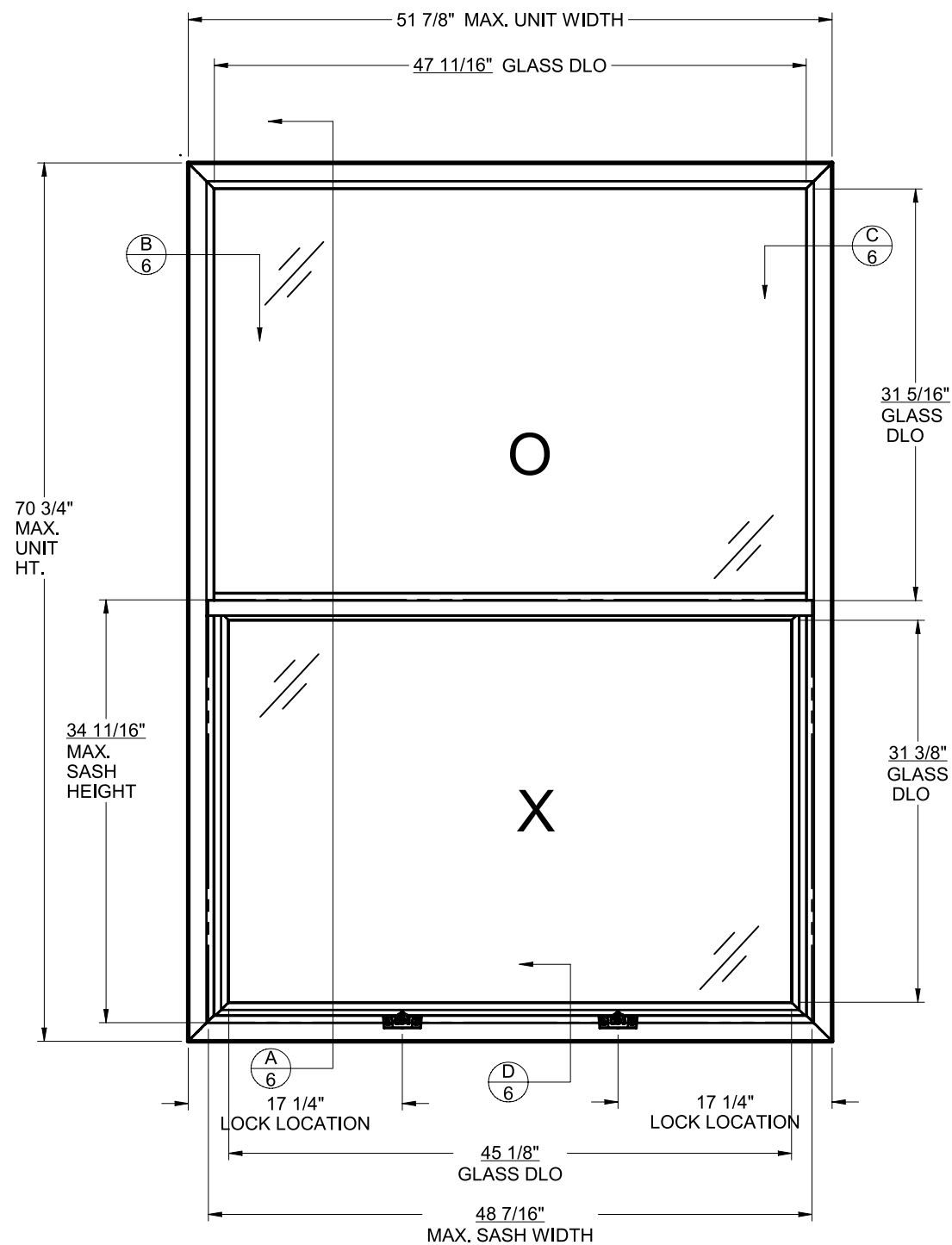


SINGLE HUNG ELEVATION (IMPACT)



