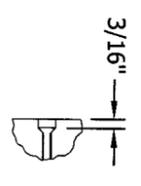


**JELD-WEN**  
**JELD-WEN DOOR SYSTEM**  
**DESIGN/SMOOTH PRO-PLUS OPAQUE**  
**8'-9" X 6'-8" OUTSWING/INSWING**  
**GENERAL NOTES**

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2006 EDITIONS OF THE INTERNATIONAL BUILDING CODE (I.B.C.) AND INTERNATIONAL RESIDENTIAL CODE (I.R.C.) WITH THE 2006 TEXAS REVISIONS, EFFECTIVE JANUARY 1, 2008 BASED ON THE SIGNED AND SEALED DATE. PRODUCT HAS BEEN TESTED TO ASTM E330-02, E331-00, E283-04, & AAMA 1304-2. PRODUCT ALSO PASSES WINDZONE (WD) 4 IMPACT RATING FOR SINGLE AND DOUBLE DOOR WITH AND WITHOUT SIDELITES.
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. DESIGN PRESSURE RATING SEE TABLE 1, SHEET 1.
5. TEXAS APPROVED IMPACT RESISTANCE SHUTTERS ARE REQUIRED WHERE RELEVANT.
6. SCALE BASED ON 11X17 SHEET SIZE.
7. ALL 1X & 2X TO BE 0.55 SPECIFIC GRAVITY OR GREATER.
8. WHERE WATER INFILTRATION IS REQUIRED, 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.
9. ALL FASTENERS IN WOOD SHALL BE COUNTER SUNK 3/16" DEEP.



FACE SHEETS: THE FACE SHEETS ARE MADE OF A FIBERGLASS MATERIAL MOLDED TO THE DESIRED DESIGN, AT .065" +/- .015 THICK WITH A DENSITY OF 85 PCF.

CORE DESIGN: THE CORE CONSISTS OF 2 POUND (+/- .25) DENSITY 245FA POLYURETHANE FOAM.

DOOR FRAME CONSTRUCTION: THE HINGE AND LATCH STILES ARE MADE OF PVC CAPPED LAMINATED VENEER LUMBER (LVL). THE STILES ARE MITERED TO ACCEPT THE TOP RAIL, WHICH IS ALSO PVC CAPPED LVL. THE BOTTOM RAIL IS ALSO MADE OF LVL AND CAPPED WITH PVC. TWO STAPLES ARE USED AT EACH CORNER TO HOLD THE FRAME TOGETHER PRIOR TO GLUING THE SKINS ON. A 1.625" X 2.688" LOCKBLOCK IS SECURED TO THE LATCH STILE WITH 2 STAPLES, EVENLY SPACED ALONG ITS LENGTH.

PANEL CONSTRUCTION: THE FIBERGLASS SKINS ARE GLUED TO THE FRAME AND THE CAVITY IS THEN INJECTED WITH THE POLYURETHANE CORE MATERIAL.

SIDELITE CONSTRUCTION: EACH SIDELITE IS CONSTRUCTED THE SAME AS A DOOR PANEL, INCLUDING CORE DESIGN, BUT EXCLUDING THE WOOD LOCK BLOCK. INSULATED GLAZING CONSISTS OF TWO 0.125" GLASS PANE SEPARATED BY A 0.75" AIR SPACE.

DOOR SYSTEM CONSTRUCTION: THE FRAME JAMBS AND HEAD ARE CONSTRUCTED OF WOOD. 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. THE VERTICAL MULL POST IS FASTENED THROUGH THE HEAD AND SILL WITH DOW 1199 SILICONE. A PLASTIC RETAINING PLUG IS INSTALLED TO RECEIVE THE ASTRAGAL BOLT. ON OUTSWING PRODUCTS, A 5/8" HOLE IS DRILLED IN THE CENTER OF THE SILL THRESHOLD AND FILLED WITH DOW 1199 SILICONE. A PLASTIC RETAINING METAL STRIKE PLATE IS FASTENED USING TWO #8 X 3" SCREWS TO RECEIVE THE BOTTOM ASTRAGAL BOLT. AT THE HEAD ON BOTH INSWING AND OUTSWING PRODUCTS, A 3/8" HOLE IS DRILLED AT THE CENTER OF THE FRAME HEAD AND A METAL STRIKE PLATE IS FASTENED USING TWO #8 X 3" SCREWS TO RECEIVE THE TOP ASTRAGAL BOLT. EACH FIXED PANEL IS SECURED INTO THE FRAME USING THREE #8 X 2-1/2" PHILLIPS HEAD WOOD SCREWS FASTENED THROUGH THE JAMBS/MULLS AND INTO EACH SIDE OF THE PANEL. ALL MULLION JOINERY AND THE FIXED PANELS / FRAME JOINERY ARE SEALED AT THE EXTERIOR USING DOW 1199 SILICONE.

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.

SHEET INDEX	
SHEET #	DESCRIPTION
1	GENERAL NOTES
2	OUTSWING DOOR ELEVATIONS
3	OUTSWING HORIZONTAL CROSS SECTIONS
4	PARTS LIST & OUTSWING VERTICAL CROSS SECTIONS
5	INSWING DOOR ELEVATIONS
6	INSWING HORIZONTAL CROSS SECTIONS
7	INSWING VERTICAL CROSS SECTIONS & COMPONENT DRAWINGS
8	ALTERNATE ANCHORING METHODS
9	INSWING & OUTSWING ANCHORING DETAILS
10	INSWING & OUTSWING ANCHORING DETAILS
11	INSWING & OUTSWING FRAME CORNER CONSTRUCTIONS
12	HINGE ROUTE, ASTRAGAL, & LATCH STRIKE PLATE LOCATIONS

DESIGN PRESSURE RATING			
DESIGN PRESSURE RATINGS:			
INSWING	POSITIVE	+ 70	+ 55
	NEGATIVE	- 70	- 55
OUTSWING	POSITIVE	+ 70	+ 55
	NEGATIVE	- 70	- 55

TABLE 1

**JELD-WEN, inc.**  
 Research and Development  
 3737 Lakeport Blvd.  
 Klamath Falls, Oregon 97601  
 Ph. (541) 882-3451  
 Fax (541) 850-2609

