

JELD-WEN® Steel

CONTOURS STEEL SIDELITE, WOOD EDGE
6-8 OR 8-0 IMPACT GLAZED FIXED SIDE LITE
UTILIZING COMPONENTS FROM ODL® INC. AND
ENDURA PRODUCTS INC.

GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED IN ACCORDANCE WITH THE FOLLOWING:

TAS 201-94
TAS 202-94
TAS 203-94

- 2X AND 1X WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- DESIGNED PRESSURE RATING SEE TABLE I, PAGE 1.
- THIS PRODUCT MEETS THE WATER REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)
- PRODUCT DOES NOT REQUIRE SHUTTERS

RESIDENTIAL INSULATED STEEL SIDELITE (Common to all frame conditions)

DOOR LEAF CONSTRUCTION:

Face sheets: 24 GA (0.021" min) thickness. Galvanized steel A-525 commercial quality AKDQ per ASTM 620 with average minimum yield strength $F_y(ave)=30627$ psi.

Core Design: Dylite Expandable Polystyrene with 1.0 to 1.25 lbs density, by JELD-WEN Inc

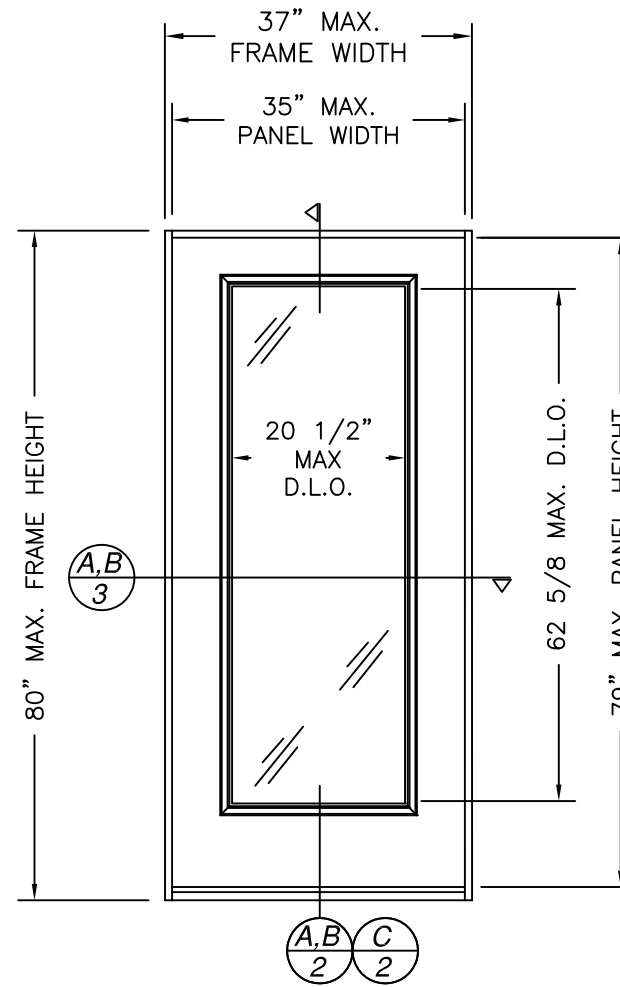
Panel Construction: The panels are constructed from 24 GA (0.021" min) galvanized steel. The face sheets at top and bottom are bent 90° over the top and bottom rails. The top rail measures 1.0" high x 1.688" wide. The steel bottom rail measures 1.21" high x 1.688" wide. The sides of the face sheets are roll formed into the latch and hinge stiles which measure 1.00" high x 1.688" wide. The interior cavity is filled with expanded polystyrene. The face sheets are glued to the expanded polystyrene. The panels are cut out for the two-piece ODL Aluminum ALLEN frame. Units are glazed with tempered and laminated impact 1" IG.

Frame Construction: The frames are constructed of fingerjointed pine jambs measuring 4-9/16" x 1-1/4". The head jambs are mortised and butt joined to the side jambs, and attached with three (3) 16GA 7/16" crown x 2" long staples on each side. The bottom sill is attached to the side jambs with three (3) 16GA-7/16" crown x 2" long staples on each side.

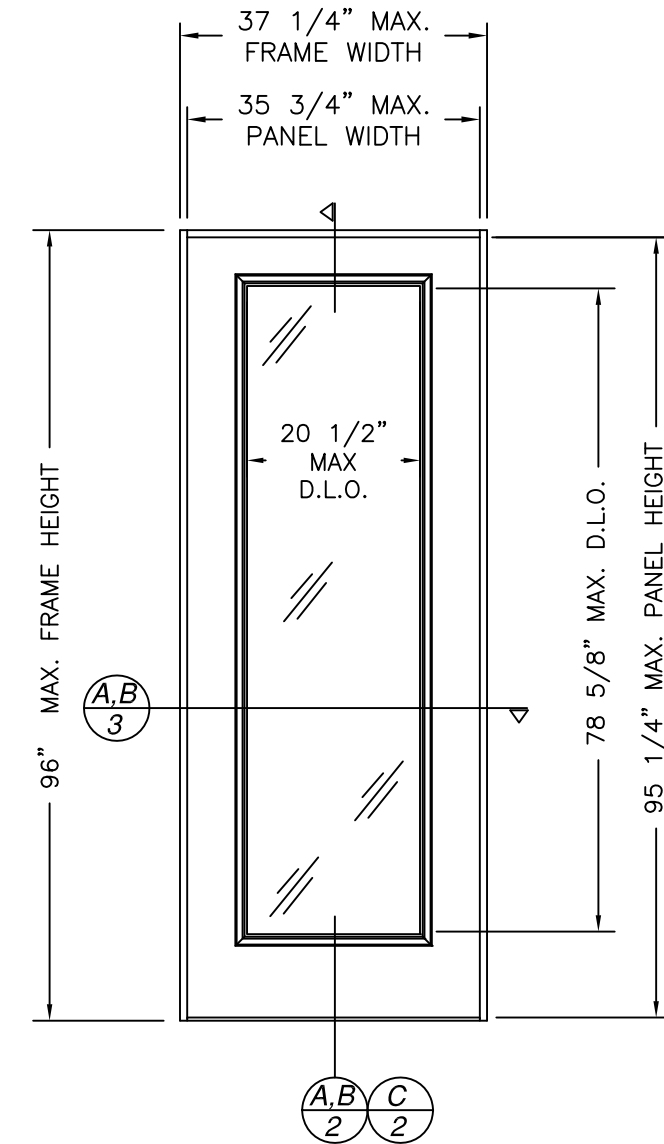
Glazing: ODL insulated lite is 1" overall thickness, consisting of one (1) pane of 0.125" tempered glass; 0.5" air space; two (2) panes of 0.125" annealed with .090" PVB interlayer by Solutia. All lites are sandwiched glazed into the panels.

