

# JELD-WEN®

FIBERLAST GLAZED

3-0x6-8  
INSWING/OUTSWING COMPOSITE DOOR

## GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2006 IBC/IRC WITH THE 2006 TEXAS REVISIONS. PRODUCT HAS BEEN TESTED TO ASTM E330-02, E331-00, E283-04, E1886-05, E1996-05 & AAMA 1304-2.
2. 2X AND 1X WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. DESIGNED PRESSURE RATING SEE TABLE 1, PAGE 1.
5. SCALE BASED ON 11x17 SHEET SIZE.
6. ALL 1X & 2X TO BE 0.55 SPECIFIC GRAVITY OR GREATER.
7. WHERE WATER INFILTRATION IS REQD, UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH / OH HEIGHT IS EQUAL TO OR GREATER THAN 1.0.

## DOOR LEAF CONSTRUCTION:

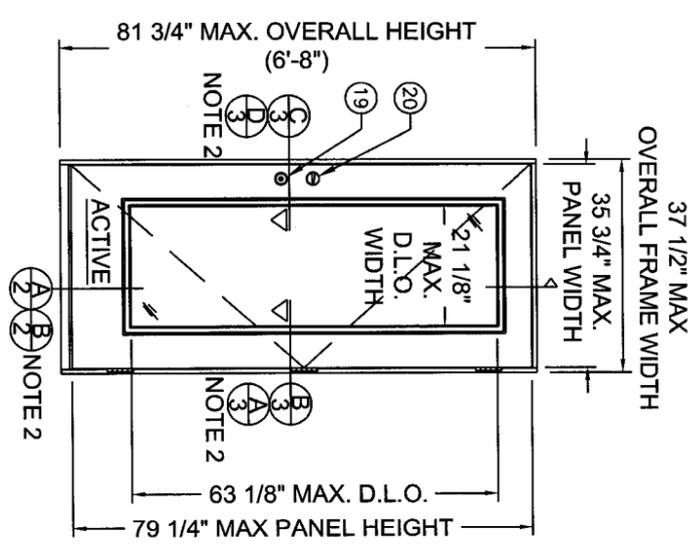
FACE SHEETS: THE FACE SHEETS ARE GLUED TO THE SUBSTRATE WITH LMC ADHESIVE.  
 CORE DESIGN: THE CORE CONSISTS OF 1.75-2.25 POUND DENSITY INJECTED POLYURETHANE  
 PANEL CONSTRUCTION: PANEL CONSIST OF TWO FIBERGLASS SKINS BONDED TO AURALAST TREATED PINE STILES AND TOP RAIL. THE BOTTOM RAIL IS A PVC/LVL COMPOSITE  
 FRAME CONSTRUCTION: THE FRAME JAMBS AND HEAD ARE CONSTRUCTED OF WOOD WHICH HAS BEEN TREATED IN ACCORDANCE WITH WDMA I.S.04. THE OUTSWING SILL IS COMPRISED OF A COMPOSITE MATERIAL W/ ALUMINUM EXTRUSION. THE INSWING SILL IS COMPRISED OF A COMPOSITE MATERIAL WITH ALUMINUM EXTRUSION AND ADJUSTABLE ALUMINUM RISER. TOP CORNERS ARE COPED, BUTTED, AND SEALED USING SILICONE AND FASTENED USING FOUR 16 GA. 7/16" X 2" LONG STAPLES PER CORNER. BOTTOM CORNERS ARE COPED, BUTTED, AND SEALED USING SILICONE AND FASTENED USING THREE 16 GA. 7/16" X 2" LONG STAPLES. ALL FRAME JOINERY ARE SEALED AT THE EXTERIOR USING DOW 1199 SILICONE.

## MATERIAL PROTECTION

1. ALL LATCH/LOCK AND HINGE HARDWARE TO BE OF CORROSION RESISTANT MATERIAL OR CORROSION RESISTANT COATED.
2. ANCHORING COMPONENTS MUST MEET THE CORROSION RESISTANT STANDARDS AS IDENTIFIED IN THE FBC.

NOTE:  
 1- VIEW FROM INTERIOR.  
 2- MASONRY AND CONCRETE CONSTRUCTION.

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3	INSWING HORIZONTAL CROSS SECTIONS
4	OUTSWING VERTICAL CROSS SECTIONS & ELEVATION
5	OUTSWING HORIZONTAL CROSS SECTIONS
6	ANCHORING LOCATIONS & DETAILS
7	UNIT COMPONENTS



SINGLE UNIT (X)  
 INSWING  
 (INTERIOR VIEW)

