

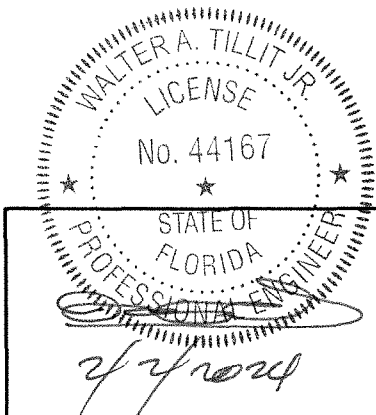
PRODUCT APPROVAL SERIES MDAC 2455 STOREFRONT SYSTEM FOR USE IN HURRICANE ZONES REQUIRING
LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS . (WET GLAZED)

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 2023 (8th 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 N.D.S. 2018.
- 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 FENESTATION 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 PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE.
2. **MAXIMUM A.S.D. DESIGN PRESSURE RATING FOR THIS PRODUCT IS +70.0, -70.0 psf.**
3. **THIS PRODUCT WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.**
4. **THIS PRODUCT IS APPROVED FOR AIR/WATER INFILTRATION FOR UP TO A POSITIVE A.S.D LOAD OF 70.0 psf.**
5. PRODUCT SHALL COMPLY WITH SECTION 2406 OF THE FLORIDA BUILDING CODE.
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 TAPCON ANCHOR W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, INC. (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 TAPCON ANCHOR W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22), THRU 1" P.T. WOOD BUCK.

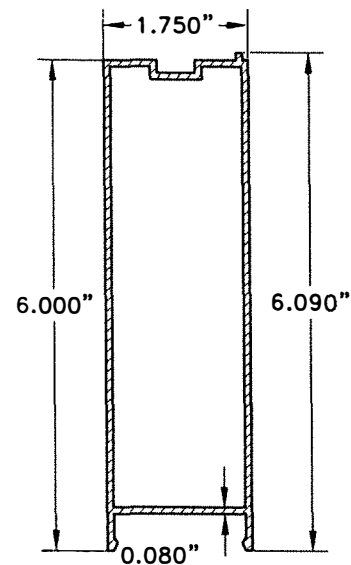
- (C) TO EXISTING 2xP.T. WOOD BUCK. MIN. EDGE DISTANCE (E.D.) = 1".
- 1/4"Ø TAPCON ANCHOR W/ 1 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22).
- (D) TO EXISTING MIN. 1/8" THICK ALUMINUM TUBE (6063-T5 ALLOY) MIN. EDGE DISTANCE (E.D.) = 1/2".
- 1/4"Ø-14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22), 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, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22), FULLY ENGAGED.
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

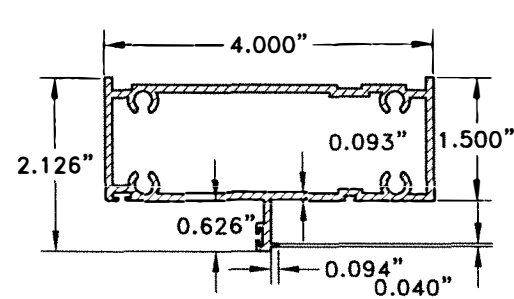


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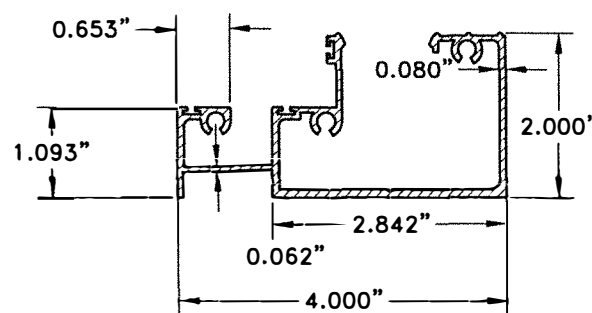
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TILTECO INC.			DRAWN BY W.H.		
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			MIAMI DADE ALUMINUM CORP. 1615 WEST 31ST PLACE HALEAH, FL 33012 ph: 305-823-0099		
			DATE 01/25/2024		
			DRAWING No 24-012		
			SHEET 1 OF 12		



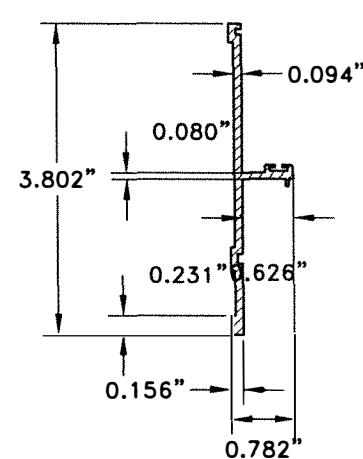
④ TOP & BOTTOM RAIL
6063-T6 ALLOY



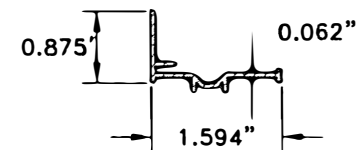
⑤ FRAME HEAD, JAMB & INTERIOR MULLION.
6063-T6 ALLOY



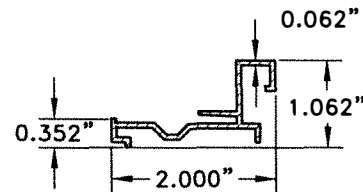
⑥ FRAME SILL & HEAD.
6063-T6 ALLOY



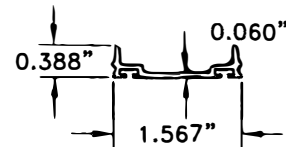
⑦ INSERT AT INTERIOR MULLION
AND AT DOOR JAMB MULLIONS
6063-T6 ALLOY



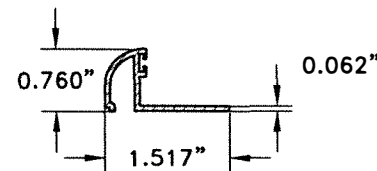
⑧ GLAZING ADAPTER FOR LAMINATED
& LAMINATED-INSULATED GLASS
6063-T6 ALLOY



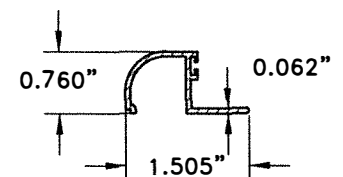
⑨ GLAZING ADAPTER FOR STOREFRONT
ABOVE DOOR, FOR LAMINATED &
LAMINATED-INSULATED GLASS.
6063-T6 ALLOY



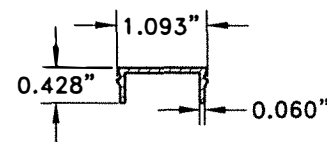
⑩ WEATHER STRIP ADAPTER
6063-T6 ALLOY



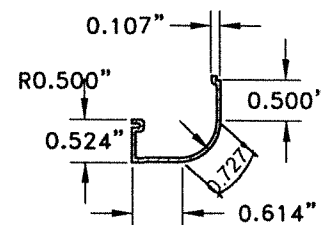
⑪ GLAZING BEAD
LAMINATED INSULATED GLASS -
13/16"
6063-T6 ALLOY



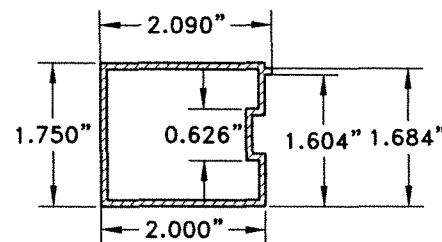
⑫ GLAZING BEAD
LAMINATED GLASS - 7/16"
6063-T6 ALLOY



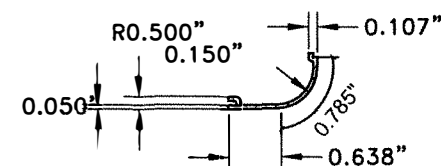
⑬ HEAD & SILL COVER PLATE
6063-T6 ALLOY



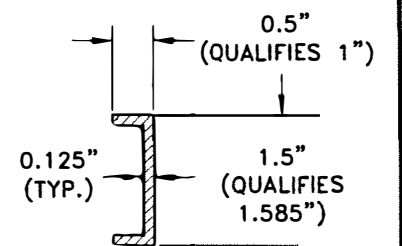
⑭ SCREW COVER FOR
STOREFRONT ABOVE DOOR
6063-T6 ALLOY



⑮ STOREFRONT
PANEL STILE
6063-T6 ALLOY



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



⑰ RETAINER CLIP ④
(U-CHANNEL)
6063-T6 ALLOY
5" LONG

COMPONENTS
SCALE: N.T.S.