- PVC IMPACT REQUIREMENT:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE, CURRENT EDITION
 2. GLAZING OPTIONS: (SEE SHEET 3)
 3. CONFIGURATIONS: "O/X".
 4. DESIGN PRESSURE RATING: (SEE TABLES-SHEET 3)
 - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-04e01/09.
 - POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E 1300-04e01/09.
 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 6 FOR ANCHOR DETAIL.
 6. SHUTTERS ARE NOT REQUIRED.
 7. ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL AND JAMB.
 8. REFERENCE TEST REPORTS: STORK 113-05890.1, 113-05896.1
 9. SERIES / MODEL DESIGNATION: T203H WITH SH-8100 PVC WINDOW.
 10. 1X OR 2X WOOD BUCK OR STUD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK AND FRAMING IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD.
 11. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: X = OPERABLE SASH, O = FIXED SASH
 12. SECTION CALLOUTS FROM EQUAL SPLIT ELEVATION APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.

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ANCHOR SCHEDULE & NOTES.....2
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SECTION VIEWS.....4
EXTRUSIONS & B.O.M.....5
INSTALLATION DETAIL.....6

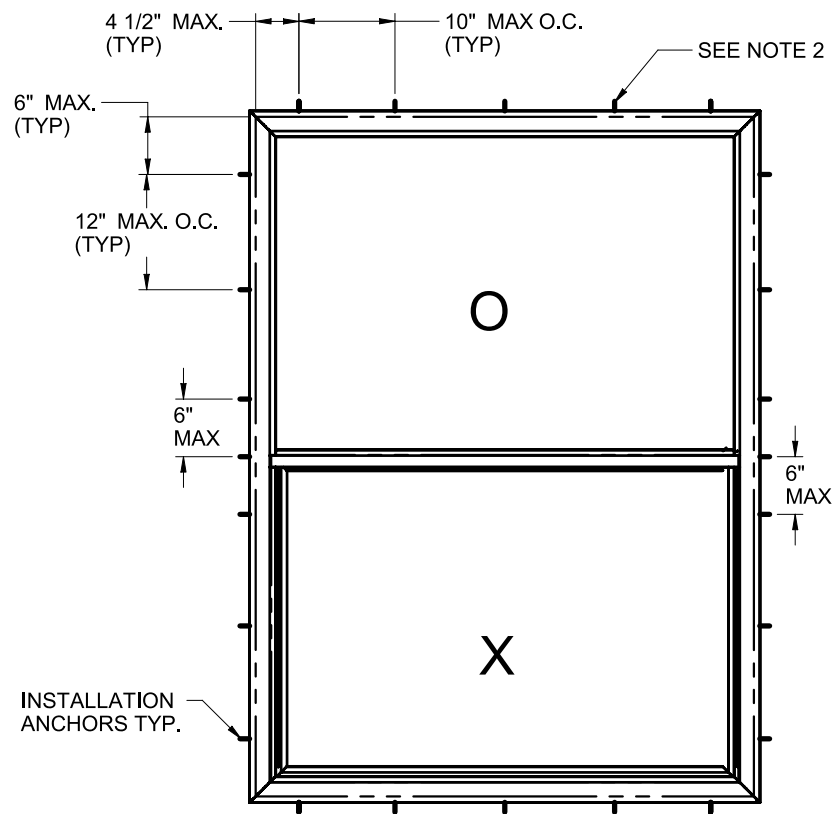
Lucas Turner
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2428 OLD NATCHEZ TRACE TRL, CAMDEN, TN, 38320 | PH 941-380-1574



LARSON MANUFACTURING 2333 EASTBROOK DR. BROOKINGS, SD 57006		
TITLE: GENERAL NOTES & ELEVATIONS - LARGE MISSLE IMPACT		
SERIES: T203H	DRAWN BY: AAJ	DATE: 11/4/2009
MODEL: SH STORM WINDOW	SCALE: NTS	DWG. NO.: LH-101
	REV. LETTER: --	SHEET: 1 OF 6



ANCHOR LAYOUT - (BOX)
THRU FRAME (MASONRY OPENING)

