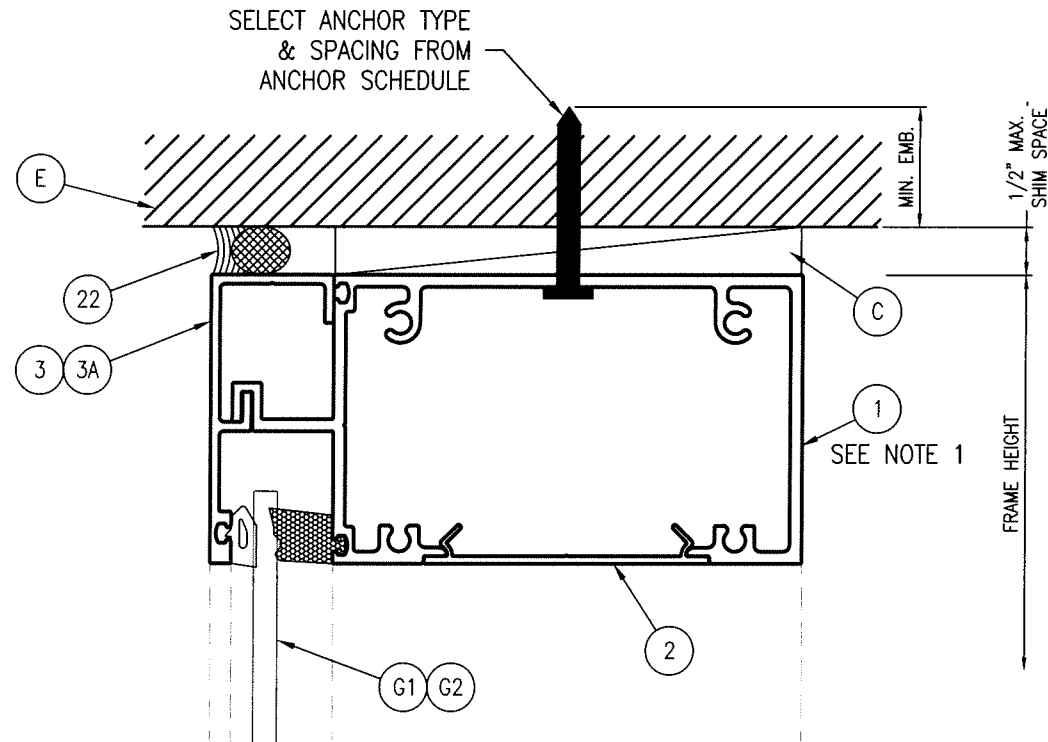


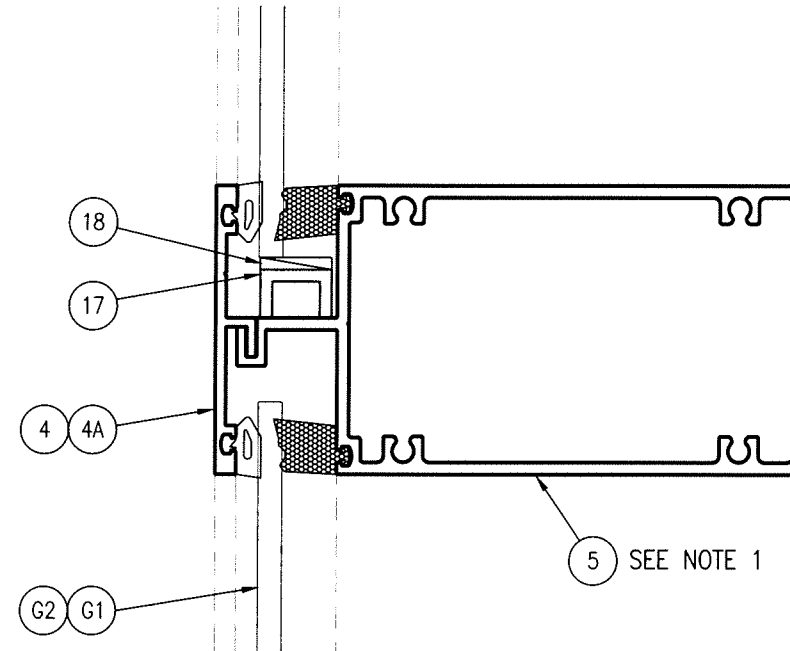
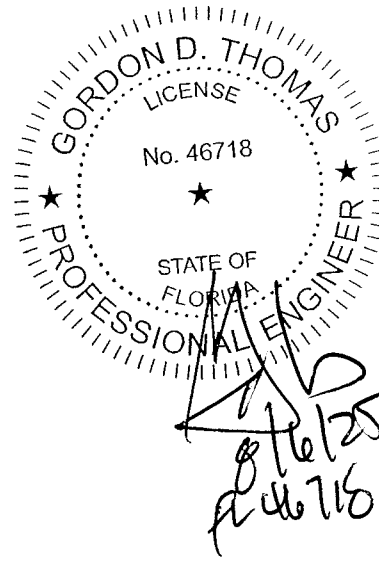
4	7/14/25	UPDATE TO 8TH ED.	(2023)	FBC	ECV
3	9/21/20	UPDATE TO 7TH ED.	(2020)	FBC	JCB
2	2/01/19	UPDATE TO 6TH ED.	(2017)	FBC	ECV
1	2/17/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS
NO	DATE	DESCRIPTION		BY	
REVISIONS					
DATE: 8/23/12					
SCALE: N.T.S					
DWG. BY: CO					
CHK BY: ECV					
DRAWING NO.: FL-15891.11					
SHEET: 1 OF 7					



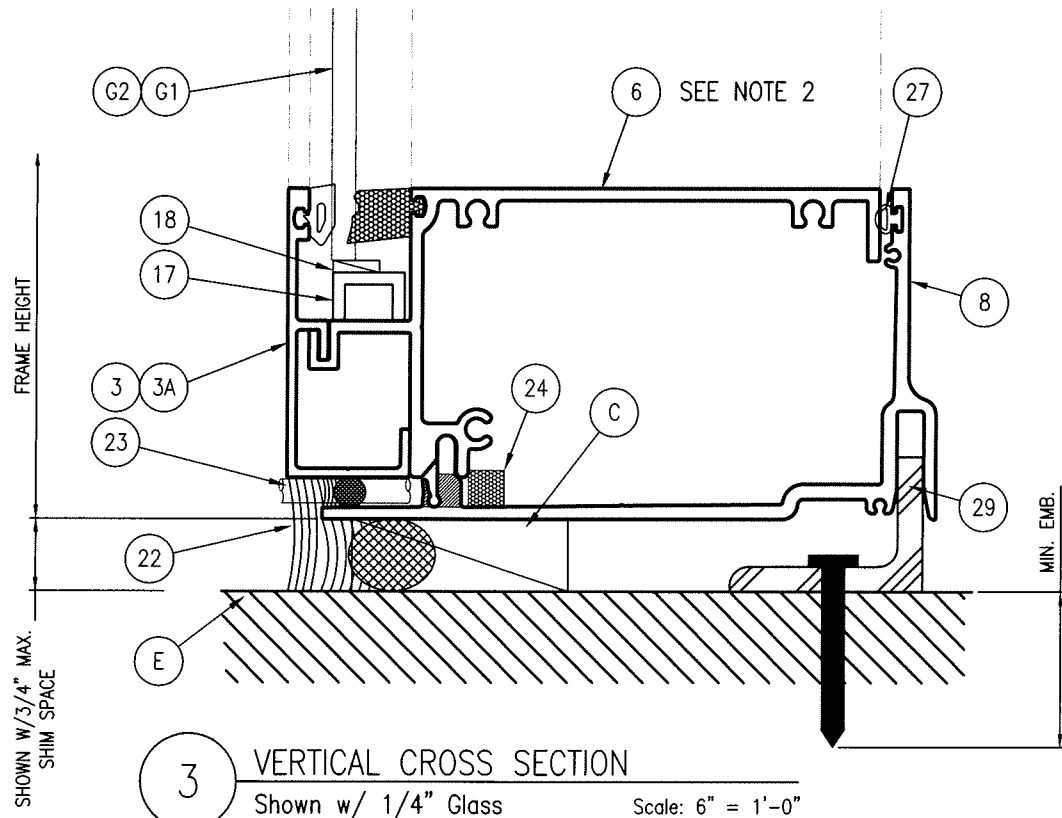
1 VERTICAL CROSS SECTION
Shown w/ 1/4" Glass Scale: 6" = 1'-0"