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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TILTECO INC.			MIAMI DADE ALUMINUM CORP.		01/25/2024
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: tiltco@aol.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			1815 WEST 31ST PLACE HIALEAH, FL 33012 ph: 305-823-0099		DATE 24-012
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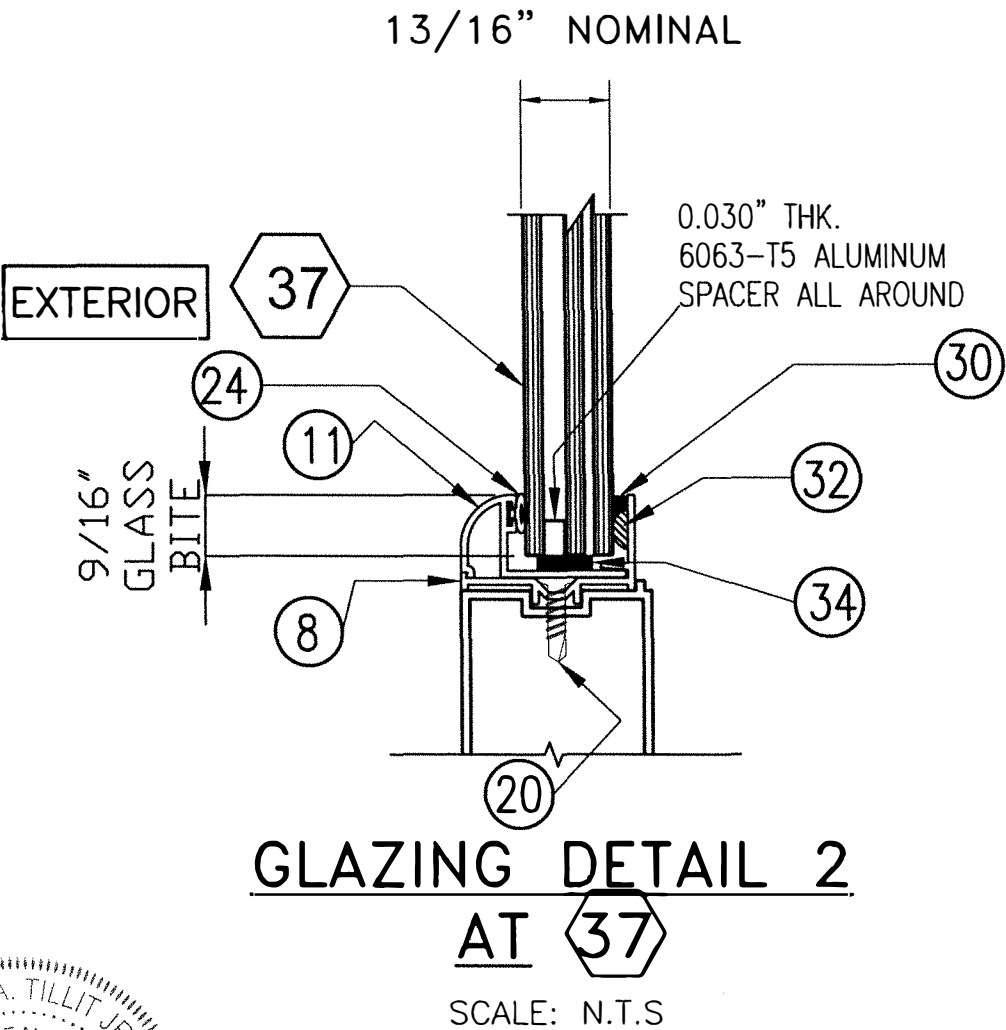
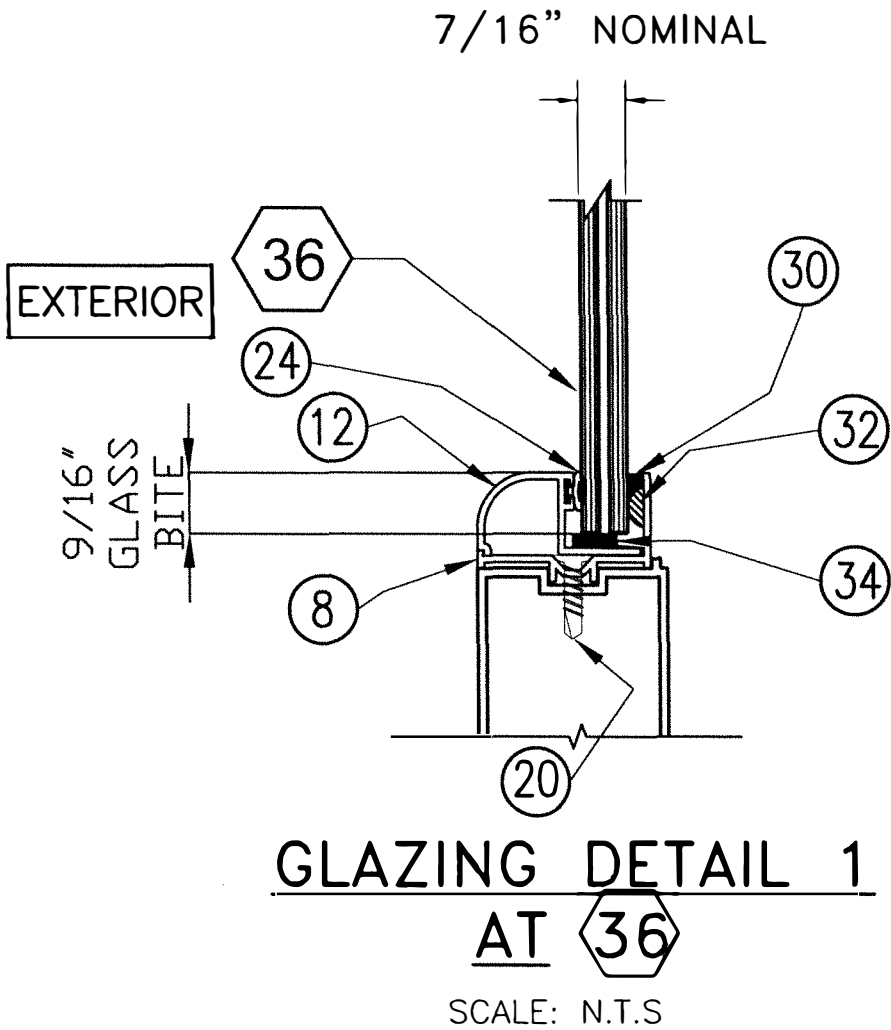
BILL OF MATERIALS