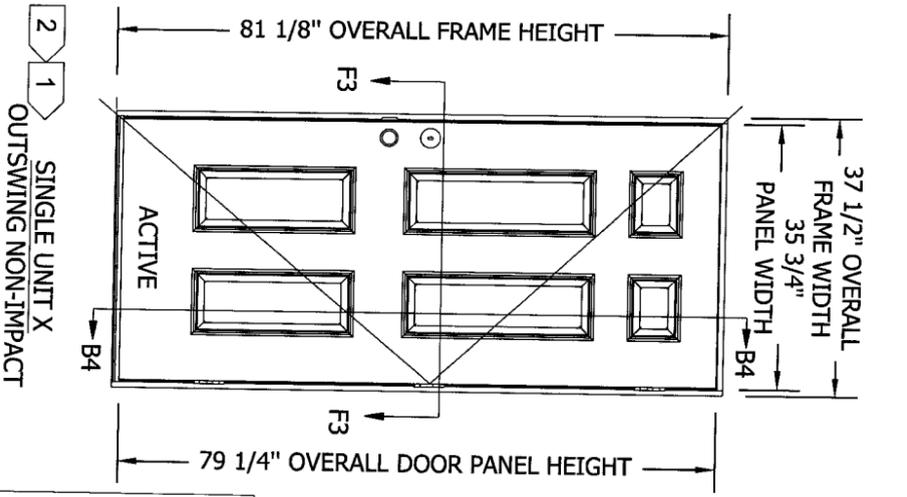
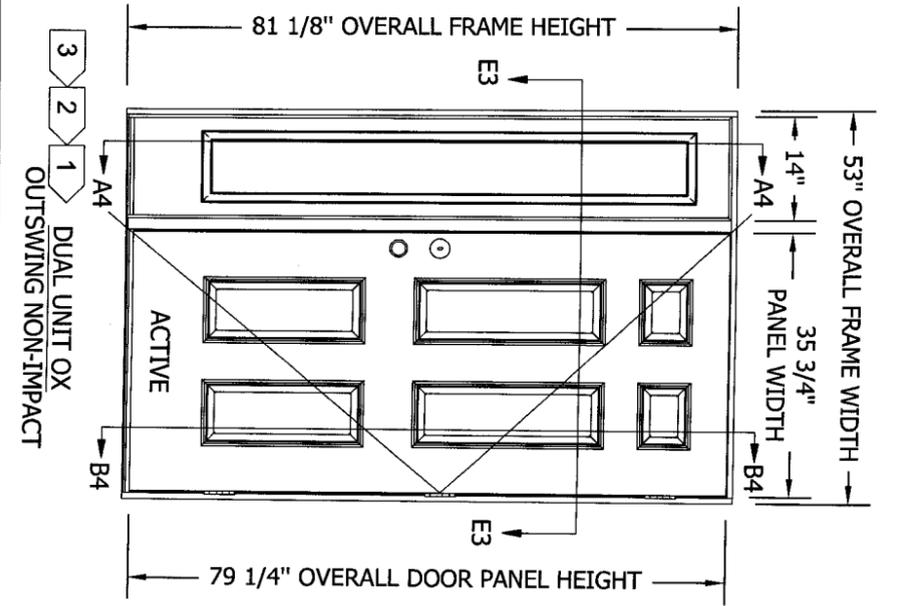
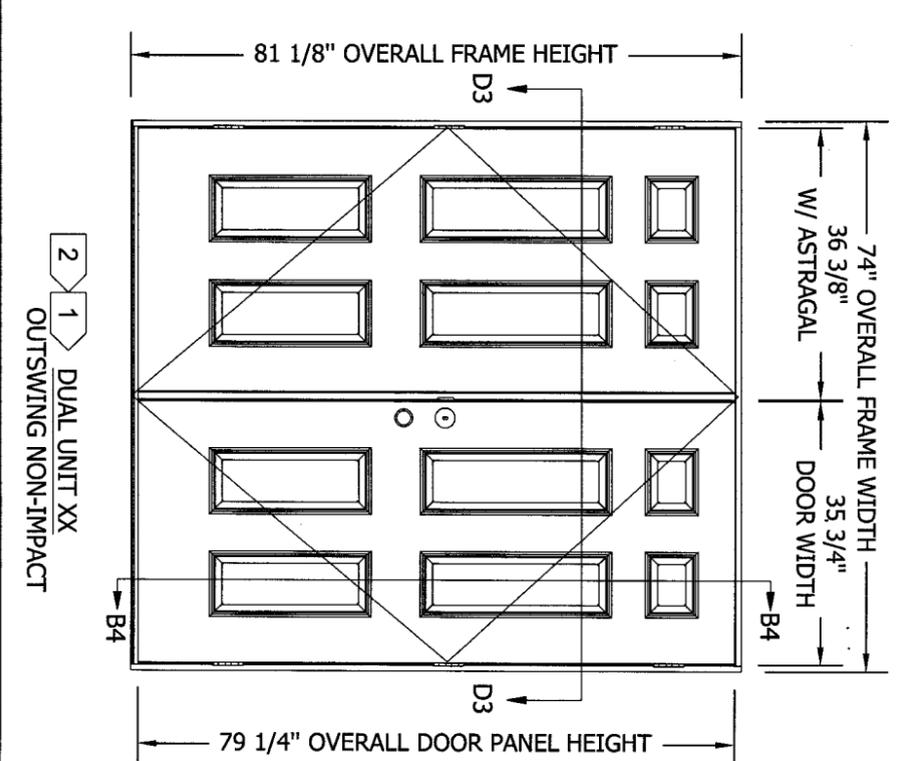
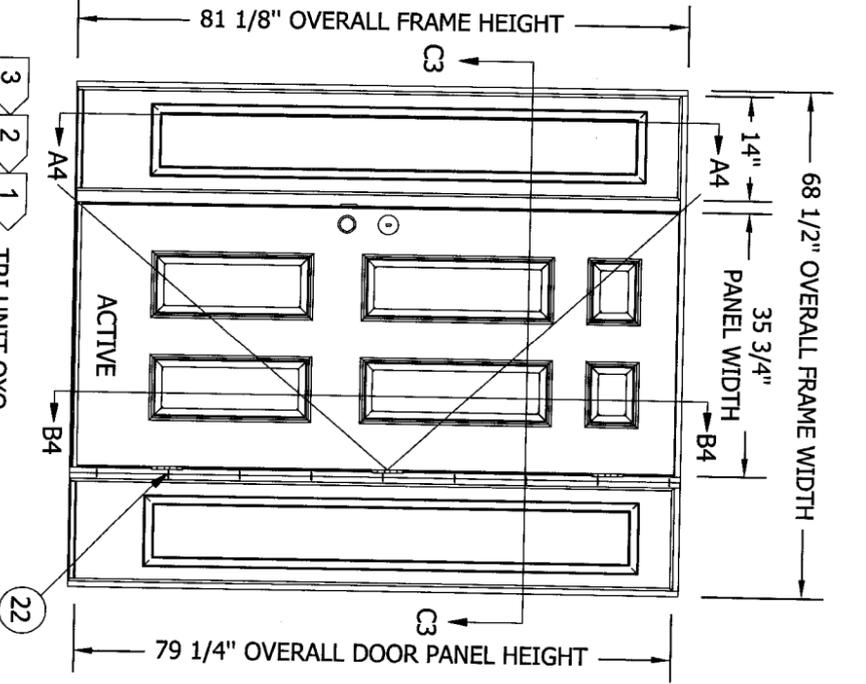
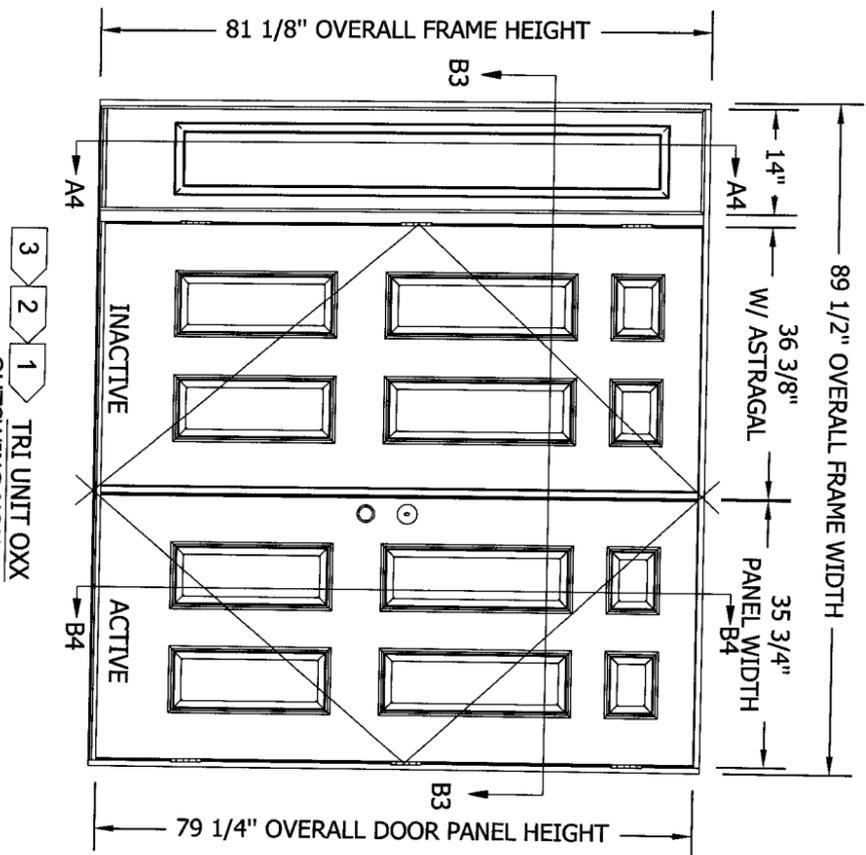
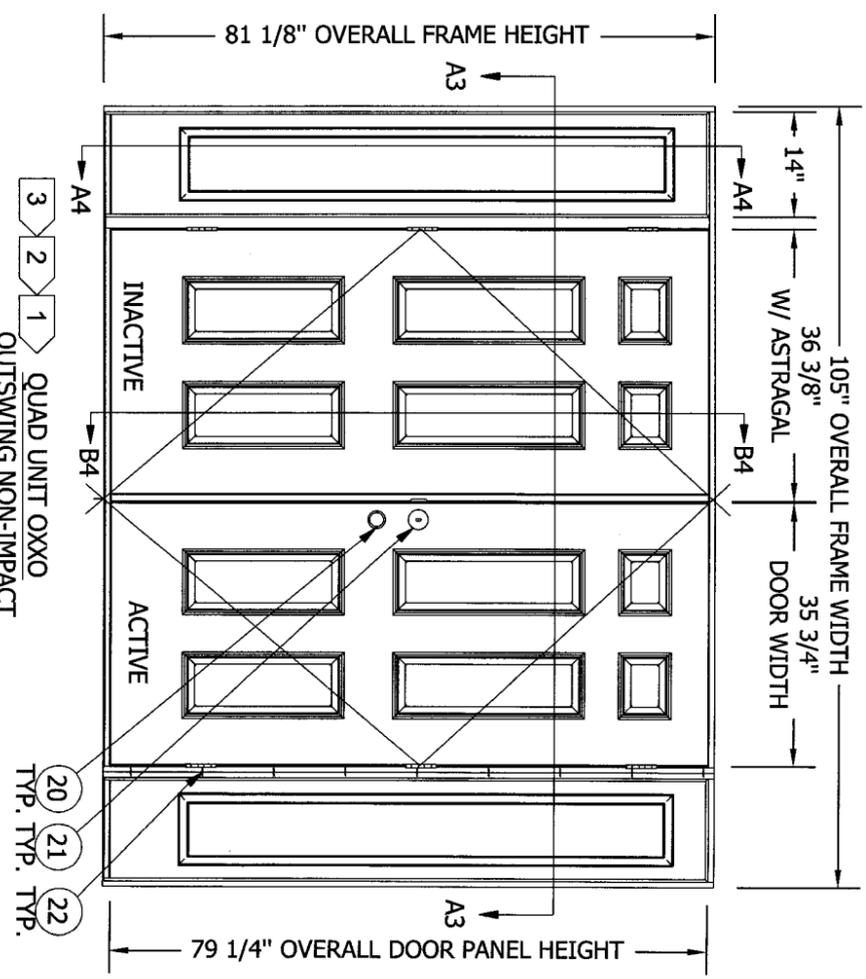
PRODUCT: DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
 8-9 X 6-8  
 PART OR ASSEMBLY:  
 GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 12/14/2009  
 SCALE: NO SCALE  
 DWG. BY: GLUBBECKE  
 CHK. BY: S. FREY  
 DRAWING NO.: JW142009  
 SHEET 1 OF 12

*[Handwritten Signature]*  
 Kristina S. Daugherty  
 Certiworks LLC  
 Texas P.E. No. 404390  
 127 W. Fairbanks Ave. Ste. 438  
 Winter Park, FL 32789

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



- NOTES:**
- 1 ALL OUTSWING VIEWS ARE FROM EXTERIOR.
  - 2 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
  - 3 MULL POST & DOUBLE BACK JAMBS ARE INTERCHANGEABLE.

*Kristina S. Daignault*  
 Kristina S. Daignault  
 CertWorks LLC  
 Texas 75, No. 104390  
 127 W. Fairbanks Ave. Ste. 438  
 Winter Park, FL 32789

NO.	DATE	REVISIONS	BY

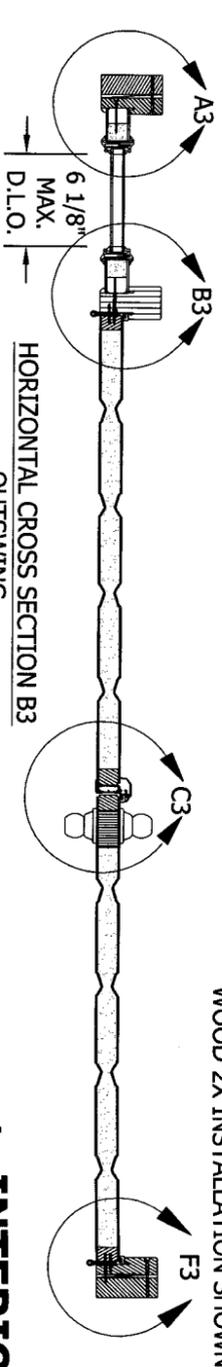
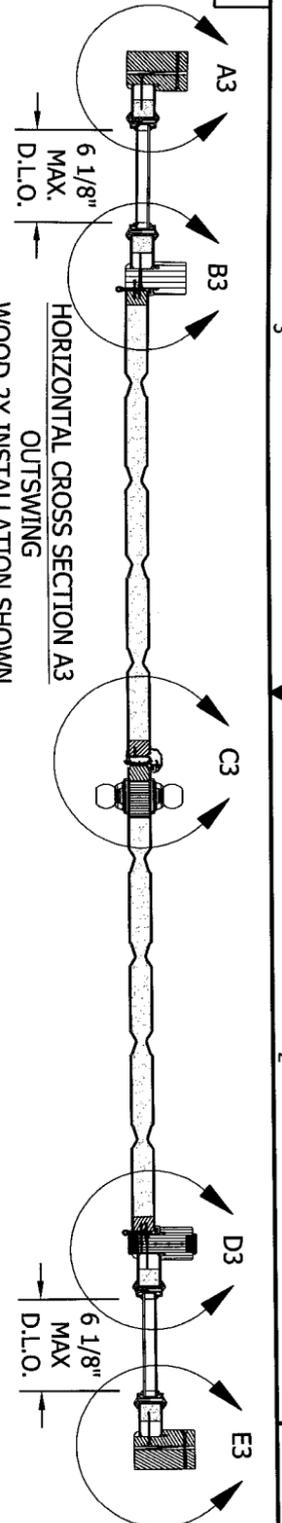
PRODUCT:  
**DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR**  
 8-9 X 6-8