NOTES:

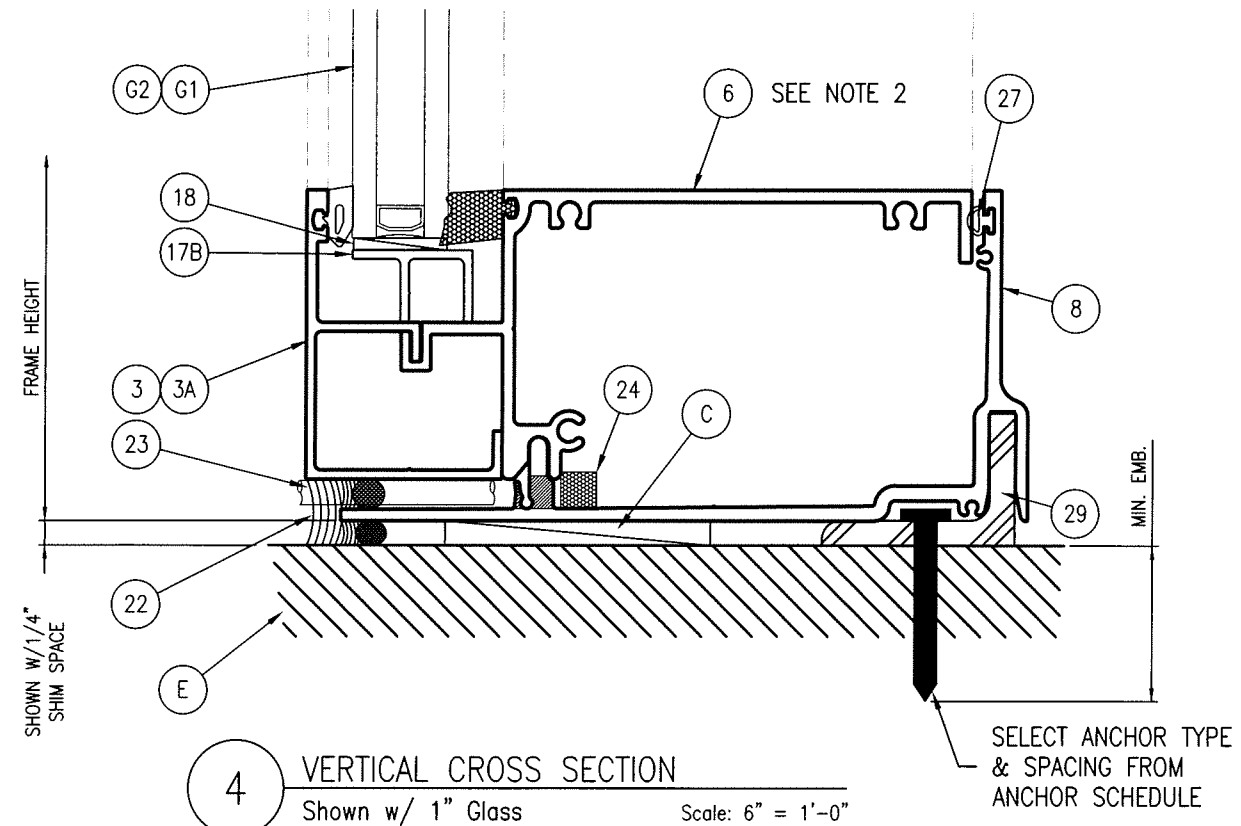
1. FRAME HEAD AND HORIZONTALS ARE ATTACHED TO JAMBS/MULLIONS AT EACH END WITH (4) #12 x 1-1/2" PH SMS.
2. FRAME SILL IS ATTACHED TO JAMBS/MULLIONS AT EACH END WITH (3) #12 x 1-1/2" PH SMS



2 VERTICAL CROSS SECTION
Shown w/ 1/4" Glass Scale: 6" = 1'-0"



3 VERTICAL CROSS SECTION
Shown w/ 1/4" Glass Scale: 6" = 1'-0"



4 VERTICAL CROSS SECTION
Shown w/ 1" Glass Scale: 6" = 1'-0"

PRODUCT:

SUN METALS
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:

VERTICAL
CROSS SECTIONS

NO	DATE	DESCRIPTION	BY
4	7/14/25	UPDATE TO 8TH ED. (2023) FBC ECV	
3	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB	
2	2/01/19	UPDATE TO 6TH ED. (2017) FBC ECV	
1	2/17/15	UPDATE TO 5TH ED. (2014) FBC LFS	

