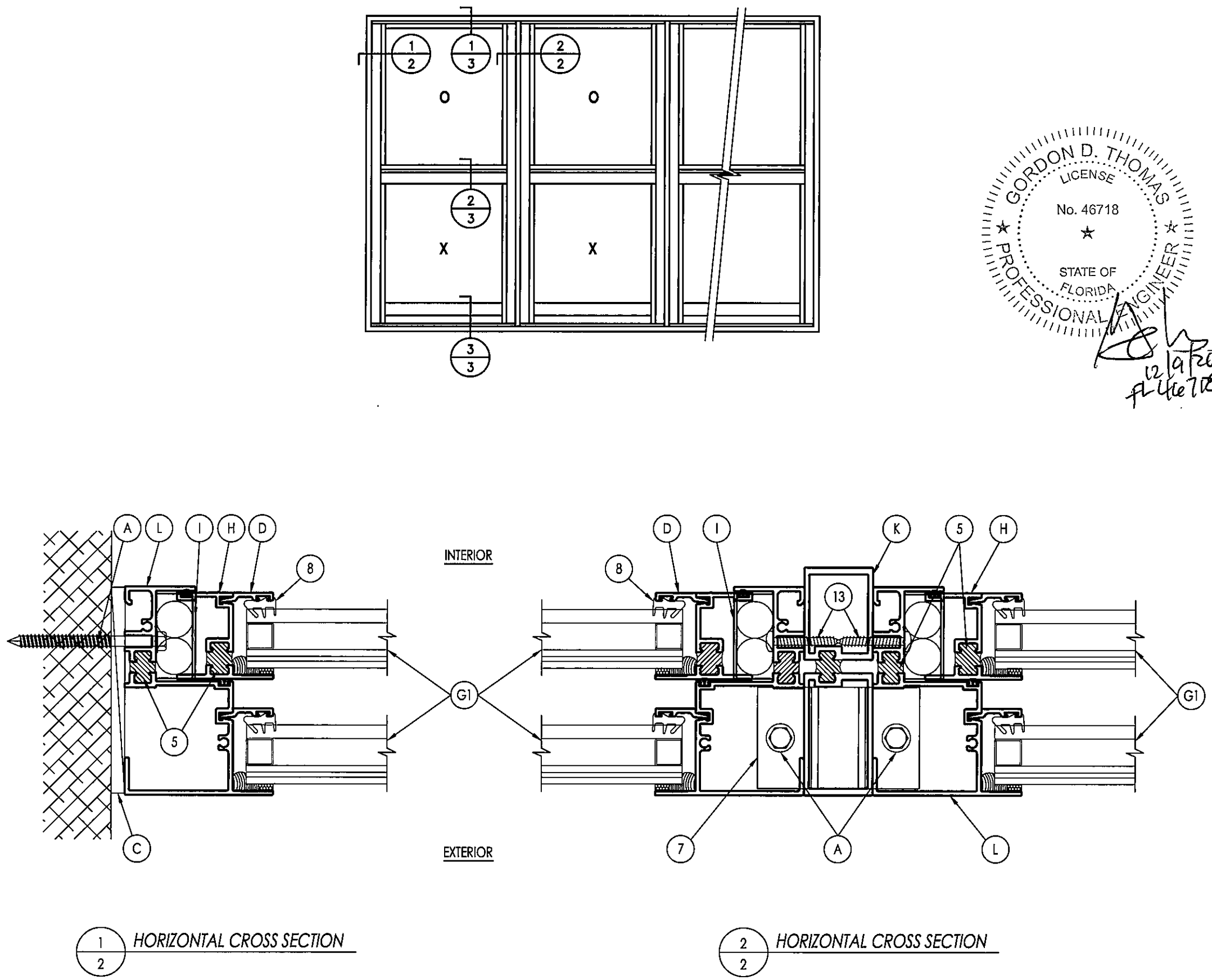




1
2 HORIZONTAL CROSS SECTION

2
2 HORIZONTAL CROSS SECTION

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

SUN METALS

GORDON D. THOMAS
LICENSE
No. 46718
★
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

[Signature]
12/9/20
fl 46718

PRODUCT: SUN METALS 400 HW SINGLE HUNG WINDOW		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
NO	DATE	DESCRIPTION	BY
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
REVISIONS			