NOTES:

- 1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION.
- 2. SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 3. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
- 4. 3/16" DIA. ELCO ULTRACON MASONRY ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/4" INTO MASONRY THRU FRAME OR THRU 1 BY WOOD BUCK INTO MASONRY. A MINIMUM EDGE DISTANCE OF 2 1/2" SHALL BE ACHIEVED.
- 5. #10 WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 3/8" INTO 2 BY WOOD BUCK.
- 6. SEAL CORNERS WITH SMALL JOINT SEAM SEALANT.
- 7. ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR MATERIALS MUST BE PROTECTED TO PREVENT REACTIONS.
- 8. 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 STRENGTH SPECIFIED BELOW.
- 9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
- 10. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS.

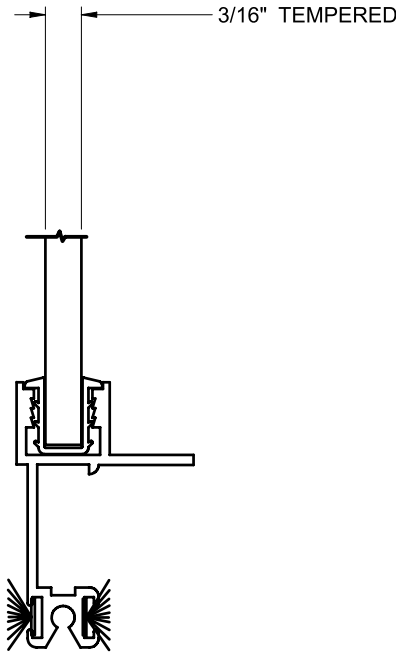
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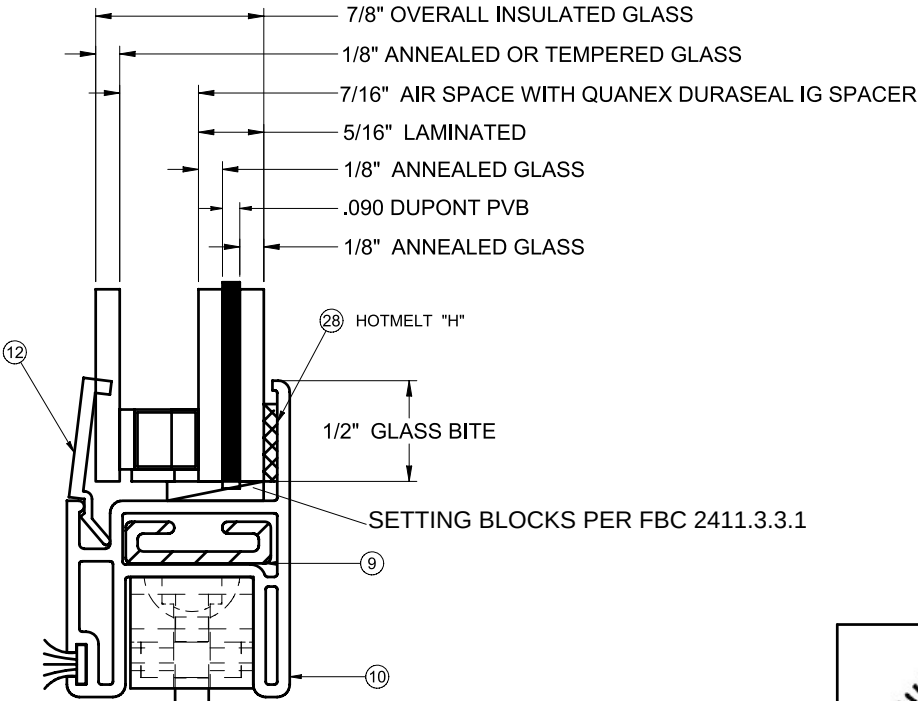