DATE: 8/23/12

SCALE: N.T.S

DWG. BY: CO

CHK BY: ECV

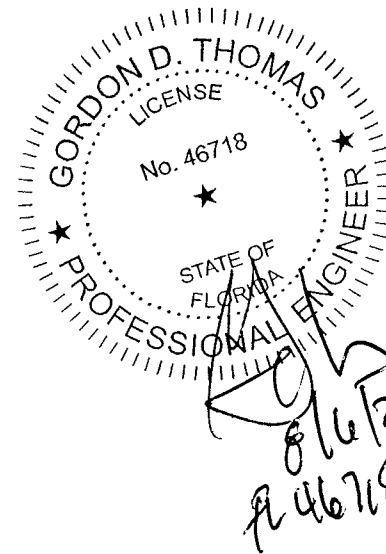
DRAWING NO.:
FL-15891.11

SHEET: 2 OF 7

5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666



1 HORIZONTAL CROSS SECTION
Shown w/ 1/4" Glass Scale: 6" = 1'-0"

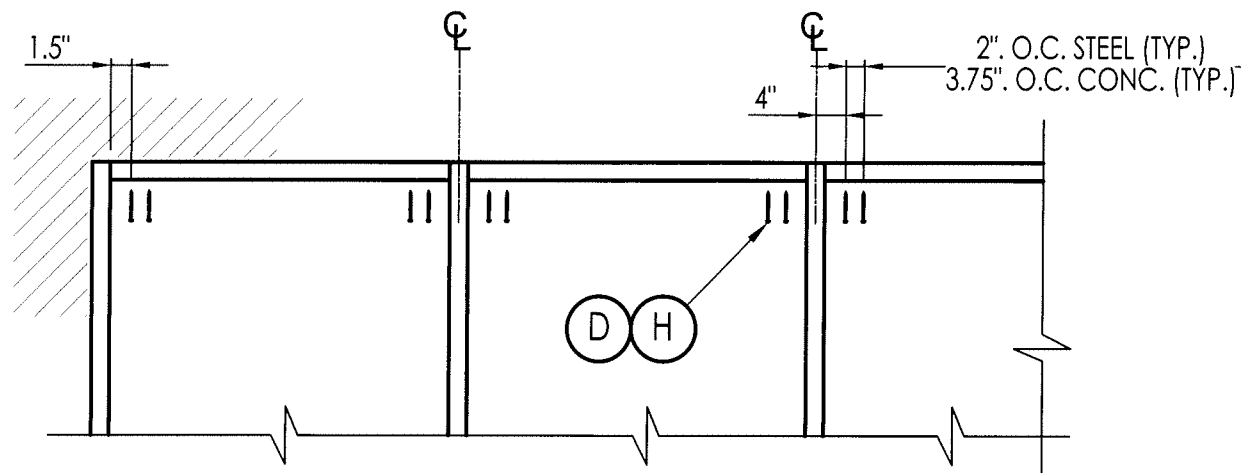


2 HORIZONTAL CROSS SECTION
Shown w/ 1" Glass Scale: 6" = 1'-0"

3 HORIZONTAL CROSS SECTION
Shown w/ 1/4" Glass Scale: 6" = 1'-0"

4 HORIZONTAL CROSS SECTION
Shown w/ 1" Glass Scale: 6" = 1'-0"

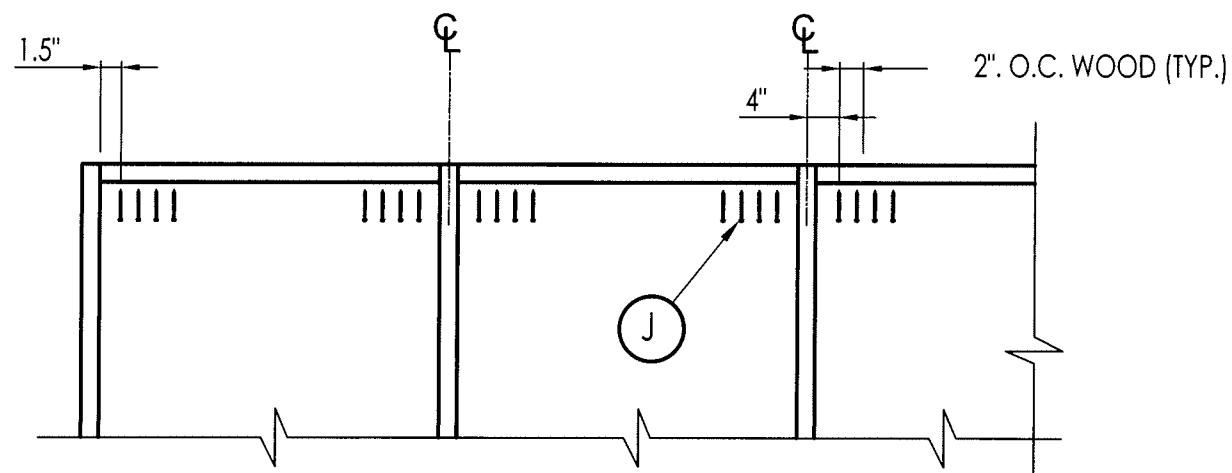
[illegible]



ANCHORING

(CONCRETE & STEEL)

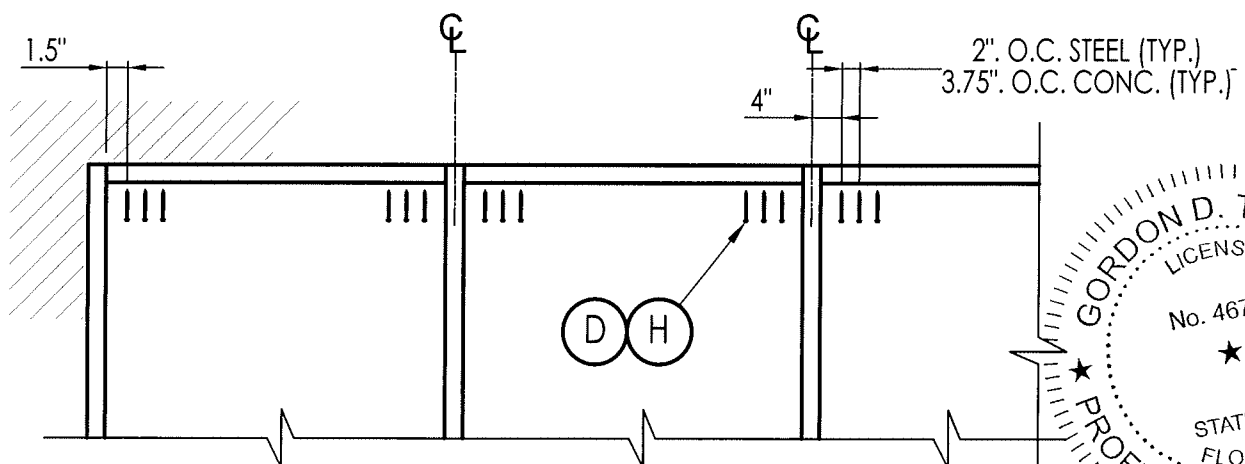
MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP <= 70 PSF



ANCHORING

(WOOD)

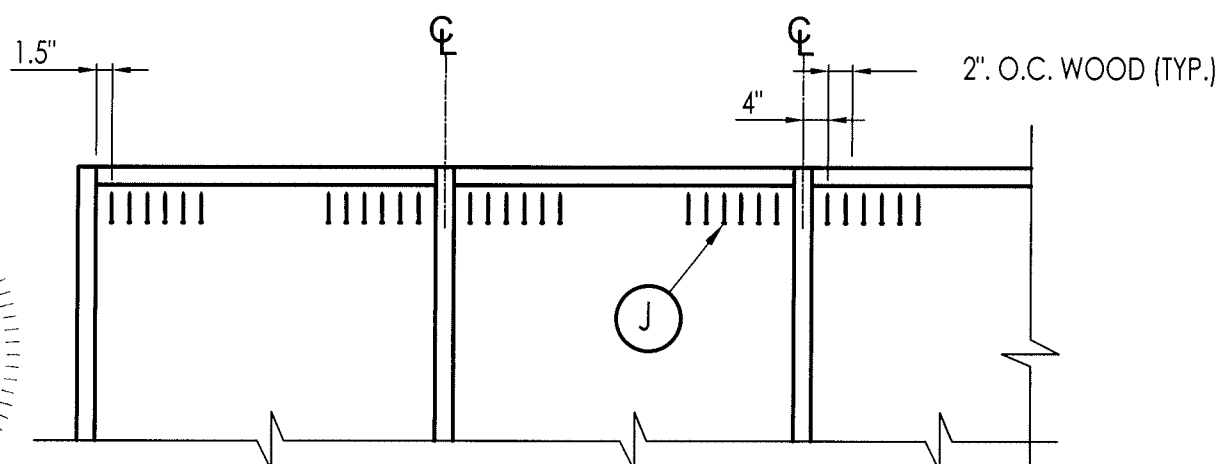
MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP <= 75 PSF



ANCHORING

(CONCRETE & STEEL)

