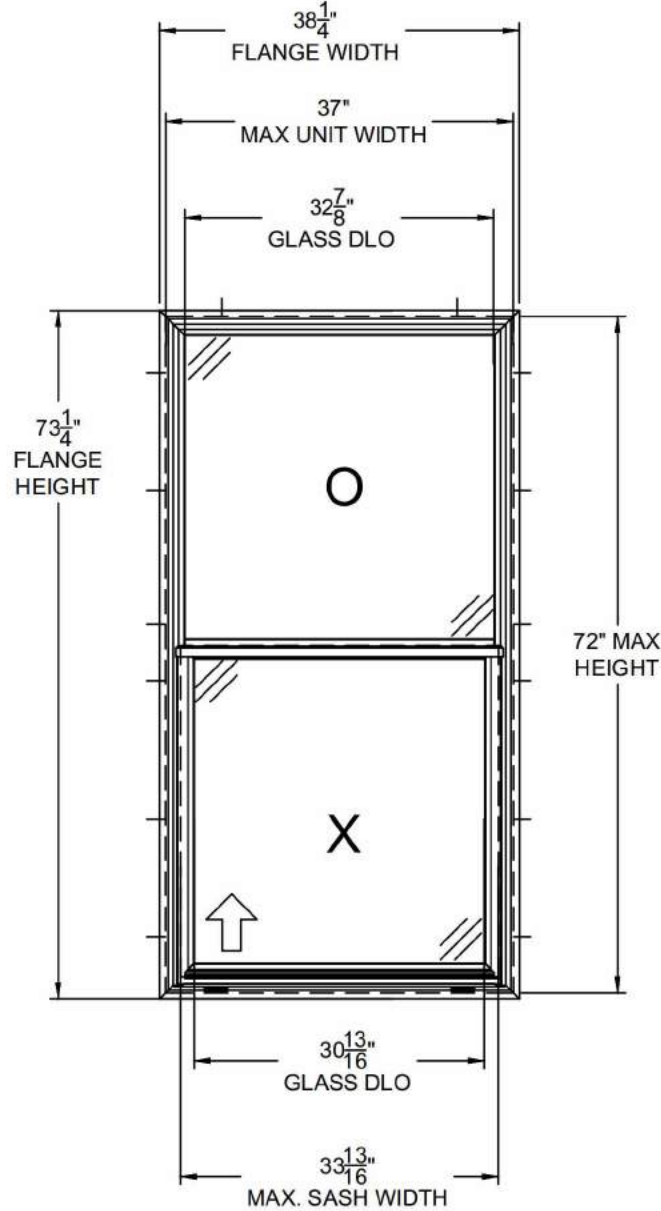
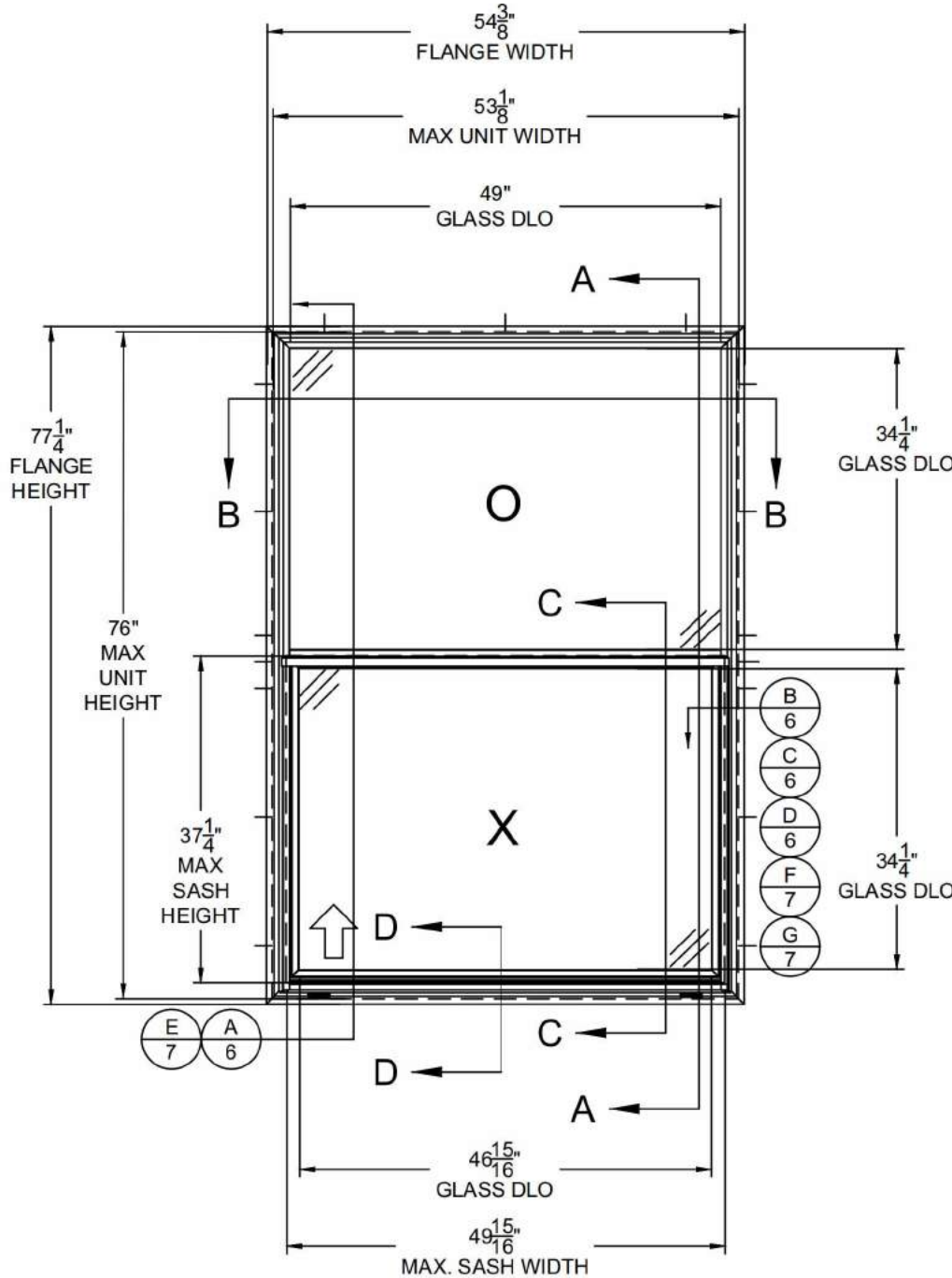