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+⑳	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 + ㉓	6063-T6
㉒	TAPCON (ITW /BUILDEX) 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	
㉖	STRUCTURAL SILICONE DOW CORNING 995	ALL AROUND GLASS	SILICONE
㉗	NON STRUCTURAL SILICONE DOW CORNING CONTRACTORS CONCRETE SEALANT (CCS)	AS SHOWN	SILICONE
㉘	BUMPER SPHEAR		SILICONE
㉙	SETTING BLOCK	MIN. 70 DUROMETER.	E.P.D.M.
㉚	CONTINUOS THREADED ROD	3/8"Ø, W/ (4) S.S. SECURITY NUTS W/ NYLON INSERT EACH PANEL (2 PER PANEL)	STEEL

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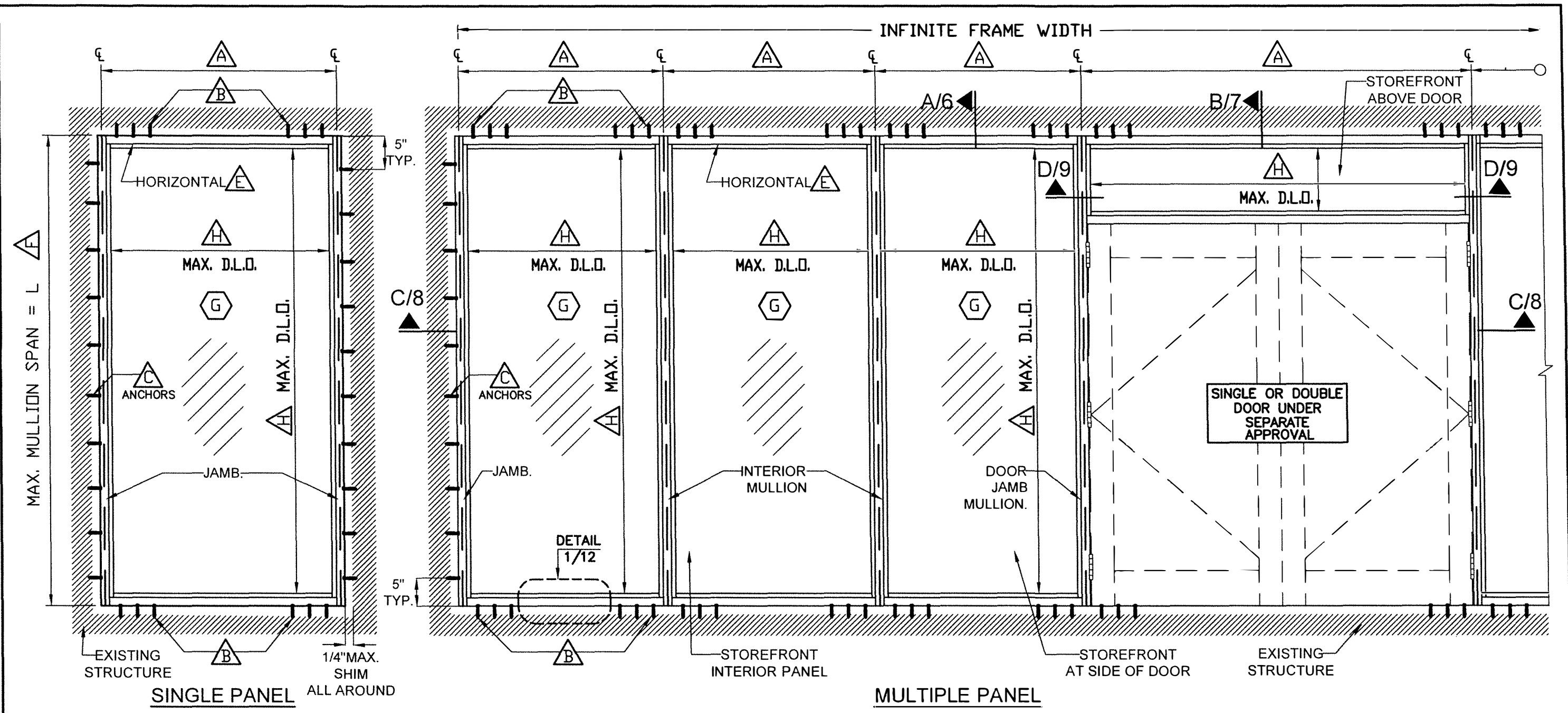
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©2024 TILTECO, INC.			SERIES MDAC 2455 STOREFRONT SYSTEM W/ LARGE & SMALL MISSILE LAMINATED & INSULATED GLASS.		DRAWN BY W.H.
TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 • Fax : (305)871-1531 e-mail: tillit@tillit.com			MIAMI DADE ALUMINUM CORP. 1615 WEST 31ST PLACE HIALEAH, FL 33012 ph: 305-823-0099		01/25/2024 DATE
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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