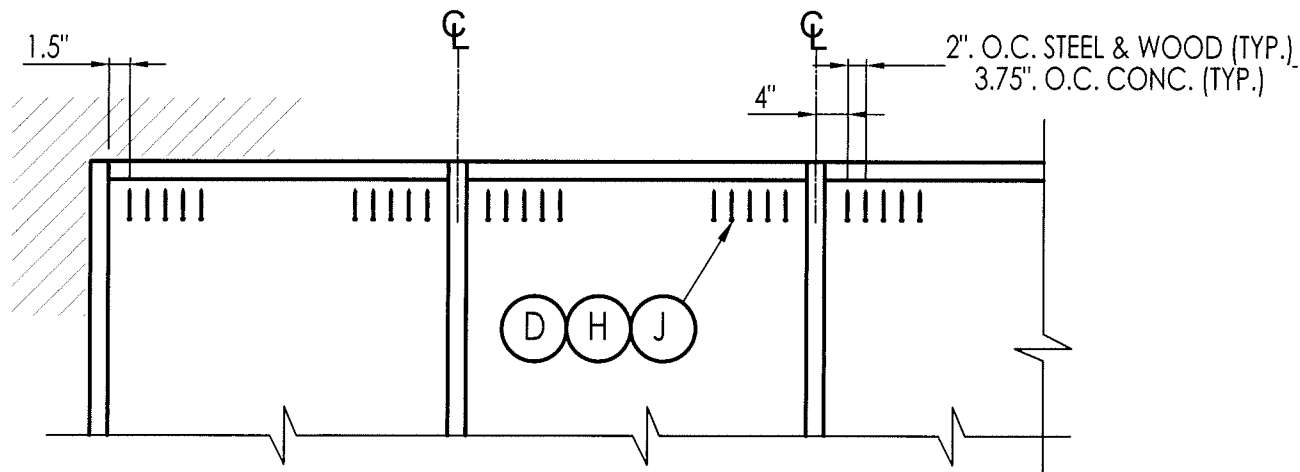
MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP @ HEAD <= 100 PSF



ANCHORING

(WOOD)

MAX. SHIM SPACE @ HEAD <= 1/4"
MAX. DP @ HEAD <= 100 PSF

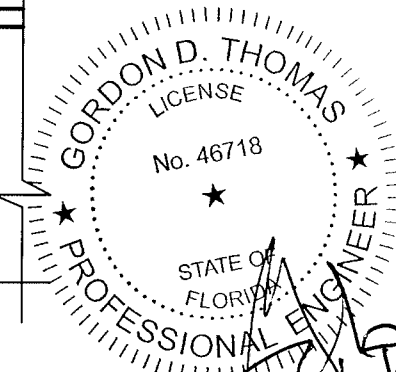


ANCHORING

(CONCRETE, STEEL & WOOD)

MAX. SHIM SPACE @ HEAD <= 1/2"
MAX. DP <= 75 PSF

SUBSTRATE	ANCHOR SCHEDULE	
CONCRETE	D	5/16"Ø HWH ITW Tapcon® XL concrete anchor with 1-3/4" min. embedment, 2-3/16" minimum edge distance and 3-3/4" (@ head) & 3-1/2" (@ sill) min. clearance to adjacent concrete anchors. Concrete is 3000 PSI minimum conforming to ACI 301.
STEEL	H	5/16"Ø HWH Hilti KWIK-FLEX self-drilling screws w/ minimum 3 threads protruding through the substrate. 1" min. edge distance and 1" min CL to CL spacing. Steel shall be ASTM A653 Grade 33 with Fy=33 KSI min, and Fu=45 KSI min. 0.06" min. thickness (16 ga. min.)
WOOD	J	#24 wood screw with 2-1/4" embedment, 1-1/2" minimum edge distance and 1-1/2" CL to CL minimum. 2x wood substrate SG >= 0.55



*8/16/25
FL 46718*

5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666



PRODUCT: SUN METALS
ALUMINUM WINDOW WALL
PART OR ASSEMBLY:
HEAD ANCHORING ELEVATIONS
& ANCHORING SCHEDULE

NO	DATE	DESCRIPTION	BY
4	7/14/25	UPDATE TO 8TH ED. (2023) FBC ECV	
3	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB	
2	2/01/19	UPDATE TO 6TH ED. (2017) FBC ECV	
1	2/17/15	UPDATE TO 5TH ED. (2014) FBC LFS	