LARSON MANUFACTURING 2333 EASTBROOK DR. BROOKINGS, SD 57006		
TITLE: ANCHOR SCHEDULE & NOTES - LARGE MISSILE IMPACT		
SERIES: T203H	DRAWN BY: AAJ	DATE: 11/4/2009
MODEL: SH STORM WINDOW	SCALE: NTS	DWG. NO.: LH-101
	REV. LETTER: --	SHEET: 2 OF 6

WIDTH (IN)		HEIGHT(IN)												
	GLASS TYPE	17 7/8	29 1/2	31 1/2	35 1/2	39 1/2	41 1/2	43 1/2	49	51 1/2	53 1/2	55 1/2	59 1/2	70 3/4
24 3/4	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
27 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
29 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
31 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
35 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
39 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
41 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
43 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
47 1/2	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
51 7/8	A	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70



GLAZING DETAIL A T203H



GLAZING DETAIL A 8100

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LARSON
MANUFACTURING
2333 EASTBROOK DR.
BROOKINGS, SD 57006

TITLE:
DP CHART & GLAZING DETAIL - LARGE MISSILE IMPACT

SERIES: T203H

DRAWN BY: AAJ

DATE: 11/4/2009

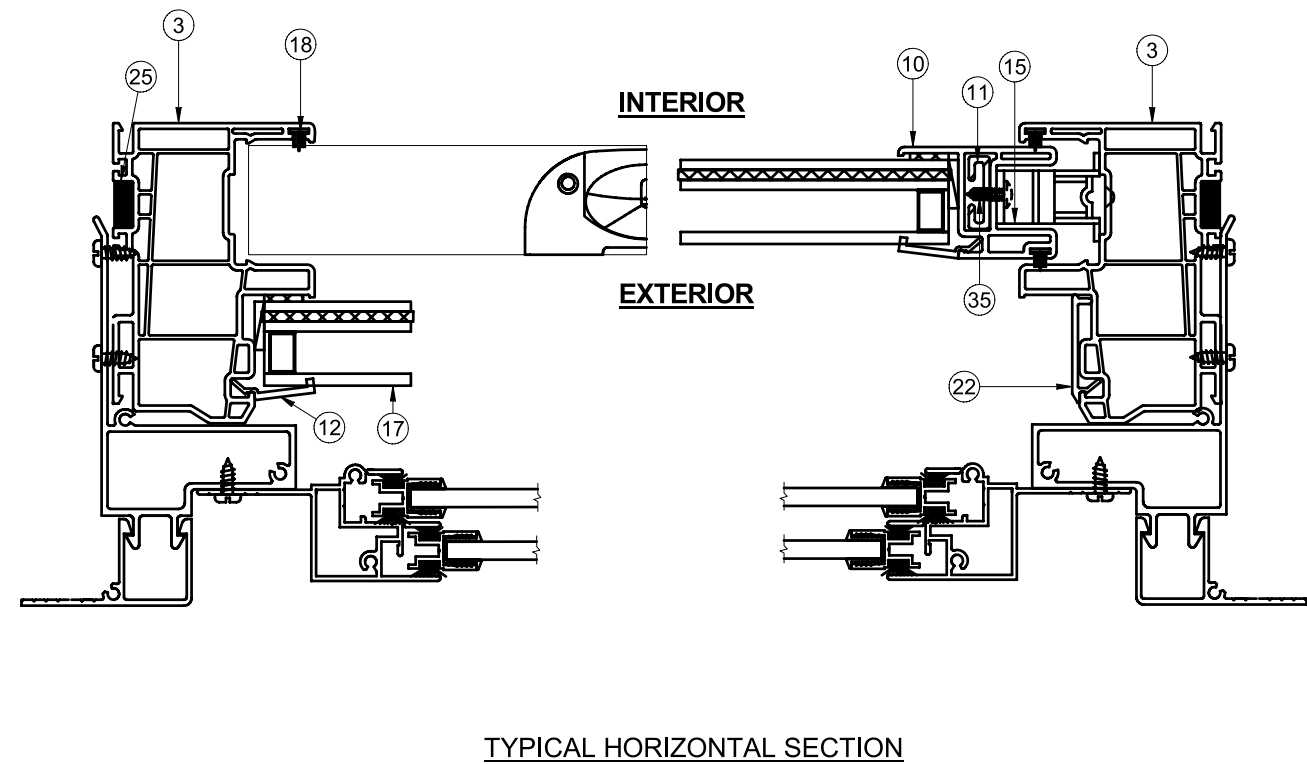
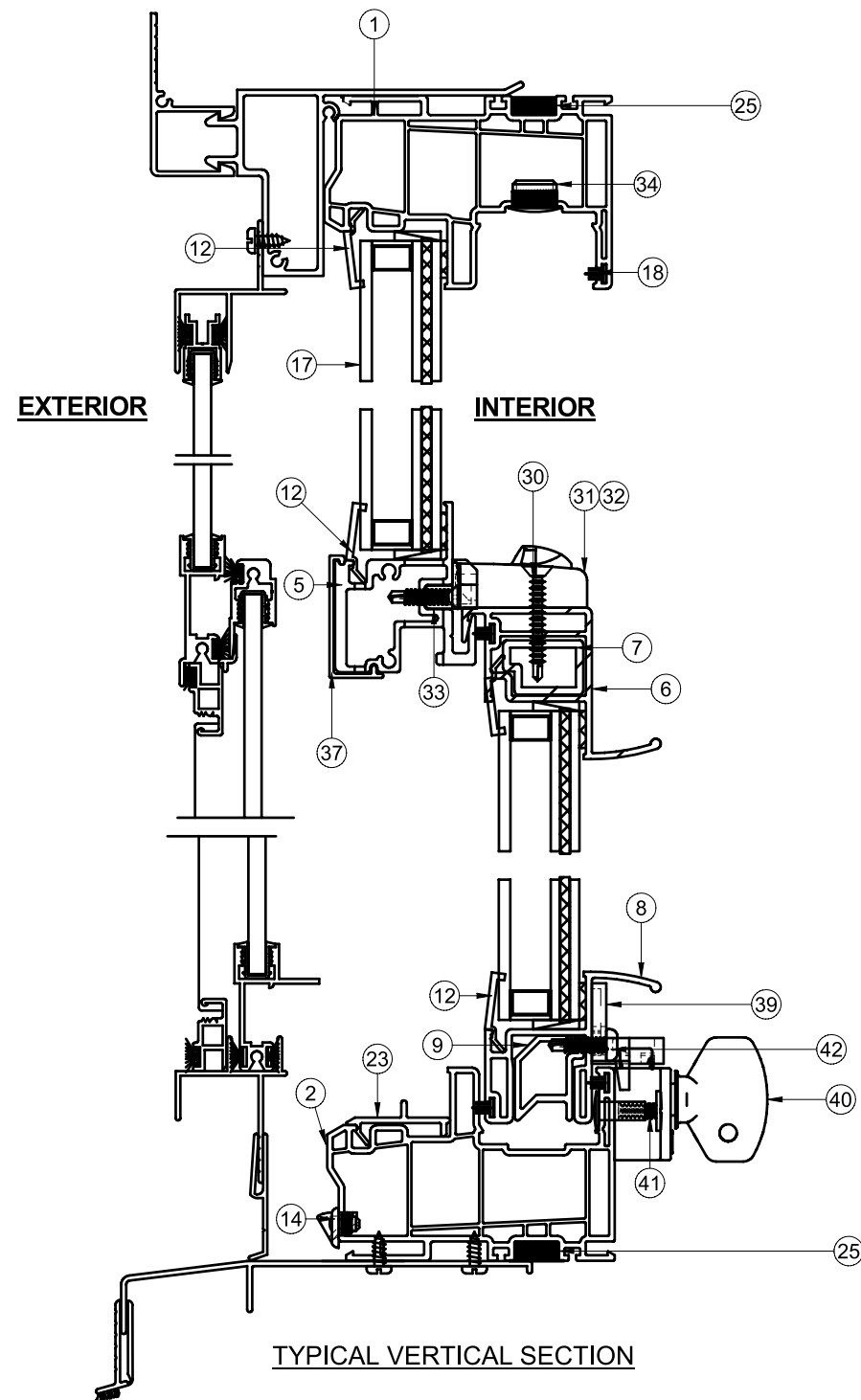
MODEL: SH STORM WINDOW

