

GENERAL NOTES:

1. SERIES VPF 8000 ALUMINUM FIXED WINDOW-LARGE MISSILE IMPACT RESISTANT, 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. SERIES VPF 8000 ALUMINUM FIXED WINDOW MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES OR OUT OF IT.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

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 BELOW.

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 IN WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2018.

THIS PRODUCT'S ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 & 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER FENESTRATION TESTING LABORATORY REPORT # 9073 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 & 1604 OF THE FLORIDA BUILDING CODE. GLASS HAS BEEN VERIFIED PER ASTM E-1300, PER SECTION 2404.1 OF THE FLORIDA BUILDING CODE.

2. MAXIMUM A.S.D. DESIGN PRESSURE RATINGS FOR THIS WINDOW SHALL BE AS SHOWN ON SHEET 25.

3. SERIES VPF 8000 ALUMINUM FIXED WINDOW WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

4. SERIES VPF 8000 ALUMINUM FIXED WINDOW ARE APPROVED FOR AIR AND WATER INFILTRATION.

5. SERIES VPF 8000 ALUMINUM FIXED WINDOW SHALL COMPLY WITH SECTION 2406 OF THE FLORIDA BUILDING CODE.

6. ALL COMPONENTS FOR THIS PRODUCT SHALL BE AS PER BILL OF MATERIAL & COMPONENTS SHEETS 2 & 3.

7. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 401 AISI SERIES & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.

8. WOOD BUCKS BY OTHERS, MUST BE SOUTHERN PINE #2, G=0.55, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 & 2326 OF THE FLORIDA BUILDING CODE.

(8.1) 2X WOOD BUCKS MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. ANCHORAGE IS INDEPENDENT OF WINDOW FRAME ANCHORAGE. WINDOW FRAME MUST BE SEPARATELY ANCHORED TO 2X WOOD BUCK FOLLOWING DETAILS ON THIS DRAWING.

(8.2) 1X WOOD BUCK (OR ANY WOOD BUCK LESS THAN 2X) MUST BE PROPERLY ANCHORED TO EXISTING STRUCTURE TO TRANSFER LOADS TO IT. WINDOW FRAME ANCHOR SHALL BE USED TO ATTACH 1X WOOD BUCK TO EXISTING STRUCTURE BY DRIVING ANCHOR THRU BOTH WINDOW FRAME & 1X WOOD BUCK INTO EXISTING STRUCTURE W/ PROPER EMBEDMENT AND EDGE DISTANCE AS SHOWN ON THIS DRAWING.

(8.3) WINDOW FRAME WITH ADAPTOR (COMPONENT # 6) MAY BE DIRECTLY CONNECTED TO EXISTING STRUCTURE WITH NO NEED OF WOOD BUCKS WHEN MASONRY OPENING IS NOT LARGER THAN ACTUAL WINDOW OVERALL DIMENSIONS. HOWEVER, SHIMS (SEE NOTE 10) MAY BE ALLOWED AT WINDOW FRAME ANCHOR LOCATION IF NEEDED.

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

(A) TO EXISTING POURED CONCRETE: (MIN. f'c = 3000 psi)
- 1/4"Ø TAPCON ANCHOR W/ 1 3/4" MIN. EMBEDMENT, 2 1/2" MIN. EDGE DISTANCE & 4" MIN. SPACING, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 12). SEE NOTE 8.

- 1/4"Ø KWIK-CON II W/ 1 3/4" MIN. EMBEDMENT, 1 1/2" MIN. EDGE DISTANCE & 3" MIN. SPACING, AS MANUFACTURED BY HILTI, INC. (COMPONENT 12A). SEE NOTE 8.

(B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL.
- 1/4"Ø TAPCON ANCHOR W/ 1" MIN. EMBEDMENT, 2 1/2" MIN. EDGE DISTANCE & 4" MIN. SPACING. AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 12). SEE NOTE 8.

- 1/4"Ø KWIK-CON II W/ 1" MIN. EMBEDMENT, 1 1/2" MIN. EDGE DISTANCE & 3" MIN. SPACING, AS MANUFACTURED BY HILTI, INC. (COMPONENT 12A). SEE NOTE 8.

(C) TO EXISTING 2xP.T. WOOD BUCK. OR WOOD STRUCTURE MIN. EDGE DISTANCE (E.D.)=1" & 3" MIN. SPACING.
- 1/4"Ø-14 TAPCON ANCHORS W/ 1 1/2" MIN. PENETRATION, 1" MIN. EDGE DISTANCE & 3" MIN. SPACING. AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 12). SEE NOTE 8.

- 1/4"Ø KWIK-CON II W/ 1 1/2" MIN. EMBEDMENT, 1" MIN. EDGE DISTANCE & 3" MIN. SPACING, AS MANUFACTURED BY HILTI, INC. (COMPONENT 12A). SEE NOTE 8.

(D) TO EXISTING MIN. 1/8" THICK ALUMINUM TUBE (6063-T5 ALLOY) MIN. EDGE DISTANCE (E.D.) = 1/2" & 2" MIN. SPACING.
- 1/4"Ø-14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 13). THREADS SHALL GO THRU THE TUBE THICKNESS.

(E) TO EXISTING MIN. 1/8" THICK STEEL MEMBER (ASTM A-500, A-653 OR A-36) MIN. EDGE DISTANCE (E.D.) = 1/2" & 2" MIN. SPACING.
- 1/4"Ø-14 TEK SCREW, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 13). THREADS SHALL GO THRU THE FULL TUBE THICKNESS.

10. PROVIDE 1/4" MAX. LOAD BEARING SHIM SPACE (TYP.).

11. ALL ALUMINUM EXTRUSIONS IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUL

12. (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.

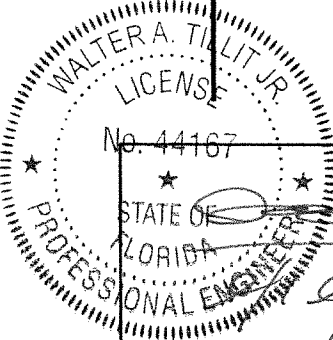
(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

13. SERIES VPF 8000 ALUMINUM FIXED WINDOW 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 UNIT.

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



P.E. SEAL/SIGNATURE/DATE

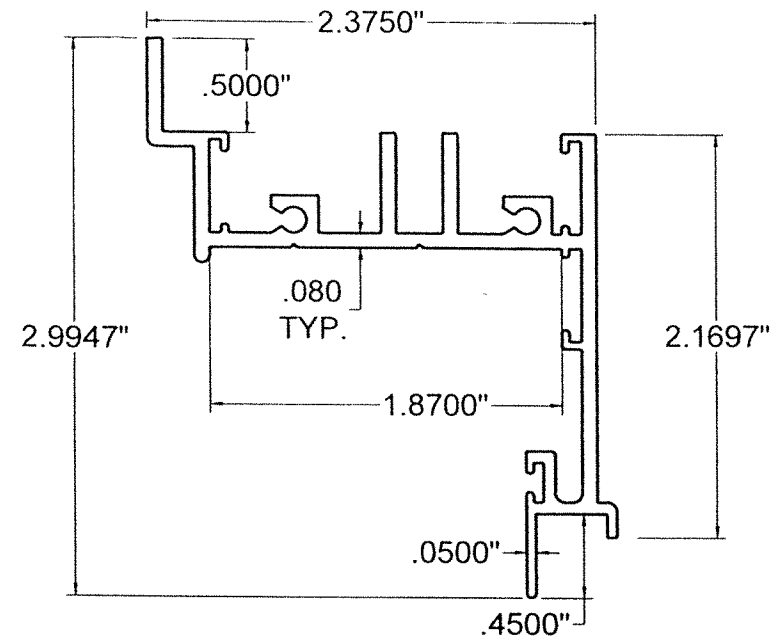
FLORIDA BUILDING CODE (HIGH & NON HIGH VELOCITY HURRICANE ZONE)

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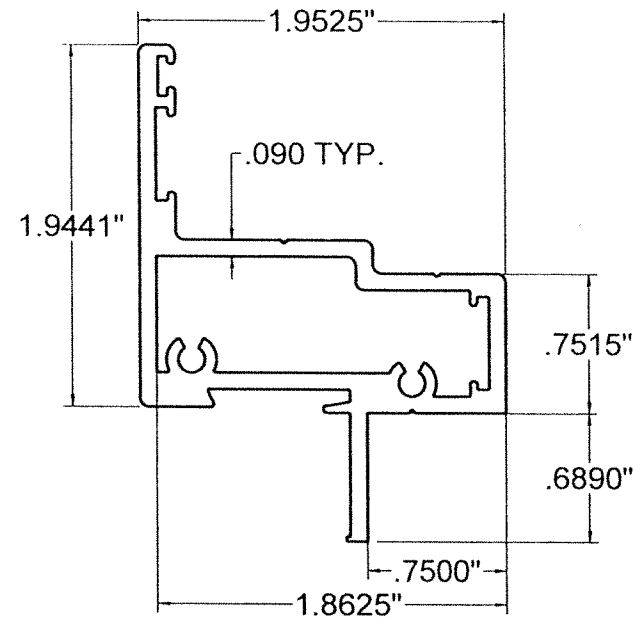
TILTECO INC.

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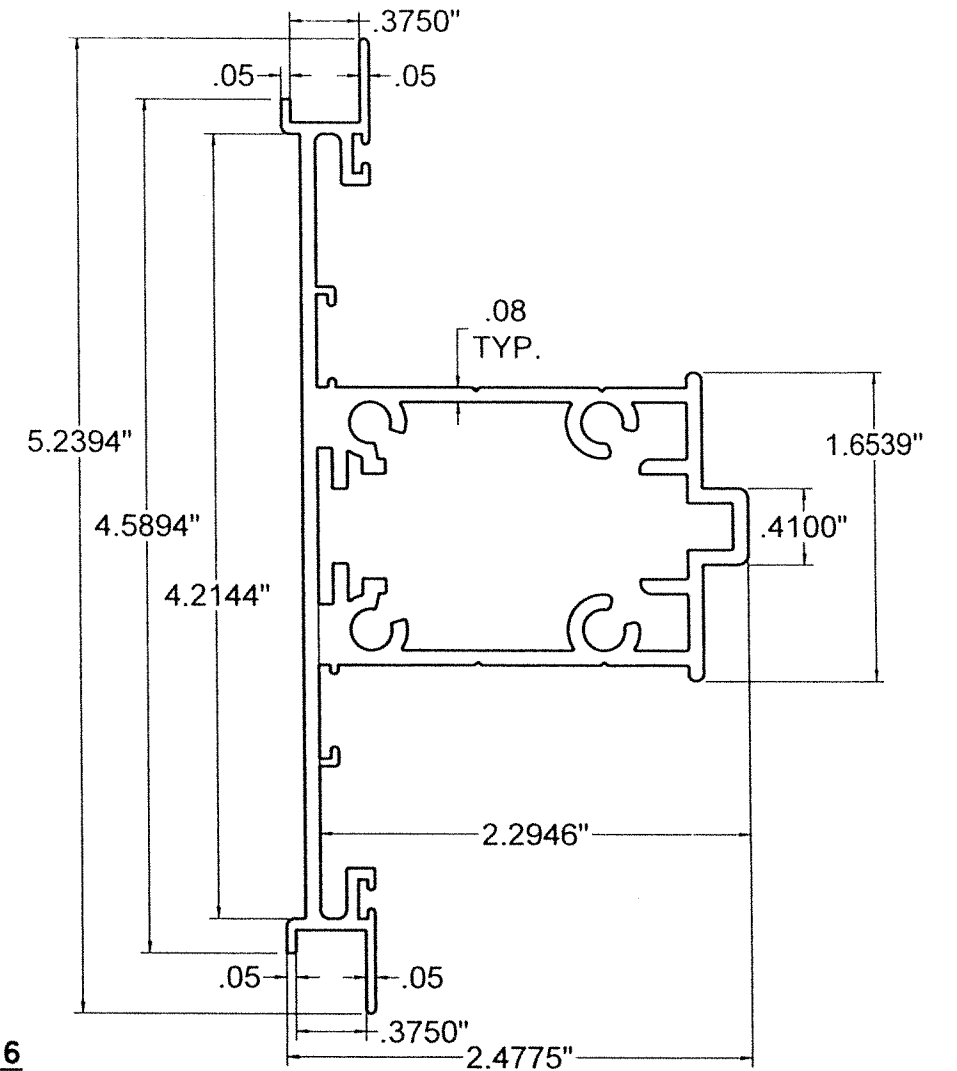
SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H DRAWN BY:
 290 WEST 78 ROAD HIALEAH, FL. 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com						09/12/2023 DATE:
23-210						DRAWING No.
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 1 OF 31
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2	-	-	4	-	-	



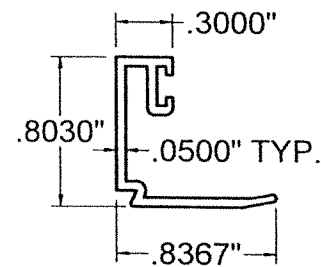
① FRAME



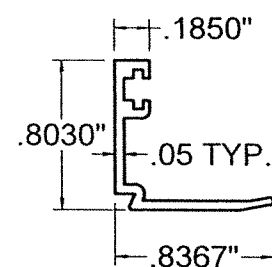
② VENT FRAME



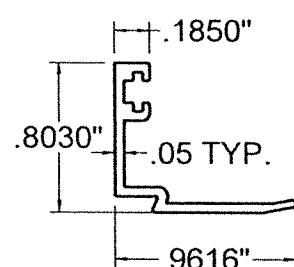
③ CENTER POST



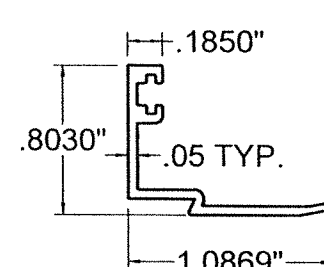
④A GLAZING BEAD 5/16



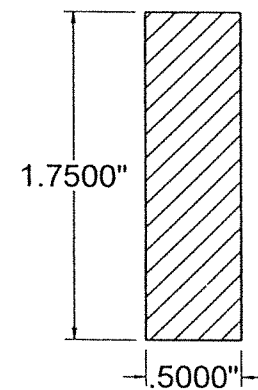
④B GLAZING BEAD 7/16



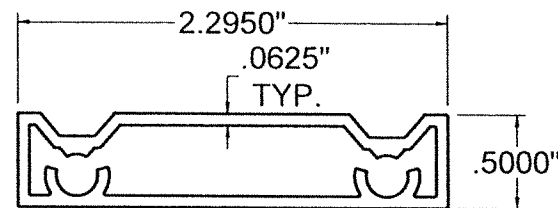
④C GLAZING BEAD 9/16



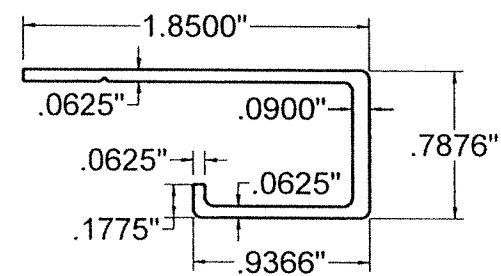
④D GLAZING BEAD 11/16



⑤ ALUM. INSERT BAR



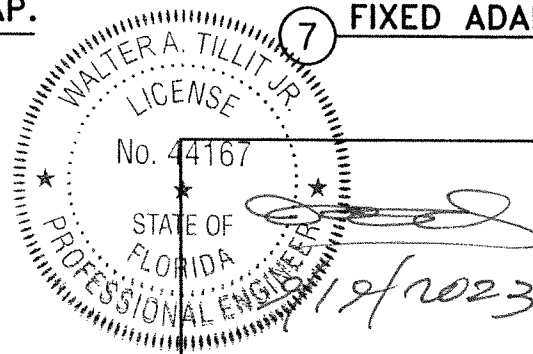
⑥ EQUAL FRAME ADAP.



⑦ FIXED ADAPTOR

COMPONENTS

SCALE 1"=1"



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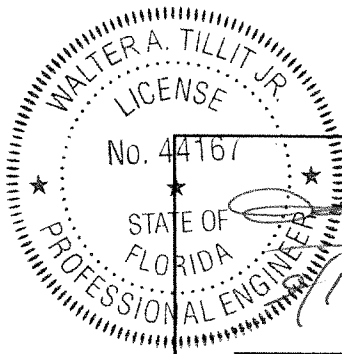
TILTECO INC.

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BILL OF MATERIALS: FIXED WINDOW (SEE SHEETS 6 & 7)

COMPONENT #	DESCRIPTION	DIMENSIONS/REMARKS	MATERIAL
1	FRAME	SHEET 2	6063-T6 ALUMINUM
2	VENT FRAME	SHEET 2	6063-T6 ALUMINUM
3	CENTER POST	SHEET 2	6063-T6 ALUMINUM
4A	GLAZING BEAD 5/16"	SHEET 2	6063-T6 ALUMINUM
4B	GLAZING BEAD 7/16"	SHEET 2	6063-T6 ALUMINUM
4C	GLAZING BEAD 9/16"	SHEET 2	6063-T6 ALUMINUM
4D	GLAZING BEAD 11/16"	SHEET 2	6063-T6 ALUMINUM
5	ALUMINUM INSERT BAR	SHEET 2	6063-T6 ALUMINUM
6	EQUAL FRAME ADAPTOR	SHEET 2	6063-T6 ALUMINUM
7	FIXED ADAPTOR	SHEET 2	6063-T6 ALUMINUM
8	FRAME & VENT ASSEMBLY SCREWS	#8-32 x 3/4" P.H. M.S.	ST. STEEL
9	CENTER POST ASSEMBLY SCREWS	#14 x 2-3/4" H.H. TEK SCREWS	STEEL
10	FIXED ASSEMBLY SCREWS TO FRAME	#14 x3/4" in H.H. TEK SCREWS, FIRST @ 6 1/2" BALANCE @ 10" O.C.	ST. STEEL
11	FIXED ASSEMBLY SCREWS TO VENT	#14 x 1-1/2" F.H. TEK SCREWS, FIRST @ 7 1/2" BALANCE @12" O.C.	ST. STEEL
12	1/4"Ø TAPCON (ITW /BUILDEX)	1/4" Ø (SEE NOTE 9/1)	STEEL
12A	1/4"Ø-14 KWIK-CON II (HILTI)	1/4" Ø (SEE NOTE 9/1)	STEEL
13	1/4"Ø-14 TEK SCREW (ITW /BUILDEX)	1/4" Ø (SEE NOTE 9/1)	STEEL
14	CORNER LOCK, 0.050" THK. x 1.7430" x 1.7430" x 0.473"	SULLIVAN ASSOCIATES	ST. STEEL
15	GLAZING BULB	0.250"x0.345" (ULTRAFAB)	VINYL
16	STRUCTURAL SILICONE DOW CORNING 995	ALL AROUND GLASS	SILICONE
17	BUMPER SPHEAR	-	SILICONE
18	NON STRUCTURAL SILICONE DOW CORNING CONTRACTORS, CONCRETE SEALANT (CCS)	AS SHOWN	SILICONE
19	SETTING BLOCK	ULTRAFAB	EPDM

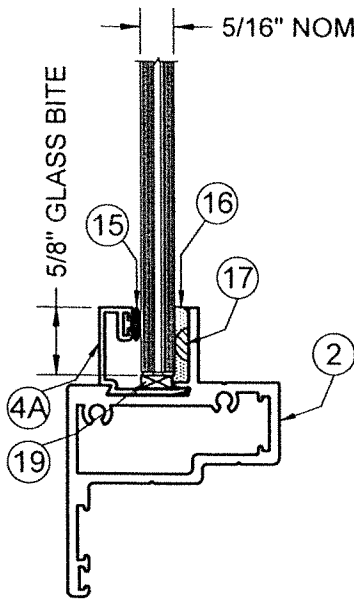


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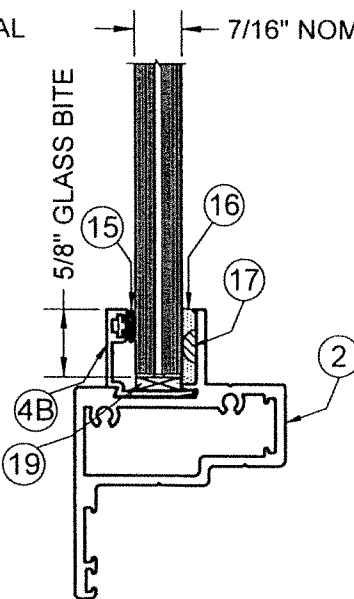
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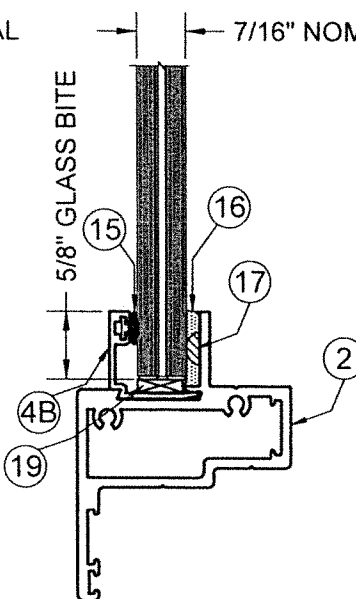
GLASS SCHEDULE		
COMPONENT #	DESCRIPTION	MATERIAL
(A)	5/16" NOMINAL LAMINATED GLASS W/ 1/8" H.S. GLASS +0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/8" H.S. GLASS.	GLASS
(B)	7/16" NOMINAL LAMINATED GLASS W/ 3/16" H.S. GLASS +0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
(B1)	7/16" NOMINAL LAMINATED GLASS W/ 3/16" H.S. GLASS +0.090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
(C)	9/16" NOMINAL LAMINATED GLASS W/ 1/4" H.S. GLASS +0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
(C1)	9/16" NOMINAL LAMINATED GLASS W/ 1/4" H.S. GLASS +0.090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC. + 1/4" H.S. GLASS.	GLASS
(D)	11/16" NOMINAL INSULATED-LAMINATED GLASS W/ 1/8" TEMPERED GLASS OUT BOARD -1/4 ARGON SPACER + 1/8 H.S. GLASS +0.090" TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. + 1/8" H.S. GLASS.	GLASS