DATE: 8/23/12

SCALE: N.T.S

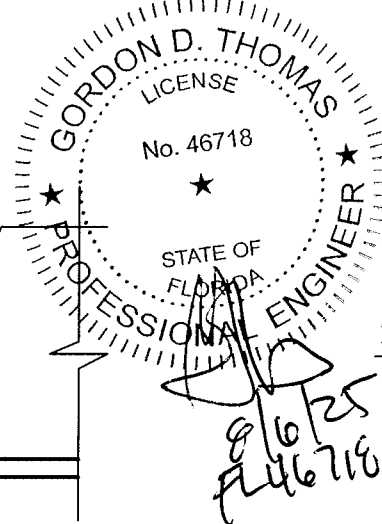
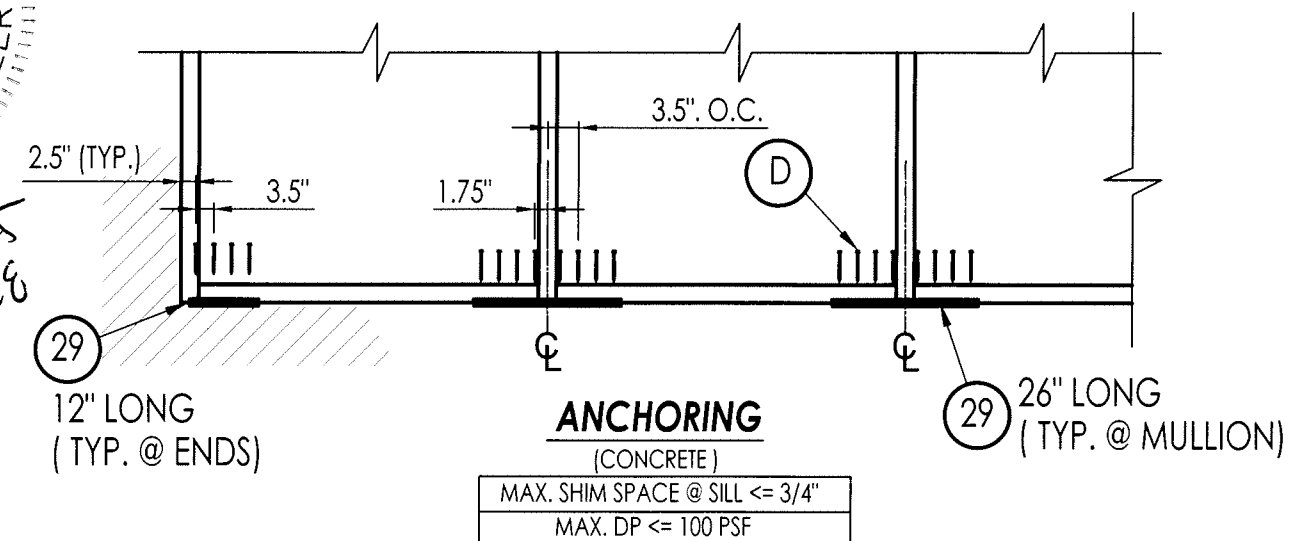
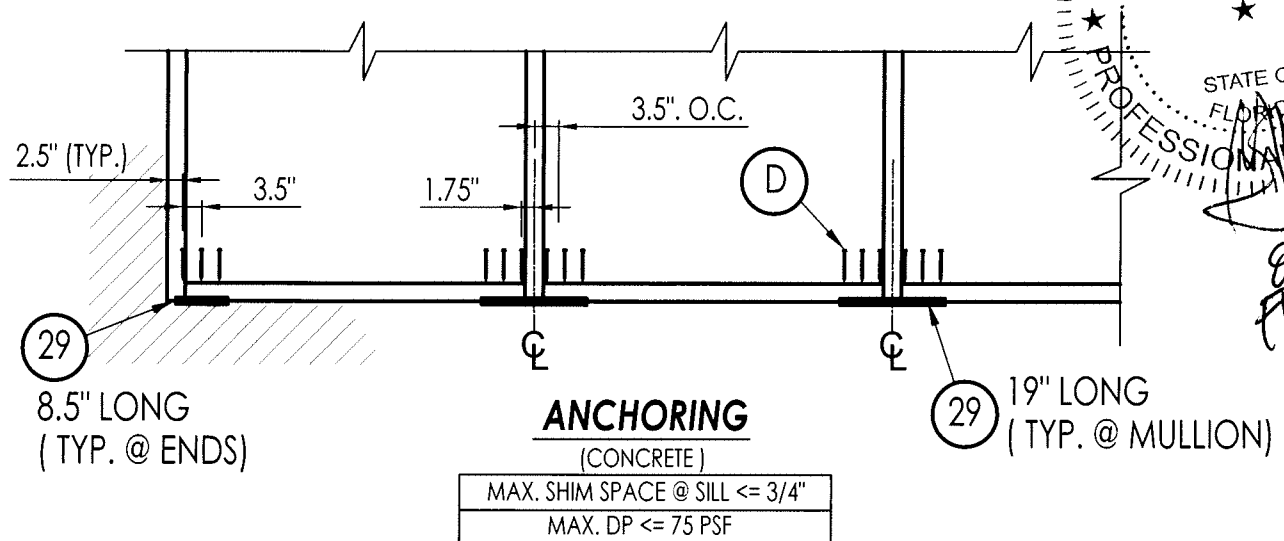