DESIGN PRESSURE RATING	
INSWING	OUTSWING
POSITIVE	POSITIVE
NEGATIVE	NEGATIVE
+66	+66
-66	-66

TABLE 1

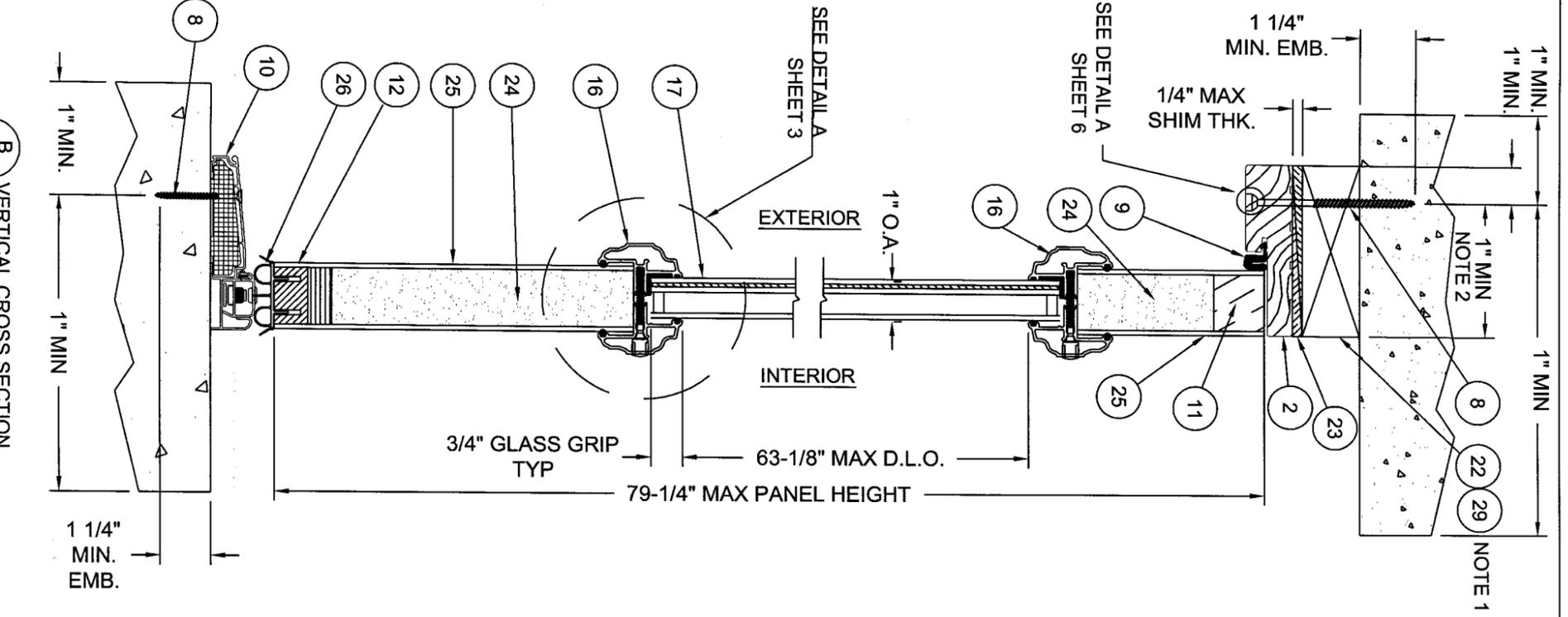
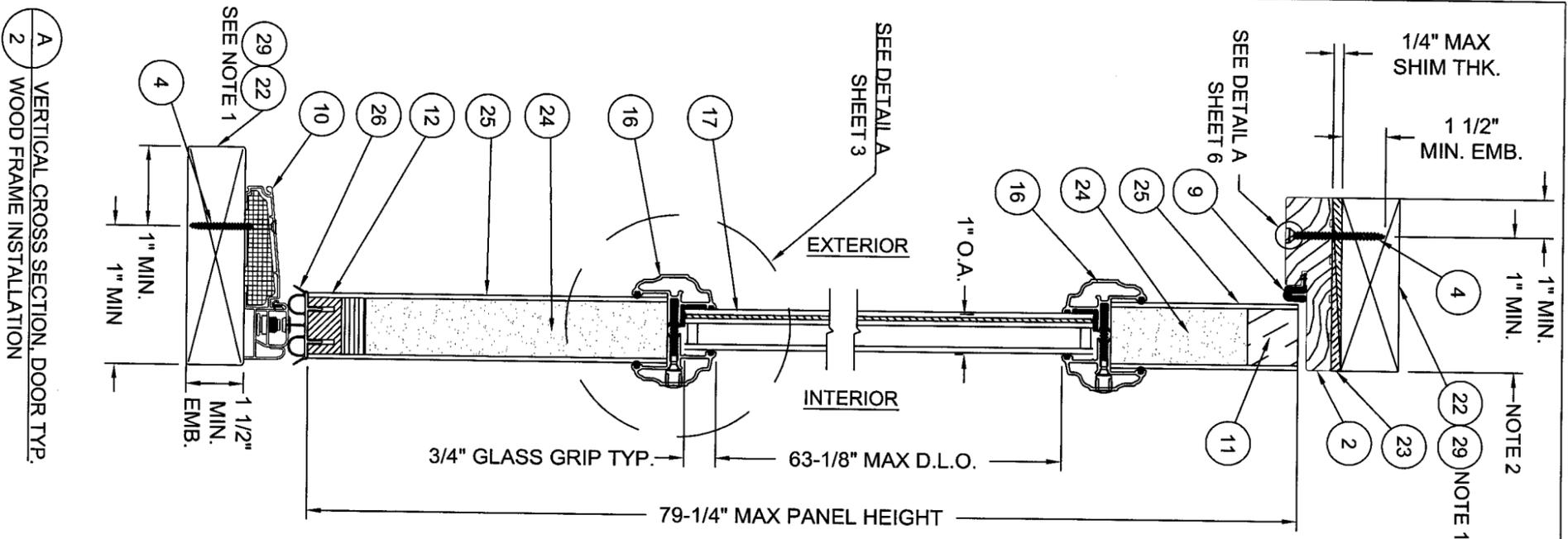
JELD-WEN, INC.  
 3737 LAKEPORT BLVD.  
 KLAMATH FALLS, OR, 97601  
 PH. 541-882-3451

PRODUCT:	FIBERLAST GLAZED IMPACT 3-0x6-8 INSWING/OUTSWING COMPOSITE DOOR
PART OR ASSEMBLY:	TYPICAL INSWING ELEVATIONS & GENERAL NOTES

