

PRODUCT APPROVAL SERIES MDAC 2455 STOREFRONT SYSTEM FOR USE IN HURRICANE ZONES REQUIRING
LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS . (WET GLAZED)

GENERAL NOTES:

1. SERIES MDAC 2455 STOREFRONT SYSTEM LARGE & SMALL MISSILE IMPACT LAMINATED AND INSULATED GLASS, SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE. PRODUCT MAY BE INSTALLED WITHIN HIGH VELOCITY HURRICANE ZONES (HVHZ) AND OUT THEM (NHVHZ).
DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 (HVHZ) & 1609 (NHVHZ) OF THE ABOVE MENTIONED CODE, FOR A BASIC WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE THIS PRODUCT TO BE INSTALLED FOR A DIRECTIONALITY FACTOR $K_d=0.85$, USING ASCE 7-22 & SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATING INDICATED ON NOTE 2.
IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2.
IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH ANSI/AWC NDS-2024.
THIS PRODUCT'S ADEQUACY FOR IMPACT AND CYCLIC RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626, 1609.1.2 & AAMA 501 (PER SECTION 2411.3.2.1.1) OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER FENESTRATION TESTING. LABORATORY REPORT # 8131 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. GLASS VERIFIED PER ASTM E-1300-16 PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE.
2. **MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR THIS PRODUCT IS AS PER SCHEDULE # 1 ON SHEET 10.**
3. **THIS PRODUCT WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.**
4. **THIS PRODUCT IS APPROVED FOR AIR/WATER INFILTRATION FOR UP TO A MAX POSITIVE A.S.D LOAD OF 70.0 psf.**
5. PRODUCT SHALL COMPLY WITH SECTION 2406 OF THE FLORIDA BUILDING CODE. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTIONS 2411.3.3.4. & 1711.
6. PROVIDE 1/4" MAX. LOAD BEARING SHIM (TYP.), WHEN ALLOWED BY THIS DRAWING.
7. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE # 2, G = 0.55, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3. & 2411.3.3.4 OF THE FLORIDA BUILDING CODE.
- 7.1 2X WOOD BUCKS MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. ANCHORAGE IS INDEPENDENT OF PRODUCT'S FRAME ANCHORAGE. PRODUCT'S FRAME MUST BE SEPARATELY ANCHORED TO 2X WOOD BUCK FOLLOWING DETAILS ON THIS DRAWING.
- 7.2 1X WOOD BUCK (OR ANY WOOD BUCK LESS THAN 2X) MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. PRODUCT'S FRAME ANCHOR SHALL BE USED TO ATTACH 1X WOOD BUCK TO EXISTING STRUCTURE BY DRIVING ANCHOR THRU BOTH PRODUCT'S FRAME & 1X WOOD BUCK INTO EXISTING STRUCTURE W/ PROPER EMBEDMENT AND EDGE DISTANCE AS SHOWN ON THIS DRAWING.
- 7.3 PRODUCT'S FRAME MAY BE DIRECTLY CONNECTED TO EXISTING STRUCTURE WITH NO NEED OF WOOD BUCK WHEN MASONRY OPENING IS NOT LARGER THAN ACTUAL DOOR OVERALL DIMENSIONS, HOWEVER, SHIMS (SEE NOTE 6) MAY BE ALLOWED AT PRODUCT'S FRAME ANCHOR LOCATION IF NEEDED.
8. COMPONENTS FOR THIS PRODUCT SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEETS 3 & 4 OF THIS DRAWING.

9. **ANCHOR NOTES:** EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.*

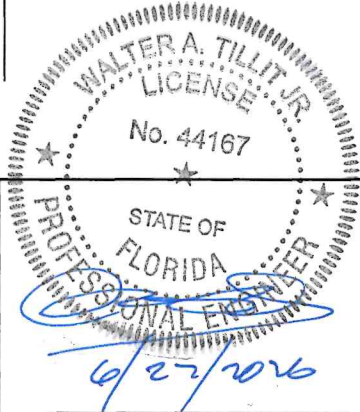
- (A) TO EXISTING POURED CONCRETE: (MIN. $f'_c = 2000$ psi), MIN. EDGE DISTANCE (E.D.) = 3".
- 1/4"Ø ULTRACON+ OR 1/4"Ø ULTRACON SS4 ANCHORS 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT. (COMPONENT 22), THRU 1" P.T. WOOD BUCK.
- (B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL. MIN. EDGE DISTANCE (E.D.) = 3".
- 1/4"Ø ULTRACON+ OR 1/4"Ø ULTRACON SS4 ANCHORS W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT. (COMPONENT 22), THRU 1" P.T. WOOD BUCK.
- (C) TO EXISTING 2x P.T. WOOD BUCK. MIN. EDGE DISTANCE (E.D.) = 1".
- 1/4"Ø ULTRACON+ OR 1/4"Ø ULTRACON SS4 ANCHORS W/ 1 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT. (COMPONENT 22).

- (D) TO EXISTING MIN. 1/8" THICK ALUMINUM TUBE (6063-T5 ALLOY), MIN. EDGE DISTANCE (E.D.) = 1/2".
- 1/4"Ø-14 TEK SCREW W/ SILVER CLIMASEAL COATING OR 410 S.S., AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22A), FULLY ENGAGED.
- (E) TO EXISTING MIN. 12 GAGE STEEL MEMBER (MIN A-653 GRADE 33 OR A-36), MIN. EDGE DISTANCE (E.D.)=1/2".
- 1/4"Ø-14 TEK SCREW W/ SILVER CLIMASEAL COATING OR 410 S.S., AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22A), FULLY ENGAGED.

***ONLY STAINLESS STEEL ANCHORS ARE ALLOWED AT INSTALLATIONS WITHIN 300ft FROM COASTAL SHORELINE.**

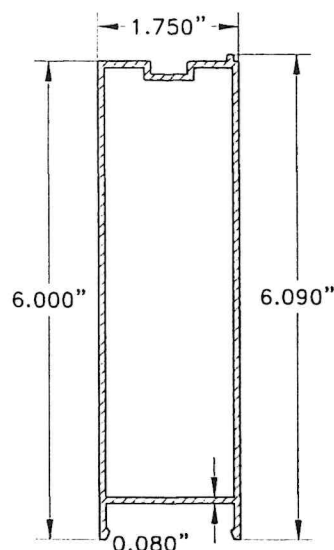
10. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.
11. SHOP DRAWINGS PREPARED BASED ON THIS APPROVAL AND TAKING INTO ACCOUNT THE SPECIFIC JOB CONDITIONS, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AS PART OF THE PERMIT DOCUMENTS.
12. STRUCTURAL SUBSTRATES NOTED ON THIS DRAWING AS EXISTING STEEL OR ALUMINUM, POURED CONCRETE, GROUT FILLED CONCRETE BLOCK AND WOOD (BY OTHERS) MUST WITHSTAND THE LOADS IMPOSED BY THIS PRODUCT.
13. (a) THIS 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 INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
(c) THIS P.E.D. 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. ENGINEER OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
(e) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
14. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA

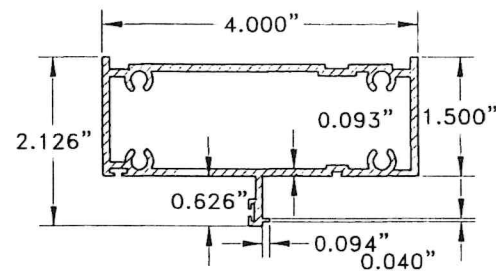


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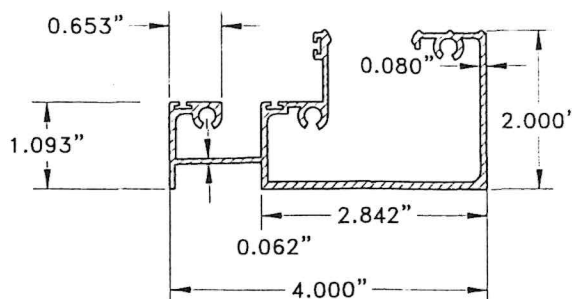
FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)					
©2026 TILTECO, INC.				SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS	
TILTECO INC.				DRAWN BY W.H.	
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167				MIAMI DADE ALUMINUM CORP. 1615 WEST 31ST PLACE HIALEAH, FL 33012	
DATE		DATE		DATE	
1 06/15/2026		3 06/15/2026		26-085	
DESCRIPTION		DESCRIPTION		DRAWING No	
1 OLD 24-012		3		SHEET 1 OF 12	
2		4			



