

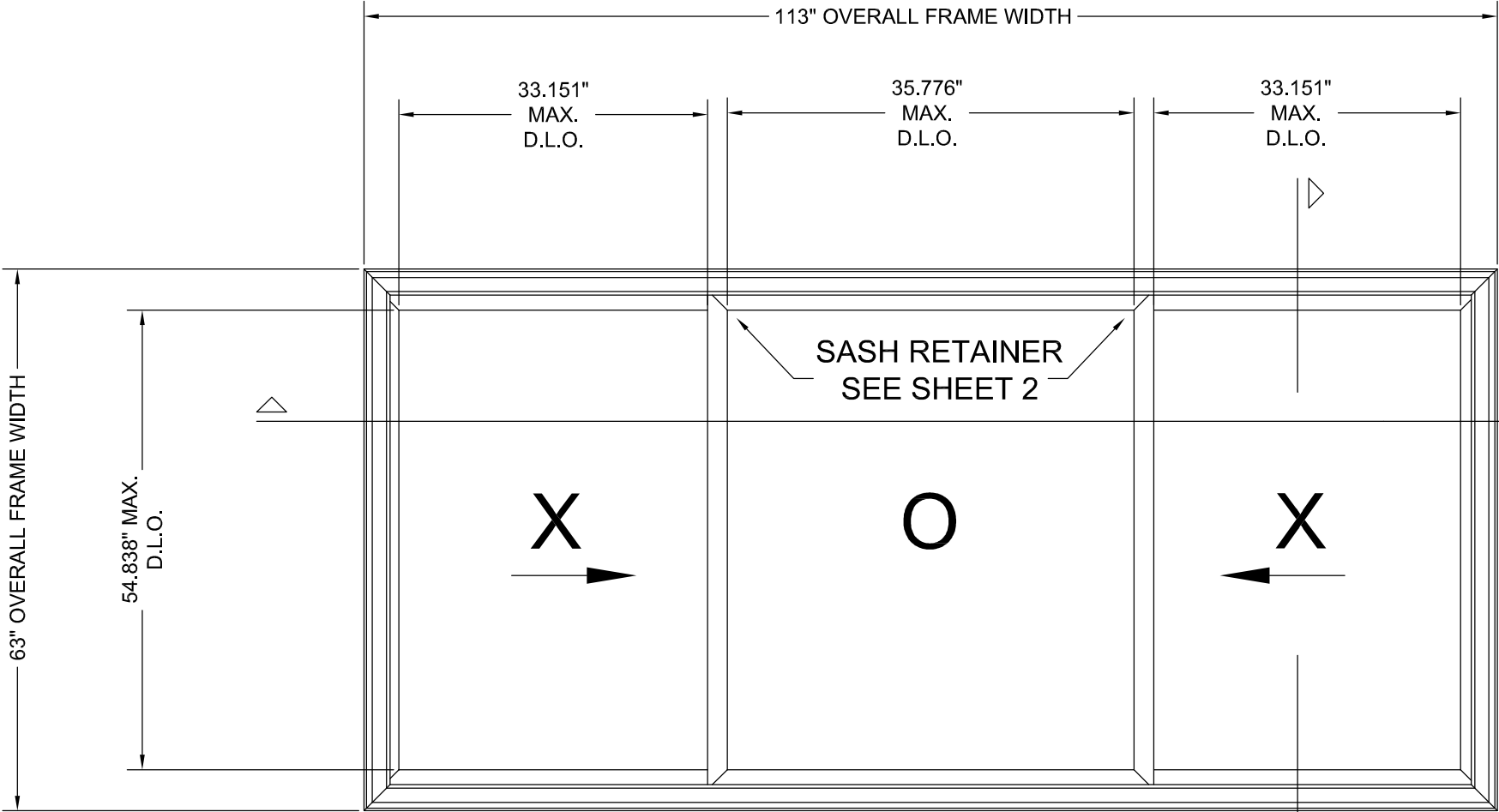


1 COCHRANE AVE. PENNSBORO, WV 26415 PH.
800-426-2249

07-09 / 07-10 / 07-20
STORMBREAKER PLUS 300VL
IMPACT RESISTANT VINYL
HORIZONTAL 3-LITE SLIDING WINDOW
EQUAL LITE

GENERAL NOTES:

1. THIS WINDOW SYSTEM IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE, INCLUDING HVHZ, AND WAS TESTED USING METHODS TAS 201, TAS 202, AND TAS 203.
2. HIGH QUALITY CAULK SHALL BE USED AROUND THE ENTIRE WINDOW PERIMETER, INSIDE AND OUT. EXTERIOR CAULKING SHALL BE CAP BEAD FOR EQUAL LEG FRAMES, OR BEHIND FINS/FLANGES FOR THOSE FRAME TYPES.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WINDOW OPENING AND ALL WOOD FRAMING AROUND THE WINDOW.
4. WOOD BUCKS, BY OTHERS, MUST SUSTAIN ALL IMPOSED LOADS AND MUST BE PROPERLY ANCHORED TO TRANSFER LOADS TO THE STRUCTURE AND SHALL BE INSPECTED BY A BUILDING OFFICIAL. WOOD BUCK MIN. G = 0.42.
5. FOR INSTALLATION INTO CONCRETE/MASONRY, ANCHORS MUST NOT BE INSTALLED INTO MORTAR JOINTS. LOCATION SHOULD BE ADJUSTED SO THAT THE ANCHOR IS AT LEAST 2" FROM MORTAR JOINTS. CONCRETE/MASONRY SUBSTRATES SHALL CONSIST OF NON-CRACKED SOLID CONCRETE OR GROUT-FILLED CMU, 2000 PSI MIN.
6. SHIMS MUST BE USED WHEN GAP OF GREATER THAN 1/16" BETWEEN FRAME AND OPENING IS PRESENT AT THE ANCHOR LOCATION. MAX. SHIM STACK IS 1/4".
7. ONLY MIAMI-DADE COUNTY APPROVED CORROSION RESISTANT FASTENERS AND ITW TAPCON FASTENERS SHALL BE USED.
8. WINDOW INSTALLERS SHALL FOLLOW ALL MANUFACTURER'S INSTRUCTIONS.
9. NO SHUTTERS OR EXTERNAL PROTECTION DEVICES ARE REQUIRED.
10. GLAZING INDICATED HEREIN COMPLIES WITH ASTM E1300.