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TILTECO INC.			DATE 01/25/2024		
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CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			MIAMI DADE ALUMINUM CORP. 1615 WEST 31ST PLACE HIALEAH, FL 33012 ph: 305-823-0099		
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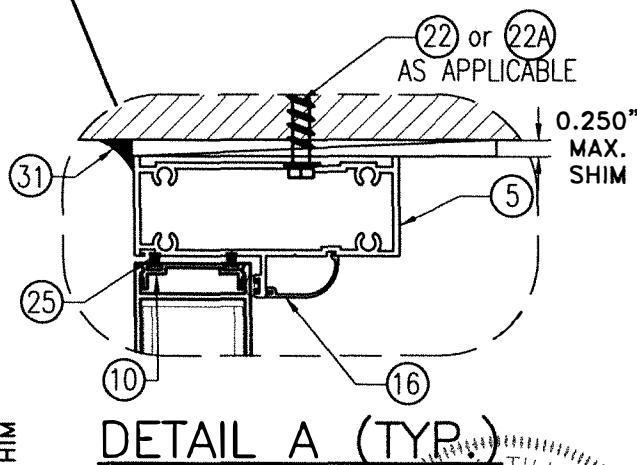
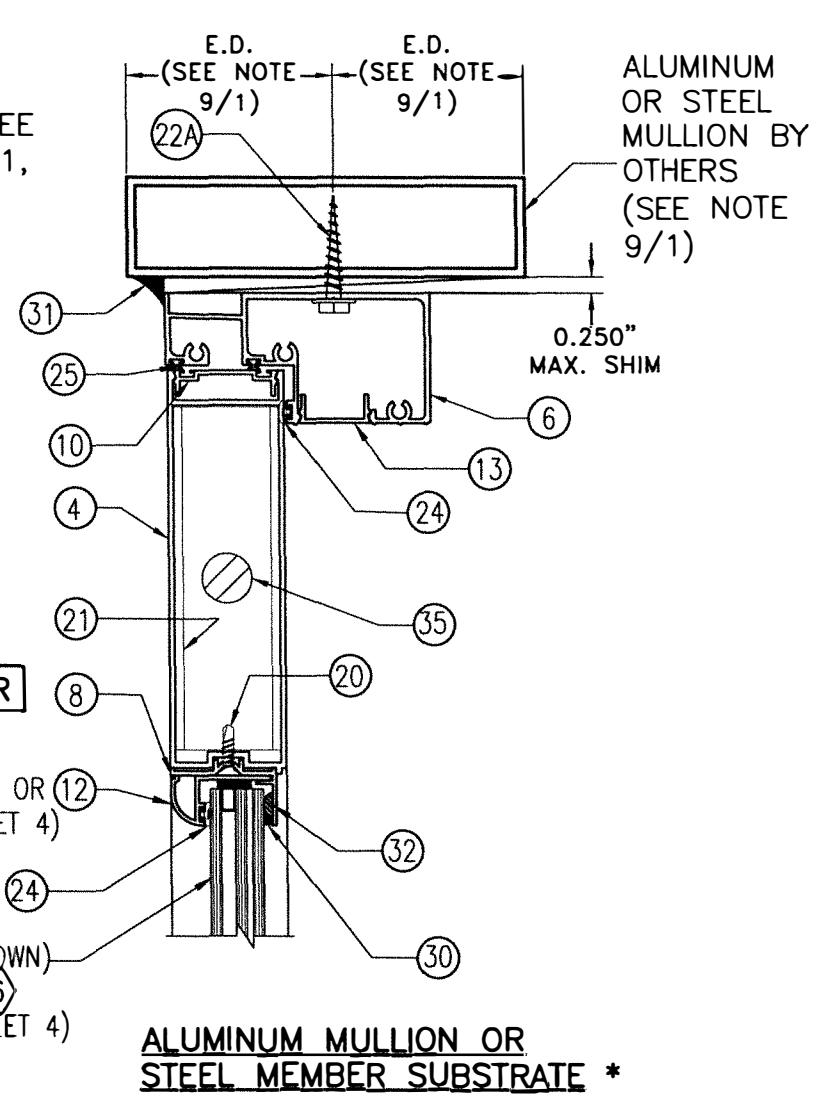
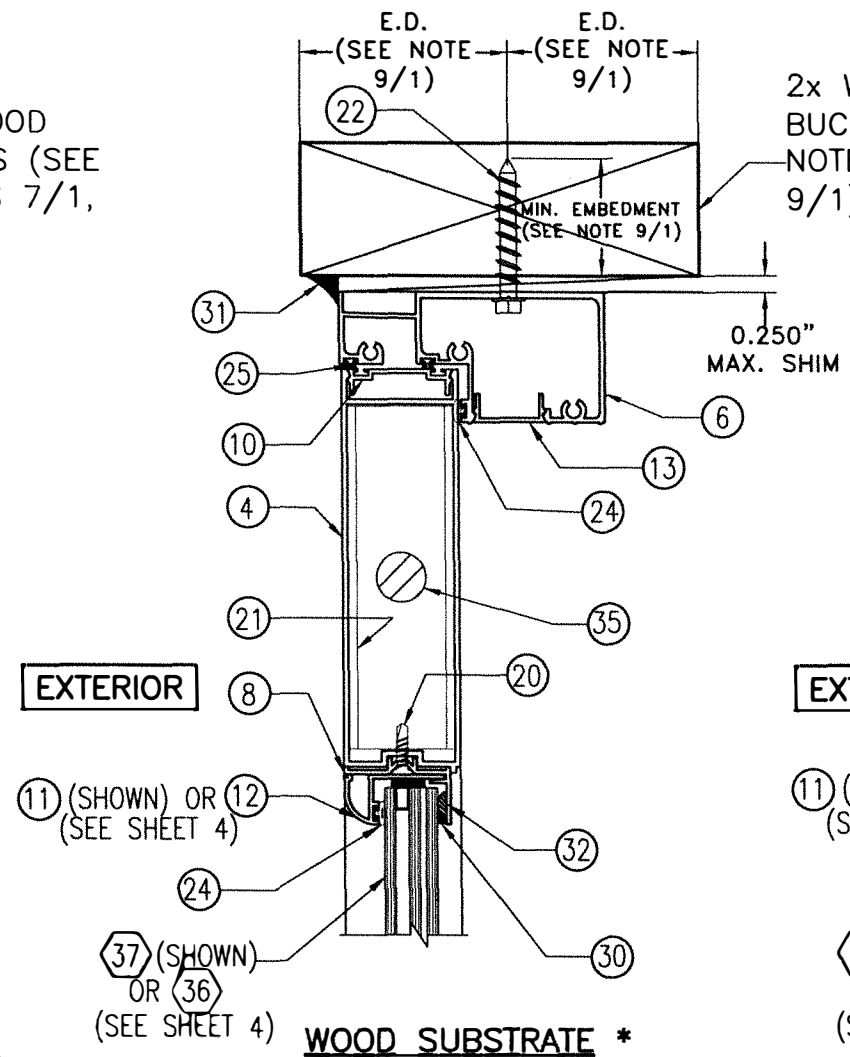
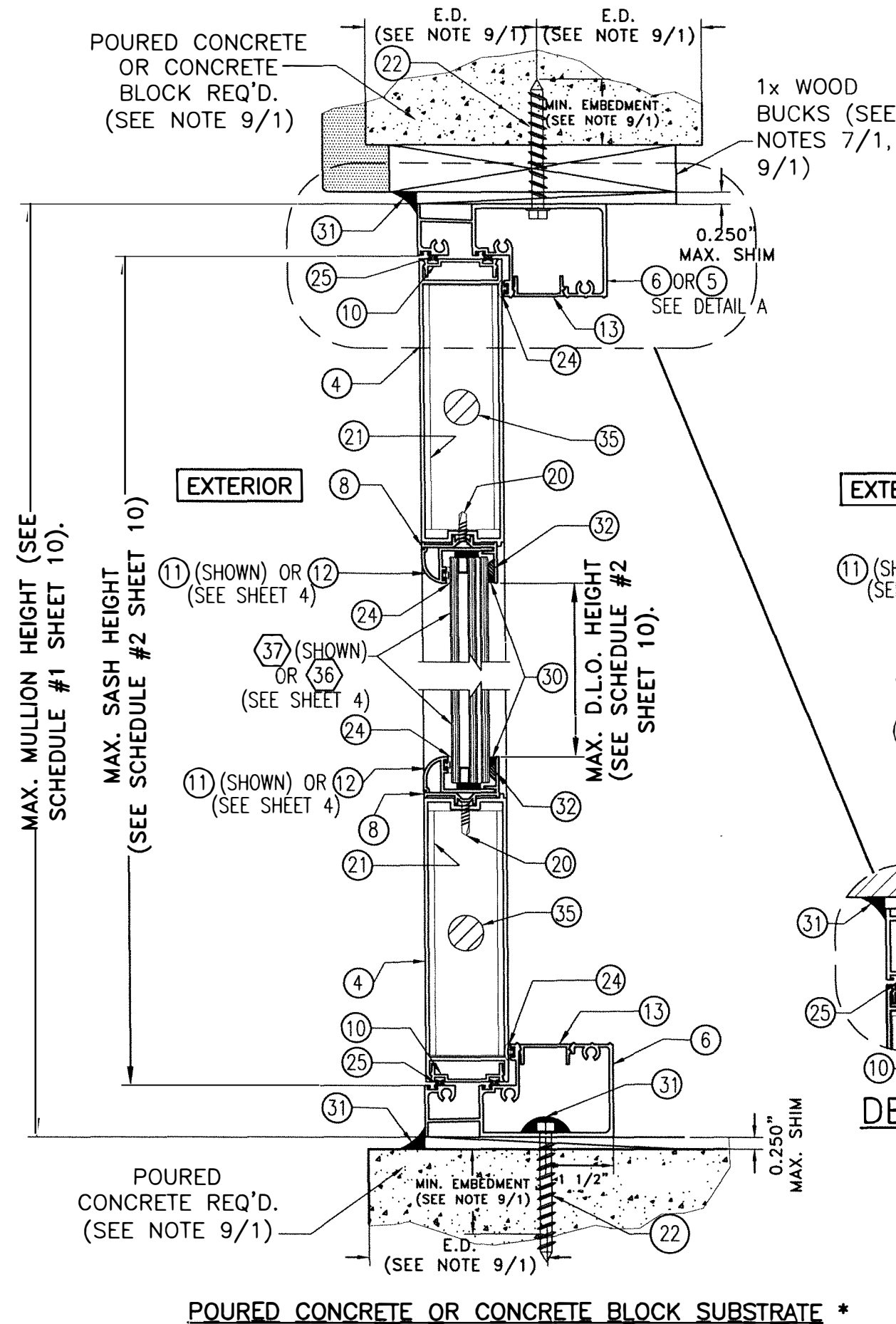


FOOT NOTES:

- 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.

