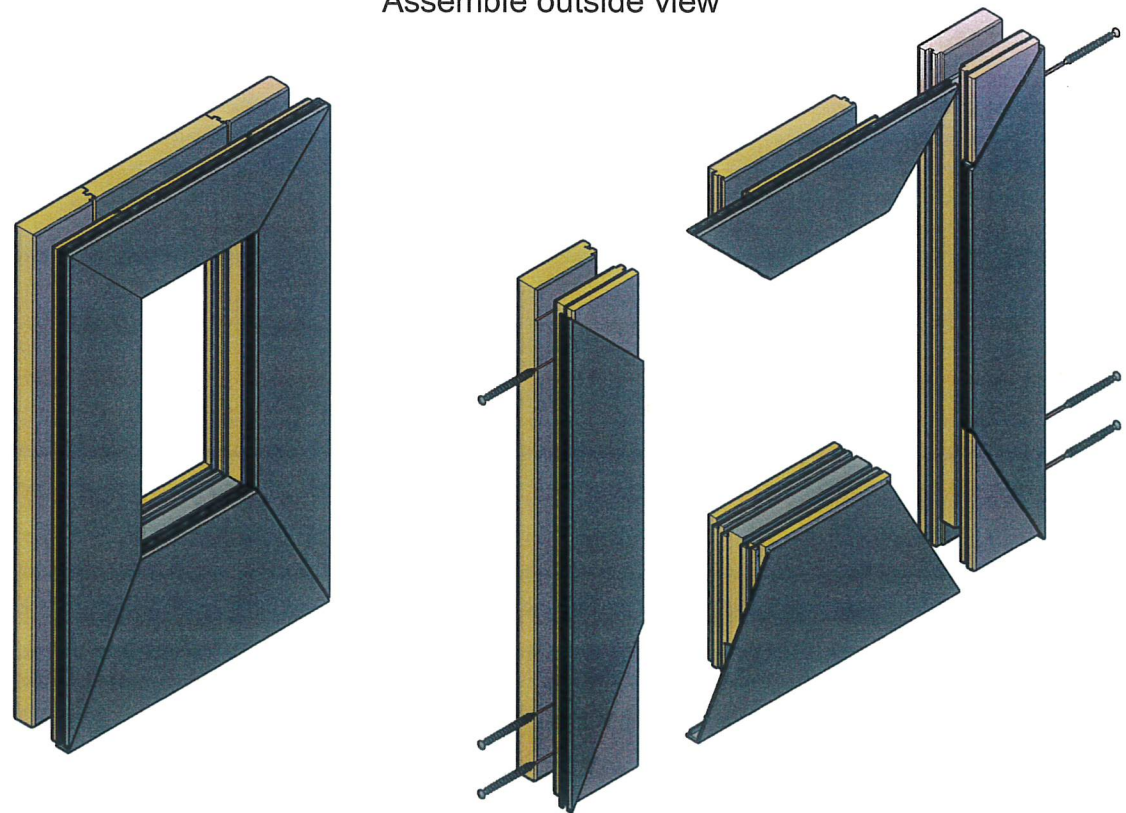
SEAL
SCOTT WOLTERS
No 62354
OCT 18 2024
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REV.#	ISSUED FOR	DATE
2	CODE UPDATE	10/18/24
1	CODE UPDATE	2/10/23
1	1ST SUBMITTAL	10/15/19

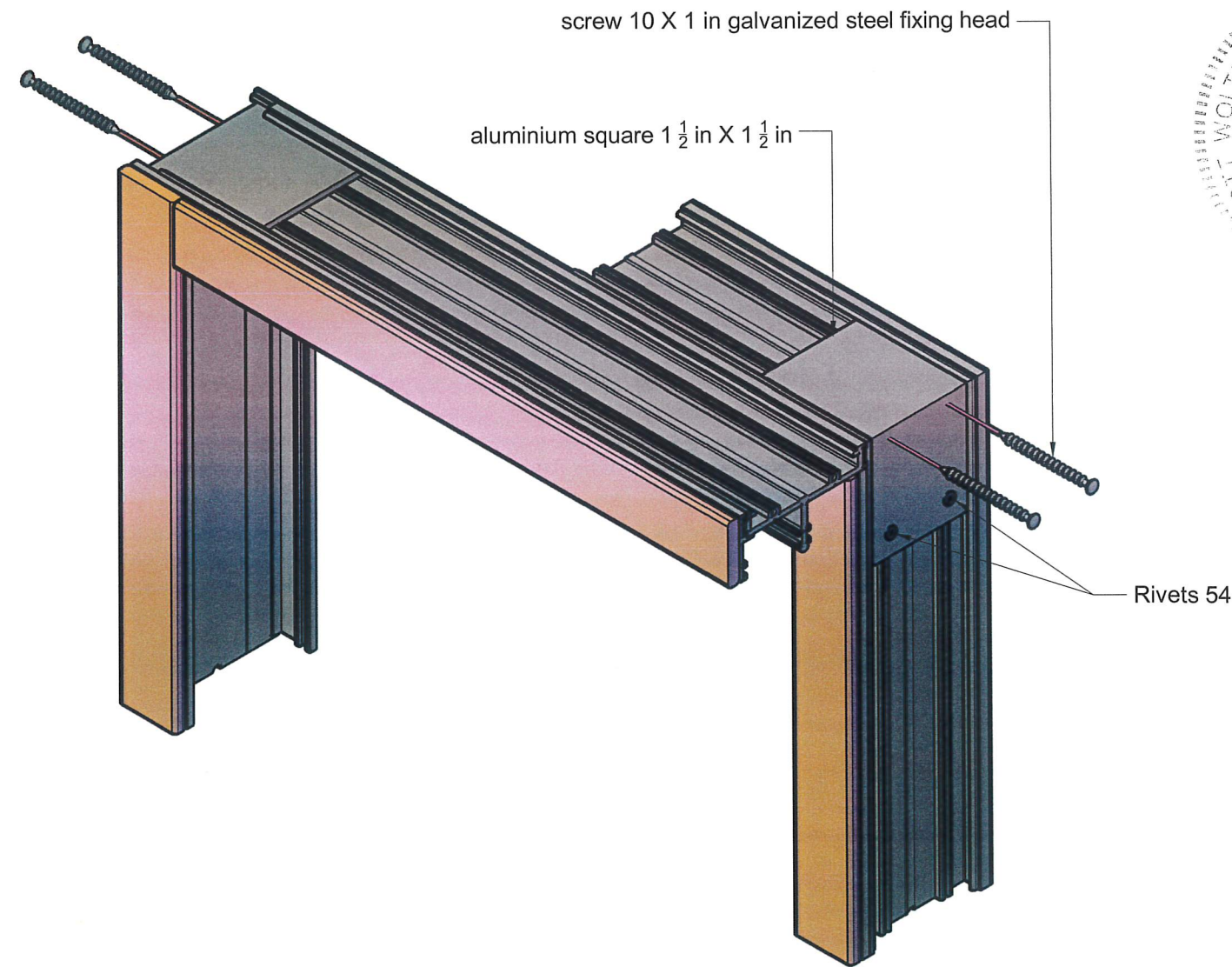
Assemble inside view



Assemble outside view



NOTE: Frame corners are mitered



DATE	10/15/19
REV #	1
PRINTS ISSUED FOR	1
CODE UPDATE	2
CODE UPDATE	1
1ST SUBMITTAL	1

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DWG: MLS-LMIHZ
SHEET: 13/13