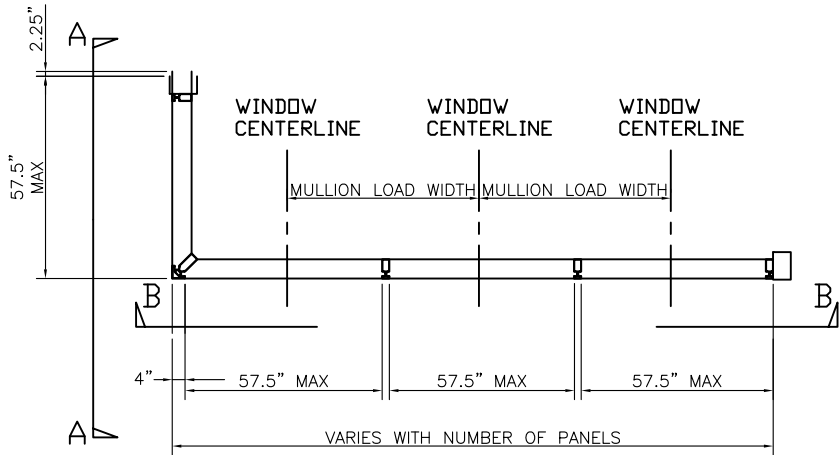
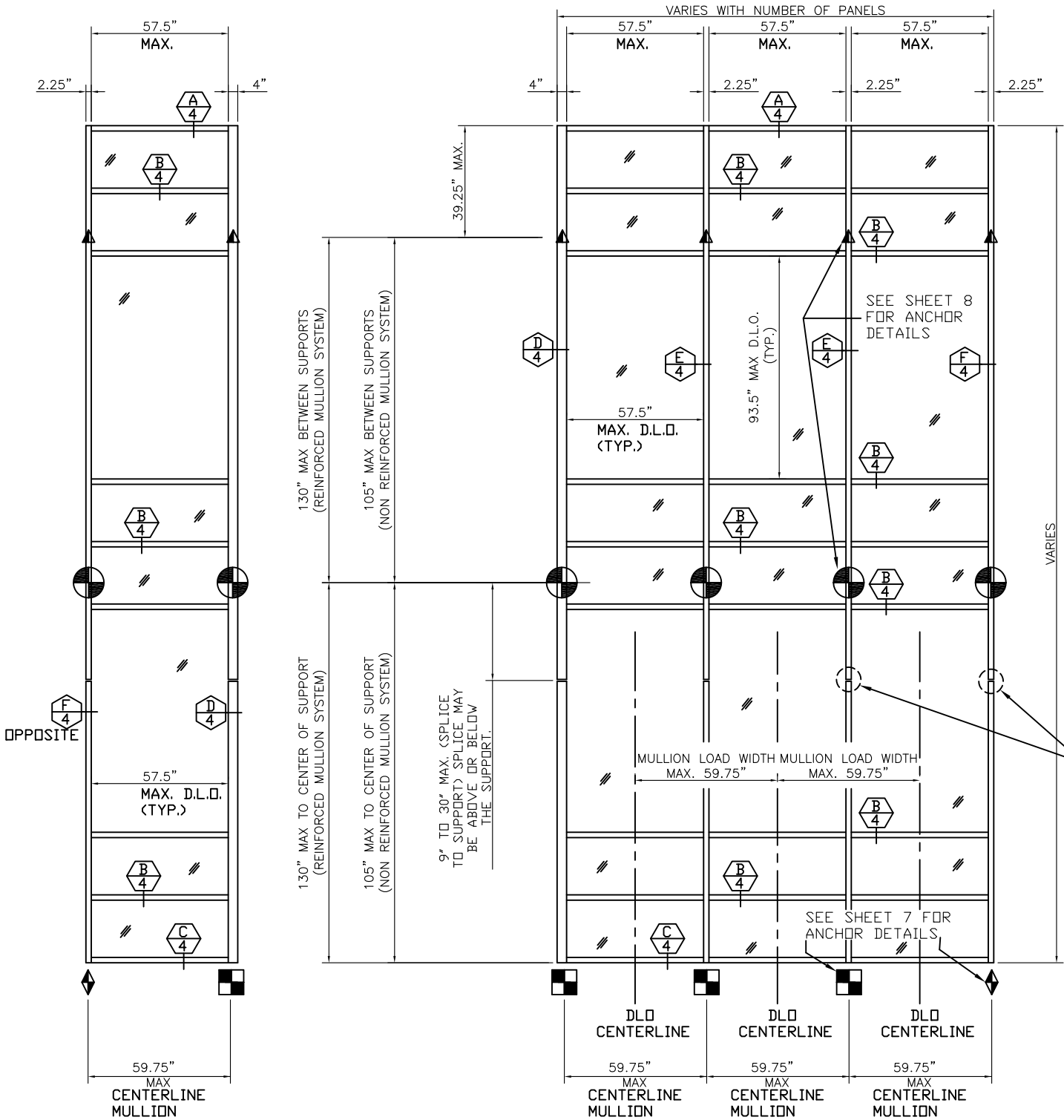


GENERAL NOTES

1. THIS CURTAIN WALL SYSTEM HAS BEEN TESTED TO TAS 201/202/203, AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE.
2. THE INSTALLED CURTAIN WALL SYSTEM SHALL BE FABRICATED, GLAZED, AND ANCHORED IN ACCORDANCE WITH THIS DRAWING AS WELL AS THE APPLICABLE TEST REPORTS. A FLORIDA LICENSED ENGINEER FAMILIAR WITH CURTAIN WALL DESIGN SHALL APPROVE SHOP DRAWINGS FOR EACH PROJECT, AND THIS ENGINEER OF RECORD SHALL TAKE FULL RESPONSIBILITY FOR THE INSTALLED SYSTEM DESIGN AS A WHOLE WHILE MAKING SURE THAT THE LIMITATIONS INDICATED IN THIS DRAWING HAVE NOT BEEN EXCEEDED.
3. THIS DRAWING INDICATES VARIOUS APPROVED GLAZING METHODS AND FRAMING TYPES WHICH MAY BE USED SINGLY OR IN COMBINATION FOR EACH PROJECT. ANY NUMBER OF PANELS MAY BE USED HORIZONTALLY PROVIDED THE MAXIMUM DLO SIZES AS INDICATED IN THIS DRAWING ARE NOT EXCEEDED.
4. THIS PRODUCT IS IMPACT RESISTANT AND DOES NOT REQUIRE THE USE OF APPROVED SHUTTERS IN WINDBORNE DEBRIS AREAS. SEE SHEET 5 FOR GLAZING TYPE LARGE AND/OR SMALL MISSILE IMPACT RATINGS.
5. REQUIRED DESIGN PRESSURES SHALL BE DETERMINED FOR EACH PROJECT IN ACCORDANCE WITH APPLICABLE CODE REQUIREMENTS AND GOVERNING WIND SPEEDS FOR THE PROJECT LOCATION.
6. THE ALLOWABLE DESIGN PRESSURE (ASD) RATINGS IN THIS DRAWING ARE AS LIMITED BY ASTM E-1300 GLASS TABLES, AND TESTED PRESSURES.
7. DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING BUT NOT LIMITED TO FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SUBSTRATES OR ALUMINUM, SHALL BE COATED OR OTHERWISE PROTECTED TO PREVENT CORROSION OR GALVANIC REACTIONS.
8. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT IS NOT WITHIN THE SCOPE OF THIS APPROVAL AND SHALL BE THE RESPONSIBILITY OF OTHERS.
9. THE 4/3 ALLOWABLE STRESS INCREASE HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM. THE 1.6 Cd FACTOR WAS USED IN THE ANALYSIS OF WOOD SUBSTRATE.
10. STRUCTURAL INTEGRITY OF SUBSTRATE MATERIALS TO RECEIVE THE LOADS FROM THIS PRODUCT TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
11. THIS PRODUCT SHALL BE INSTALLED USING ONE OF THE APPROVED FASTENING OR WELDING METHODS INDICATED IN THIS DRAWING, AS APPROPRIATE FOR THE SUBSTRATE TYPE, OR AS INDICATED IN THE APPROVED SHOP DRAWINGS.
12. MINIMUM ANCHOR EMBEDMENTS LISTED IN THIS DRAWING SHALL BE BEYOND WALL DRESSING OR STUCCO AND FULLY INTO SUBSTRATE.
13. SUBTRATES SHALL MEET THE MINIMUM REQUIREMENTS AS SHOWN IN THE FASTENER TABLE ON SHEET 6.



PLAN VIEW
CURTAIN WALL WITH MULTIPLE VERTICAL SPANS
N.T.S.