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TILTECO INC.			DATE 01/25/2024		
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			1615 WEST 31ST PLACE HALEAH, FL 33012 ph: 305-823-0099		
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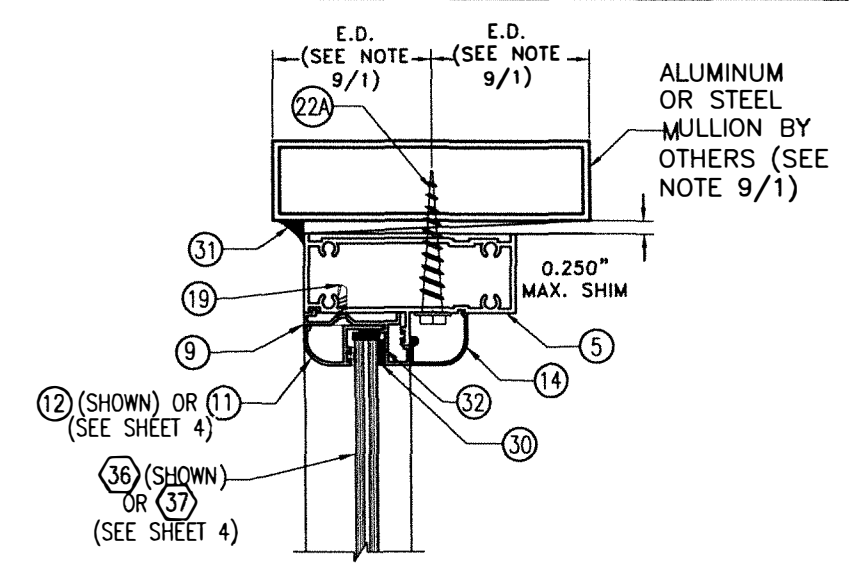
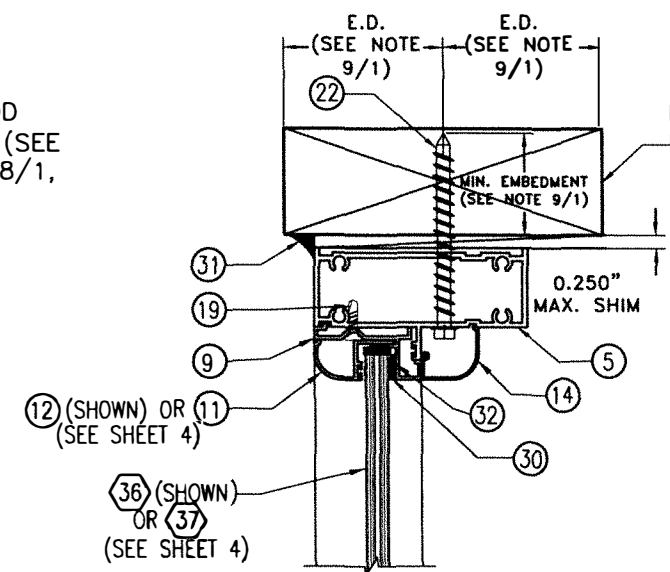
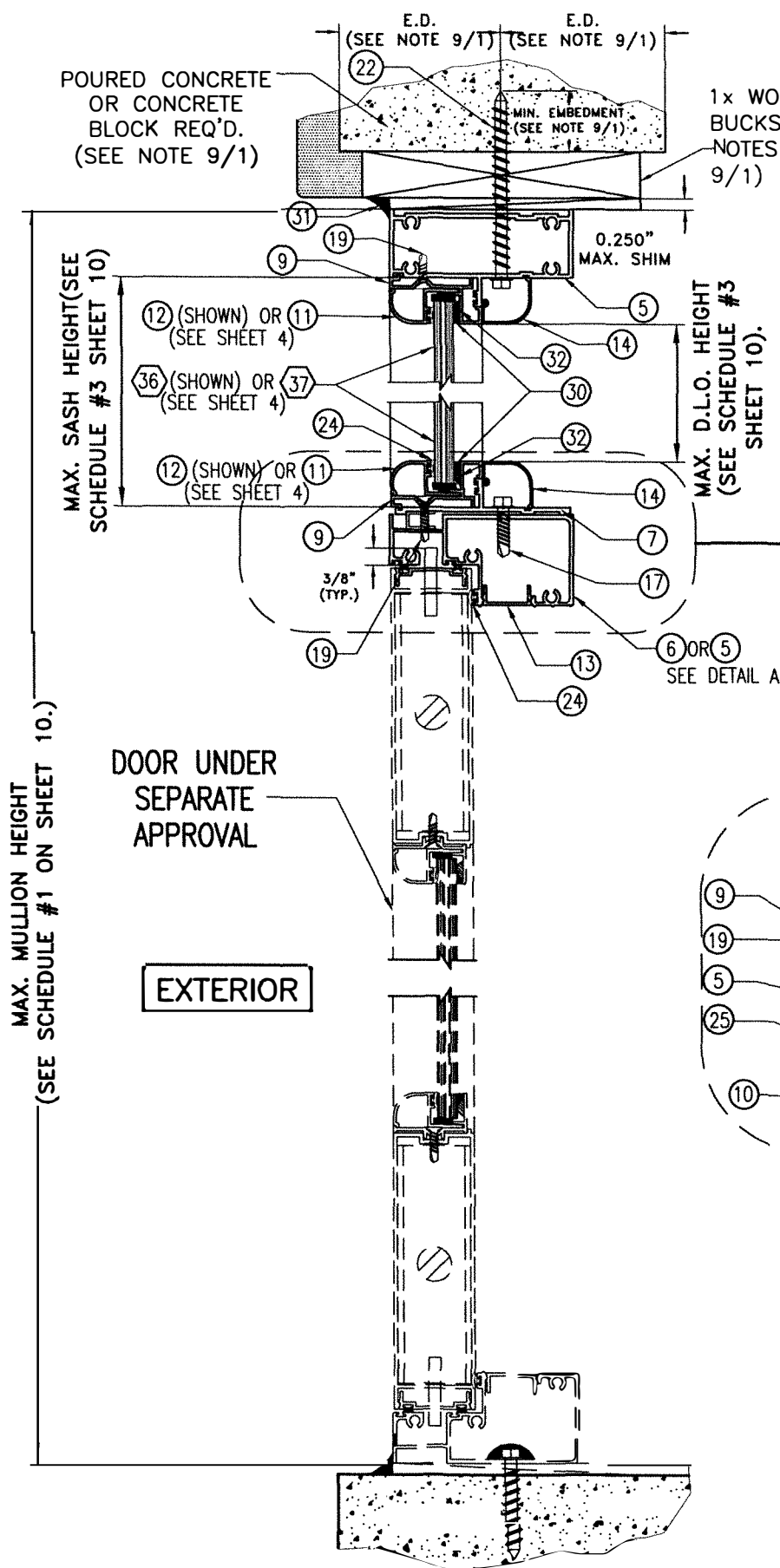
SECTION A-A AT STOREFRONT'S INTERIOR PANELS