PART OR ASSEMBLY:  
**OUTSWING DOOR ELEVATIONS**

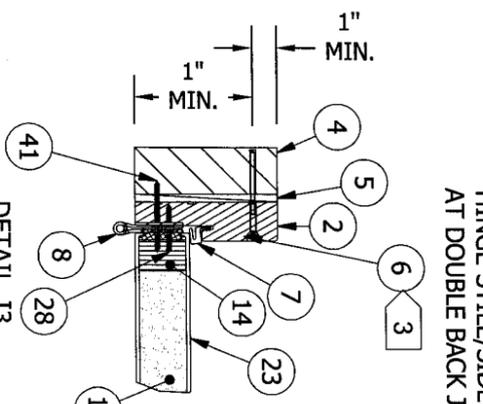
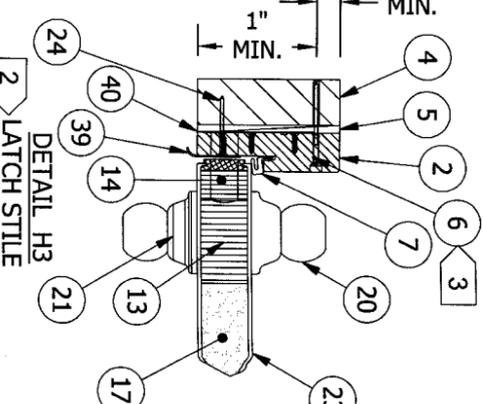
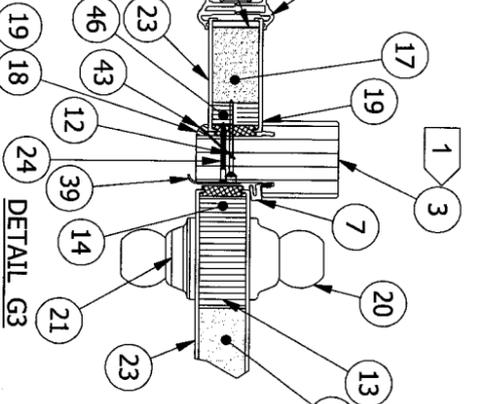
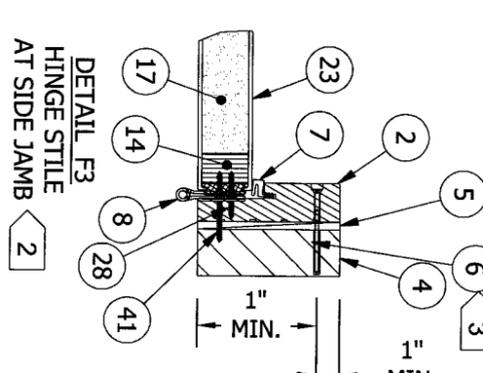
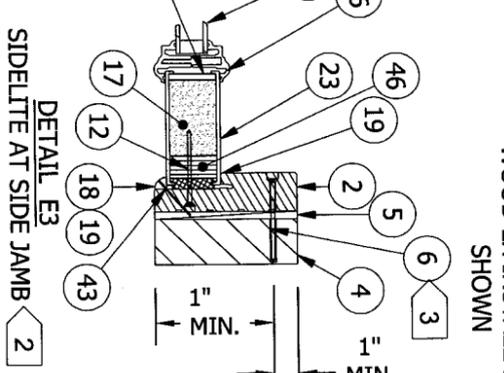
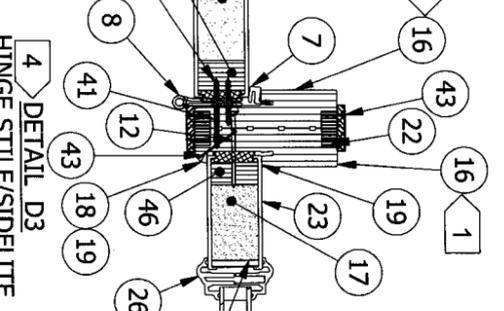
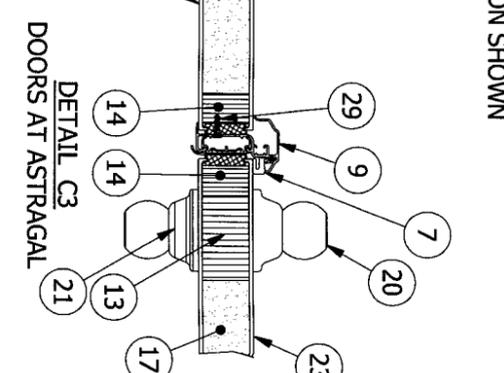
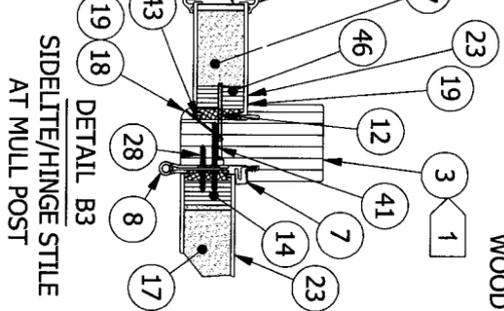
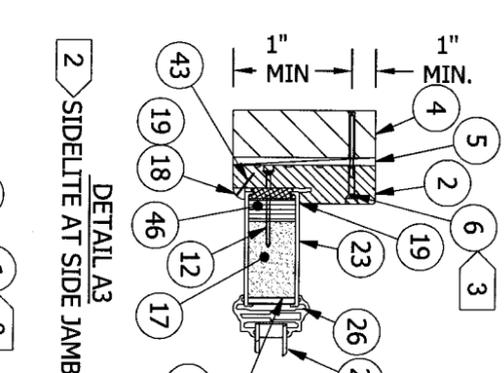
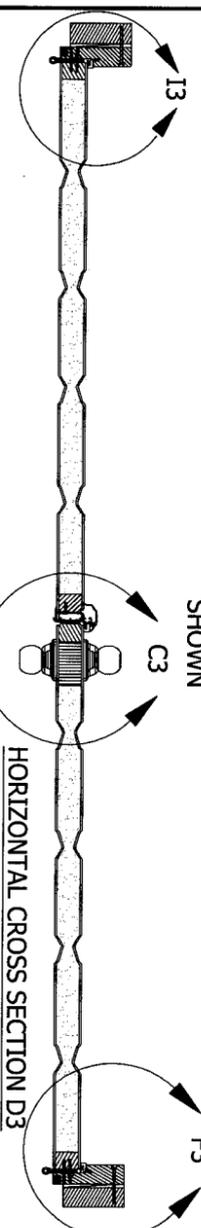
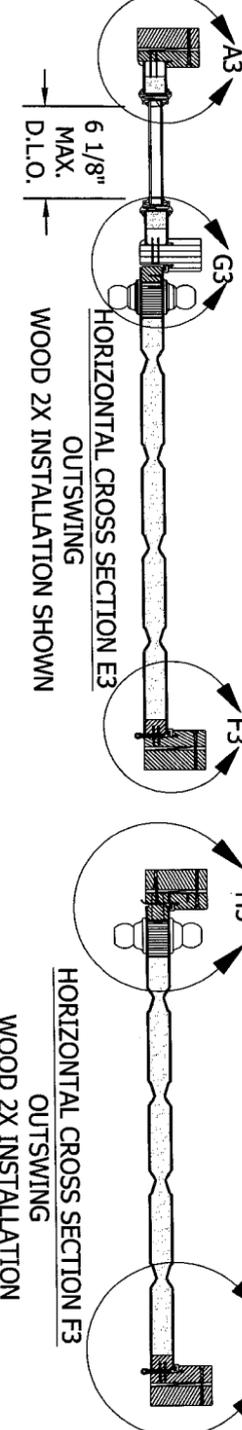
**JELD-WEN, inc.**  
 Research and Development  
 3737 Lakeport Blvd.  
 Klamath Falls, Oregon 97601  
 Ph. (541) 882-3451  
 Fax (541) 850-2609

DATE: 12/14/2009  
 SCALE: NO SCALE  
 DWG. BY: G. LUBBECKE  
 CHK. BY: S. FREY  
 DRAWING NO.: JW142009  
 SHEET 2 OF 12

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



**INTERIOR**



- NOTES:**
- MULL POST & DOUBLE BACK JAMBS ARE INTERCHANGEABLE.
  - SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
  - MIN FASTENER EMBEDMENT INTO WOOD IS 1-1/2".
  - CORRUGATED NAILS (ITEM #22) ON BOTH EXT. & INT. OF MULL.