SEE "SPLICE DETAIL"
ON SHEET 5
NOTE: SPLICE MAY BE
ABOVE OR BELOW
SUPPORT

- ◆ = F ANCHOR
- = M ANCHOR
- ◐ = DEAD LOAD ANCHOR
- ▲ = WIND LOAD ANCHOR
- ⊙ = DOOR JAMB MULLION SHEAR BLOCK ANCHOR

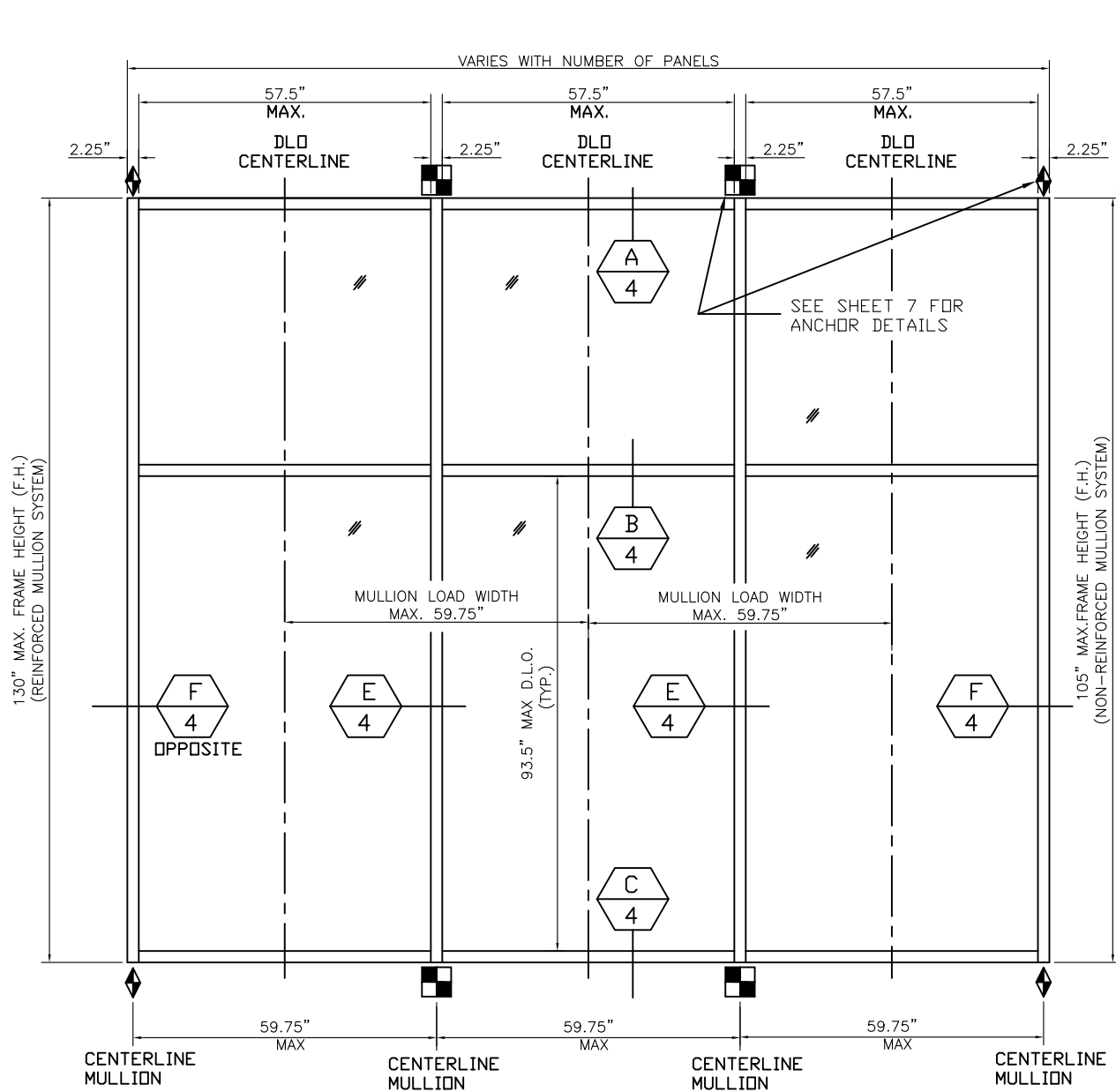
Lucas Turner
2023.10.12
20:31:24
-05'00'



DRAWING INDEX	
SHEET	DESCRIPTION
1-3	SAMPLE ELEVATIONS
4-5	SECTION DETAILS
5	GLAZING DETAILS
6	ALLOWABLE FASTENERS, DESIGN PRESSURE TABLE
7-8	ANCHOR DETAILS
8-9	PROFILE DRAWINGS
9	BILL OF MATERIALS

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY TKEE/LAT	SCALE NTS	REV. □	 EFCO CORPORATION 1000 County Road - Monett, Missouri 65708	6" DEEP SERIES 5600 LARGE AND SMALL MISSILE IMPACT CURTAIN WALL SYATEM	DWG# 5600-FPA-6"	SHEET 1 of 9
DATE 10-5-2022						



EXTERIOR ELEVATION
CURTAIN WALL WITH SINGLE VERTICAL SPAN
N.T.S.

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A SINGLE SPAN APPLICATION. ALL SINGLE SPAN APPLICATIONS ARE LIMITED BY EACH THE D.L.O. SIZES OF THE LITES & THE HEIGHT/SPAN SHOWN. IF REQUIRED HEIGHT EXCEEDS THAT SHOWN IN THIS ELEVATION, THE SYSTEM MUST BE SUPPORTED AS TWO OR MORE SPANS PER THE MULTIPLE SPAN ELEVATION.

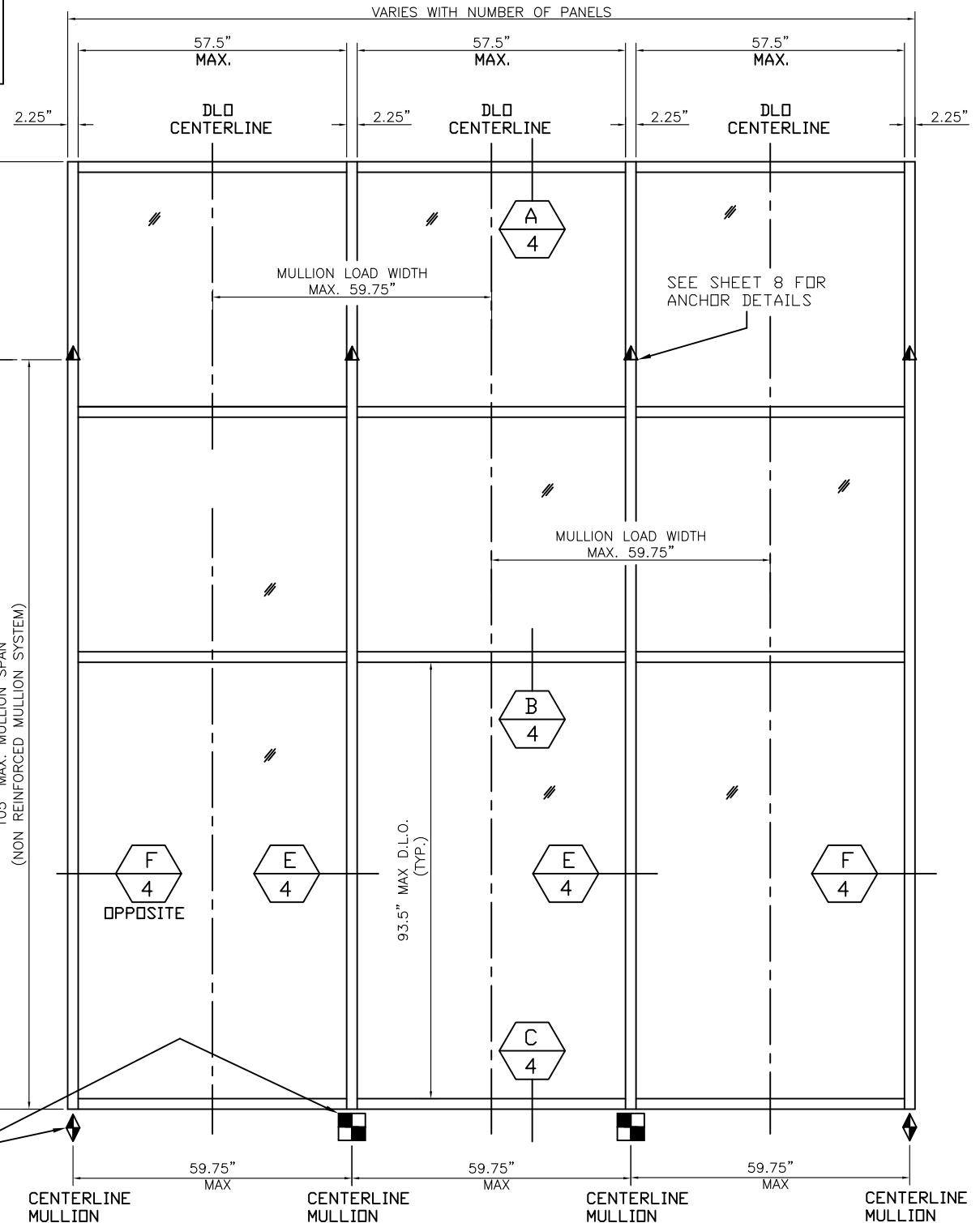
NOTE: THE ELEVATIONS ON THIS SHEET MAY HAVE A 90 DEGREE TURN AS SHOWN ON SHEET 1 ELEVATION OF THE MULTI-SPAN SYSTEM. REF. VIEW "A-A" ON SHEET 1 FOR DETAIL.

MAX. FRAME HEIGHT (F.H.)
(169.25" @ REINF./144.25 @ NON-REINF.)

130" MAX. MULLION SPAN
(REINFORCED MULLION SYSTEM)

105" MAX. MULLION SPAN
(NON REINFORCED MULLION SYSTEM)

SEE SHEET 7 FOR
ANCHOR DETAILS

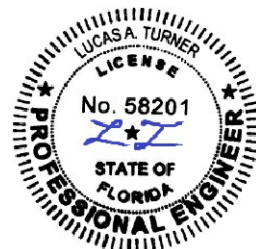


EXTERIOR ELEVATION
CURTAIN WALL WITH SINGLE VERTICAL SPAN AND CANTELEVER
N.T.S.