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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PROFESSIONAL ENGINEER
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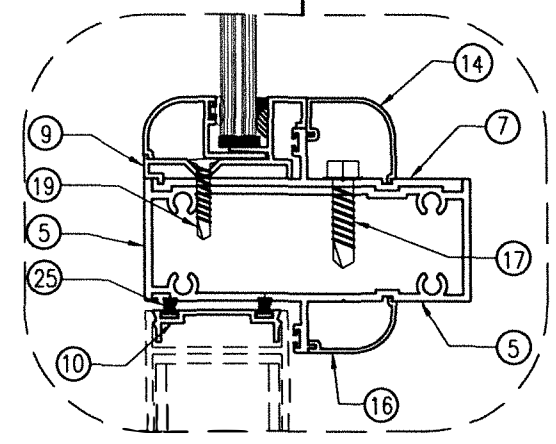
FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)					
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TILTECO inc.			MIAMI DADE ALUMINUM CORP.		01/25/2024
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tiltco@tillit.com CA-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			1815 WEST 31ST PLACE HIALEAH, FL 33012 ph: 305-823-0099		DATE 24-012
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			2		
2			3		
					DRAWING No SHEET 6 OF 12



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

SCALE: N.T.S.

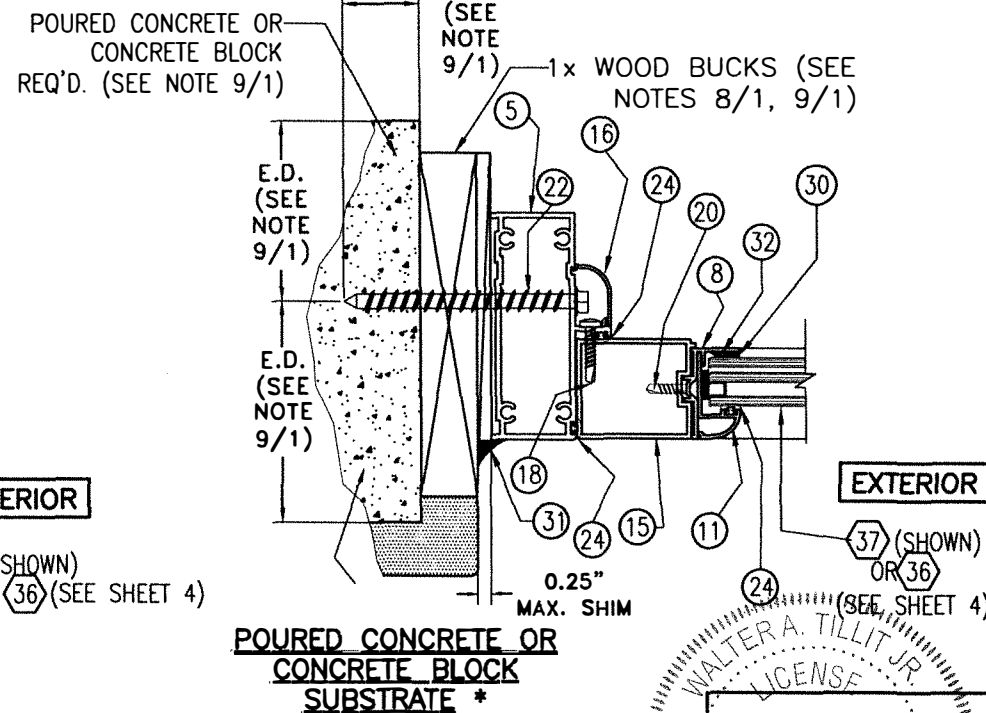
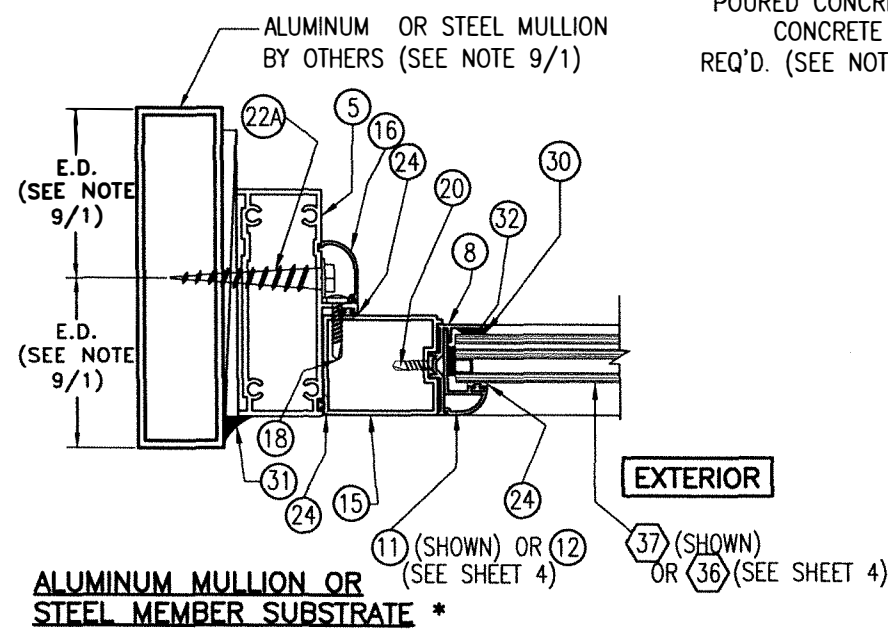
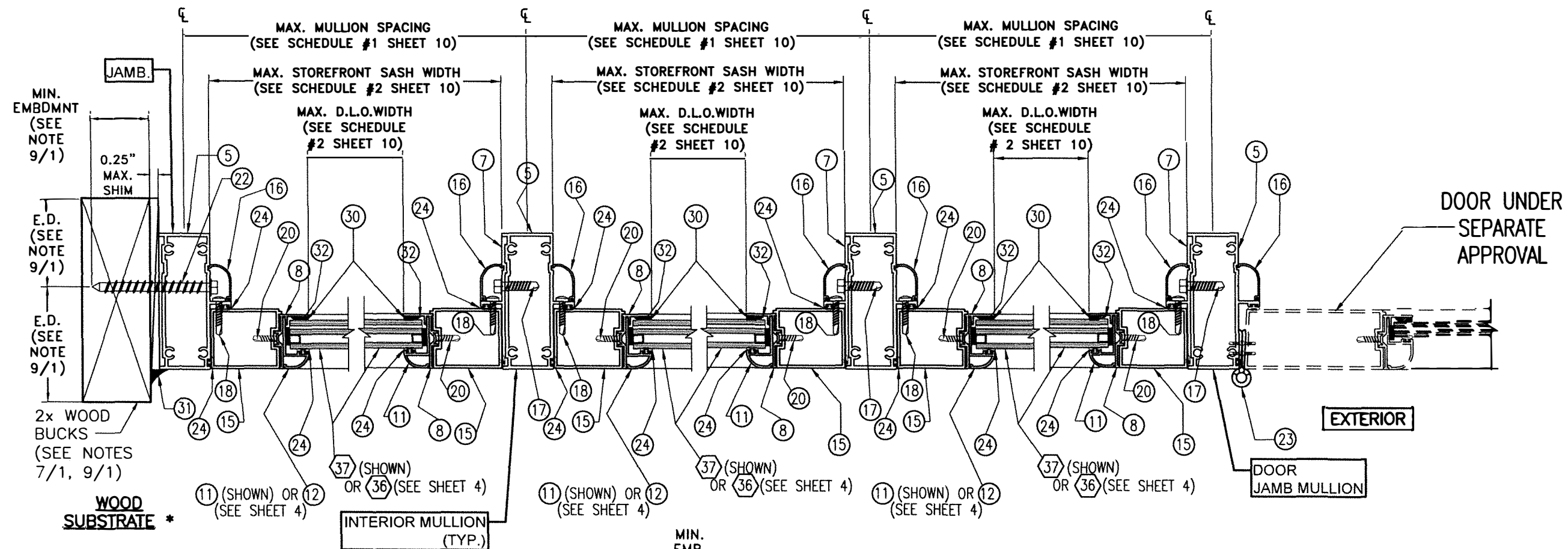
* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.