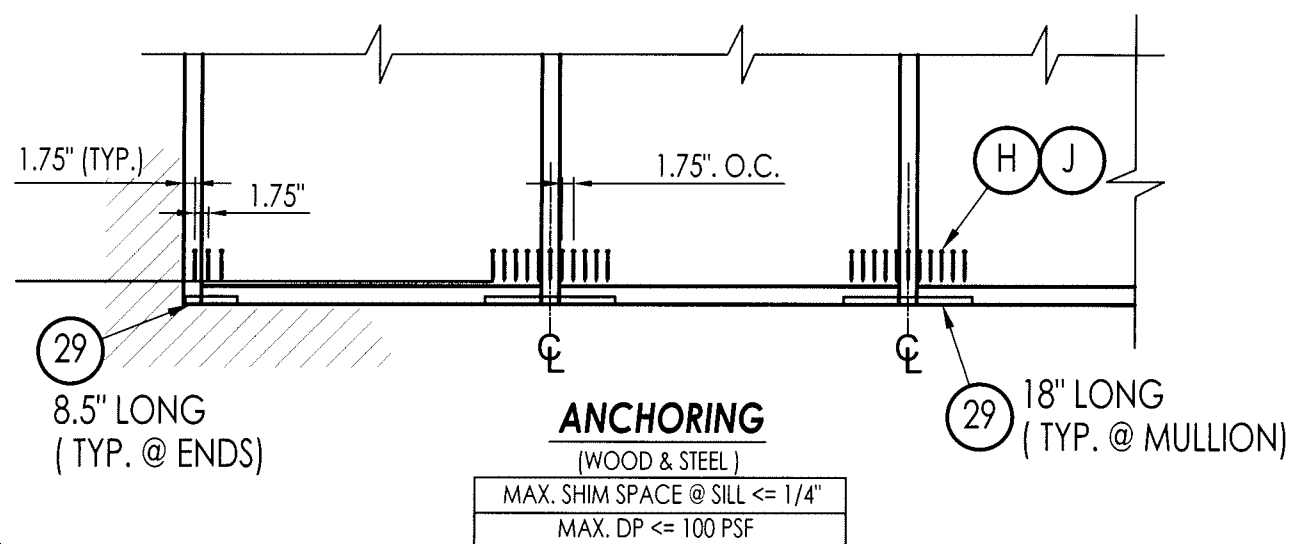
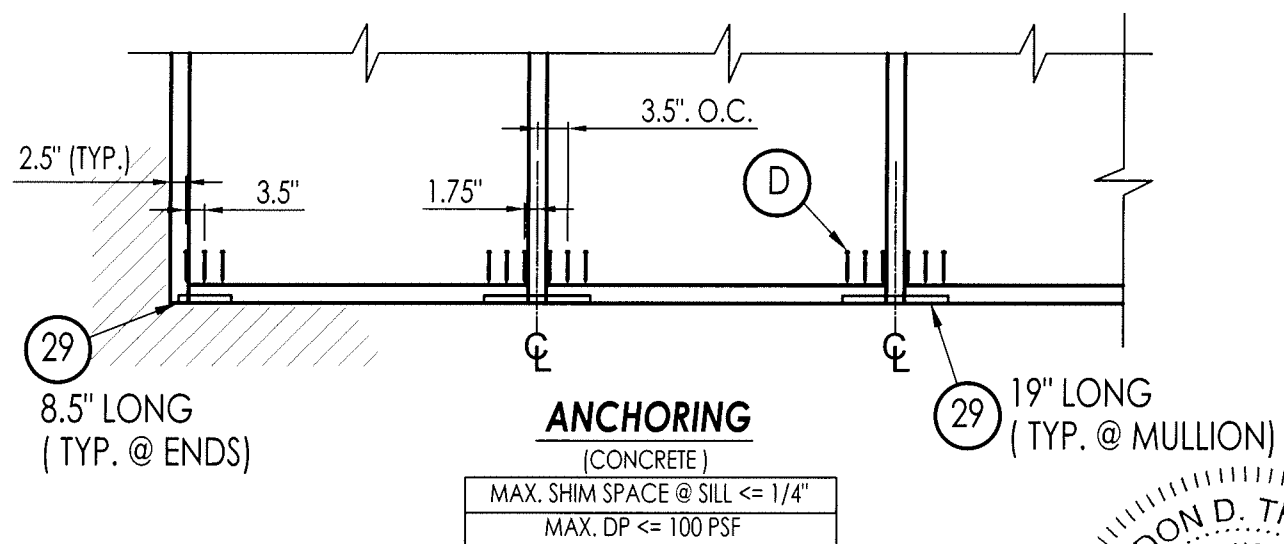
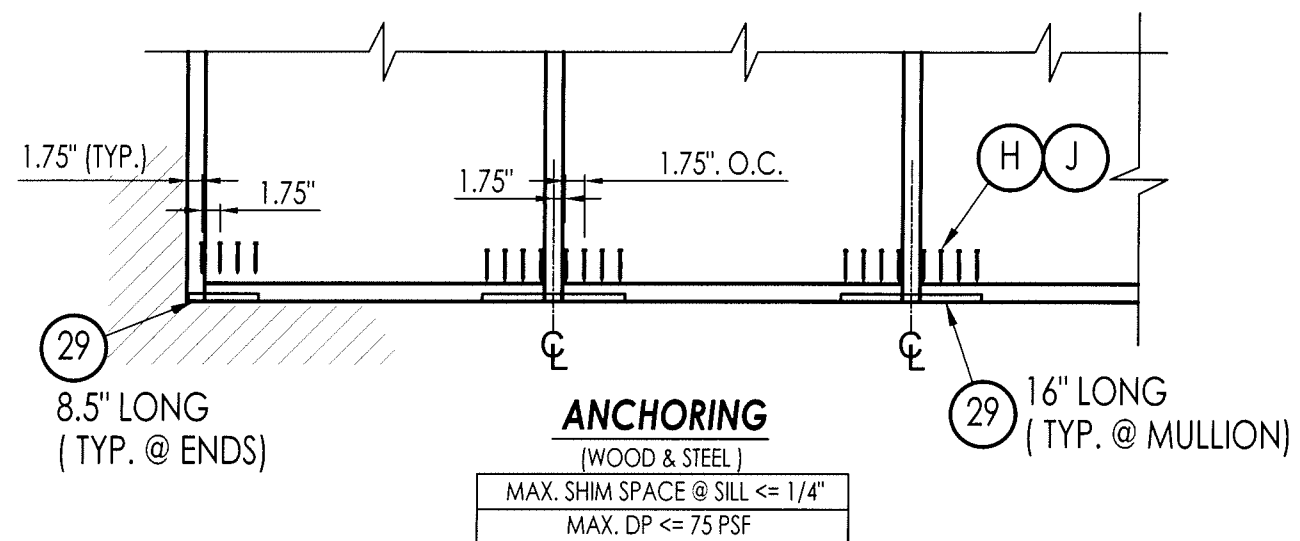
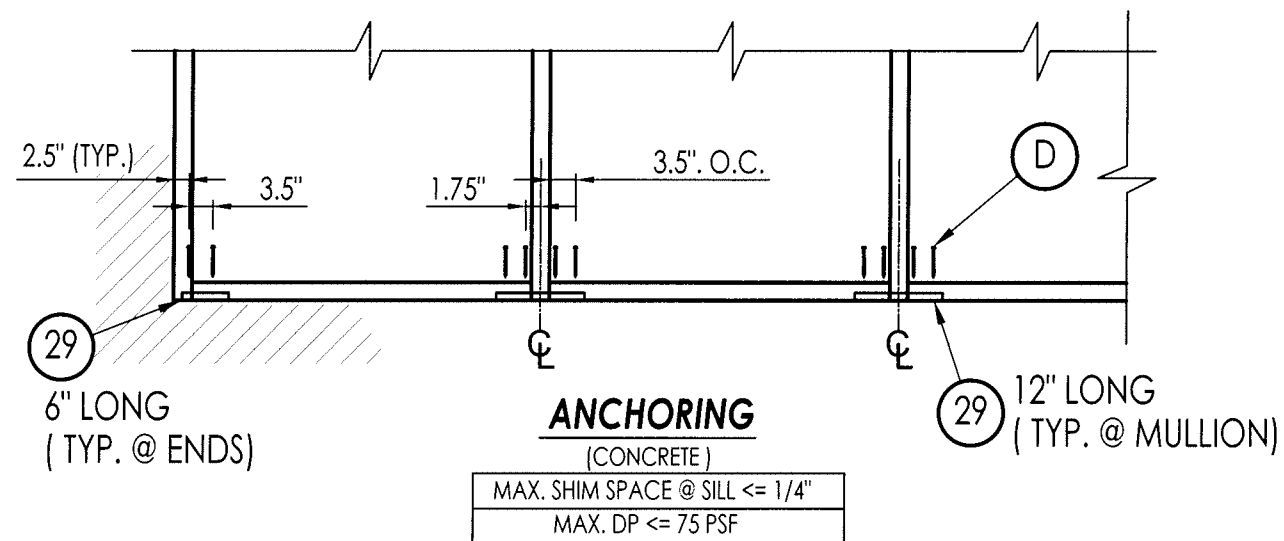
DWG. BY: CO