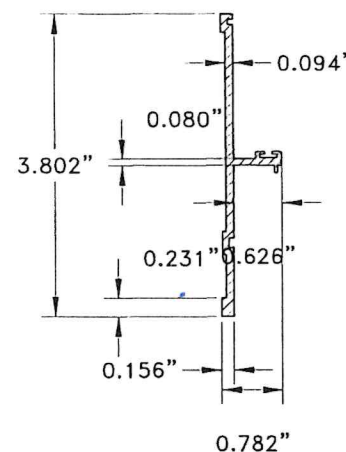
4 TOP & BOTTOM RAIL
6063-T6 ALLOY



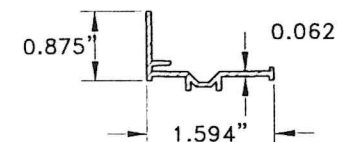
5 FRAME HEAD & JAMB
6063-T6 ALLOY



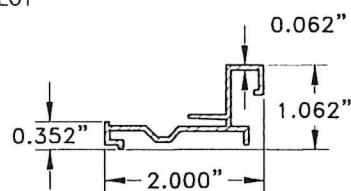
6 FRAME SILL & HEAD
6063-T6 ALLOY



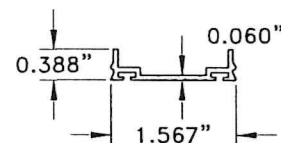
7 INSERT AT INTERIOR MULLION
AND AT DOOR JAMB MULLIONS
6063-T6 ALLOY



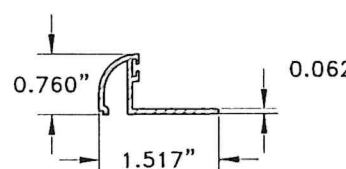
8 GLAZING ADAPTER FOR LAMINATED
& LAMINATED-INSULATED GLASS
6063-T6 ALLOY



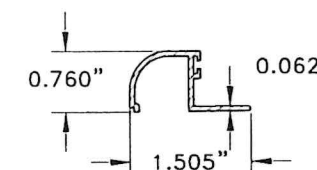
9 GLAZING ADAPTER FOR STOREFRONT
ABOVE DOOR, FOR LAMINATED
& LAMINATED-INSULATED GLASS
6063-T6 ALLOY



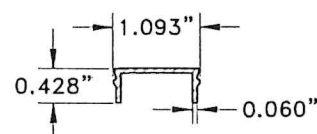
10 WEATHER STRIP ADAPTER
6063-T6 ALLOY



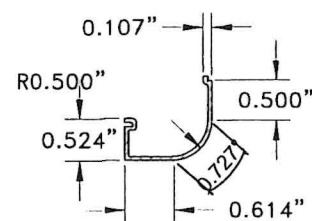
11 GLAZING BEAD
FOR LAMINATED INSULATED GLASS
-13/16"
6063-T6 ALLOY



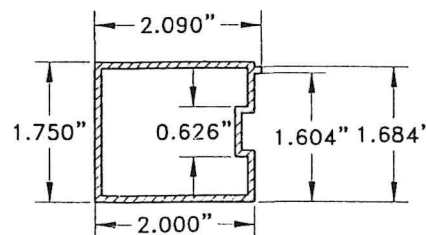
12 GLAZING BEAD FOR
LAMINATED GLASS- 7/16"
6063-T6 ALLOY



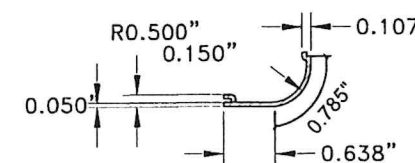
13 HEAD & SILL COVER PLATE
6063-T6 ALLOY



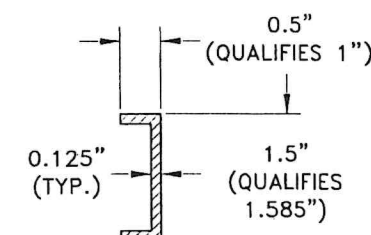
14 SCREW COVER FOR
STOREFRONT ABOVE DOOR
6063-T6 ALLOY



15 STOREFRONT
PANEL STILE
6063-T6 ALLOY



16 SCREW COVER FOR STOREFRONT
ABOVE DOOR, JAMB & INTERIOR
MULLION.
6063-T6 ALLOY



21 RETAINER CLIP
(U-CHANNEL)
6063-T6 ALLOY
5" LONG

COMPONENTS
SCALE: N.T.S

WALTER A. TILLIT JR.
P.E. SEAL/SIGNATURE/DATE

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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE
& SMALL MISSILE LAMINATED & INSULATED GLASS
MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
DRAWN BY
W.H.
DATE
06/15/2026
26-085
DRAWING No
SHEET 2 OF 12

BILL OF MATERIALS

COMPONENT #	DESCRIPTION	DIMENSIONS/REMARKS	MATERIAL
④	TOP & BOTTOM RAIL	SEE SHEET 2	6063-T6
⑤	FRAME HEAD, JAMB & INTERIOR MULLION	SEE SHEET 2	6063-T6
⑥	FRAME SILL & HEAD	SEE SHEET 2	6063-T6
⑦	INSERT AT INTERIOR MULLION AND AT DOOR JAMB MULLIONS	SEE SHEET 2	6063-T6
⑧	GLAZING ADAPTER DOOR FOR LAMINATED & LAMINATED-INSULATED GLASS	SEE SHEET 2	6063-T6
⑨	GLAZING ADAPTER FOR STOREFRONT ABOVE DOOR AND JAMB FOR LAMINATED & INSULATED GLASS	SEE SHEET 2	6063-T6
⑩	WHEATHER STRIP ADAPTER	SEE SHEET 2	6063-T6
⑪	GLAZING BEAD FOR LAMINATED-INSULATED GLASS-13/16"	SEE SHEET 2	6063-T6
⑫	GLAZING BEAD FOR LAMINATED GLASS-7/16"	SEE SHEET 2	6063-T6
⑬	HEAD AND SILL COVER PLATE	SEE SHEET 2	6063-T6
⑭	SCREW COVER FOR STOREFRONT ABOVE DOOR	SEE SHEET 2	6063-T6
⑮	STOREFRONT PANEL STILE	SEE SHEET 2	6063-T6
⑯	SCREW COVER FOR STOREFRONT ABOVE DOOR , JAMB & INTERIOR MULLION.	SEE SHEET 2	6063-T6
⑰	#14 x 1 1/2" S.S. TEK SCREW 5" FROM JAMBS, BALANCE @ 12" O.C.	USE AT ⑦ + ⑮	STEEL
⑱	#12 x 1" PAN HEAD S.S. TEK SCREW 6" FROM ENDS, BALANCE @ 7" O.C.	USE AT ⑮	STEEL
⑲	#14 x 2 1/2" H.H SCREW, 5" FROM JAMBS, BALANCE @ 12" O.C.	USE AT ⑨	STEEL
⑳	#10 x 1" F.H. S.S. TEK SCREW @ 8" O.C.	USE TO CONNECT ⑧ TO ⑮	STEEL
㉑	RETAINER CLIP @ ④	AT DOOR PANEL, W/ (2) #14x3/4" TEK SCREWS TO STILES, JOINS RAILS W/ STILES + ③	6063-T6
㉒	ULTRACON+ OR ULTRACON SS4 (DEWALT) CONCRETE ANCHOR	1/4" Ø - SEE GENERAL NOTE 9 ON SHEET 1	STEEL
㉒A	TEK SCREW (ITW/BUILDEX)	1/4" Ø - SEE GENERAL NOTE 9 ON SHEET 1	STEEL
㉔	GLAZING BULB	0.250"x0.345" (ULTRAFAB)	VINYL
㉕	FIN SEAL PILE W/ PLASTIC	ULTRAFAB	
③①	STRUCTURAL SILICONE DOW CORNING 995	ALL AROUND GLASS	SILICONE
③①	NON STRUCTURAL SILICONE DOW CORNING CONTRACTORS CONCRETE SEALANT (CCS)	AS SHOWN	SILICONE
③②	BUMPER SPHEAR		SILICONE
③④	SETTING BLOCK	MIN. 70 DUROMETER	E.P.D.M.
③⑤	CONTINUOS THREADED ROD	3/8"Ø, W/ (4) S.S. SECURITY NUTS W/ NYLON INSERT EACH DOOR PANEL (2 PER PANEL)	STEEL