NO.	DATE	REVISIONS	BY

DATE: 12/04/09  
 SCALE: 3/8" = 1'  
 DWG. BY: GL  
 CHK. BY: S. FREY  
 DRAWING NO.: JW122009  
 SHEET 1 OF 7

Kristina S. Daugherty  
 Texas P.E. No. 104390



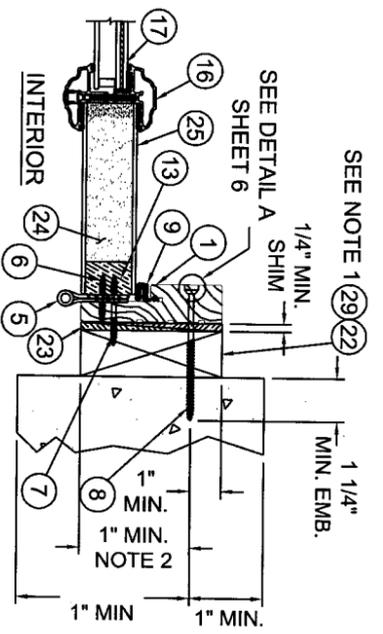
Item	DESCRIPTION	Material
1	HINGE JAMB (1 1/4"x4-5/8" FINGERJOINTED PINE)	PINE
2	HEAD JAMB (1 1/4"x4-5/8" FINGERJOINTED PINE)	PINE
3	LATCH JAMB (1-1/4"x4-5/8" FINGERJOINTED PINE)	PINE
4	#10 PHILLIPS FLATHEAD WOOD SCREW WITH 1 1/2" MIN. EMBEDMENT	STEEL
5	4" x 4" BUTT HINGE 12GA. (.089" MIN)	STEEL
6	#9 x 3/4" PHILLIPS FLATHEAD WOOD SCREW	STEEL
7	#10 x 1 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
8	3/16" ITW BUILDEX TAPCON WITH 1 1/4" MIN. EMBEDMENT	STEEL
9	COMPRESSION WEATHERSTRIP (QEBD-650)	FOAM
10	INSWING THRESHOLD ENDURA MODEL ZAILAALP45MFW 6063-T5	ALUMINUM
11	TOP RAIL FINGERJOINTED PINE W/ AURALAST	PINE
12	BOTTOM RAIL PVC CAPPED LAMINATED VENEER LUMBER	PVC - LVL
13	HINGE SIDE STILE FINGERJOINTED PINE W/ AURALAST	PINE
14	LATCH SIDE STILE FINGERJOINTED PINE W/ AURALAST	PINE
15	INTERNAL STILE FULL LENGTH LAMINATED VENEER LUMBER	LVL
16	ODL LITE - FRAME (ALUM 6063 T5)	ALUMINUM
17	1" ODL IMPACT GLAZING	GLASS
18	16 Ga. 7/16" CROWN x 2" LONG STAPLES	STEEL
19	KWIKSET LOCK SERIES 400	STEEL
20	KWIKSET DEADBOLT SERIES 660	STEEL
21	#8 x 2" PHILLIPS FLATHEAD WOOD SCREW	STEEL
22	2x WOOD BUCK GRADE 2 SOUTHERN YELLOW PINE	WOOD
23	NON-COMPRESSION SHIM	WOOD
24	INJECTED POLYURETHANE (1.75 TO 2.25lbs DENSITY) MFG BY JELD-WEN	FOAM
25	DOOR SKIN FIBERLAST MATERIAL, FIBERGLASS THICKNESS 0.120 NOMINAL	FIBERGLASS
26	INSWING VINYL DOOR BOTTOM SWEEP	VINYL
27	CORNER PADS 2" LOCATED AT THE BOTTOM OF EACH JAMB LEG SETTING ON TOP OF THE SILL, BEHIND THE WEATHERSTRIP	FOAM
28	OUTSWING THRESHOLD ENDURA MODEL FOB4566AMF 6063-T5	ALUMINUM
29	OPTIONAL 1x WOOD BUCK GRADE 2 SOUTHERN YELLOW PINE	WOOD

NOTE 1: 1X MAY BE UTILIZED AS AN OPTION AS LONG AS MINIMUM ANCHOR EMBEDMENT DEPTH, INTO MASONRY, CONCRETE, OR WOOD, IS MAINTAINED.

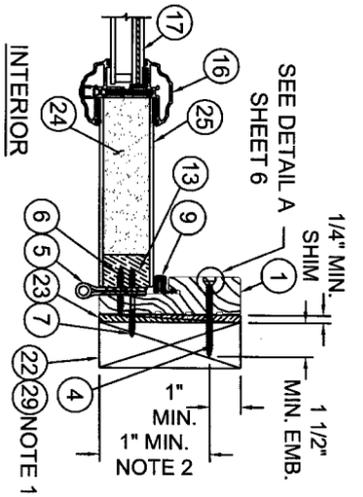
NOTE 2: OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB

KATHA S. DAUGHERTY  
 Texas P.E. No. 104390

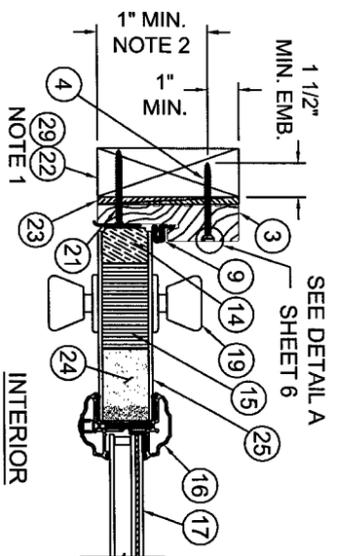
DATE: 12/04/09 SCALE: 3"=1' DWG. BY: GL CHK. BY: S. FREY DRAWING NO.: JW122009 SHEET 2 OF 7	PRODUCT: FIBERLAST GLAZED IMPACT 3-0x6-8 INSWING/OUTSWING COMPOSITE DOOR PART OR ASSEMBLY: INSWING VERTICAL CROSS SECTIONS & BILL OF MATERIALS	<b>JELD-WEN, INC.</b> 3737 LAKEPORT BLVD. KLAMATH FALLS, OR, 97601 PH. 541-882-3451						
REVISIONS <table border="1" style="width: 100%;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DATE	BY					
NO.	DATE	BY						



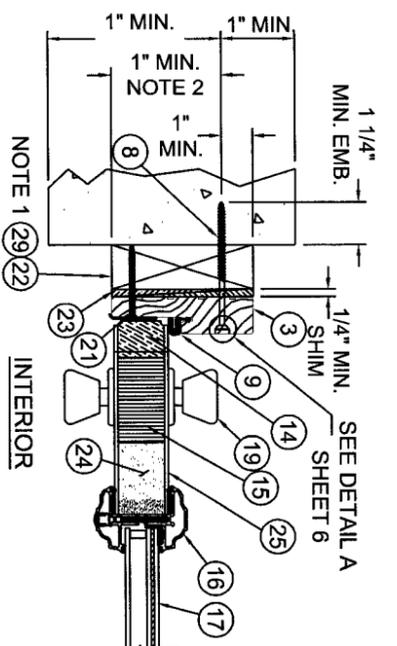
**A** HORIZONTAL CROSS SECTION  
 3 VIEW AT DOOR HINGE/SIDE JAMB  
 (MASONRY AND CONCRETE INSTALL)