DATE: 12/14/2009  
 SCALE: NO SCALE  
 DWG. BY: G. LUBBECKE  
 CHK. BY: S. FREY  
 DRAWING NO.: JW142009  
 SHEET 3 OF 12

PRODUCT: DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
 8-9 X 6-8  
 PART OR ASSEMBLY: OUTSWING HORIZONTAL CROSS SECTIONS

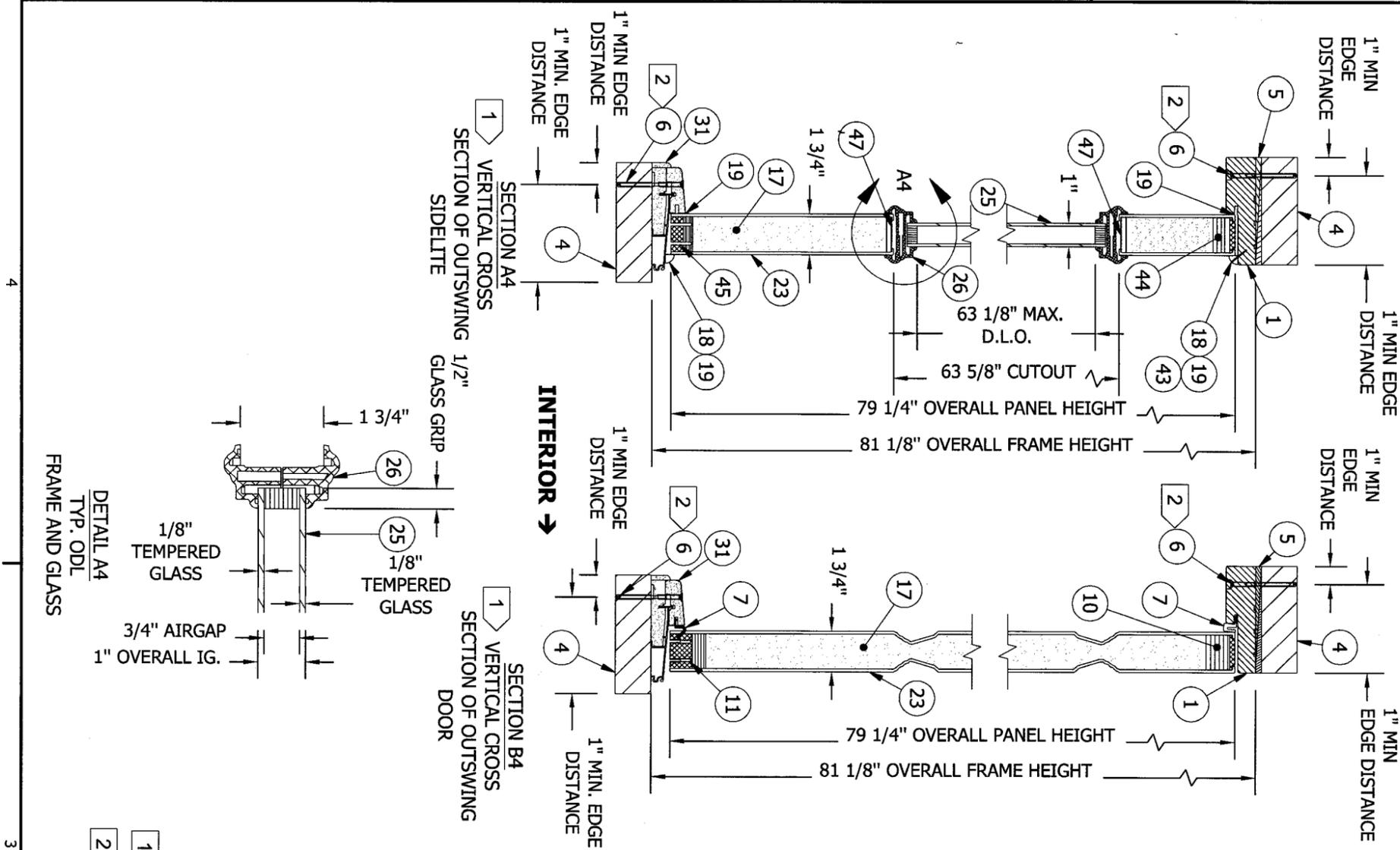
**JELD-WEN, inc.**  
 Research and Development  
 3737 Lakeport Blvd.  
 Klamath Falls, Oregon 97601  
 Ph. (541) 882-3451  
 Fax (541) 850-2609

PARTS LIST FOR INSWING & OUTSWING DOOR SYSTEMS

ITEM	DESCRIPTION	MATERIAL
1	HEAD JAMB (1 1/4" X 4 5/8" FINGERJOINTED PINE)	WOOD
2	SIDE JAMB (1 1/4" X 4 5/8" FINGERJOINTED PINE)	WOOD
3	MULL POST (2 1/2" X 4-9/16" LAMINATED VENEER LUMBER)	LVL
4	2X WOOD BUCK (GRADE 2 SOUTHERN YELLOW PINE)	WOOD
5	NON-COMPRESSION SHIM - 1/4" MAX	WOOD
6	#10 PHILLIPS HEAD WOOD SCREW WITH MIN 1-1/2" EMBEDMENT	STEEL
7	COMPRESSION WEATHERSTRIP (SCHLEGEL QEBD-650)	VINYL
8	4 X 4 BUTT HINGE 12 GA (.098)	STEEL
9	ENDURA ULTIMATE HURRICANE ASTRAGAL	6063-T6 ALUMINUM
10	TOP RAIL (1-5/8" X 1-1/16" LVL CAPPED W/ 1-5/8" X 1/4" PVC)	WOOD/PVC
11	BOTTOM RAIL (1-5/8" X 5/8" LVL CAPPED WITH 1-5/8" X 1" PVC)	WOOD/PVC
12	#8 X 2-1/2" PHILLIPS HEAD WOOD SCREW	STEEL
13	LOCK BLOCK (1.625" X 2.688" X 11.875")	WOOD
14	LATCH/HINGE STILE (1-5/8" X 1-1/16" LVL CAPPED WITH 1-5/8" X 3/8" PVC)	WOOD/PVC
15	CROWN STAPLE, 7/16" X 2" X 16GA.	STEEL
16	DOUBLE BACK JAMB, LAMINATED VENEER LUMBER (LVL)	LAMINATED VENEER LUMBER(LVL)
17	POLYURETHANE FOAM (2.0 pcf)	FOAM
18	QUARTER ROUND SCOTIA	WOOD
19	SILICONE 1199 DOW	SILICONE
20	KWIKSET LOCK, SERIES 400	STEEL
21	KWIKSET DEADBOLT, SERIES 660	STEEL
22	CORRUGATED NAILS, 1/2" X 1-1/16"	STEEL
23	FIBERGLASS DOOR SKIN, .065" THICK	FIBERGLASS
24	#8 X 2 PHILLIPS HEAD WOOD SCREW	STEEL
25	1" INSULATED TEMPERED GLASS	GLASS
26	ODL LIP LITE FRAME	PLASTIC
27	3/16" TAPCON SCREW WITH MIN 1-1/4" EMBEDMENT	STEEL
28	#9 X 3/4" PHILLIPS HEAD WOOD SCREW	STEEL
29	#8 X 1" FLAT HEAD WOOD SCREW	STEEL
30	DOOR SWEEP	VINYL
31	AFCO MODEL 12/5 J-2297 WGC OUTSWING SILL	ALUMINUM/COMPOSITE PLASTIC
32	ENDURA MODEL ZAIL56MWF120DSNC INSWING SILL	ALUMINUM/COMPOSITE PLASTIC
33	SIDELITE/FIXED PANEL SEAT Z60 SERIES (ENDURA)	EXTRUDED VINYL
34	1X WOOD BUCK (GRADE 2 SOUTHERN YELLOW PINE)	WOOD
35	TOP/BOTTOM ASTRAGAL STRIKE PLATE (EXCEPT INSWING BOTTOM)	STEEL
36	#8 X 3/4 PHILLIPS HEAD WOOD SCREW	STEEL
37	BOTTOM ASTRAGAL INSERT PLUG (INSWING ONLY)	PLASTIC
38	DEADBOLT STRIKE PLATE	STEEL
39	LATCH STRIKE PLATE	STEEL
40	DEAD BOLT BACK UP PLATE (SINGLE DOOR SYSTEMS ONLY)	STEEL
41	#10 X 1-1/2" PHILLIPS HEAD WOOD SCREW	STEEL
42	#8 X 3" PHILLIPS HEAD WOOD SCREW	STEEL
43	1 1/4" BRAD 18GA.	STEEL
44	SIDELITE TOP RAIL (1-5/8" X 1/2" LVL CAPPED W/ 1-5/8" X 1/4" PVC)	WOOD/PVC
45	SIDELITE BOTTOM RAIL (1-5/8" 1/2" LVL CAPPED WITH 1-5/8" X 1/2" PVC)	WOOD/PVC
46	SIDELITE LATCH/HINGE STILE (1-5/8" X 3/4" LVL CAPPED WITH 1-5/8" X 1/4" PVC)	WOOD/PVC
47	CORRUGATED COMPOSITE INSERT	COMPOSITE

NOTES:

- 1 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
- 2 MIN. FASTENER EMBEDMENT INTO WOOD IS 1-1/2".



**JELD-WEN, inc.**  
 Research and Development  
 3737 Lakeport Blvd.  
 Klamath Falls, Oregon 97601  
 Ph. (541) 882-3451  
 Fax (541) 850-2609