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)

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FLORIDA Lic. # 44167

SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS

MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012

REV. No. DESCRIPTION DATE REV. No. DESCRIPTION DATE
1 OLD 24-012 06/15/26 3
2 4

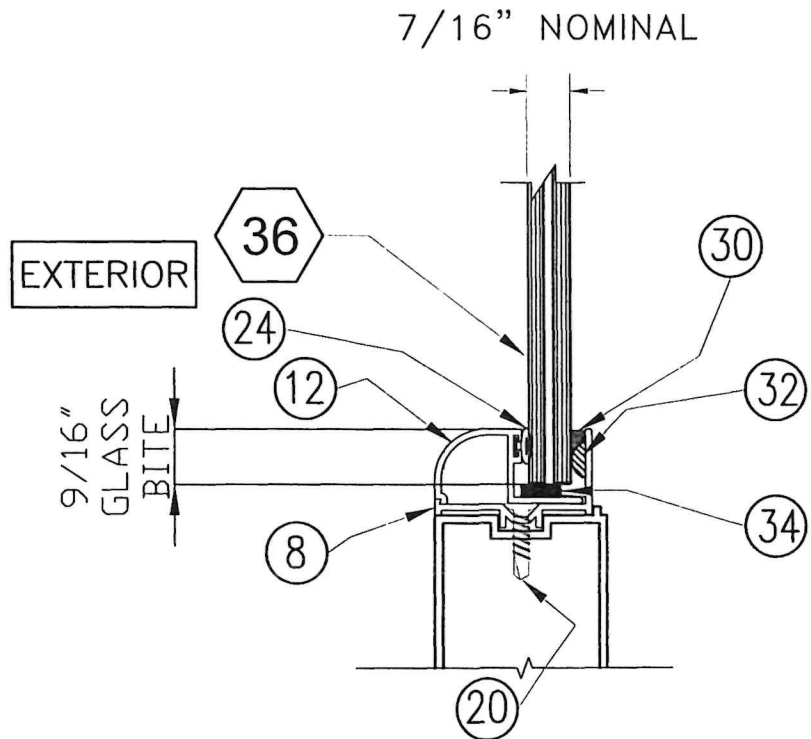
DRAWN BY W.H.

06/15/2026
DATE

26-085
DRAWING No

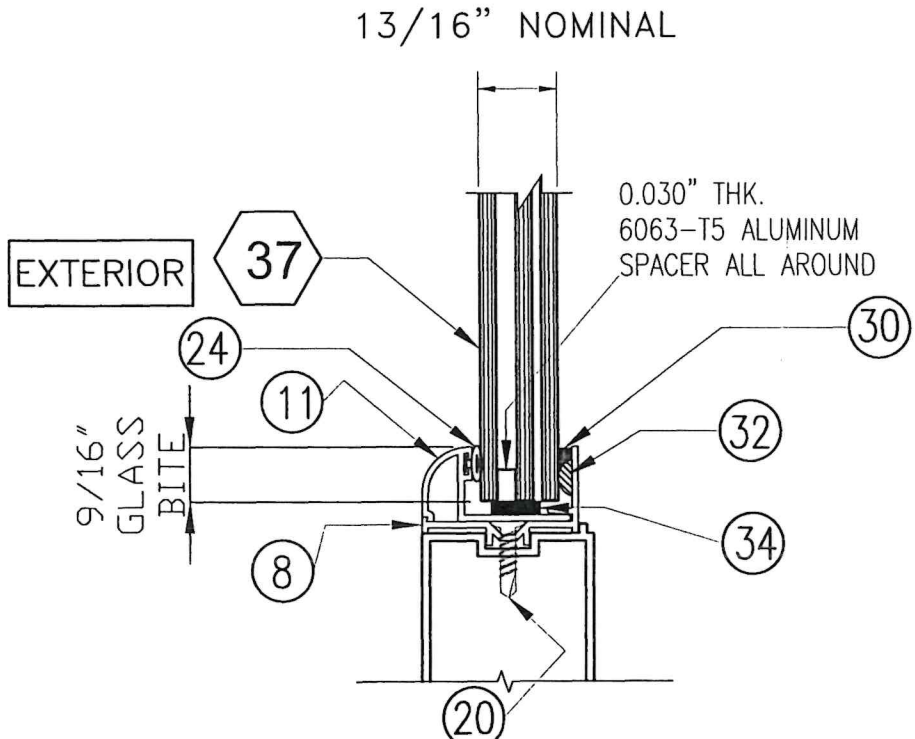
SHEET 3 OF 12

BILL OF MATERIALS (CONT'D)		
COMPONENT #	DESCRIPTION	MATERIAL
36	7/16" NOMINAL LAMINATED GLASS W/ 3/16" H.S. GLASS +0.090" PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
37	13/16" INSULATED-LAMINATED GLASS W/ 3/16" TEMPERED GLASS OUT BOARD -1/4 ARGON SPACER + 3/16 H.S. + 0.090" PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. INBOARD	GLASS