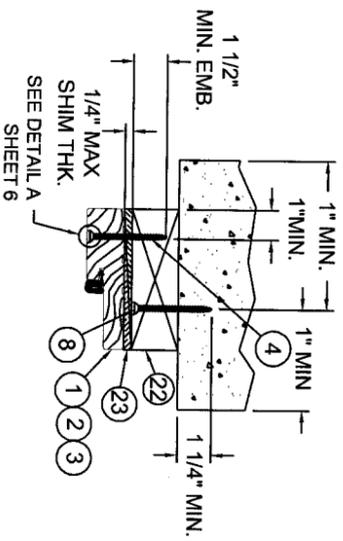
**B** HORIZONTAL CROSS SECTION  
 3 VIEW AT DOOR HINGE/SIDE JAMB  
 (WOOD INSTALL)



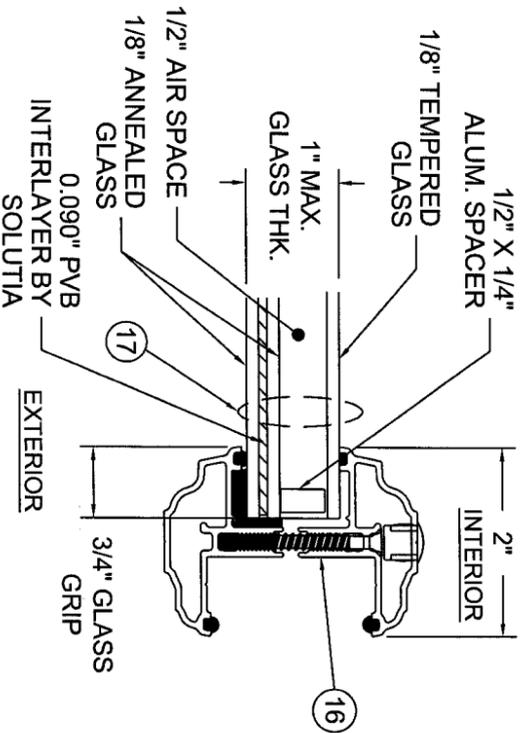
**C** HORIZONTAL CROSS SECTION  
 3 VIEW AT DOOR LATCH/SIDE JAMB  
 (WOOD INSTALL)



**D** HORIZONTAL CROSS SECTION  
 3 VIEW AT DOOR LATCH/SIDE JAMB  
 (MASONRY AND CONCRETE INSTALL)



OPTIONAL MASONRY AND CONCRETE INSTALLATION  
 FOR HEADERS AND JAMBS  
 SEE NOTE 2 & 3, THIS PAGE



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

- NOTES:
1. 1X MAY BE UTILIZED AS AN OPTION AS LONG AS MINIMUM ANCHOR EMBEDMENT DEPTH, INTO MASONRY, CONCRETE, OR WOOD, IS MAINTAINED.
  2. OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MIN. EDGE DISTANCE IS MAINTAINED.
  3. TAPCON SPACING BETWEEN ANCHORS SAME AS WOOD SCREW CONFIGURATION.

PRODUCT:  
 FIBERLAST GLAZED IMPACT  
 3-0x6-8  
 INSWING/OUTSWING COMPOSITE DOOR

PART OR ASSEMBLY:  
 INSWING HORIZONTAL  
 CROSS SECTIONS

JELD-WEN, INC.  
 3737 LAKEPORT BLVD.  
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 PH. 541-882-3451

NO.	DATE	REVISIONS	BY

DATE: 12/04/09

SCALE: 3" = 1'

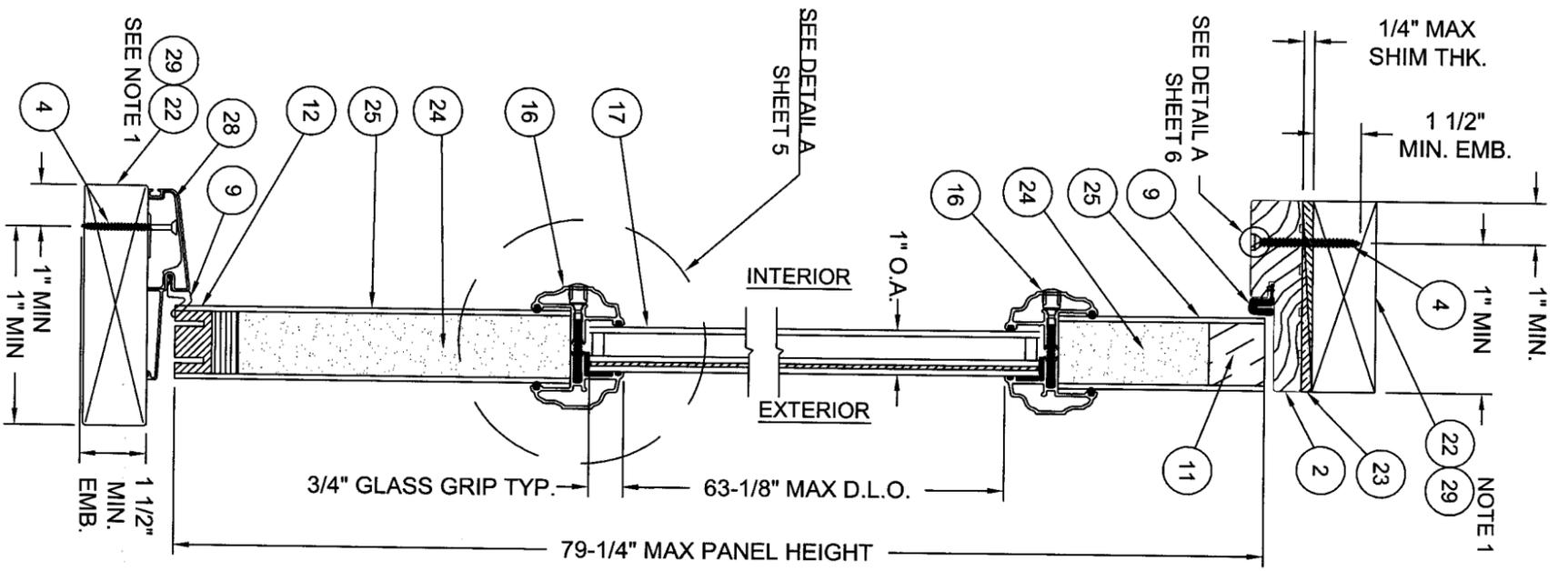
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CHK. BY: S. FREY