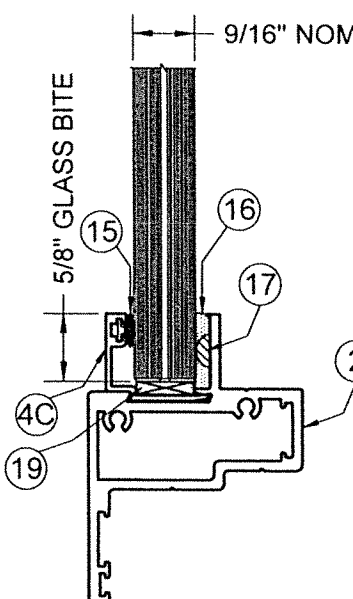
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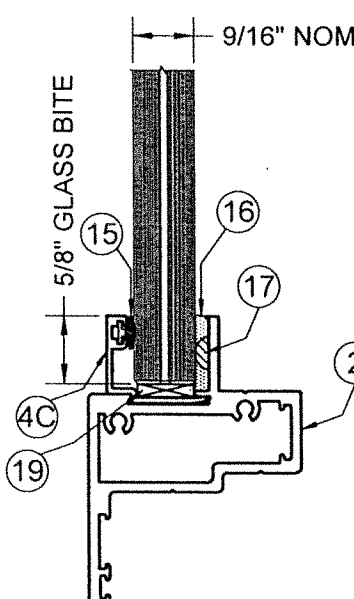
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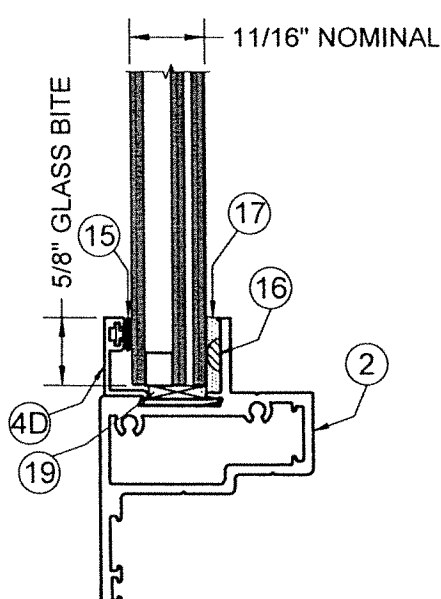
GLASS TYPE (B1)



GLASS TYPE (C)

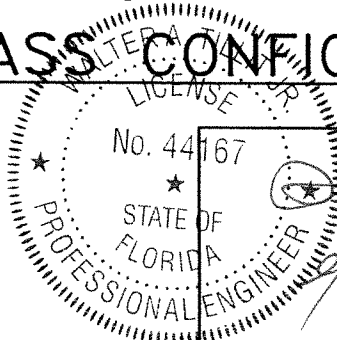


GLASS TYPE (C1)



GLASS TYPE (D)

GLASS CONFIGURATION



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FIXED WINDOW-LMI

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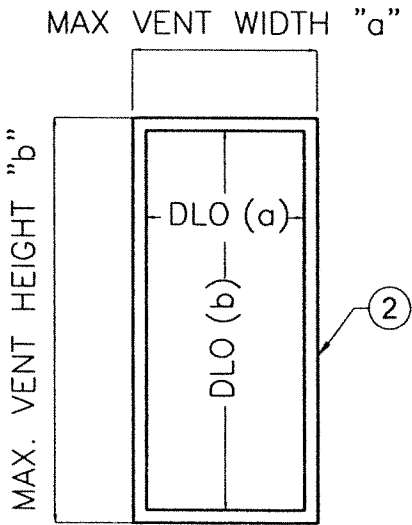
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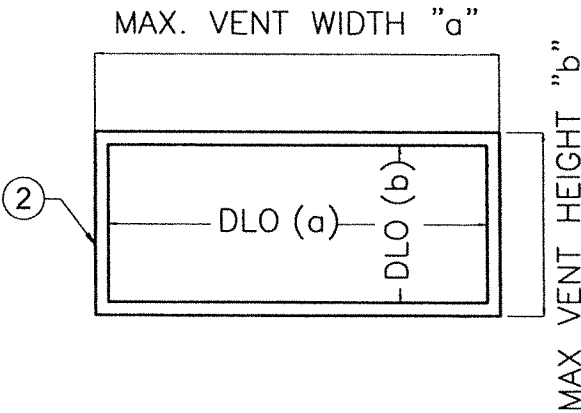
SHEET 4 OF 31

MAX. A.S.D. PRESSURE RATING FOR A GIVEN GLASS TYPE AND CORRESPONDING MAX. VENT WIDTHS AND VENT HEIGHTS AT VERTICAL ORIENTATION					
GLASS TYPE	MAX. A.S.D. DESIGN PRESSURE RATING	MAX. VENT WIDTH "a"	MAX. VENT HEIGHT "b"	MAX. D.L.O. WIDTH (a)	MAX. D.L.O. HEIGHT (b)
(A), (B), (C), (D)	+72.0 , -72.0 psf	41"	72 9/16"	35 5/8"	67 3/16"
(B1), (C1)	+105.0 , -105.0 psf.	41"	53 1/2"	35 5/8"	48 1/16"
(B1), (C1)	+110.0 , -110.0 psf.	39"	56 1/2"	33 5/8"	51 1/16"
(B1), (C1)	+120.0 , -120.0 psf.	36"	61 1/2"	30 5/8"	56 1/16"

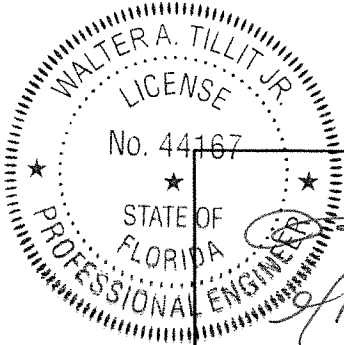
MAX. A.S.D. PRESSURE RATING FOR A GIVEN GLASS TYPE AND CORRESPONDING MAX. VENT WIDTHS AND VENT HEIGHTS AT HORIZONTAL ORIENTATION					
GLASS TYPE	MAX. A.S.D. DESIGN PRESSURE RATING	MAX. VENT WIDTH "a"	MAX. VENT HEIGHT "b"	MAX. D.L.O. WIDTH (a)	MAX. D.L.O. HEIGHT (b)
(A), (B), (C), (D)	+72.0 , -72.0 psf	72 9/16"	41"	67 3/16"	35 5/8"
(B1), (C1)	+105.0 , -105.0 psf.	61 1/2"	36"	56 1/16"	30 5/8"
(B1), (C1)	+110.0 , -110.0 psf.	56 1/2"	39"	51 1/16"	33 5/8"
(B1), (C1)	+120.0 , -120.0 psf.	61 1/2"	36"	56 1/16"	30 5/8"



VENT ELEVATION
(VERTICAL ORIENTATION)



VENT ELEVATION
(HORIZONTAL ORIENTATION)



P.E. SEAL/SIGNATURE/DATE

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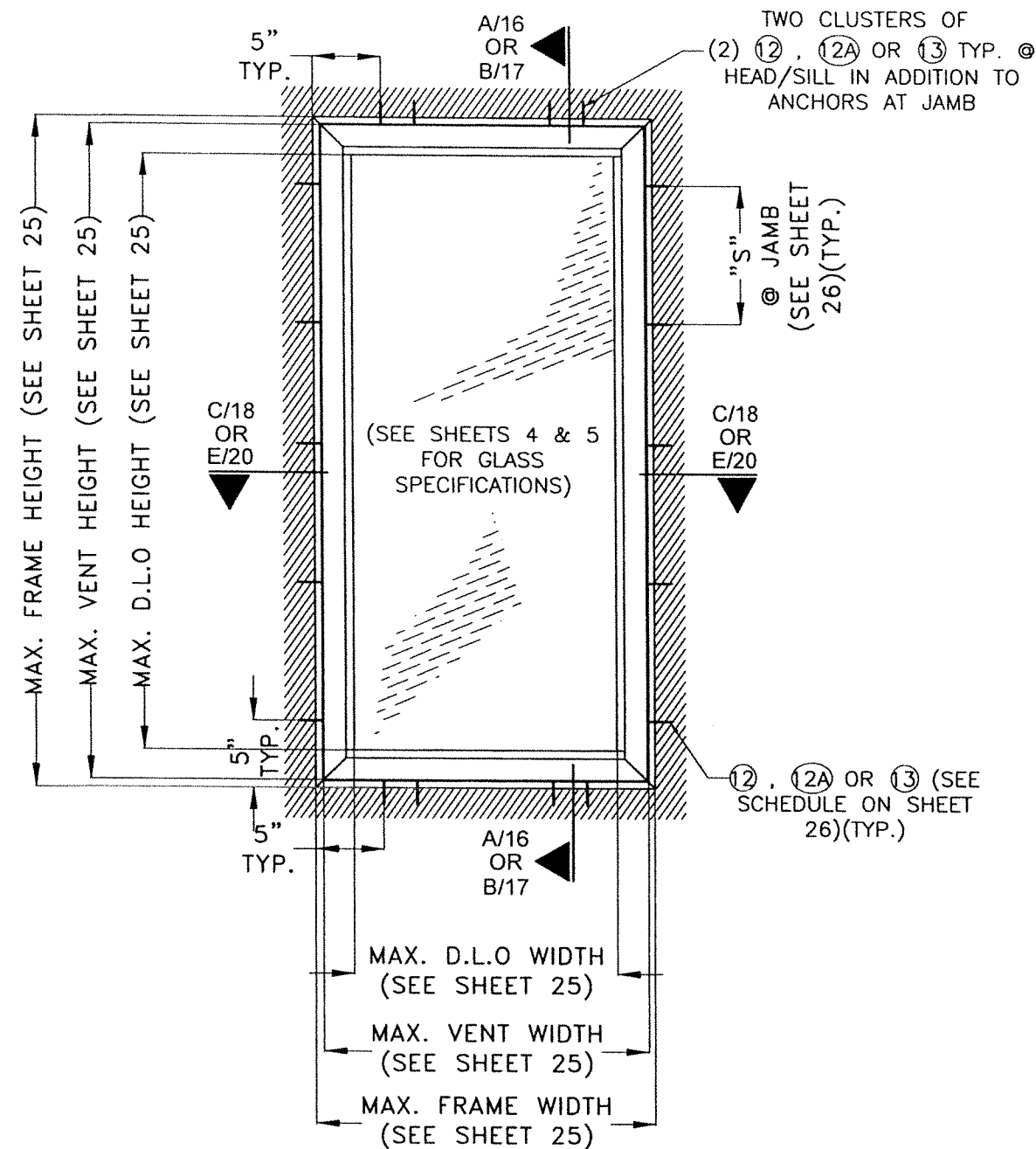
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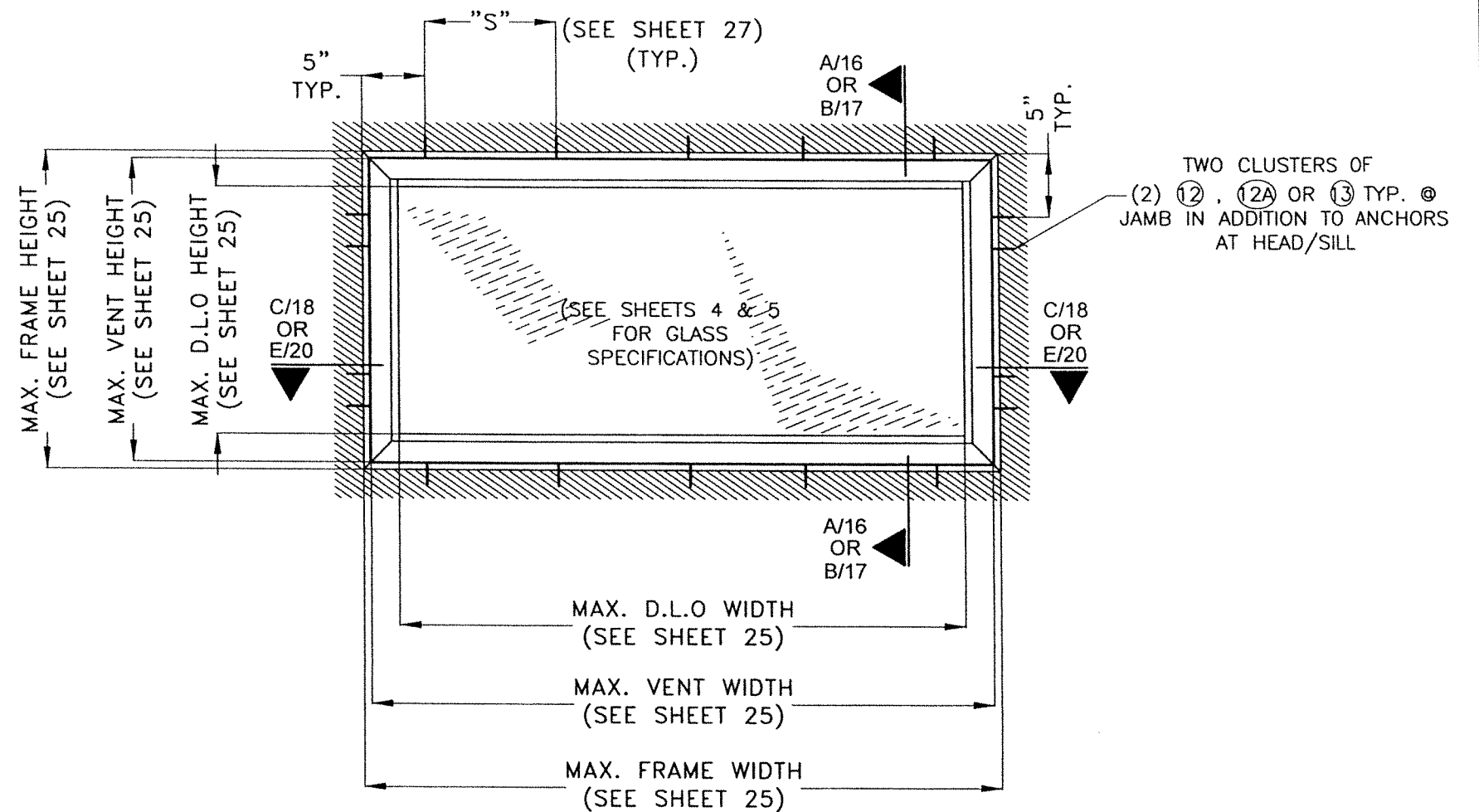
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SHEET 5 OF 31

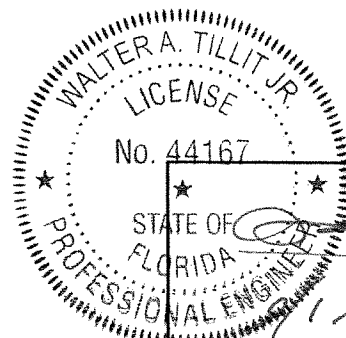


**TYPICAL EXTERIOR ELEVATION
(VERTICAL ORIENTATION)
FIXED WINDOW W/ ATTACHED JAMBS***
SCALE: 3/4"=1'-0"

* NOTE: JAMBS MAY ALSO BE ATTACHED ONLY ON ONE SIDE & FREE STANDING ON THE OTHER SIDE (W/ ADAPTOR # ⑥) AS PER DETAILS ON SHEETS 6, 7.



**TYPICAL EXTERIOR ELEVATION
(HORIZONTAL ORIENTATION)
FIXED WINDOW W/ ATTACHED HEAD/SILL***
SCALE: 3/4"=1'-0"



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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

**SERIES VPF 8000 ALUMINUM
FIXED WINDOW-LMI**



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FAX: (305)558-6665
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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

W.H
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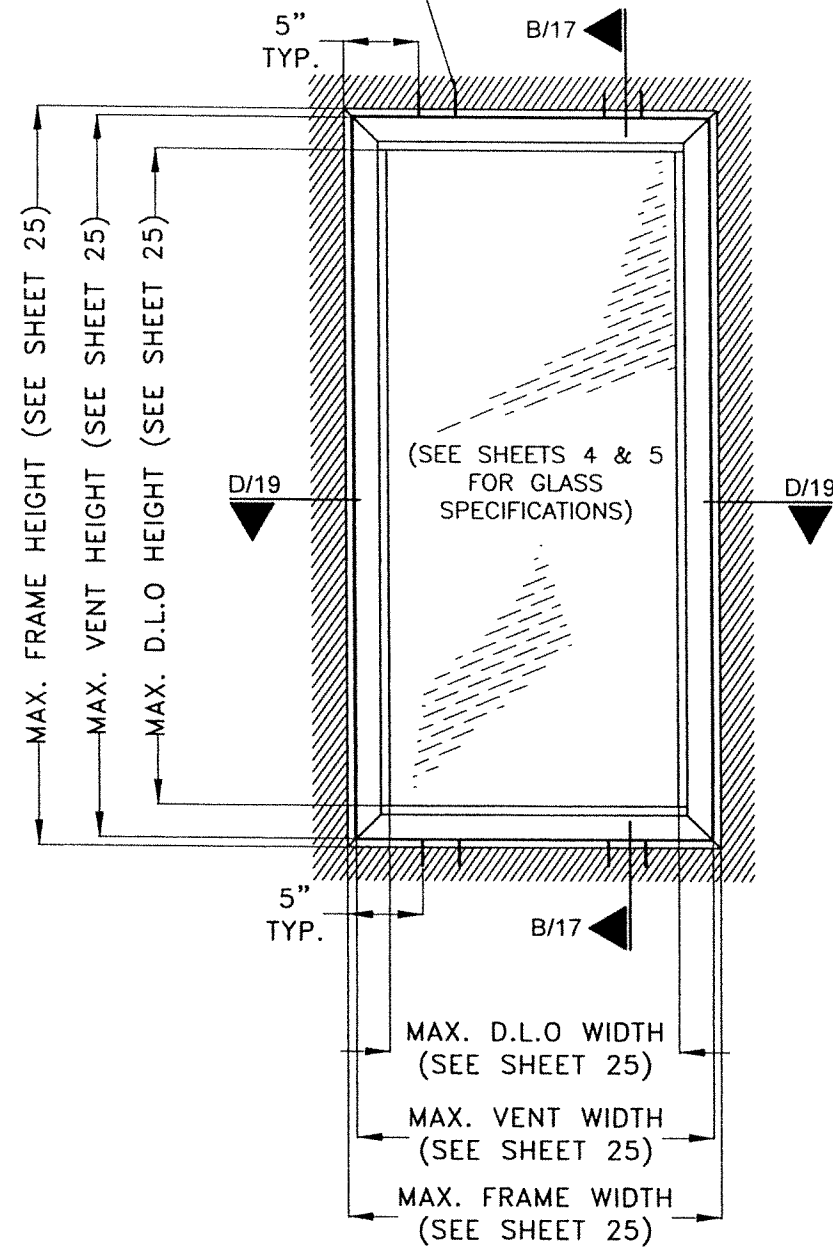
09/12/2023
DATE:

23-210

DRAWING No.

