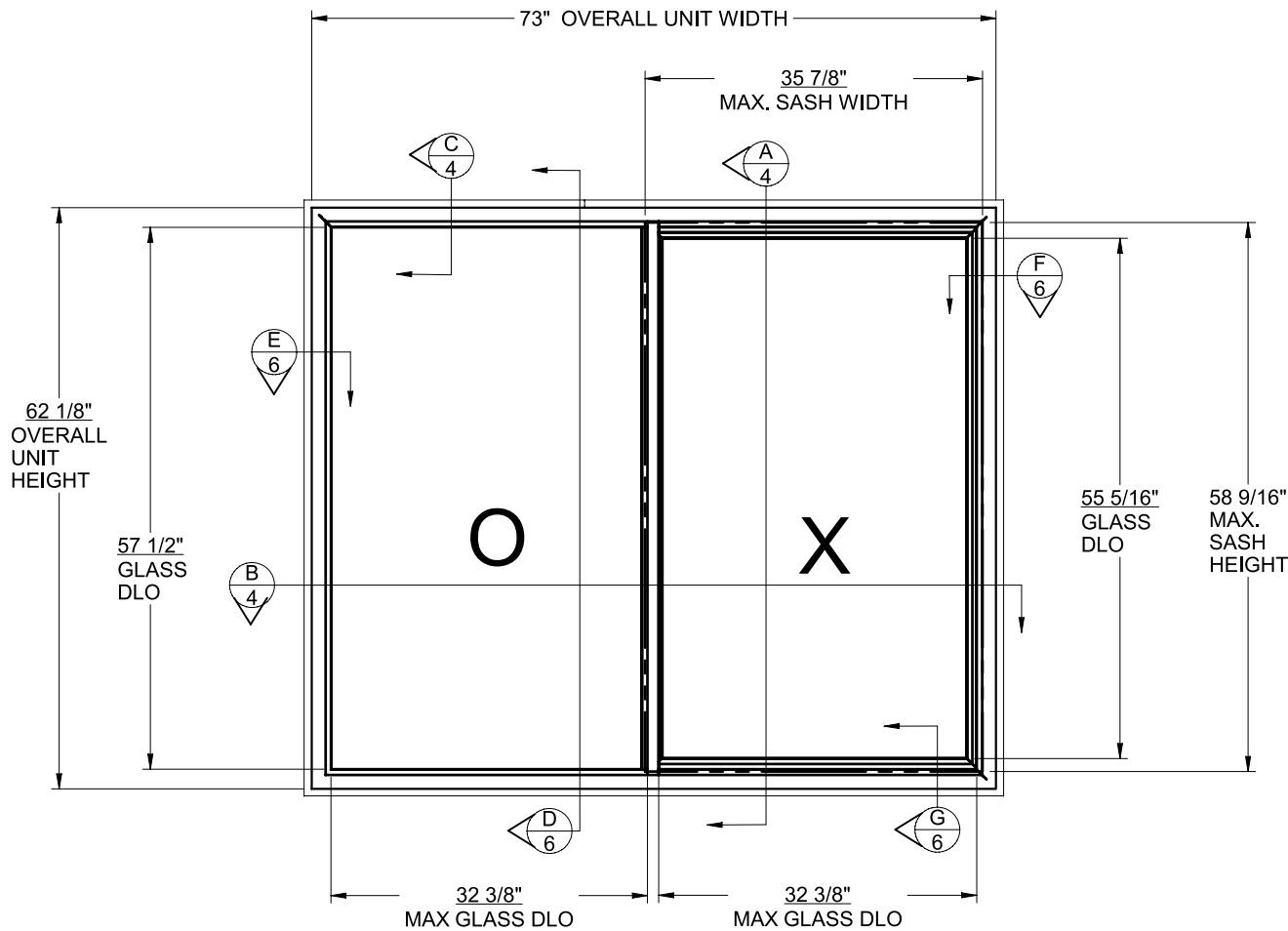


HORIZONTAL SLIDER ELEVATION (LARGE MISSILE IMPACT)



"OX" & "XO" MAX. SIZE

PVC IMPACT REQUIREMENT:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE, CURRENT EDITION
- GLAZING OPTIONS: (SEE SHEET 3)
- CONFIGURATIONS: "OX", "XO"
- 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.
- ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 6 FOR ANCHOR DETAIL.
- SHUTTERS ARE NOT REQUIRED.
- ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL, HEAD & SILL.
- REFERENCE TEST REPORTS: STORK 113-05891, 113-05897
- SERIES / MODEL DESIGNATION: T603H WITH HS-8200 PVC WINDOW.
- 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.
- THE DESIGNATION X AND O STAND FOR THE FOLLOWING: X = OPERABLE SASH, O = FIXED SASH
- SECTION CALLOUTS FROM EQUAL SPLIT ELEVATION APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.