SINGLE HUNG - NON-IMPACT

(SHOWN w/DIFFERENT OPTIONS



UNIT A



UNIT B

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
2. GLAZING OPTIONS: (SEE SHEET 2)
 - UNIT A STANDARD WITH $\frac{3}{32}$ " GLASS
 - UNIT B STANDARD WITH $\frac{1}{8}$ " GLASS
3. CONFIGURATIONS: "O/X".
4. DESIGN PRESSURE RATING:
 - NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04.
 - POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04.
5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 6-7 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
7. ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL AND JAMB.
8. SERIES / MODEL DESIGNATION SH-610.
9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH
10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
11. EXTERNAL WEEP SLOT = $\frac{1}{4} \times 1\frac{1}{2}$ " LOCATED 5" FROM BOTH ENDS.

Lucas A. Turner
2016-08-05
15:14-04:00

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....1
GLAZING DETAILS.....2
SECTION VIEWS.....3
EXTRUSIONS & B.O.M.....4
ANCHOR SCHEDULE & NOTES.....5
INSTALLATION DETAILS.....6-7

MAX. UNIT SIZE	REINFORCEMENT	DESIGN PRESSURE RATING	IMPACT RATING
53-1/8" x 76"	2115	+/- 35 PSF	NONE
37" x 72"	2009/2115	+/- 35 PSF	NONE

Custom
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**610 PVC
SINGLE HUNG
NON-IMPACT**

C	ADDED SKINNY VERSION	SJB	06/27/16		
B	UPDATED POURED WALL	EMK	01/28/16		
A	NEW MTG RAIL & SILL	EMK	11/16/15		
NO.:	DESCRIPTION:	BY:	DATE:		
REVISIONS					