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM IN A SINGLE SPAN APPLICATION. ALL SINGLE SPAN APPLICATIONS ARE LIMITED BY EACH THE D.L.O. SIZES OF THE LITES & THE HEIGHT/SPAN SHOWN. IF REQUIRED HEIGHT EXCEEDS THAT SHOWN IN THIS ELEVATION, THE SYSTEM MUST BE SUPPORTED AS TWO OR MORE SPANS PER THE MULTIPLE SPAN ELEVATION.

- = F ANCHOR
- = M ANCHOR
- = DEAD LOAD ANCHOR
- = WIND LOAD ANCHOR
- = DOOR JAMB MULLION SHEAR BLOCK ANCHOR

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PH. 941-380-1574



EFCO CORPORATION
1000 County Road - Monett, Missouri 65708

6" DEEP SERIES 5600 LARGE AND SMALL
MISSILE IMPACT CURTAIN WALL SYATEM

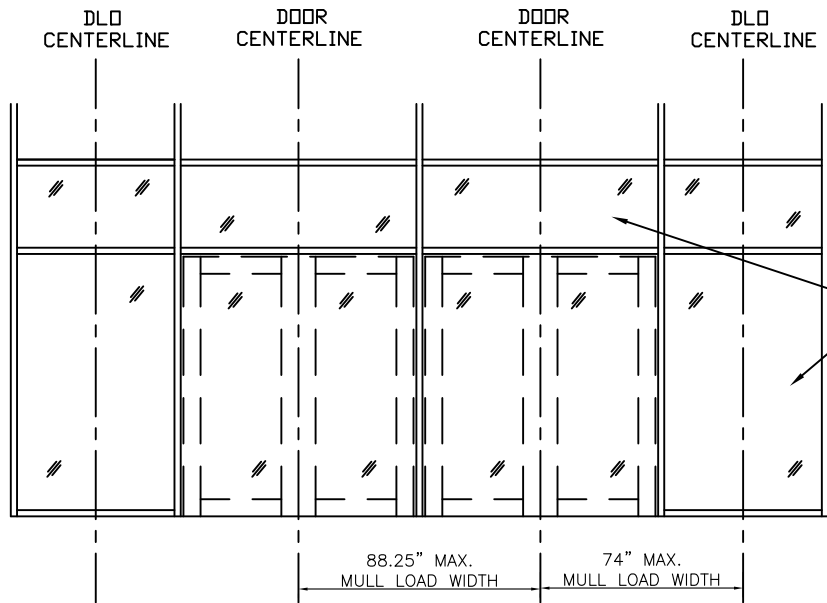
DWG#
5600-FPA-6"

SHEET
2 of 9

DRAWN BY TKEE/LAT
DATE 10-5-2022

SCALE
NTS

REV.
☐



ELEVATION
NOT TO SCALE
(2 SIDE BY SIDE DOUBLE DOORS IN CURTAIN WALL)

NOTE: CONDITIONS SHOWN
ALSO APPLY TO SINGLE
PANEL DOOR CONDITIONS.

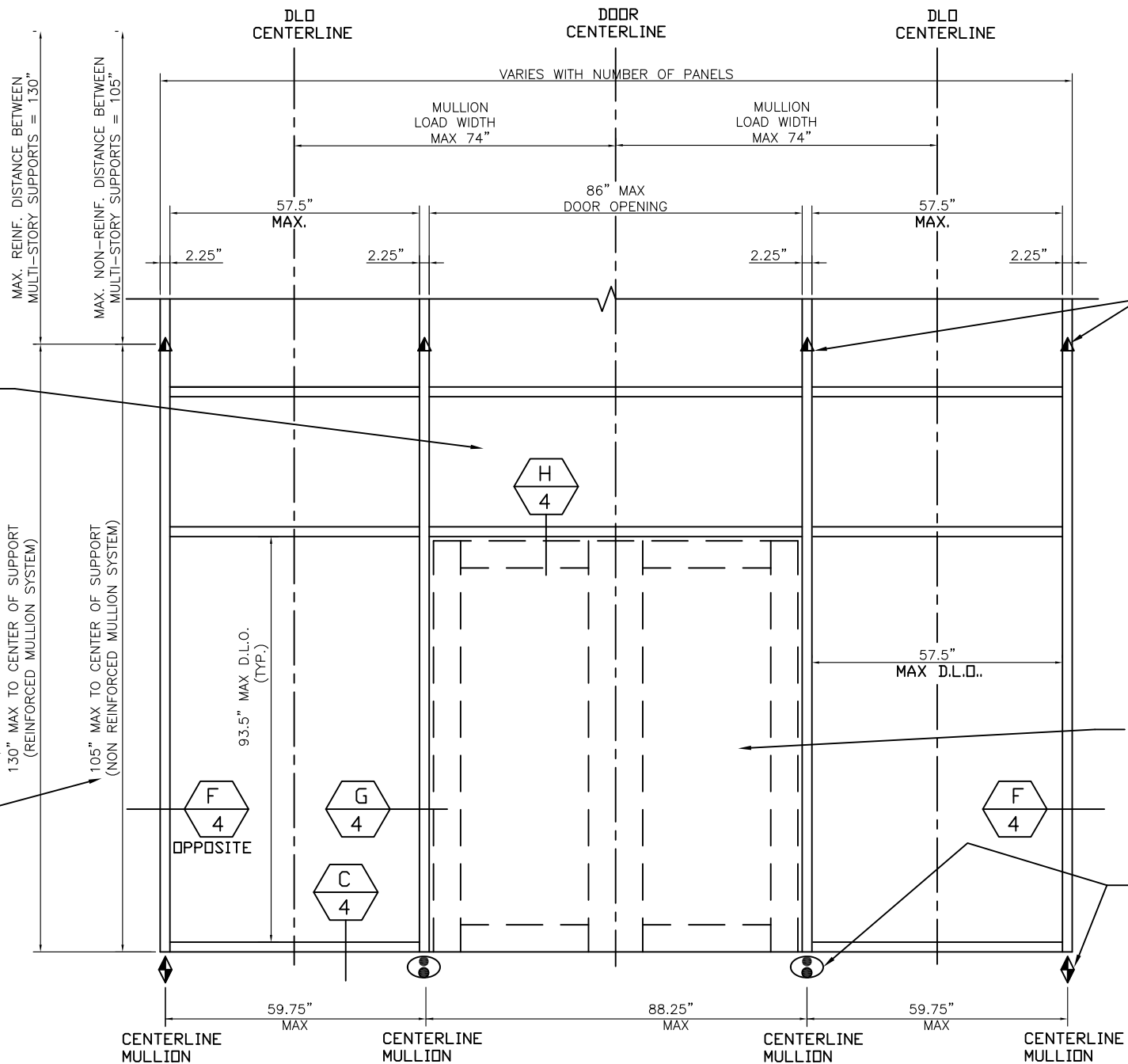
NOTE: THE ELEVATION ON THIS SHEET
MAY HAVE A 90 DEGREE TURN AS
SHOWN ON SHEET 1 ELEVATION OF
THE MULTI-SPAN SYSTEM. REF. VIEW
"A-A" ON SHEET 1 FOR DETAIL.

- = F ANCHOR
- = M ANCHOR
- = DEAD LOAD ANCHOR
- = WIND LOAD ANCHOR
- = DOOR JAMB MULLION
SHEAR BLOCK ANCHOR

NOTE: ALL WINDOW D.L.O.'S ARE
RESTRICTED BY THE 57.5" & 93.5"
SHORT & LONG DIMENSIONS AS WITH
THE OTHER ELEVATIONS

NOTE: WINDOW D.L.O.
ABOVE DOOR IS
RESTRICTED BY THE
57.5" & 93.5" SHORT
& LONG DIMENSIONS
AS WITH THE SIDE
WINDOWS.

THIS DIMENSION ALSO APPLIES
TO SINGLE VERTICAL SPAN
CONDITION AS THE MAX. HEIGHT.



SEE SHEET 8
FOR ANCHOR
DETAILS

DOOR SYSTEM (BY
EFCO OR OTHERS)
& ATTACHMENT TO
CURTAIN WALL
UNDER SEPARATE
APPROVAL

SEE SHEETS 5
AND 7 FOR
ANCHOR DETAILS.

EXTERIOR ELEVATION
CURTAIN WALL WITH DOOR
NOT TO SCALE

NOTE: THIS ELEVATION SHOWS THE 5600 CURTAIN WALL SYSTEM
IN A MULTI-STORY APPLICATION WITH A DOOR OPENING.
DIMENSIONAL RESTRICTIONS ARE AS SHOWN IN THE ELEVATION.
FOR THE AREA ABOVE THE DOOR AND FOR SINGLE SPAN
MULLION CONDITION, REFERENCE OTHER SECTIONS.



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EFCO CORPORATION
1000 County Road - Monett, Missouri 65708

6" DEEP SERIES 5600 LARGE AND SMALL
MISSILE IMPACT CURTAIN WALL SYATEM

DWG#
5600-FPA-6"

SHEET
3 of 9

DRAWN BY TKEE/LAT
DATE 10-5-2022

SCALE
NTS

REV.

BACKER ROD & SEALANT BY OTHERS

AS REQ'D FOR EXPANSION &
CONTRACTION OF FRAME.

SECTION D

SCALE: 1/2 FULL

SEE GLAZING DETAILS ON SHEETS 4 AND 5

(SEE ANCHOR DETAILS ON SHEET
5,7,&8 FOR ANCHOR PROJECTIONS NOT
SHOWN IN THIS VIEW.)