CHK BY: ECV

DRAWING NO.:

FL-15891.11

SHEET: **4** OF **7**



5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666



PRODUCT: SUN METALS
ALUMINUM WINDOW WALL

PART OR ASSEMBLY: SILL ANCHORING ELEVATIONS

NO	DATE	DESCRIPTION		BY					
1	2/17/15	UPDATE TO 5TH ED. (2014)		FBC		LFS			
2	2/01/19	UPDATE TO 6TH ED. (2017)		FBC		ECV			
3	9/21/20	UPDATE TO 7TH ED. (2020)		FBC		JOB			
4	7/14/25	UPDATE TO 8TH ED. (2023)		FBC		ECV			

DATE: 8/23/12

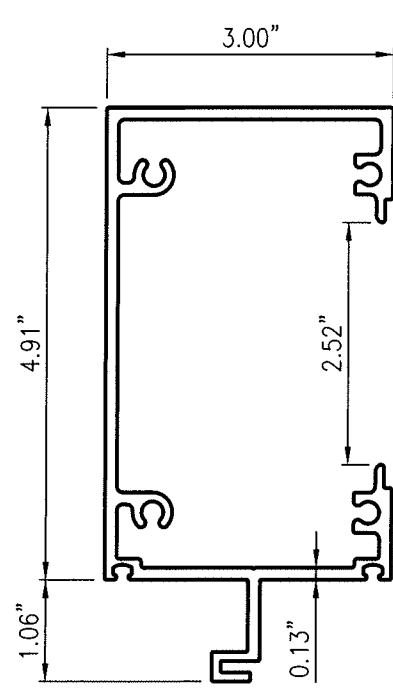
SCALE: N.T.S

DWG. BY: CO

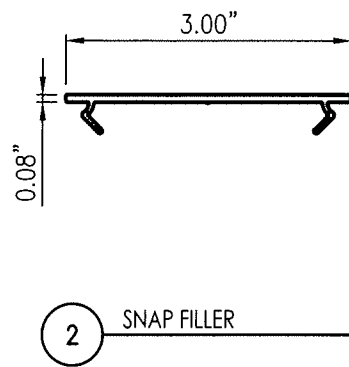
CHK BY: ECV

DRAWING NO.:
FL-15891.11

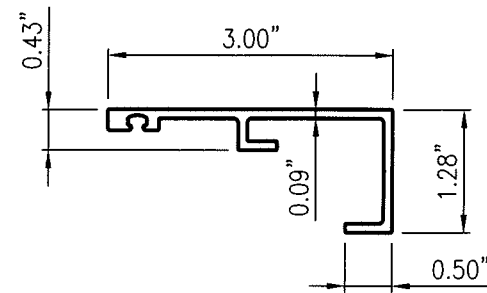
SHEET: **5** OF **7**



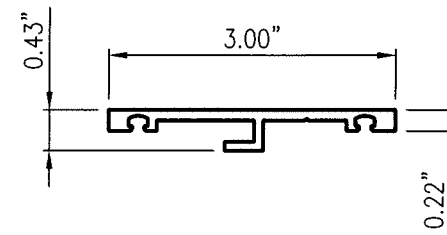
1 FRAME JAMB/ HEAD



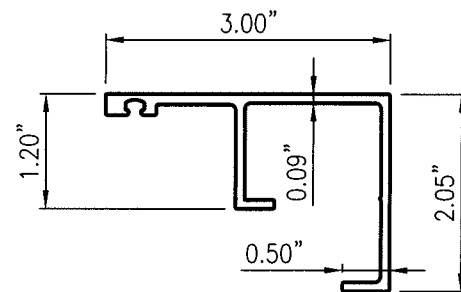
2 SNAP FILLER



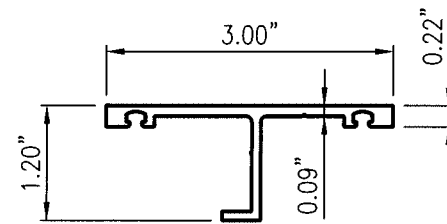
3 FACE CAP
Head/jamb



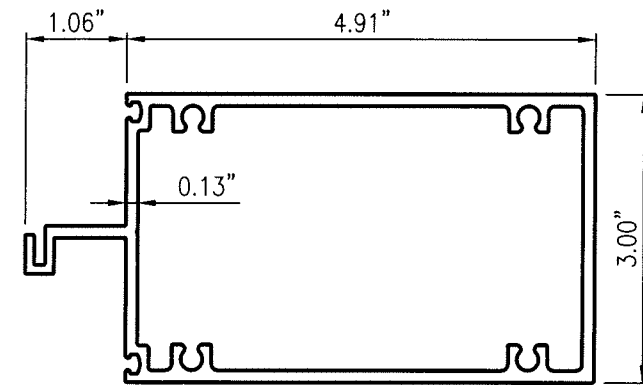
4 FACE CAP
Rail



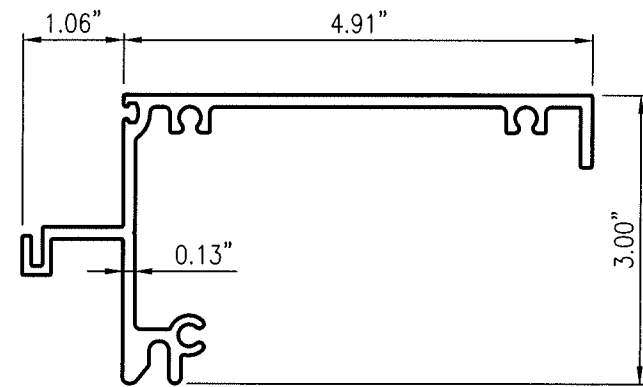
3A FACE CAP
Head/jamb



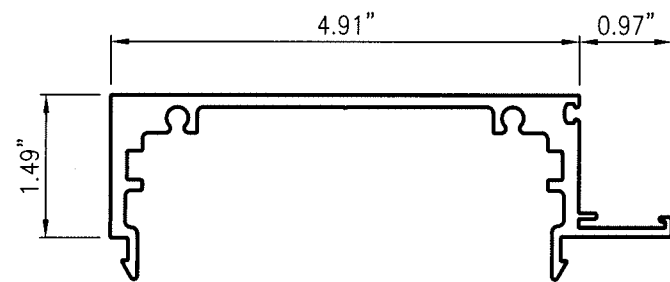
4A FACE CAP
Rail



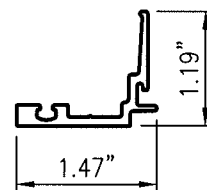
5 HORIZONTAL/ JAMB



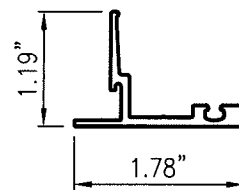
6 SILL



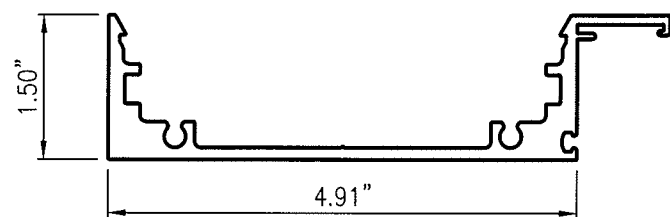
9 MALE MULLION



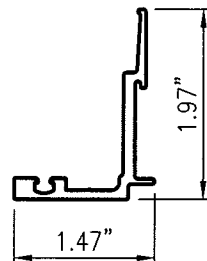
11 SPLIT MULLION CAP



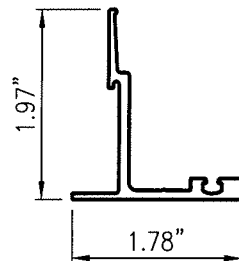
12 SPLIT MULLION CAP



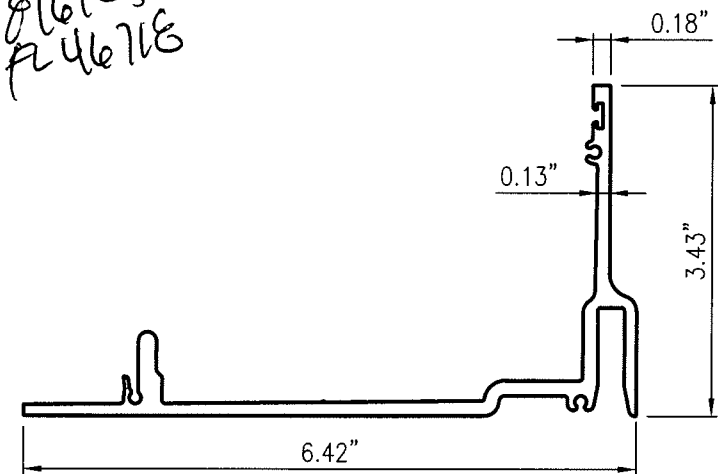
10 FEMALE MULLION



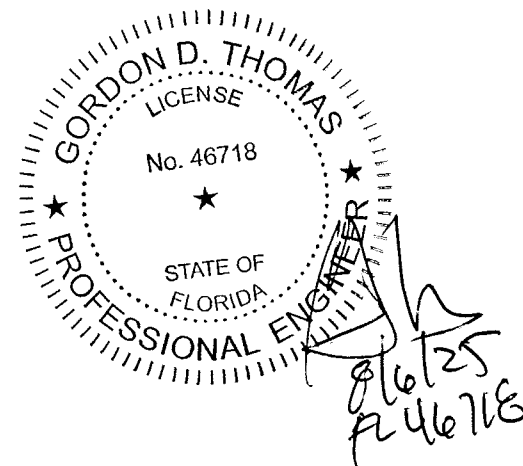
11A SPLIT MULLION CAP



12A SPLIT MULLION CAP



8 STARTER SILL



5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
PHONE: (813) 889-0718
FAX: (813) 886-0666

SUN METALS

PRODUCT: SUN METALS
ALUMINUM WINDOW WALL

PART OR ASSEMBLY:		COMPONENTS	
NO	DATE	DESCRIPTION	BY
4	7/14/25	UPDATE TO 8TH ED. (2023) FBC ECV	
3	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB	
2	2/01/19	UPDATE TO 6TH ED. (2017) FBC ECV	
1	2/17/15	UPDATE TO 5TH ED. (2014) FBC LFS	

