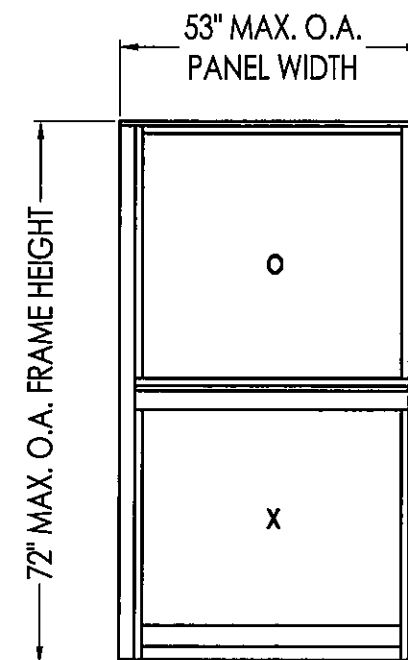
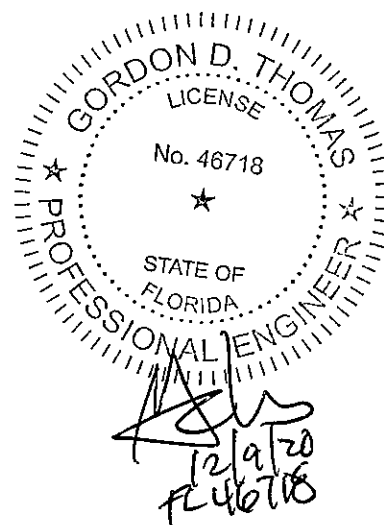
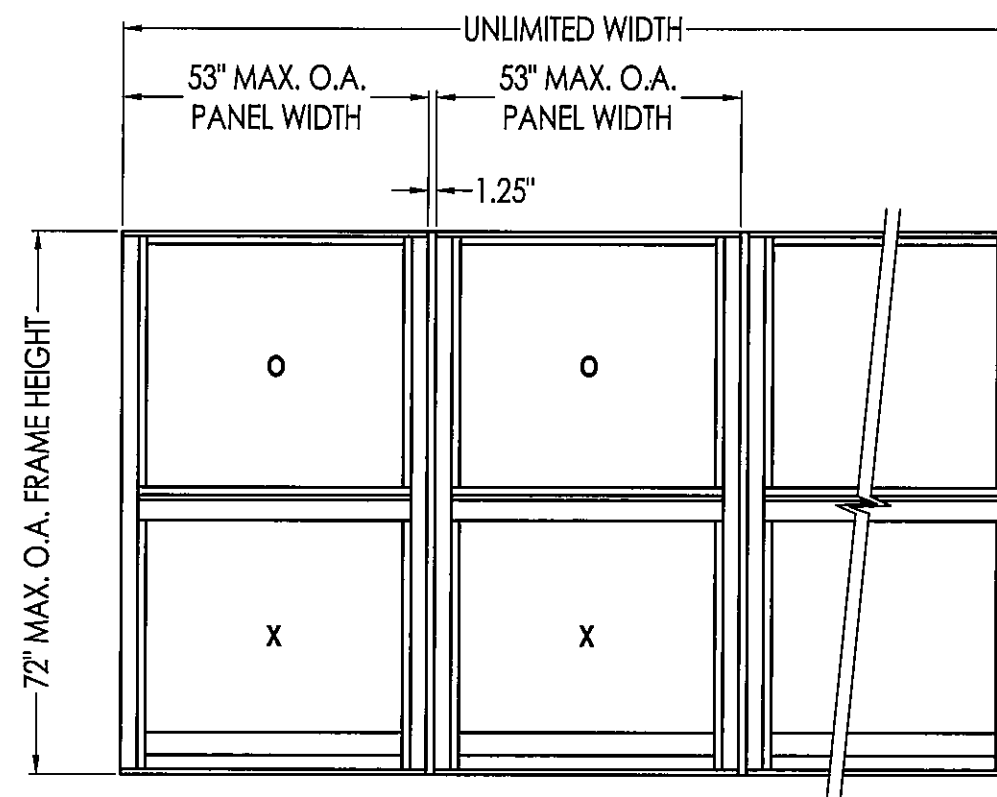