GLAZING DETAIL BELOW SHOWS
MIDDLE MULLION. GLAZING AT
EDGE MULLIONS & CORNER
MULLIONS IS THE SAME.

$\frac{3}{16}$ " SINGLE PANE
 $\frac{7}{16}$ " LAMINATED GLASS
 DOW 995 STRUCTURAL SILICONE OR EQUAL.
 ISOLATOR 90 DUROMETER PVC
 5882
 WEO2
 HING1
 WVB0
 WVB7
 WVB7
 23
 25
 27
 30
 6
 3
 4
 5
 .3/4"
 MIN. BITE (TYP.)
 1"
 1
 2

LARGE OR SMALL MISSILE
GLAZING DETAIL (LAMINATED GLASS
WITH DRY/WET GLAZING)

GLASS "A": 1" I.G. GLASS: $\frac{7}{16}$ " SAF-GLAS AT INBOARD LIGHT, $\frac{3}{8}$ " AIR GAP & $\frac{3}{16}$ " HT. ST. OR
TEMPERED SINGLE PANE GLASS AT OUTBOARD LIGHT ($\frac{7}{16}$ " SAF-GLAS = $\frac{3}{16}$ " HT. ST./0.011
ALIPHATIC URETHANE/0.07 POLYCARBONATE/0.011 ALIPHATIC URETHANE $\frac{3}{16}$ " HT. ST.)

GLASS "B": 1" I.G. GLASS: $\frac{7}{16}$ " OLDCASTLE GLASS AT INBOARD LIGHT, $\frac{3}{8}$ " AIR GAP & $\frac{3}{16}$ " HT. ST. OR TEMPERED SINGLE PANE GLASS AT OUTBOARD LIGHT ($\frac{7}{16}$ " OLDCASTLE = $\frac{3}{16}$ " HT. ST./0.075 STORMGLASS/ $\frac{3}{16}$ " HT.ST.)

SEE GLAZING
DETAILS ON
SHEETS 4 AND 5

(SEE ANCHOR DETAILS ON SHEET
5,7,&8 FOR ANCHOR PROJECTIONS NOT
SHOWN IN THIS VIEW.)

8

31

1B

31

BACKER ROD & SEALANT BY OTHERS

EXTERIOR

6

30

3

SECTION F

SCALE: 1/2 FULL

4

(SEE ANCHOR DETAILS ON SHEET
5,7,&8 FOR ANCHOR PROJECTIONS NOT
SHOWN IN THIS VIEW.)

DOOR FRAMING AND ATTACHMENT TO CURTAIN WALL UNDER SEPARATE APPROVAL.

EXTERIOR

SECTION G

SCALE: 1/2 FULL

4

DOOR FRAMING AND
ATTACHMENT TO
CURTAIN WALL UNDER
SEPARATE APPROVAL.

6

4

30

EXTERIOR

1A

DOOR FRAMING AND ATTACHMENT TO CURTAIN WALL UNDER SEPARATE APPROVAL.

SECTION H

SCALE: 1/2 FULL

4

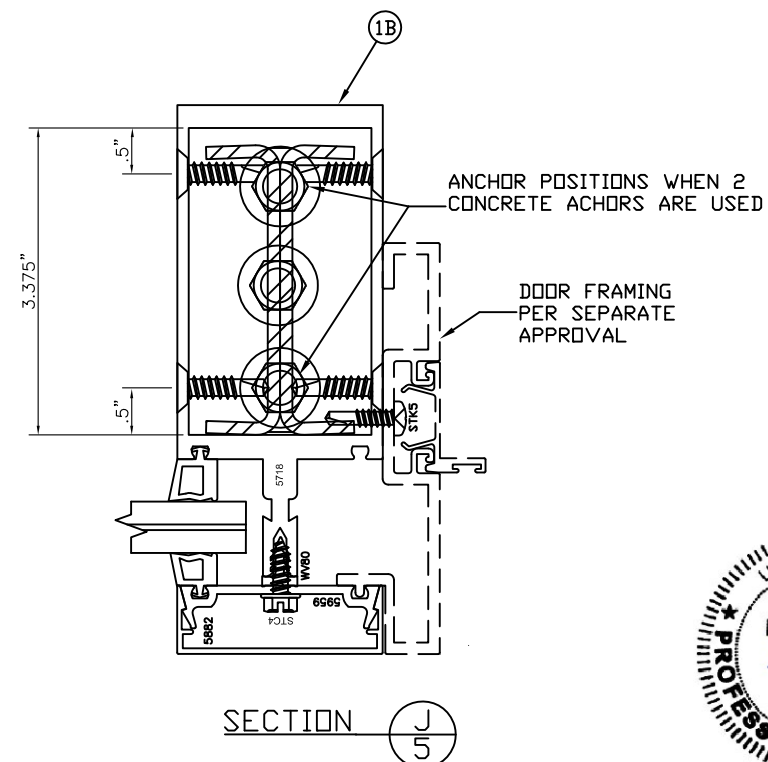
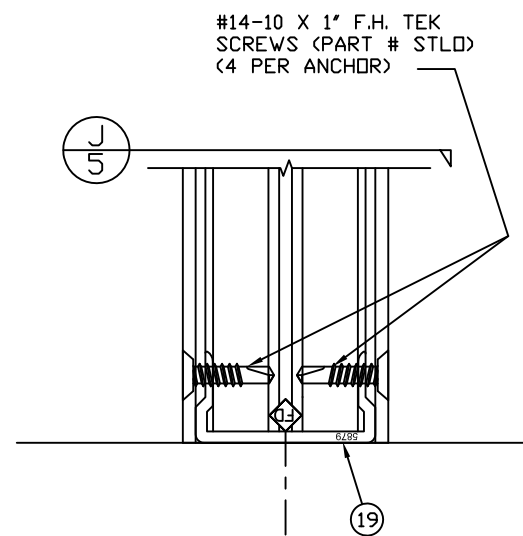
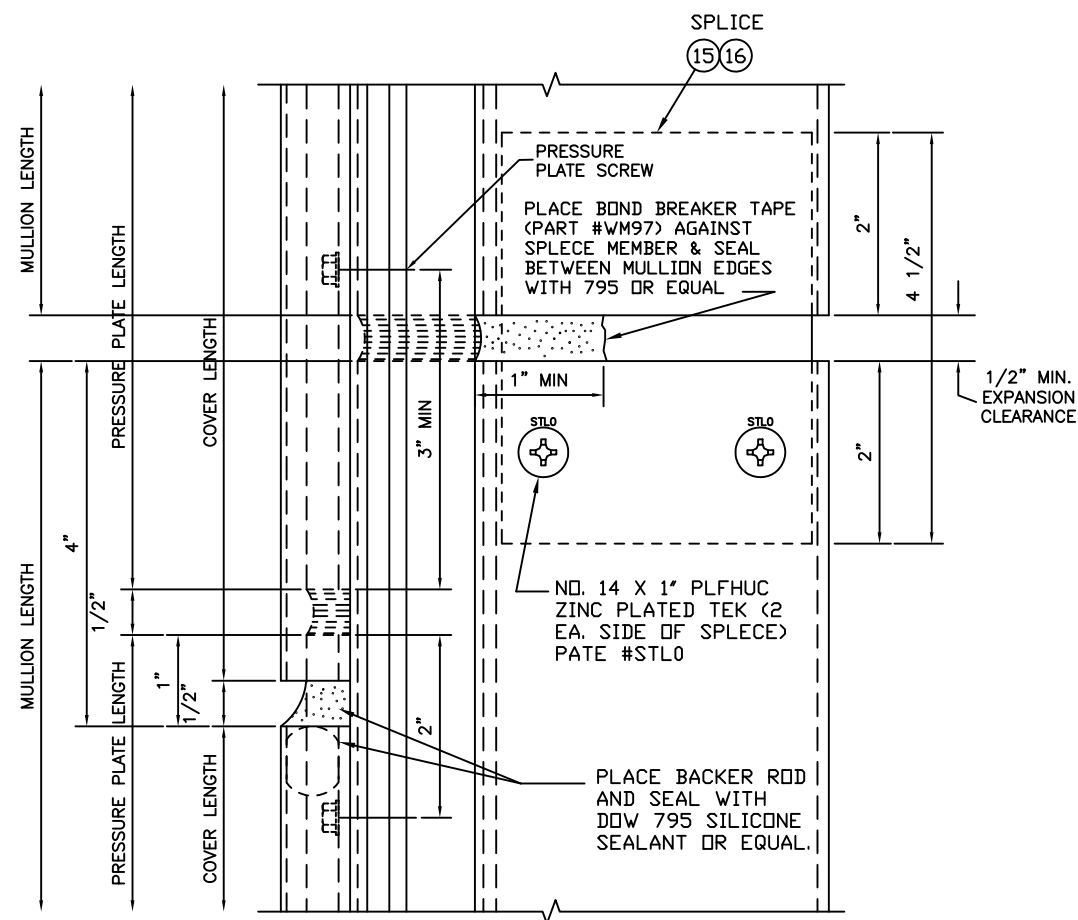
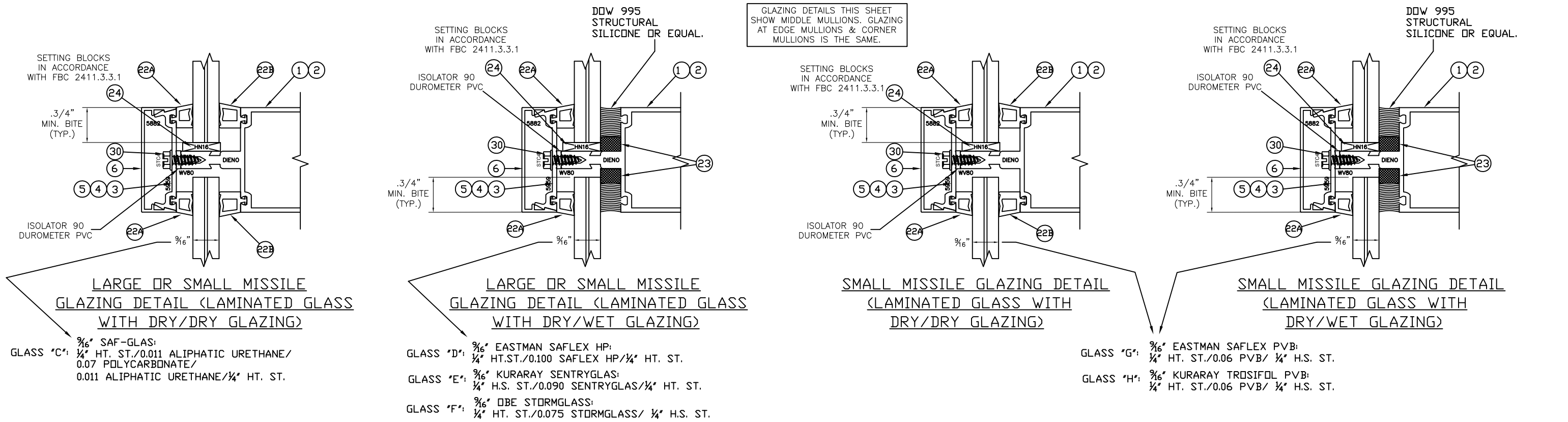
DOOR FRAMING AND
ATTACHMENT TO
CURTAIN WALL UNDER
SEPARATE APPROVAL.