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INSTALLATION DETAILS.....	6

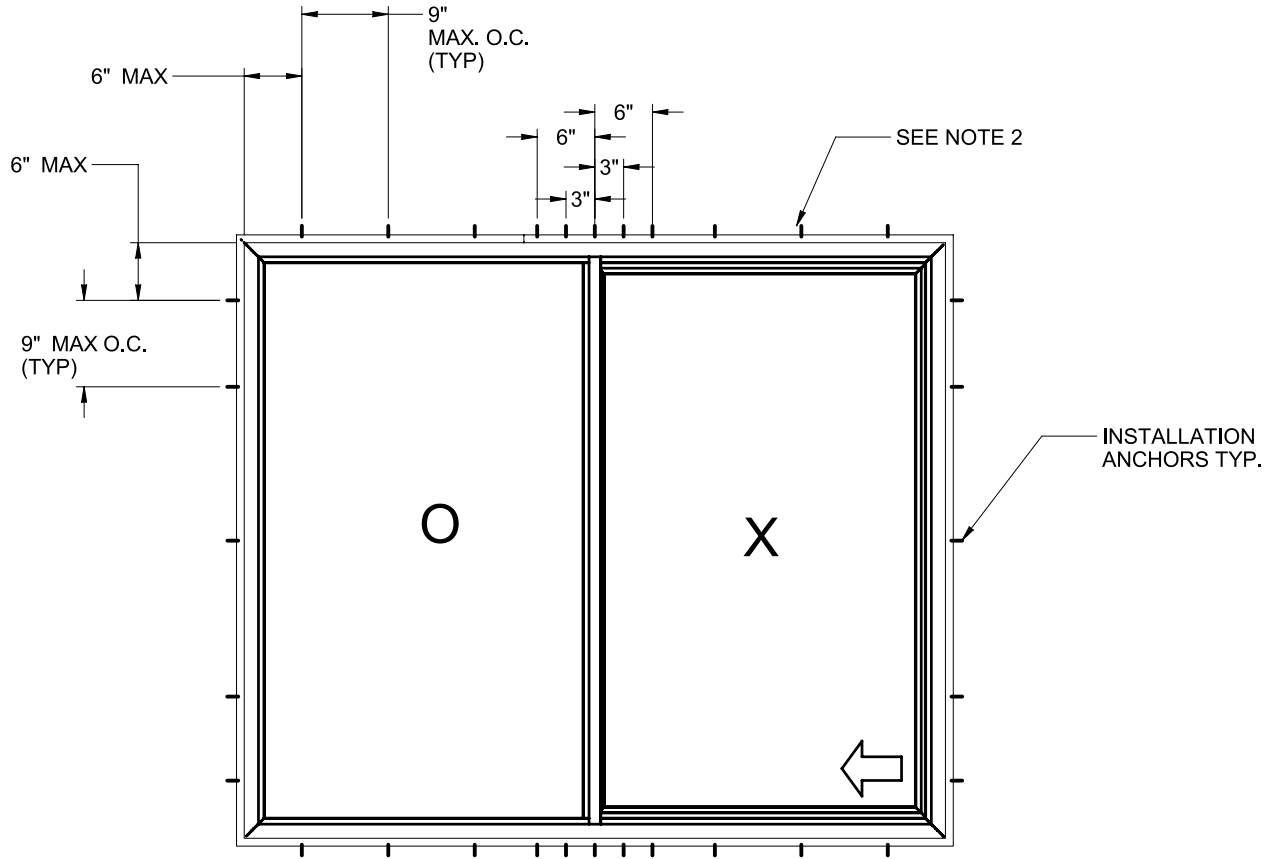
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Lucas Turner
 2020.09.25
 13:06:02
 -05'00'

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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 MISSILE IMPACT		
SERIES: T603H	DRAWN BY: ADE	DATE: 10/8/2009
MODEL: HR STORM WINDOW	SCALE: NTS	DWG. NO.: LH-102
	REV. LETTER: --	SHEET: 1 OF 6



ANCHOR LAYOUT - (FLANGE)
THRU FRAME & CLIP (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. DISSIMILIAR MATERIAL 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.

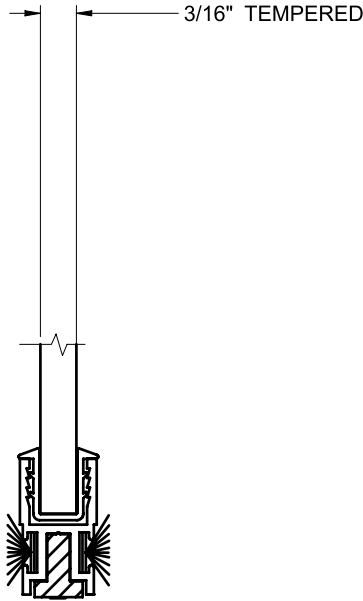
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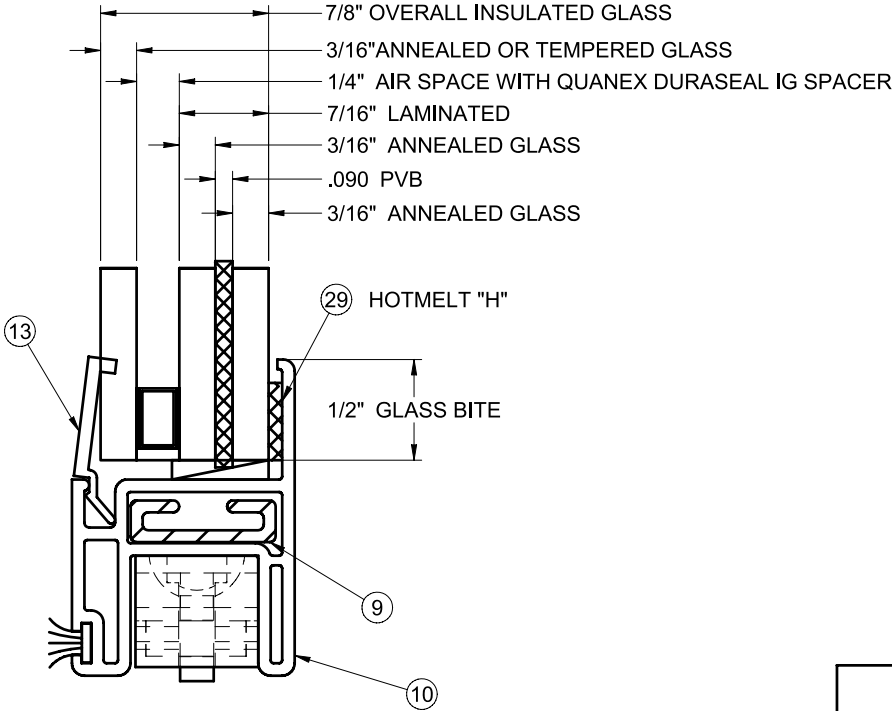


