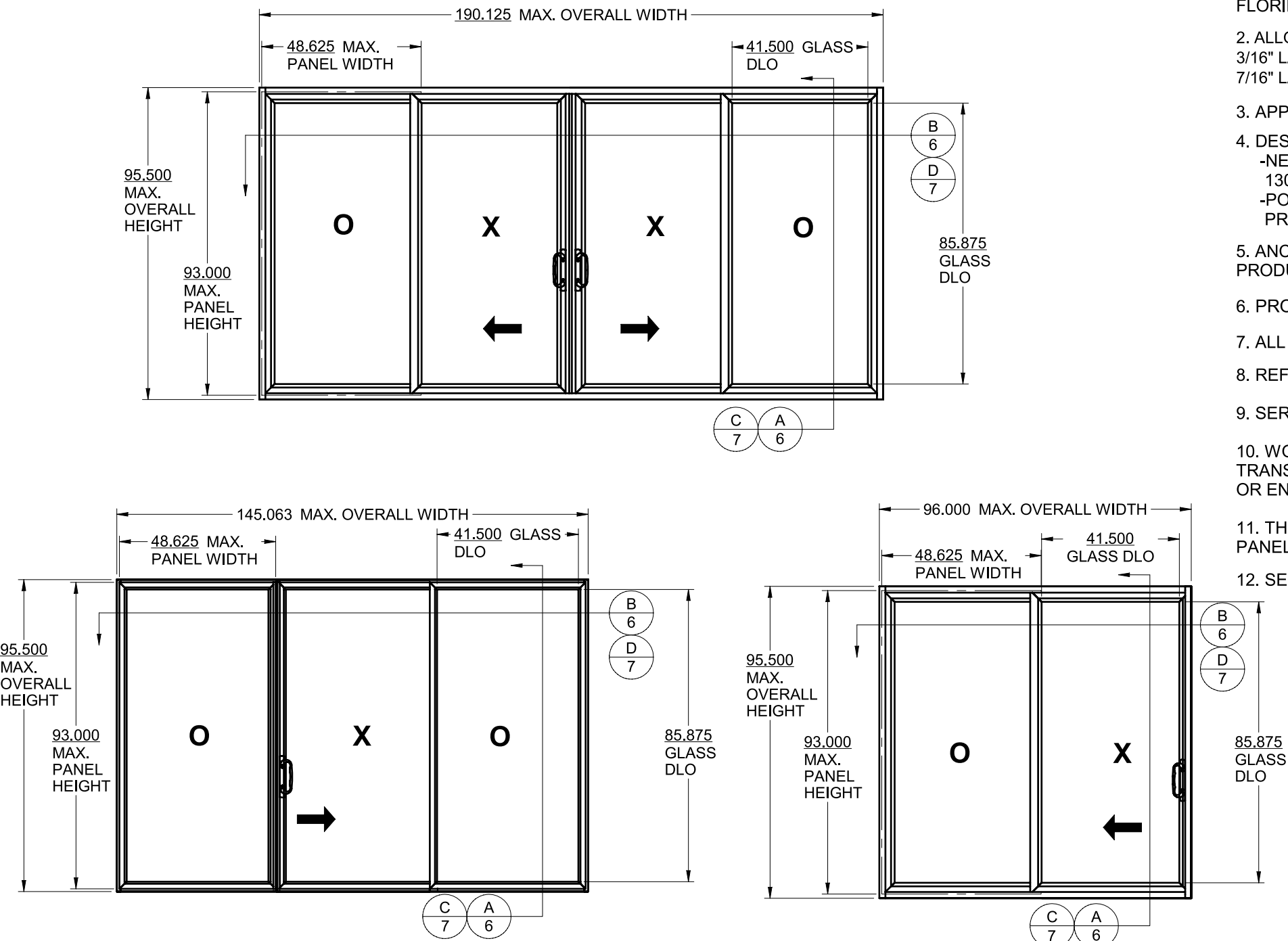


SLIDING GLASS DOOR (LARGE MISSILE IMPACT)



PVC IMPACT REQUIREMENT:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE, CURRENT EDITION.
2. ALLOWABLE GLAZING (SEE DETAIL SHEET 3): 1-3/16" OVERALL INSULATING GLASS CONSISTING OF: 3/16" LAMINATED GLASS (3/32" ANNEALED-.030"PVB-3/32" ANNEALED) - AIR GAP - 7/16" LAMINATED GLASS (3/16"ANNEALED-.090" SENTRY GLAS PLUS-3/16" ANNEALED)
3. APPROVED CONFIGURATIONS: "OXXO", "OXO", "XO", "OX"
4. DESIGN PRESSURES: +/-60 P.S.F.
-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 - 8 FOR ANCHOR DETAIL.
6. PRODUCTS APPROVED FOR IMPACT RESISTANCE.
7. ALL FRAMES ARE PROCESSED AND SCREWED TOGETHER. VENTS FULLY WELDED.
8. REFERENCE TEST REPORTS: NCTL 210-3691-01
9. SERIES / MODEL DESIGNATION: SGD-8900.
10. WOOD BUCK OR STUD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD.
11. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: X=OPERABLE PANEL, O=FIXED PANEL
12. SECTION CALLOUTS APPLY TO ALL CONFIGURATIONS.