SERIES 400HW
SINGLE HUNG WINDOW
W/ THERML BREAK FRAME
"NON-IMPACT"



SINGLE UNIT



MULLED UNIT

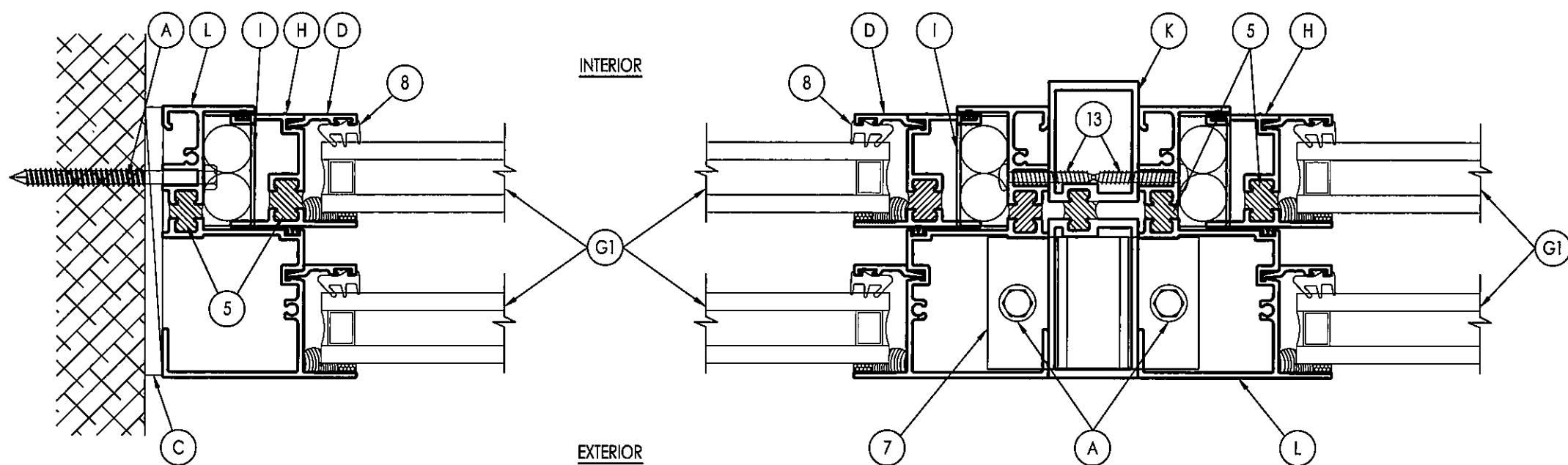
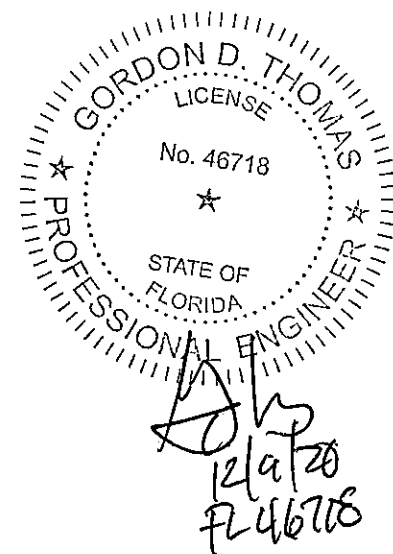
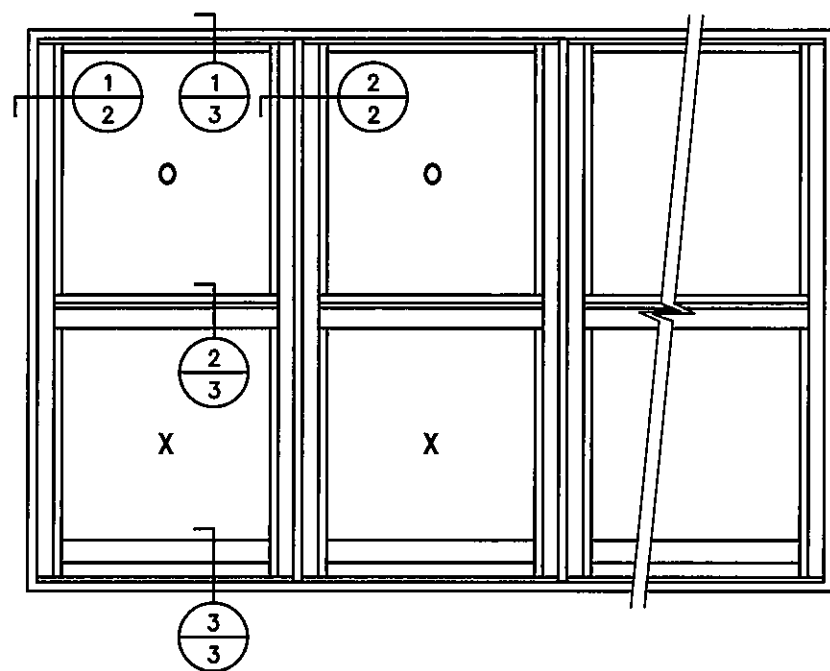
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the 2020 FBC.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licenced engineer or registered architect.