SECTION	H
SCALE: 1/2" = 1'-0"	4

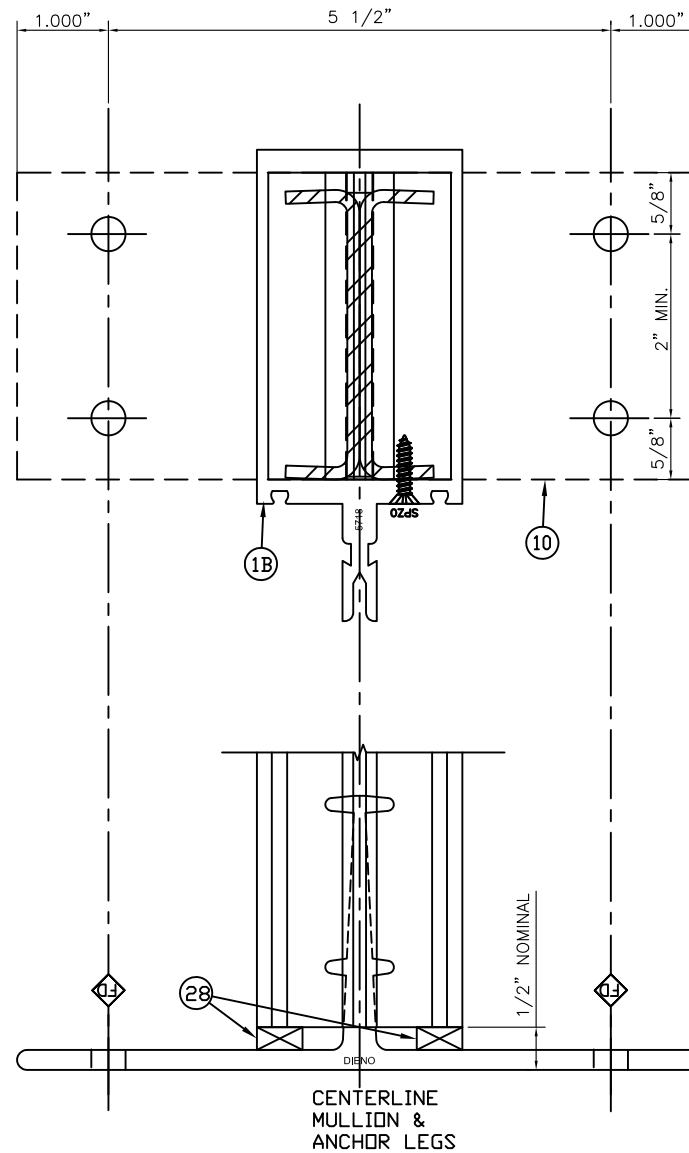
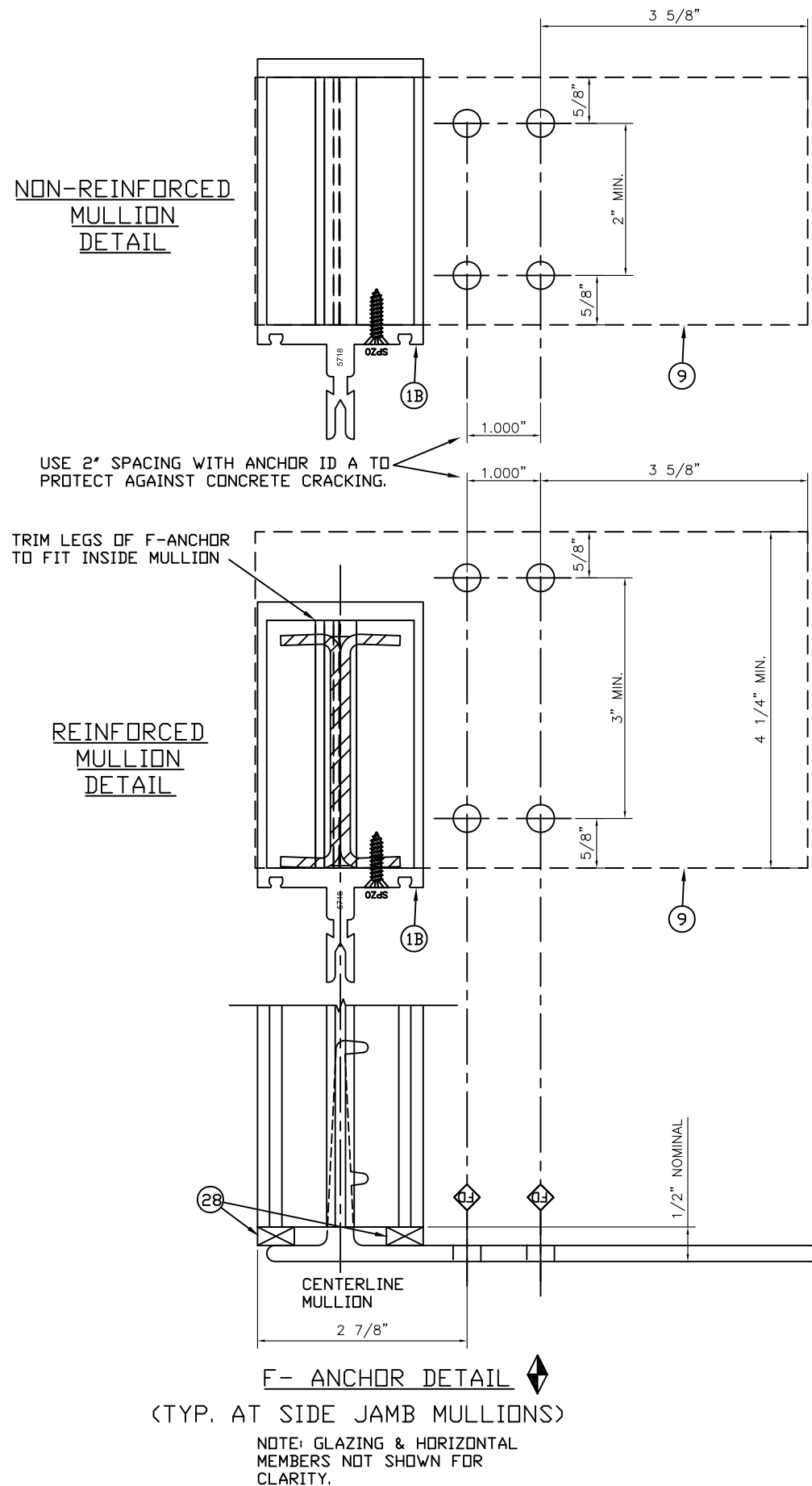
NOTE: WHEN I.G. GLASS IS TO BE INSTALLED IN SMALL MISSILE IMPACT ZONES OF A BUILDING OR WHEN GLASS SAFETY REQUIREMENTS OF FBC MUST BE MET, THE OUTBOARD SINGLE PANE GLASS MUST BE TEMPERED.