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Lucas Turner
2020.09.25
13:06:38
-05'00'

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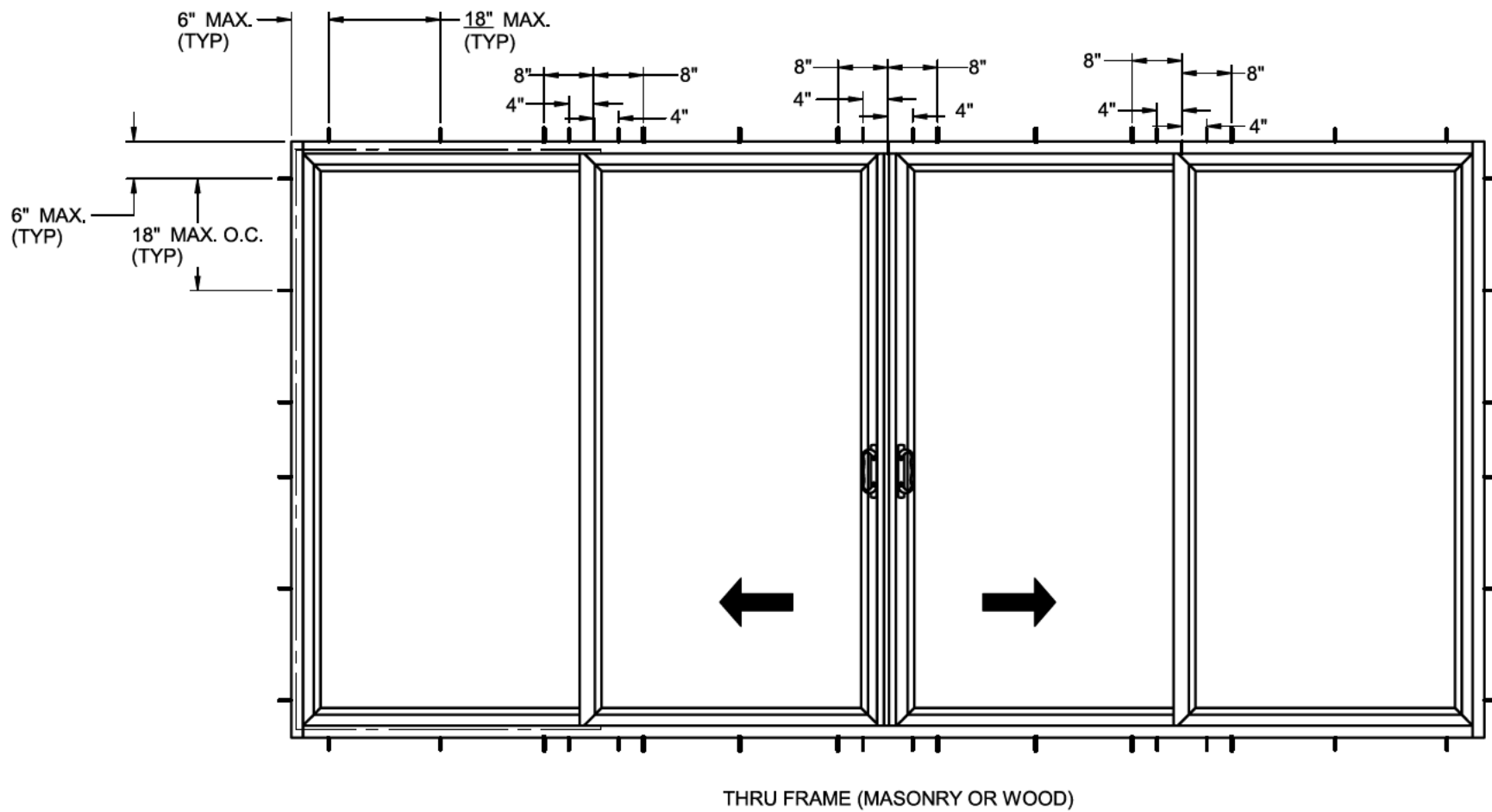
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2333 EASTBROOK DR.
BROOKINGS, SD 57006

TITLE: GENERAL NOTES & ELEVATION - LARGE MISSILE IMPACT		
SERIES: 8900	DRAWN BY: AAJ	DATE: 11/6/2009
MODEL: PVC SGD	SCALE: NTS	DWG. NO.: LH-104
	REV. LETTER:	SHEET: 1 OF 7