LARSON MANUFACTURING		
2333 EASTBROOK DR. BROOKINGS, SD 57006		
TITLE: ANCHOR SCHEDULE & NOTES - LARGE MISSILE IMPACT		
SERIES: T603H	DRAWN BY: ADE	DATE: 10/8/2009
MODEL: HR STORM WINDOW	SCALE: NTS	DWG. NO.: LH-102
	REV. LETTER: --	SHEET: 2 OF 6

HEIGHT (IN)		WIDTH(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	73
24 3/4	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
27 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
29 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
31 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
35 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
39 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
41 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
43 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
47 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
51 1/2	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
54 1/4	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60
62	A	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60	+/-60



STORM WINDOW GLAZING



GLAZING DETAIL A
FULL SIZE

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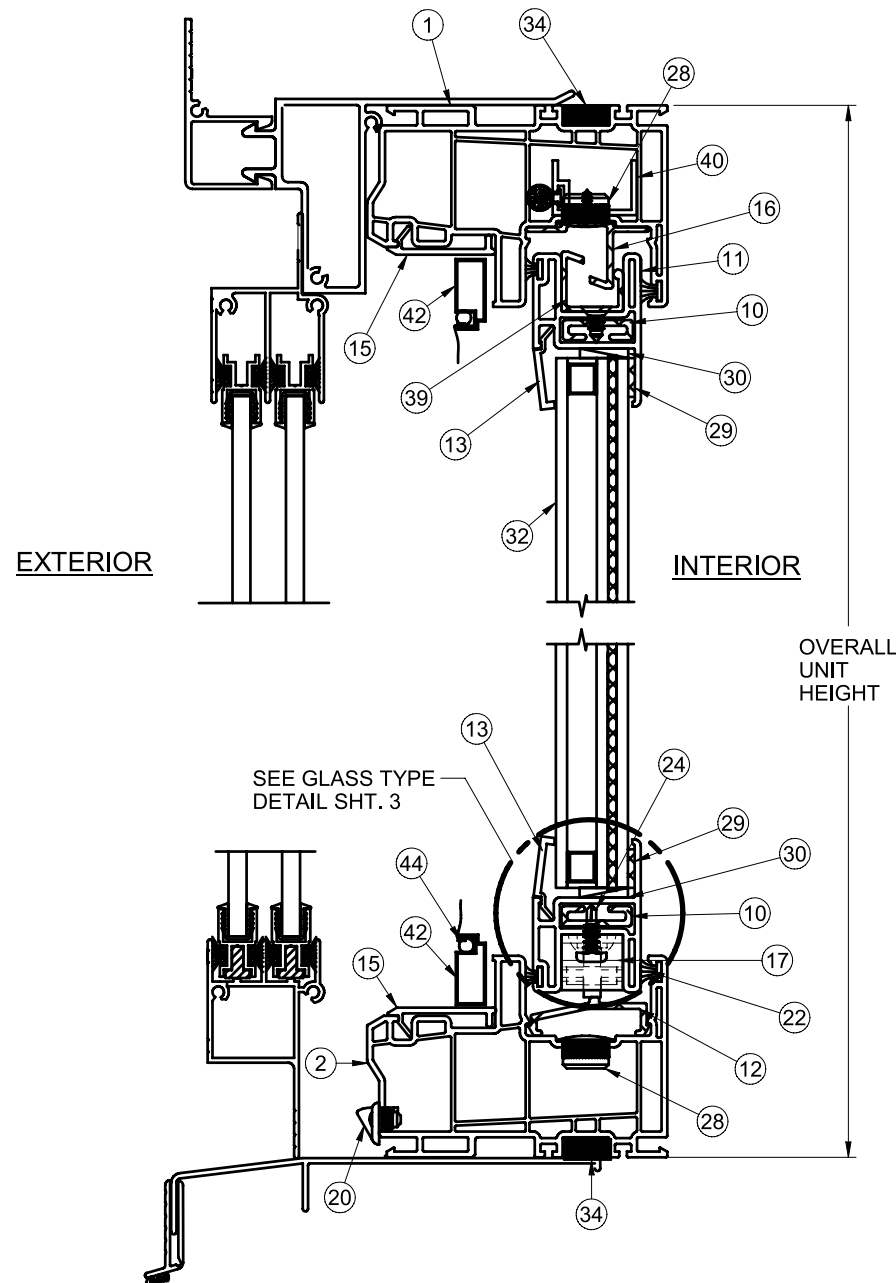
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9/25/2020