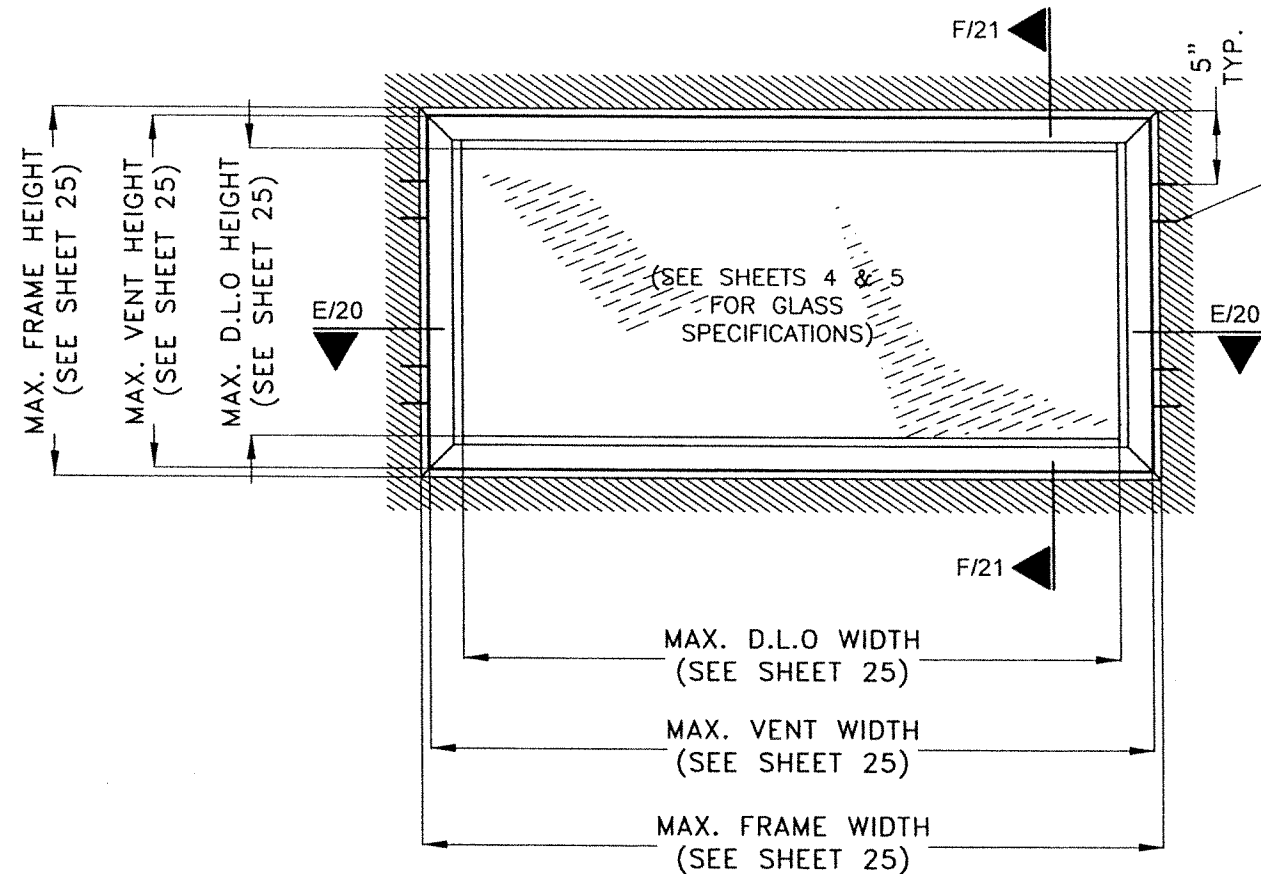
SHEET 6 OF 31

TWO CLUSTERS OF "n" ANCHORS (12), (12A) OR (13) TYP. @ HEAD/SILL, SEE SCHEDULE ON SHEET 28



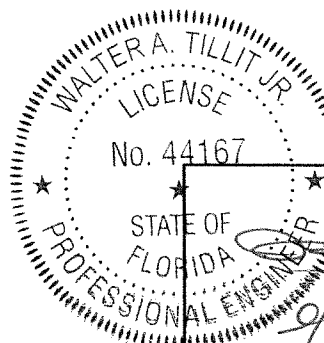
**TYPICAL EXTERIOR ELEVATION
(VERTICAL ORIENTATION)
FIXED WINDOW W/ NOT ATTACHED JAMBS***
SCALE: 3/4"=1'-0"

* NOTE: JAMBS MAY ALSO BE ATTACHED ONLY ON ONE SIDE & FREE STANDING ON THE OTHER SIDE (W/ ADAPTOR # 6) AS PER DETAILS ON SHEETS 6, 7.



TWO CLUSTERS OF "n" ANCHORS EA. CLUSTER, (12), (12A) OR (13) TYP. @ JAMBS, SEE SCHEDULE ON SHEET 29

**TYPICAL EXTERIOR ELEVATION
(HORIZONTAL ORIENTATION)
FIXED WINDOW W/ NOT ATTACHED HEAD/SILL***
SCALE: 3/4"=1'-0"



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WINDOWS & DOORS

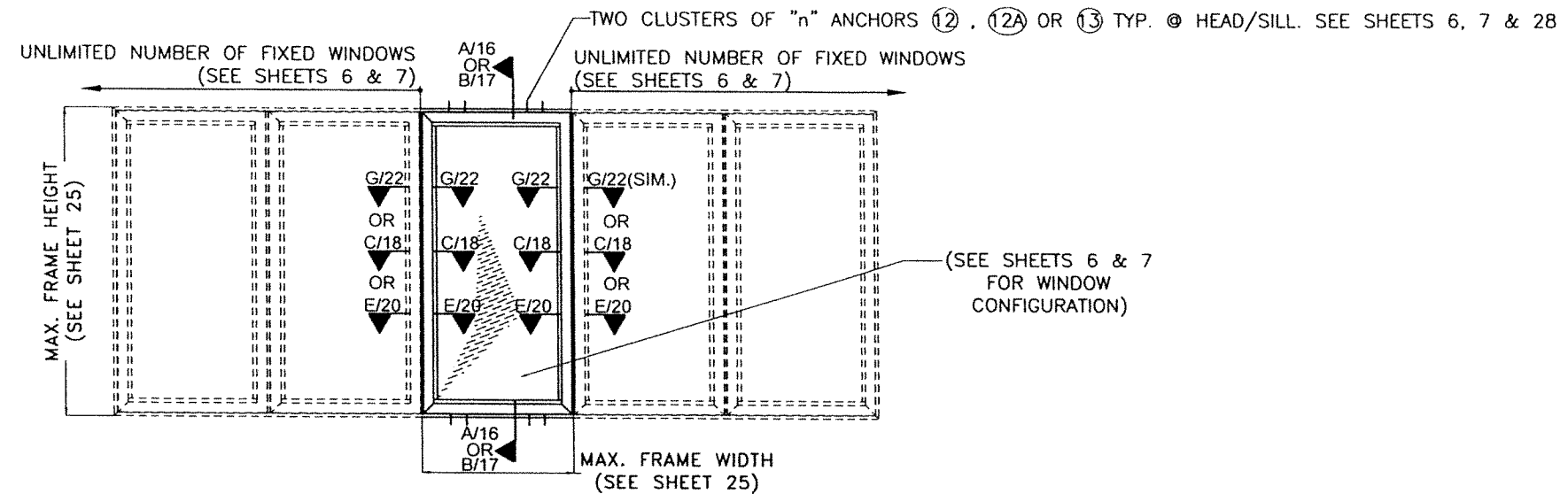
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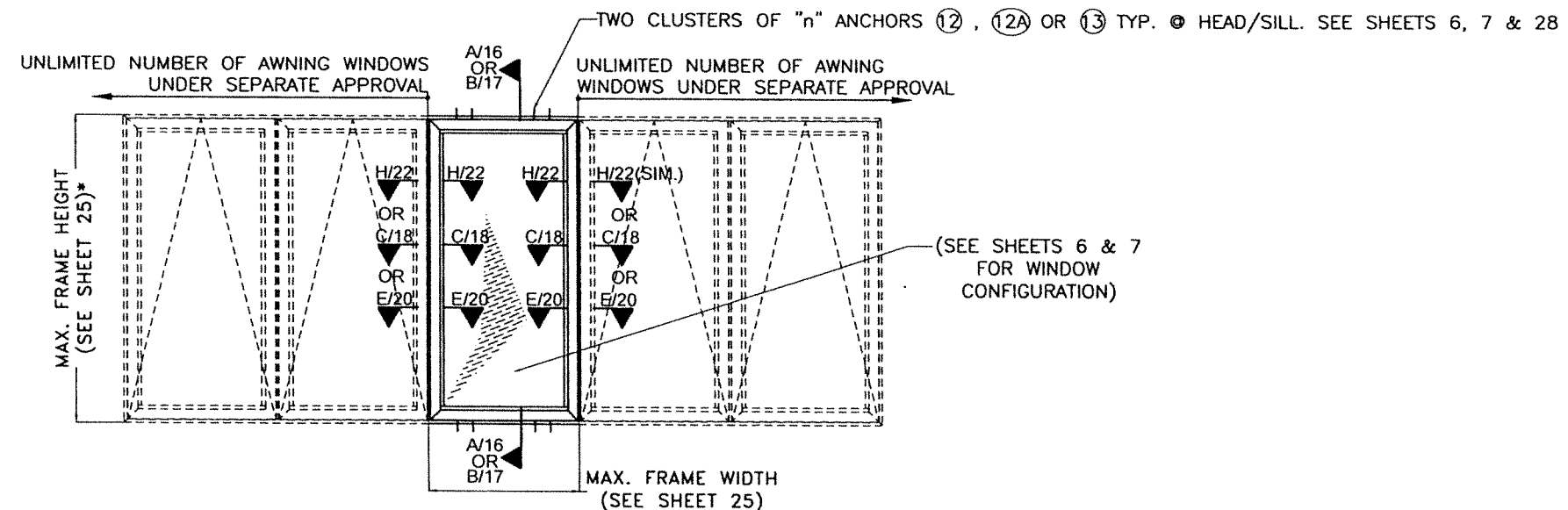
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DATE:

23-210
DRAWING No.

SHEET 7 OF 31

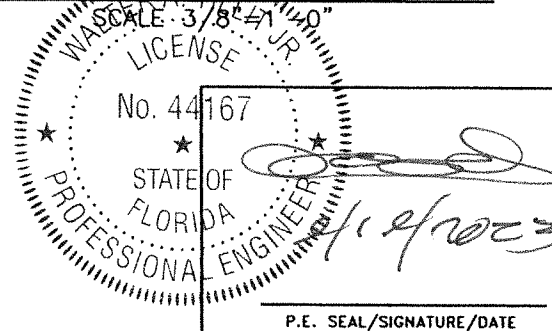


**QUALIFIED CONFIGURATIONS FOR VERTICALLY
ORIENTED FIXED WINDOW W/ ACCOMPANYING
VERTICALLY ORIENTED FIXED WINDOWS
TYPICAL EXTERIOR ELEVATIONS**
SCALE 3/8"=1'-0"



**QUALIFIED CONFIGURATIONS FOR VERTICALLY ORIENTED
FIXED WINDOW W/ ACCOMPANYING VERTICALLY ORIENTED
AWNING WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATION**
SCALE 3/8"=1'-0"

* MAX. FRAME HEIGHT & FRAME WIDTH OF ACCOMPANYING AWNING WINDOW SHALL BE AS PER SEPARATE APPROVAL AND THE SHORTEST FRAME HEIGHT OF EITHER WINDOW TYPE SHALL BE USED.

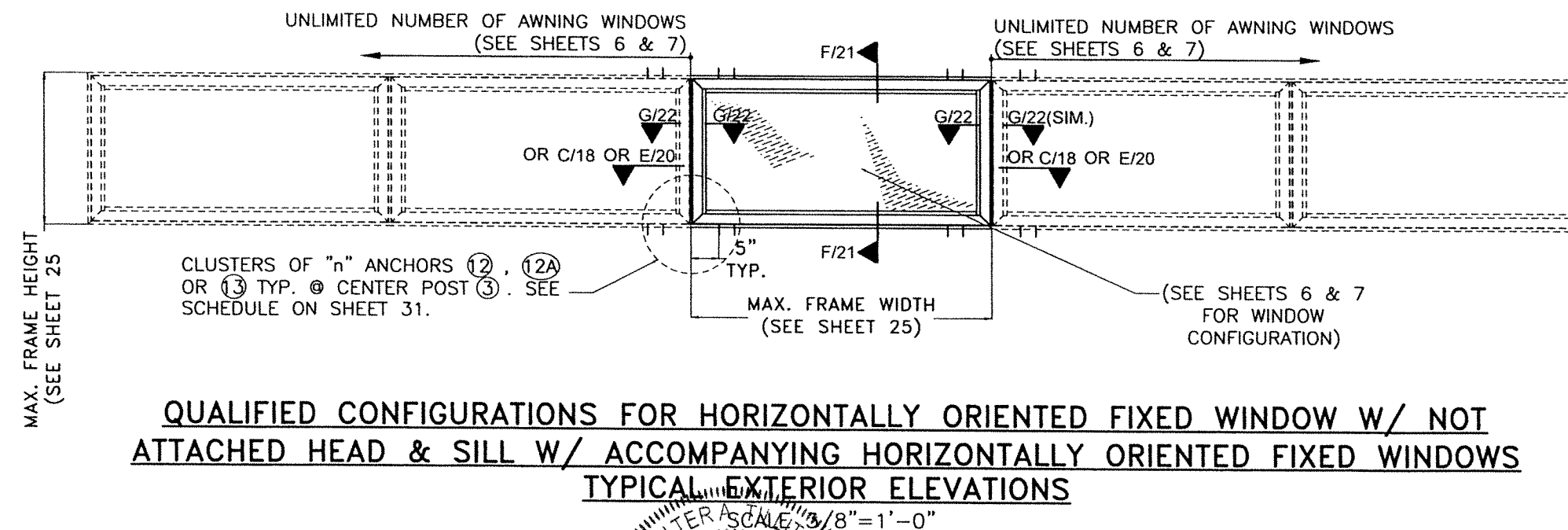
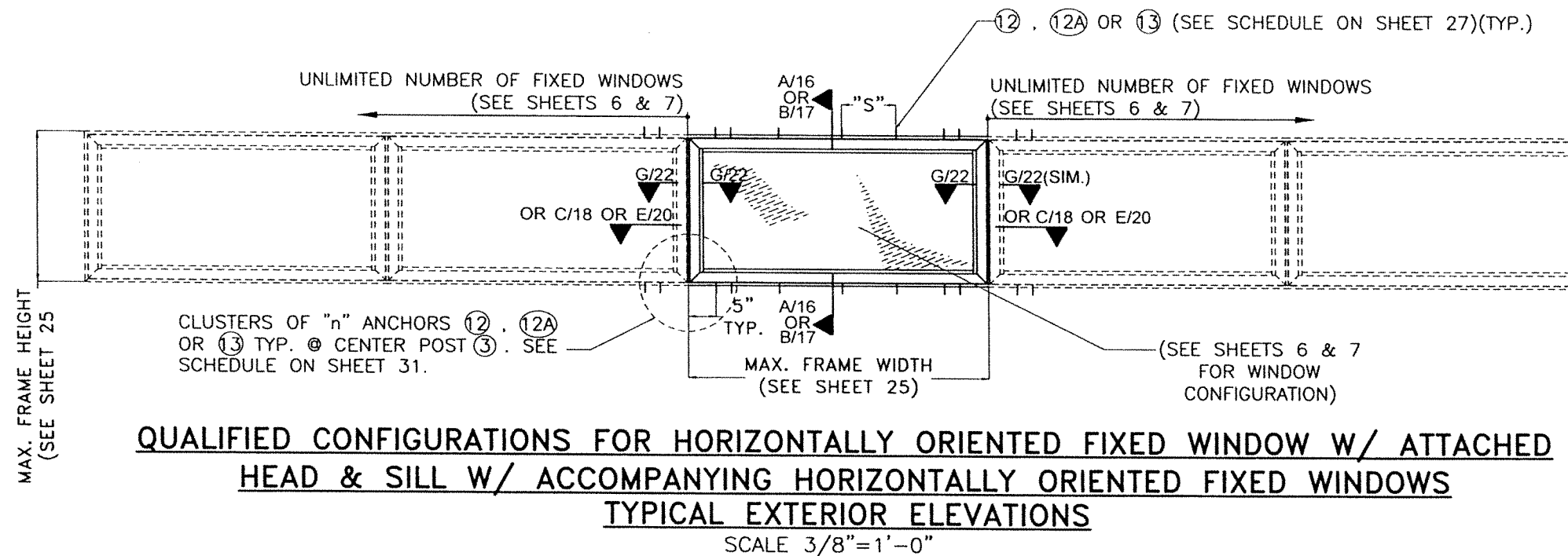


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						23-210 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
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2	-	-	4	-	-	

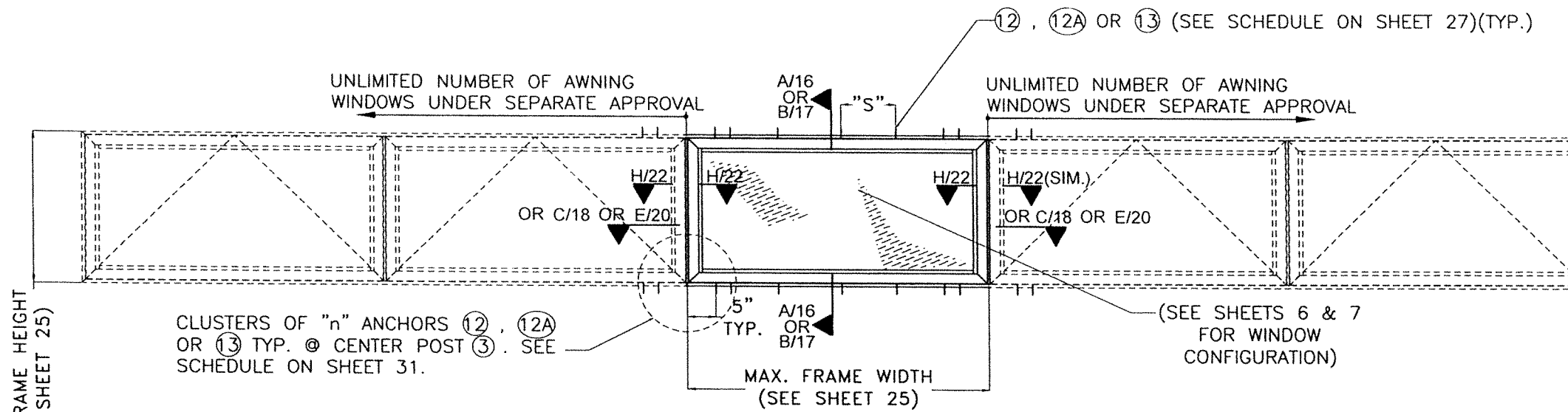
SHEET 8 OF 31



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LICENSED PROFESSIONAL ENGINEER
No. 44167
STATE OF FLORIDA
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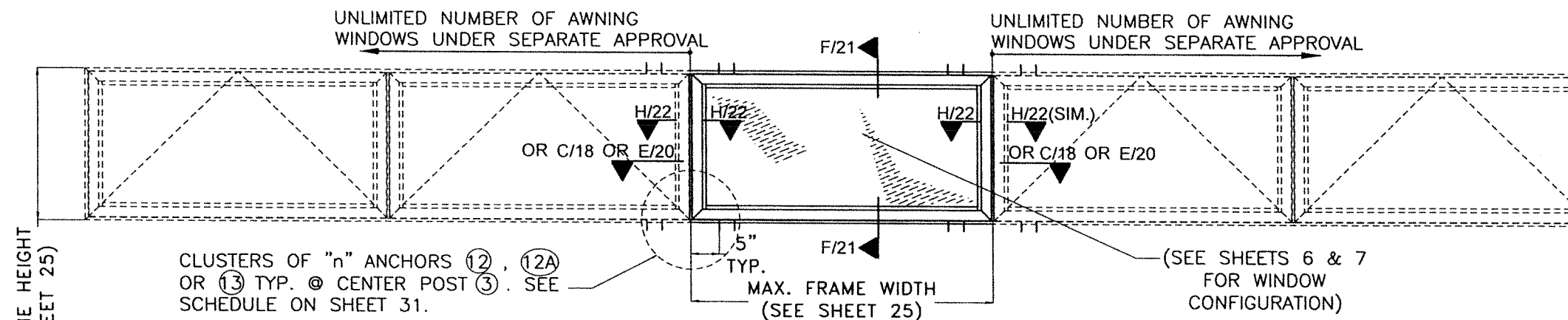
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TILTECO INC.		WINDOWS & DOORS		23-210 DRAWING No.	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-



**QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW
W/ ATTACHED HEAD & SILL W/ ACCOMPANYING HORIZONTALLY ORIENTED
AWNING WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS**

SCALE 3/8"=1'-0"



**QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/
NOT ATTACHED HEAD & SILL W/ ACCOMPANYING HORIZONTALLY ORIENTED
AWNING WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS**

SCALE 3/8"=1'-0"

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LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/9/2023

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REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
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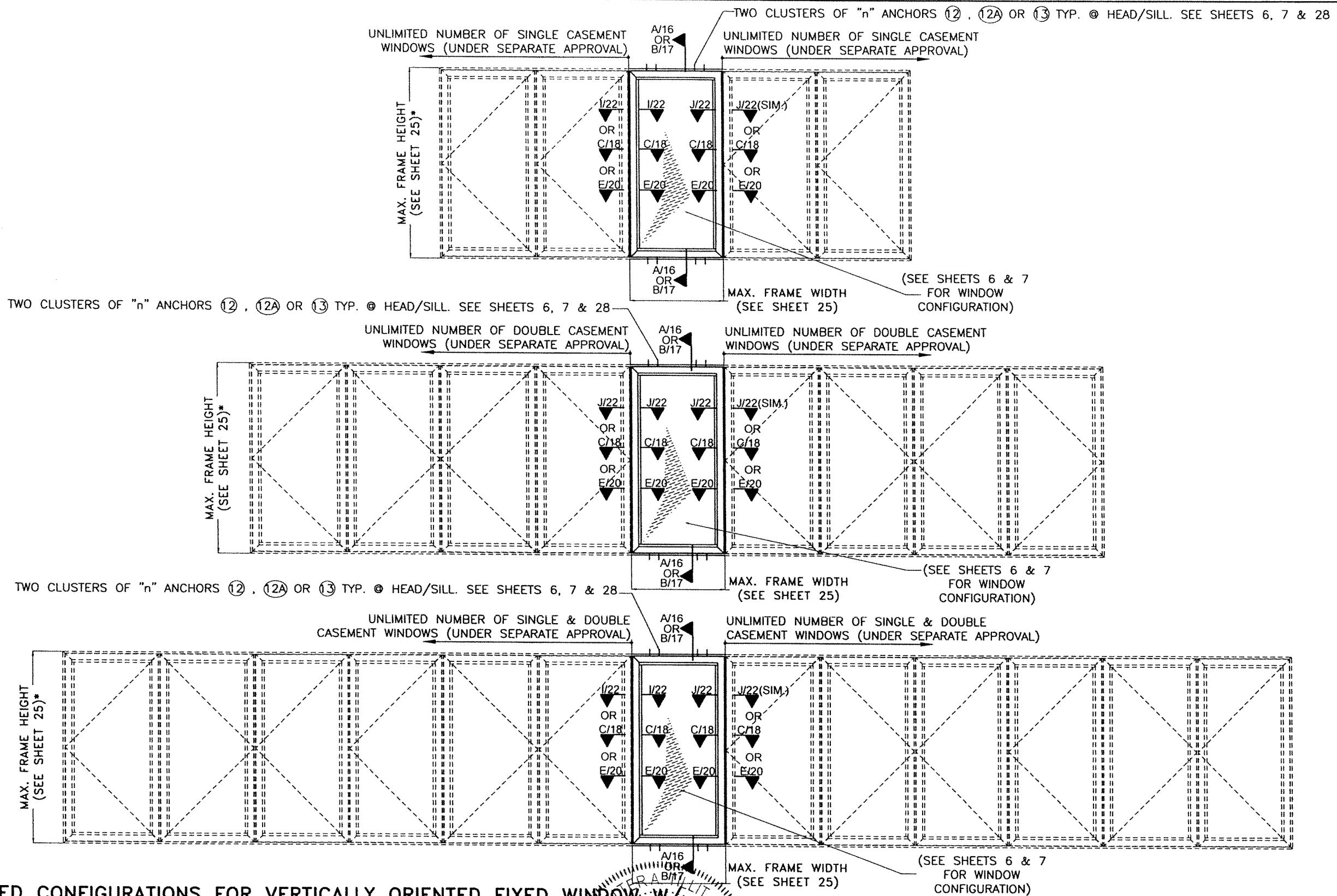
W.H
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09/12/2023
DATE:

23-210

DRAWING No.