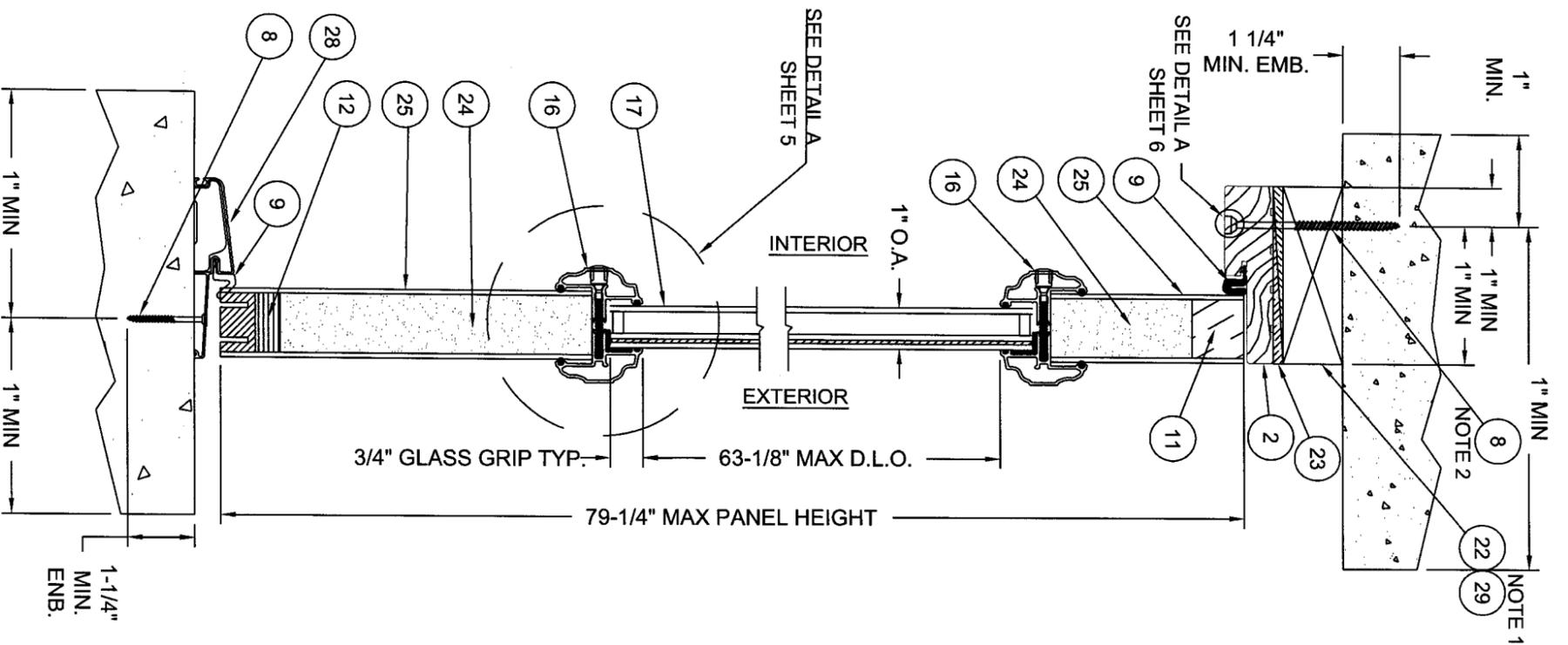
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SHEET 3 OF 7

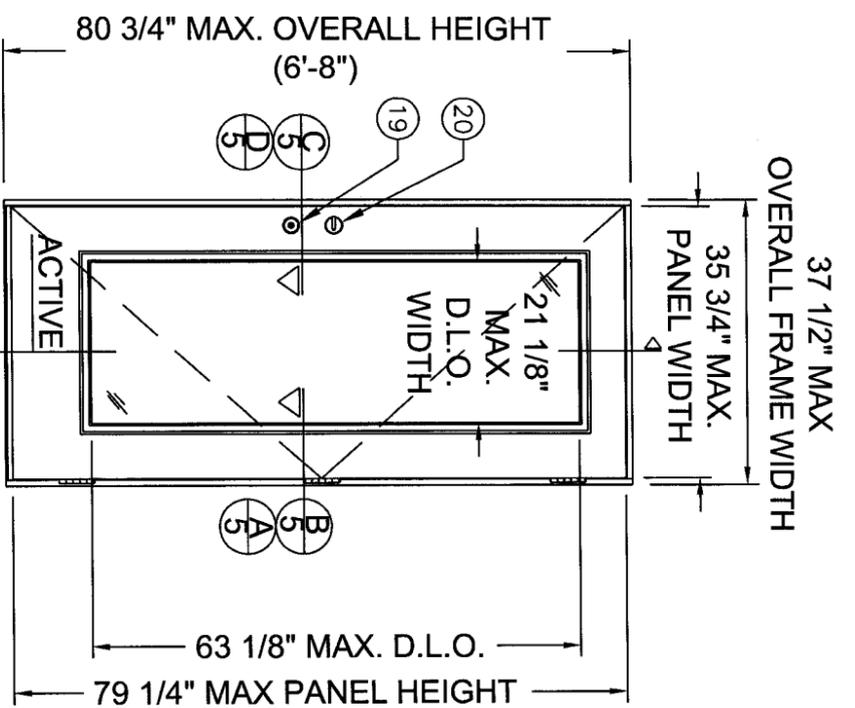
*[Handwritten Signature]*  
 1-5-10  
 Krelinger, S. Deugherty  
 Texas P.E. No. 104390