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| 3 | HORIZONTAL CROSS SECTION AND GLAZING DETAIL |
| 4 | ANCHORING LOCATIONS |
| 5 | UNIT COMPONENTS |



SINGLE 6'-8" FIXED UNIT (0)
SCALE: 1/2" = 1'-0"



SINGLE 8'-0" FIXED UNIT (0)
SCALE: 1/2" = 1'-0"

ALL SIDELITE MODELS ARE
VIEWED FROM THE INTERIOR
SIDE

| UNIT | DESIGN PRESSURE RATING |
|----------|------------------------|
| 6'8" (0) | +80 PSF / -80 PSF |
| 8'0" (0) | +80 PSF / -80 PSF |

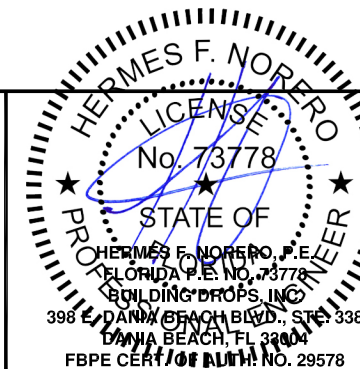
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3737 Lakeport Blvd.
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Fax (541) 850-2609

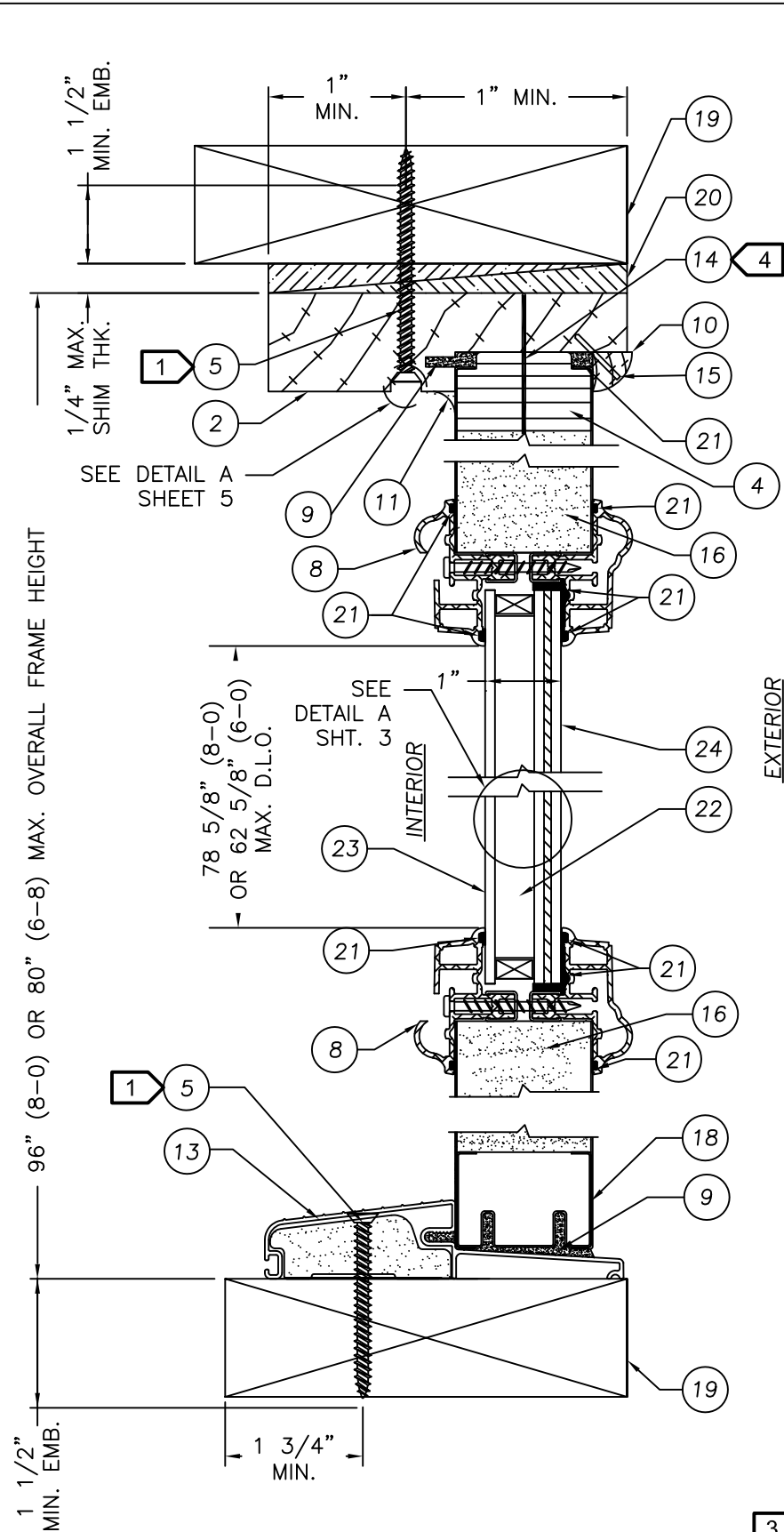
PRODUCT:
CONTOURS STEEL SIDELITE, WOOD EDGE
6-8 OR 8-0 IMPACT GLAZED FIXED
SIDELITE