SHEET 10 OF 31



QUALIFIED CONFIGURATIONS FOR VERTICALLY ORIENTED FIXED WINDOW W/ ACCOMPANYING SINGLE, DOUBLE OR COMBINATION OF SINGLE AND DOUBLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)

TYPICAL EXTERIOR ELEVATIONS

SCALE 3/8"=1'-0"

* MAX. FRAME HEIGHT & FRAME WIDTH OF ACCOMPANYING CASEMENT WINDOWS SHALL BE AS PER SEPARATE APPROVAL AND THE SHORTEST FRAME HEIGHT OF EITHER WINDOW TYPE SHALL BE USED.

NO. 44167

STATE OF FLORIDA

PROFESSIONAL ENGINEER

WALTER A. TILLIT JR., P.E.

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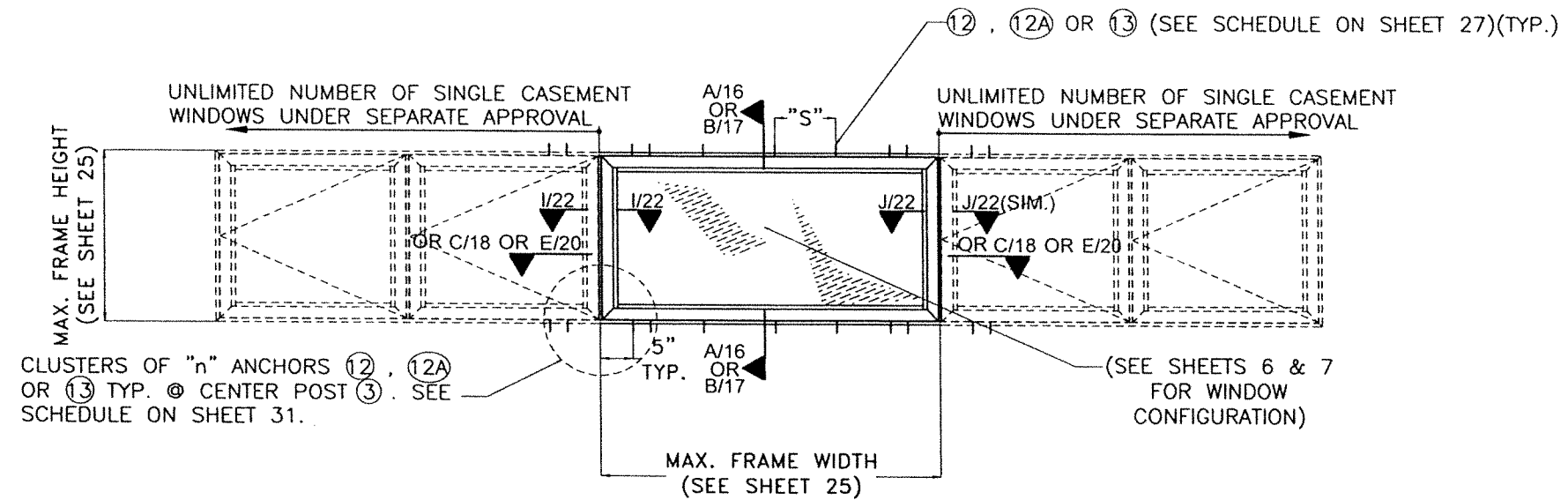
CA-0006719

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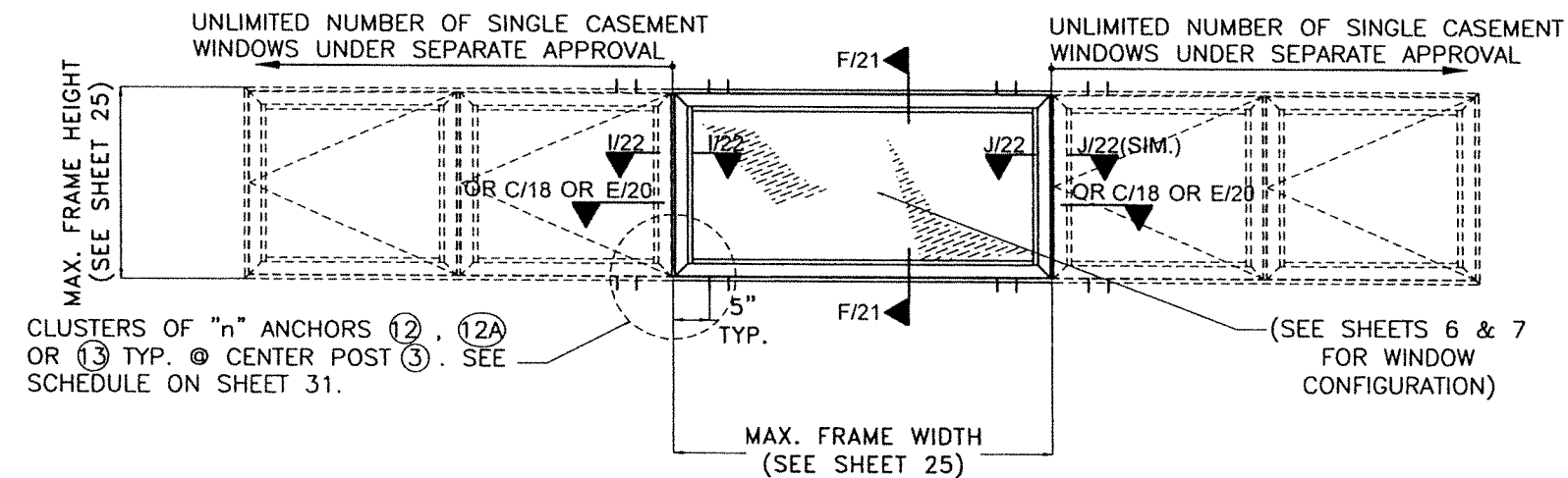
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SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H
290 WEST 78 ROAD HALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com						DRAWN BY:
						09/12/2023
						DATE:
						23-210
						DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
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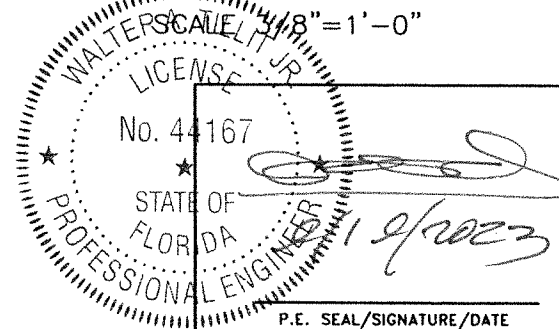
**QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/ ATTACHED HEAD
& SILL W/ ACCOMPANYING SINGLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS**

SCALE 3/8"=1'-0"



**QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/ NOT ATTACHED HEAD
& SILL W/ ACCOMPANYING SINGLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS**

SCALE 3/8"=1'-0"



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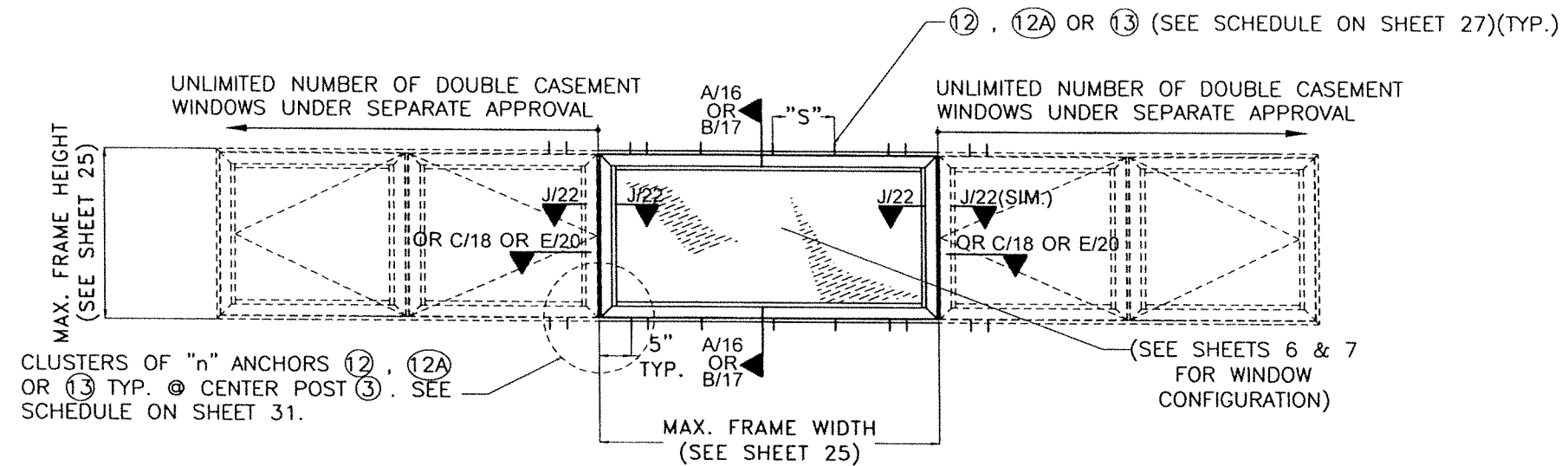
SERIES VPF 8000 ALUMINUM
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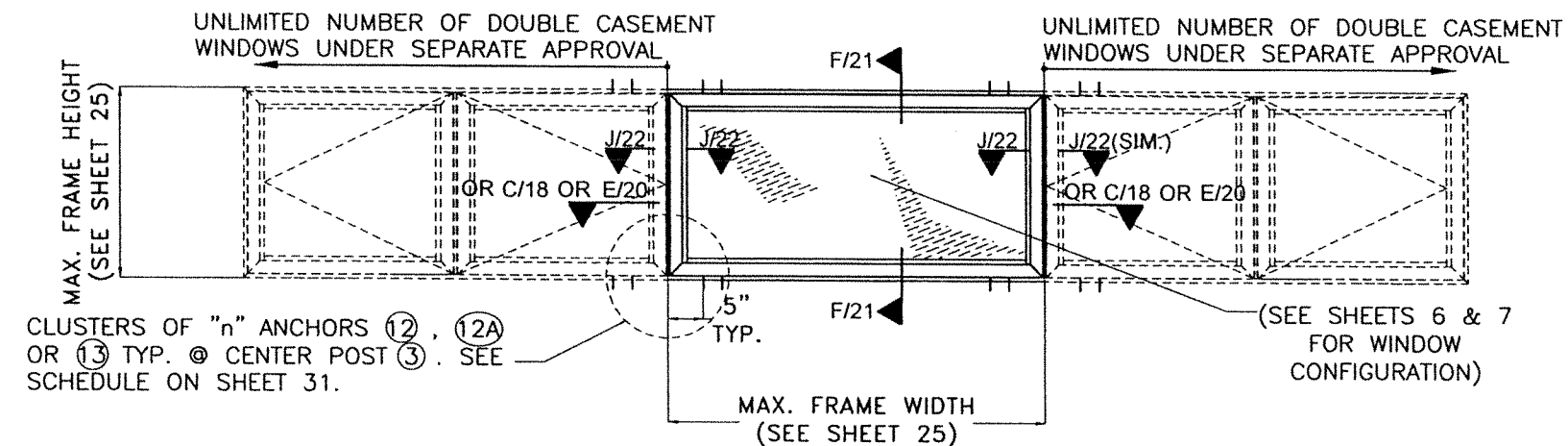
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2	-	-	4	-	-

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DRAWN BY:
09/12/2023
DATE:
23-210
DRAWING No.
SHEET 12 OF 31



**QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/ ATTACHED HEAD
& SILL W/ ACCOMPANYING DOUBLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS**

SCALE 3/8"=1'-0"



**QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/ NOT ATTACHED HEAD
& SILL W/ ACCOMPANYING DOUBLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS**

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/2/2023
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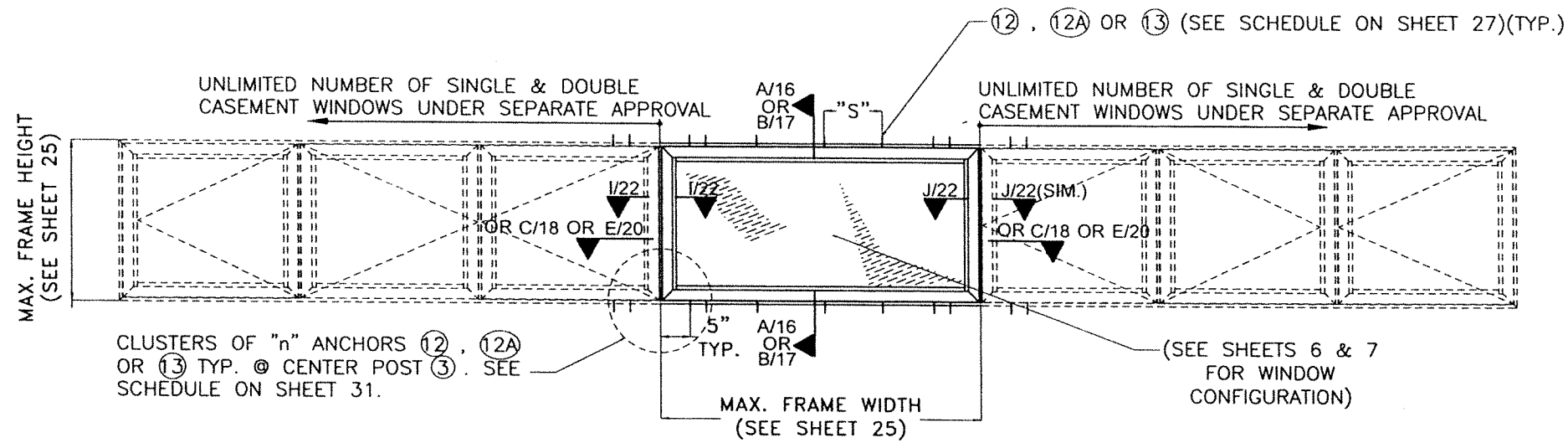
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09/12/2023
DATE:

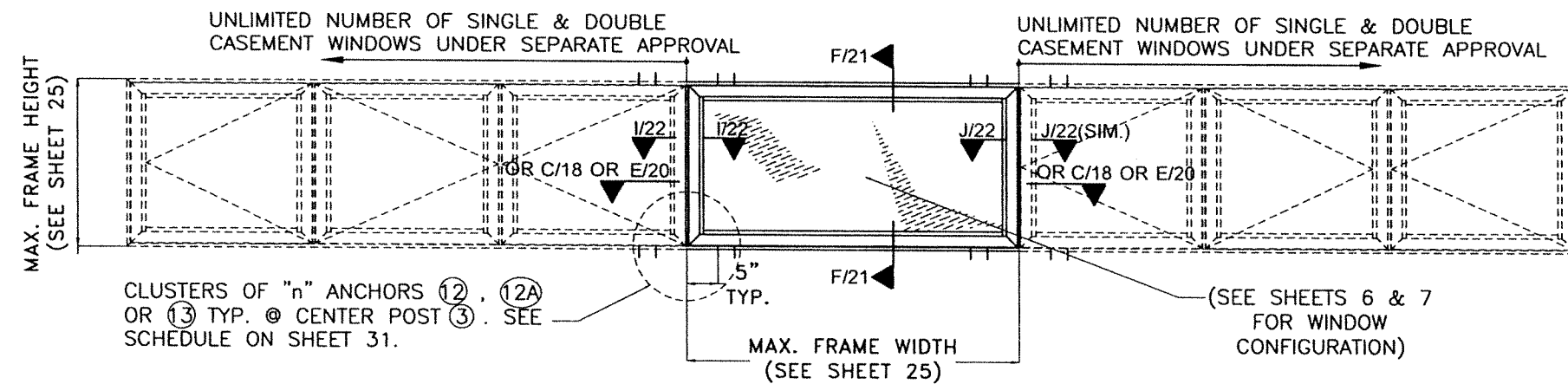
23-210
DRAWING No.

SHEET 13 OF 31

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-



QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/ ATTACHED HEAD & SILL W/ ACCOMPANYING SINGLE & DOUBLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS
 SCALE 3/8"=1'-0"