DATE: 8/23/12

SCALE: N.T.S

DWG. BY: CO

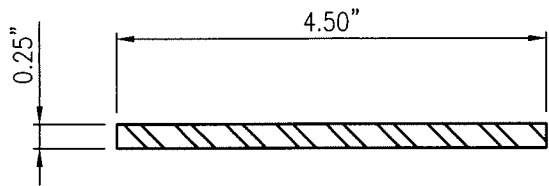
CHK BY: ECV

DRAWING NO.: FL-15891.11

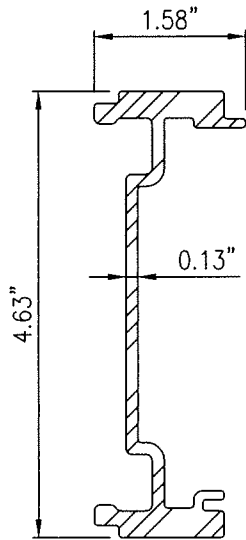
SHEET: **6** OF **7**

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	MAX. SHIM SPACE (1/2" @ HEAD, 3/4" @ SILL)	-
D	5/16" x 2 3/4" ITW TAPCON XL CONC. ANCHOR	STEEL
E	SUBSTRATE MATERIAL	-
H	5/16" HILTI KWIK-FLEX SELF-DRILLING SMS	STEEL
J	#24 x 2-1/4" WOOD SCREW	STEEL
1	FRAME JAMB/ HEAD (SUN-613)	ALUMINUM
2	SNAP FILLER (SUN-602)	ALUMINUM
3	FACE CAP HEAD/ JAMB (SUN-403)	ALUMINUM
3A	FACE CAP HEAD/ JAMB (SUN-436)	ALUMINUM
4	FACE CAP RAIL (SUN-404)	ALUMINUM
4A	FACE CAP RAIL (SUN-437)	ALUMINUM
5	HORIZONTAL (SUN-605)	ALUMINUM
6	SILL (SUN-606)	ALUMINUM
7	ALUMINUM SPACER	ALUMINUM
8	STARTER SILL (SUN-653)	ALUMINUM
9	MALE SPLIT MULLION (SUN-609)	ALUMINUM
10	FEMALE SPLIT MULLION (SUN-610)	ALUMINUM
11	SPLIT MULLION FACE CAP (SUN-411)	ALUMINUM
11A	SPLIT MULLION FACE CAP (SUN-438)	ALUMINUM
12	SPLIT MULLION FACE CAP (SUN-412)	ALUMINUM
12A	SPLIT MULLION FACE CAP (SUN-439)	ALUMINUM
14	REINFORCEMENT STEEL BAR (1/4" x 4-1/2" STEEL BAR)	ASTM A36 STEEL
15	#12 x 1" SELF DRILLING SCREW	STEEL
17	SETTING CHAIR (1/2" x 3/4" x 1/8" U-CHANNEL)	ALUMINUM
17A	SETTING CHAIR (SUN-422)	ALUMINUM
18	1/8" SETTING BLOCK	EPDM
19	JAMB REINFORCEMENT	ALUMINUM
20	SEAM SEALANT	-
22	PERIMETER SILICONE SEALANT	SILICONE
23	WEEP STRAW	-
24	WEEP BAFFLE	-
26	EXTRUDED 70 DURO. EPDM WEDGE GASKET (TR-11419)	EPDM
27	EXTRUDED 60 DURO. EPDM BULB GASKET (TR-5783E)	EPDM
28	SILL ANCHOR BRACKET	ALUMINUM
30	NEOPRENE SPONGE GASKET	NEOPRENE

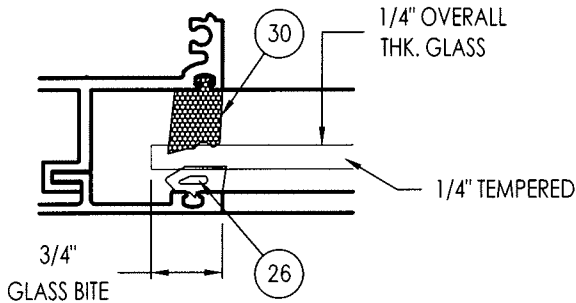
NOTE: ALL FRAME ALUMINUM IS 6063-T6



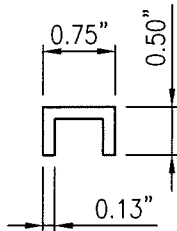
14 REINFORCEMENT BAR
Full frame height



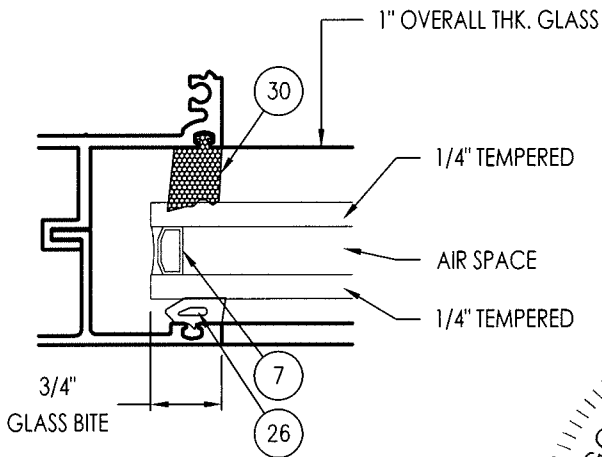
19 JAMB REINFORCEMENT
72" Long



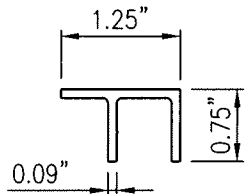
G1 GLAZING DETAIL
Dry glazed



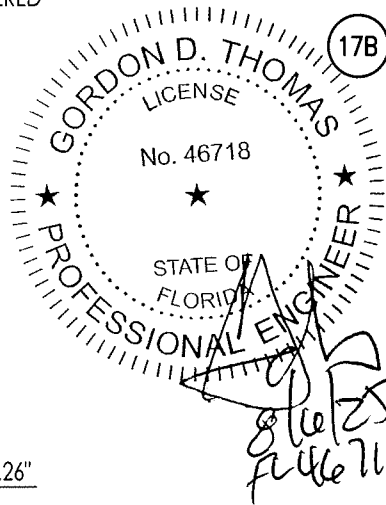
17 SETTING CHAIR



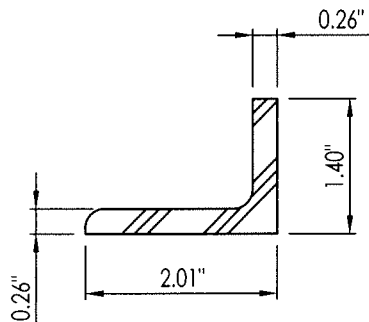
G2 GLAZING DETAIL
Dry glazed



17B SETTING CHAIR



27 BULB GASKET



29 SILL ANCHOR BRACKET
(ANCHOR BRACKET LENGTH VARIES)



26 WEDGE GASKET



30 GASKET

5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
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FAX: (813) 886-0666



PRODUCT: SUN METALS
ALUMINUM WINDOW WALL
PART OR ASSEMBLY:
BILL OF MATERIALS
GLAZING DETAILS & COMPONENTS

NO	DATE	DESCRIPTION	BY
4	7/14/25	UPDATE TO 8TH ED. (2023) FBC	ECV
3	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
2	2/01/19	UPDATE TO 6TH ED. (2017) FBC	ECV
1	2/17/15	UPDATE TO 5TH ED. (2014) FBC	LFS

DATE: 8/23/12

SCALE: N.T.S

DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL-15891.11

SHEET: 1 OF 1