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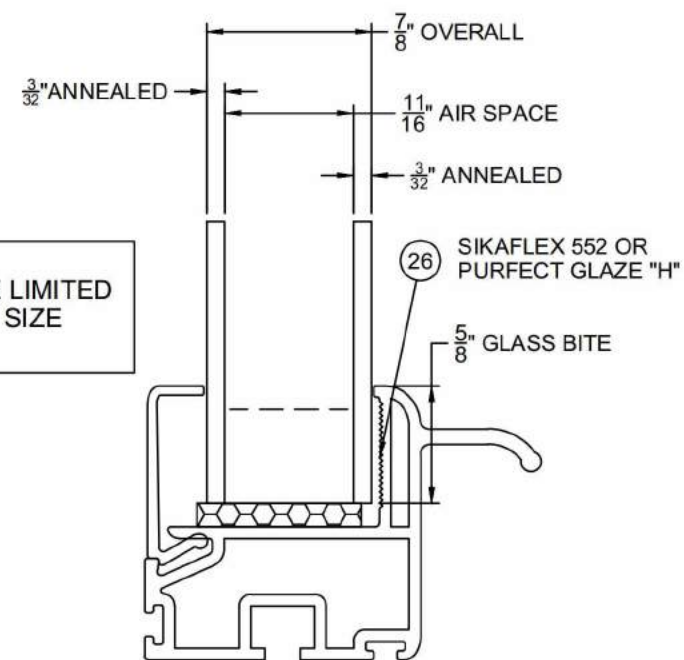
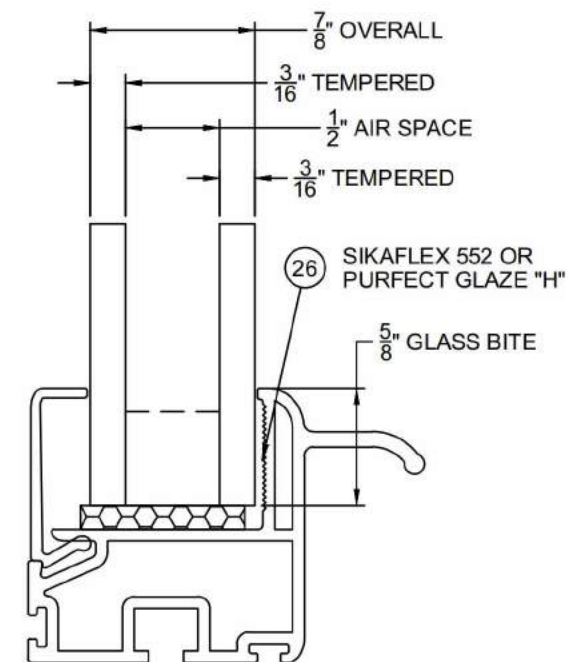
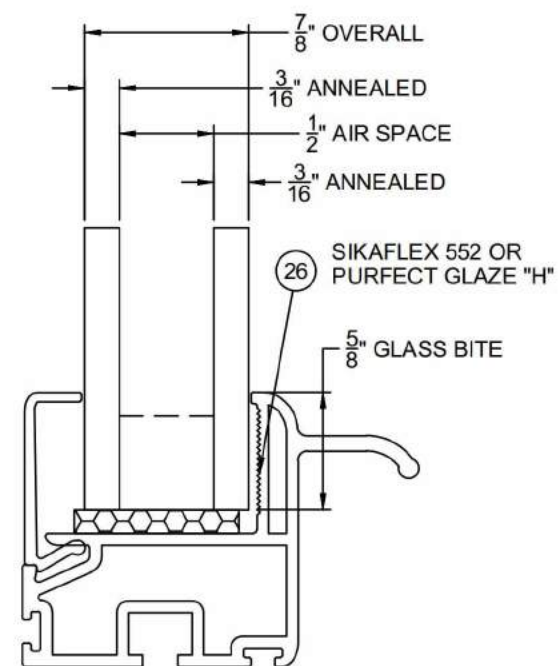
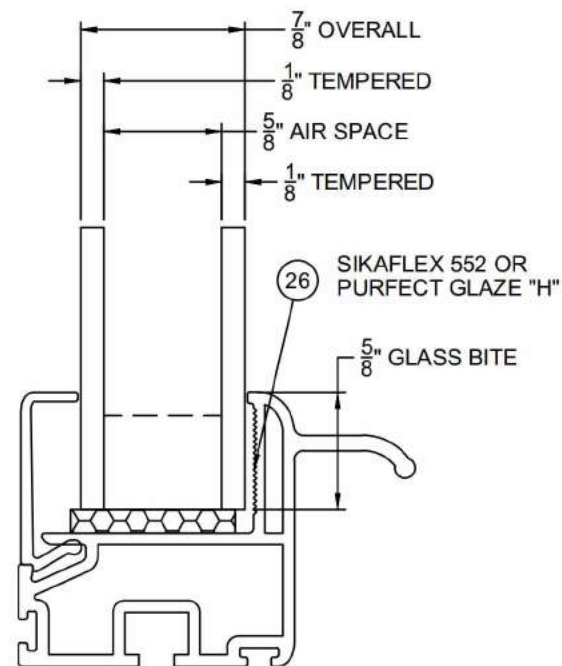
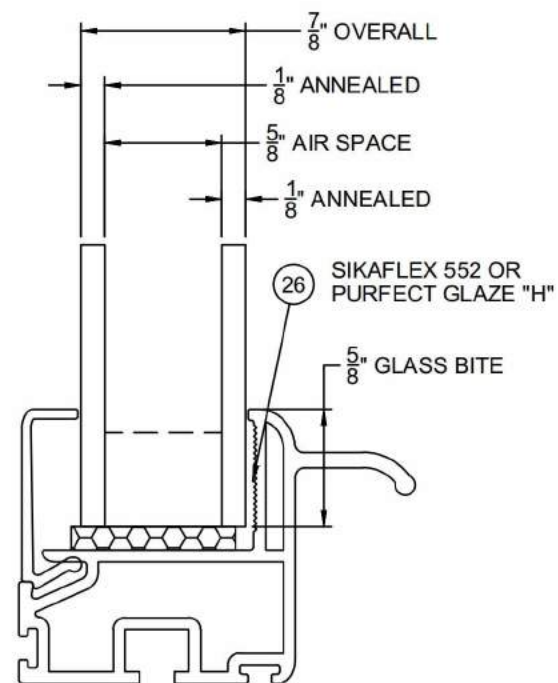
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SHEET DESCRIPTION:

GENERAL NOTES AND ELEVATIONS

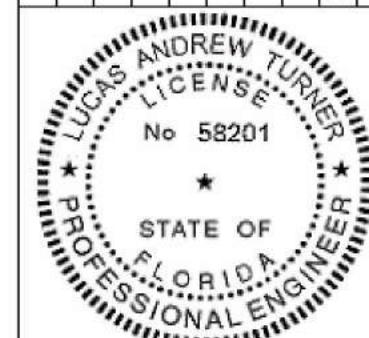
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DWG #: CWS-1099	REV.: C
SCALE: 1:15	SHEET 1 OF 7



NOTE: GLASS TYPE E LIMITED
TO 37" x 72" UNIT SIZE

**610 PVC
SINGLE HUNG
NON-IMPACT**

			C	ADDED SKINNY VERSION	SJB	06/27/16	
			B	UPDATED POURED WALL	EMK	01/28/16	
			A	NEW MTG RAIL & SILL	EMK	11/16/15	
			NO.:	DESCRIPTION:	BY:	DATE:	