DETAIL A' (TYP.)

WALTER A. TILLIT JR.
 LICENSE
 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
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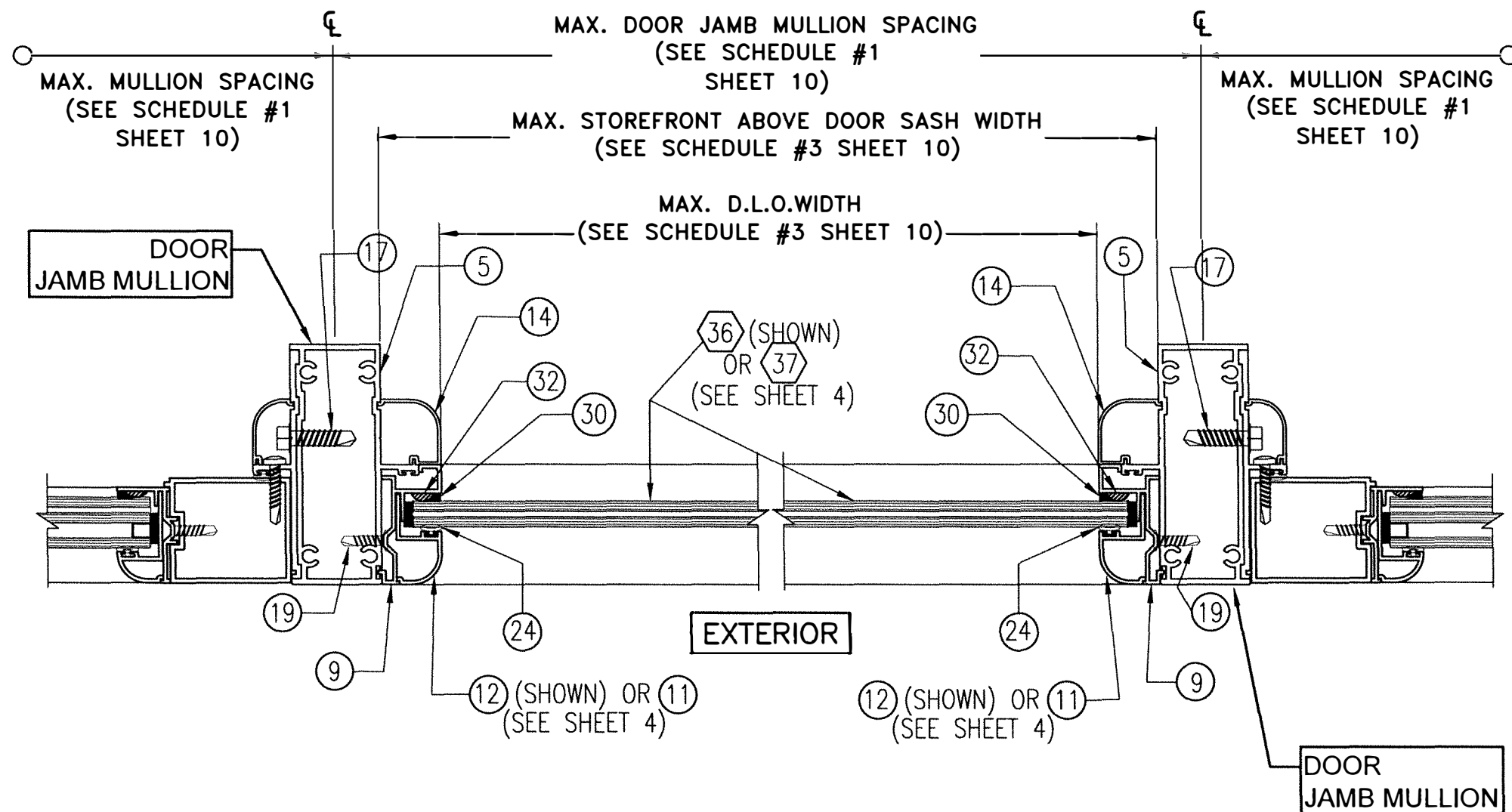
* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

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

SCALE: N.T.S

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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			2		
3			4		
					DRAWING No
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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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REV. No.	DESCRIPTION	DATE	REV. No.	DESCRIPTION	DATE
1			2		
2			3		
					DRAWING No 24-012
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SCHEDULE #1

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

MAX. ASD DESIGN PRESSURE RATING +70, -70 psf	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

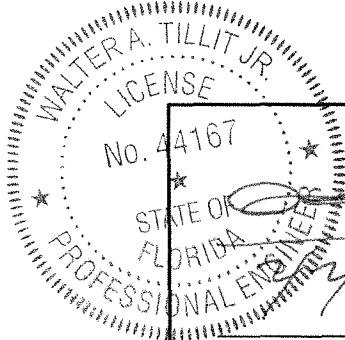
MAX. SASH & D.L.O FOR INTERIOR
STOREFRONT PANEL

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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			1615 WEST 31ST PLACE HIALEAH, FL 33012 ph: 305-823-0099		DATE
			DRAWING No		24-012
			SHEET 10 OF 12		

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 ITW/BUILDEX TAPCON ANCHOR (22)†	+70.0, -70.0	11" O.C.
BLOCK	1/4"Ø ITW/BUILDEX TAPCON ANCHOR (22)†	+70.0, -70.0	11" O.C.
WOOD	1/4"Ø ITW/BUILDEX TAPCON ANCHOR (22)†	+70.0, -70.0	11" O.C.
ALUMINUM TUBE OR STEEL MEMBER	1/4"Ø-14 ITW/BUILDEX TEK SCREW (22A)†	+70.0, -70.0	11" O.C.