PART OR ASSEMBLY:
TYPICAL ELEVATIONS &
GENERAL NOTES

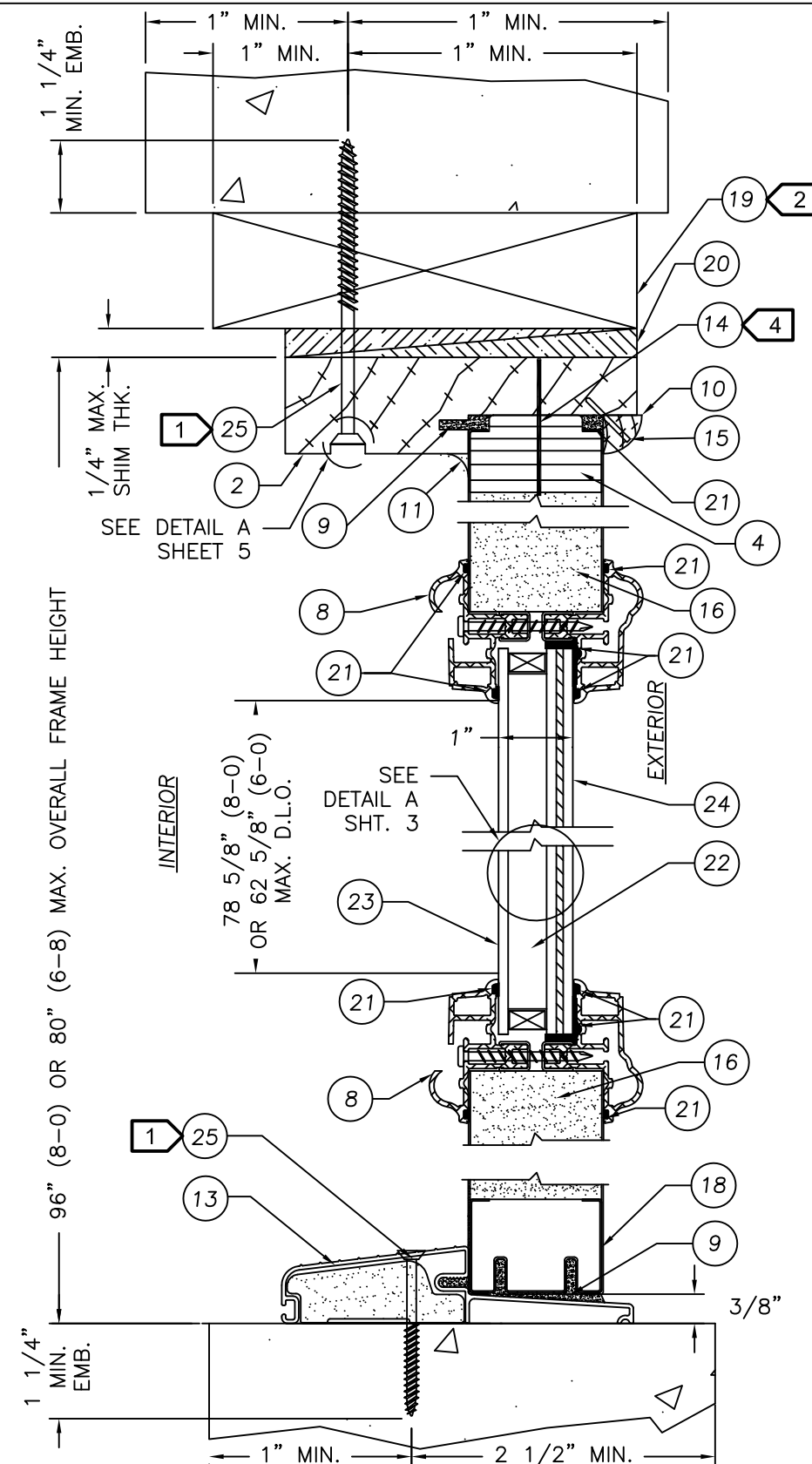
| NO. | DATE | REVISIONS |
|-----|----------|------------------|
| F | 1/20/15 | 5TH EDITION FBC |
| E | 5/4/11 | GENERAL REVISION |
| D | 9/3/08 | ADD NOTE/BOM |
| C | 2/5/08 | ADD CONC. DWG. |
| B | 4/8/06 | GENERAL REVISION |
| A | 12/17/04 | GENERAL REVISION |