TABLE OF CONTENTES	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross section
3	Vertical cross sections
4	Frame anchoring
5	Bill of materials, glazing detail & components

CONFIGURATION	MAX. PANEL DIMENSION	MAX. D.L.O DIMENSION	GLASS TYPE	DESIGN PRESSURE (PDF)	
				POSITIVE	NEGATIVE
SINGLE UNIT	53.0" x 72.0"	47.5" x 32.0"	G1	+ 65.0	- 65.0
MULLED UNIT	53.0" x 72.0"	47.5" x 32.0"	G1	+ 65.0	- 65.0

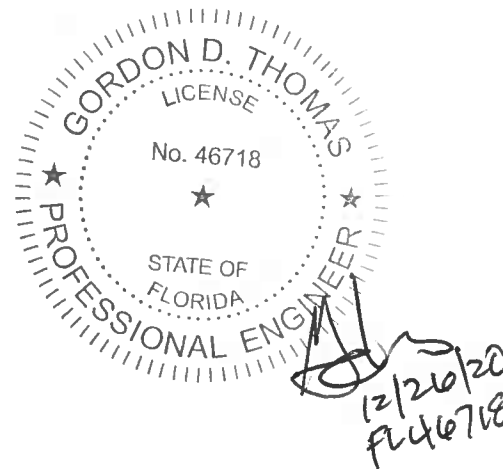
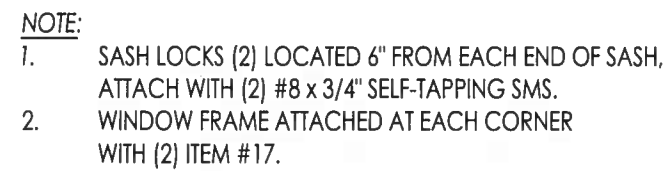
5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666				
PRODUCT: SUN METALS 400 HW SINGLE HUNG WINDOW	PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES			
NO	DATE	DESCRIPTION	BY	JCB
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC		
DATE: 08/24/18				
SCALE: NA				
DWG. BY: CO				
CHK BY: ECV				
DRAWING NO.: FL-3504.11				
SHEET: 1 OF 5				