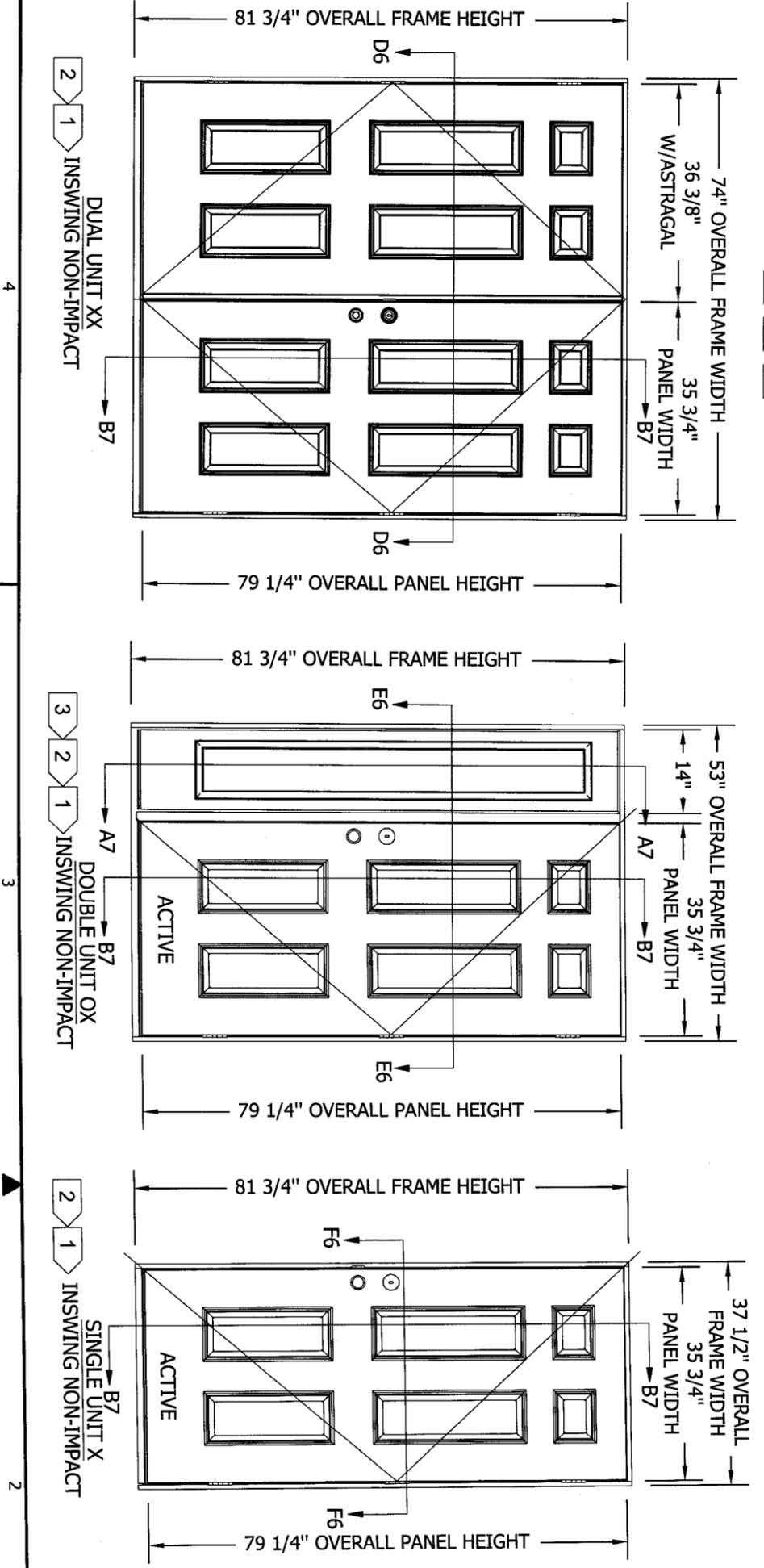
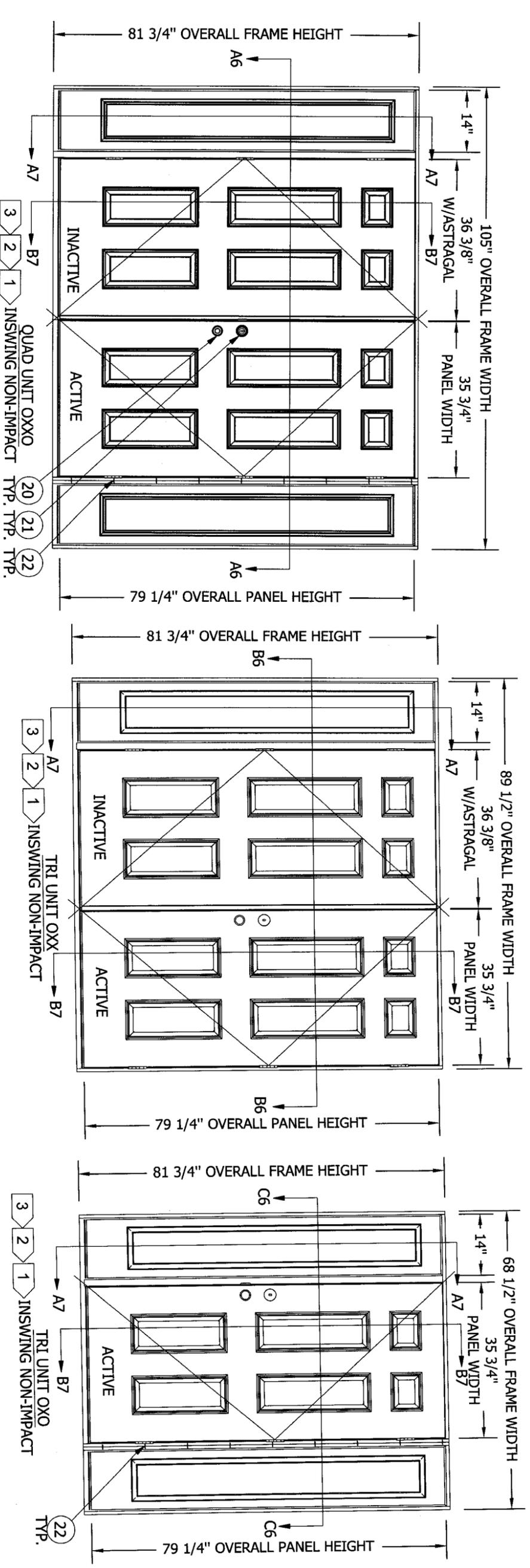
PRODUCT:  
 DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
 8-9 X 6-8

PART OR ASSEMBLY:  
 PARTS LIST & OUTSWING  
 VERTICAL CROSS SECTIONS

DATE: 12/14/2009  
 SCALE: NO SCALE  
 DWG. BY: G.LUBBECKE  
 CHK. BY: S. FREY  
 DRAWING NO.: JW142009

SHEET 4 OF 12

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



- NOTES:**
- 1 ALL INSWING VIEWS ARE FROM INTERIOR.
  - 2 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
  - 3 MULL POST & DOUBLE BACK JAMBS ARE INTERCHANGEABLE.

*[Signature]*  
 Kristina S. Daugherty  
 Certworks LLC  
 Texas P.E. No. 104390  
 127 W. Fairbanks Ave. Ste. 438  
 Maiter Park, FL 32789

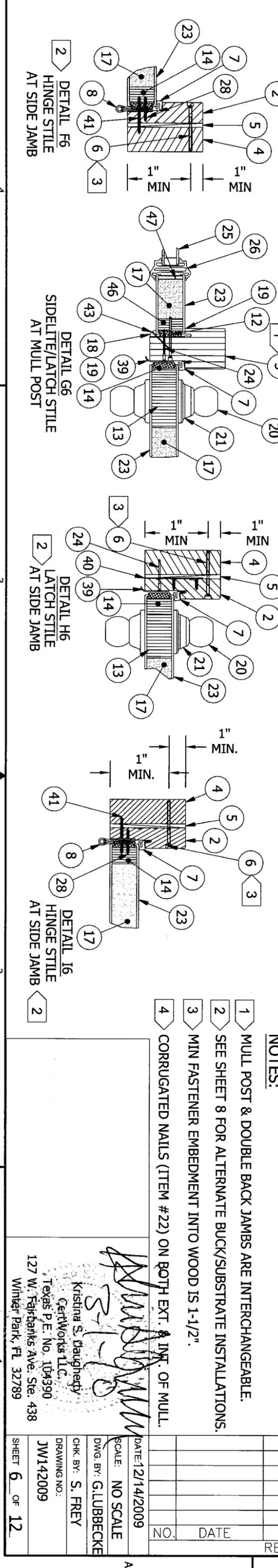
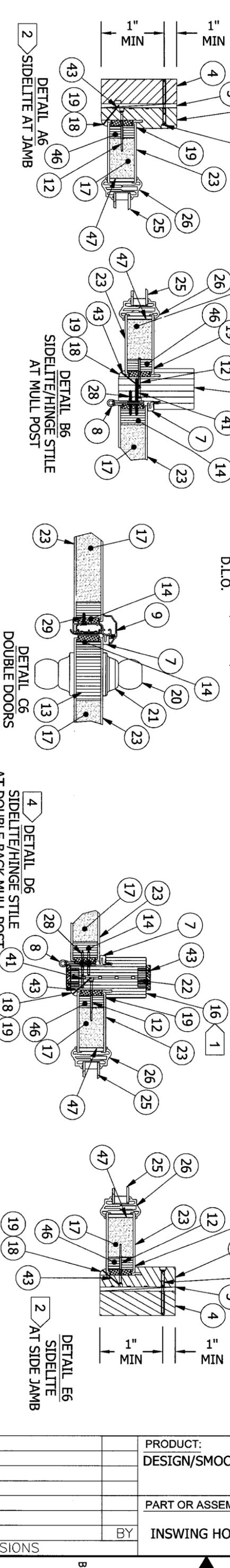
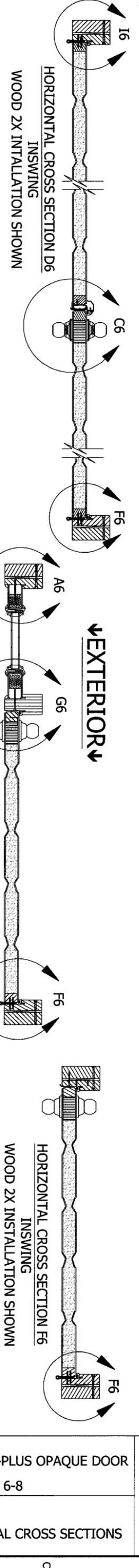
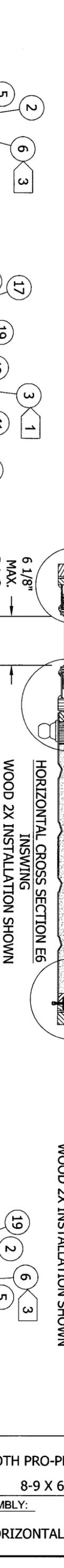
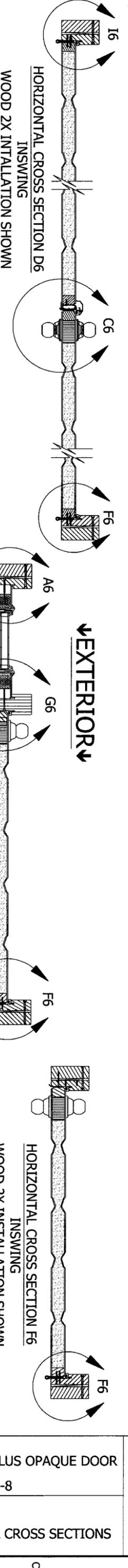
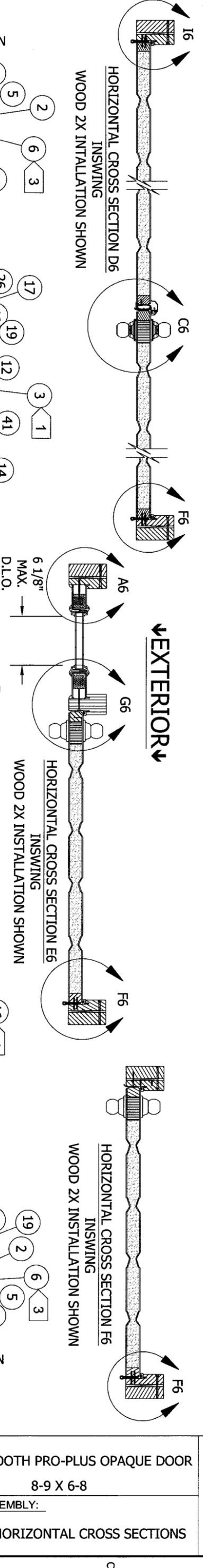
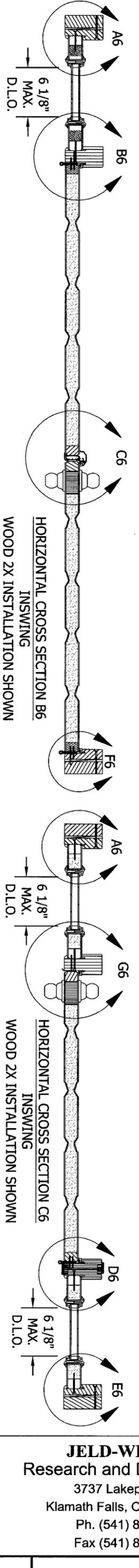
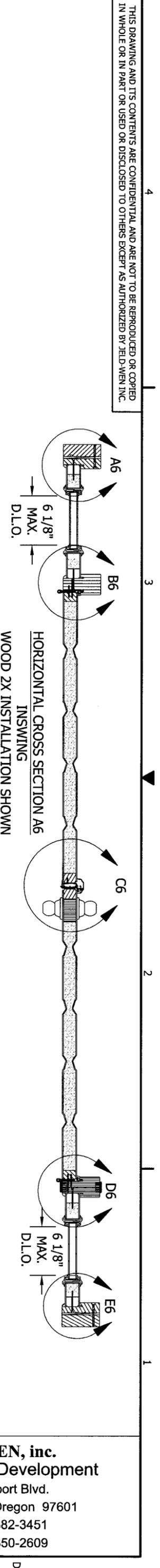
DATE: 12/14/2009	SCALE: NO SCALE	DWG. BY: G.LUBBECKE	CHK. BY: S.FREY
DRAWING NO.: JW142009			
SHEET 5 OF 12			