DESIGN PRESSURE RATING	IMPACT RATING
+50.0 PSF -50.0 PSF	LARGE MISSILE

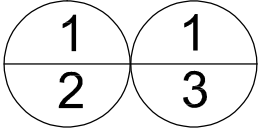


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4	HORIZONTAL CROSS SECTIONS - 07-09 / 07-10 / 07-20
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6	ANCHORING LOCATIONS & GLAZING DETAILS (NAILING FIN)
7	COMPONENTS & BILL OF MATERIALS

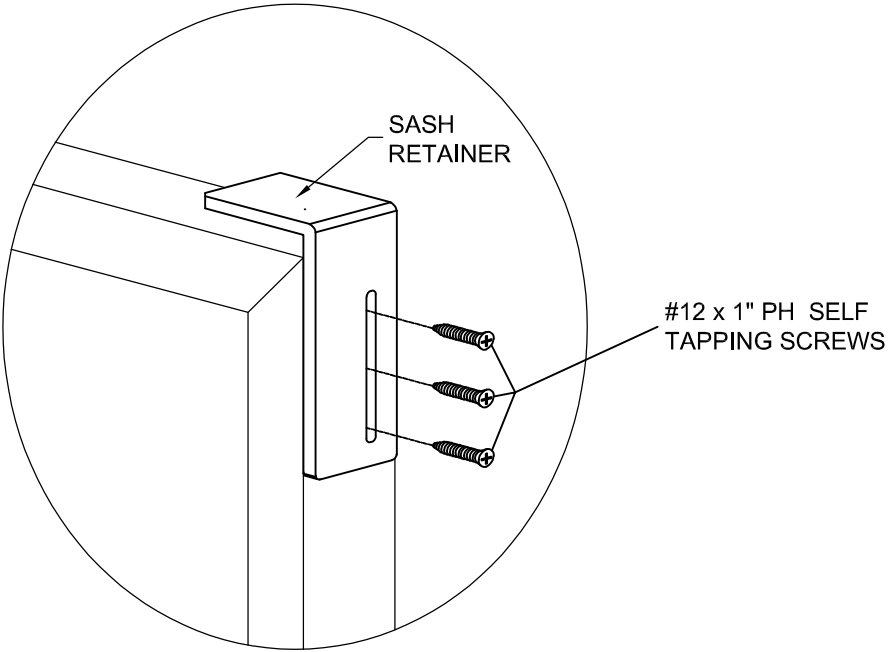
FL 16389

 SIMON TON® W I N D O W S 1 Cochrane Avenue Pennsboro, WV 26415		SIZE: B		DRAWING NO.: DA0014		REV.: 3			
		DRAWN BY: LMH		DATE: 02/01/17					
		CHECKED BY:		DATE:					
		APPRV'D BY:		DATE:					
SCALE: FIT		SHEET: 1 of 7							
SERIES: STORMBREAKER PLUS 300VL 3-LITE END VENT SLIDER-2X									
TITLE: GENERAL NOTES & TYPICAL ELEVATIONS									

AS-TESTED

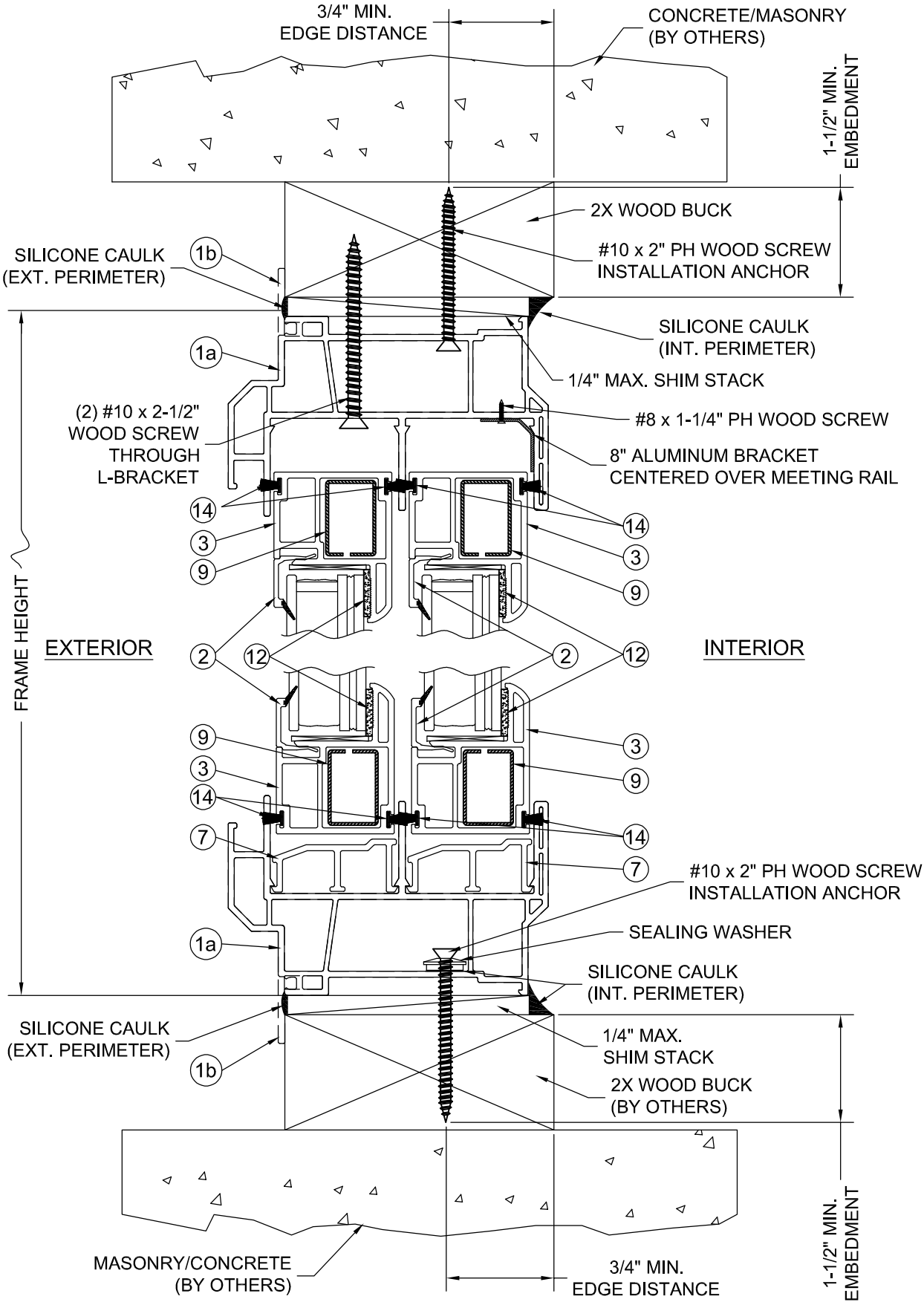
REV. #:	REVISIONS:	REVISED BY:	DATE:
1	UPDATED FOR 7TH ED. (2020) FBC	LMH	11/04/2020
2	UPDATED FOR 8TH ED. (2023) FBC	LMH	12/04/2023
3	UPDATED TO CURRENT FBC	LMH	09/14/2026
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- NOTES:
- SHIMS TO BE A "RIGID/STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY, FL AND FLORIDA BUILDING CODE.
 - APPLY CAULK AROUND SCREWS AT THE SILL ONLY.
 - REPLACE ONE L-BRACKET SCREW WITH AN INSTALLATION SCREW. (APPROX. 1-3/4" FROM CENTERLINE) IN HEAD.
 - CORROSION RESISTANT FASTENERS AND MATERIALS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - WHEN THE PRODUCT SPECIFIED HEREIN IS INSTALLED WITHIN 3000 FEET OF A SALTWATER COASTLINE, ALL ANCHORS AND CLIPS MUST COMPLY WITH SALTWATER ENVIRONMENT CORROSION RESISTANCE REQUIREMENTS OF FBC SECTION 1711.