DATE: 08/24/18

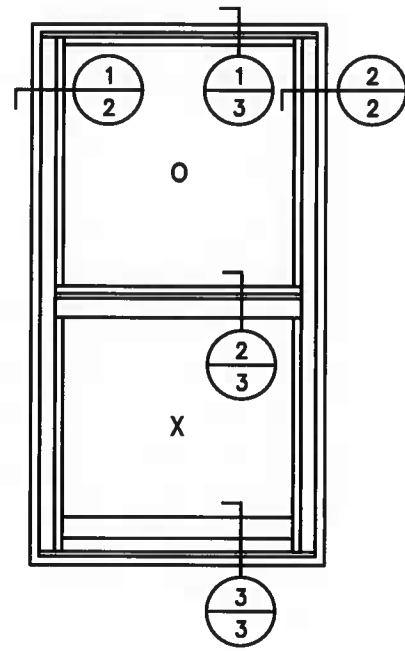
SCALE: NA

DWG. BY: CO

CHK BY: ECV

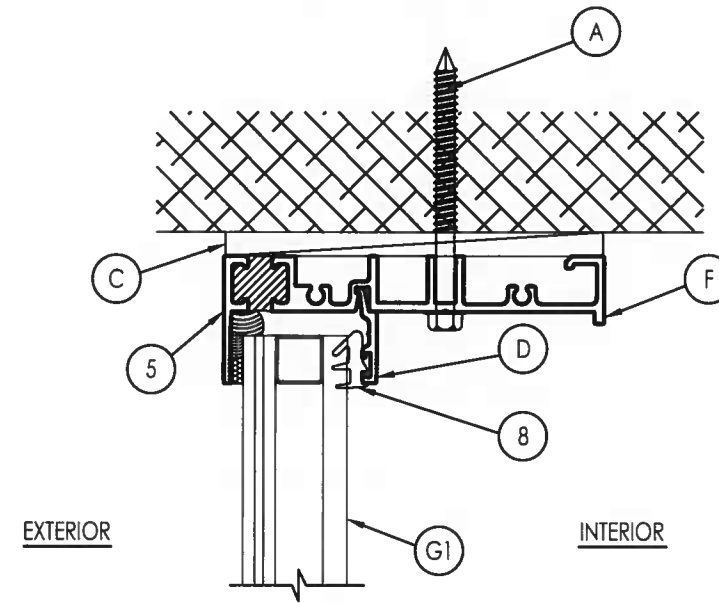
DRAWING NO.:
FL-3504.12

SHEET: **2** OF **5**

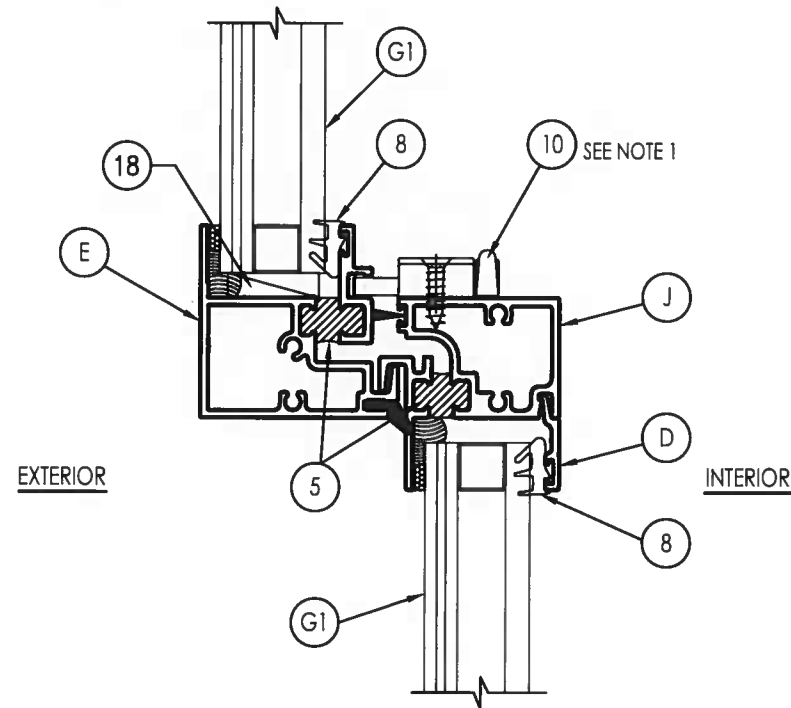


NOTE:

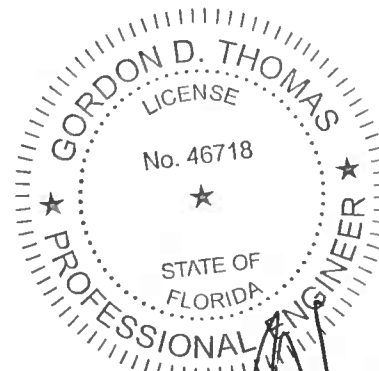
1. SASH LOCKS (2) LOCATED 6" FROM EACH END OF SASH, ATTACH WITH (2) #8 x 3/4" SELF-TAPPING SMS.
2. WINDOW FRAME ATTACHED AT EACH CORNER WITH (2) ITEM #17.



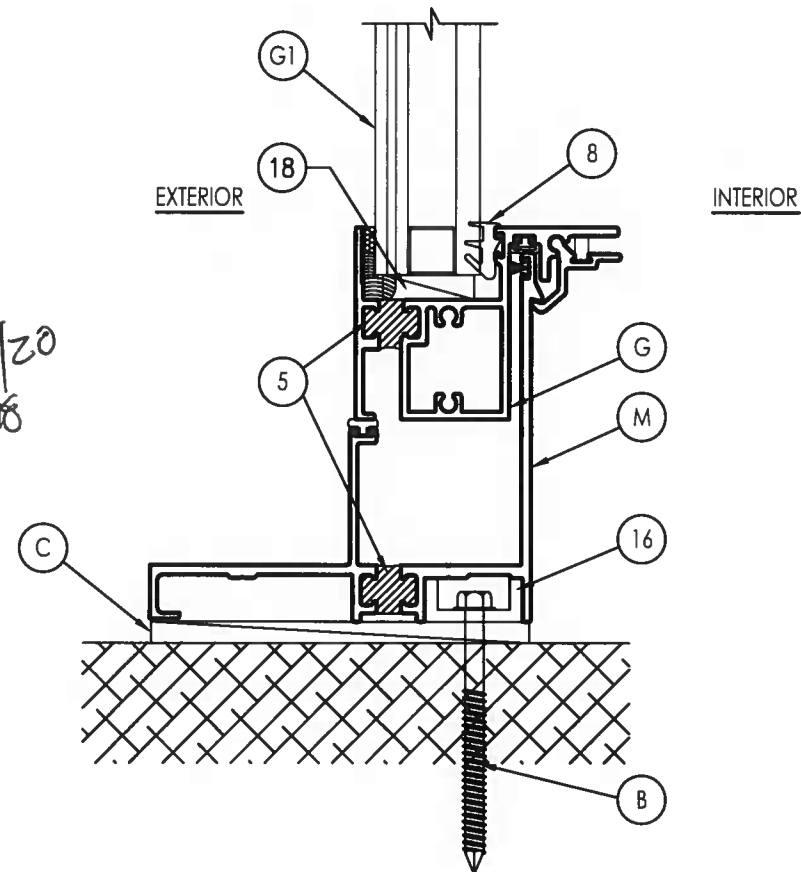
1
3 VERTICAL CROSS SECTION



2
3 VERTICAL CROSS SECTION



12/26/20
FL 46718



3
3 VERTICAL CROSS SECTION

5008 TAMPA WEST BLVD.
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PRODUCT:
SUN METALS
400 HW SINGLE HUNG WINDOW

PART OR ASSEMBLY:
VERTICAL CROSS SECTIONS

NO	DATE	DESCRIPTION	BY