SCALE: 1:1

DWG. NO.: LH-101

REV. LETTER: --

SHEET: 3 OF 6



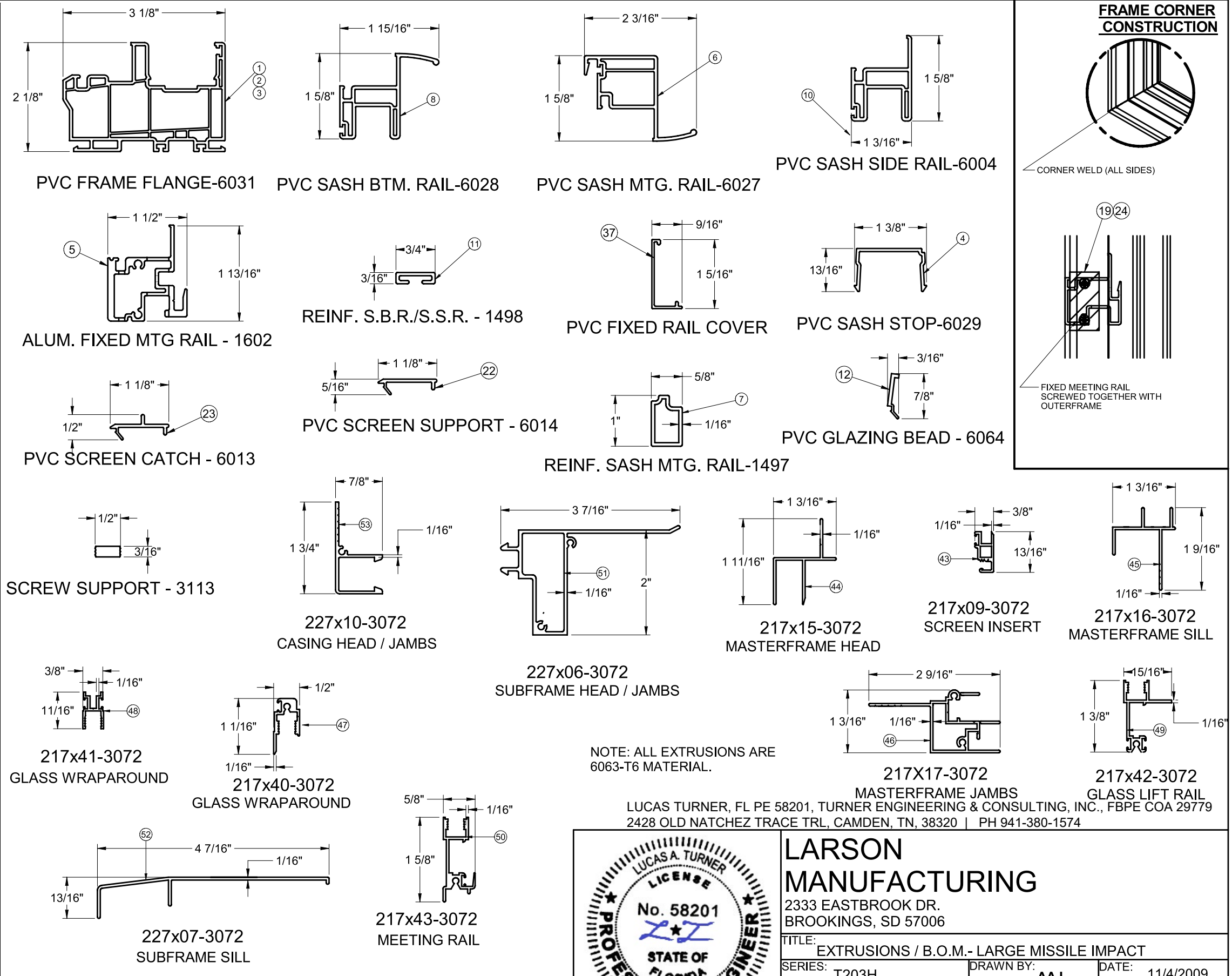
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LARSON MANUFACTURING 2333 EASTBROOK DR. BROOKINGS, SD 57006		
TITLE: SECTION VIEWS & ALT. FRAME - LARGE MISSILE IMPACT		
SERIES: T203H	DRAWN BY: AAJ	DATE: 11/4/2009
MODEL: SH STORM WINDOW	SCALE: NTS	DWG. NO.: LH-101
	REV. LETTER: --	SHEET: 4 OF 6