NO.	DATE	REVISIONS	BY

PRODUCT:  
 DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
 8-9 X 6-8

PART OR ASSEMBLY:  
 INSWING DOOR ELEVATIONS

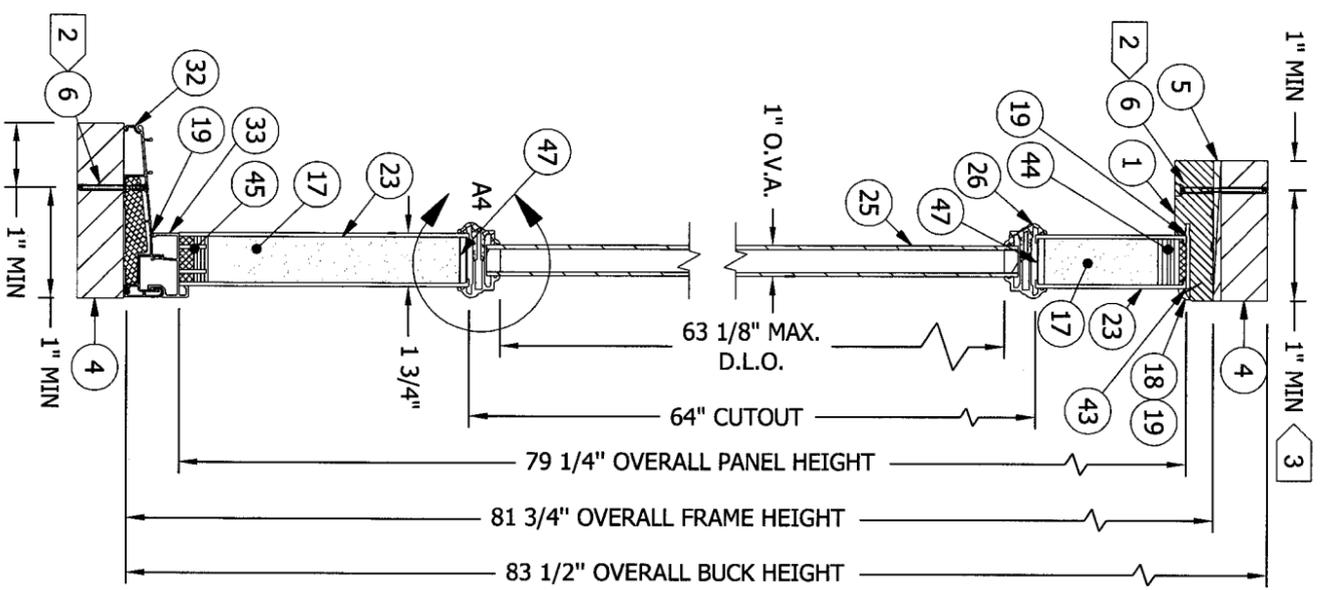
**JELD-WEN, inc.**  
 Research and Development  
 3737 Lakeport Blvd.  
 Klamath Falls, Oregon 97601  
 Ph. (541) 882-3451  
 Fax (541) 850-2609



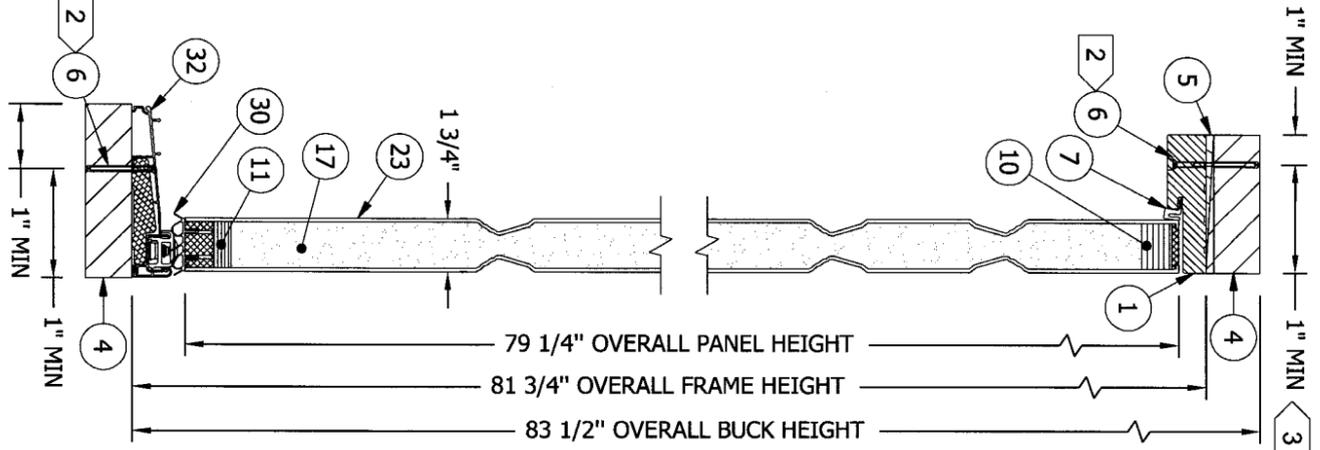
- NOTES:**
- MULL POST & DOUBLE BACK JAMBS ARE INTERCHANGEABLE.
  - SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
  - MIN FASTENER EMBEDMENT INTO WOOD IS 1-1/2".
  - CORRUGATED NAILS (ITEM #22) ON BOTH EXT. & INT. OF MULL.

<p><b>JELD-WEN, inc.</b>                  Research and Development                  3737 Lakeport Blvd.                  Klamath Falls, Oregon 97601                  Ph. (541) 882-3451                  Fax (541) 850-2609</p>		<p>PRODUCT:                  DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR                  8-9 X 6-8</p>
<p>DATE: 12/14/2009                  SCALE: NO SCALE                  DWG. BY: G. LUBBECKE                  CHK. BY: S. FREY                  DRAWING NO.: JW142009</p>		<p>PART OR ASSEMBLY:                  INSWING HORIZONTAL CROSS SECTIONS</p>
<p>SHEET 6 OF 12</p>		<p>BY: _____                  NO. _____ DATE _____</p>

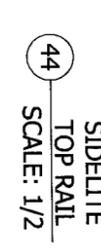
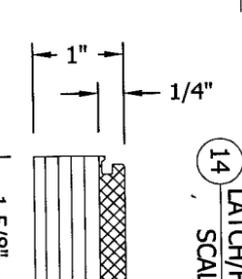
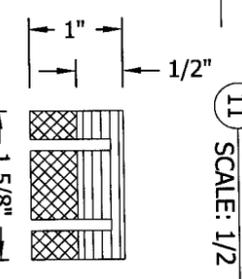
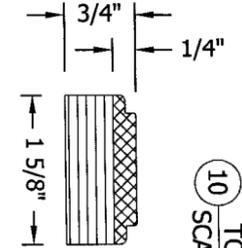
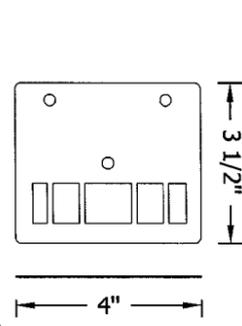
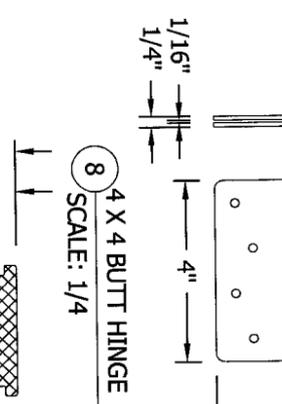
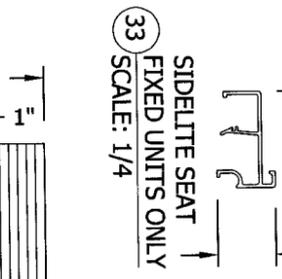
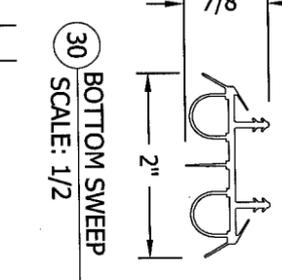
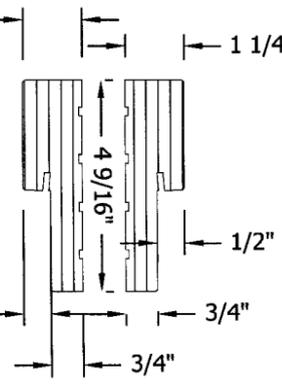
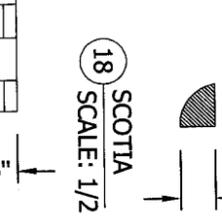
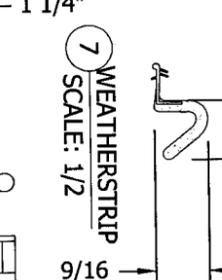
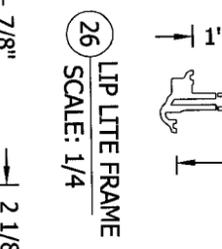
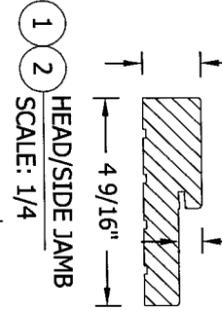
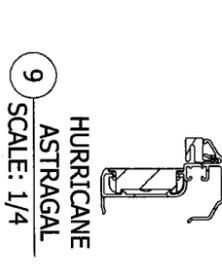
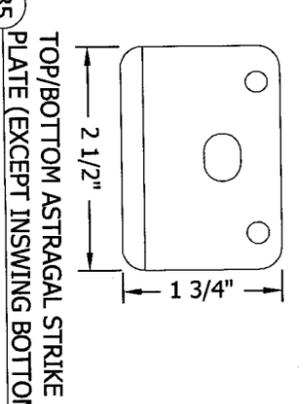
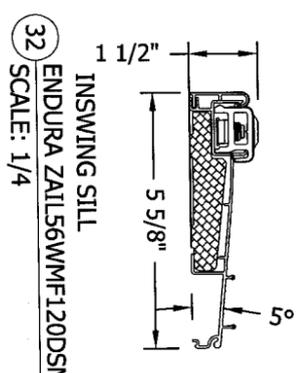
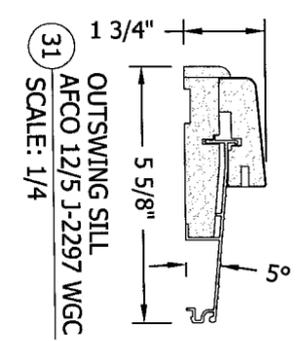
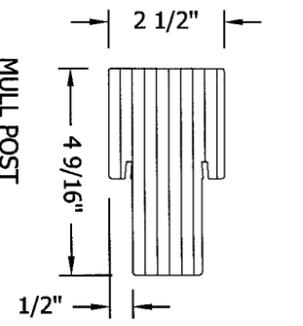
THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