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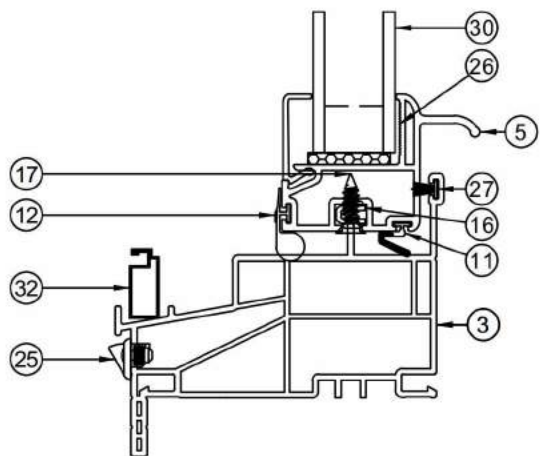
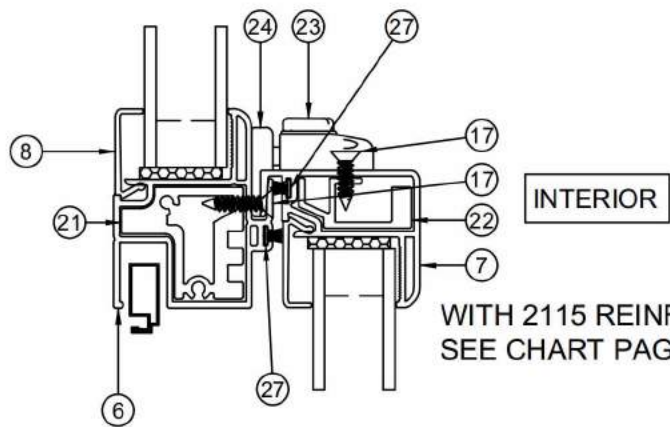
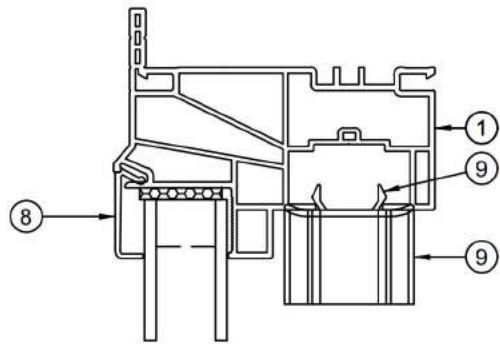
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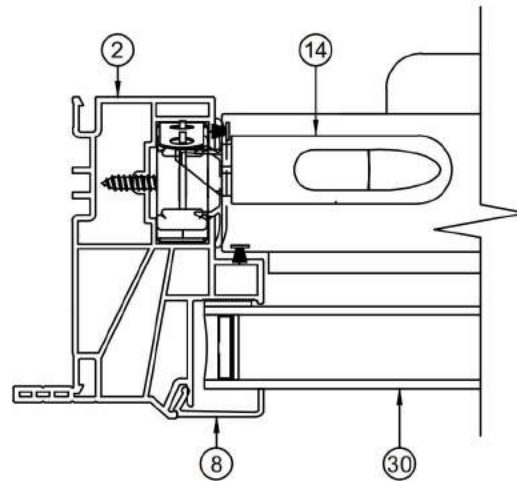
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DWG #: CWS-1099	REV.: C
SCALE: 1:1	SHEET 2 OF 7



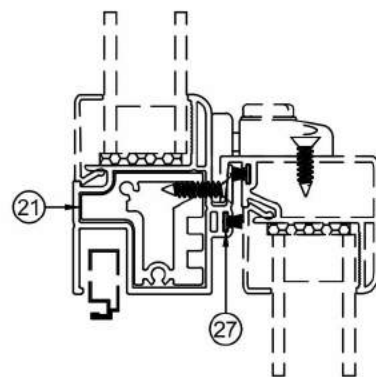
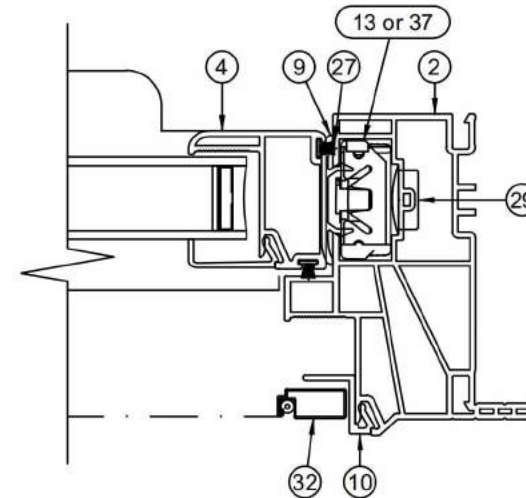
SECTION A-A