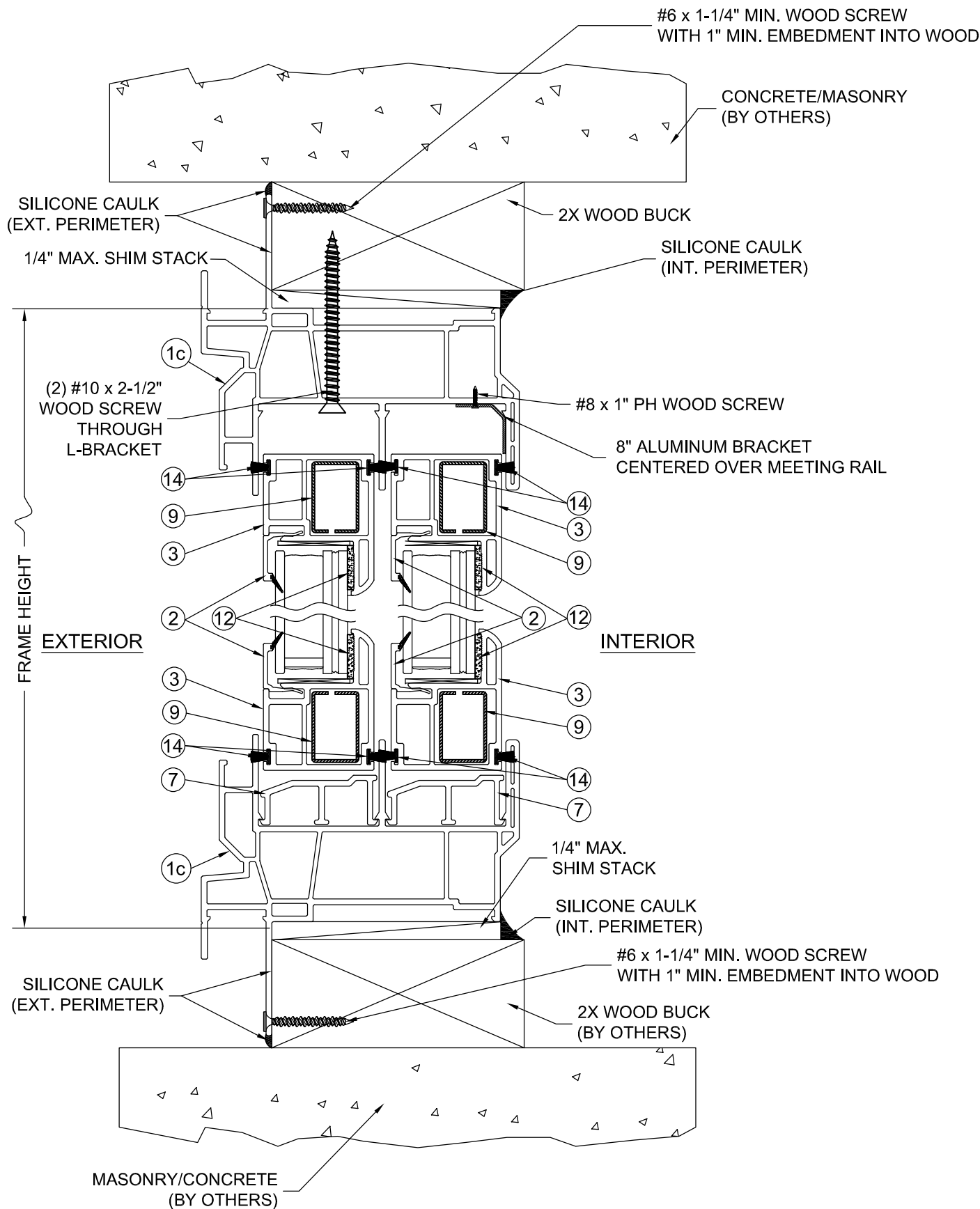
OPERATING SASH
SASH RETAINER INSTALLATION

AS-TESTED



1 VERTICAL CROSS SECTION (2X BUCK)
2 07-09 RETRO / 07-10 FLANGE INSTALLATION

 1 Cochrane Avenue Pennsboro, WV 26415	SIZE: B	DRAWING NO.: DA0014	REV.: 3
	DRAWN BY: LMH	DATE: 02/01/17	CHECKED BY:
SCALE: FIT	SHEET: 2 of 7	APPRV'D BY:	DATE:
SERIES: STORMBREAKER PLUS 300VL 3-LITE END VENT SLIDER-2X			
TITLE: VERTICAL CROSS SECTIONS - 07-09 RETRO / 07-10 FLANGE			