**DETAIL A7**  
 1 INSWING VERTICAL  
 CROSS SECTION OF SIDELITE  
 2X WOOD BUCK SHOWN  
**EXTERIOR** →



**DETAIL B7**  
 1 INSWING VERTICAL  
 CROSS SECTION OF DOOR  
 2X WOOD BUCK SHOWN



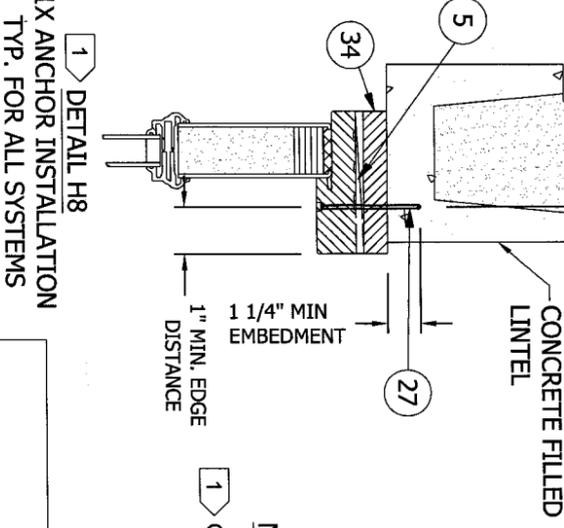
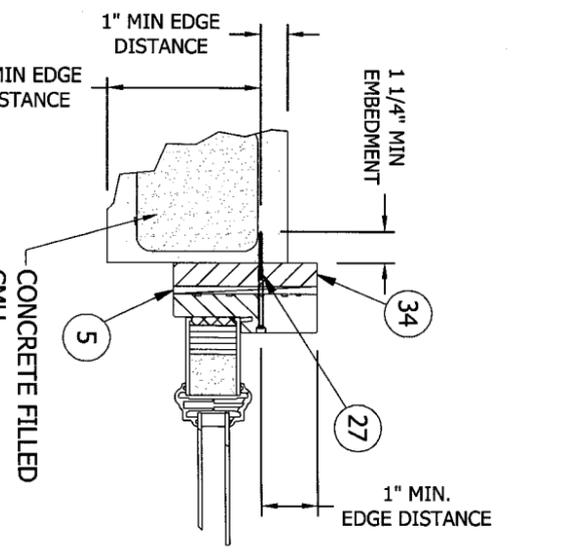
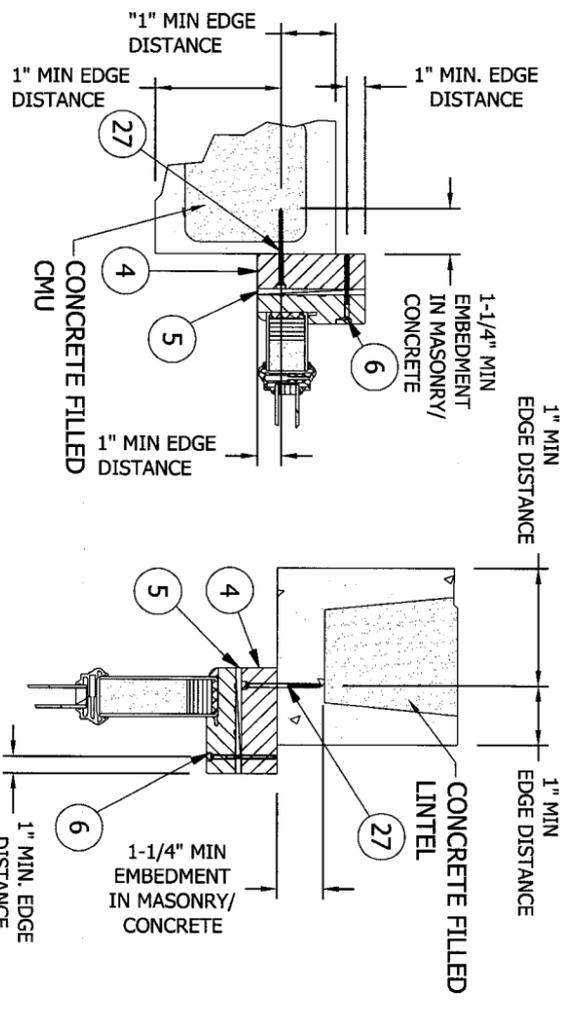
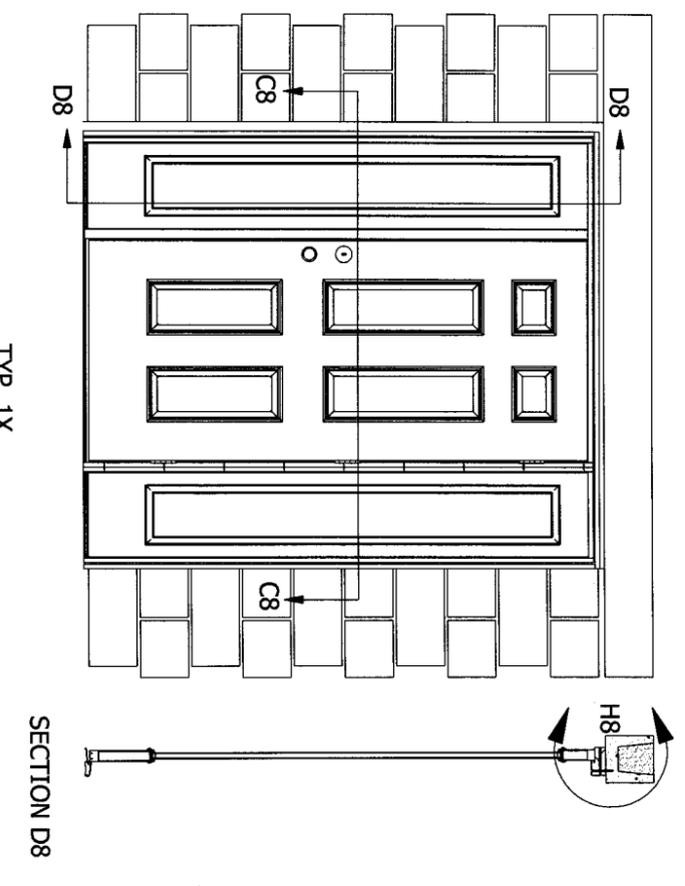
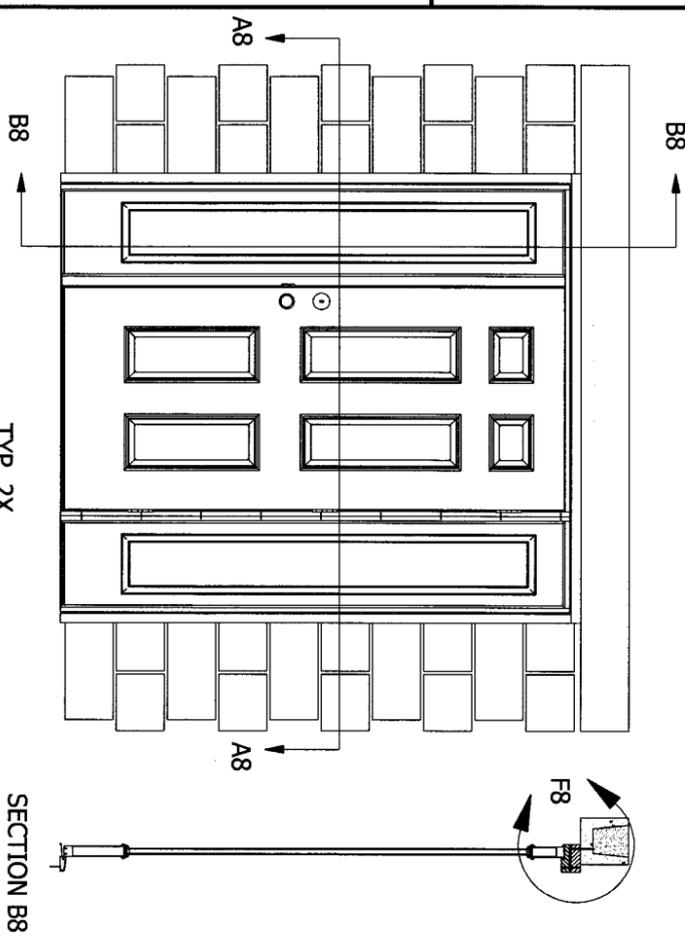
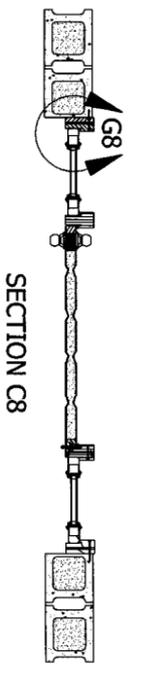
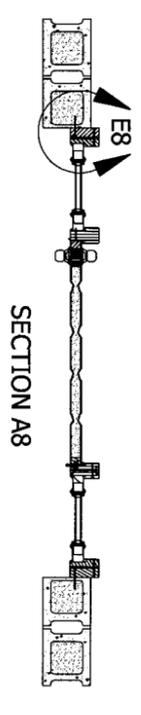
**NOTES:**

- 1 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
- 2 MIN FASTENER EMBEDMENT INTO WOOD IS 1-1/2".
- 3 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB.