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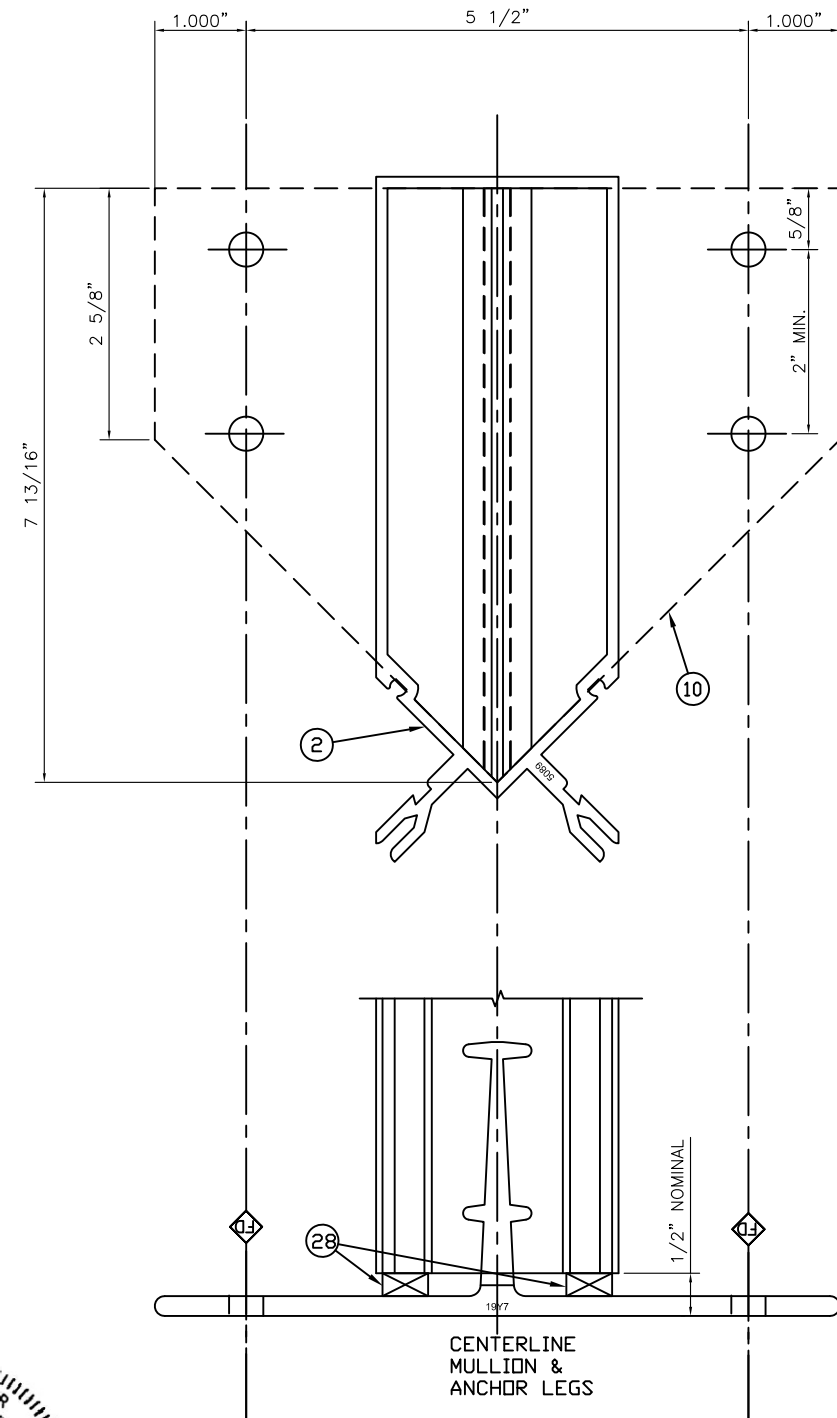
M- ANCHOR DETAIL ■

(TYP. AT INTERMEDIATE MULLIONS)

NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.



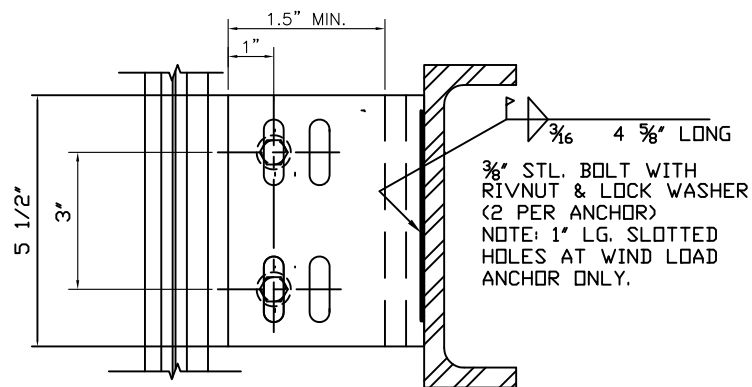
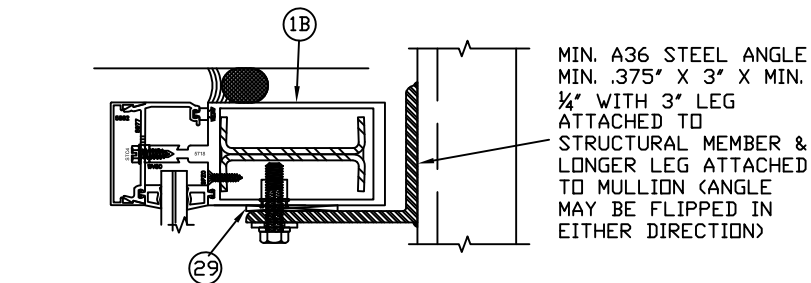
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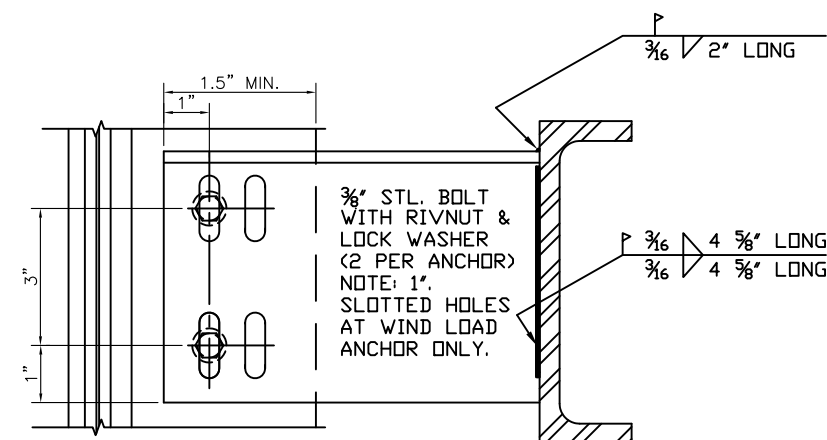
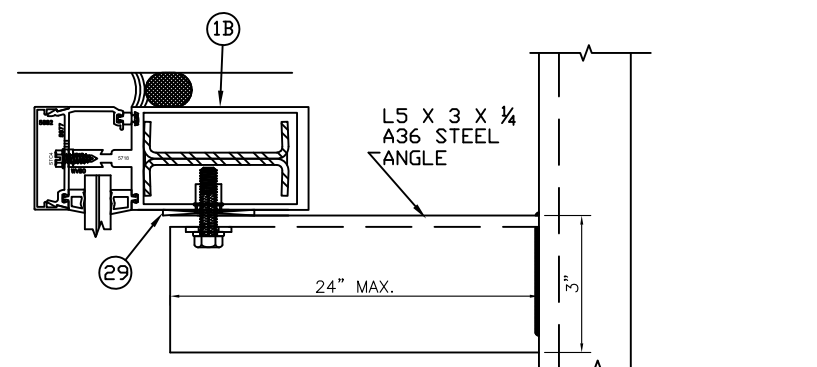
M- ANCHOR DETAIL ■

(TYP. AT CORNER MULLIONS)

NOTE: GLAZING & HORIZONTAL MEMBERS NOT SHOWN FOR CLARITY.

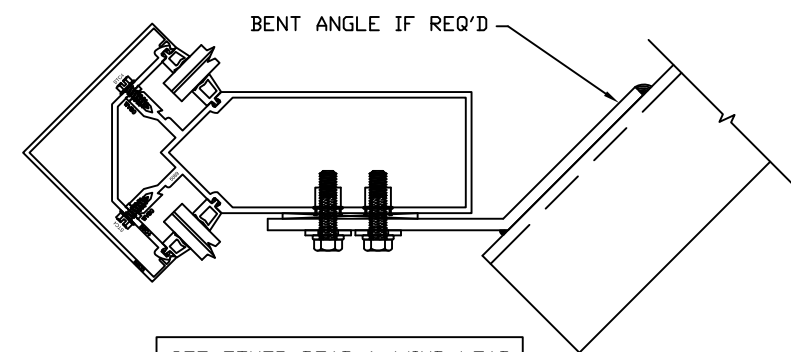


● DEAD LOAD & ▲ WIND LOAD ANCHOR DETAIL
(TYP. AT JAMB MULLIONS)
WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)

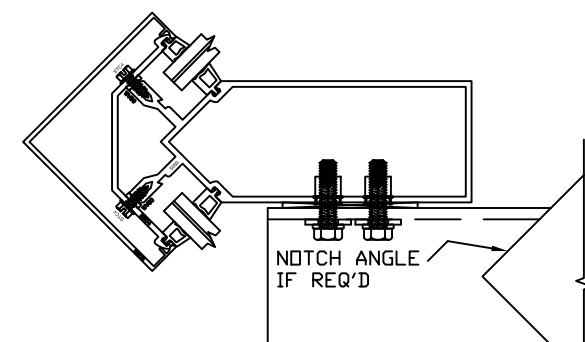


● EXTENDED DEAD LOAD & ▲ WIND LOAD ANCHOR DETAIL
(TYP. AT JAMB MULLIONS)
WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)

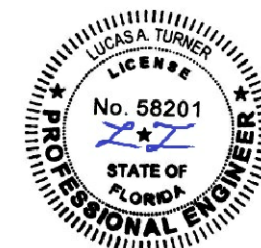
NOTE: DEAD LOAD & WIND LOAD ANCHOR DETAILS ARE
SAME AT CORNER MULLION.