1 VERTICAL CROSS SECTION (2X BUCK)
3 07-20 NAILING FIN INSTALLATION

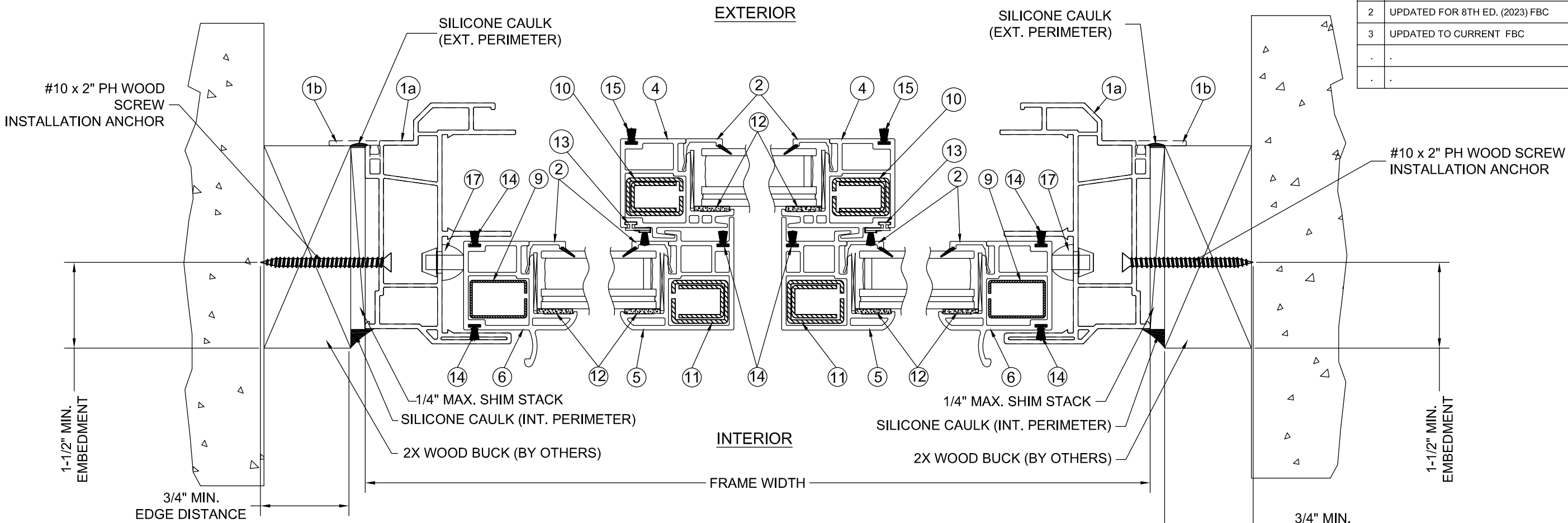
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 - APPLY CAULK AROUND SCREWS AT THE SILL ONLY.
 - REPLACE ONE L-BRACKET SCREW WITH AN INSTALLATION SCREW. (APPROX. 1 3/4" FROM CENTERLINE) IN HEAD.
 - CORROSION RESISTANT FASTENERS AND MATERIALS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - WHEN THE PRODUCT SPECIFIED HEREIN IS INSTALLED WITHIN 3000 FEET OF A SALTWATER COASTLINE, ALL ANCHORS AND CLIPS MUST COMPLY WITH SALTWATER ENVIRONMENT CORROSION RESISTANCE REQUIREMENTS OF FBC SECTION 1711.

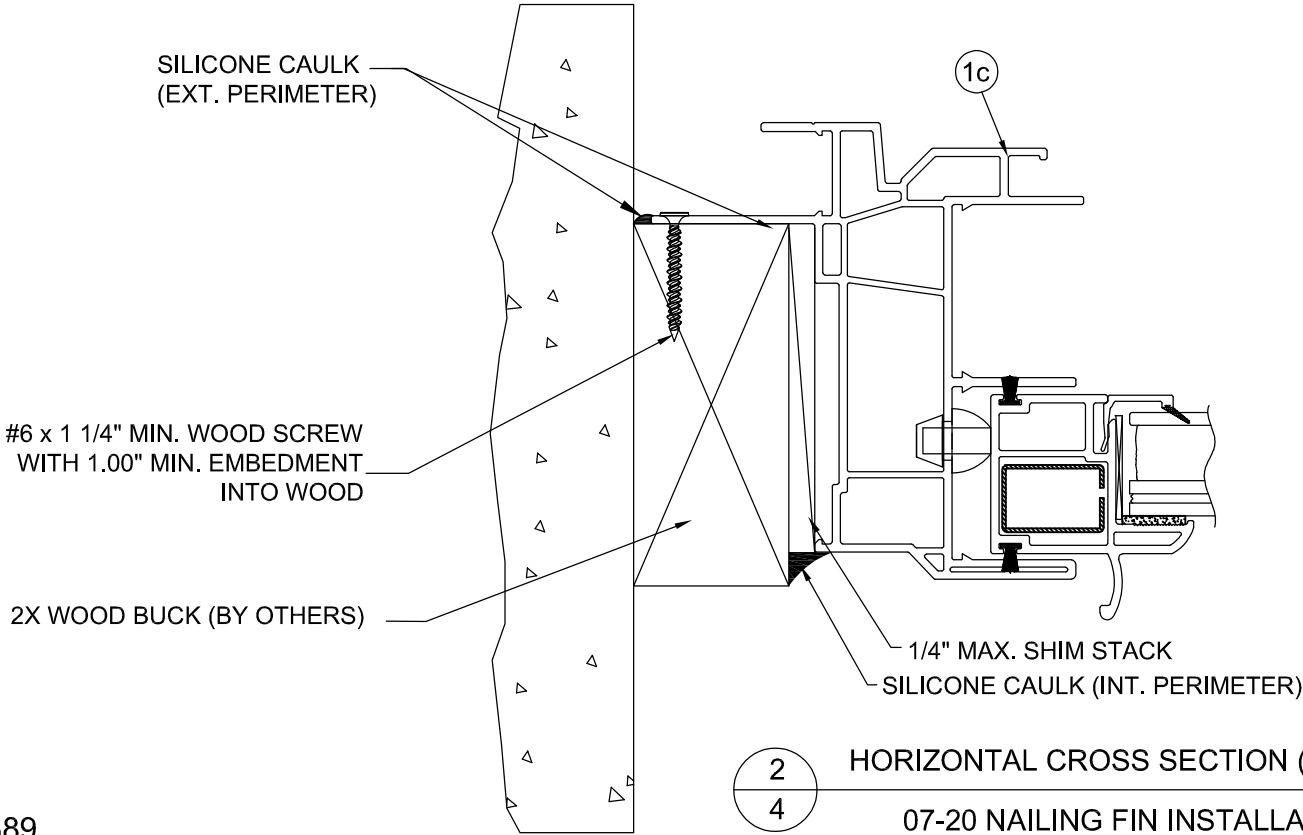
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	APPRV'D BY:		DATE:	
SCALE: FIT	SHEET: 3 of 7			
SERIES: STORMBREAKER PLUS 300VL 3-LITE END VENT SLIDER-2X				
TITLE: VERTICAL CROSS SECTION - 07-20 / NAILING FIN				