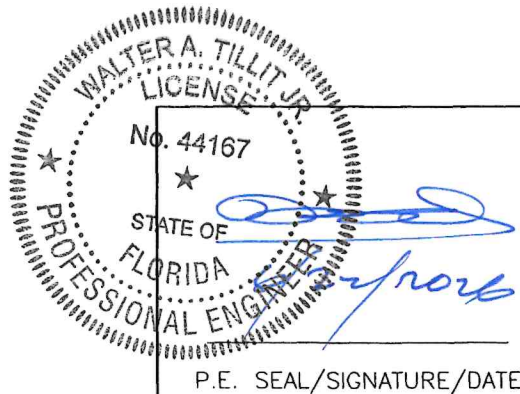
GLAZING DETAIL 1
AT 36

SCALE: N.T.S

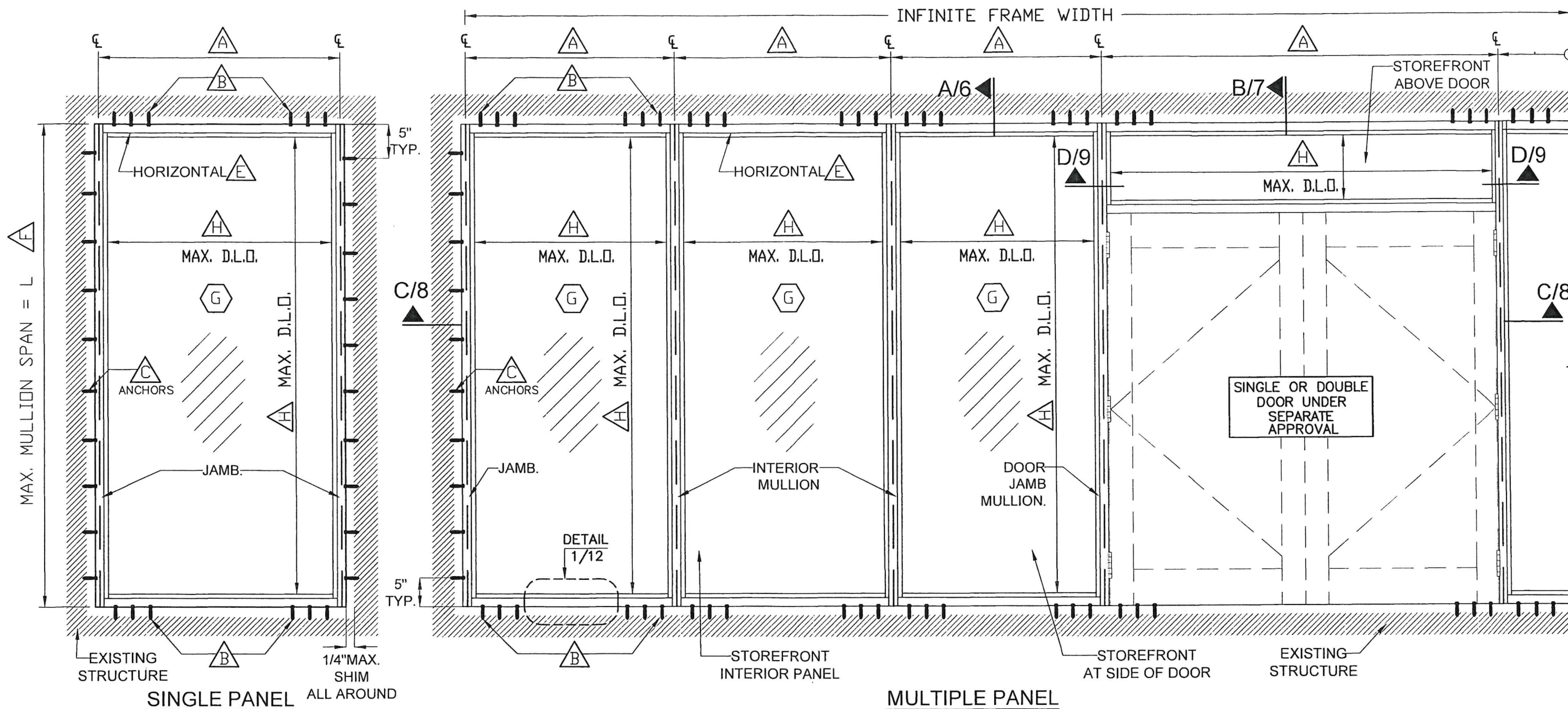


GLAZING DETAIL 2
AT 37

SCALE: N.T.S



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TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 Fax : (305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS MIAMI DADE ALUMINUM CORP. 1615 WEST 31ST PLACE HIALEAH, FL 33012		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-012	06/15/20	3		
2			4		
DATE 06/15/2026 DRAWING No 26-085 SHEET 4 OF 12					



FOOT NOTES:

A SEE MAXIMUM MULLION SPACING ON SCHEDULE #1 SHEET 10.

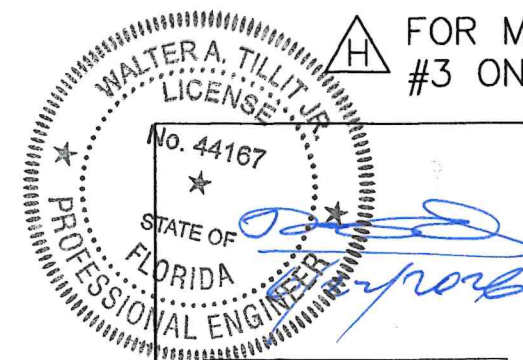
B FOR HEAD AND SILL ANCHORS QUANTITY, TYPES AND SPECS SEE SCHEDULE #5 ON SHEET 11

C SEE SCHEDULE #4 ON SHEET 11 FOR MAXIMUM ANCHOR SPACING FOR JAMB CONNECTION TO EXISTING STRUCTURE.

F FOR MAXIMUM MULLION HEIGHT SEE SCHEDULE #1 ON SHEET 10

G FOR GLAZING CONFIGURATIONS **36** OR **37** SEE SHEET 4

H FOR MAXIMUM D.L.O FOR GLASS, SEE SCHEDULES #2 & #3 ON SHEET 10.



P.E. SEAL/SIGNATURE/DATE

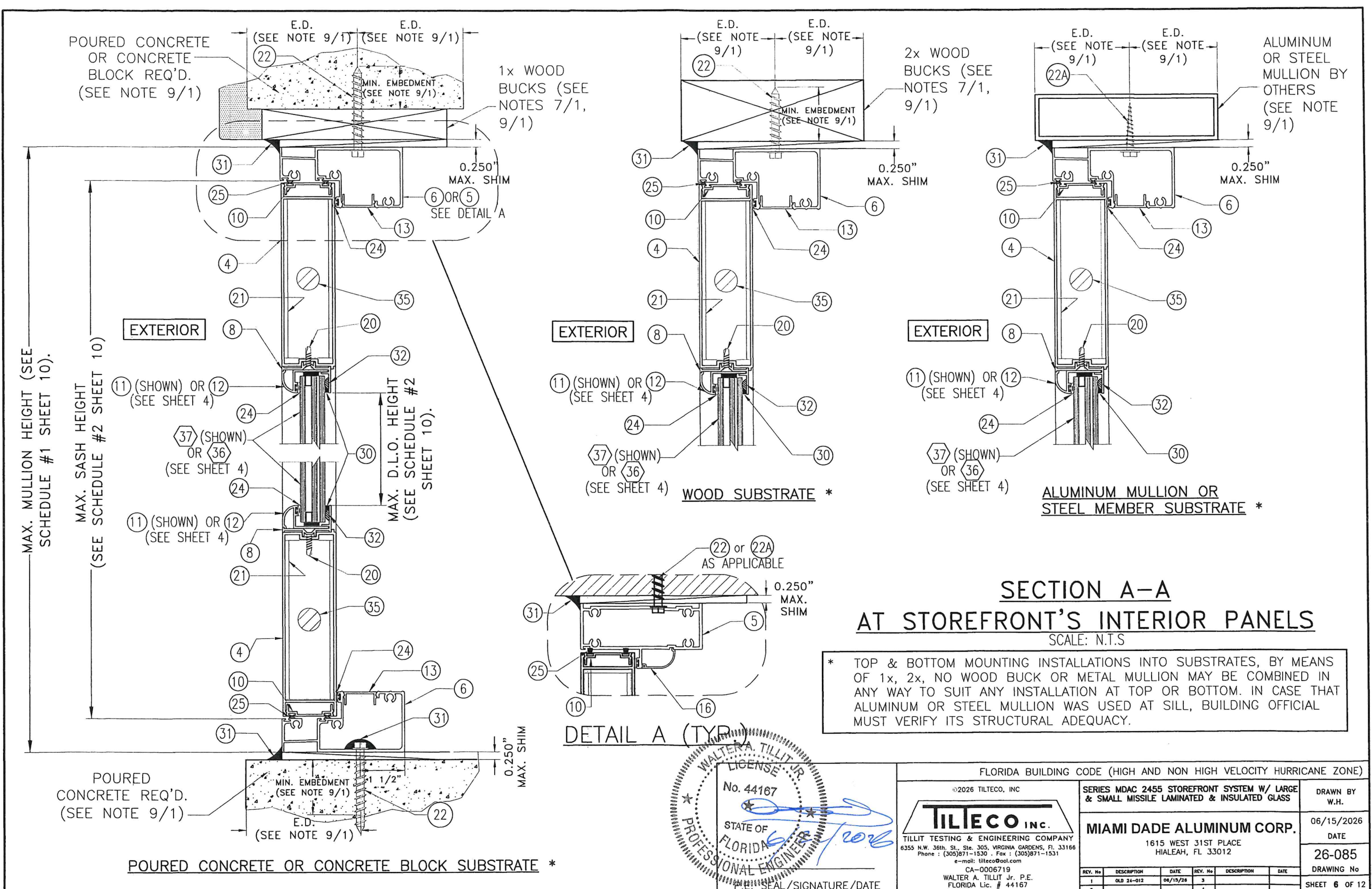
FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)

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SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS						DRAWN BY W.H.	
MIAMI DADE ALUMINUM CORP.						06/15/2026 DATE	
1615 WEST 31ST PLACE HIALEAH, FL 33012						26-085 DRAWING No	
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 5 OF 12	
1	OLD 24-012	06/15/26	3				
2			4				