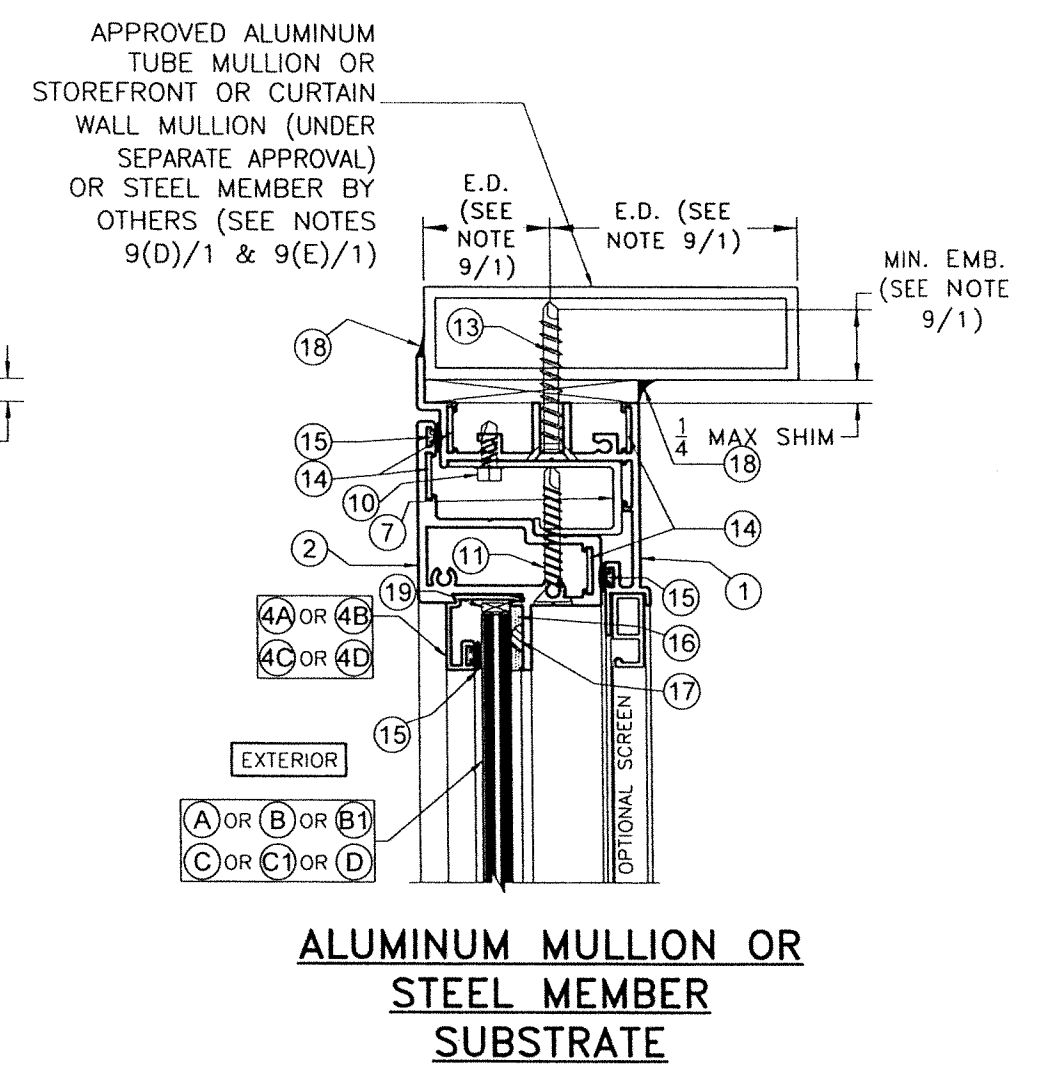
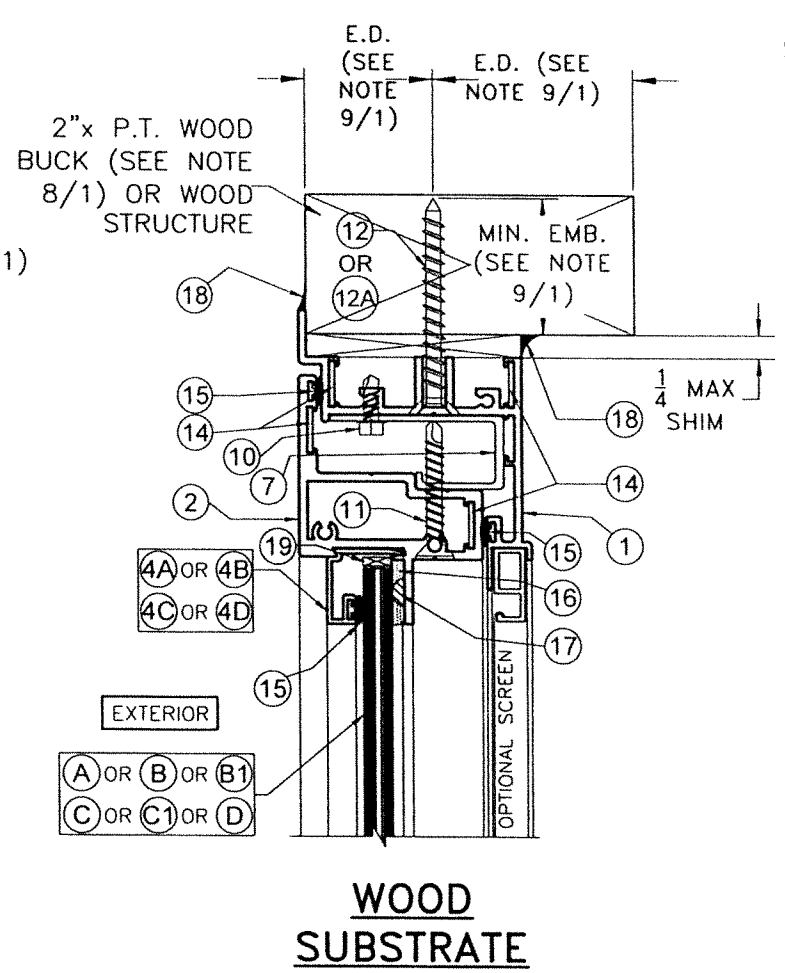
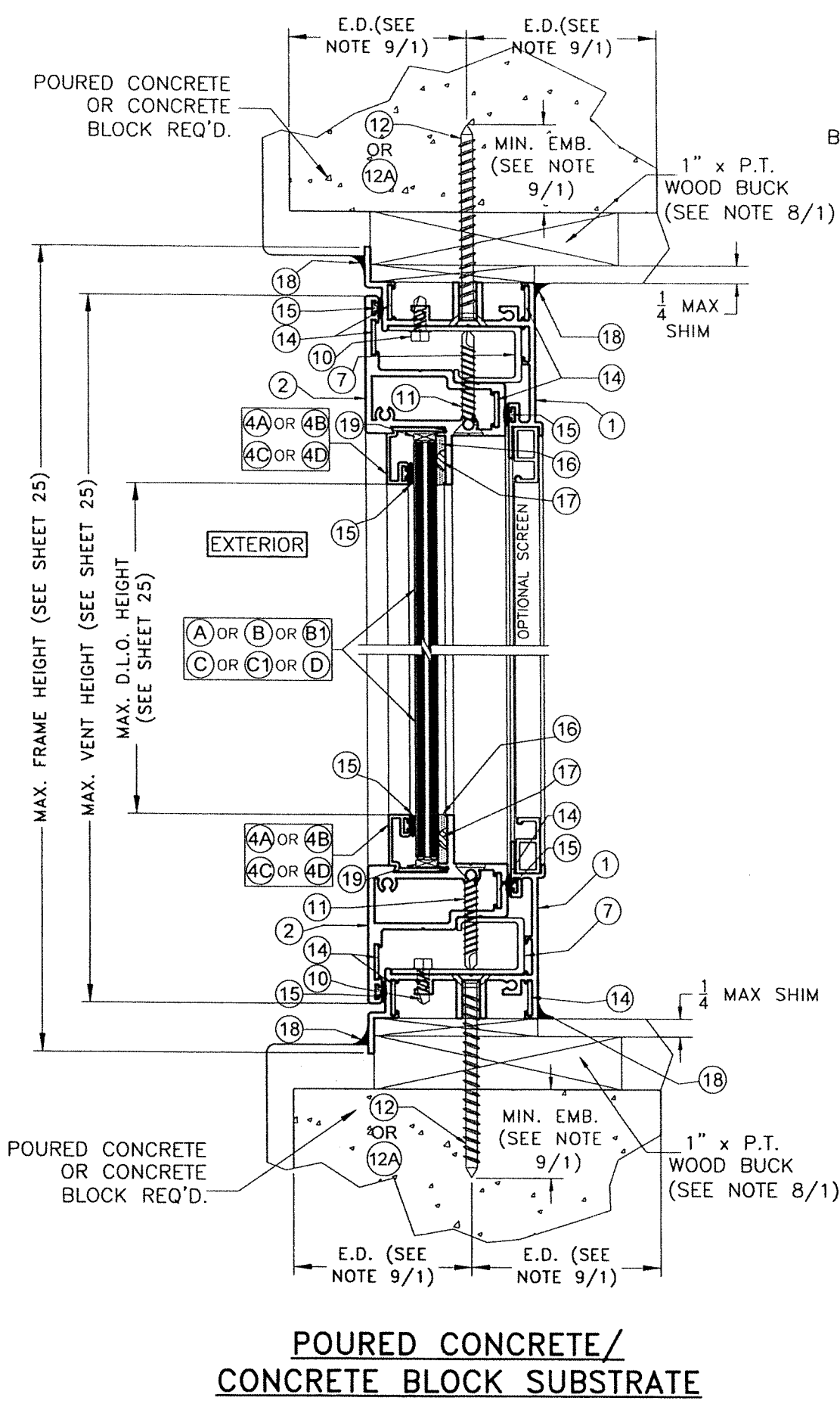
QUALIFIED CONFIGURATIONS FOR HORIZONTALLY ORIENTED FIXED WINDOW W/ NOT ATTACHED HEAD & SILL W/ ACCOMPANYING SINGLE & DOUBLE CASEMENT WINDOWS (UNDER SEPARATE APPROVAL)
TYPICAL EXTERIOR ELEVATIONS
 SCALE 3/8"=1'-0"

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 No. 44167
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
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SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H DRAWN BY:
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						23-210 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 14 OF 31
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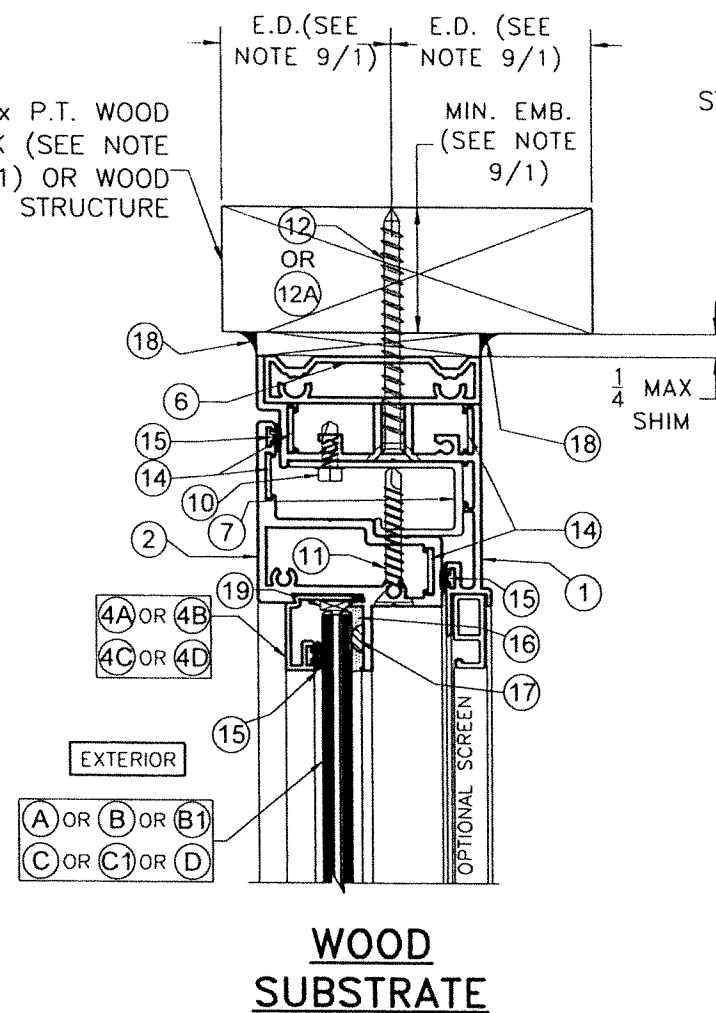
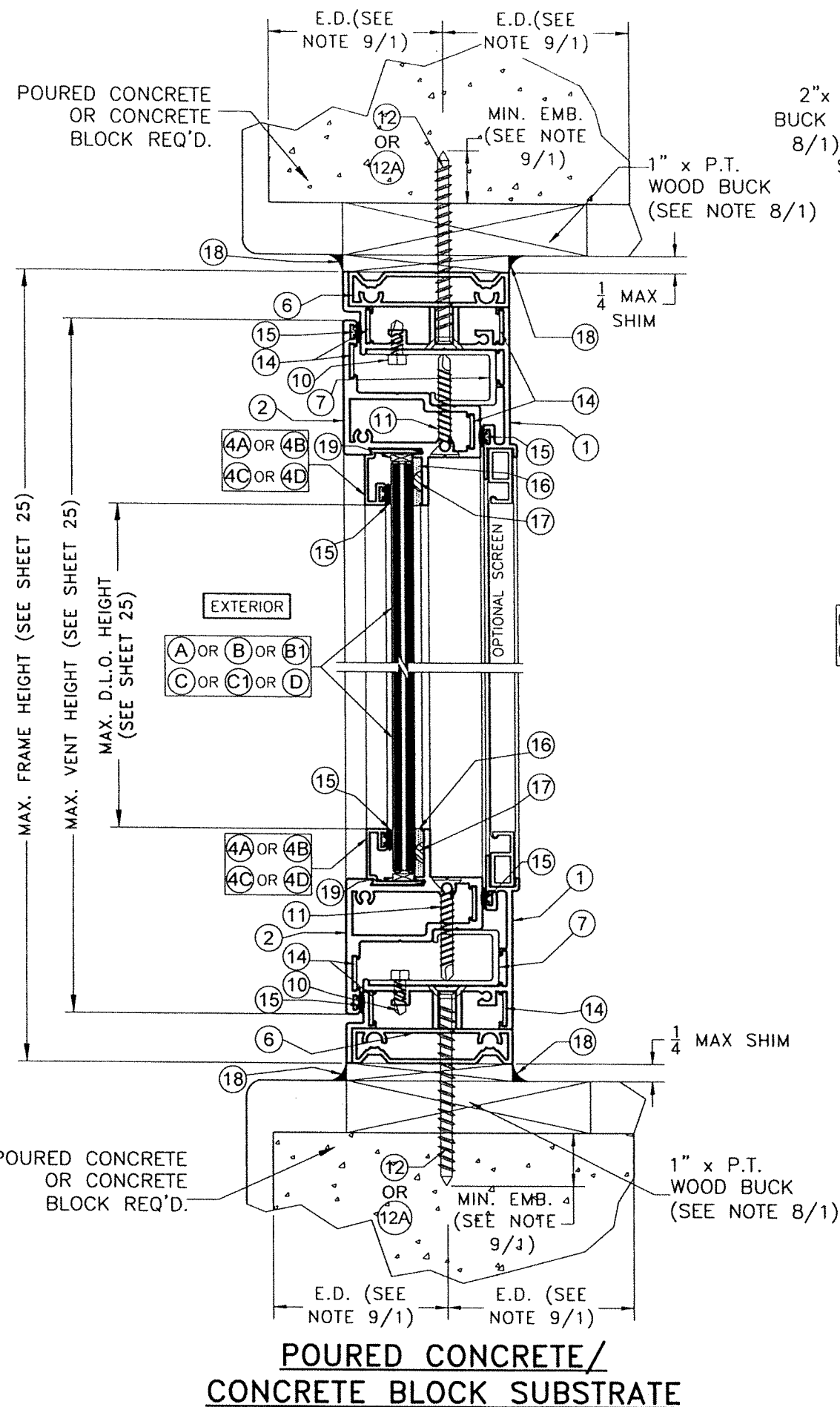


SECTION A-A
SCALE 1/2"=1"

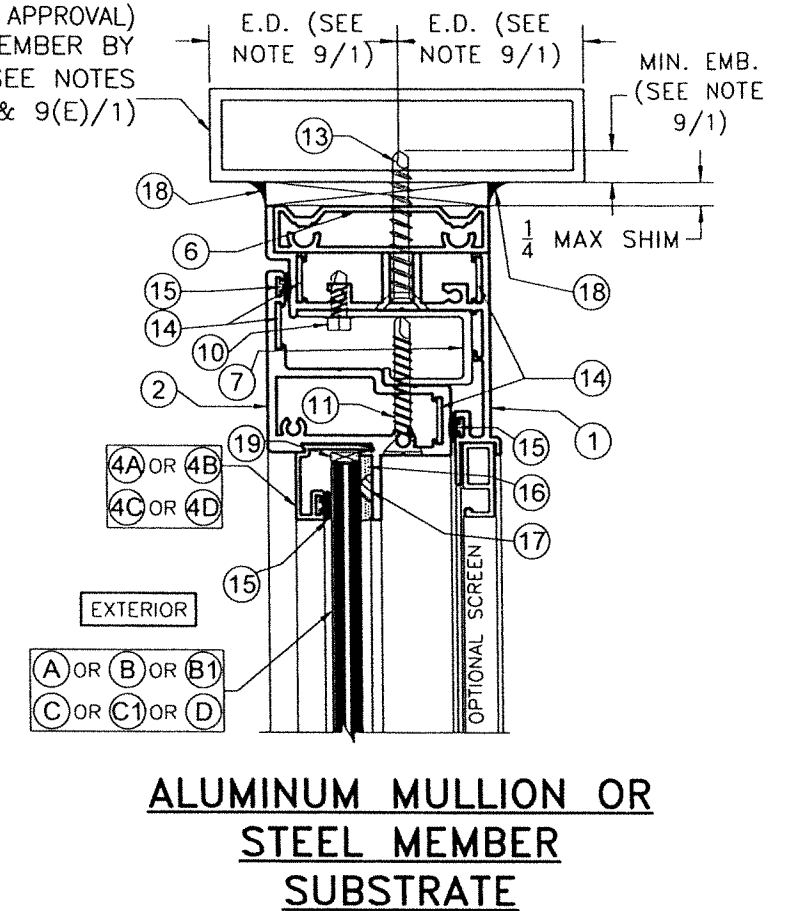
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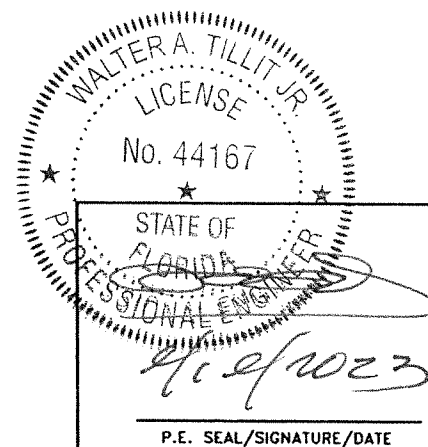


APPROVED ALUMINUM TUBE MULLION OR STOREFRONT OR CURTAIN WALL MULLION (UNDER SEPARATE APPROVAL) OR STEEL MEMBER BY OTHERS (SEE NOTES 9(D)/1 & 9(E)/1)



SECTION B-B

SCALE 1/2"=1"



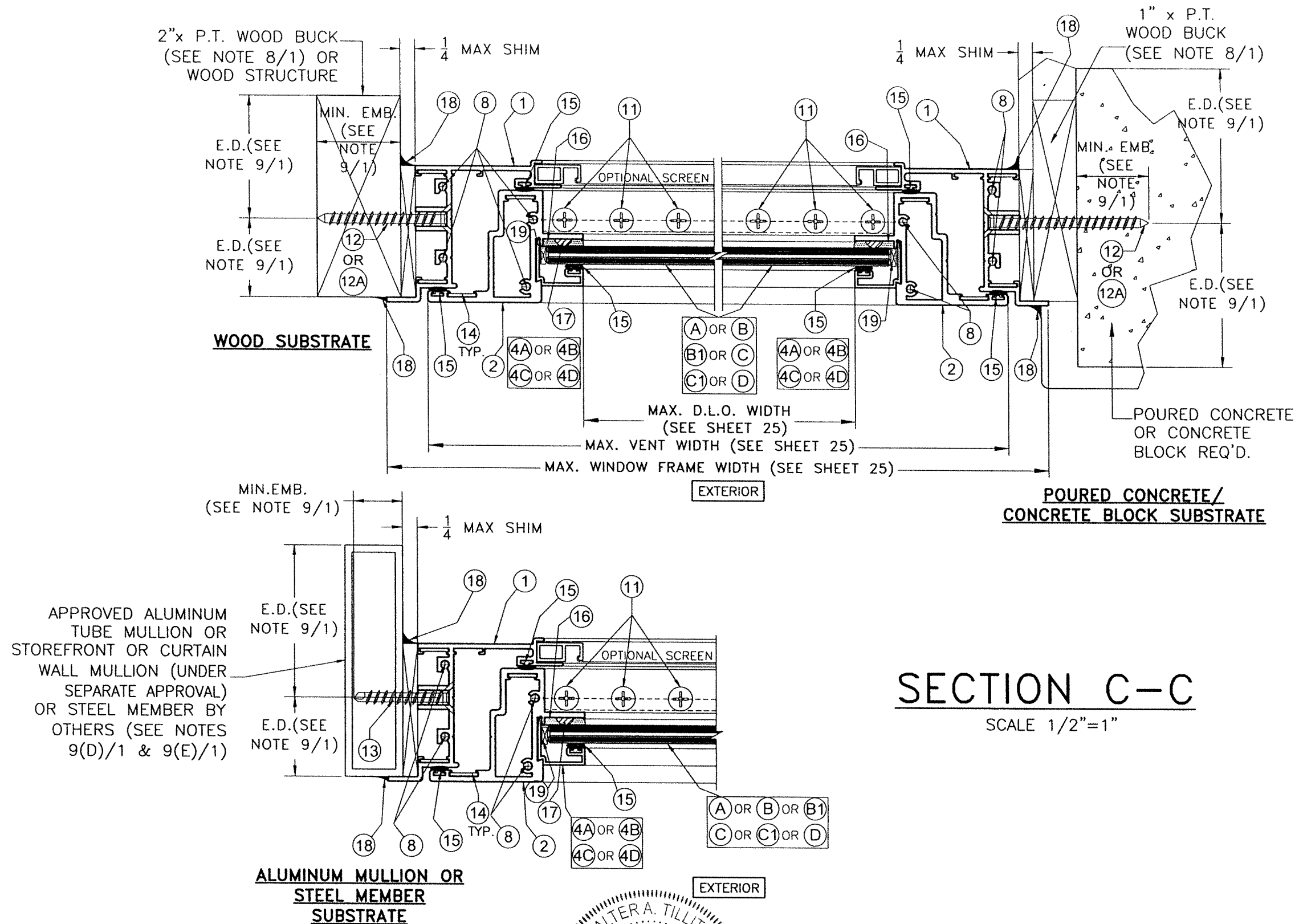
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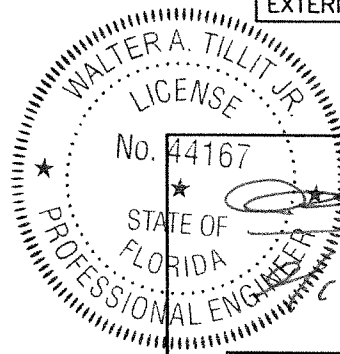
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SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H
DRAWN BY:						DATE:
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23-210						DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
1	OLD 20-279	09/12/23	3	-	-	
2	-	-	4	-	-	



SECTION C-C SCALE 1/2"=1"



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**SERIES VPF 8000 ALUMINUM
FIXED WINDOW-LMI**



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WINDOWS & DOORS

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

W.H
DRAWN BY:

09/12/2023
DATE:

23-210
DRAWING No.

SHEET 18 OF 31

2" x P.T. WOOD
BUCK (SEE NOTE
8/1) OR WOOD
STRUCTURE

1" x P.T.
WOOD BUCK
(SEE NOTE 8/1)

WOOD SUBSTRATE

POURED CONCRETE OR
CONCRETE BLOCK REQ'D.