A VERTICAL CROSS SECTION, DOOR TYP. WOOD FRAME INSTALLATION



B VERTICAL CROSS SECTION, DOOR TYP. MASONRY AND CONCRETE INSTALLATION



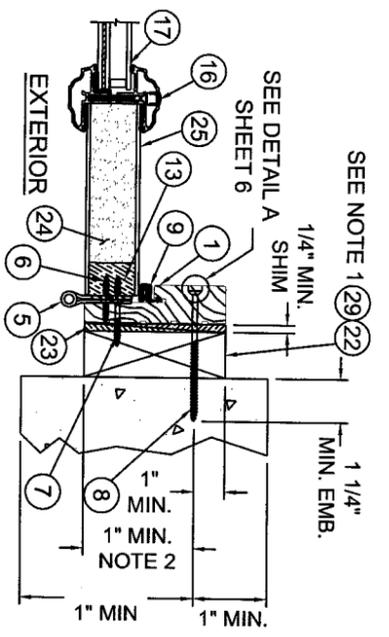
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 NOTE 2: OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB

SINGLE UNIT (X)  
 OUTSWING  
 (EXTERIOR VIEW)

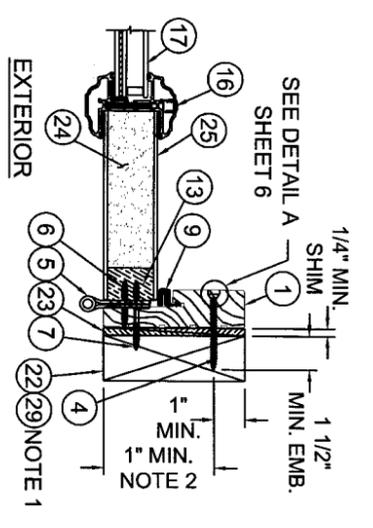
*[Handwritten Signature]*  
 Kristina S. Daugherty  
 Texas P.E. No. 104390

DATE: 12/04/09	SCALE: 3" = 1'	DWG. BY: GL	CHK. BY: S. FREY	DRAWING NO.: JW122009	SHEET 4 OF 7
PRODUCT: FIBERLAST GLAZED IMPACT 3-0x6-8 INSWING/OUTSWING COMPOSITE DOOR					
PART OR ASSEMBLY: OUTSWING ELEVATION & VERTICAL CROSS SECTION					
NO.	DATE	BY	REVISIONS		

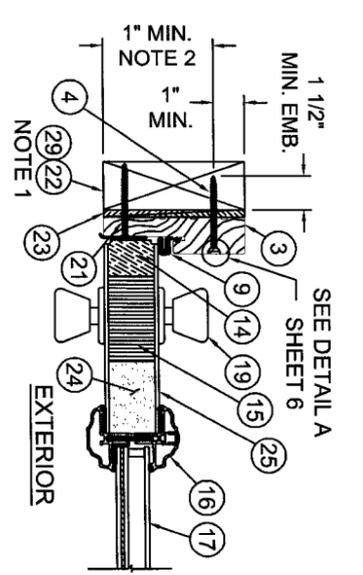
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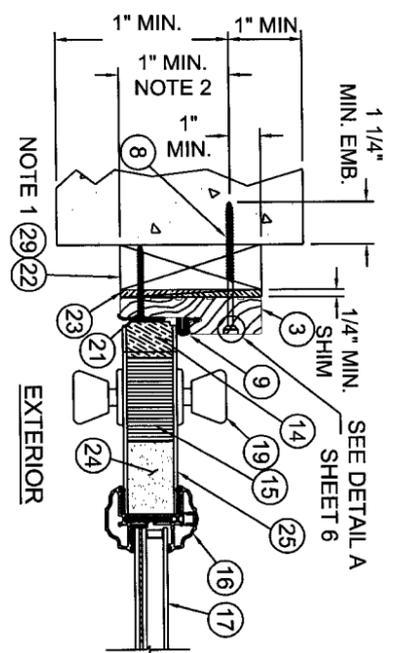
**A** HORIZONTAL CROSS SECTION  
**5** VIEW AT DOOR HINGE/SIDE JAMB  
 (MASONRY AND CONCRETE INSTALL)



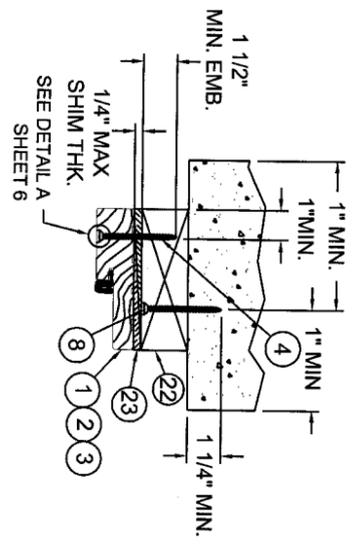
**B** HORIZONTAL CROSS SECTION  
**5** VIEW AT DOOR HINGE/SIDE JAMB  
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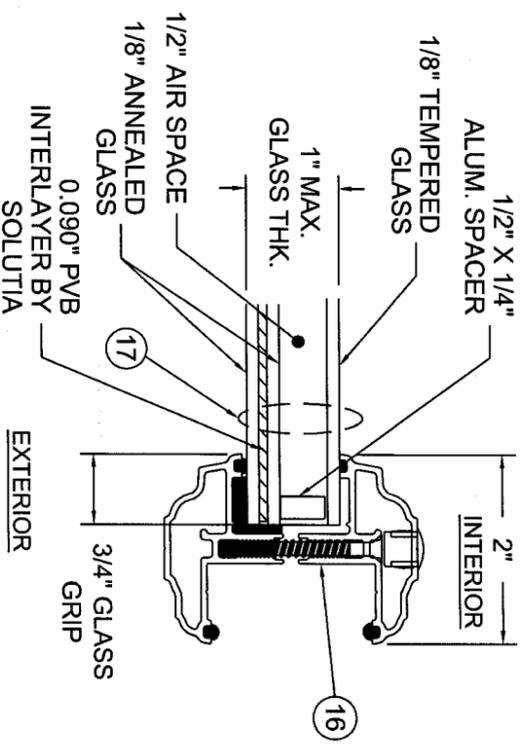
**C** HORIZONTAL CROSS SECTION  
**5** VIEW AT DOOR LATCH/SIDE JAMB  
 (WOOD INSTALL)



**D** HORIZONTAL CROSS SECTION  
**5** VIEW AT DOOR LATCH/SIDE JAMB  
 (MASONRY AND CONCRETE INSTALL)



OPTIONAL MASONRY AND CONCRETE INSTALLATION  
 FOR HEADERS AND JAMBS  
 SEE NOTE 2 & 3, THIS PAGE



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

- NOTES:
1. 1X MAY BE UTILIZED AS AN OPTION AS LONG AS MINIMUM ANCHOR EMBEDMENT DEPTH, INTO MASONRY, CONCRETE, OR WOOD, IS MAINTAINED.
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  3. TAPCON SPACING BETWEEN ANCHORS SAME AS WOOD SCREW CONFIGURATION.