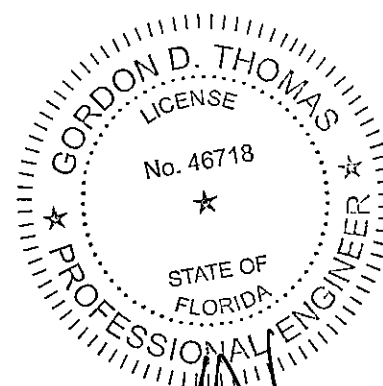
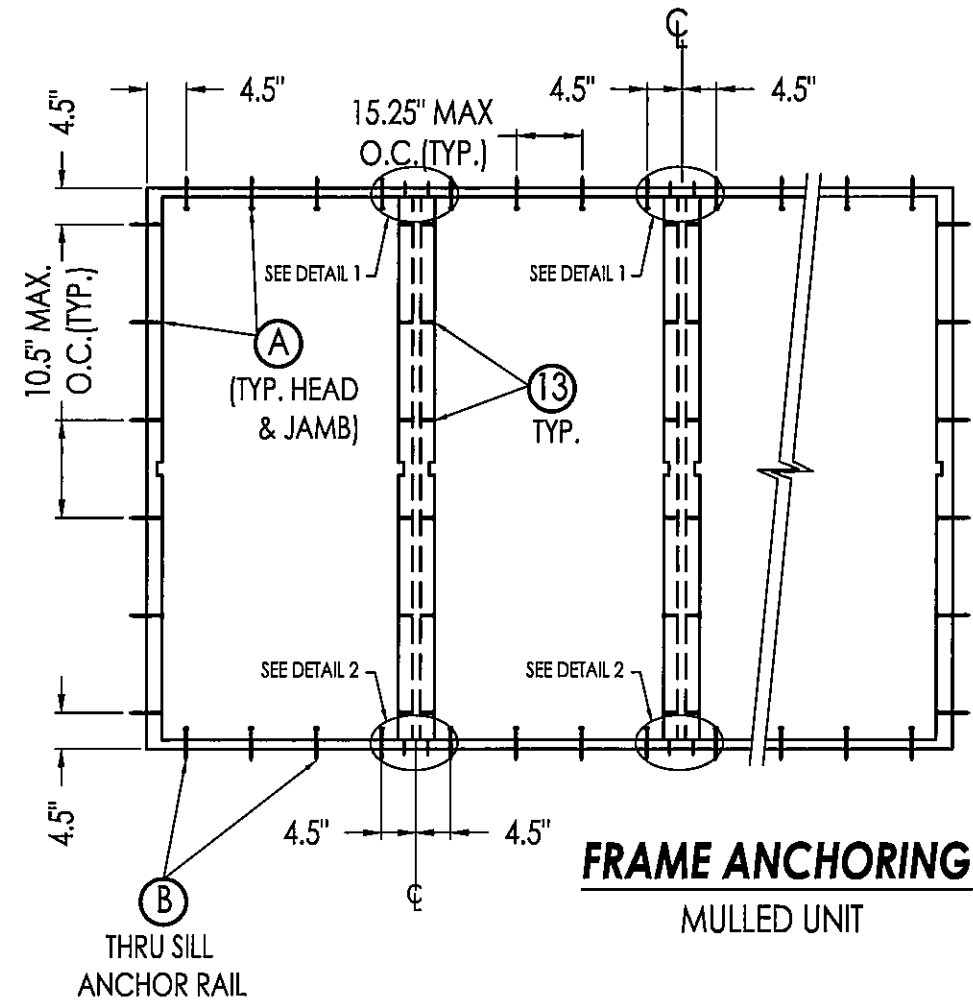
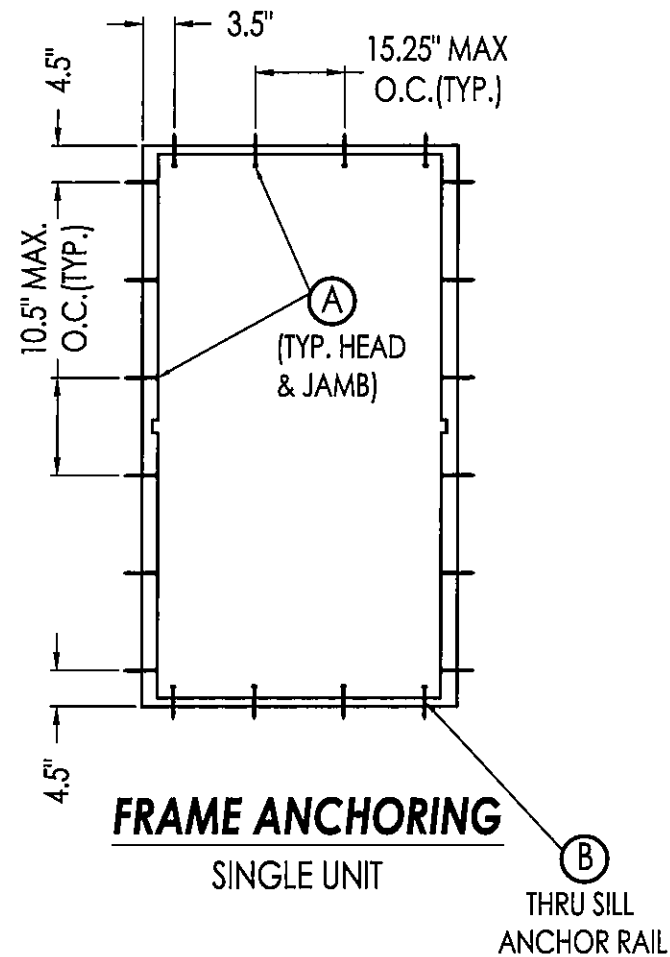
1
2 HORIZONTAL CROSS SECTION