DATE: 2/5/08
SCALE: AS NOTED
DWG. BY: EAG
CHK. BY: S. SAFFELL
DRAWING NO.: JW0509-05
SHEET 1 OF 5

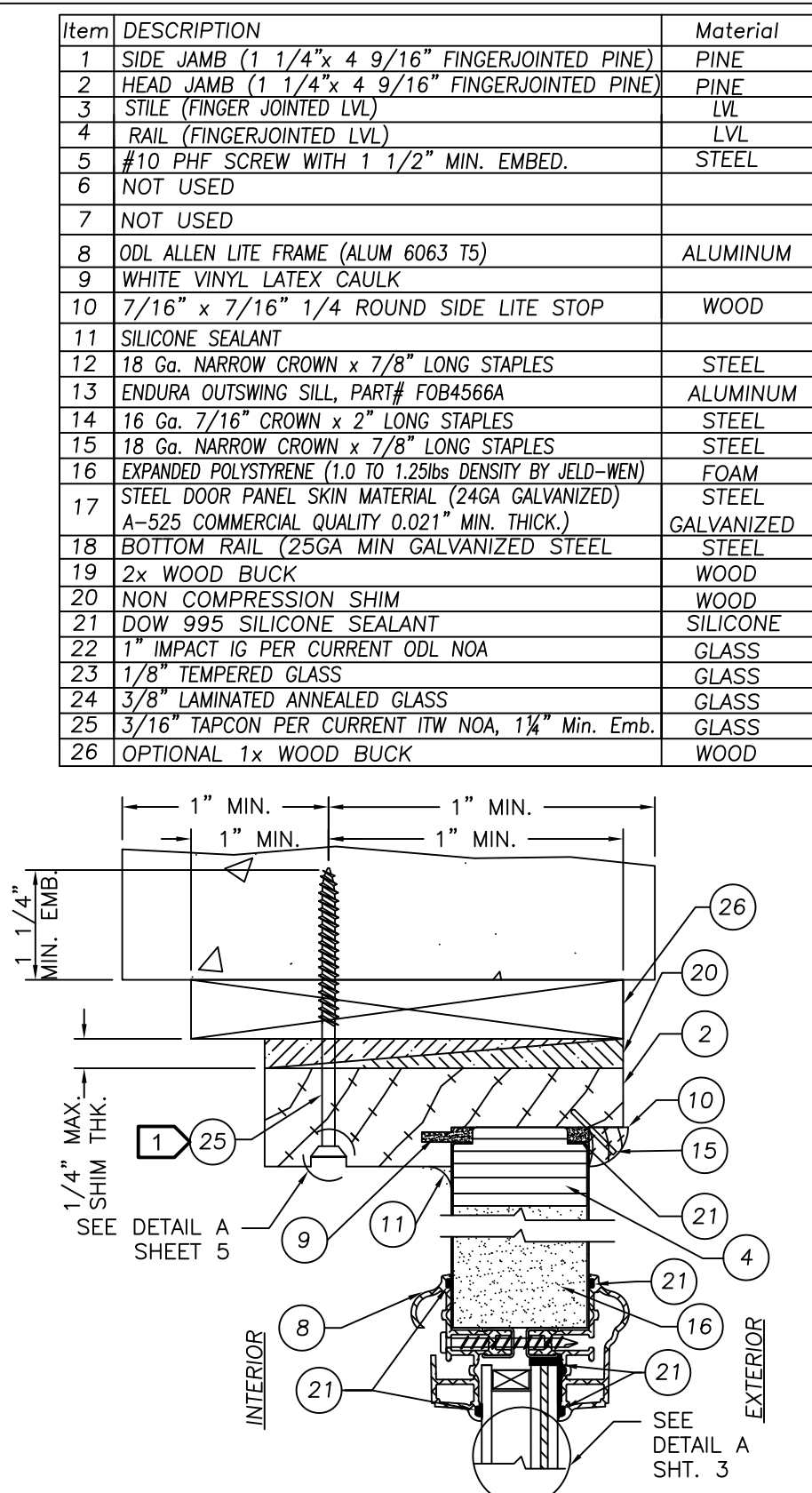




A VERTICAL CROSS SECTION TYP.
2 WOOD FRAME INSTALLATION SCALE: 6" = 1'-0"



B VERTICAL CROSS SECTION TYP.
2 CONCRETE INSTALLATION SCALE: 6" = 1'-0"



C VERTICAL CROSS SECTION TYP.
2 1X IN CONCRETE/MASONRY SCALE: 6" = 1'-0"

- NOTES:
- 1** FOR TAPCON MASONRY AND WOOD SCREW ANCHOR SPACING (ITEMS #5 & #25), SEE SHEET 4.
 - 2** FOR VERTICAL ANCHOR IN 1X BUCK OPTION IN MASONRY/CONCRETE. SEE DETAIL C2 FOR DETAILS.
 - 3** OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT IS ACHIEVED.
 - 4** FOR LOCATIONS FOR STATIONARY PANEL ANCHOR (ITEM #14), SEE SHEET 4.

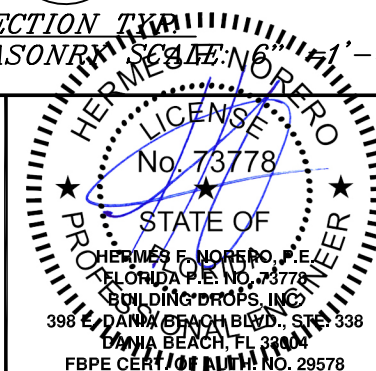
| Item | DESCRIPTION | Material |
|------|---|------------|
| 1 | SIDE JAMB (1 1/4"x 4 9/16" FINGERJOINTED PINE) | PINE |
| 2 | HEAD JAMB (1 1/4"x 4 9/16" FINGERJOINTED PINE) | PINE |
| 3 | STILE (FINGER JOINTED LVL) | LVL |
| 4 | RAIL (FINGERJOINTED LVL) | LVL |
| 5 | #10 PHF SCREW WITH 1 1/2" MIN. EMBED. | STEEL |
| 6 | NOT USED | |
| 7 | NOT USED | |
| 8 | ODL ALLEN LITE FRAME (ALUM 6063 T5) | ALUMINUM |
| 9 | WHITE VINYL LATEX CAULK | |
| 10 | 7/16" x 7/16" 1/4 ROUND SIDE LITE STOP | WOOD |
| 11 | SILICONE SEALANT | |
| 12 | 18 Ga. NARROW CROWN x 7/8" LONG STAPLES | STEEL |
| 13 | ENDURA OUTSWING SILL, PART# FOB4566A | ALUMINUM |
| 14 | 16 Ga. 7/16" CROWN x 2" LONG STAPLES | STEEL |
| 15 | 18 Ga. NARROW CROWN x 7/8" LONG STAPLES | STEEL |
| 16 | EXPANDED POLYSTYRENE (1.0 TO 1.25lbs DENSITY BY JELD-WEN) | FOAM |
| 17 | STEEL DOOR PANEL SKIN MATERIAL (24GA GALVANIZED) A-525 COMMERCIAL QUALITY 0.021" MIN. THICK.) | GALVANIZED |
| 18 | BOTTOM RAIL (25GA MIN GALVANIZED STEEL) | STEEL |
| 19 | 2x WOOD BUCK | WOOD |
| 20 | NON COMPRESSION SHIM | WOOD |
| 21 | DOW 995 SILICONE SEALANT | SILICONE |
| 22 | 1" IMPACT IG PER CURRENT ODL NOA | GLASS |
| 23 | 1/8" TEMPERED GLASS | GLASS |
| 24 | 3/8" LAMINATED ANNEALED GLASS | GLASS |
| 25 | 3/16" TAPCON PER CURRENT ITW NOA, 1 1/4" Min. Emb. | GLASS |
| 26 | OPTIONAL 1x WOOD BUCK | WOOD |