REV. #:	REVISIONS:	REVISED BY:	DATE:
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1 HORIZONTAL CROSS SECTION (2X BUCK)
07-09 RETRO / 07-10 FLANGE INSTALLATION



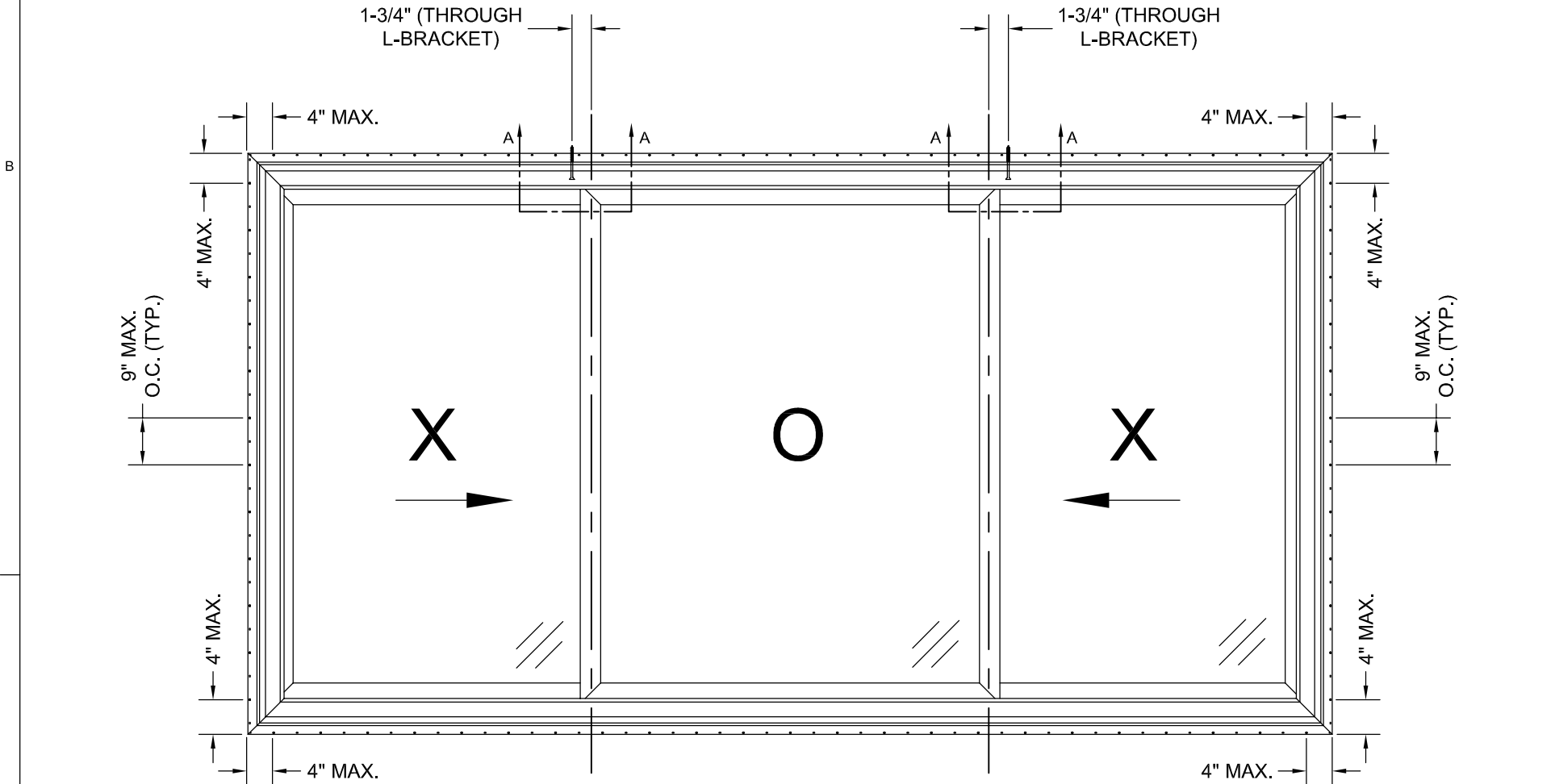
2 HORIZONTAL CROSS SECTION (2X BUCK)
07-20 NAILING FIN INSTALLATION

- NOTES:
- SHIMS TO BE A "RIGID/STIFF" MATERIAL THAT COMPLIES WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY, FL AND FLORIDA BUILDING CODE.
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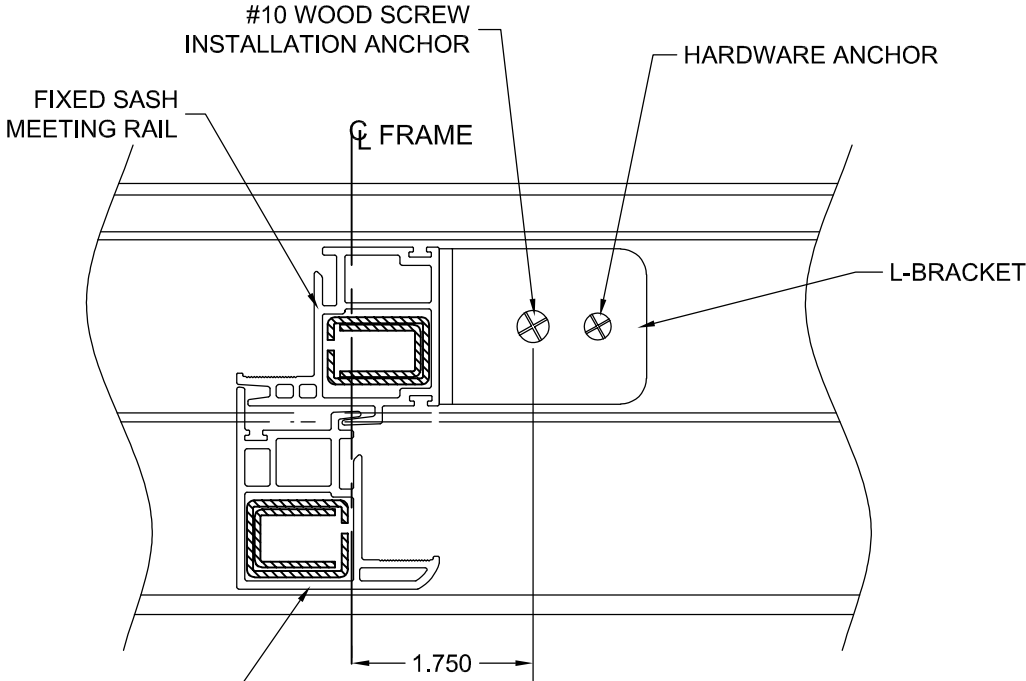
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SERIES: STORMBREAKER PLUS 300VL 3-LITE END VENT SLIDER-2X			
TITLE: HORIZONTAL CROSS SECTIONS - 07-09 / 07-10 / 07-20			