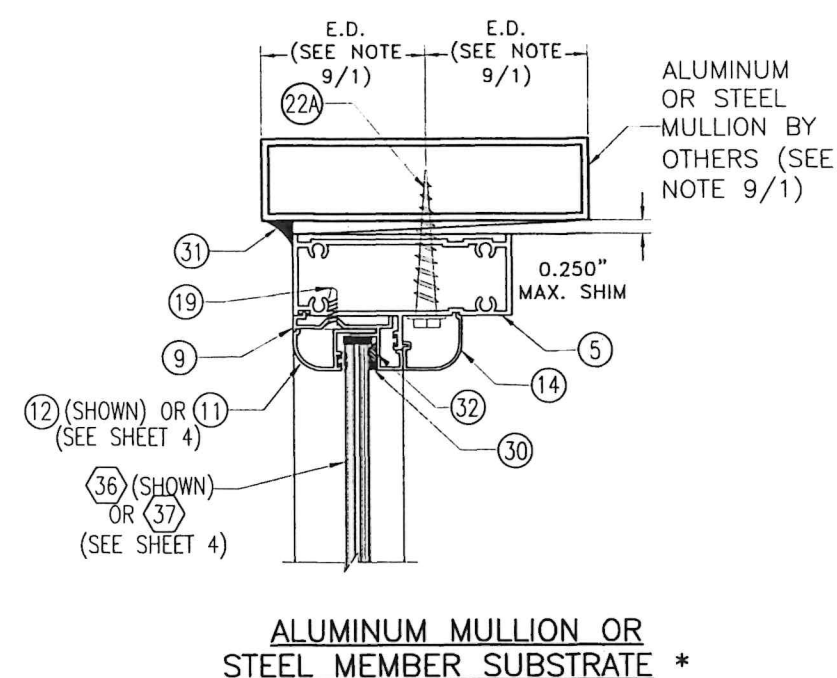
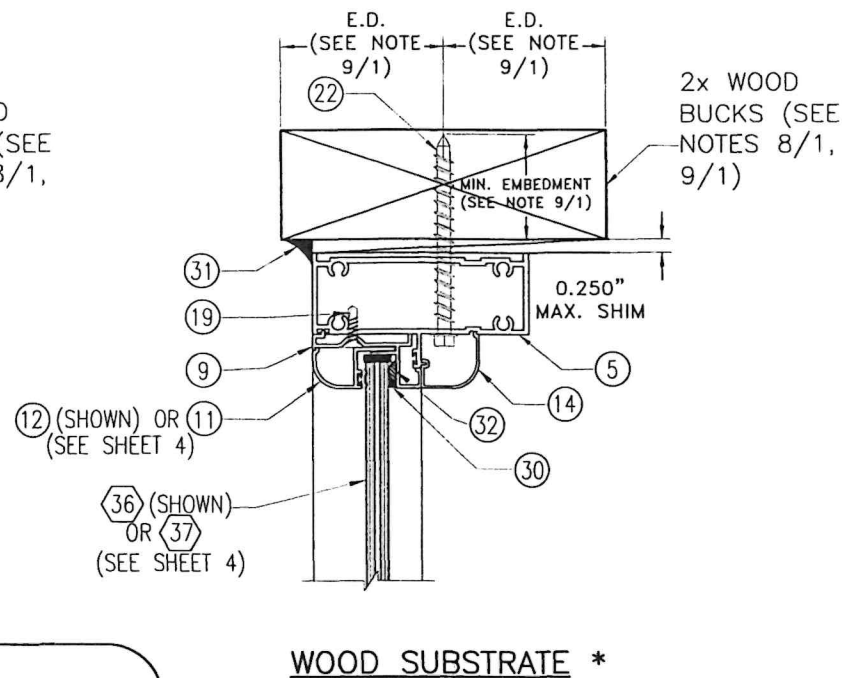
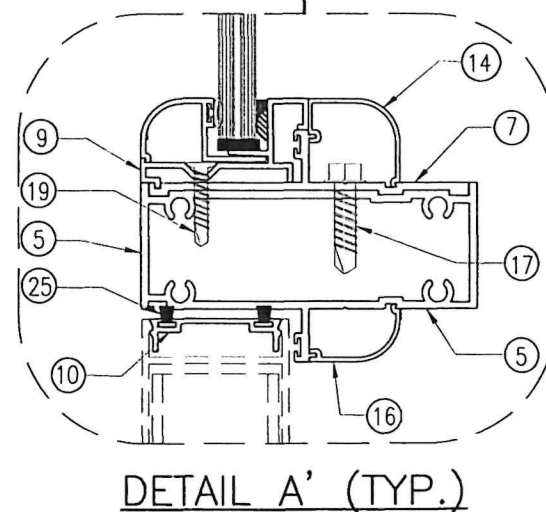
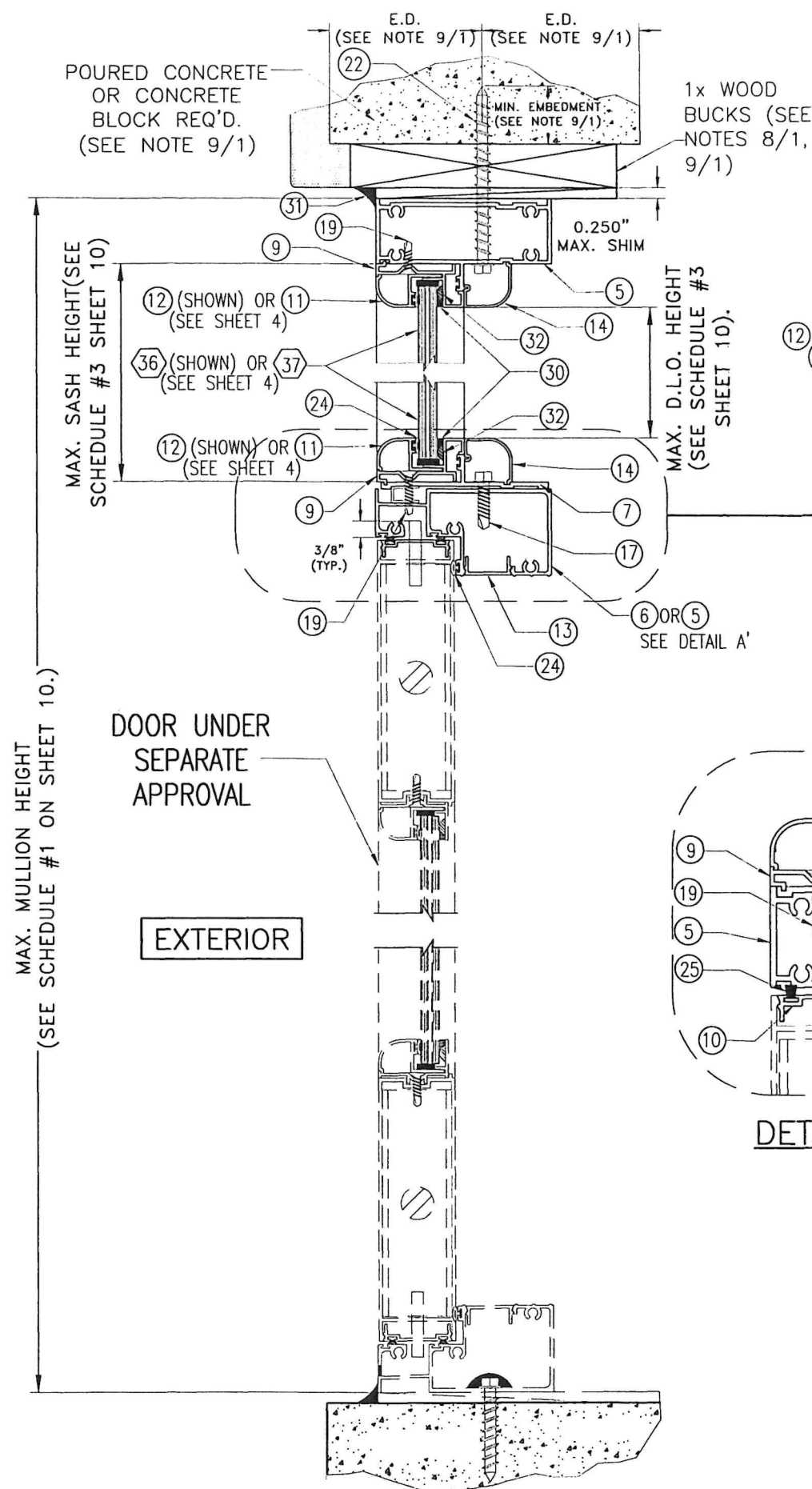


SECTION A-A
AT STOREFRONT'S INTERIOR PANELS
SCALE: N.T.S

* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.