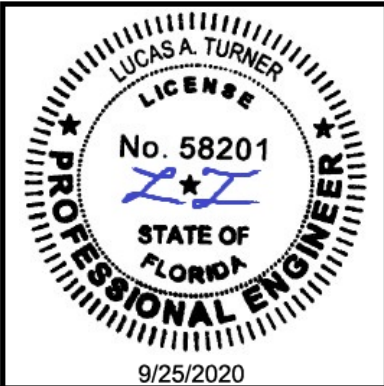


NOTES:

- 1. INSTALL TWO ANCHORS AT EACH LOCATION.
- 2. SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM 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. 1/4" DIA. ELCO ULTRACON MASONRY ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 3/4" INTO MASONRY THRU FRAME OR THRU 1 BY WOOD BUCK INTO MASONRY. A MINIMUM EDGE DISTANCE OF 2 1/2" SHALL BE ACHIEVED.
- 5. #12 DIA. WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 3/8" INTO 2 BY WOOD BUCK, OR FRAMING.
- 6. SEAL CORNERS WITH SMALL JOINT SEAM SEALANT.
- 7. ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.
- 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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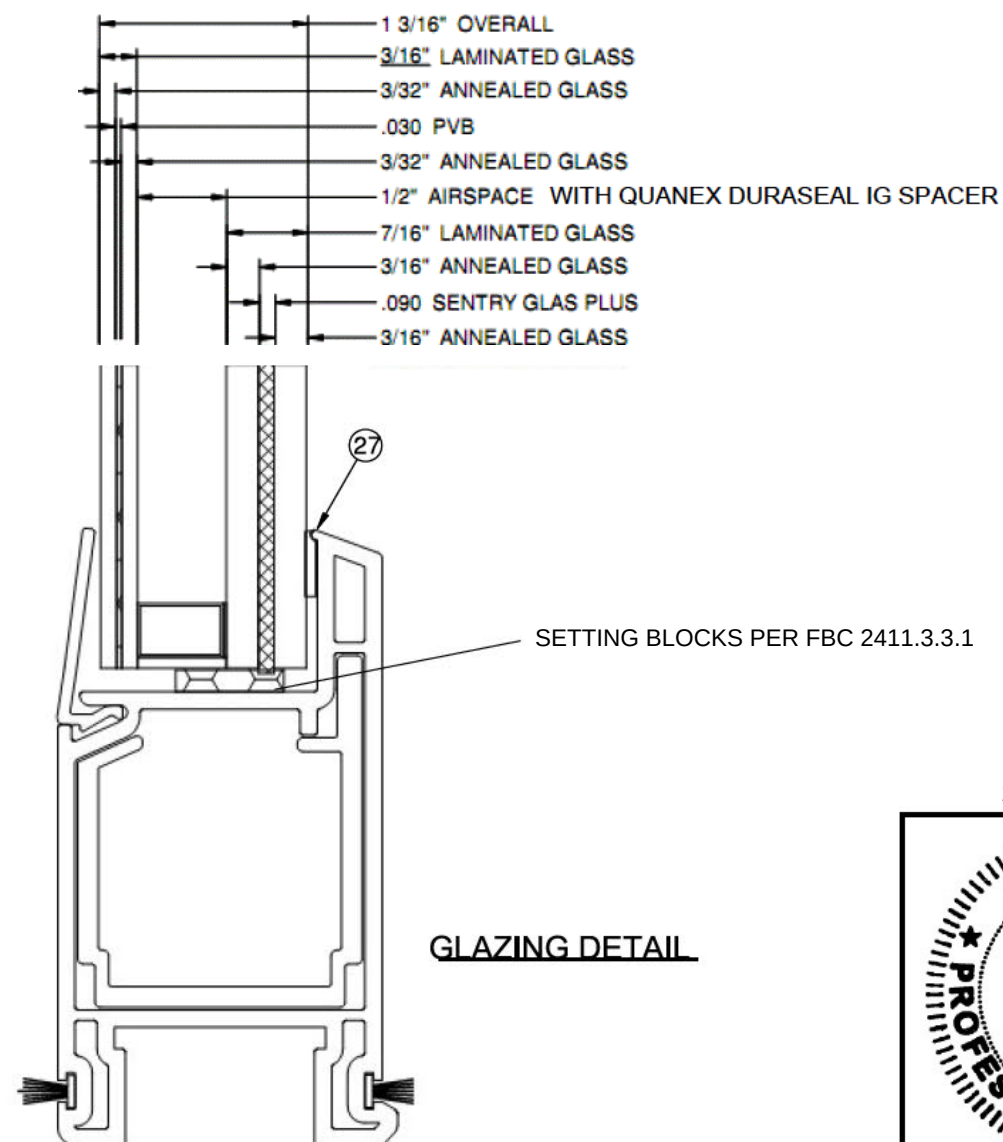
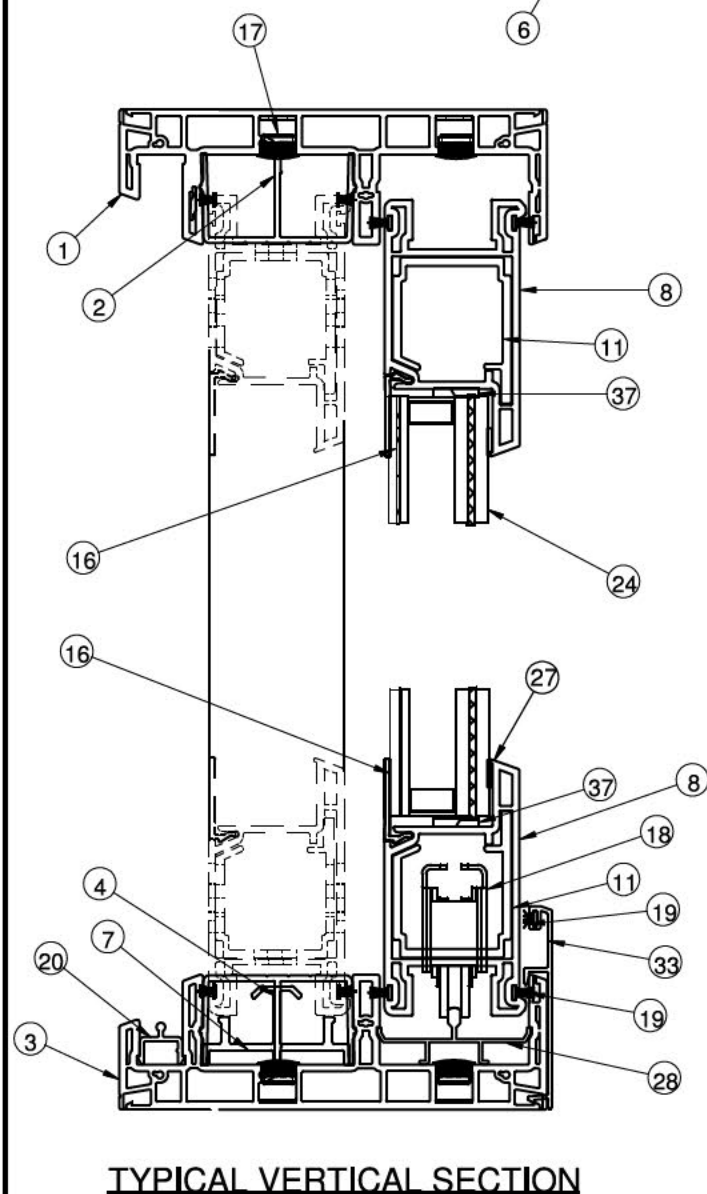
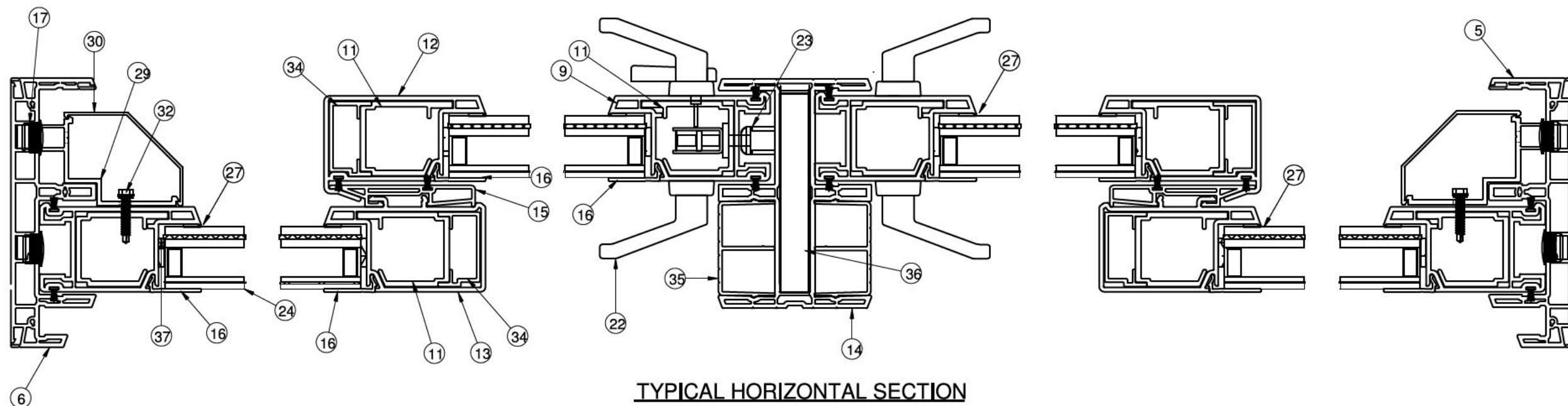
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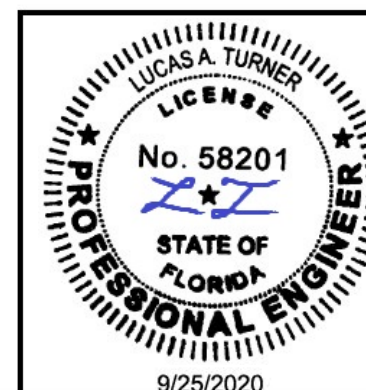
2333 EASTBROOK DR.
BROOKINGS, SD 57006