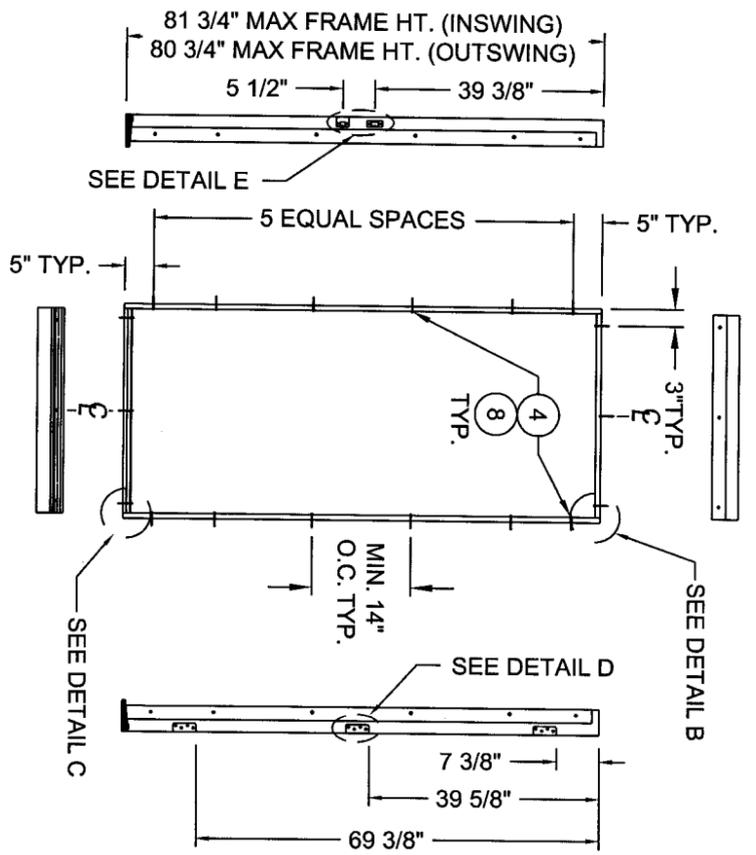
JELD-WEN, INC.  
 3737 LAKEPORT BLVD.  
 KLAMATH FALLS, OR, 97601  
 PH. 541-882-3451

PRODUCT:	FIBERLAST GLAZED IMPACT 3-0x6-8 INSWING/OUTSWING COMPOSITE DOOR
PART OR ASSEMBLY:	OUTSWING HORIZONTAL CROSS SECTIONS

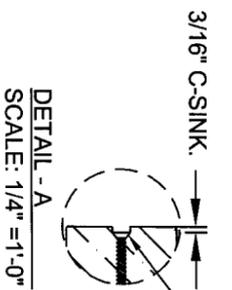
NO.	DATE	REVISIONS	BY

DATE:	12/04/09
SCALE:	3" = 1'
DWG. BY:	GL
CHK. BY:	S. FREY
DRAWING NO.:	JW122009
SHEET	5 OF 7

Kristina S. Daugherty  
 Texas P.E. No. 104390

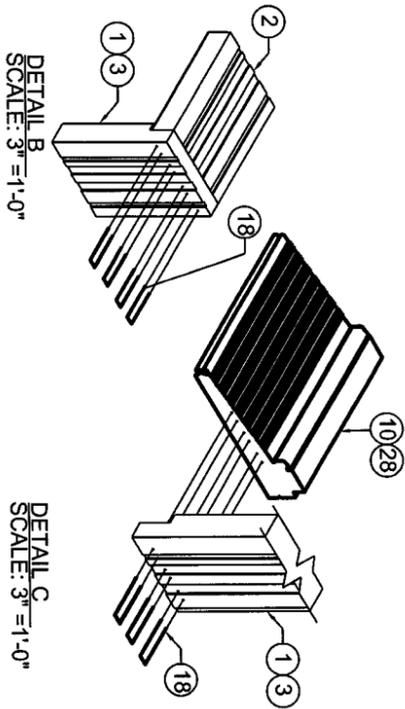


ANCHORING LOCATIONS  
SINGLE INSWING/OUTSWING UNIT (X)  
SCALE: 3/8" = 1'-0"



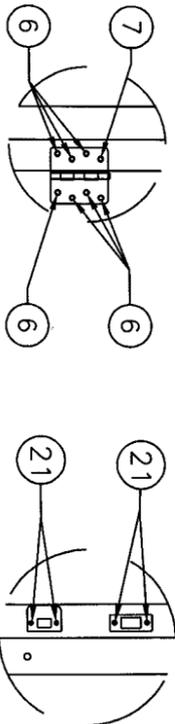
DETAIL - A  
SCALE: 1/4" = 1'-0"

- NOTE
- 1 - USE #10 WOOD INSTALLATION SCREW W/ 1.50" 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.
  - 4 - SCREW AND TAPCON ANCHORS CAN BE EMBEDDED IN EITHER THE 1 1/4" OR 3/4" THICK PORTION OF THE JAMB AS LONG AS THE SUBSTRATE EMBEDMENT IS MAINTAINED.



DETAIL B  
SCALE: 3/8" = 1'-0"

DETAIL C  
SCALE: 3/8" = 1'-0"



DETAIL D  
HINGE DETAIL  
SCALE: 3/8" = 1'-0"

DETAIL E  
LATCH & DEADBOLT STRIKE  
PLATES  
SCALE: 3/8" = 1'-0"

- NOTES:
1. ANCHOR SPACING FOR BOTH INSWING & OUTSWING.