NOTE: ITEMS NOT SHOWN FOR CLARITY: 38-41

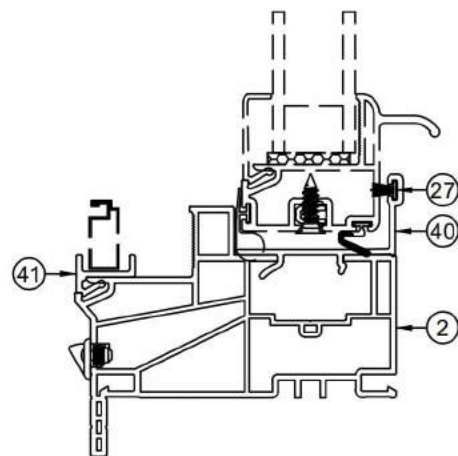


SECTION B-B

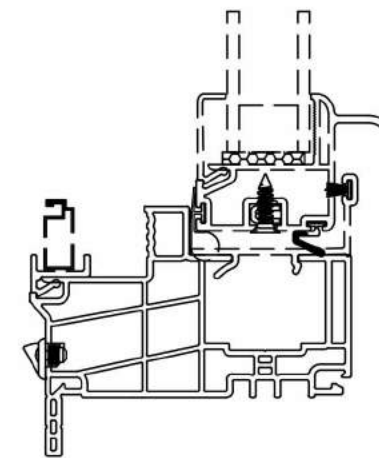
NOTE: LEFT SIDE SHOWS FIXED SECTION VIEW,
RIGHT SIDE SHOWS SASH SECTION VIEW.



WITHOUT 2115 REINFORCEMENT
SEE CHART PAGE 1



SECTION C-C
ALTERNATE HD MEETING RAIL
AND UNI-FRAME



SECTION D-D
DEEP POCKET UNI-FRAME

NOTES:
- FIN FRAME AVAILABLE FOR BOTH UNI-FRAME
AND STANDARD FRAME TYPES.
- 880 BALANCERS AND DEEP POCKET UNI-FRAME
(H-6193) REQUIRED FOR LARGER SASHES. (NOT
SHOWN IN SECTION B-B)

**610 PVC
SINGLE HUNG
NON-IMPACT**

NO.	DESCRIPTION:	BY:	DATE:
C	ADDED SKINNY VERSION	SJB	06/27/16
B	UPDATED POURED WALL	EMK	01/28/16
A	NEW MTG RAIL & SILL	EMK	11/16/15



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8/5/2016

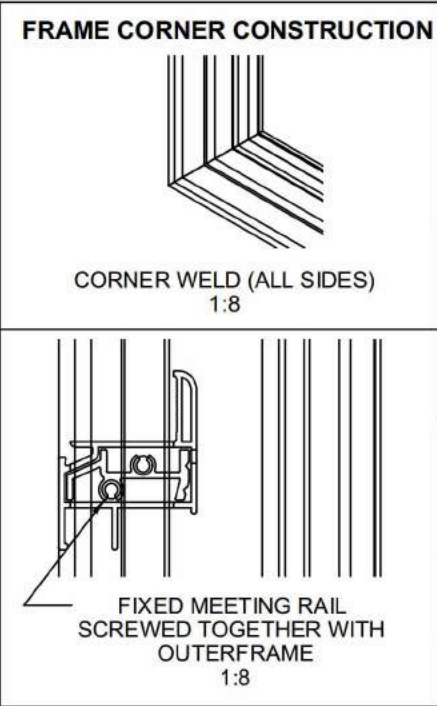
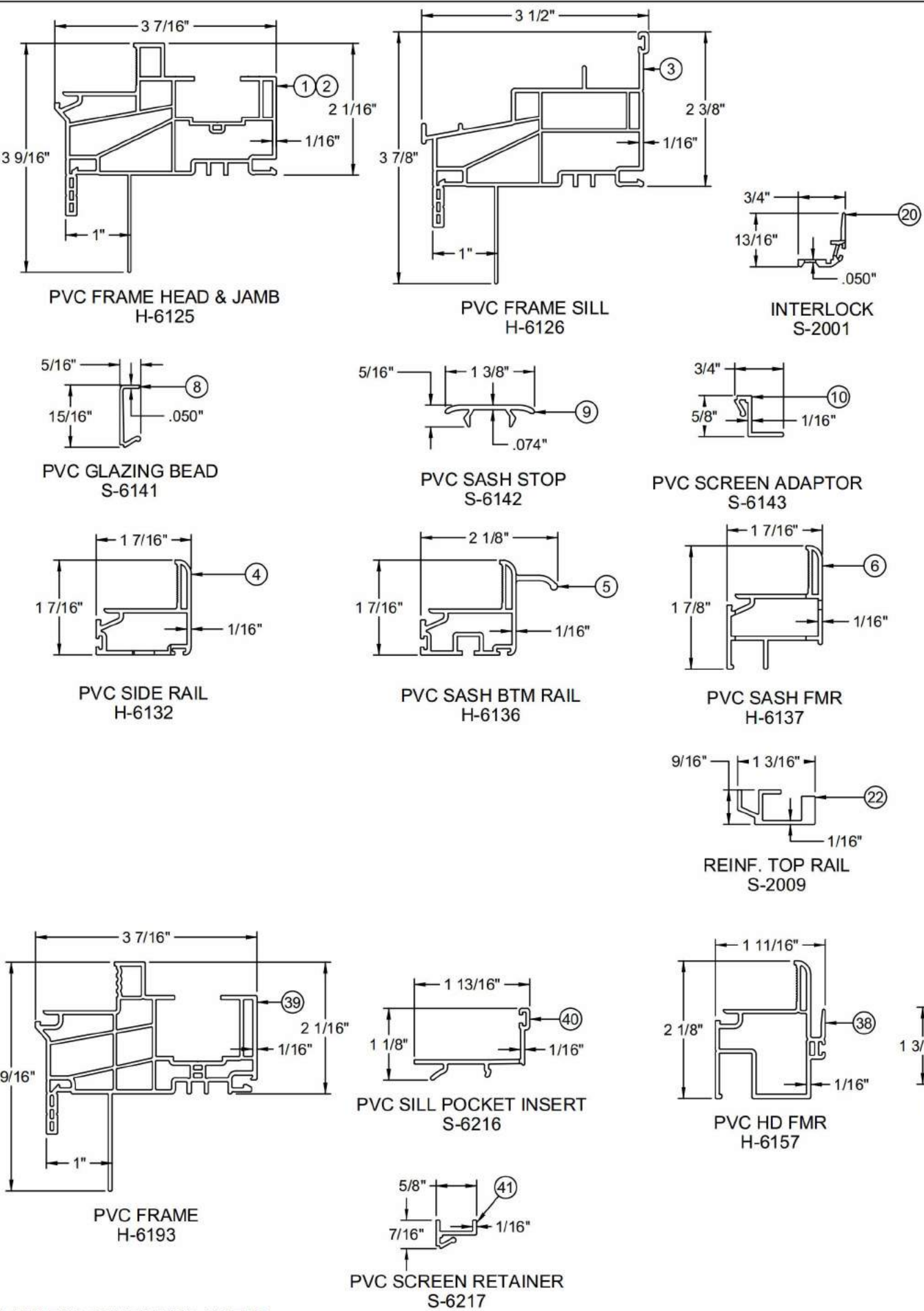
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SHEET DESCRIPTION:

SECTION VIEWS

DRAWN BY:	DATE:
SJB	06/27/16
DWG #:	REV.:
CWS-1099	C
SCALE:	SHEET
1:2	3 OF 7

ITEM	PART	DESCRIPTION	MATERIAL	VENDOR
1	H-6125	HEAD, OUTERFRAME	PVC	ATN
2	H-6125	JAMBS, OUTERFRAME	PVC	ATN
3	H-6126	SILL, OUTERFRAME	PVC	ATN
4	H-6132	SASH SIDE RAIL	PVC	ATN
5	H-6136	SASH BOTTOM RAIL	PVC	ATN
6	H-6137	FIXED MEETING RAIL	PVC	ATN
7	H-6138	SASH TOP RAIL	PVC	ATN
8	S-6141	GLAZING BEAD	PVC	ATN
9	S-6142	SASH STOP	PVC	ATN
10	S-6143	SCREEN ADAPTOR	PVC	ATN
11	P-5085	WSTP, QLON BULB VINYL		AMESBURY
12	P-5086	WSTP, QLON BULB VINYL		AMESBURY
13		BALANCERS - CONSTANT FORCE RT 562		CALDWELL
14	P-5392	SASH TILT LATCH	NYLON	CALDWELL
15	P-5393	PIVOT CARRIER	NYLON	CALDWELL
16	P-5396	PIVOT BAR	SS	CALDWELL
17	P-3515	#8 x 5/8 PHIL FLAT WHITE SMS	STEEL	FASTENAL
18	P-4146	#8 X 3/4 PHIL FLAT tek	STEEL	FASTENAL
19	P-3028	SETTING BLOCK	RUBBER	FRANK LOWE
20	S-2001	INTERLOCK RAIL	ALUM	ASCEND
21	H-2115	REINF, HD FMR	ALUM	KEYMARK
22	S-2009	REINF, TOP RAIL	ALUM	ASCEND
23	P-5388	LOCKS	NYLON	LAWRENCE
24	P-5389	KEEPERS	NYLON	LAWRENCE
25	P-5420	WEEP COVER	NYLON	M&M
26		HOTMELT	SILICONE	TRUSEAL
27	P-3305	WSTP, .270 X 187, SOFT TOUCH FIN		ULTRAFAB
28	P-5425	WSTP, .200 X 5/8" X 5/8" DUST PLUG		ULTRAFAB
29	P-5390	HOLE PLUG	NYLON	
30	GLASS	SEE SHEET 2		
31	P-4638	#8 X 2-1/2 PHIL TRUSS tek	STEEL	FASTENAL
32	P-3218	SCREEN FRAME	ALUM	FLA SCREEN
33	P-4754	SCREEN CORNER KEY	NYLON	FLA SCREEN
34	P-3228	SCREEN SPLINE		DAPA
35	P-3029	SCREEN LIFTS		SUMMIT
36	P-3033	SCREEN SPRINGS		FLA SCREEN
37		BALANCERS - CONSTANT FORCE RT 880		
38	H-6157	HD FIXED MEETING RAIL	PVC	VISION
39	H-6193	UNI-FRAME, 880 BALANCERS	PVC	VISION
40	S-6216	UNI-FRAME SILL POCKET INSERT	PVC	VISION
41	S-6217	UNI-FRAME SCREEN RETAINER	PVC	VISION



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610 PVC SINGLE HUNG NON-IMPACT

				06/27/16		
				SJB	EMK	01/28/16
					EMK	11/16/15
					BY:	DATE:
				ADDED SKINNY VERSION	UPDATED POURED WALL	
				C	B	
				A	NEW MTG RAIL & SILL	
				NO.:	DESCRIPTION:	