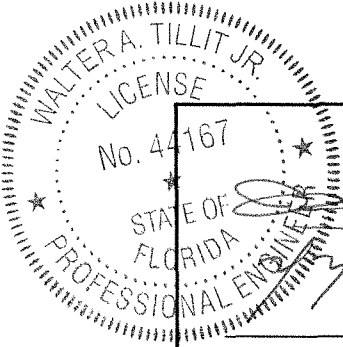
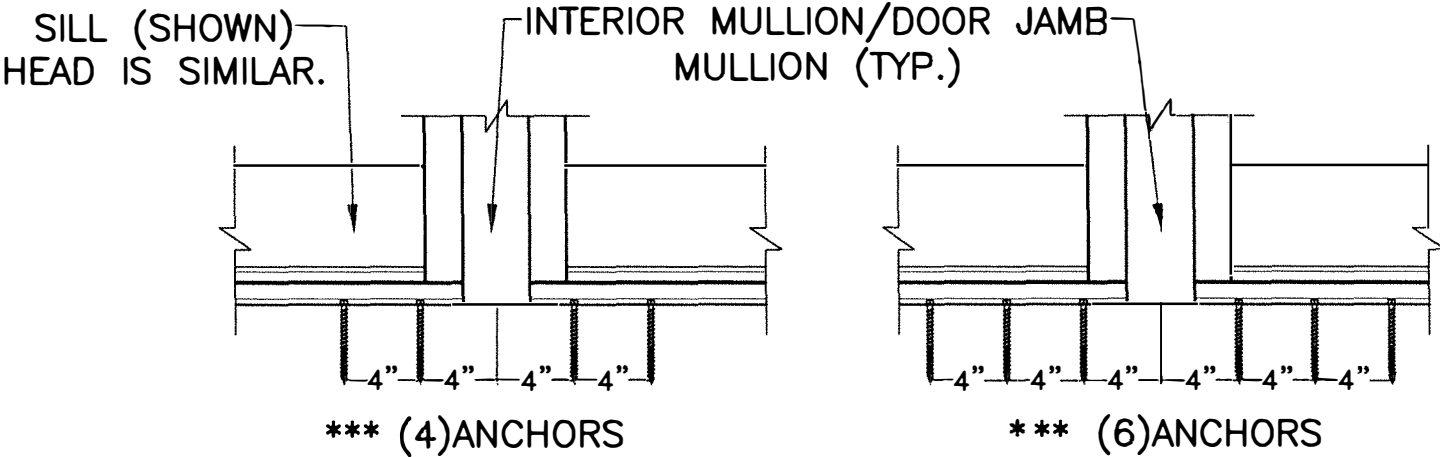
† USE APPLICABLE ANCHORS (22 OR 22A) AS PER NOTE 9 ON SHEET 1.

SCHEDULE #5

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

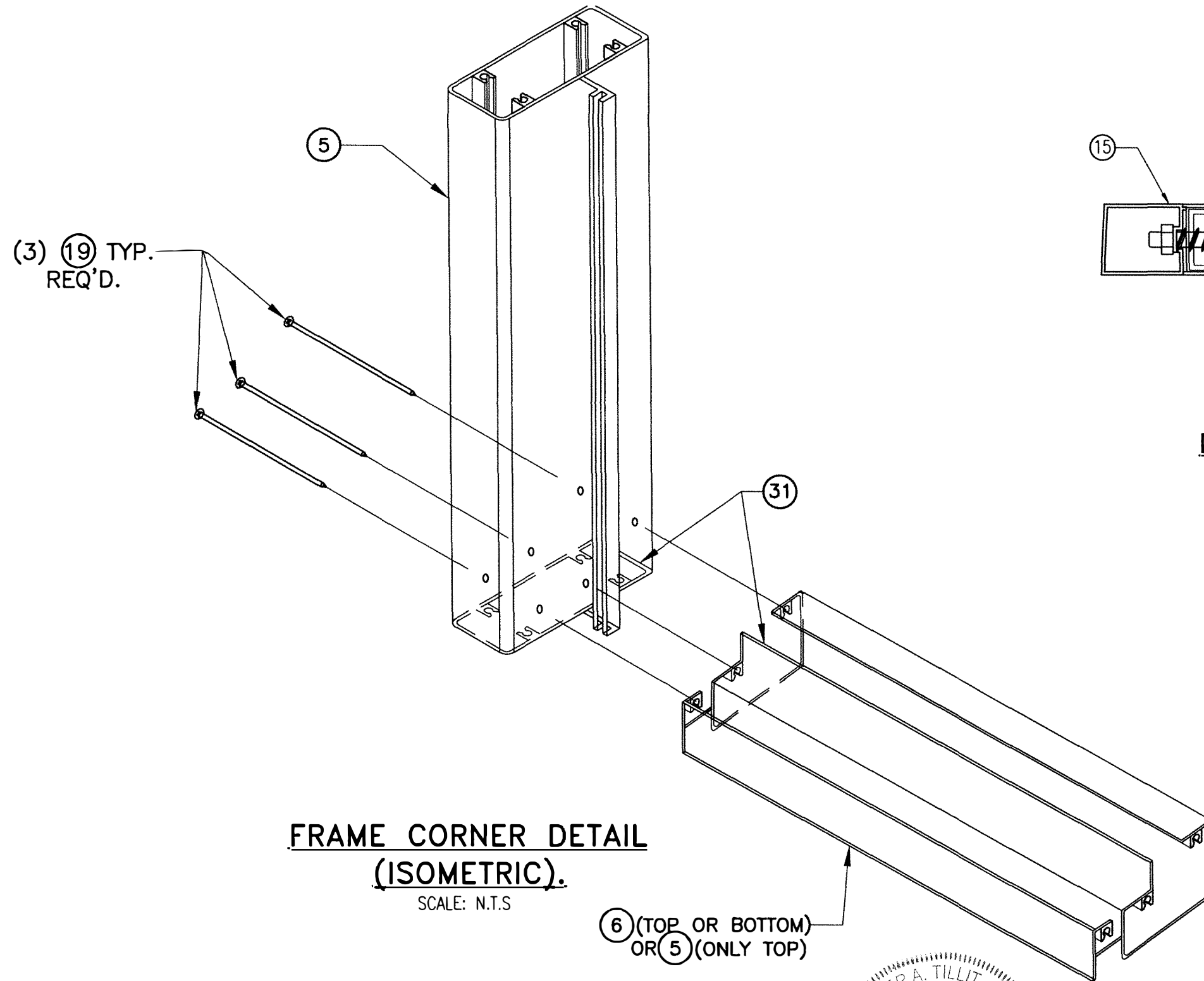
ASD DESIGN PRESSURE RATING	SUBSTRATE
	CONCRETE, BLOCK, WOOD, ALUM., STEEL
UP TO +67.5, -67.5 psf	4 ANCHORS †
> +67.5, -67.5 psf UP TO +70, -70 psf	6 ANCHORS †

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

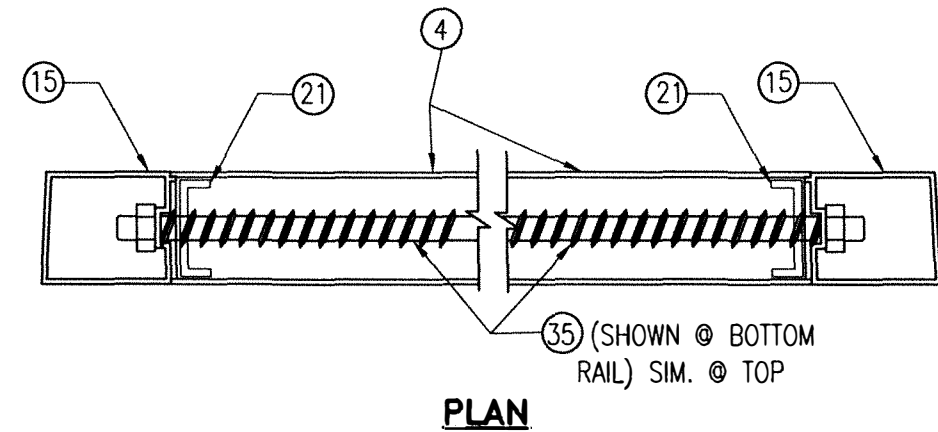


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REV. No. 1	DESCRIPTION	DATE	REV. No. 2	DESCRIPTION	DATE
1			2		
2			3		
			SHEET 11 OF 12		



**FRAME CORNER DETAIL
(ISOMETRIC).**
SCALE: N.T.S



**DETAIL 1: TOP/BOTTOM RAIL (4)
CONNECTION TO STILES (15)**
SCALE: N.T.S

WALTER A. TILLIT JR.
LICENSE
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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			2		
2			3		
					24-012 DRAWING No
					SHEET 12 OF 12