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB

DATE: 08/24/18

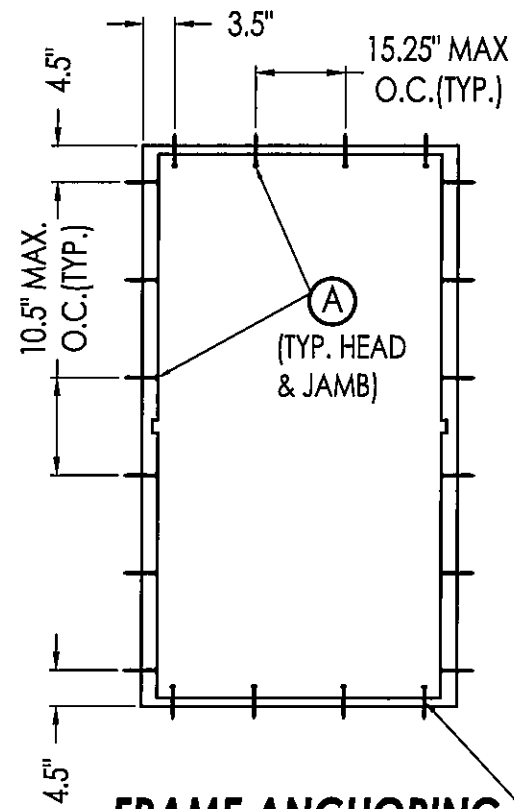
SCALE: NA

DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL-3504.12

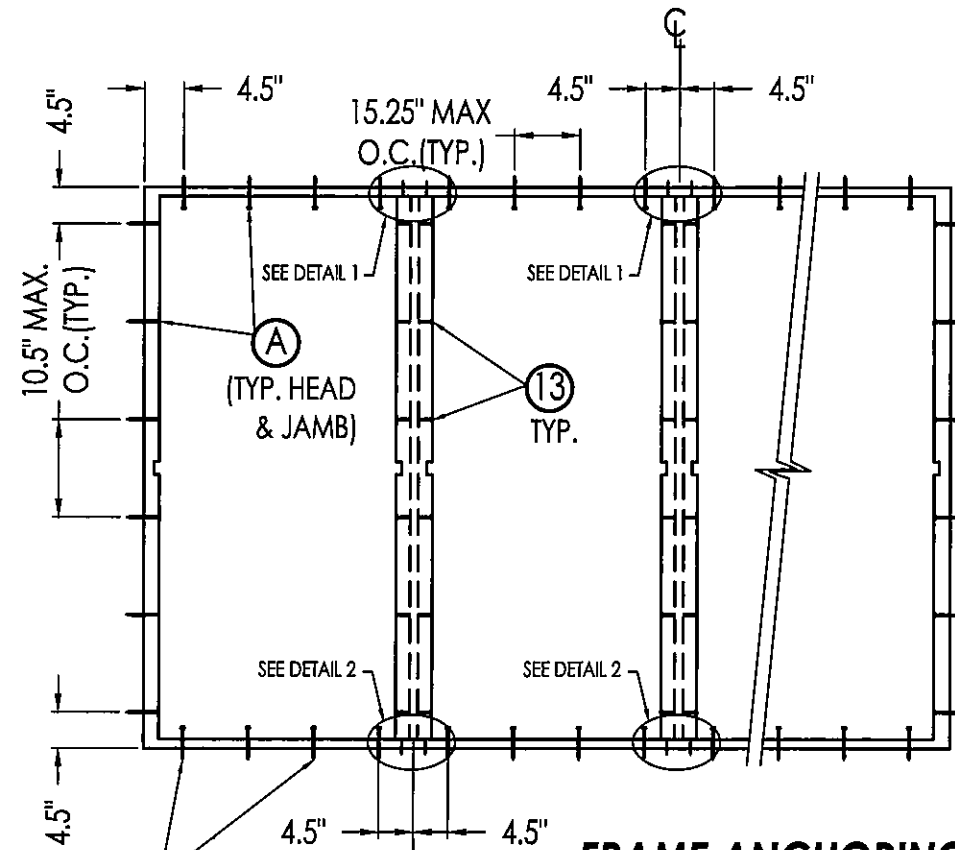
SHEET: 3 OF 5



FRAME ANCHORING

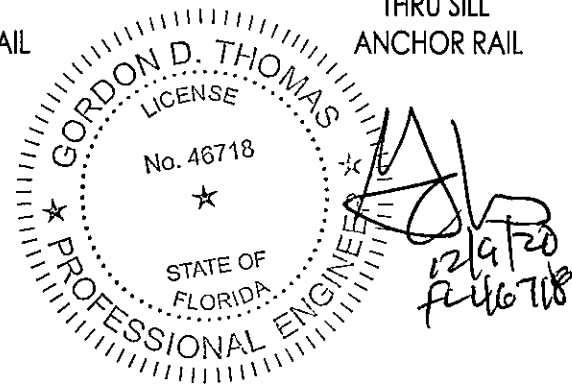
SINGLE UNIT

THRU SILL
ANCHOR RAIL

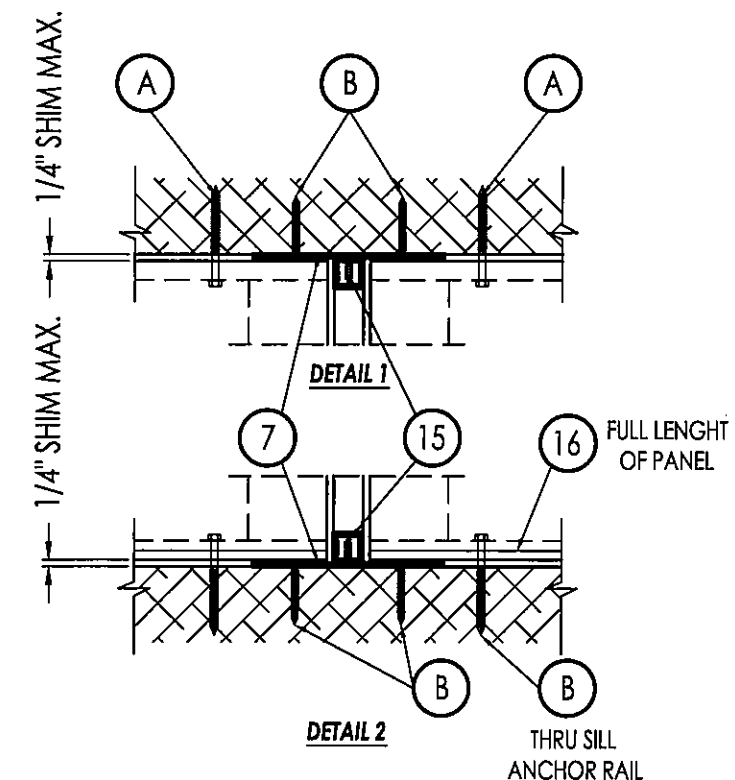


FRAME ANCHORING

MULLED UNIT



APPROVED ANCHOR SCHEDULE			
ANCHOR	DESCRIPTION		MANUFACTURER
(A) (B)	#24 WOOD SCREW	MAIN MEMBER SG = .55 MIN., EDGE DISTANCE = 1.5" MIN., EMBEDMENT = 2.375" MIN., CL = 2" MIN.	N/A
(A) (B)	1/4" SHEET METAL SCREW	SUBSTRATE = 16 GA. STEEL MIN., ASTM A36, EDGE DISTANCE = 1" MIN., EMBEDMENT = 3 THREADS PROTRUDING MIN, CL = 1" MIN.	HILTI KWIK-PRO
(A)	5/16" CONCRETE SCREW	CONCRETE = 2,899 PSI MIN, CONFORMING TO ACI 301, EDGE DISTANCE = 3.125" MIN., EMBEDMENT = 1.25" MIN., CL = 3.75" MIN.	ITW BUILDEX
(B)	1/4" CONCRETE SCREW	CONCRETE = 3,192 PSI MIN, CONFORMING TO ACI 301, EDGE DISTANCE = 2.5" MIN., EMBEDMENT = 1.25" MIN., CL = 2.75" MIN.	ITW BUILDEX