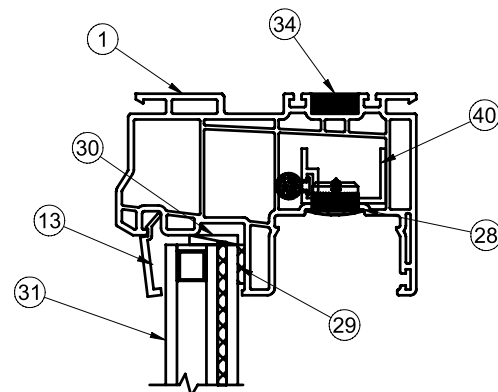
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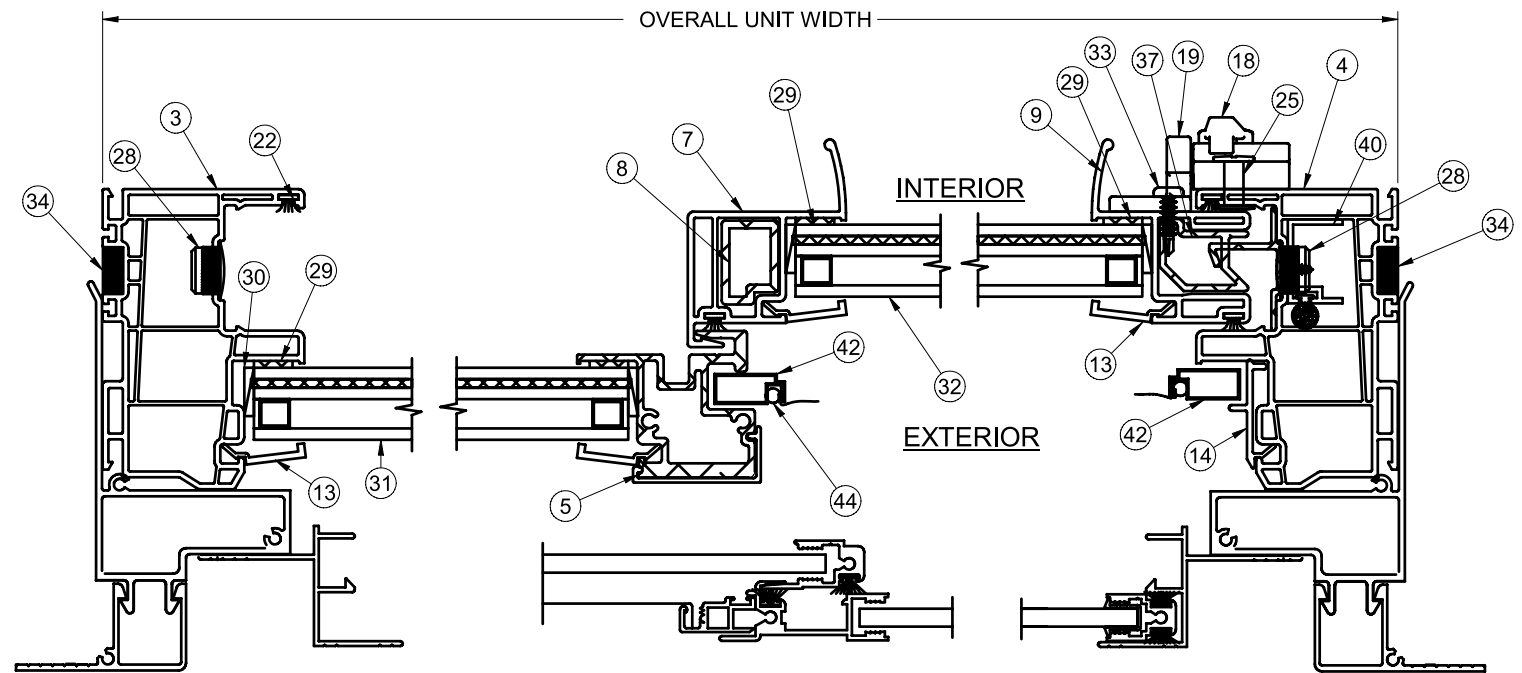
TITLE: DP CHARTS / GLAZING DETAIL - LARGE MISSILE IMPACT		
SERIES: T603H	DRAWN BY: ADE	DATE: 10/8/2009
MODEL: HR STORM WINDOW	SCALE: 1:1	DWG. NO.: LH-102
	REV. LETTER: --	SHEET: 3 OF 6



(A)
4 TYPICAL VERTICAL SECTION
NOTE: SHOWS SASH CUT AWAY



(C)
4 TYPICAL VERTICAL SECTION
NOTE: SHOWS FIXED LITE CUT AWAY

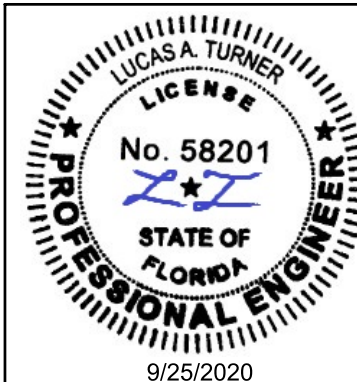


(B)
4 TYPICAL HORIZONTAL SECTION
NOTE: LEFT SHOWS FIXED LITE CUT AWAY,
RIGHT SHOWS SASH CUT AWAY

NOTE: ITEMS 22, 27, 29, 36, 41, 42, 43,
50, 53, AND 54 ARE USED BUT NOT
SHOWN FOR CLARITY.

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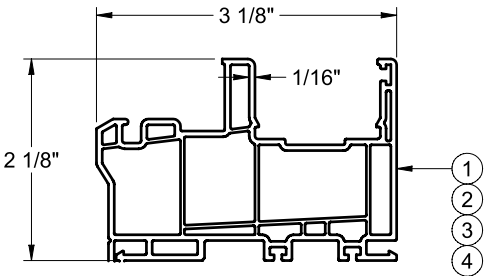
**LARSON
MANUFACTURING**

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BROOKINGS, SD 57006

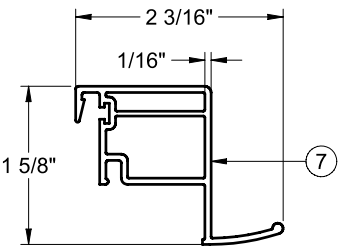
TITLE:
SECTION VIEWS - LARGE MISSILE IMPACT

SERIES: T603H	DRAWN BY: ADE	DATE: 10/8/2009
MODEL: HR STORM WINDOW	SCALE: NTS	DWG. NO.: LH-102
	REV. LETTER: --	SHEET: 4 OF 6