POURED CONCRETE/
CONCRETE BLOCK SUBSTRATE

MAX. D.L.O. WIDTH
(SEE SHEET 25)

MAX. VENT WIDTH (SEE SHEET 25)

MAX. WINDOW FRAME WIDTH (SEE SHEET 25)

EXTERIOR

APPROVED ALUMINUM
TUBE MULLION OR
STOREFRONT OR CURTAIN
WALL MULLION (UNDER
SEPARATE APPROVAL)
OR STEEL MEMBER BY
OTHERS (SEE NOTES
9(D)/1 & 9(E)/1)

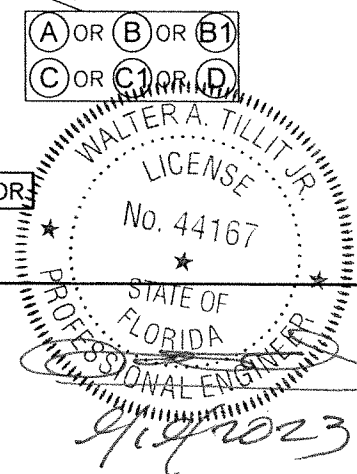
ALUMINUM MULLION OR
STEEL MEMBER
SUBSTRATE

SECTION D-D

SCALE 1/2"=1"

EXTERIOR

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



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CA-0006719

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

**SERIES VPF 8000 ALUMINUM
FIXED WINDOW-LMI**



290 WEST 78 ROAD
HIALEAH, FL 33014
PH: (954)226-5555/(305)558-8103
FAX: (305)558-6665
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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

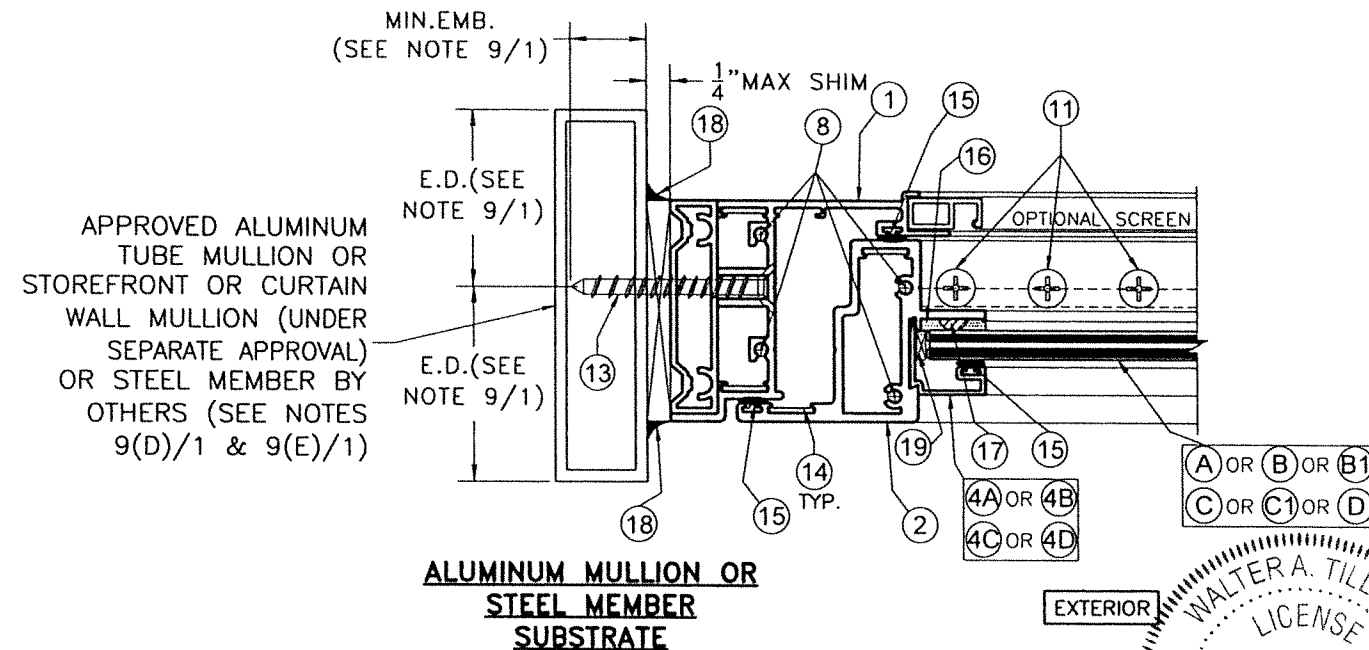
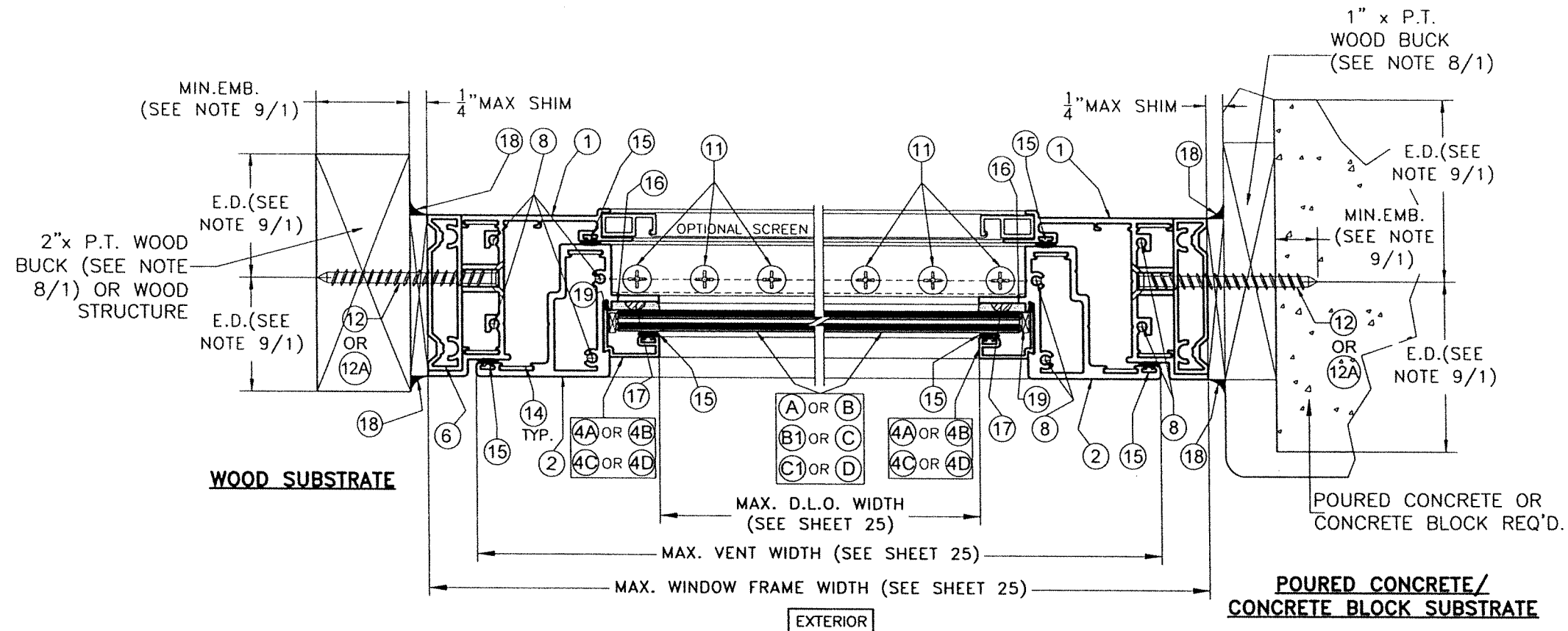
W.H
DRAWN BY:

09/12/2023
DATE:

23-210

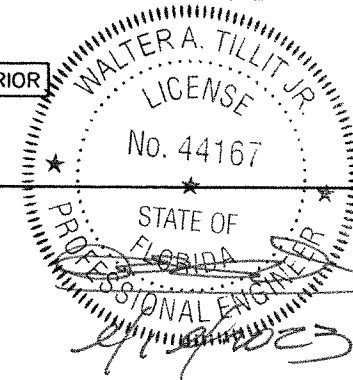
DRAWING No.

SHEET 19 OF 31



SECTION E-E

SCALE 1/2"=1"



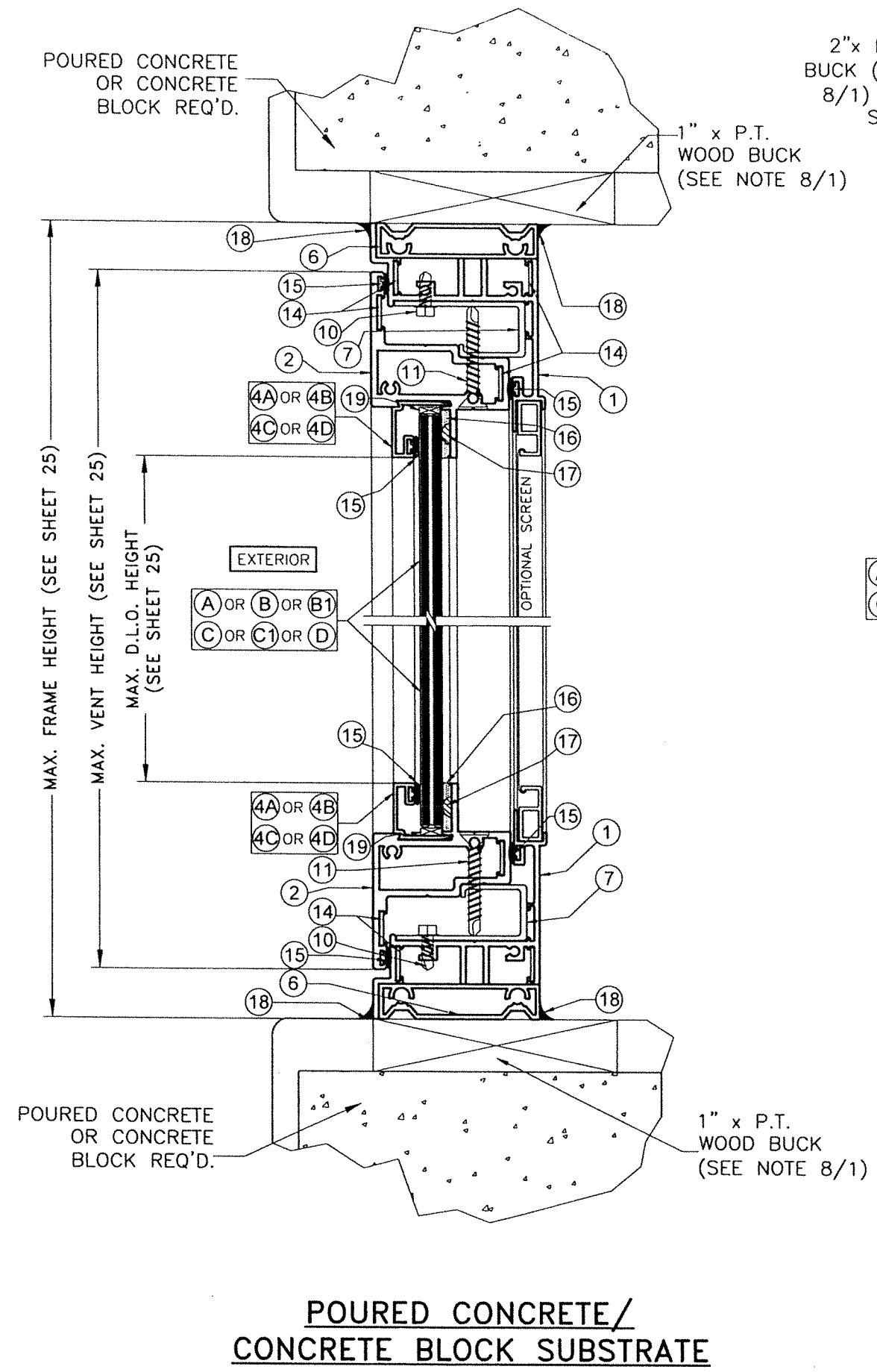
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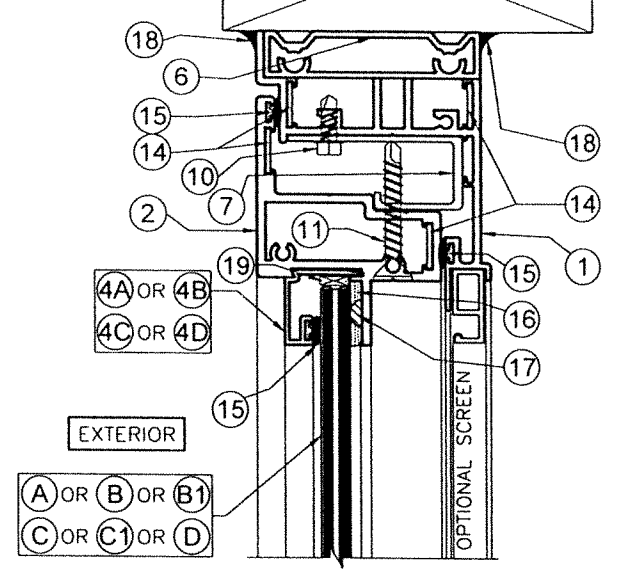
SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H
 290 WEST 78 ROAD HIALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com						DRAWN BY:
						09/12/2023 DATE:
						23-210 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 20 OF 31
1	OLD 20-279	09/12/23	3	-	-	
2	-	-	4	-	-	



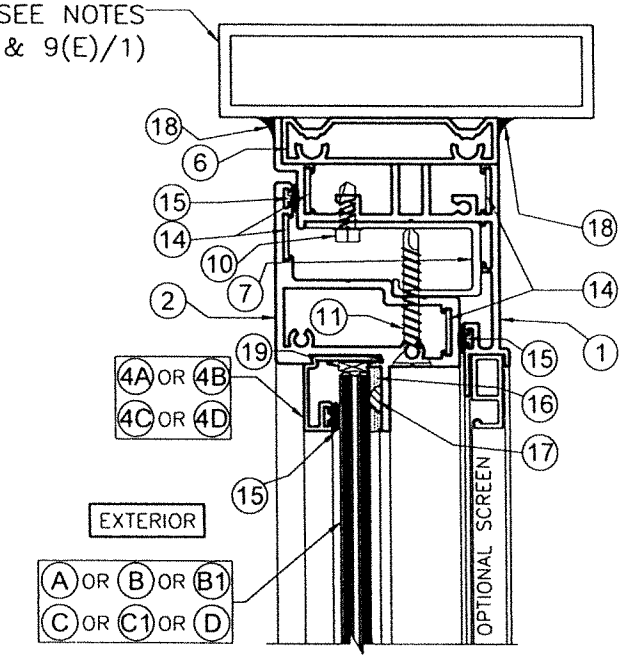
2" x P.T. WOOD
BUCK (SEE NOTE
8/1) OR WOOD
STRUCTURE

1" x P.T.
WOOD BUCK
(SEE NOTE 8/1)

APPROVED ALUMINUM
TUBE MULLION OR
STOREFRONT OR CURTAIN
WALL MULLION (UNDER
SEPARATE APPROVAL)
OR STEEL MEMBER BY
OTHERS (SEE NOTES
9(D)/1 & 9(E)/1)

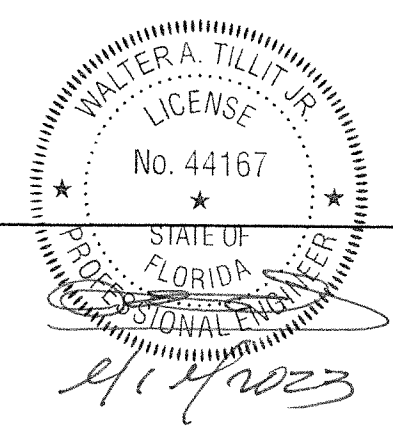


**WOOD
SUBSTRATE**



**ALUMINUM MULLION OR
STEEL MEMBER
SUBSTRATE**

SECTION F-F
SCALE 1/2"=1"



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FIXED WINDOW-LMI**

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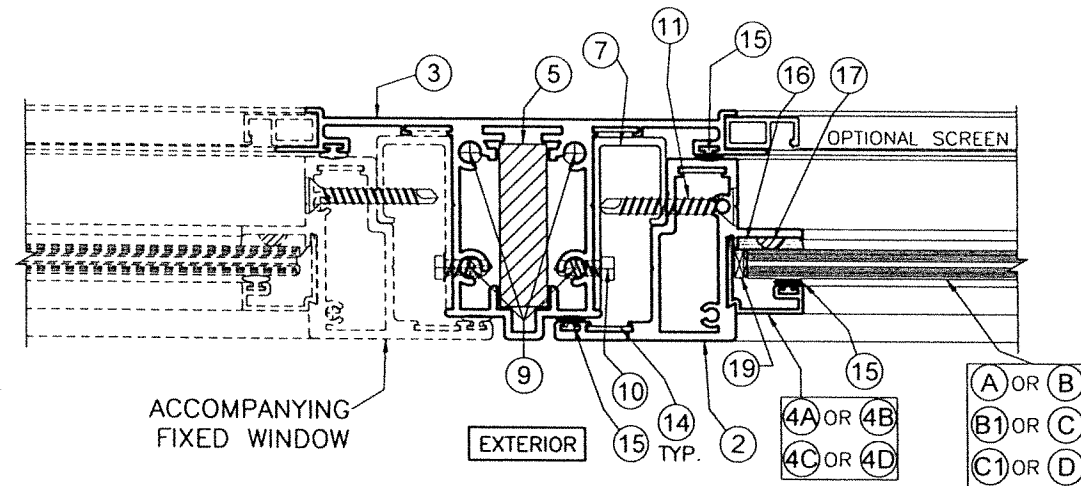
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-

W.H
DRAWN BY:

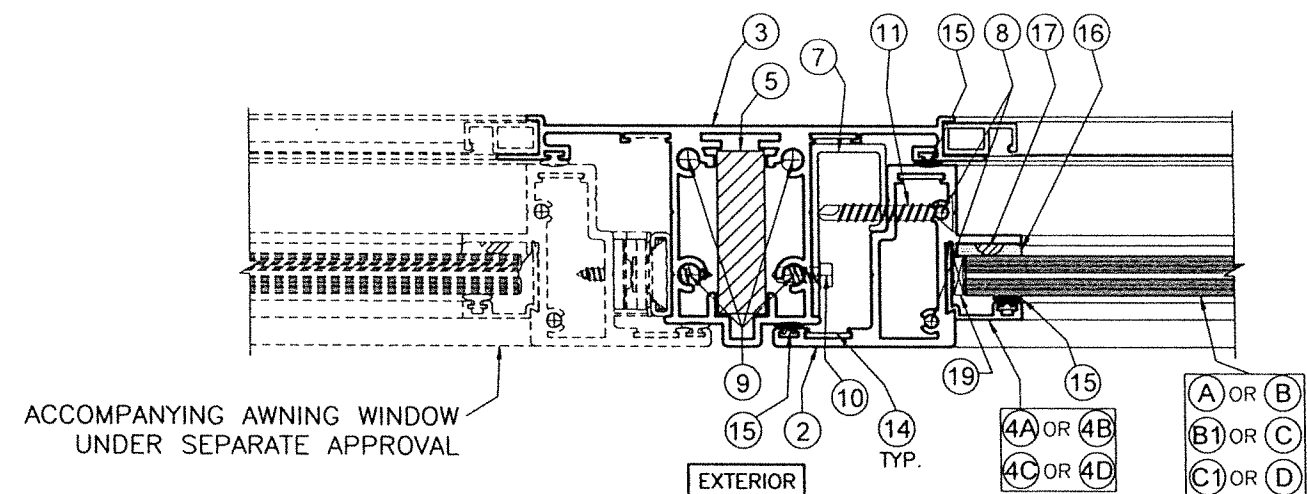
09/12/2023
DATE:

23-210
DRAWING No.