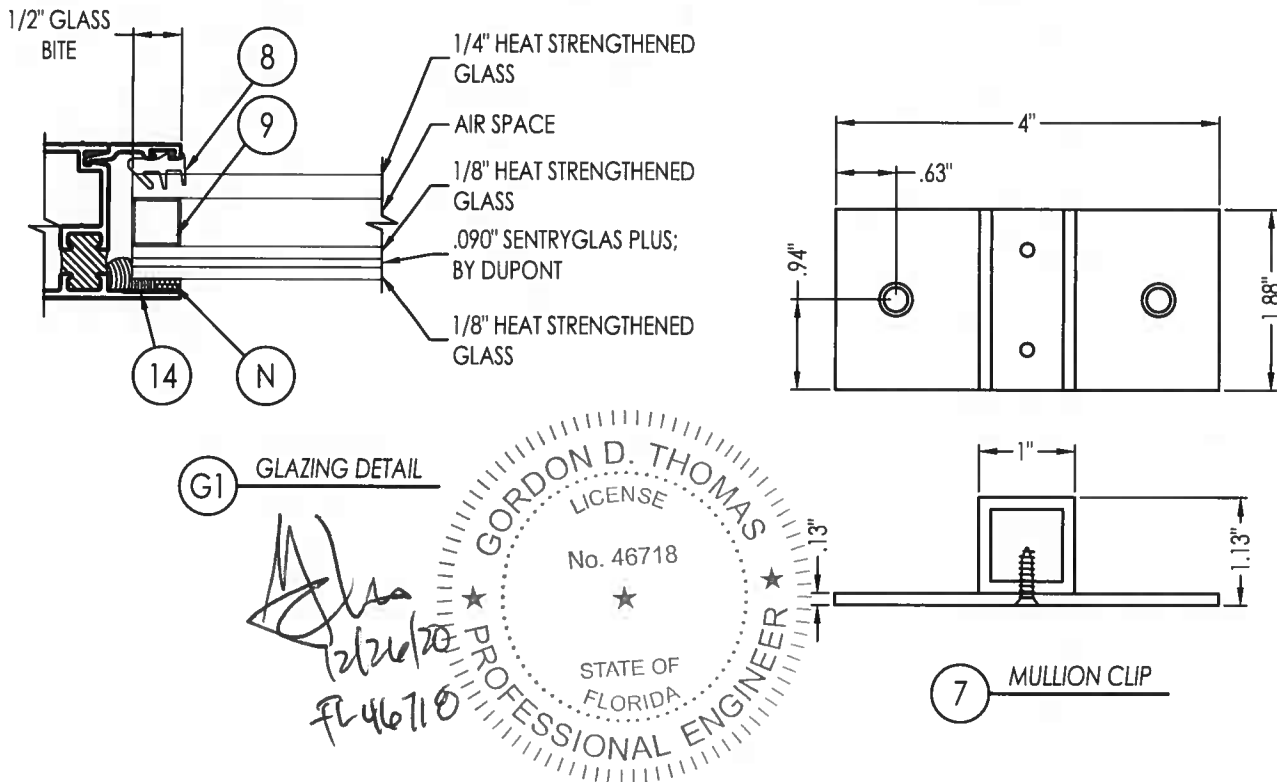
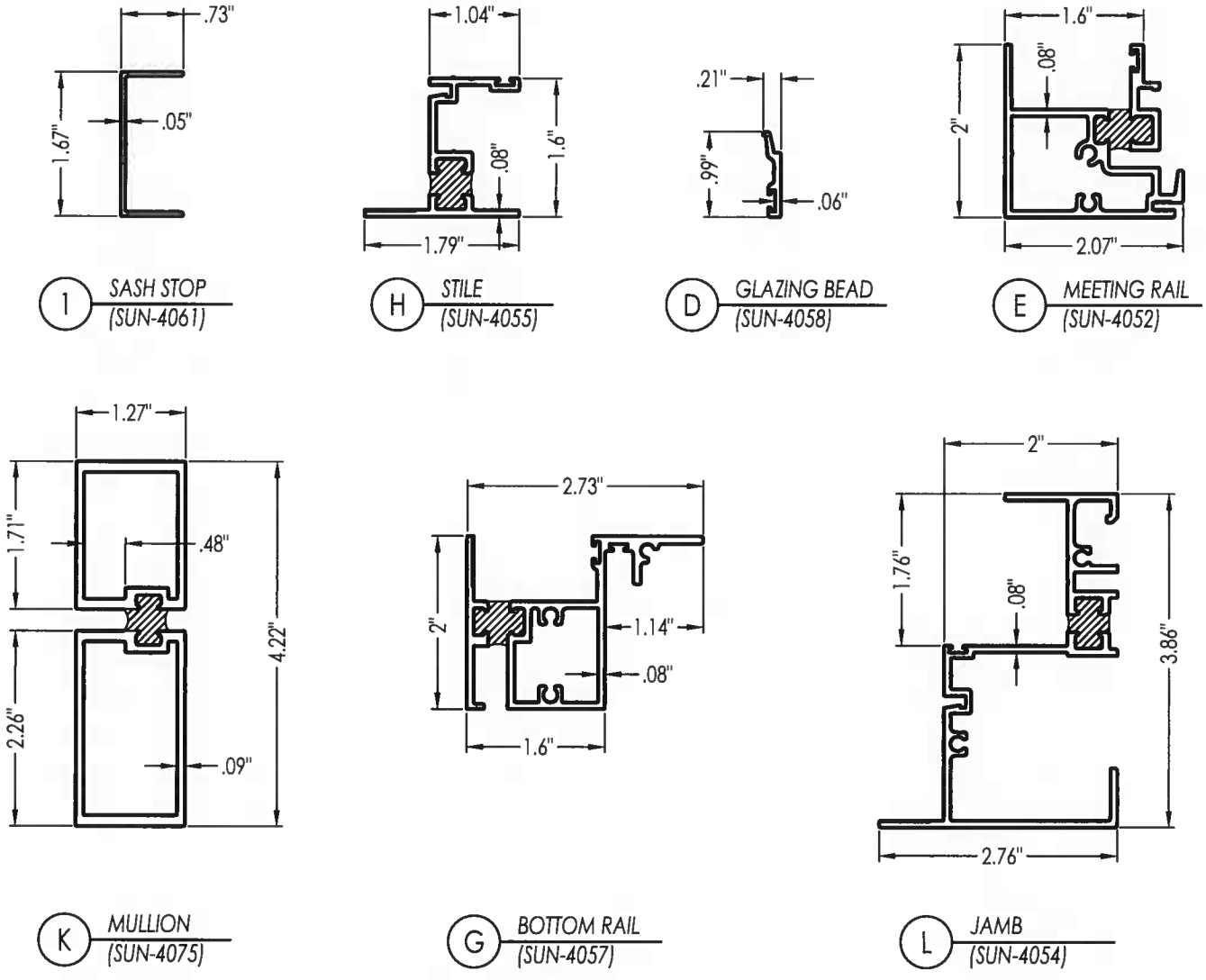