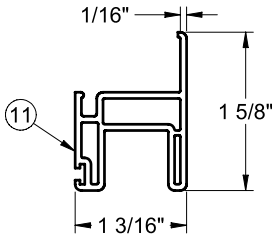
Item #	Part #	Description	Vendor
1	H-6031	Main Fr., SH, w/Flg., PVC, Head	Mikron
2	H-6031	Main Fr., SH, w/Flg., PVC, Sill	Mikron
3	H-6031	Main Fr., SH, w/Flg., PVC, L. Jb.	Mikron
4	H-6031	Main Fr., SH, w/Flg., PVC, R. Jb.	Mikron
5	H-1602	Meet. Rail, Fxd.	Keymark
7	H-6027	Sash Meet. Rail, PVC	Mikron
8	H-1497	Reinf. Sash Meet. Rail	Keymark
9	H-6028	Sash Bottom Rail, PVC	Mikron
10	H-1498	Reinforcement, Sash, Btm/Side Rail	Keymark
11	H-6004	Sash Top/Bot. Rail	Mikron
12	S-1678	Roller track	Keymark
13	S-6064	Glazebead	Mikron
14	S-6013	Scrn. Adapt., w/ Nib, PVC	Mikron
15	S-6014	Scrn. Adapt., PVC	Mikron
16	S-1577	Frame, Impact Hook	Keymark
17	P-3804	Roller, Tandem	M&M
18	P-4632	Lock, Impact, PVC	Interlock
19	P-4069	Keeper, Impact, PVC	Interlock
20	P-4479	Weep Cover w/ Flap	M&M
21	P-3893	Reinf. Plate, F.M.R.	Bears Metal
22	P-3429	Wstp., 0.270 x .187 back FinSeal, Gray	Ultrafab
23	P-3114	#8 x 2.000 Ph Truss SMS	Fastenal
24	P-3511	#8 x 5/8" Ph PH TEK	Fastenal
25	P-4633	#8 x 1/2" Barrel Fastener	Fastenal
26	P-3748W	#6 x 5/8" Quad FH TEK, Wht.	Fastenal
27	P-3342	Seam Sealer, SM-5504	Schnee
28	P-3752	Cap Plug, 1/2" Hole	M&M
29	P-3438	Sika Flex 552	SikaFlex
30	P-3352	Set. Blk., 85 Dur., 1/8" x 5/8" x 2" Lg.	Frank Low e
31	FIXED	7/8" IG (3/16"A.-7/16"SGP A.)	Cardinal
32	SASH	7/8" IG (3/16"A.-7/16"SGP A.)	Cardinal
33	P-3539	#8 x 3/4" Ph PH TEK	Fastenal
34	P-3113	Screw Support, PVC	Team
35		#10 x 1 1/2" Philips PH, SMS	Fastenal
36		Flat Washer	Fastenal
37	H-1699	Reinforcement, Sash Rail	Keymark
38	S-6063	Fixed Rail Cover	Mikron
39	S-1556	Impact Catch, Head	Keymark
40	S-1112	Reinforcement, Head,Jamb for S-1577	Keymark
41	S-6005	Anti-lift out	Mikron
42	P-3218	Screen frame	Allmetal
43	P-3321	Screen Corner Key	M&M
44	P-3228	Screen Spline	Dapa
45	P-3033	Screen Spring	Hurley
46	P-3029	Screen Pull tab	Hurley
47		Screen Material	
48	P-3433	Hotmelt, TruSeal, "H"	TruSeal
49	217x09	Screen Insert	Larson
50	217x40	Glass Wraparound Top, operable	Larson
51	217x43	Glass Insert Pull Rail, stationary	Larson
52	217x44	Glass Wraparound Top, stationary	Larson
53	218x29	Masterframe Head	Larson
54	218x30	Masterframe Sill	Larson
55	218x32	Masterframe Jamb	Larson
56	227x06	Subframe Head and Jamb	Larson
57	227x07	Subframe Sill	Larson
58	227x10	Casing, Head and Jamb	Larson



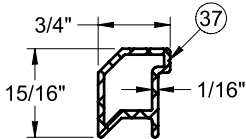
PVC FRAME FLANGE-6031



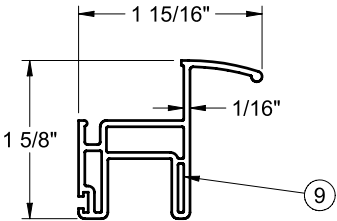
PVC SASH MTG. RAIL-6027



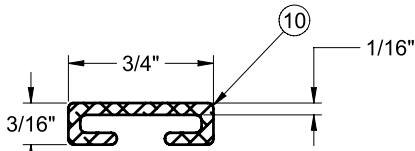
PVC SASH SIDE/BTM RAIL-6004



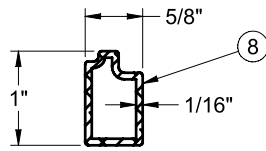
REINF. SASH RAIL-1699



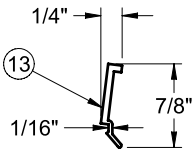
PVC SASH BTM. RAIL-6028



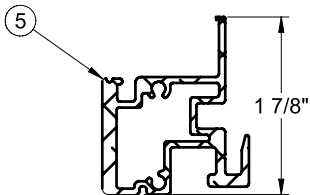
REINF. S.B.R./S.S.R. - 1498



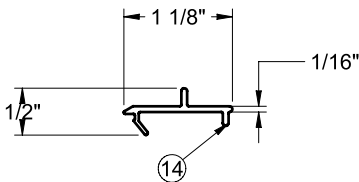
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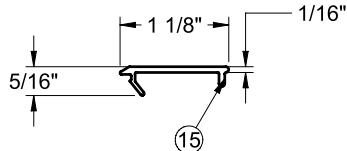
PVC GLAZEHEAD-6064