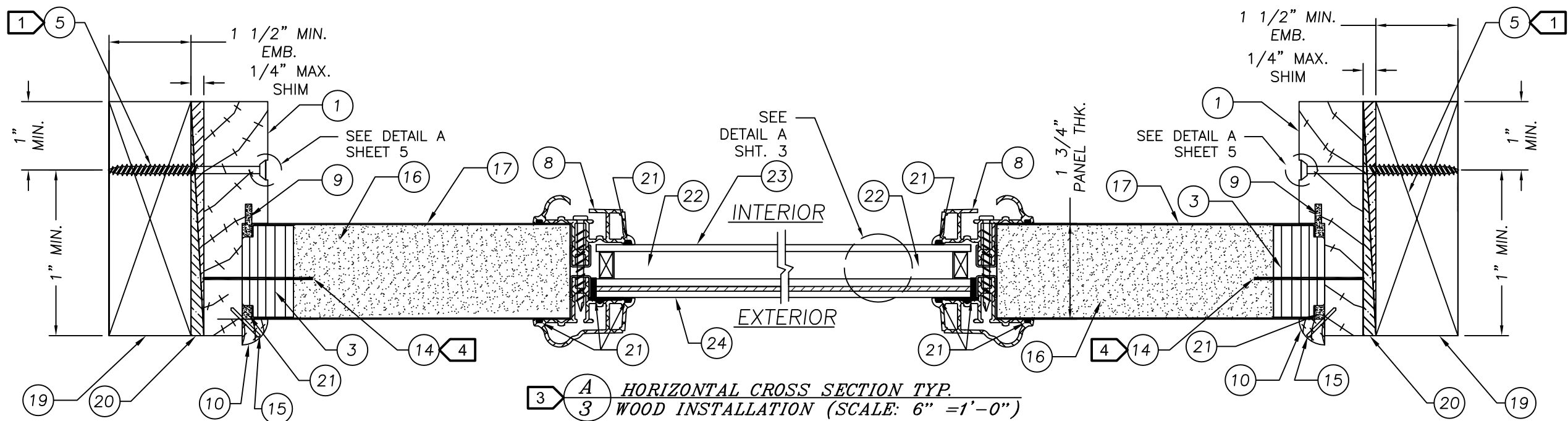
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PRODUCT: STEEL SIDELITE, WOOD EDGE
 CONTOURS
 6-8 OR 8-0 IMPACT GLAZED FIXED
 SIDELITE
 PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS
 BILL OF MATERIAL

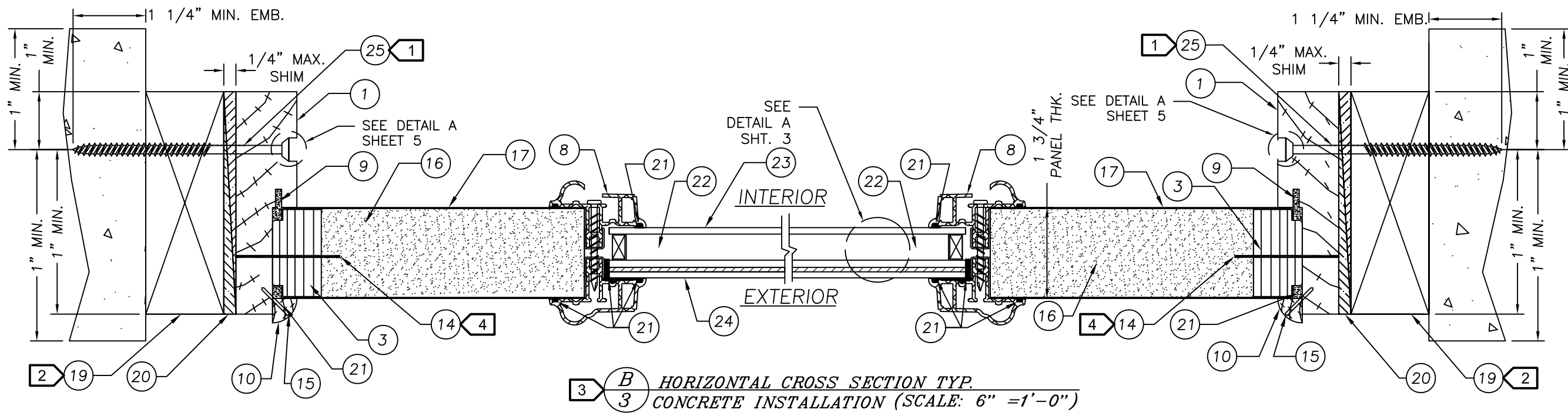
| NO. | DATE | REVISIONS |
|-----|----------|-----------------------|
| F | 1/20/15 | 5TH EDITION FBC SM |
| E | 5/4/11 | GENERAL REVISION GL |
| D | 9/3/08 | ADD NOTE/BOM WBD |
| C | 2/5/08 | ADD CONC. DWG. EAG |
| B | 4/8/06 | GENERAL REVISION DREW |
| A | 12/17/04 | GENERAL REVISION |