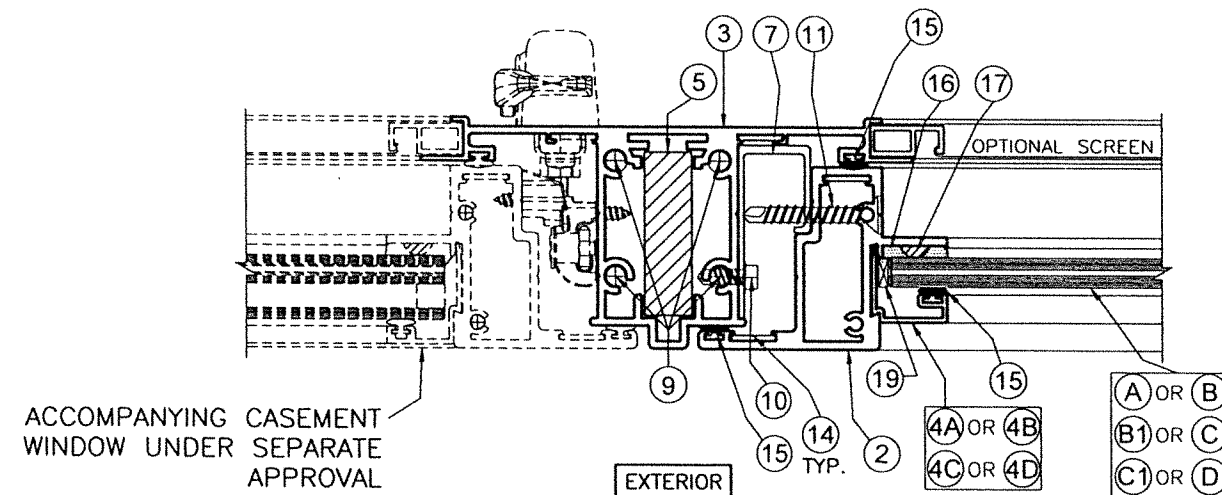
SHEET 21 OF 31



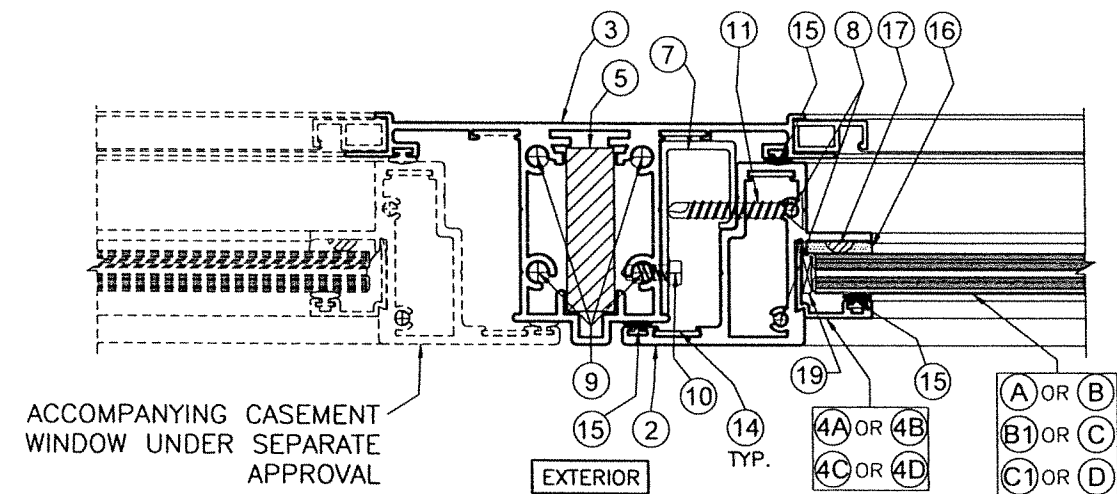
SECTION G-G
SCALE 1/2"=1"



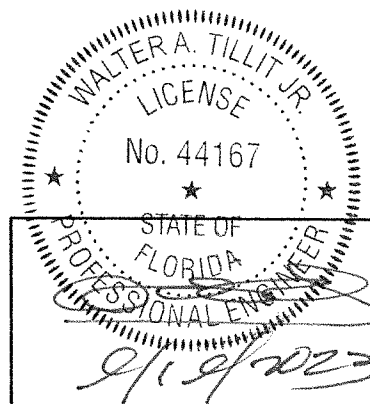
SECTION H-H
SCALE 1/2"=1"



SECTION I-I
SCALE 1/2"=1"



SECTION J-J
SCALE 1/2"=1"



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**SERIES VPF 8000 ALUMINUM
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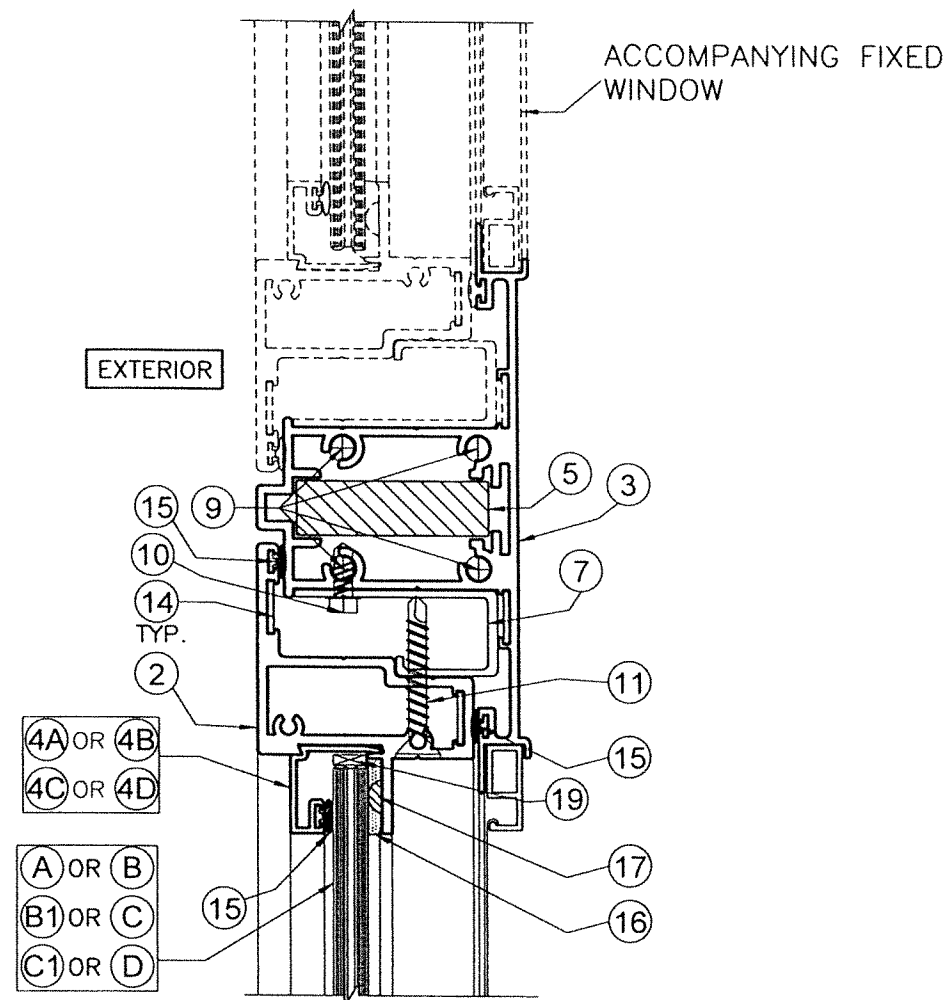
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-

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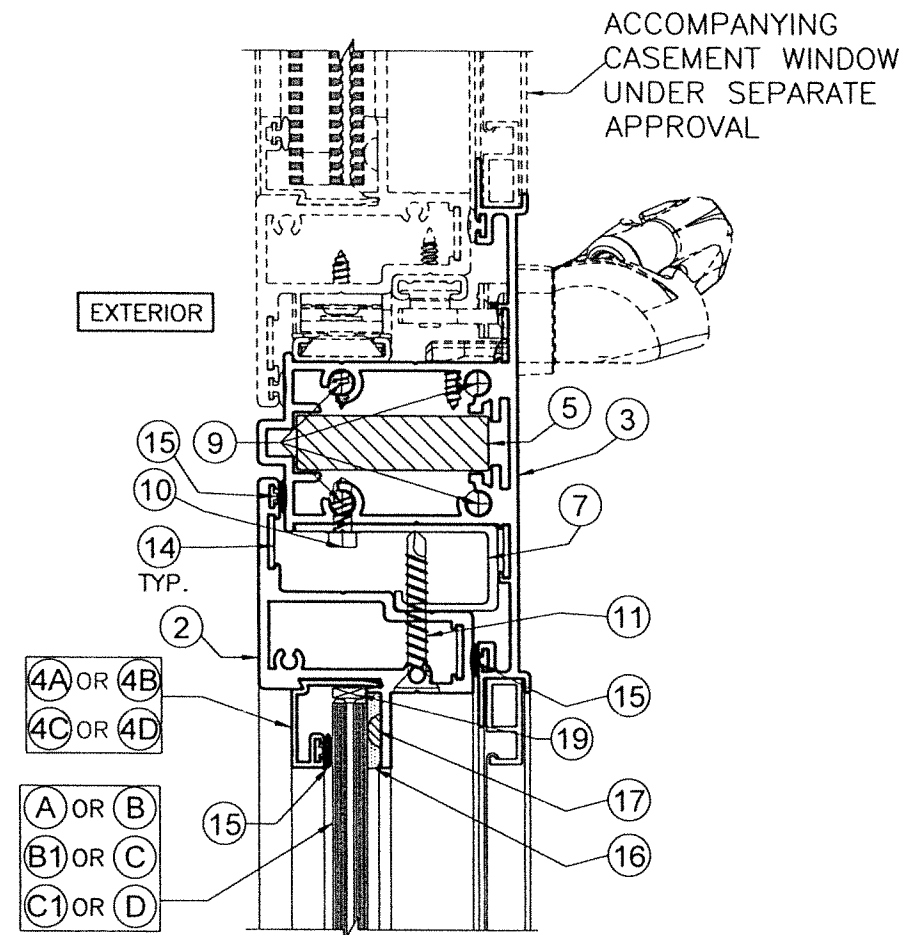
09/12/2023
DATE:

23-210
DRAWING No.

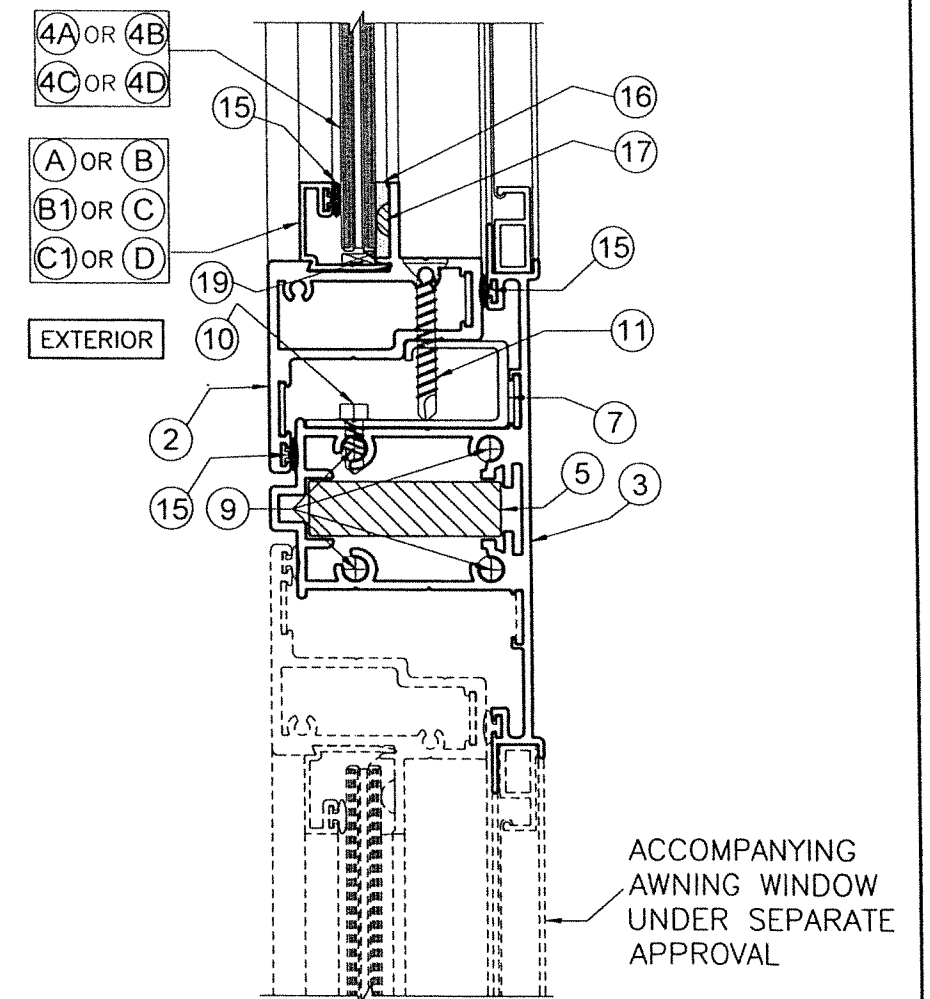
SHEET 22 OF 31



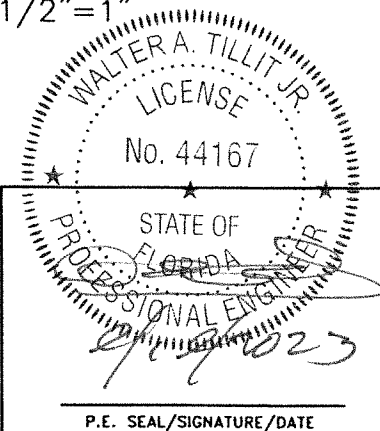
SECTION K-K
SCALE 1/2"=1"



SECTION L-L
SCALE 1/2"=1"



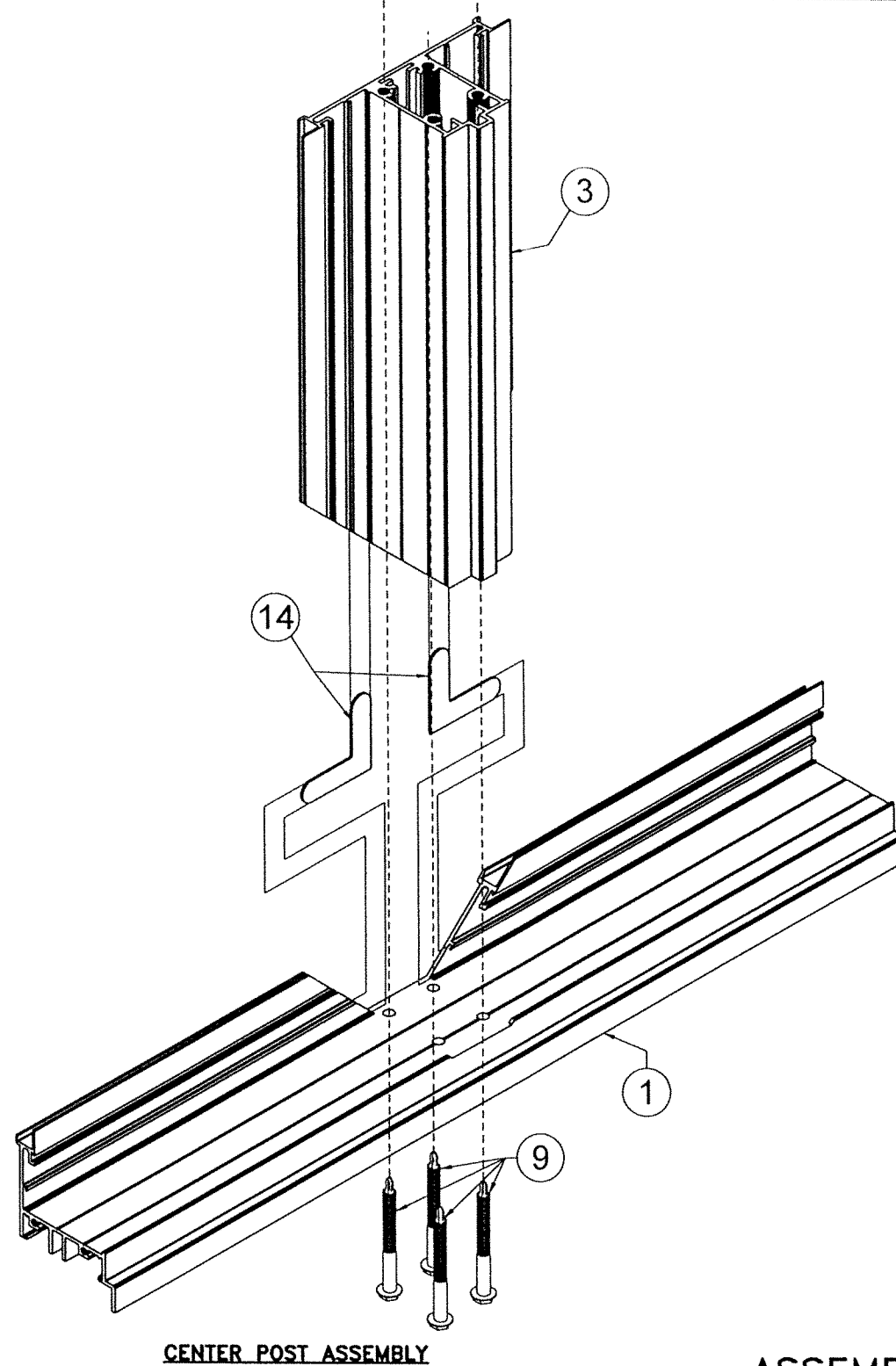
SECTION M-M
SCALE 1/2"=1"



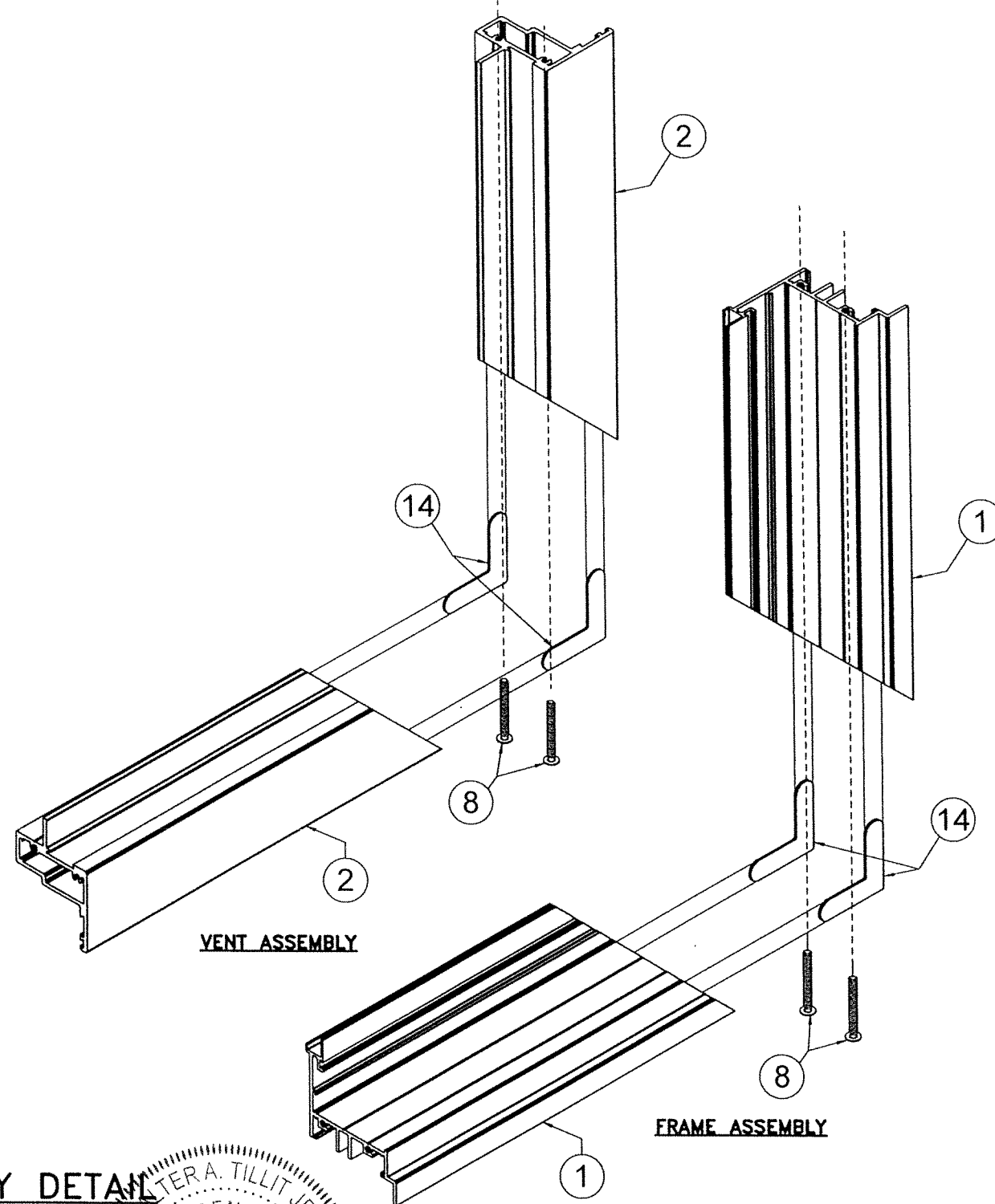
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SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H DRAWN BY:
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						23-210 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 23 OF 31
1	OLD 20-279	09/12/23	3	-	-	
2	-	-	4	-	-	



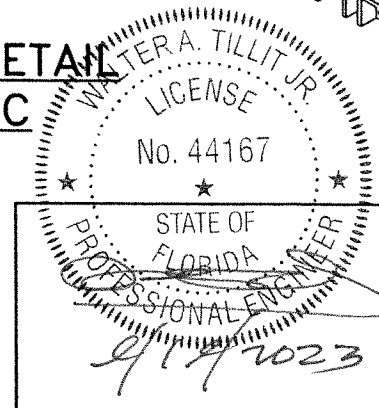
CENTER POST ASSEMBLY



VENT ASSEMBLY

FRAME ASSEMBLY

**ASSEMBLY DETAIL
ISOMETRIC**



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REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

W.H
DRAWN BY:

09/12/2023
DATE:

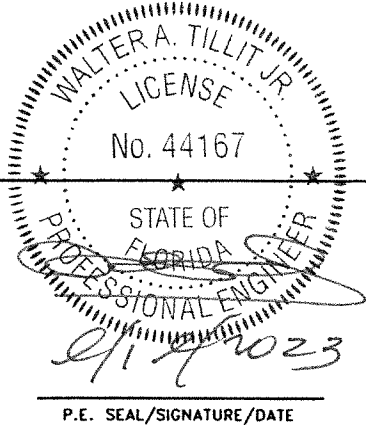
23-210

DRAWING No.