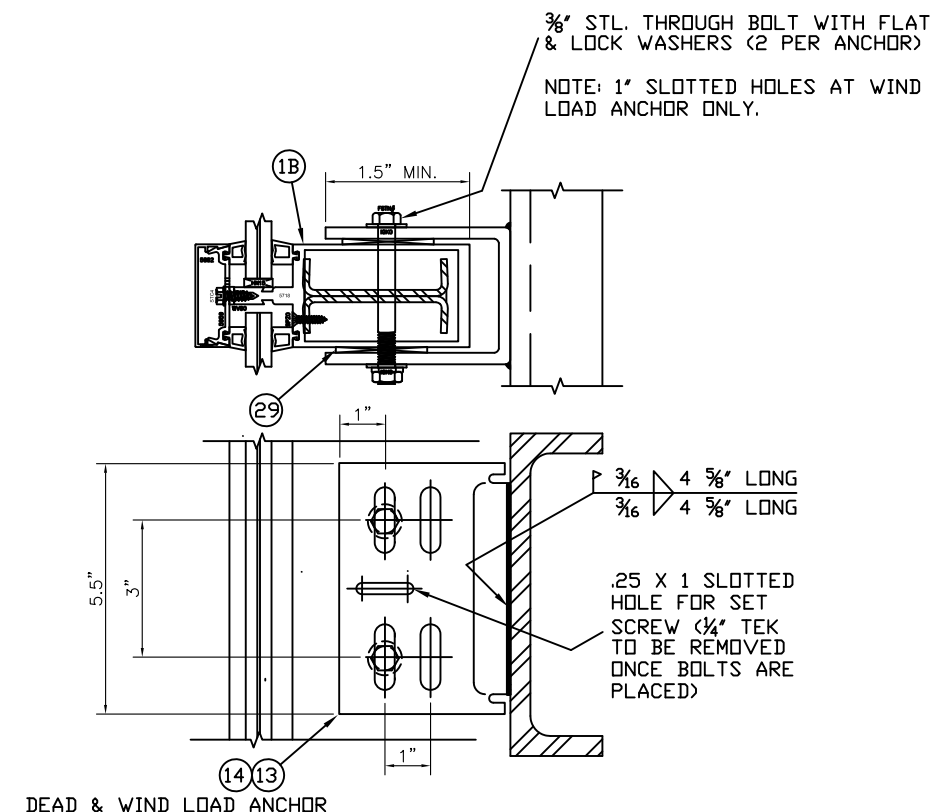
SEE OTHER DEAD & WIND LOAD
ANCHOR DETAILS FOR ALL
DETAIL NOT SHOWN.



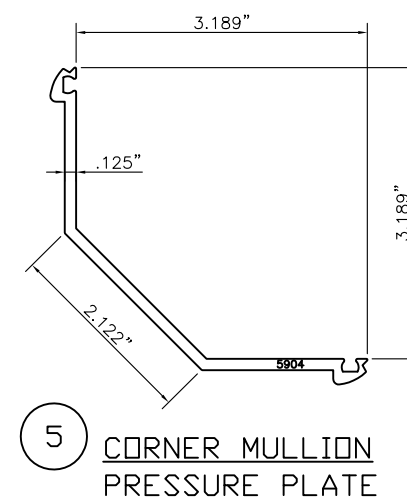
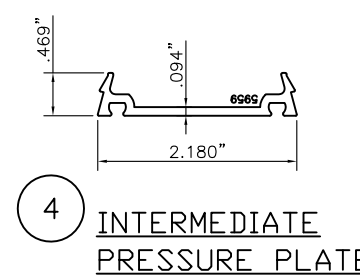
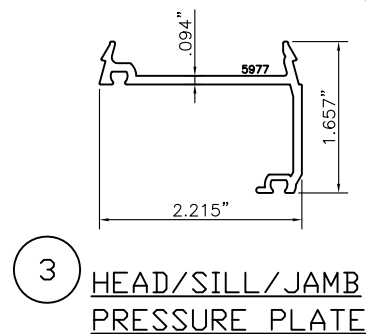
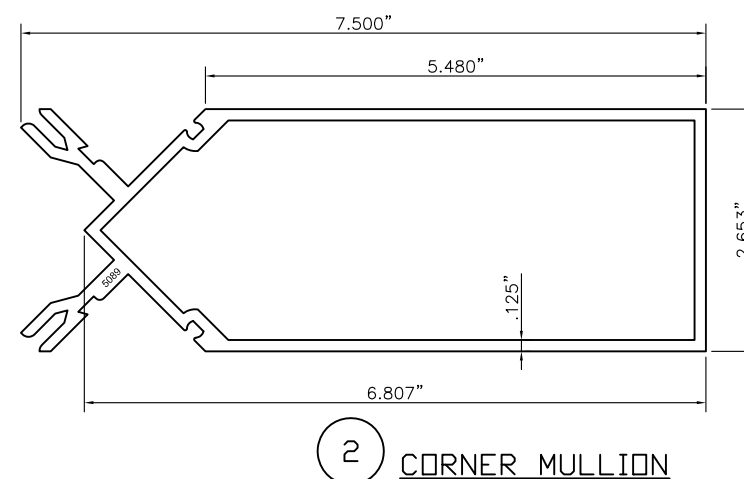
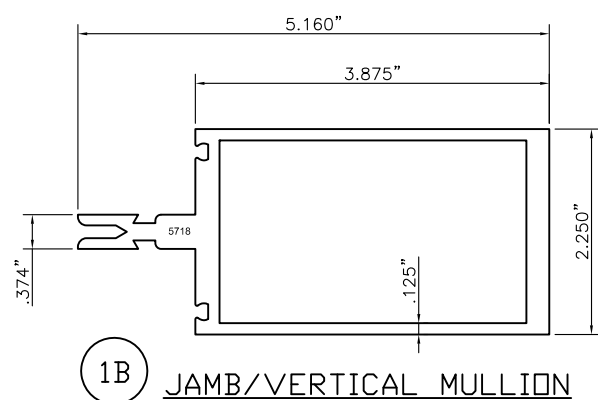
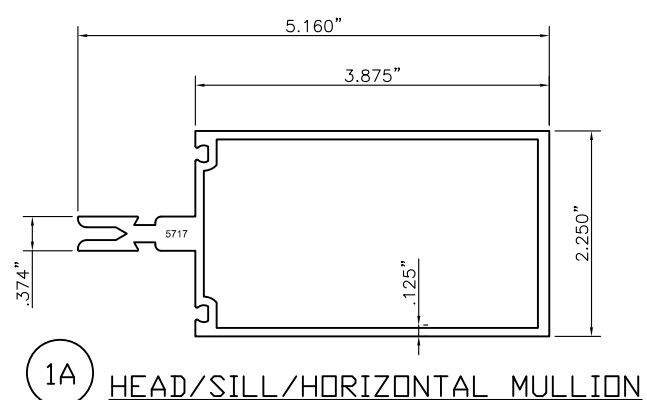
● DEAD LOAD & ▲ WIND LOAD
ANCHOR DETAIL
(TYP. AT CORNER MULLS)

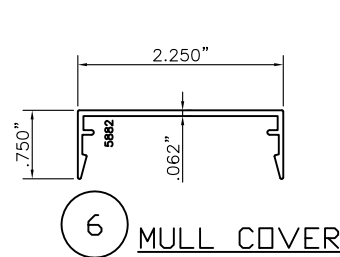


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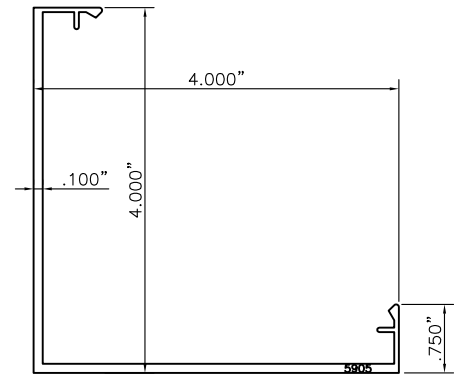


● DEAD LOAD & ▲ WIND LOAD ANCHOR DETAIL
(TYP. AT INTERMEDIATE VERTICAL MULLIONS)
WIND LOAD ANCHOR HAS 1" LONG SLOTS FOR VERTICAL MOVEMENT)

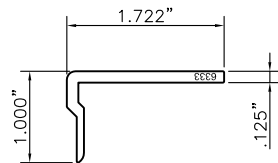




6 MULL COVER

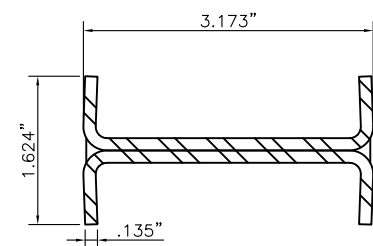


7 CORNER MULL COVER

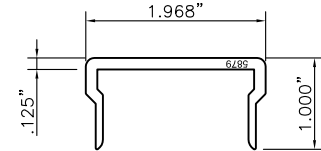


17 HEAD/SILL SHEAR BLOCK

LENGTH= 3.438' @ MID & JAMB MULLS & 5.687' @ CORNER MULLS (ENDS ARE MITERED 45 DEG. AT CORNER MULLIONS)