DATE: 2/5/08
 SCALE: AS NOTED
 DWG. BY: EAG
 CHK. BY: S. SAFFELL
 DRAWING NO.: JW0509-05
 SHEET 2 OF 5

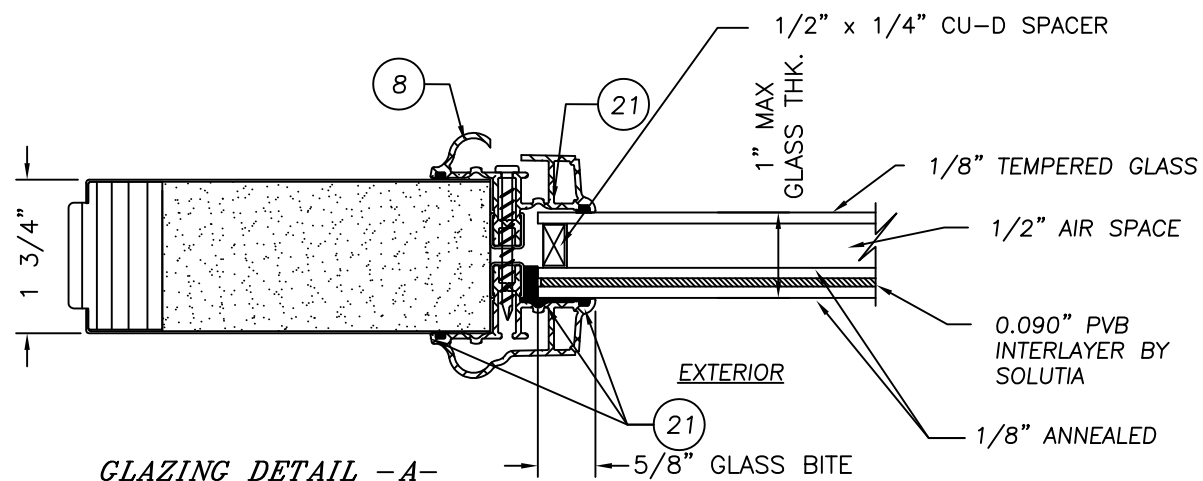




A HORIZONTAL CROSS SECTION TYP.
WOOD INSTALLATION (SCALE: 6" = 1'-0")



B HORIZONTAL CROSS SECTION TYP.
CONCRETE INSTALLATION (SCALE: 6" = 1'-0")



GLAZING DETAIL - A-
(SCALE: 6" = 1'-0")

NOTES:

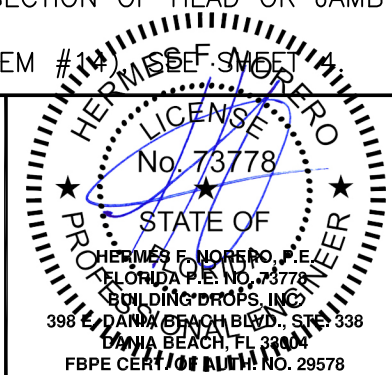
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- 4 FOR LOCATIONS FOR STATIONARY PANEL ANCHOR (ITEM #14) SEE SHEET

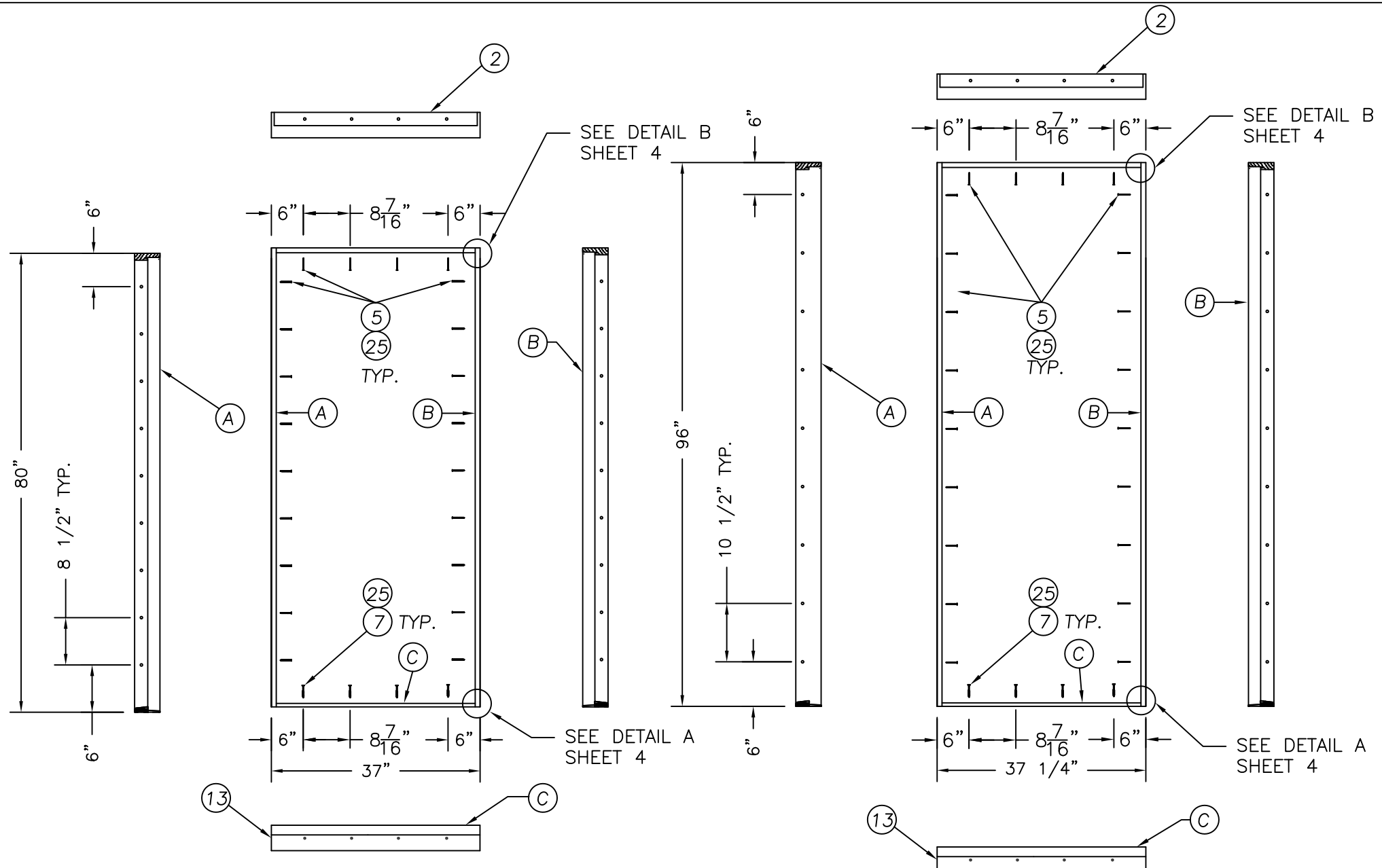
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PRODUCT: STEEL SIDELITE, WOOD EDGE
CONTOURS 6-8 OR 8-0 IMPACT GLAZED FIXED
SIDELITE
PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

| NO. | DATE | BY | REVISIONS |
|-----|----------|------|------------------|
| F | 1/20/15 | SM | 5TH EDITION |
| L | 5/4/11 | GL | GENERAL REVISION |
| D | 9/3/08 | WBD | ADD NOTE/BOM |
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CHK. BY: S. SAFFELL
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SHEET 3 OF 5