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8/5/2016

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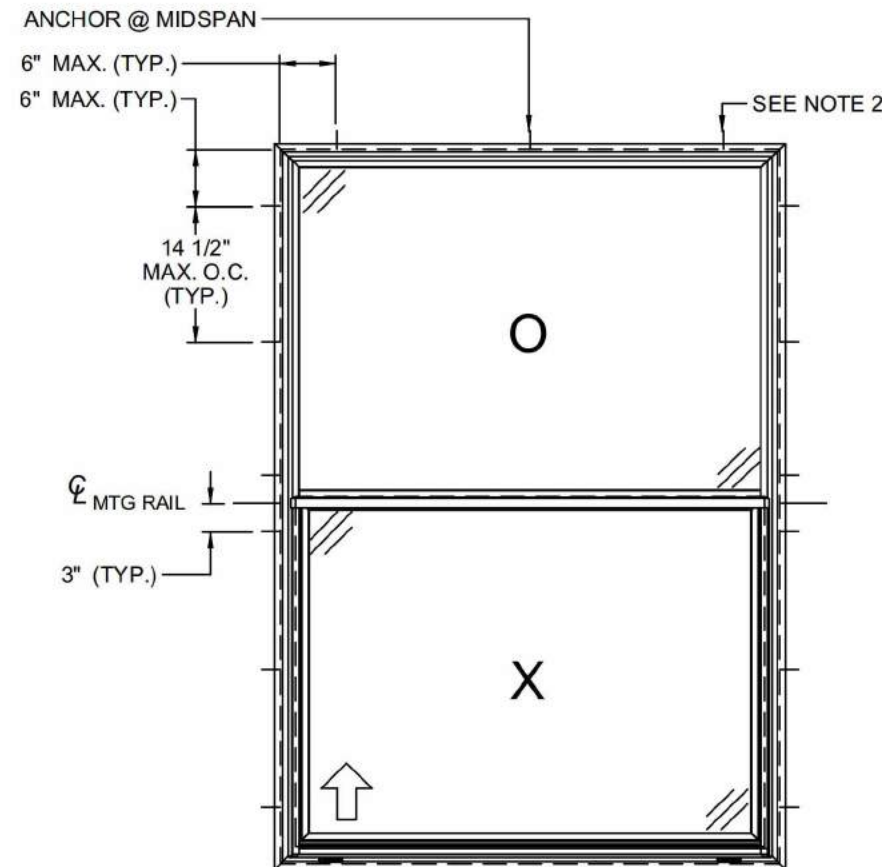
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BOM AND EXTRUSIONS

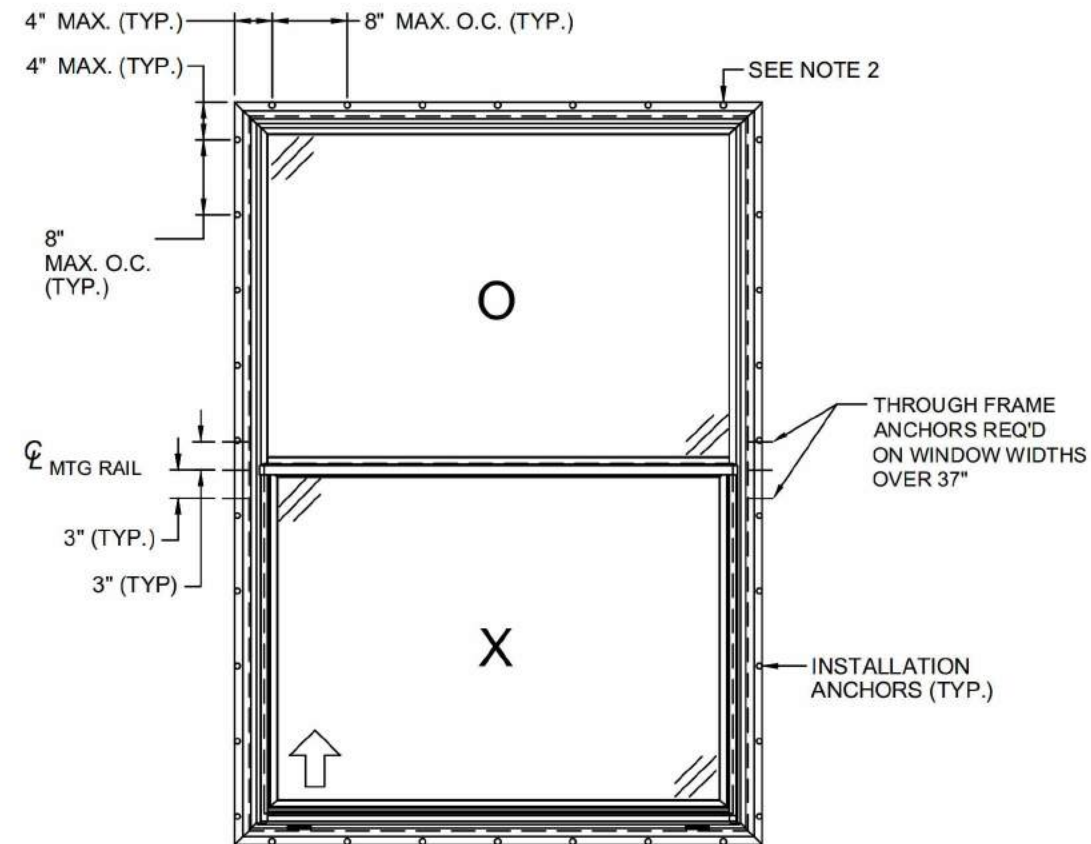
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SJB	06/27/16
DWG #:	REV.:
CWS-1099	C
SCALE:	SHEET
1:2	4 OF 7

LINE ITEMS NOT USED:
25, 29-30

NOTE: ALL EXTRUSIONS ARE ALUM. 6063-T6 UNLESS OTHERWISE NOTED.