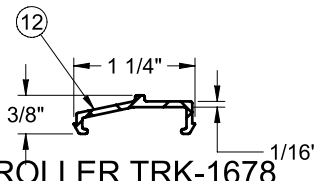
MEETING RAIL-1602



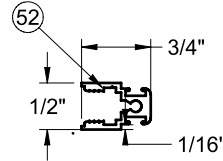
PVC SCREEN CATCH - 6013



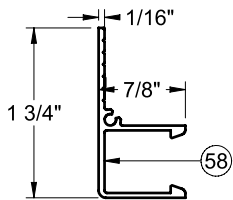
PVC SCREEN SUPPORT - 6014



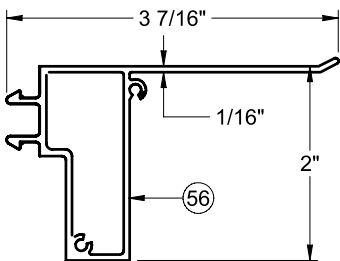
ROLLER TRK-1678



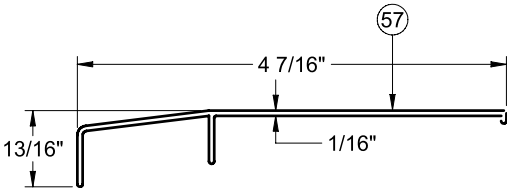
217x44-3072
GLASS WRAPAROUND



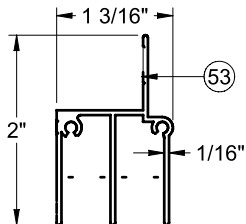
227x10-3072
CASING HEAD / JAMBS



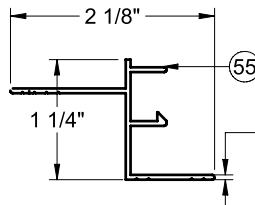
227x06-3072
SUBFRAME HEAD / JAMBS



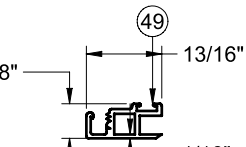
227x07-3072
SUBFRAME SILL



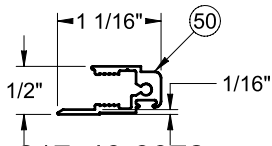
218x29-3072
MASTERFRAME HEAD



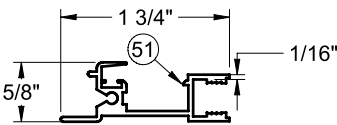
218x32-3072
MASTERFRAME JAMBS



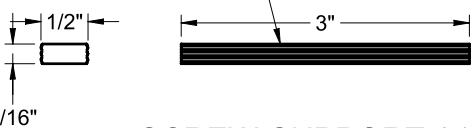
217x09-3072
SCREEN INSERT



217x40-3072
GLASS WRAPAROUND



217x43-3072
GLASS PULL RAIL



SCREW SUPPORT-3113

SILL - 218x30-3072
MASTERFRAME SILL

FRAME IMPACT HOOK-1577

NOTE: ALL EXTRUSIONS ARE
6063-T6 MATERIAL.

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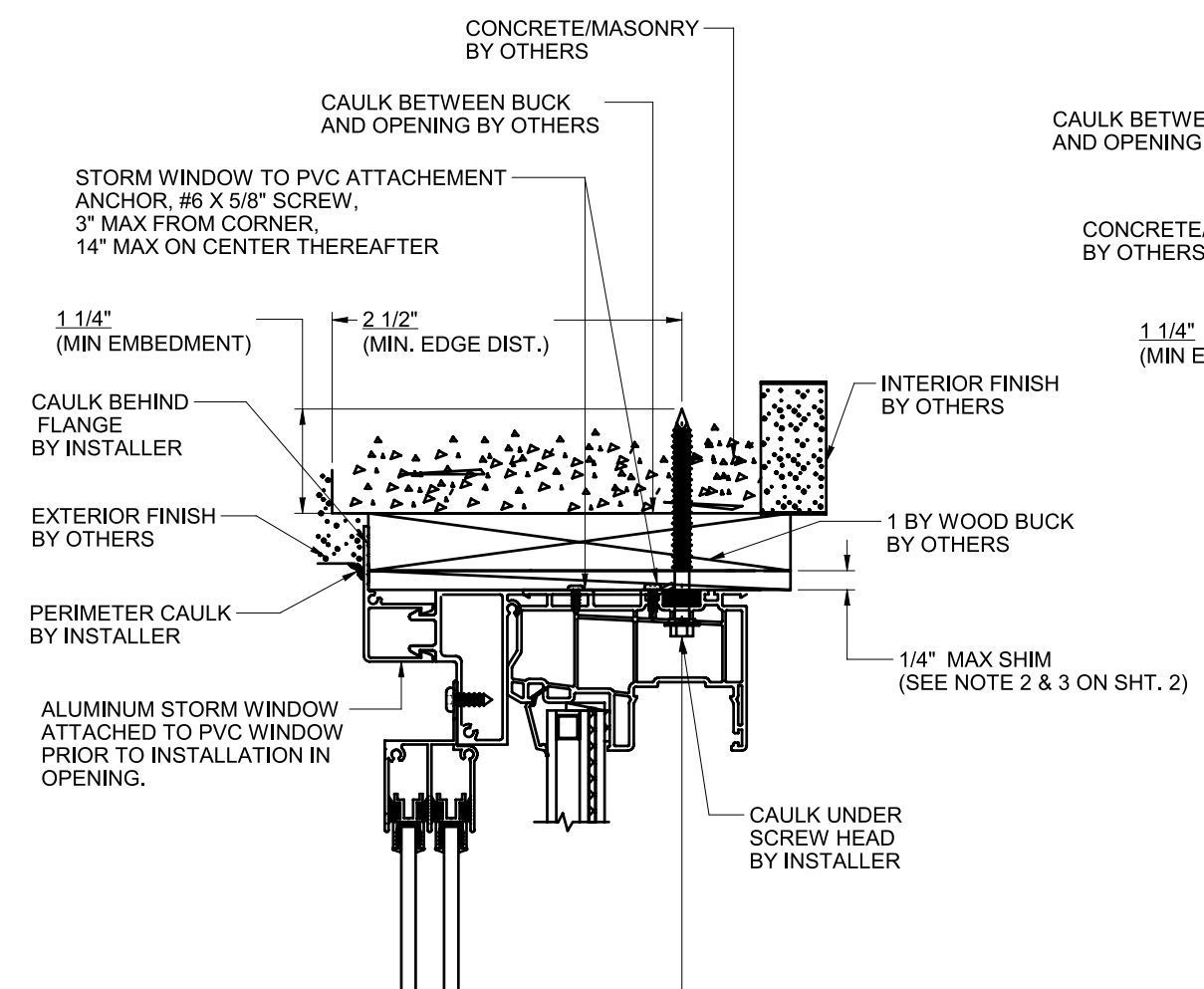