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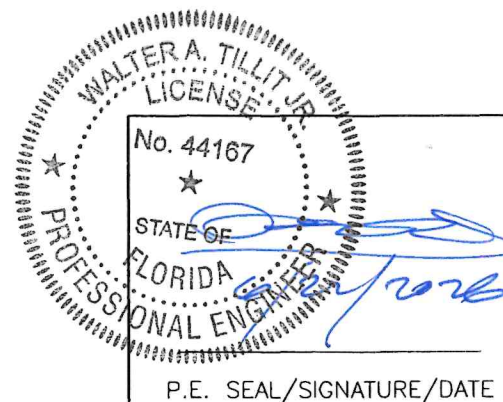
FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)					
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TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			MIAMI DADE ALUMINUM CORP. 1615 WEST 31ST PLACE HIALEAH, FL 33012		06/15/2026 DATE
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1	OLD 24-012	06/15/26	3		
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					SHEET 6 OF 12



SECTION B-B AT STOREFRONT ABOVE SINGLE OR DOUBLE DOOR (UNDER SEPARATE APPROVAL)

SCALE: N.T.S

* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.



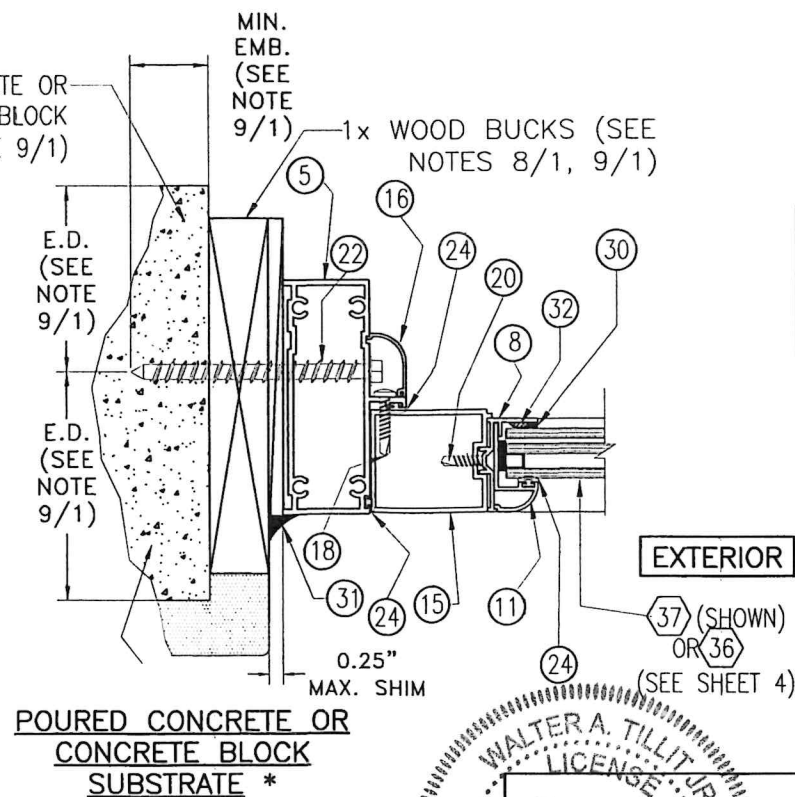
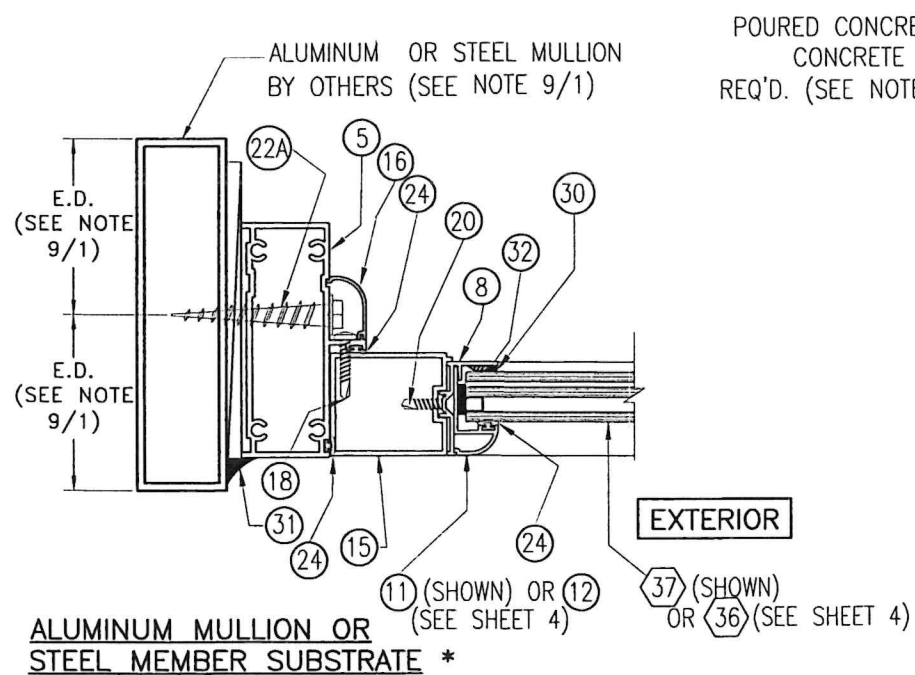
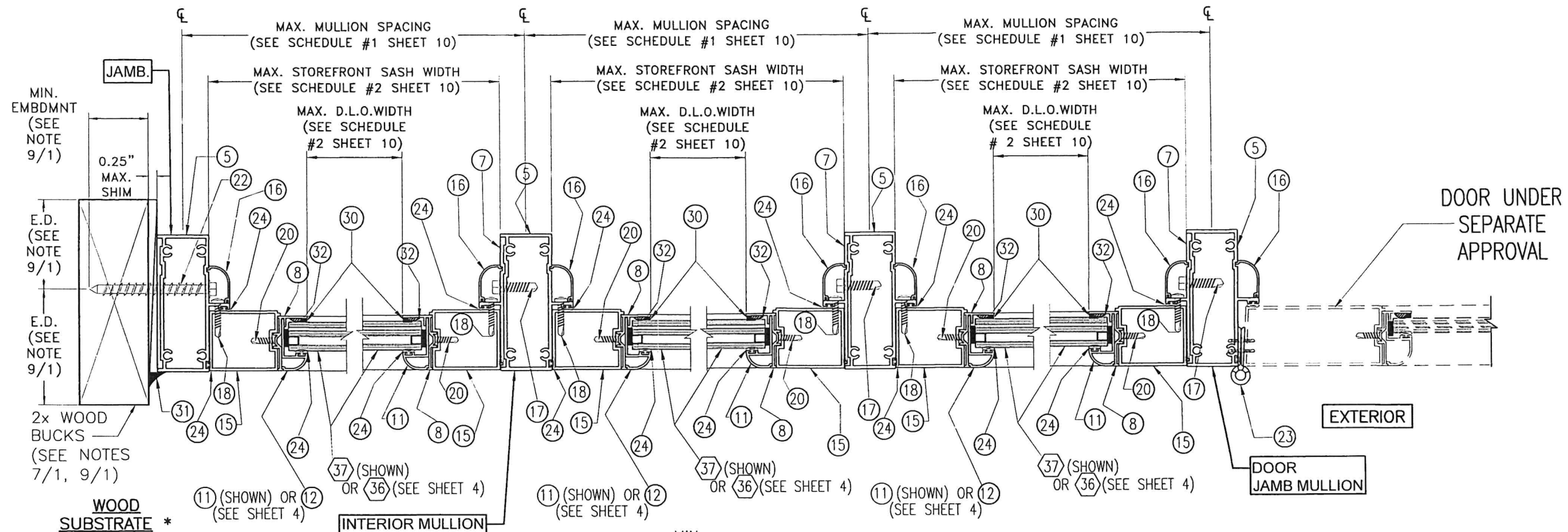
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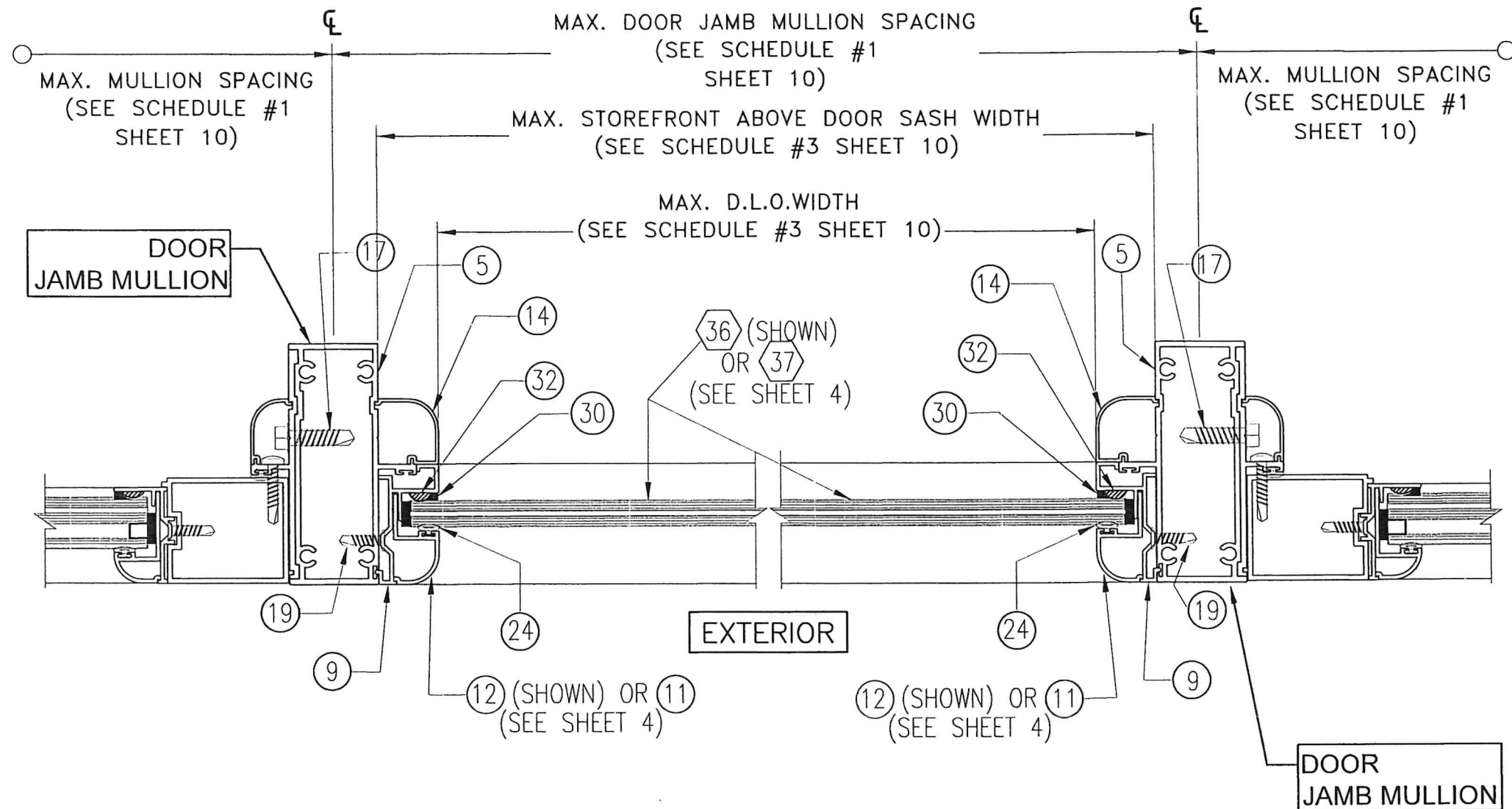
* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