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FIBERLAST GLAZED IMPACT  
3-0x6-8  
INSWING/OUTSWING COMPOSITE DOOR

PART OR ASSEMBLY:  
ANCHORING LOCATIONS  
& DETAILS

NO.	DATE	REVISIONS	BY

DATE: 12/04/09

SCALE: AS NOTED

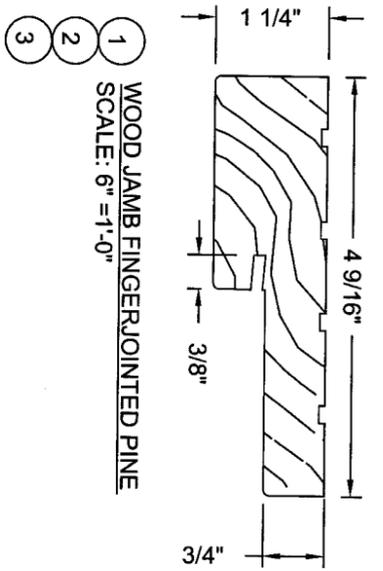
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CHK. BY: S.FREY

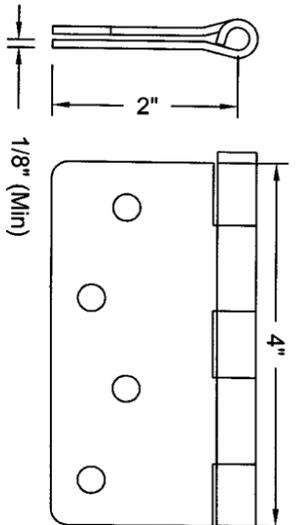
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SHEET 6 OF 7

*[Signature]*  
Kristina S. Daugherty  
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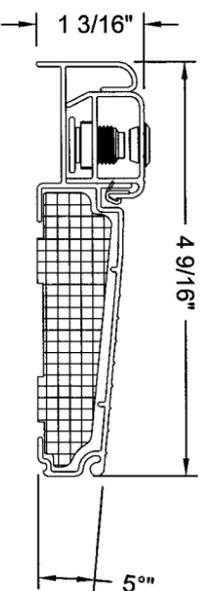
1 WOOD JAMB FINGERJOINTED PINE  
SCALE: 6" = 1'-0"



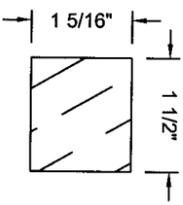
5 BUTT HINGE 4x4x12 GA. STEEL  
SCALE: 6" = 1'-0"



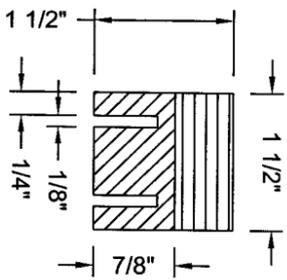
9 COMPRESSION WEATHERSTRIP  
LOXSEAL 9650 FOAM  
SCALE: 6" = 1'-0"



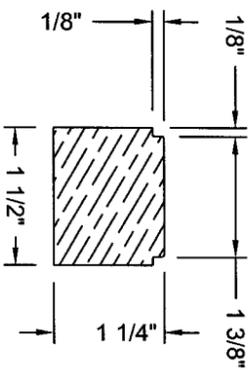
10 ENDURA INSWING THRESHOLD  
6063 T5 AL AND COMPOSITE  
SCALE: 6" = 1'-0"



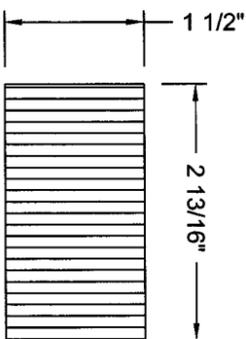
11 TOP RAIL  
FINGERJOINTED PINE  
SCALE: 6" = 1'-0"



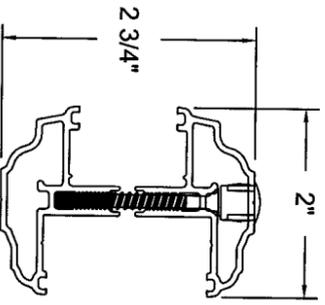
12 BOTTOM RAIL  
PVC CAPPED LVL  
SCALE: 6" = 1'-0"



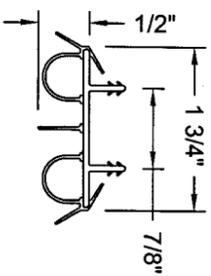
13 LATCH STILE  
14 HINGE STILE  
FINGERJOINTED PINE  
SCALE: 6" = 1'-0"



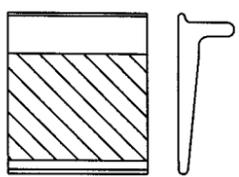
15 INNER STILE  
LAMINATED VENEER LUMBER (LVL)  
SCALE: 6" = 1'-0"



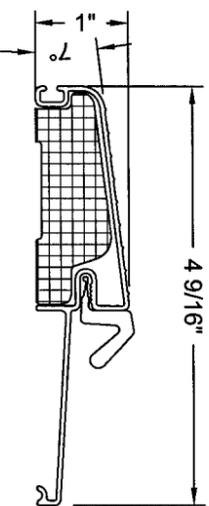
16 ODL LITE FRAME  
6063 T5 ALUMINUM  
SCALE: 6" = 1'-0"



26 DOOR BOTTOM SWEEP  
VINYL  
SCALE: 6" = 1'-0"



27 CORNER PADS  
PLASTIC  
SCALE: 6" = 1'-0"



28 ENDURA OUTSWING THRESHOLD  
6063 T5 AL AND COMPOSITE  
SCALE: 6" = 1'-0"

JELD-WEN, INC.  
3737 LAKEPORT BLVD.  
KLAMATH FALLS, OR, 97601  
PH. 541-882-3451

PRODUCT:  
FIBERLAST GLAZED IMPACT  
3-0x6-8  
INSWING/OUTSWING COMPOSITE DOOR  
PART OR ASSEMBLY:  
UNIT COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 12/04/09

SCALE: AS NOTED

DWG. BY: GL

CHK. BY: S. FREY

DRAWING NO.: JW122009

SHEET 7 OF 7

*[Signature]*  
Kristina S. Daugherty  
Texas P.E. No. 104390