TITLE: ANCHOR SCHEDULE & NOTES - LARGE MISSILE IMPACT		
SERIES: 8900	DRAWN BY: AAJ	DATE: 11/6/2009
MODEL: PVC SGD	SCALE: NTS	DWG. NO.: LH-104
	REV. LETTER:	SHEET: 2 OF 7

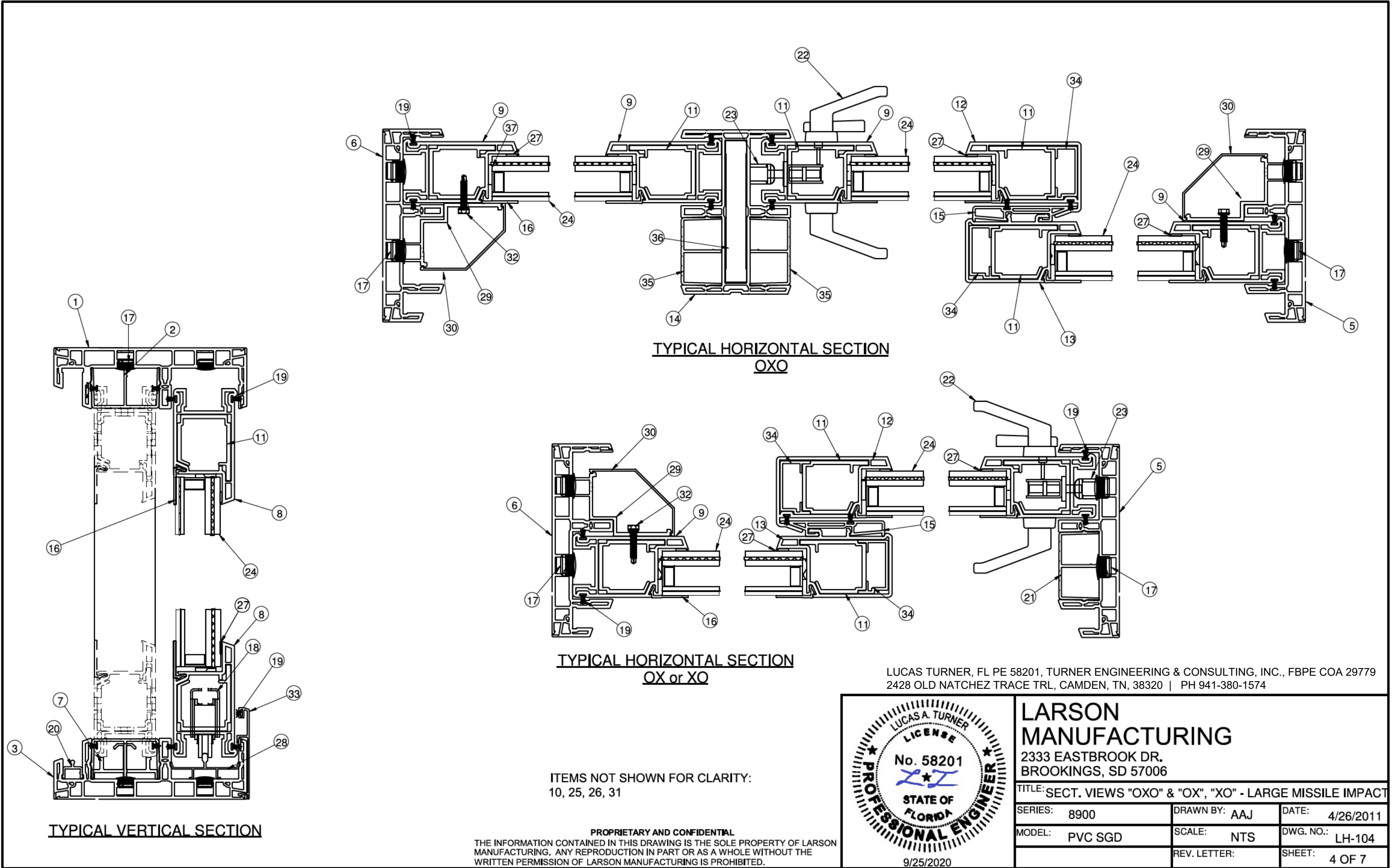


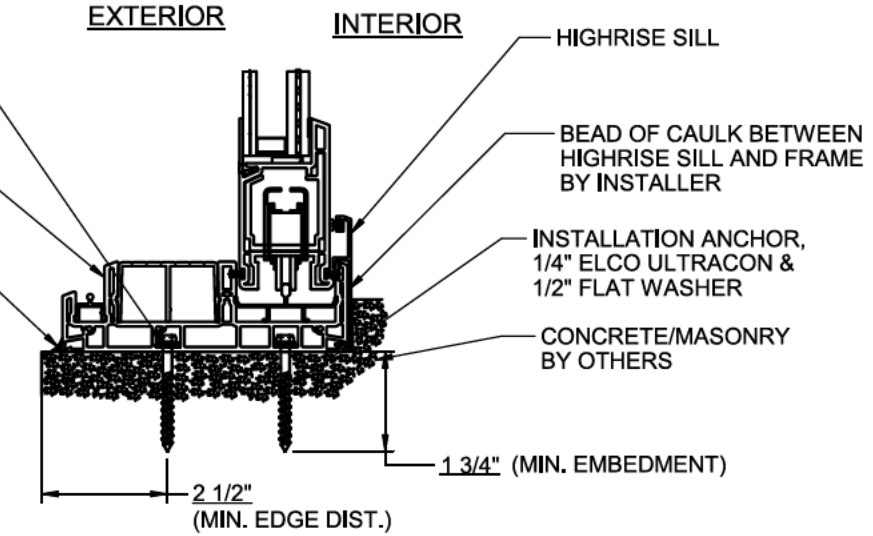
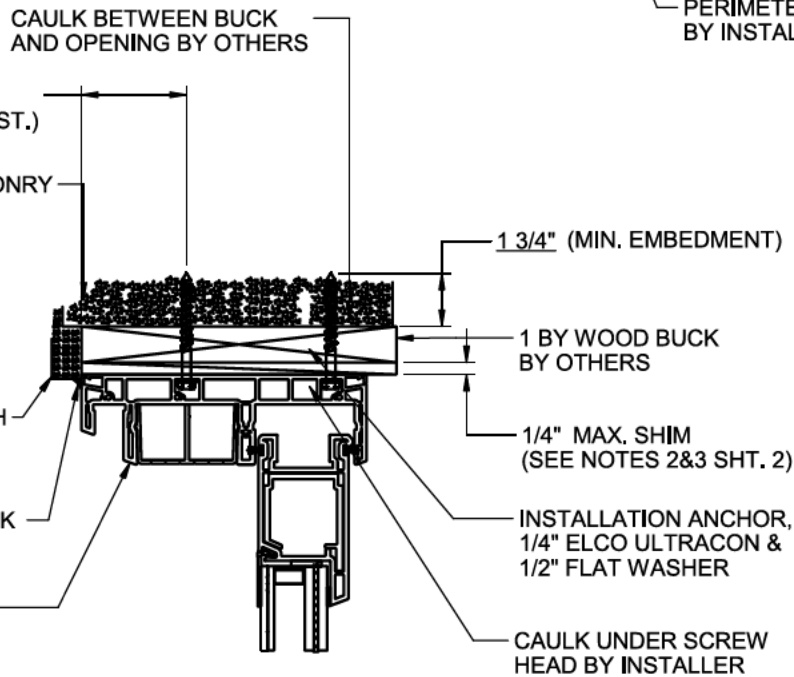
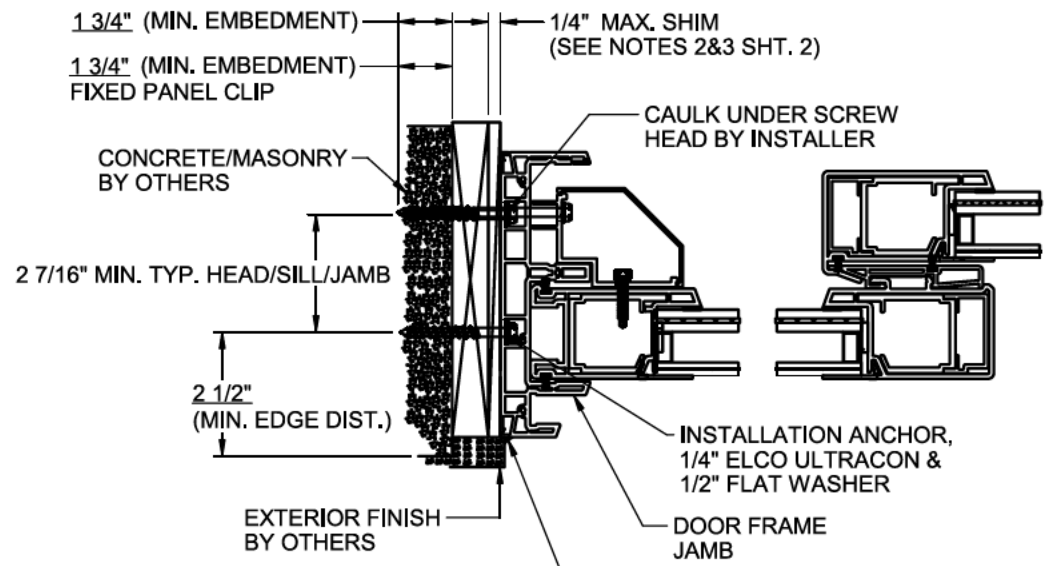
ITEMS NOT SHOWN FOR CLARITY:
10, 25, 26, 31