AS-TESTED

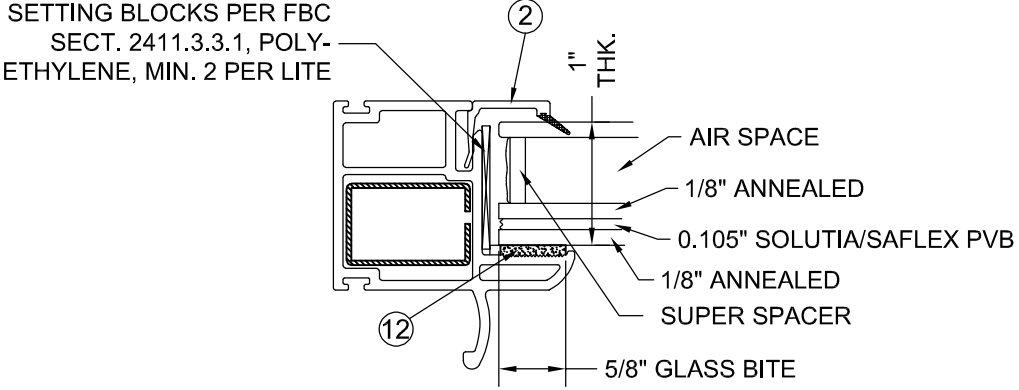
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2X ANCHOR LAYOUT - 07-20 NAILING FIN
113" x 63" HORIZONTAL SLIDING WINDOW (XOX)-EQ



SECTION A-A
L-BRACKET DETAIL IN HEAD



GLAZING DETAIL
WITH SOLUTIA/SAFLEX LAMINATE

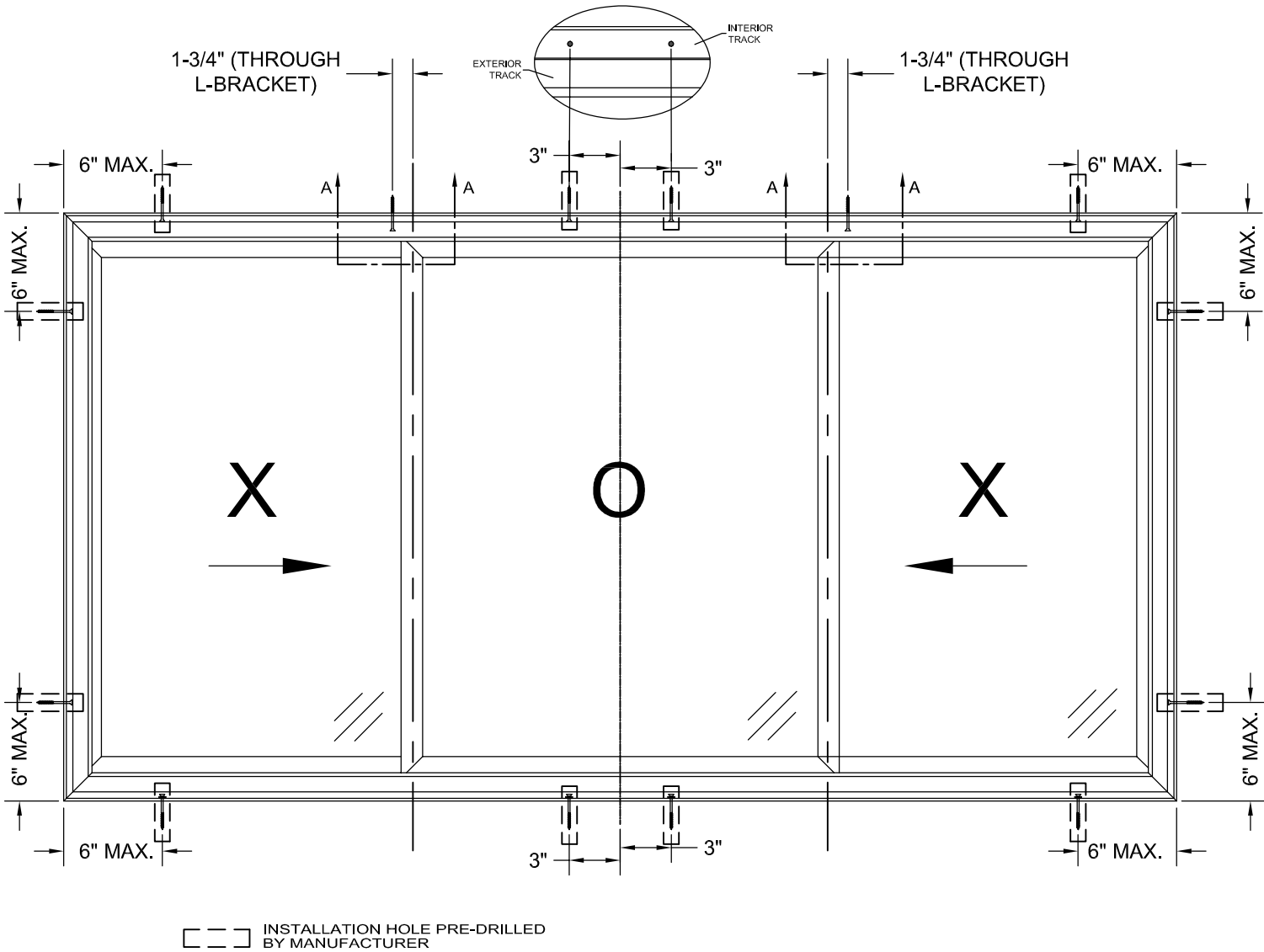
- NOTES:
1. WHEN ANCHORING WINDOW TO A 2X WOOD BUCK, USE #10 SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1-1/2" EMBEDMENT INTO THE WOOD.
 2. WHEN THE PRODUCT SPECIFIED HEREIN IS INSTALLED WITHIN 3000 FEET OF A SALTWATER COASTLINE, ALL ANCHORS AND CLIPS MUST COMPLY WITH SALTWATER ENVIRONMENT CORROSION RESISTANCE REQUIREMENTS OF FBC SECTION 1711.