LARSON MANUFACTURING

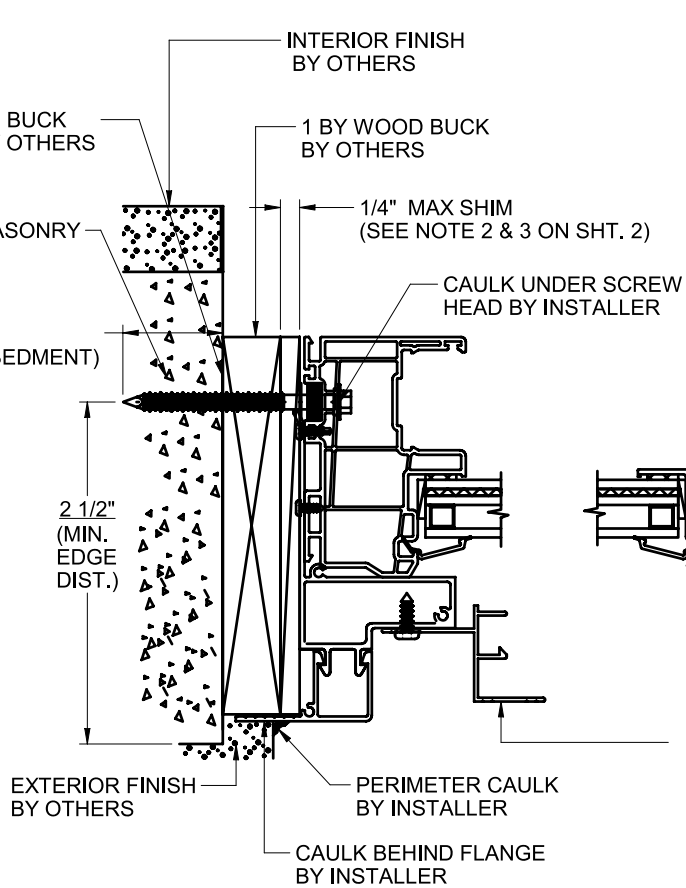
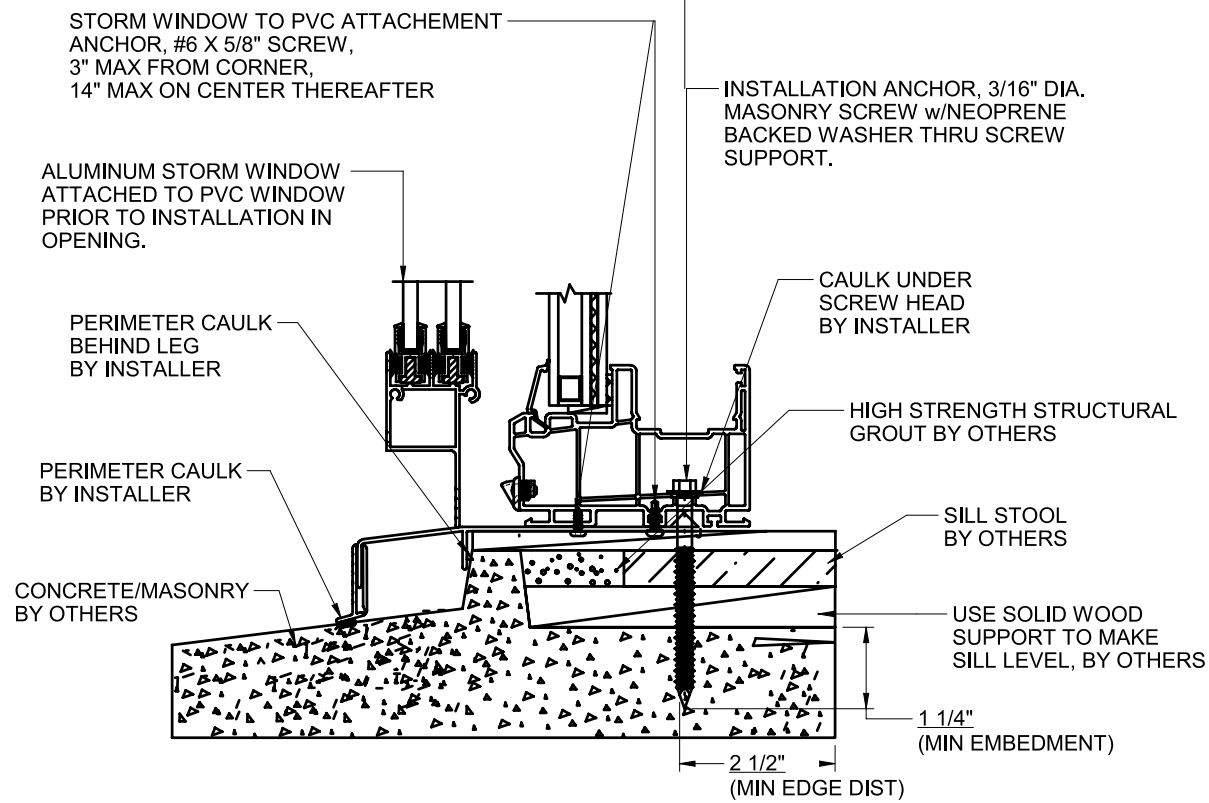
2333 EASTBROOK DR.
BROOKINGS, SD 57006