ANCHOR LAYOUT - (FLANGE)
[NO SILL ANCHORS REQUIRED]



ANCHOR LAYOUT - (FIN)

NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 6.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 6.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE - 1X BUCKS ARE OPTIONAL.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3" FOR MASONRY, 1" FOR WOOD AND METAL.
8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1, SHEET 6. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS:
FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)

610 PVC
SINGLE HUNG
NON-IMPACT

				06/27/16		
				SJB	EMK	DATE:
				ADDED SKINNY VERSION	EMK	BY:
				UPDATED POURED WALL	EMK	DESCRIPTION:
				NEW MTG RAIL & SILL	EMK	NO.:
						REVISIONS



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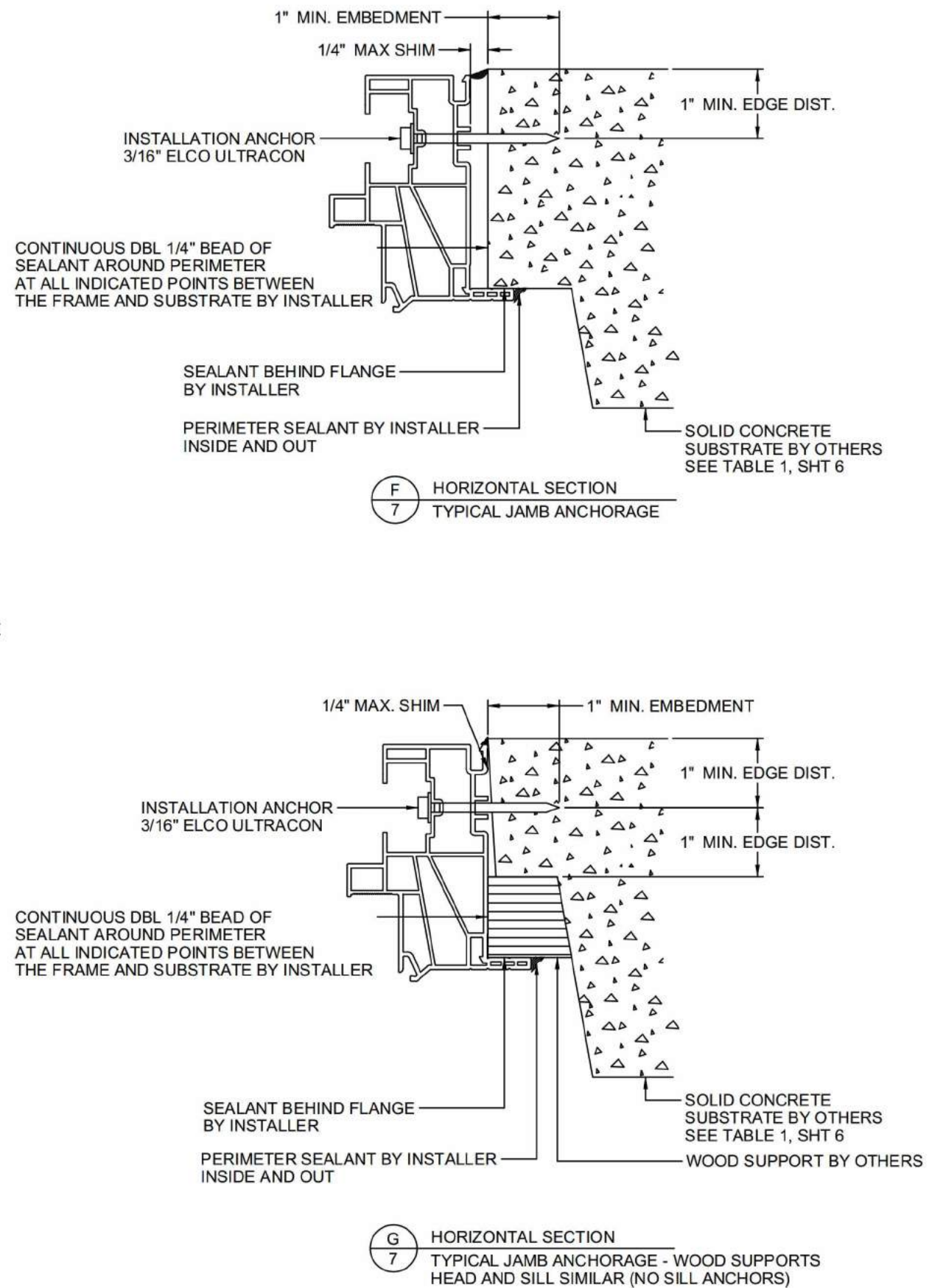
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SHEET DESCRIPTION:

ANCHOR SCHEDULE AND
NOTES

DRAWN BY:	DATE:
SJB	06/27/16
DWG #:	REV.:
CWS-1099	C
SCALE:	SHEET
1:25	5 OF 7



NOTE: INSTALLATION ON THIS SHEET ARE FOR SOLID POURED WALLS USED SPECIFICALLY IN THE VILLAGES, FL. OR FOR SIMILAR SOLID POURED WALL INSTALLATIONS.