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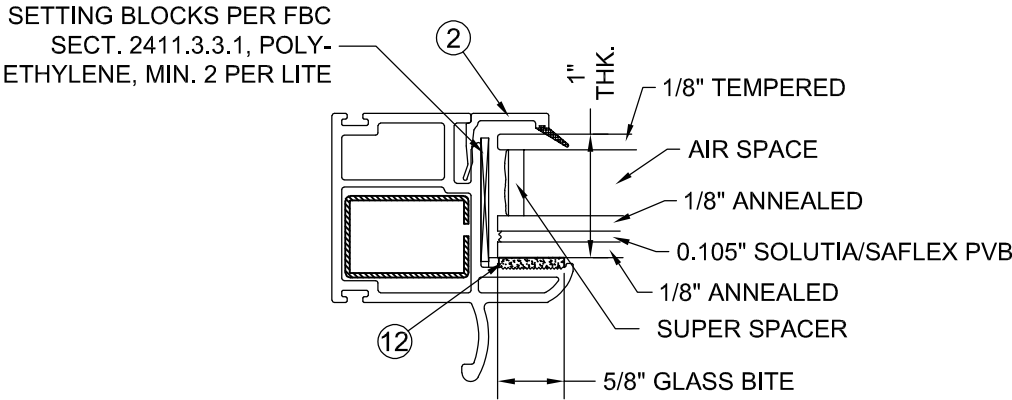
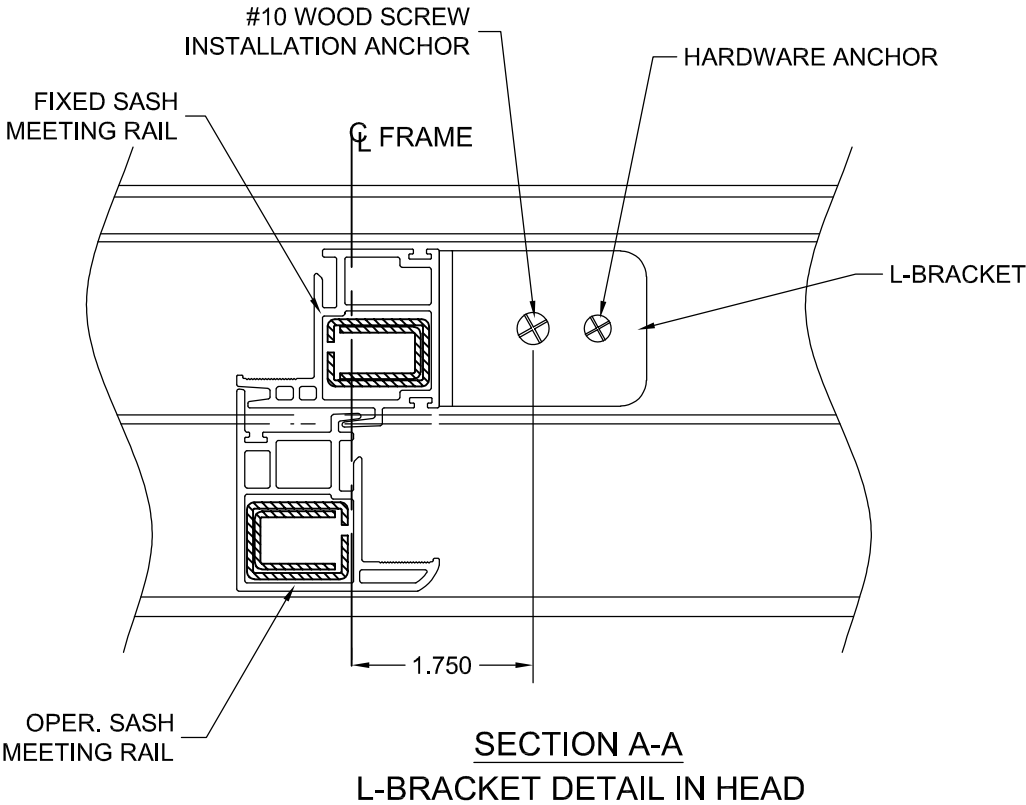
AS-TESTED

 SIMON TON® W I N D O W S 1 Cochrane Avenue Pennsboro, WV 26415	SIZE: B		DRAWING NO.: DA0014	REV.: 3
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	APPRV'D BY:		DATE:	
SCALE: FIT	SHEET: 5 of 7			
SERIES: STORMBREAKER PLUS 300VL 3-LITE END VENT SLIDER-2X				
TITLE: ANCHORING LOCATIONS & GLAZING DETAILS -AS TESTED				

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2X ANCHOR LAYOUT - 07-09 RETRO / 07-10 FLANGE
113" x 63" HORIZONTAL SLIDING WINDOW (XOX)-EQ



GLAZING DETAIL
WITH SOLUTIA/SAFLEX LAMINATE

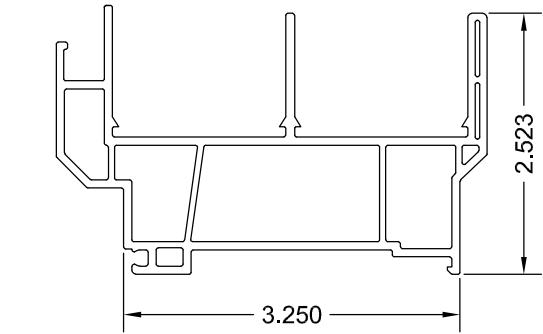
- NOTES:
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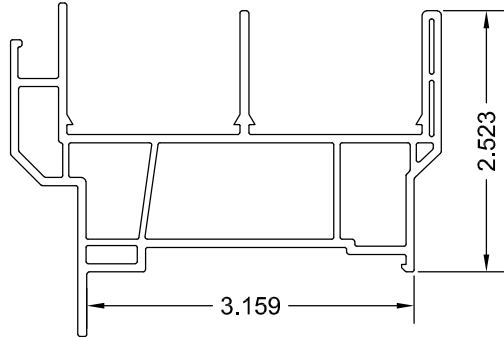
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SCALE: FIT	SHEET: 6 of 7		
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TITLE: ANCHORING LOCATIONS & GLAZING DETAILS - AS TESTED			