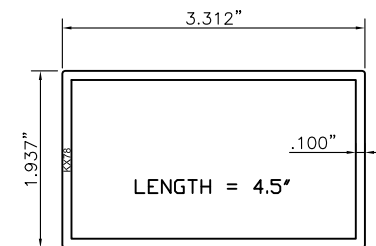


8 MULLION REINFORCEMENT

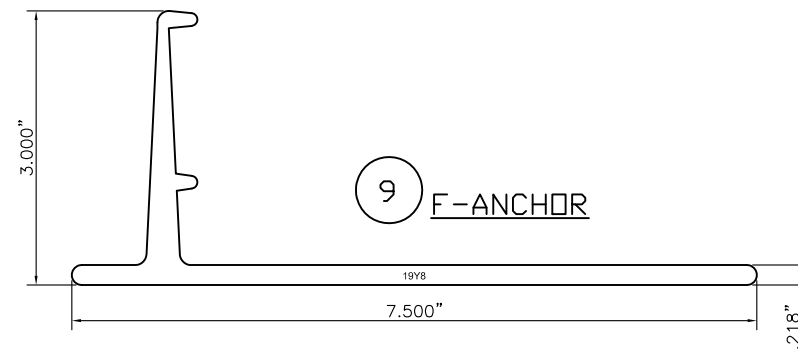


19 INT. MULL SHEAR BLOCK & DOOR JAMB MULL SHEAR BLOCK ANCHOR

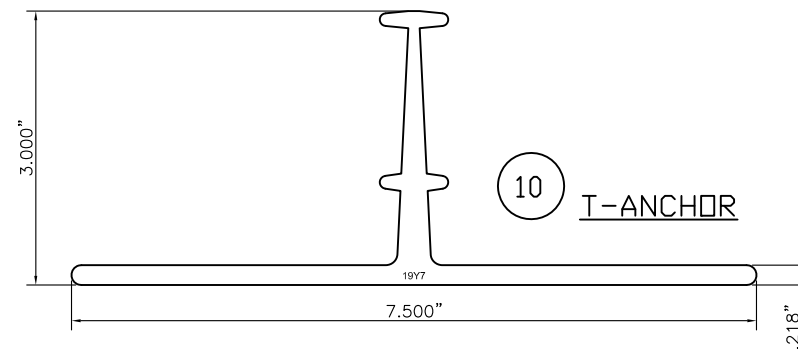
LENGTH= 3.438' @ MID & JAMB MULLS & 5.687' @ CORNER MULLS (ENDS ARE MITERED 45 DEG. AT CORNER MULLIONS)



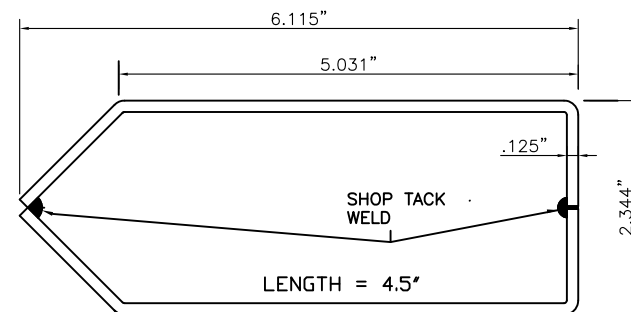
15 MULLION SPLICE



9 F-ANCHOR

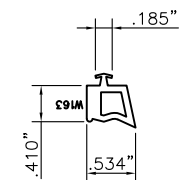
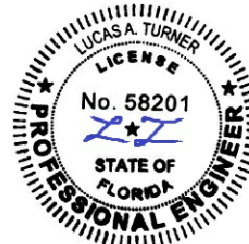


10 T-ANCHOR

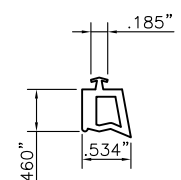


16 CORNER MULLION SPLICE

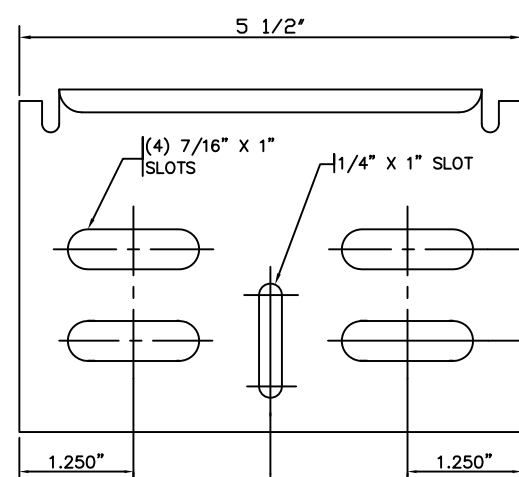
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PH. 941-380-1574



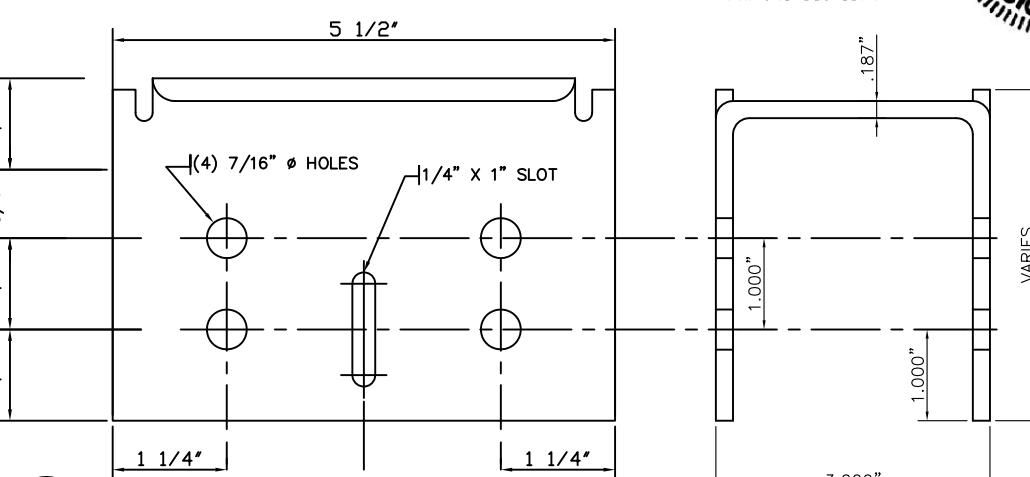
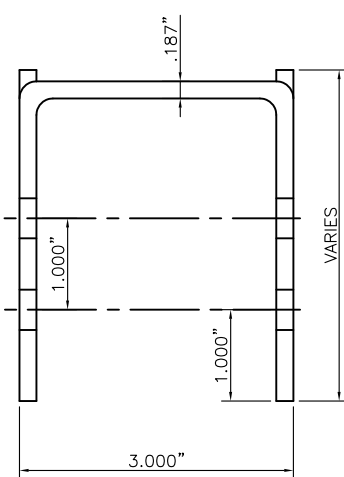
22A EXTERIOR DRY GLAZING GASKET



22B INTERIOR DRY GLAZING GASKET



14 WIND LOAD ANCHOR



13 DEAD LOAD ANCHOR

ITEM	PART #	DESCRIPTION	MAT'L/NOTES
1A	5717	HEAD/SILL/INTERMED. HORIZONTAL MULLION	6063-T6 ALUM.
1B	5718	JAMB/INTERMEDIATE VERTICAL MULLION	6063-T6 ALUM.
2	5089	CORNER MULLION	6063-T6 ALUM.
3	5977	JAMB PRESSURE PLATE	6063-T6 ALUM.
4	5959	MIDDLE MULLION PRESSURE PLATE	6063-T6 ALUM.
5	5904	CORNER MULLION PRESSURE PLATE	6063-T6 ALUM.
6	5882	MULLION COVER	6063-T6 ALUM.
7	5905	CORNER MULLION COVER	6063-T6 ALUM.
8	S5718A	DOUBLE CHANNEL MULL REINF.	A36 MIN. STEEL
9	19Y8	F-ANCHOR	6063-T6 ALUM.
10	19Y7	M-ANCHOR	6063-T6 ALUM.
11			
12			
13		DEAD LOAD ANCHOR	A36 MIN. STEEL
14		WIND LOAD ANCHOR	A36 MIN. STEEL
15	KX78	MULLION SPLICE	6063-T6 ALUM.
16	KY65	CORNER MULLION SPLICE	A36 MIN. STEEL
17	KY47/KY48 6333	HEAD/SILL SHEAR BLOCK	6063-T6 ALUM.
18	KT52/KT53 6333	HEAD/SILL SHEAR BLOCK (CORNER MULL)	6063-T6 ALUM.
19	KW02/5879	INT. MULL SHEAR BLOCK	6063-T6 ALUM.
20	KW06/5879	INT. MULL SHEAR BLOCK (CORNER MULL)	6063-T6 ALUM.
SEALS SEALANTS & SHIMS			
21	WEP7	3/8" SILICONE SPACER	SILICONE
22A	W163	EXTERIOR DRY GLAZING GASKET (DUROMETER = 60 +/- 4)	EPDM
22B	W162	INTERIOR DRY GLAZING GASKET (DUROMETER = 60 +/- 4)	EPDM
23	WM88	3/16" X 7/16" V2100	PU FOAM
24	HN16	.187" X .812" X 4" GLAZING BLOCK	EPG
25	WNC8	1/8" PRESET 70 DUROMETER EPDM	EPDM
26	WM87	3/16" X 1/4" V2100	PU FOAM
27	HN91	0.187" X 1" X 4" GLAZING BLOCK	EPG
28	HS01	POLYSTYRENE SHIM	POLYSTYRENE
29	HS01	POLYSTYRENE SHIM	POLYSTYRENE
MISCELLANEOUS FASTENERS			
30	STC4	#12-11 X 5/8 HW- -SMS 18-8 A	6" D.C.
31	SPZ0	#8-15 X 3/4 PL-FH-SMS ZC AB	3/MULL REINF.