SECTION C-C
AT STOREFRONT ADJACENT TO SINGLE OR DOUBLE
DOOR (UNDER SEPARATE APPROVAL).

SCALE: N.T.S

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DATE					26-085
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SECTION D-D
AT STOREFRONT ABOVE SINGLE OR DOUBLE DOOR
(UNDER SEPARATE APPROVAL)

SCALE: N.T.S

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SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE
 & SMALL MISSILE LAMINATED & INSULATED GLASS

MIAMI DADE ALUMINUM CORP.
 1615 WEST 31ST PLACE
 HIALEAH, FL 33012

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2			4		

SHEET 9 OF 12

SCHEDULE #1
MAX. STOREFRONT DIMENSIONS WHEN INSTALLED
ADJACENT TO SINGLE OR DOUBLE DOOR
(UNDER SEPARATE APPROVAL)

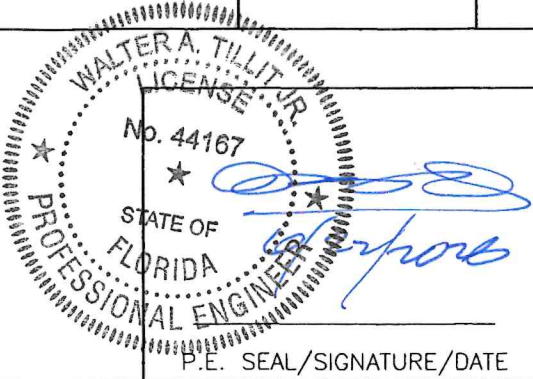
ASD DESIGN PRESSURE RATING	MAX. MULLION SPACING O.C.	MAX. MULLION HEIGHT
INTERIOR MULLIONS	4'-0"	8'-4"
DOOR JAMB MULLION @ SINGLE DOOR	3'-4"	8'-4"
DOOR JAMB MULLION @ DOUBLE DOOR	6'-6 1/2"	8'-4"

SCHEDULE #2
MAX. SASH & D.L.O. FOR INTERIOR STOREFRONT PANEL

MAX. SASH WIDTH	MAX. SASH HEIGHT	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT
3'-10 1/2"	7'-7 5/8"	3'-4"	7'-0"

SCHEDULE #3
MAX. SASH & D.L.O. FOR STOREFRONT
ABOVE SINGLE OR DOUBLE DOOR.
IN BETWEEN DOOR JAMB MULLIONS

DOOR TYPE	MAX. SASH WIDTH	MAX. SASH HEIGHT	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT
AT SINGLE DOOR	3'-2 1/2"	3'-10 1/2"	3'-0 1/2"	3'-7"
AT DOUBLE DOOR	6'-5"	3'-10 1/2"	6'-3"	3'-7"



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			DRAWING No 26-085		
			SHEET 10 OF 12		
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1	OLD 24-012	06/15/20	3		
2			4		

SCHEDULE #4

MAXIMUM ANCHOR SPACING "S" & CORRESPONDING ASD DESIGN PRESSURE RATING SCHEDULE AT JAMBS

SUBSTRATE	ANCHOR TYPE	A.S.D. DESIGN PRESSURE RATING (psf)	"S"
CONCRETE	1/4"Ø ULTRACON+ OR ULTRACON SS4 ANCHOR (22) †	+70.0, -70.0	11" O.C.
BLOCK	1/4"Ø ULTRACON+ OR ULTRACON SS4 ANCHOR (22) †	+70.0, -70.0	11" O.C.
WOOD	1/4"Ø ULTRACON+ OR ULTRACON SS4 ANCHOR (22) †	+70.0, -70.0	11" O.C.
ALUMINUM OR STEEL	1/4"Ø-14 ITW/BUILDEX TEK SCREWS (22A) †	+70.0, -70.0	11" O.C.