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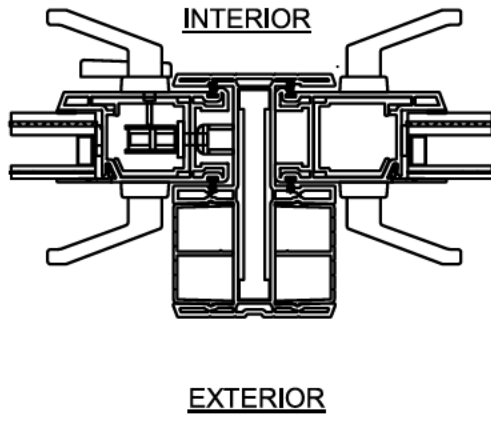


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2333 EASTBROOK DR. BROOKINGS, SD 57006		
TITLE: SECTION VIEWS, OXXO - LARGE MISSILE IMPACT		
SERIES: 8900	DRAWN BY: AAJ	DATE: 4/26/2011
MODEL: PVC SGD	SCALE: NTS	DWG. NO.: LH-104
	REV. LETTER:	SHEET: 3 OF 7

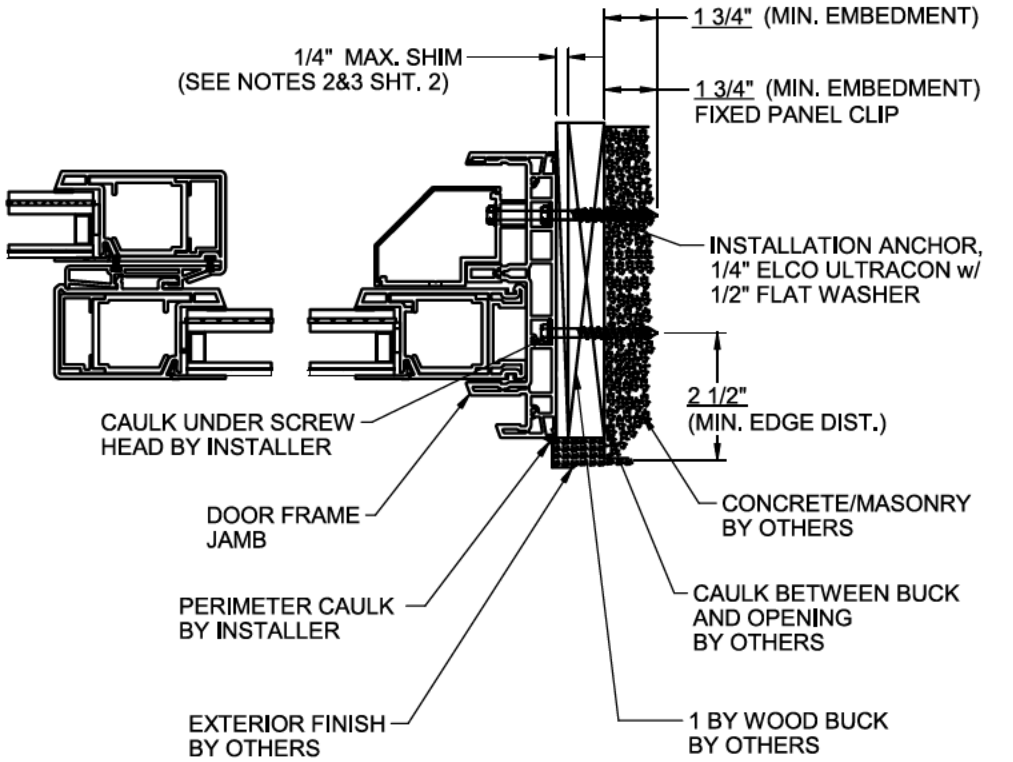




(A) VERTICAL SECTION
6 FRAME (MASONRY)



(B) HORIZONTAL SECTION
6 FRAME (MASONRY)