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ITEM#	PART#	DESCRIPTION	Vendor
1	H-6031	Frame Head	Mikron
2	H-6031	Frame Sill	Mikron
3	H-6031	Frame Jamb	Mikron
4	S-6025	Sash Stop / Filler	Mikron
5	H-1602	Alum. Fixed Meet. Rail	Keymark
6	H-6027	Sash Top Rail	Mikron
7	H-1497	Reinforcement for STR	Keymark
8	H-6028	Sash Bottom Rail	Mikron
9	H-1699	Reinforcement for SBR	Keymark
10	H-6004	Sash Side Rail	Mikron
11	S-1498	Reinforcement for SSR	Keymark
12	S-6064	Glazing Bead	Mikron
13	P-3059	Sash Cam	M&M
14	P-4479	Weep Housing & Flap Assm.	M&M
15		Block & Tackle Balance	
16	P-3295	Take Out Clip	M&M
17	Glass	7/8" O.A.{1/8"AN.-AIR-(5/16LAMI w / .090PVB)}	Cardinal
18	P-3429	Wstp., 0.270 x 0.187 back FinSeal	Ultrafab
19	P-3114	#8 x 2" Ph Truss SMS	Fastenal
20		#10 x 2 Ph Pan SMS	Fastenal
21		Flat Washer	Fastenal
22	S-6014	Screen Support	Mikron
23	S-6013	Screen Catch	Mikron
24	P-3893	Reinforcement Plate, FMR	Bears Metal
25	P-3113	Screw Support, PVC	Team
26	P-3352	Set. Blk. 1/8" x 5/8" x 2"	Frank Low e
27	P-3342	Seam Sealer, SM-5504	Schnee
28		Hotmelt "H"	Truseal
29	P-3541	#8 x 1/2 Ph Pan Tek	Fastenal
30	P-4051	#8 x 1 1/4" PH Flat SMS	Fastenal
31	P-3783	Lock	Interlock
32	P-4069	Keeper	Interlock
33	P-4264	#8 x 3/4" PH Flat w / #6 Head	Fastenal
34	P-3752	Hole Plug	M&M
35	P-3559	#8 x 3/8" PH Pan Tek	Fastenal
37	S-6063	Fixed Rail Cover	Mikron
38	P-4638	#8 x 2 1/4 Square Modified Truss	Fastenal
39	P-3118	Keeper, Sw eep Lock	Sullivan
40	P-4632	Sw eep Lock	Sullivan
41	P-4633	Binding Post and Screw	Fastenal
42	P-3511	#8 x 5/8" Ph Pan TEK	Fastenal
43	217x09	Screen Insert	Larson
44	217x15	Masterframe Head	Larson
45	217x16	Masterframe Sill	Larson
46	217x17	Masterframe Jambs	Larson
47	217x40	Glass Wraparound Top	Larson
48	217x41	Glass Wraparound Stiles	Larson
49	217x42	Glass Lift Rail	Larson
50	217x43	Glass Meeting Rail	Larson
51	227x06	Subframe Head and Jambs	Larson
52	227x07	Subframe Sill	Larson
53	227x10	Casing, Head and Jambs	Larson



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