5008 TAMPA WEST BLVD.
TAMPA, FLORIDA 33634
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FAX: (813) 886-0666



PRODUCT:		SUN METALS	
400 HW SINGLE HUNG WINDOW		PART OR ASSEMBLY:	
FRAME ANCHORING		REVISIONS	
NO	DATE	DESCRIPTION	BY
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-3504.12			
SHEET: 4 OF 5			

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR—SEE ANCHOR ELEVATION SHEET	STEEL
B	ANCHOR—SEE ANCHOR ELEVATION SHEET	STEEL
C	1/4" MAX. SHIM SPACE	-
D	GLAZING BEAD (SUN-4058)	6063-T6 ALUM
E	MEETING RAIL (SUN-4052)	6063-T6 ALUM
F	HEAD (SUN-4051)	6063-T6 ALUM
G	BOTTOM RAIL (SUN-4057)	6063-T6 ALUM
H	STILE (SUN-4055)	6063-T6 ALUM
I	SASH STOP (SUN-4061)	6063-T6 ALUM
K	MULLION (SUN-4075)	6063-T6 ALUM
L	JAMB (SUN-4051)	6063-T6 ALUM
M	SILL (SUN-4053)	6063-T6 ALUM
N	EXTERIOR GLAZING TAPE (0.125" x 0.5")	-
5	THERMAL BREAK	POLYURETHANE
7	MULLION CLIP	ALUM
8	INTERIOR GLAZING SPONGE	FOAM
9	1/2" GLASS SPACER	ALUM
10	SASH LOCK (#207 SA)	ZAMAK
13	#10 X 1-1/4" PPH MS	STEEL
14	STRUCTURAL SILICONE (TREMCO TREMSIL 600)	SILICONE
15	#14 X 3/4" SMS	STEEL
16	SILL ANCHOR RAIL	6063-T6 ALUM
17	#10 X 1-1/4" SMS	STEEL
18	SETTING BLOCK (85±5 DUROMETER)	NEOPRENE



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SUN METALS

PRODUCT:
SUN METALS
400 HW SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BOM & COMPONENTS

REVISIONS		DATE	DESCRIPTION	BY
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB	

DATE: 08/24/18

SCALE: NA

DWG. BY: CO

CHK BY: ECV

DRAWING NO.: FL-3504.12

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