TITLE: EXTRUSIONS / B.O.M.- LARGE MISSILE IMPACT		
SERIES: T603H	DRAWN BY: ADE	DATE: 10/8/2009
MODEL: HR STORM WINDOW	SCALE: 1:2	DWG. NO.: LH-102
	REV. LETTER: --	SHEET: 5 OF 6

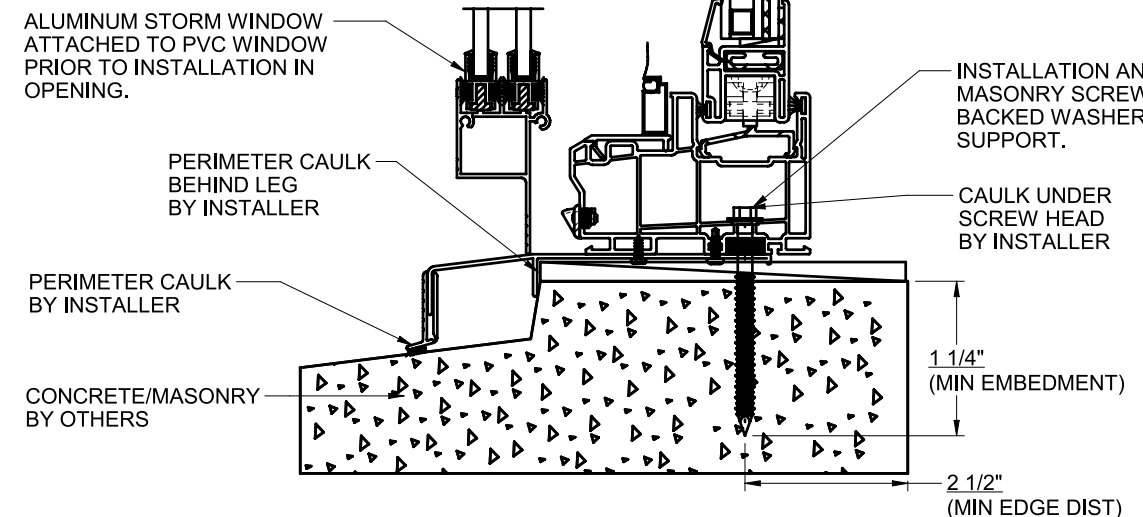
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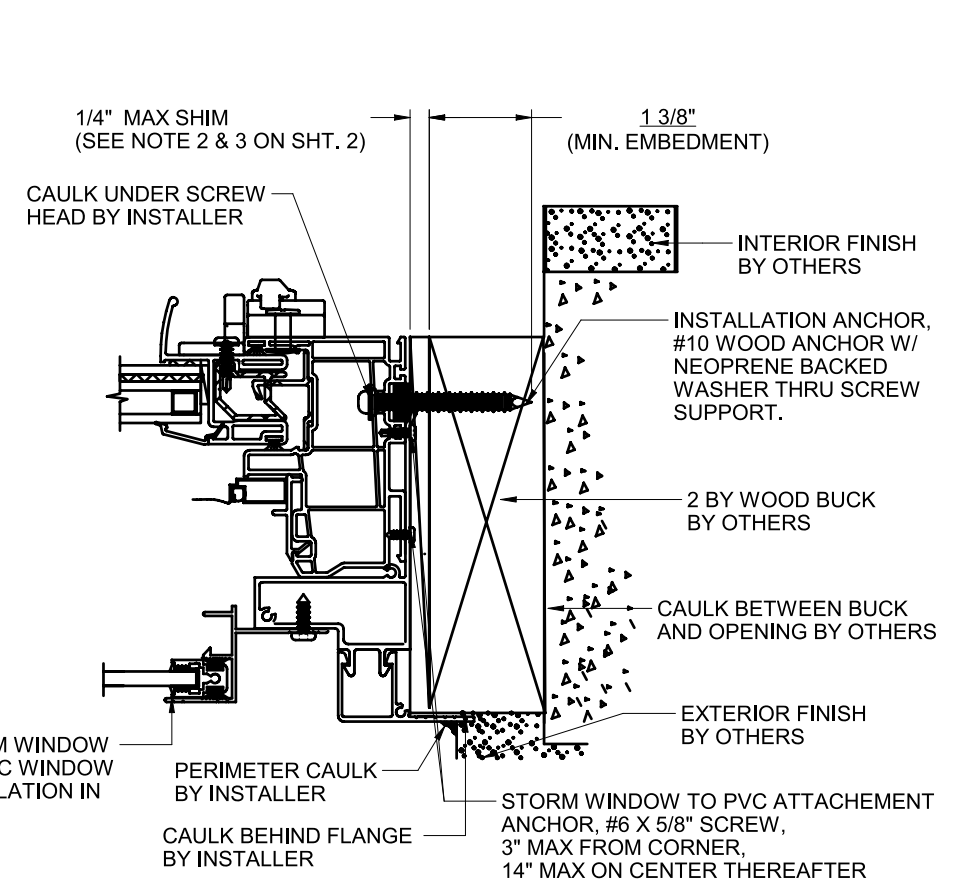
(D) VERTICAL SECTION
6 FRAME (MASONRY)



(E) HORIZONTAL SECTION
6 FRAME (MASONRY)



(G) ALTERNATE PRECAST SILL DETAIL
6 FRAME (MASONRY)



(F) HORIZONTAL SECTION
6 FRAME (WOOD)

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9/25/2020

LARSON MANUFACTURING
2333 EASTBROOK DR.
BROOKINGS, SD 57006

TITLE: INSTALLATION THRU FRAME DETAIL - LARGE MISSILE IMPACT		
SERIES: T603H	DRAWN BY: ADE	DATE: 10/8/2009
MODEL: HR STORM WINDOW	SCALE: NTS	DWG. NO.: LH-102
	REV. LETTER: --	SHEET: 6 OF 6