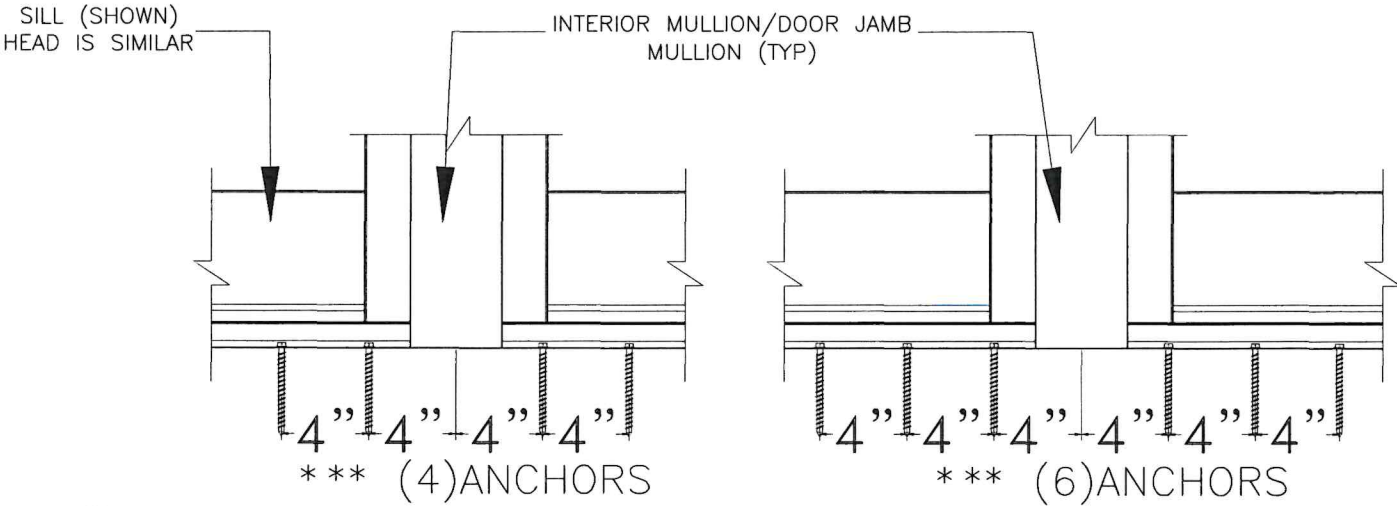
† USE APPLICABLE ANCHORS ((22)OR(22A)) AS PER NOTE 9 ON SHEET 1

SCHEDULE #5

REQ'D NUMBER OF ANCHORS AT HEAD & SILL: CLUSTER OF ANCHORS AT INTERIOR STOREFRONT MULLION & DOOR JAMB MULLIONS & CORRESPONDING A.S.D. DESIGN PRESSURE RATING ***

ASD DESIGN PRESSURE RATING	SUBSTRATE
	CONCRETE, BLOCK, WOOD, ALUM., STEEL
UP TO +67.5, -67.5 psf	4 ANCHORS †
> +67.5, -67.5 psf UP TO +70, -70 psf	6 ANCHORS †

† USE APPLICABLE ANCHORS ((22)OR(22A)) AS PER NOTE 9 ON SHEET 1



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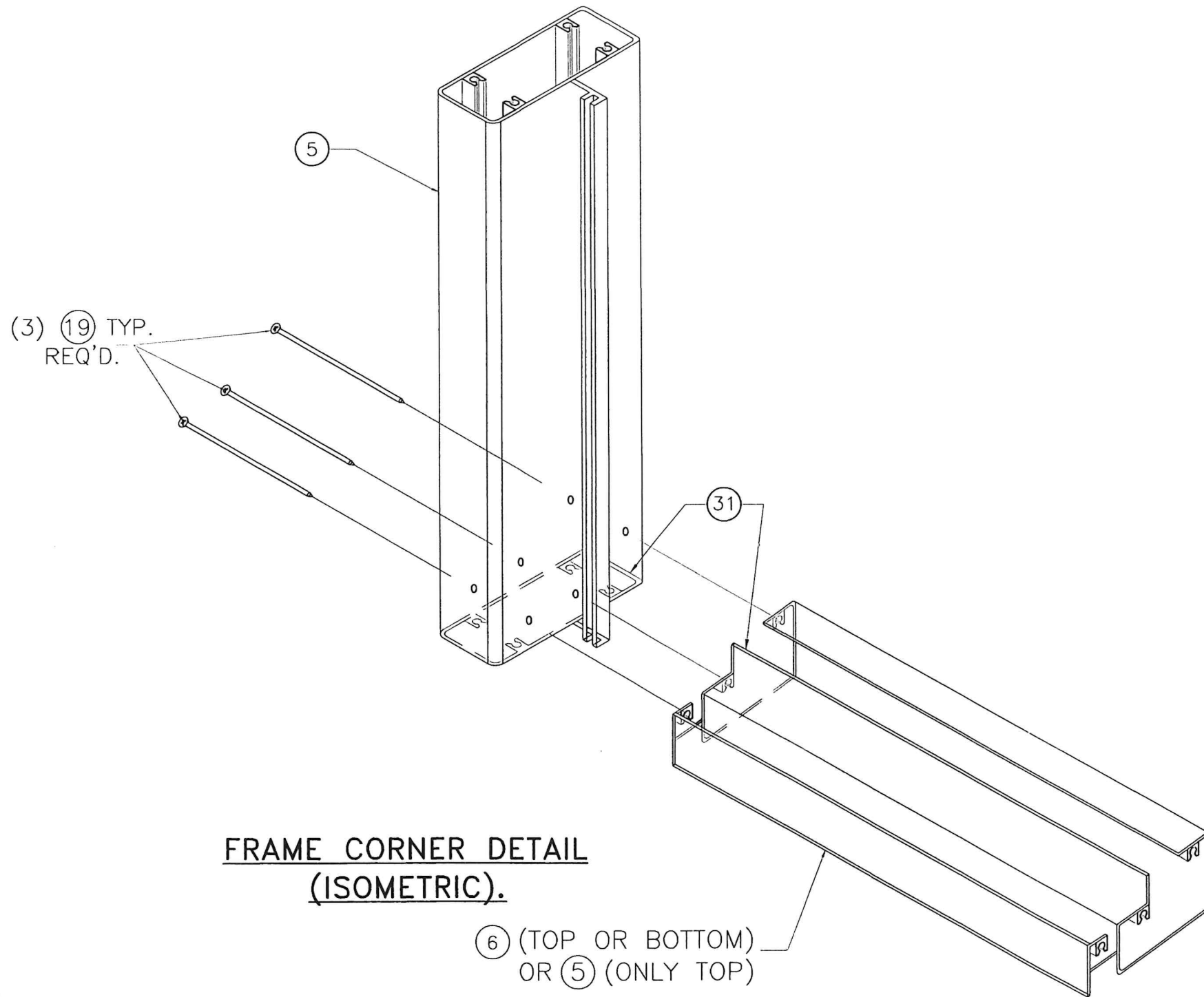
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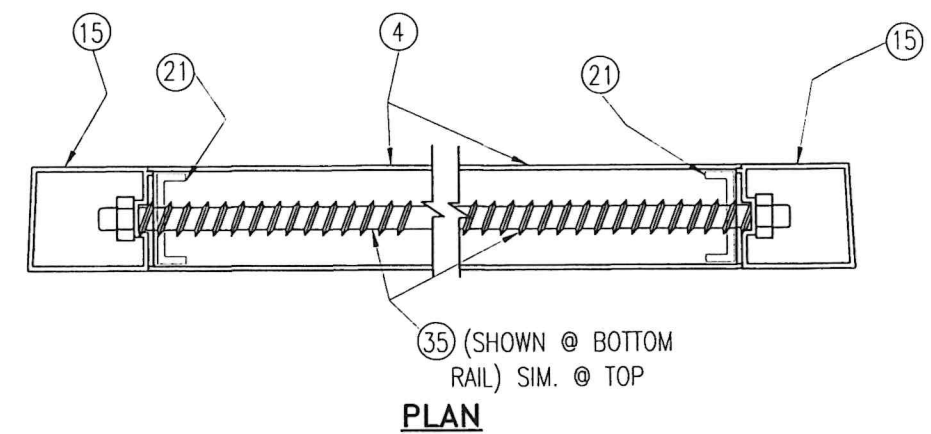
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SHEET 11 OF 12



**FRAME CORNER DETAIL
(ISOMETRIC).**



**DETAIL 1: TOP/BOTTOM RAIL (4)
CONNECTION TO STILES (5)**

SCALE: N.T.S.

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MIAMI DADE ALUMINUM CORP.			06/15/2026		
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SHEET 12 OF 12