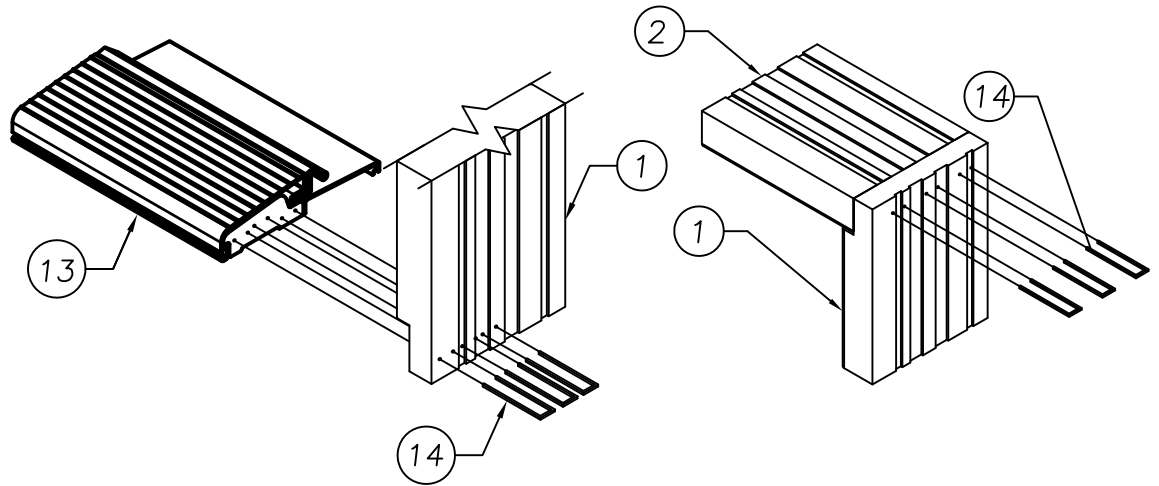




ANCHORING LOCATIONS 6'-8" FIXED SINGLE UNIT (O)
SCALE: 1/2" = 1'-0"

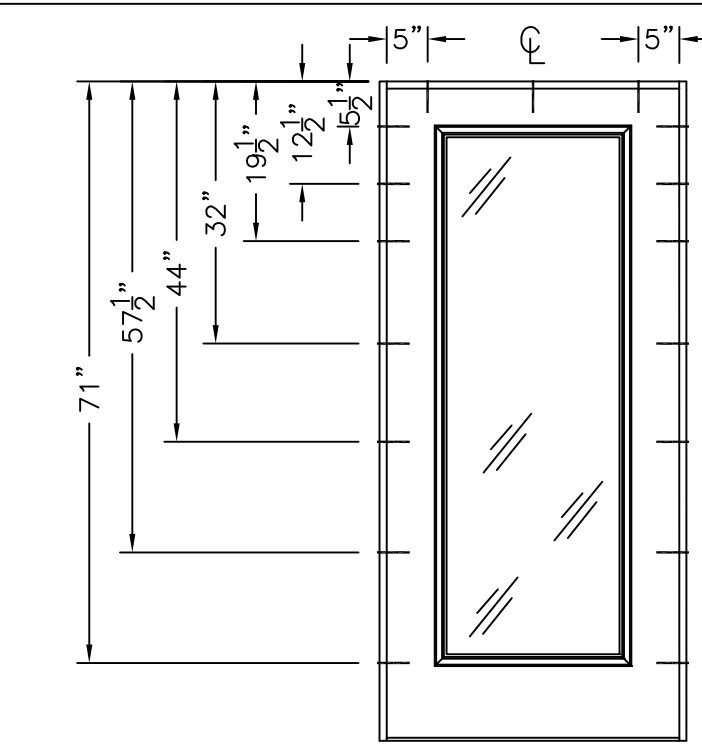
ALL DOOR MODELS ARE VIEWED FROM THE EXTERIOR SIDE

ANCHORING LOCATIONS 8'-0" FIXED SINGLE UNIT (O)
SCALE: 1/2" = 1'-0"

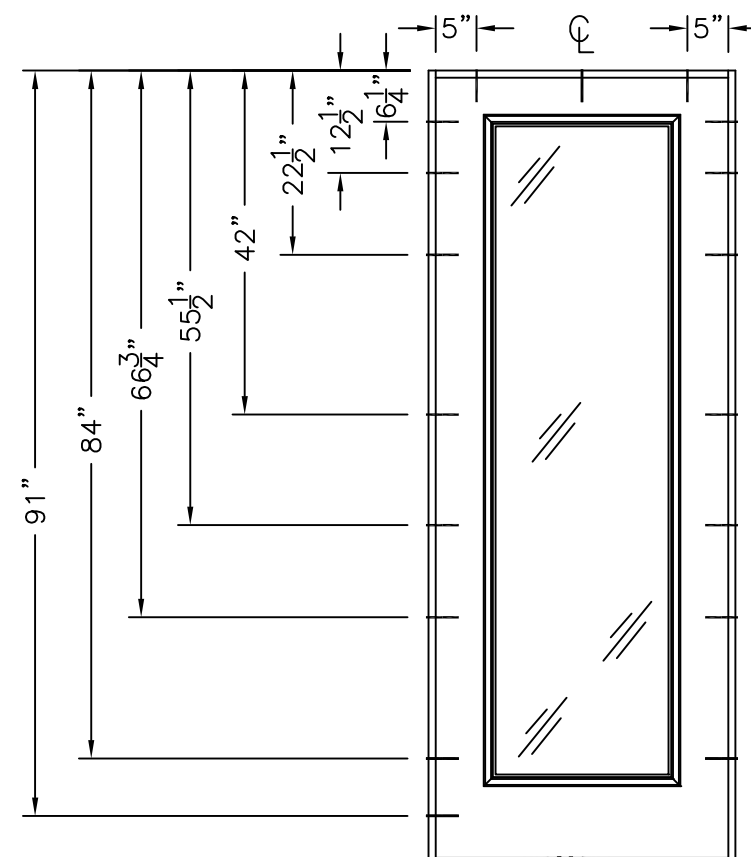


DETAIL A
SCALE: 3" = 1'-0"