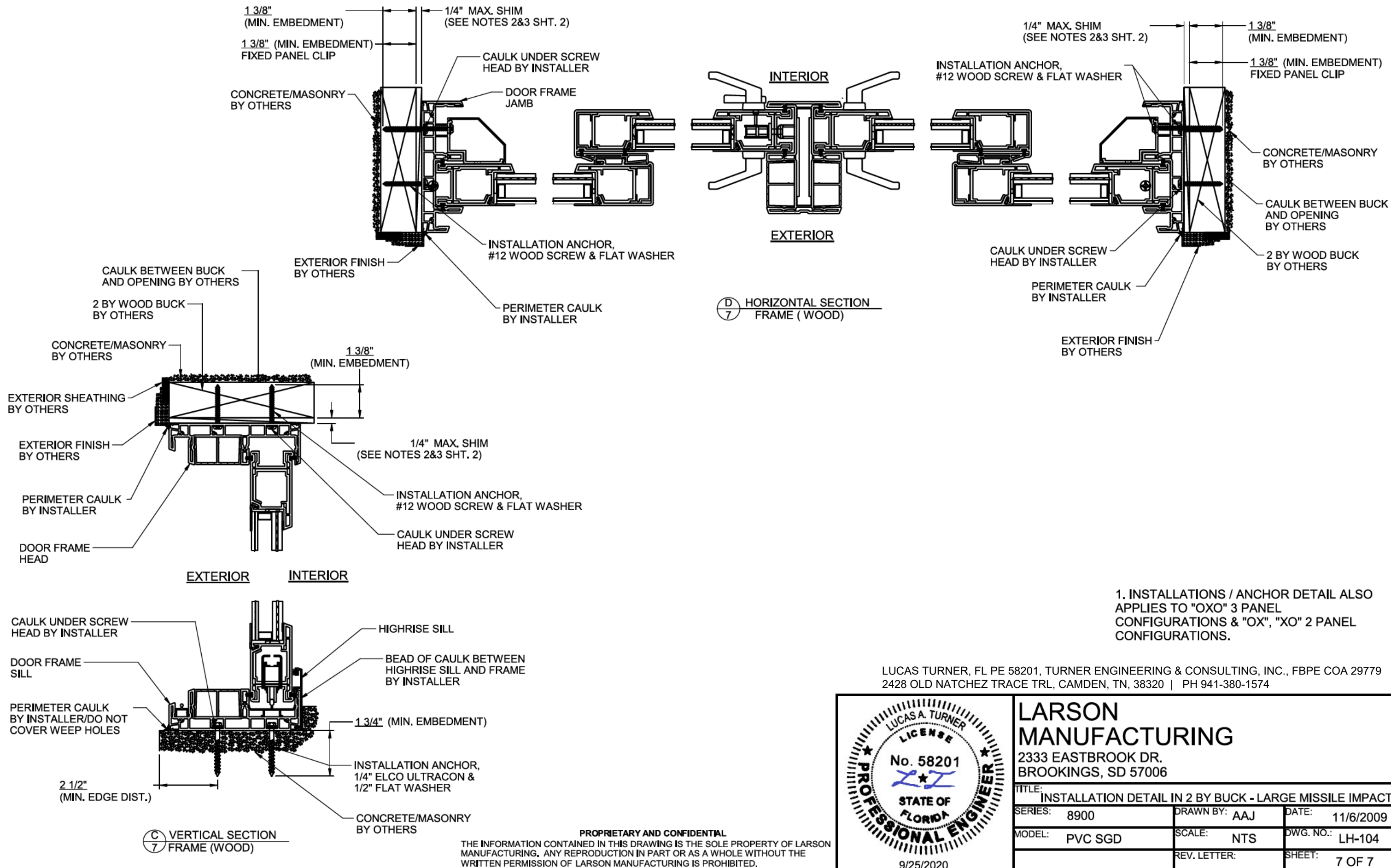
1. INSTALLATIONS / ANCHOR DETAIL ALSO APPLIES TO "OXO" 3 PANEL CONFIGURATIONS & "OX", "XO" 2 PANEL CONFIGURATIONS.

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LARSON MANUFACTURING 2333 EASTBROOK DR. BROOKINGS, SD 57006		
TITLE: INSTALLATION DETAIL IN 1 BY BUCK - LARGE MISSILE IMPACT		
SERIES: 8900	DRAWN BY: AAJ	DATE: 11/6/2009
MODEL: PVC SGD	SCALE: NTS	DWG. NO.: LH-104
	REV. LETTER:	SHEET: 6 OF 7

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1. INSTALLATIONS / ANCHOR DETAIL ALSO APPLIES TO "OXO" 3 PANEL CONFIGURATIONS & "OX", "XO" 2 PANEL CONFIGURATIONS.

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2333 EASTBROOK DR.
BROOKINGS, SD 57006

TITLE: INSTALLATION DETAIL IN 2 BY BUCK - LARGE MISSILE IMPACT		
SERIES: 8900	DRAWN BY: AAJ	DATE: 11/6/2009
MODEL: PVC SGD	SCALE: NTS	DWG. NO.: LH-104
	REV. LETTER:	SHEET: 7 OF 7

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