2
2 HORIZONTAL CROSS SECTION

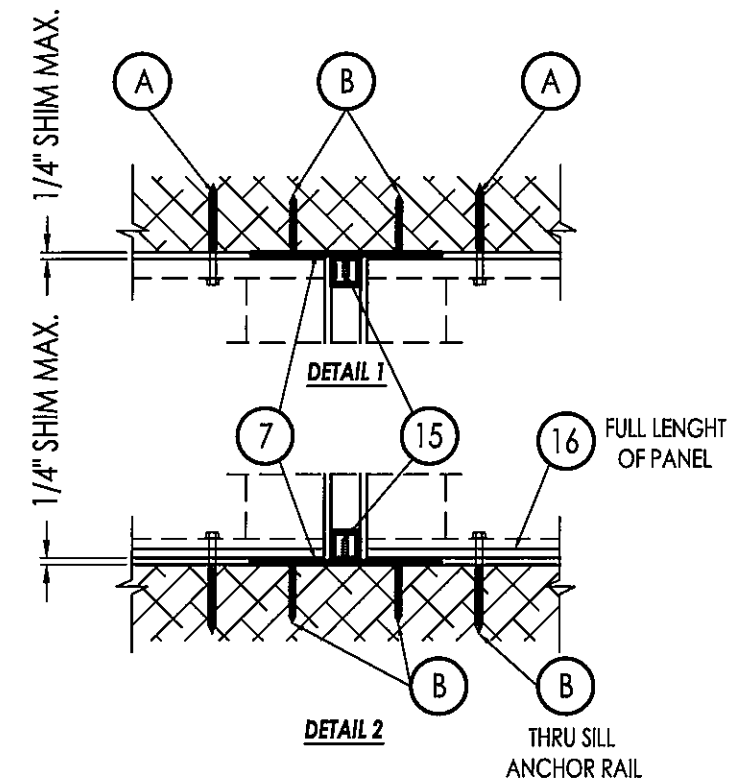
5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666 SUN METALS									
PRODUCT: SUN METALS 400 HW SINGLE HUNG WINDOW	PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS								
DATE: 08/24/18 SCALE: NA DWG. BY: CO CHK BY: ECV DRAWING NO.: FL-3504.11 SHEET: 2 OF 5	<table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>9/21/20</td> <td>UPDATE TO 7TH ED. (2020)</td> <td>JCB</td> </tr> </tbody> </table> REVISIONS	NO	DATE	DESCRIPTION	BY	1	9/21/20	UPDATE TO 7TH ED. (2020)	JCB
NO	DATE	DESCRIPTION	BY						
1	9/21/20	UPDATE TO 7TH ED. (2020)	JCB						



 SUN METALS		5008 TAMPA WEST BLVD. TAMPA, FLORIDA 33634 PHONE: (813) 889-0718 FAX: (813) 886-0666	
<u>PRODUCT:</u> SUN METALS 400 HW SINGLE HUNG WINDOW		<u>PART OR ASSEMBLY:</u> VERTICAL CROSS SECTIONS	
NO.	DATE	DESCRIPTION	BY
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC JCB	JCB
REVISIONS			
DATE: 08/24/18			
SCALE: NA			
DWG. BY: CO			
CHK BY: ECV			
DRAWING NO.: FL-3504.11			
SHEET: 3		OF 5	



12/9/20
FL 46718



APPROVED ANCHOR SCHEDULE

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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PRODUCT:
SUN METALS
400 HW SINGLE HUNG WINDOW