DETAIL B
SCALE: 3" = 1'-0"



PANEL ANCHORING LOCATIONS 6'-8" FIXED SINGLE UNIT (O)



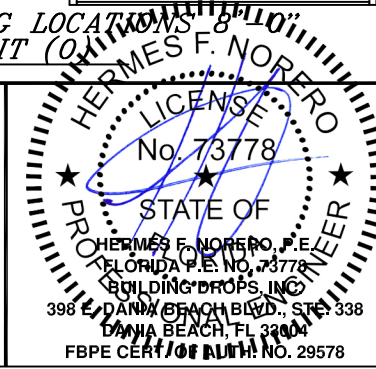
PANEL ANCHORING LOCATIONS 8'-0" FIXED SINGLE UNIT (O)

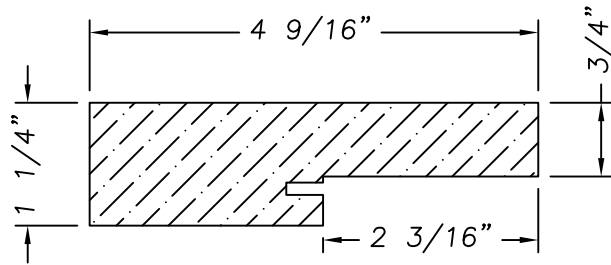
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PRODUCT: CONTOURS STEEL SIDELITE, WOOD EDGE
6-8 OR 8-0 IMPACT GLAZED FIXED SIDELITE
PART OR ASSEMBLY: ANCHORING LOCATIONS & DETAILS

| NO. | DATE | BY | REVISIONS |
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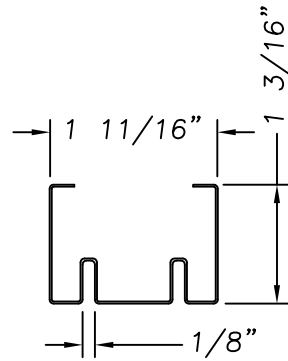
DATE: 2/5/08
SCALE: AS NOTED
DWG. BY: EAG
CHK. BY: S. SAFFELL
DRAWING NO.: JW0509-05
SHEET 4 OF 5



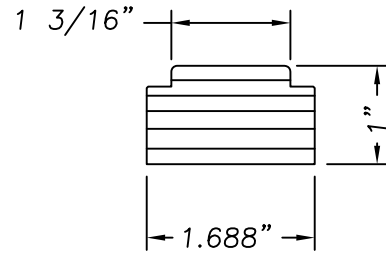


1 WOOD JAMB FINGERJOINTED PINE
SCALE: 6" = 1'-0"

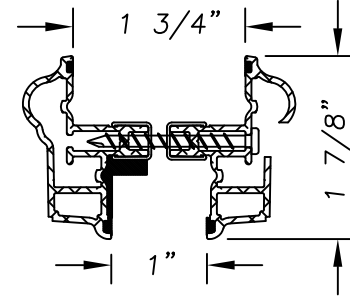
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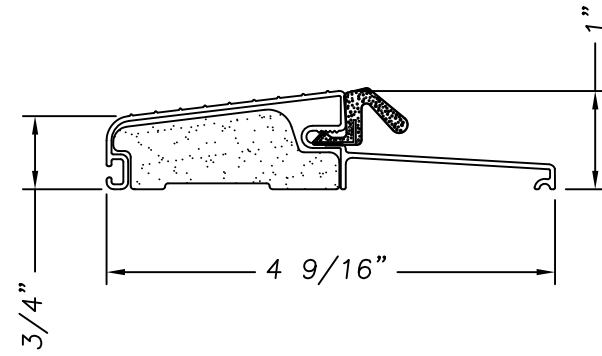
18 BOTTOM RAIL
STEEL, 25GA MIN. GALV.
SCALE: 6" = 1'-0"



3
4 STILE & RAIL (LVL)
SCALE: 6" = 1'-0"

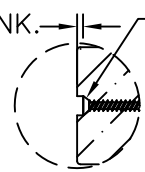


8 ODL "ALEN" FRAME
ALUMINUM 6063 T5
SCALE: 6" = 1'-0"



13 FIXED THRESHOLD
(ENDURA) PT#FOB4566A
6063-T6 ALUMINUM
SCALE: 6" = 1'-0"

3/16" C-SINK.



NOTE

- 1-USE #10 WOOD INSTALLATION SCREW W/ 1 1/2" MIN. EMBEDMENT WHEN INSTALLING INTO WOOD SUBSTRATE AT HEAD & JAMBS.
- 2-USE #8 x 2 1/2" PFH WOOD SCREW WHEN INSTALLING INTO MULLIONS.
- 3-USE 3/16" ITW TAPCON ANCHOR W/ 1 1/4" MIN. EMBED. WHEN INSTALLING INTO CONCRETE/MASONRY SUBSTRATE AT SIDELITE SILLS.

DETAIL A - COUNTERSINK DETAIL
SCALE: 1/4" = 1'-0"

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CONTOURS 6-8 OR 8-0 IMPACT GLAZED FIXED
SIDELITE

PART OR ASSEMBLY:
UNIT COMPONENTS

| NO. | DATE | REVISIONS | BY |
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| D | 9/3/08 | ADD NOTE/BOM | WBD |
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| A | 12/17/04 | GENERAL REVISION | DREW |

DATE: 2/5/08
SCALE: AS NOTED
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CHK. BY: S. SAFFELL
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SHEET 5 OF 5