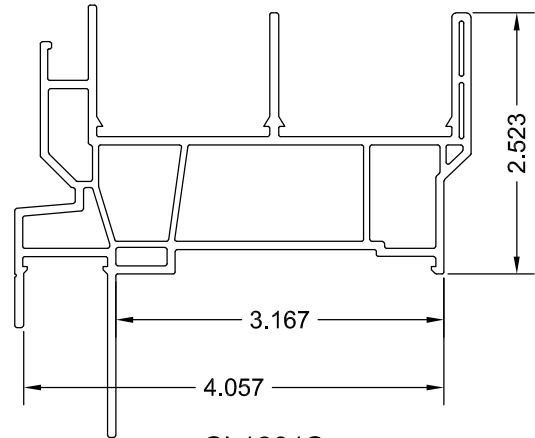
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MANUFACTURER
1a	SL0901S VINYL FRAME (HEAD/JAMB/SILL)	SIMEX, INC.
1b	SL1101S VINYL FRAME WITH FLANGE	SIMEX, INC.
1c	SL1201S VINYL FRAME WITH NAILING FIN/J-CHANNEL	SIMEX, INC.
2	BV18 VINYL GLAZING BEAD FOR 1" I.G.U.	SIMEX, INC.
3	SL75S VINYL COMMON SASH	SIMEX, INC.
4	SL74S VINYL KEEPER SASH	SIMEX, INC.
5	SL77S VINYL LOCK STILE	SIMEX, INC.
6	SL79S VINYL PULL STILE	SIMEX, INC.
7	V355 VINYL SILL TRACK INSERT	SIMEX, INC.
8	6063-T5 ALUMINUM L-BRACK (HEAD/SILL)	TRUTH
9	SIMRECT1 GALVANIZED STEEL REINFORCEMENT	HYGRADE
10	ST-336/ST-339 GALVANIZED STEEL REINFORCEMENT	HYGRADE
11	ST-337/ST-338 GALVANIZED STEEL REINFORCEMENT	HYGRADE
12	896-HIS GLAZING COMPOUND	PECORA
13	OFFSET FINSEAL WEATHERSTRIPPING	AMESBURY
14	0.250" FINSEAL WEATHERSTRIPPING	AMESBURY
15	0.340" FINSEAL WEATHERSTRIPPING	AMESBURY
16	0.460" FINSEAL WEATHERSTRIPPING	AMESBURY
17	PRESS FIT BUMPER STOPS	KASO
18	8" ALUMINUM SUPPORT BRACKET - HEAD	SHAPES UNLIMITED



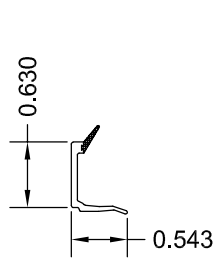
1a SL0901S
HORIZONTAL ROLLER FRAME
0.079" EXT. WALL THK.
0.060" INT. WALL THK.



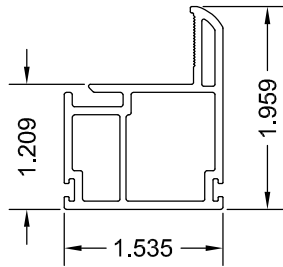
1b SL1101S
HORIZONTAL ROLLER FRAME WITH
FLANGE
0.079" EXT. WALL THK.
0.060" INT. WALL THK.



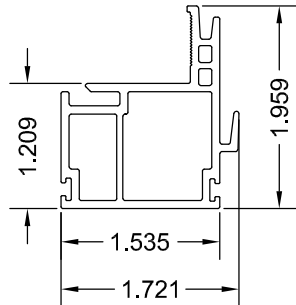
1c SL1201S
HORIZONTAL ROLLER FRAME WITH
NAILING FIN & J-CHANNEL
0.079" EXT. WALL THK.
0.060" INT. WALL THK.



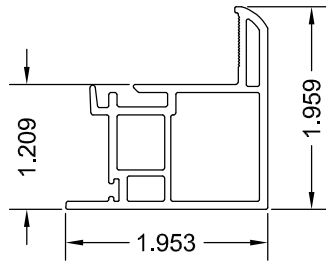
2 BV18
GLAZING BEAD
0.059" WALL THK.



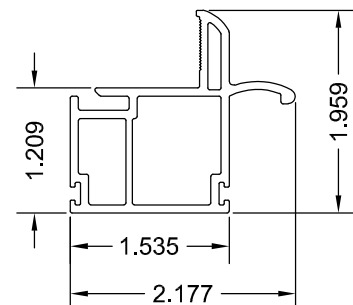
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0.059 INT. WALL THK.



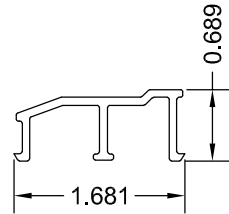
4 SL74S
KEEPER SASH
0.079" EXT. WALL THK.
0.059 INT. WALL THK.



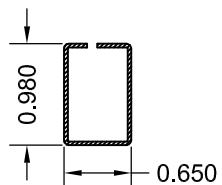
5 SL77S
LOCK STILE
0.079" EXT. WALL THK.
0.059 INT. WALL THK.



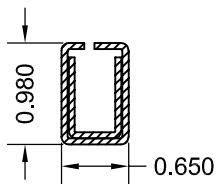
6 SL79S
PULL STILE
0.079" EXT. WALL THK.
0.059 INT. WALL THK.



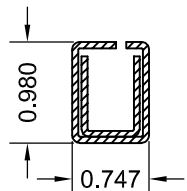
7 V355
TRACK INSERT
0.079" WALL THK.



9 SIMRECT1
RAIL/STILE
REINFORCEMENT
0.036 GALV. STEEL



10 ST-336/ST-339
KEEPER STILE
REINFORCEMENT
0.060 GALV. STEEL



11 ST-337/ST-338
LOCK STILE
REINFORCEMENT
0.060 GALV. STEEL



13 OFFSET FINSEAL
WEATHERSTRIPPING



14 0.250" FINSEAL
WEATHERSTRIPPING



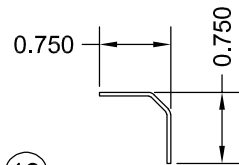
15 0.340" FINSEAL
WEATHERSTRIPPING



16 0.460" FINSEAL
WEATHERSTRIPPING



17 SX20113
PRESS FIT BUMPER
STOPS



18 CM0220
ALUMINUM HEAD
SUPPORT

REV. #:	REVISIONS:	REVISED BY:	DATE:
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SCALE: FIT		SHEET: 7 of 7		
SERIES: STORMBREAKER PLUS 300VL 3-LITE END VENT SLIDER-2X				
TITLE: BILL OF MATERIALS AND COMPONENTS				