PART OR ASSEMBLY:
FRAME ANCHORING

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

DATE: 08/24/18

SCALE: NA

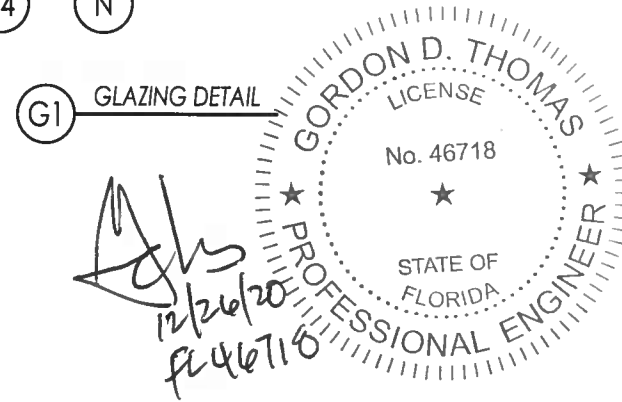
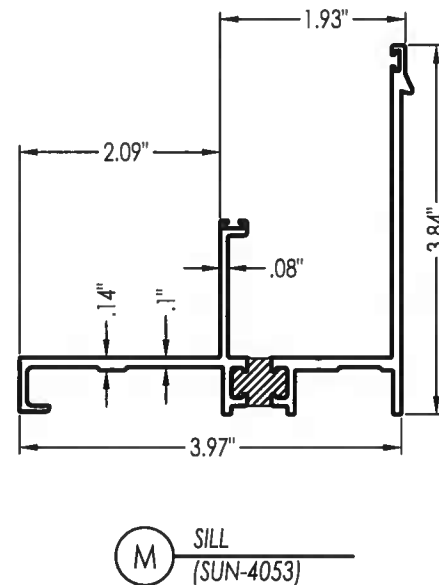
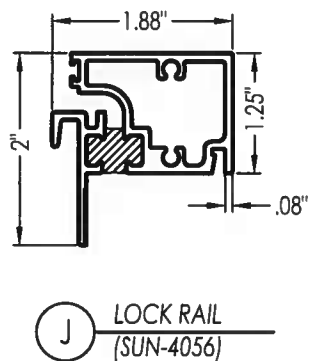
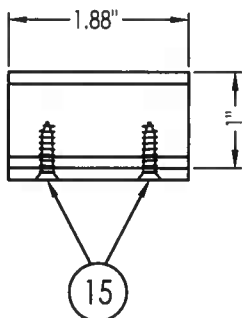
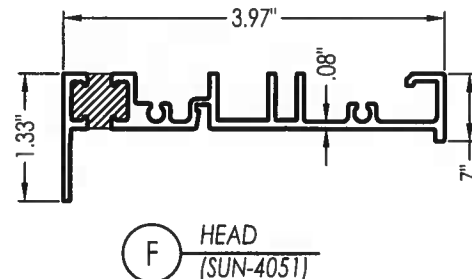
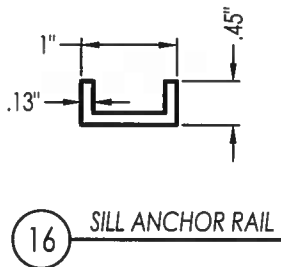
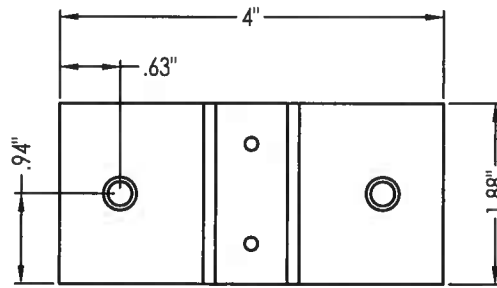
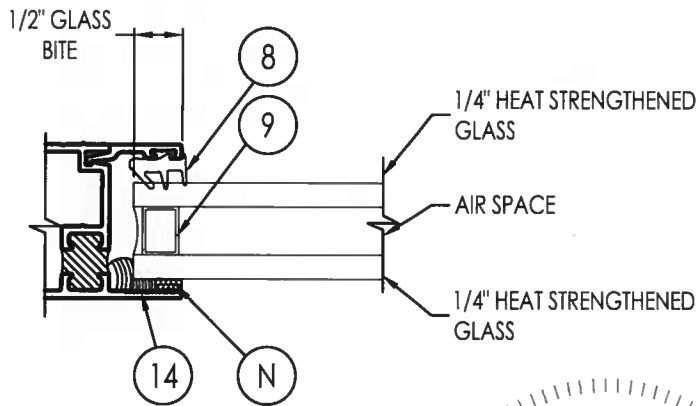
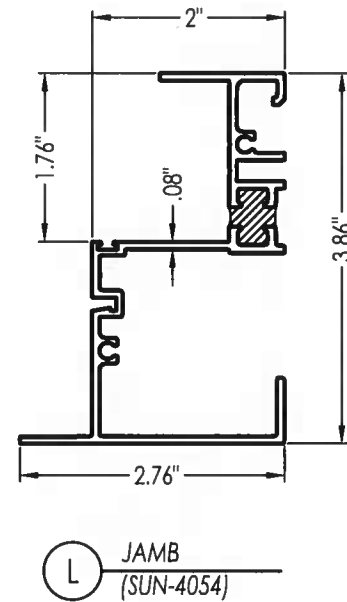
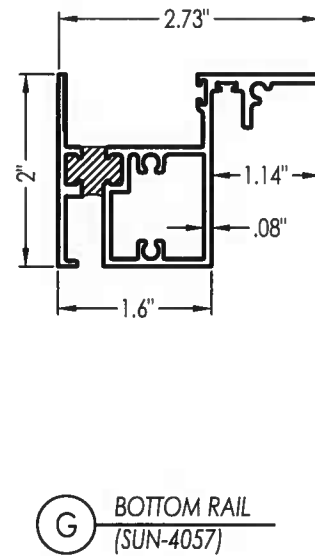
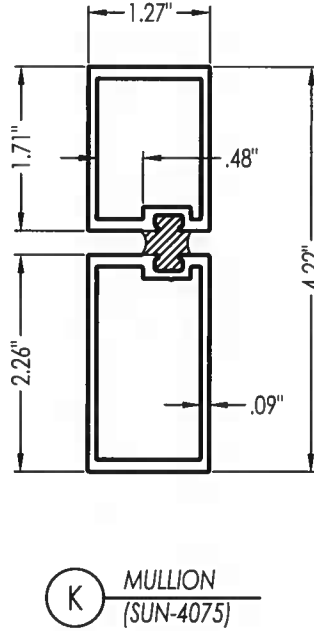