SHEET 24 OF 31

SCHEDULE #1: VALID FOR INSTALLATIONS ON SHEETS 6 THRU 15 (VERTICAL ORIENTATION)							
MAX. ASD. DESIGN PRESSURE RATING AND CORRESPONDING MAX. FRAME, VENT & DLO. DIMENSIONS FOR FIXED WINDOWS							
MAX. ASD DESIGN PRESSURE RATING	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	MAX. VENT WIDTH	MAX. VENT HEIGHT	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT	REQ'D. GLASS TYPE
+72.0, -72.0	42"	74"	41"	72 9/16"	35 5/8"	67 3/16"	(A) (B) (C) (D)
+105.0, -105.0	42"	55"	41"	53 1/2"	35 5/8"	48 1/16"	(B) (C)
+110.0, -110.0	40"	58"	39"	56 1/2"	33 5/8"	51 1/16"	(B) (C)
+120.0, -120.0	37"	63"	36"	61 1/2"	30 5/8"	56 1/16"	(B) (C)

SCHEDULE #2: VALID FOR INSTALLATIONS ON SHEETS 6 THRU 15 (HORIZONTAL ORIENTATION)							
MAX. ASD. DESIGN PRESSURE RATING AND CORRESPONDING MAX. FRAME, VENT & DLO. DIMENSIONS FOR FIXED WINDOWS							
MAX. ASD DESIGN PRESSURE RATING	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	MAX. VENT WIDTH	MAX. VENT HEIGHT	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT	REQ'D. GLASS TYPE
+72.0, -72.0	74"	42"	72 9/16"	41"	67 3/16"	35 5/8"	(A) (B) (C) (D)
+105.0, -105.0	55"	42"	53 1/2"	41"	48 1/16"	35 5/8"	(B) (C)
+110.0, -110.0	58"	40"	56 1/2"	39"	51 1/16"	33 5/8"	(B) (C)
+120.0, -120.0	63"	37"	61 1/2"	36"	56 1/16"	30 5/8"	(B) (C)



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SERIES VPF 8000 ALUMINUM
FIXED WINDOW-LMI


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DRAWN BY:

09/12/2023
DATE:

23-210
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

SHEET 25 OF 31

MAXIMUM ANCHOR SPACING "S" AT ATTACHED JAMB FOR FIXED WINDOWS (VERTICAL ORIENTATION)						CONTINUED						CONTINUED						CONTINUED					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB	SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB	SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB	SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB
POURED CONCRETE f'c=3000psi	(12) OR (12A)	+72.0, -72.0	42"	74"	15"	CONCRETE BLOCK	(12) OR (12A)	+72.0, -72.0	42"	74"	12"	ALUMINUM OR STEEL	(13)	+72.0, -72.0	42"	74"	16"	WOOD	(12) OR (12A)	+72.0, -72.0	42"	74"	15"
		+75.0, -75.0	42"	55"	14"			+75.0, -75.0	42"	55"	12"			+75.0, -75.0	42"	55"	16"			+75.0, -75.0	42"	55"	14"
			40"	58"	15"				40"	58"	12"				40"	58"	16"				40"	58"	15"
			37"	63"	16"				37"	63"	13"				37"	63"	16"				37"	63"	16"
		+80.0, -80.0	42"	55"	13"			+80.0, -80.0	42"	55"	11"			+80.0, -80.0	42"	55"	16"			+80.0, -80.0	42"	55"	13"
			40"	58"	14"				40"	58"	12"				40"	58"	16"				40"	58"	14"
			37"	63"	15"				37"	63"	13"				37"	63"	16"				37"	63"	15"
		+85.0, -85.0	42"	55"	12"			+85.0, -85.0	42"	55"	10"			+85.0, -85.0	42"	55"	15"			+85.0, -85.0	42"	55"	12"
			40"	58"	13"				40"	58"	11"				40"	58"	16"				40"	58"	13"
			37"	63"	14"				37"	63"	12"				37"	63"	16"				37"	63"	14"
		+90.0, -90.0	42"	55"	12"			+90.0, -90.0	42"	55"	10"			+90.0, -90.0	42"	55"	14"			+90.0, -90.0	42"	55"	12"
			40"	58"	12"				40"	58"	10"				40"	58"	15"				40"	58"	12"
			37"	63"	13"				37"	63"	11"				37"	63"	16"				37"	63"	13"
		+95.0, -95.0	42"	55"	11"			+95.0, -95.0	42"	55"	9"			+95.0, -95.0	42"	55"	13"			+95.0, -95.0	42"	55"	11"
			40"	58"	12"				40"	58"	10"				40"	58"	14"				40"	58"	12"
			37"	63"	13"				37"	63"	10"				37"	63"	15"				37"	63"	13"
		+100.0, -100.0	42"	55"	11"			+100.0, -100.0	42"	55"	9"			+100.0, -100.0	42"	55"	13"			+100.0, -100.0	42"	55"	11"
			40"	58"	11"				40"	58"	9"				40"	58"	13"				40"	58"	11"
			37"	63"	12"				37"	63"	10"				37"	63"	14"				37"	63"	12"
		+105.0, -105.0	42"	55"	10"			+105.0, -105.0	42"	55"	8"			+105.0, -105.0	42"	55"	12"			+105.0, -105.0	42"	55"	10"
			40"	58"	11"				40"	58"	9"				40"	58"	13"				40"	58"	11"
			37"	63"	11"				37"	63"	9"				37"	63"	14"				37"	63"	11"
		+110.0, -110.0	40"	58"	10"			+110.0, -110.0	40"	58"	8"			+110.0, -110.0	40"	58"	12"			+110.0, -110.0	40"	58"	10"
			37"	63"	11"				37"	63"	9"				37"	63"	13"				37"	63"	11"
		+115.0, -115.0	37"	63"	10"			+115.0, -115.0	37"	63"	9"			+115.0, -115.0	37"	63"	12"			+115.0, -115.0	37"	63"	10"
		+120.0, -120.0	37"	63"	10"			+120.0, -120.0	37"	63"	8"			+120.0, -120.0	37"	63"	12"			+120.0, -120.0	37"	63"	10"

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/11/2023
P.E. SEAL/SIGNATURE/DATE

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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES VPF 8000 ALUMINUM FIXED WINDOW-LMI						W.H DRAWN BY:	
 290 WEST 78 ROAD HIALEAH, FL 33014 PH: (954)226-5555/(305)558-8103 FAX: (305)558-6665 www.gigwindows.com						09/12/2023 DATE:	
						23-210 DRAWING No.	
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 26 OF 31	
1	OLD 20-279	09/12/23	5	-	-		
2	-	-	4	-	-		

MAXIMUM ANCHOR SPACING "S" AT ATTACHED HEAD/SILL FOR FIXED WINDOWS (HORIZONTAL ORIENTATION)					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB
POURED CONCRETE f'c=3000psi	(12) OR (12A)	+72.0, -72.0	74"	42"	15"
			55"	42"	14"
		+75.0, -75.0	58"	40"	15"
			63"	37"	16"
			55"	42"	13"
		+80.0, -80.0	58"	40"	14"
			63"	37"	15"
			55"	42"	12"
		+85.0, -85.0	58"	40"	13"
			63"	37"	14"
			55"	42"	12"
		+90.0, -90.0	58"	40"	12"
			63"	37"	13"
			55"	42"	11"
		+95.0, -95.0	58"	40"	12"
			63"	37"	13"
			55"	42"	11"
		+100.0, -100.0	58"	40"	11"
			63"	37"	12"
			55"	42"	10"
		+105.0, -105.0	58"	40"	11"
			63"	37"	11"
			58"	40"	10"
		+110.0, -110.0	63"	37"	11"
			63"	37"	10"
		+115.0, -115.0	63"	37"	10"
		+120.0, -120.0	63"	37"	10"

CONTINUED					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB
CONCRETE BLOCK	(12) OR (12A)	+72.0, -72.0	74"	42"	12"
			55"	42"	12"
		+75.0, -75.0	58"	40"	12"
			63"	37"	13"
			55"	42"	11"
		+80.0, -80.0	58"	40"	12"
			63"	37"	13"
			55"	42"	10"
		+85.0, -85.0	58"	40"	11"
			63"	37"	12"
			55"	42"	10"
		+90.0, -90.0	58"	40"	10"
			63"	37"	11"
			55"	42"	9"
		+95.0, -95.0	58"	40"	10"
			63"	37"	10"
			55"	42"	9"
		+100.0, -100.0	58"	40"	9"
			63"	37"	10"
			55"	42"	8"
		+105.0, -105.0	58"	40"	9"
			63"	37"	9"
			58"	40"	8"
		+110.0, -110.0	63"	37"	9"
			63"	37"	9"
		+115.0, -115.0	63"	37"	9"
		+120.0, -120.0	63"	37"	8"

CONTINUED					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB
ALUMINUM OR STEEL	(13)	+72.0, -72.0	74"	42"	16"
			55"	42"	16"
		+75.0, -75.0	58"	40"	16"
			63"	37"	16"
			55"	42"	16"
		+80.0, -80.0	58"	40"	16"
			63"	37"	16"
			55"	42"	15"
		+85.0, -85.0	58"	40"	16"
			63"	37"	16"
			55"	42"	14"
		+90.0, -90.0	58"	40"	15"
			63"	37"	16"
			55"	42"	13"
		+95.0, -95.0	58"	40"	14"
			63"	37"	15"
			55"	42"	13"
		+100.0, -100.0	58"	40"	13"
			63"	37"	14"
			55"	42"	12"
		+105.0, -105.0	58"	40"	13"
			63"	37"	14"
			58"	40"	12"
		+110.0, -110.0	63"	37"	13"
			63"	37"	13"
		+115.0, -115.0	63"	37"	12"
		+120.0, -120.0	63"	37"	12"

CONTINUED					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"S" (O.C.) AT JAMB
WOOD	(12) OR (12A)	+72.0, -72.0	74"	42"	15"
			55"	42"	14"
		+75.0, -75.0	58"	40"	15"
			63"	37"	16"
			55"	42"	13"
		+80.0, -80.0	58"	40"	14"
			63"	37"	15"
			55"	42"	12"
		+85.0, -85.0	58"	40"	13"
			63"	37"	14"
			55"	42"	12"
		+90.0, -90.0	58"	40"	12"
			63"	37"	13"
			55"	42"	11"
		+95.0, -95.0	58"	40"	12"
			63"	37"	13"
			55"	42"	11"
		+100.0, -100.0	58"	40"	11"
			63"	37"	12"
			55"	42"	10"
		+105.0, -105.0	58"	40"	11"
			63"	37"	11"
			58"	40"	10"
		+110.0, -110.0	63"	37"	11"
			63"	37"	11"
		+115.0, -115.0	63"	37"	10"
		+120.0, -120.0	63"	37"	10"

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/19/2023

P.E. SEAL/SIGNATURE/DATE

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1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

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09/12/2023
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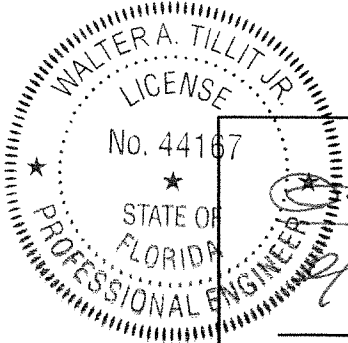
23-210

DRAWING No.

SHEET 27 OF 31

SCHEDULE #5: VALID FOR INSTALLATIONS PER SHEETS 7, 8, 11, 15 (AS APPLICABLE) (VERTICAL ORIENTATION)					
MAXIMUM # OF ANCHORS "n" AT EA. OF TWO CLUSTERS AT HEAD OR SILL FOR FIXED WINDOWS WHEN JAMBS ARE NOT ATTACHED TO WALL					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
POURED CONCRETE f'c=3000psi	(12) OR (12A)	+72.0, -72.0	42"	74"	3
		+75.0, -75.0 TO +80.0, -80.0	42"	55"	2
			40"	58"	2
			37"	63"	2
		+85.0, -85.0 TO +115.0, -115.0	42"	55"	3
			40"	58"	3
			37"	63"	3
		+120.0, -120.0	37"	63"	3
ALUMINUM OR STEEL	(13)	+72.0, -72.0	42"	74"	2
		+75.0, -75.0 TO +95.0, -95.0	42"	55"	2
			40"	58"	2
			37"	63"	2
		+100.0, -100.0 TO +115.0, -115.0	42"	55"	3
			40"	58"	3
			37"	63"	3
		+120.0, -120.0	37"	63"	3

SCHEDULE #5 (CONTINUED)					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
CONCRETE BLOCK	(12) OR (12A)	+72.0, -72.0	42"	74"	3
		+75.0, -75.0 TO +100.0, -100.0	42"	55"	3
			40"	58"	3
			37"	63"	3
		+105.0, -105.0 TO +115.0, -115.0	42"	55"	4
			40"	58"	4
			37"	63"	4
		+120.0, -120.0	37"	63"	4
WOOD	(12) OR (12A)	+72.0, -72.0	42"	74"	3
		+75.0, -75.0 TO +80.0, -80.0	42"	55"	2
			40"	58"	2
			37"	63"	2
		+85.0, -85.0 TO +115.0, -115.0	42"	55"	3
			40"	58"	3
			37"	63"	3
		+120.0, -120.0	37"	63"	3



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

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						23-210 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 28 OF 31
1	OLD 20-279	09/12/23	3	-	-	
2	-	-	4	-	-	

SCHEDULE #6: VALID FOR INSTALLATIONS PER SHEETS 7, 9, 10, 12, 13, 14, 15(AS APPLICABLE) (HORIZONTAL ORIENTATION)					
MAXIMUM # OF ANCHORS "n" AT EA. OF TWO CLUSTERS AT JAMBS FOR FIXED WINDOWS WHEN HEAD/SILL ARE NOT ATTACHED TO WALL					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
POURED CONCRETE f'c=3000psi	(12) OR (12A)	+72.0, -72.0	74"	42"	3
		+75.0, -75.0 TO +80.0, -80.0	55"	42"	2
			58"	40"	2
			63"	37"	2
		+85.0, -85.0 TO +115.0, -115.0	55"	42"	3
			58"	40"	3
			63"	37"	3
ALUMINUM OR STEEL	(13)	+120.0, -120.0	63"	37"	3
		+72.0, -72.0	74"	42"	2
		+75.0, -75.0 TO +95.0, -95.0	55"	42"	2
			58"	40"	2
			63"	37"	2
		+100.0, -100.0 TO +115.0, -115.0	55"	42"	3
			58"	40"	3
			63"	37"	3
		+120.0, -120.0	63"	37"	3

SCHEDULE #6 (CONTINUED)					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
CONCRETE BLOCK	(12) OR (12A)	+72.0, -72.0	74"	42"	3
		+75.0, -75.0 TO +100.0, -100.0	55"	42"	3
			58"	40"	3
			63"	37"	3
		+105.0, -105.0 TO +115.0, -115.0	55"	42"	4
			58"	40"	4
			63"	37"	4
WOOD	(12) OR (12A)	+120.0, -120.0	63"	37"	4
		+72.0, -72.0	74"	42"	3
		+75.0, -75.0 TO +80.0, -80.0	55"	42"	2
			58"	40"	2
			63"	37"	2
		+85.0, -85.0 TO +115.0, -115.0	55"	42"	3
			58"	40"	3
			63"	37"	3
		+120.0, -120.0	63"	37"	3

WALTER A. TILLIT JR.
LICENSE
No. 44167
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-

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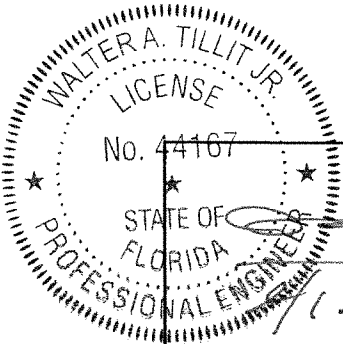
23-210
DRAWING No.

SHEET 29 OF 31

SCHEDULE #7: VALID FOR INSTALLATIONS PER SHEET 15					
MAXIMUM # OF ANCHORS "n" AT CLUSTER AT EA. END OF HORIZONTAL CENTER POST ③ AT JAMBS FOR VERTICAL COMBINATION OF VERTICALLY ORIENTED FIXED WINDOWS					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
POURED CONCRETE f'c=3000psi	⑫ OR ⑫A	+72.0, -72.0	42"	74"	6
		+75.0, -75.0 TO +80.0, -80.0	42"	55"	4
			40"	58"	4
			37"	63"	4
		+85.0, -85.0 TO +115.0, -115.0	42"	55"	6
			40"	58"	6
			37"	63"	6
		+120.0, -120.0	37"	63"	6
ALUMINUM OR STEEL	⑬	+72.0, -72.0	42"	74"	4
		+75.0, -75.0 TO +95.0, -95.0	42"	55"	4
			40"	58"	4
			37"	63"	4
		+100.0, -100.0 TO +115.0, -115.0	42"	55"	6
			40"	58"	6
			37"	63"	6
		+120.0, -120.0	37"	63"	6

SCHEDULE #7 (CONTINUED)					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
CONCRETE BLOCK	⑫ OR ⑫A	+72.0, -72.0	42"	74"	6
		+75.0, -75.0 TO +100.0, -100.0	42"	55"	6
			40"	58"	6
			37"	63"	6
		+105.0, -105.0 TO +115.0, -115.0	42"	55"	8
			40"	58"	8
			37"	63"	8
		+120.0, -120.0	37"	63"	8
WOOD	⑫ OR ⑫A	+72.0, -72.0	42"	74"	6
		+75.0, -75.0 TO +80.0, -80.0	42"	55"	4
			40"	58"	4
			37"	63"	4
		+85.0, -85.0 TO +115.0, -115.0	42"	55"	6
			40"	58"	6
			37"	63"	6
		+120.0, -120.0	37"	63"	6

* TOTAL NUMBER OF ANCHORS SHALL BE UNIFORMLY DISTRIBUTED AT (n/2) ANCHORS ABOVE & BELOW OF HORIZONTAL CENTER POST ③ AT JAMBS



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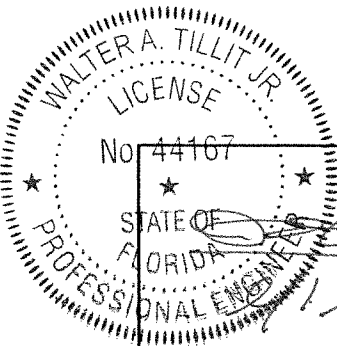
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						23-210 DRAWING No.
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 30 OF 31
1	OLD 20-279	09/12/23	3	-	-	
2	-	-	4	-	-	

SCHEDULE #8: VALID FOR INSTALLATIONS PER SHEET 15					
MAXIMUM # OF ANCHORS "n" AT CLUSTER AT EA. END OF HORIZONTAL CENTER POST ③ AT JAMBS FOR VERTICAL COMBINATION OF HORIZONTALLY ORIENTED FIXED, CASEMENT & AWNINGS WINDOWS					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
POURED CONCRETE f'c=3000psi	⑫ OR ⑫A	+72.0, -72.0	74"	42"	6
		+75.0, -75.0 TO +80.0, -80.0	55"	42"	4
			58"	40"	4
			63"	37"	4
		+85.0, -85.0 TO +115.0, -115.0	55"	42"	6
			58"	40"	6
			63"	37"	6
		+120.0, -120.0	63"	37"	6
ALUMINUM OR STEEL	⑬	+72.0, -72.0	74"	42"	4
		+75.0, -75.0 TO +95.0, -95.0	55"	42"	4
			58"	40"	4
			63"	37"	4
		+100.0, -100.0 TO +115.0, -115.0	55"	42"	6
			58"	40"	6
			63"	37"	6
		+120.0, -120.0	63"	37"	6

SCHEDULE #8 (CONTINUED)					
SUBSTRATE	ANCHOR TYPE	MAX. ASD DESIGN PRESSURE RATING (psf.)	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	"n"
CONCRETE BLOCK	⑫ OR ⑫A	+72.0, -72.0	74"	42"	6
		+75.0, -75.0 TO +100.0, -100.0	55"	42"	6
			58"	40"	6
			63"	37"	6
		+105.0, -105.0 TO +115.0, -115.0	55"	42"	8
			58"	40"	8
			63"	37"	8
		+120.0, -120.0	63"	37"	8
WOOD	⑫ OR ⑫A	+72.0, -72.0	74"	42"	6
		+75.0, -75.0 TO +80.0, -80.0	55"	42"	4
			58"	40"	4
			63"	37"	4
		+85.0, -85.0 TO +115.0, -115.0	55"	42"	6
			58"	40"	6
			63"	37"	6
		+120.0, -120.0	63"	37"	6

* TOTAL NUMBER OF ANCHORS SHALL BE UNIFORMLY DISTRIBUTED AT (n/2) ANCHORS ABOVE & BELOW OF HORIZONTAL CENTER POST ③ AT JAMBS



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SHEET 31 OF 31

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1	OLD 20-279	09/12/23	3	-	-
2	-	-	4	-	-