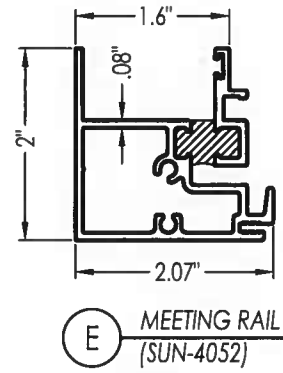
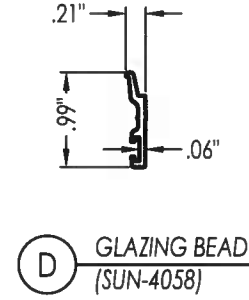
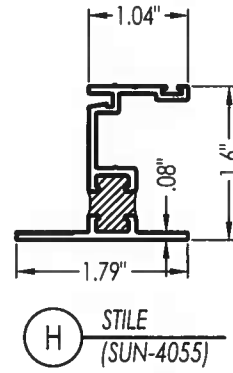
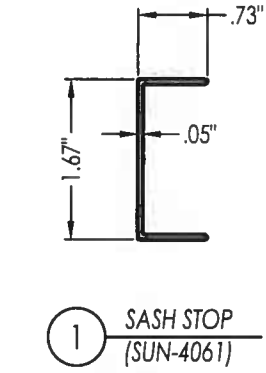
DWG. BY: CO

CHK BY: ECV

DRAWING NO.:
FL-3504.11

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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PRODUCT:
SUN METALS
400 HW SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BOM & COMPONENTS

REVISIONS		DESCRIPTION	DATE	BY	CHK
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-3504.11

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