*[Handwritten Signature]*  
 Kristina S. Daugherty  
 Certifications LLC  
 Texas P.E. No. 104390  
 127 W. Fairbanks Ave., Ste. 438  
 Winter Park, FL 32789

DATE: 12/14/2009		SCALE: NO SCALE	
DWG. BY: G.LUBBECKE		CHK. BY: S. FREY	
DRAWING NO.: JW142009		SHEET 7 OF 12	
PRODUCT: DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR 8-9 X 6-8 PART OR ASSEMBLY: INSWING VERTICAL CROSS SECTIONS & COMPONENT DRAWINGS			
NO.		DATE	
BY		REVISIONS	

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



NOTE(S):  
1 OPTIONAL IN NARROW SECTION OF FRAME

PRODUCT:  
DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
8-9 X 6-8

PART OR ASSEMBLY:  
ALTERNATE ANCHORING METHODS

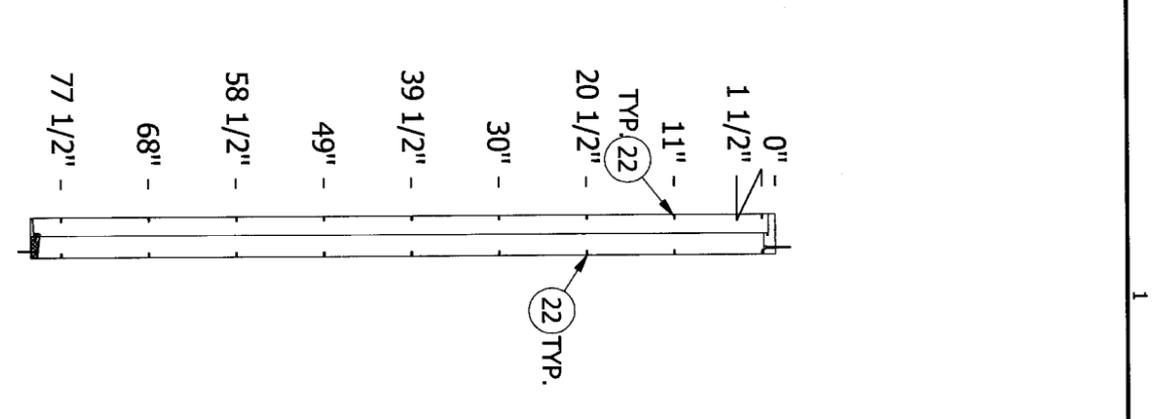
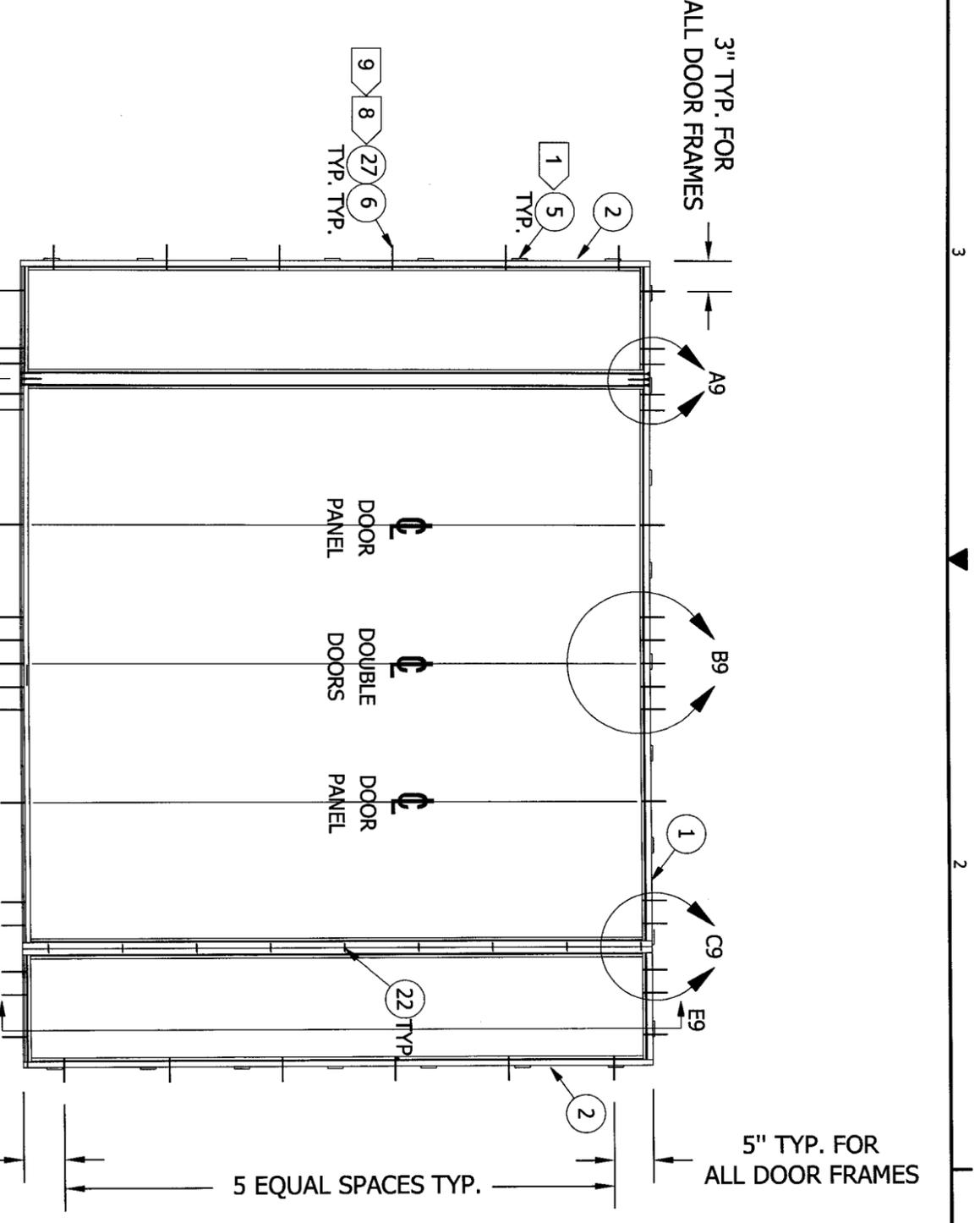
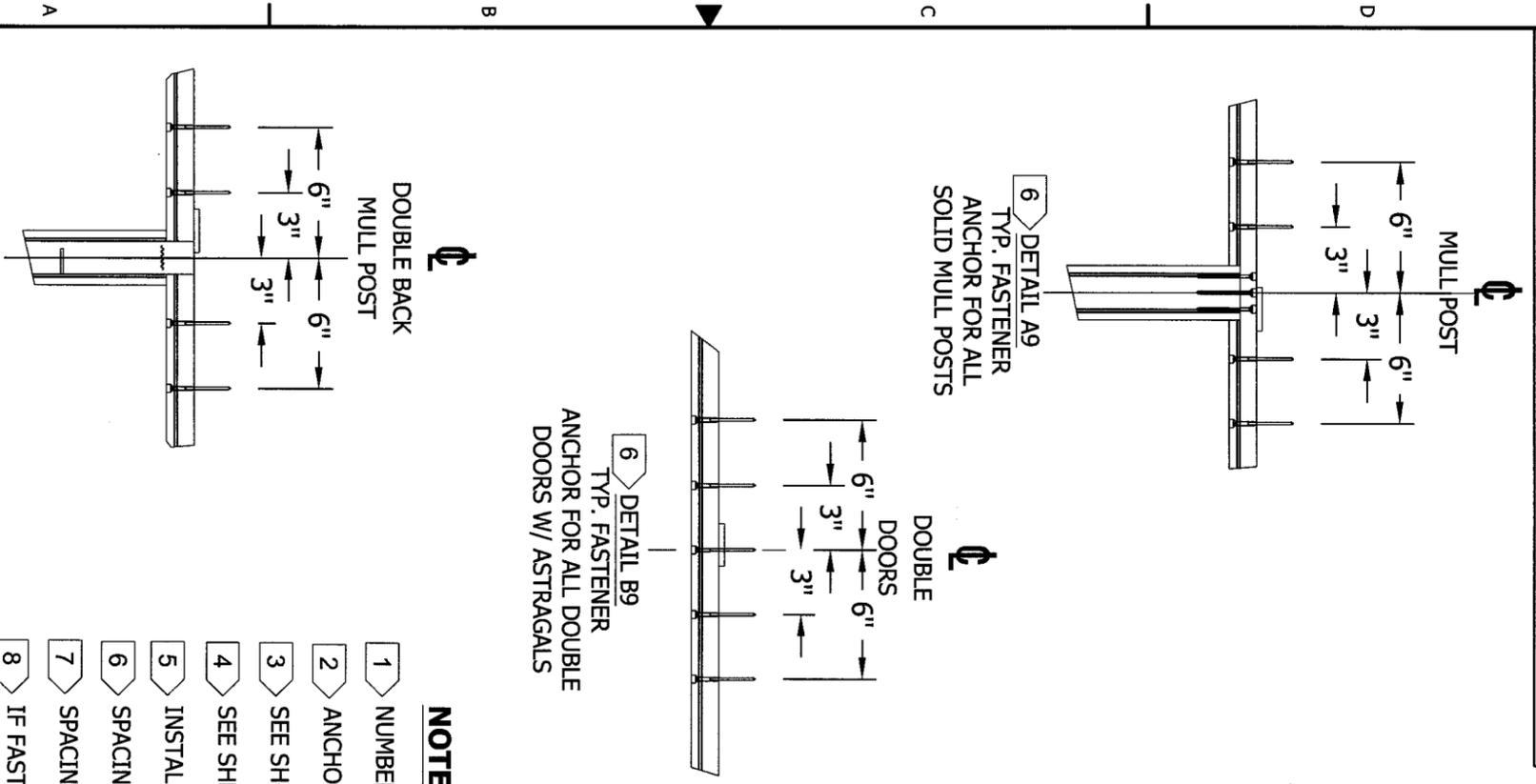
**JELD-WEN, inc.**  
Research and Development  
3737 Lakeport Blvd.  
Klamath Falls, Oregon 97601  
Ph. (541) 882-3451  
Fax (541) 850-2609

NO.	DATE	REVISIONS	BY

DATE: 12/14/2009  
SCALE: NO SCALE  
DWG. BY: G. LUBBECKE  
CHK. BY: S. FREY  
DRAWING NO.: JW142009  
SHEET 8 OF 12

*[Signature]*  
Kristina S. Daugherty  
Gert/Works LLC  
Texas P.E. No. 104390  
127 W. Fairbanks Ave. Ste. 438  
Winter Park, FL 32789

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



**NOTES:**

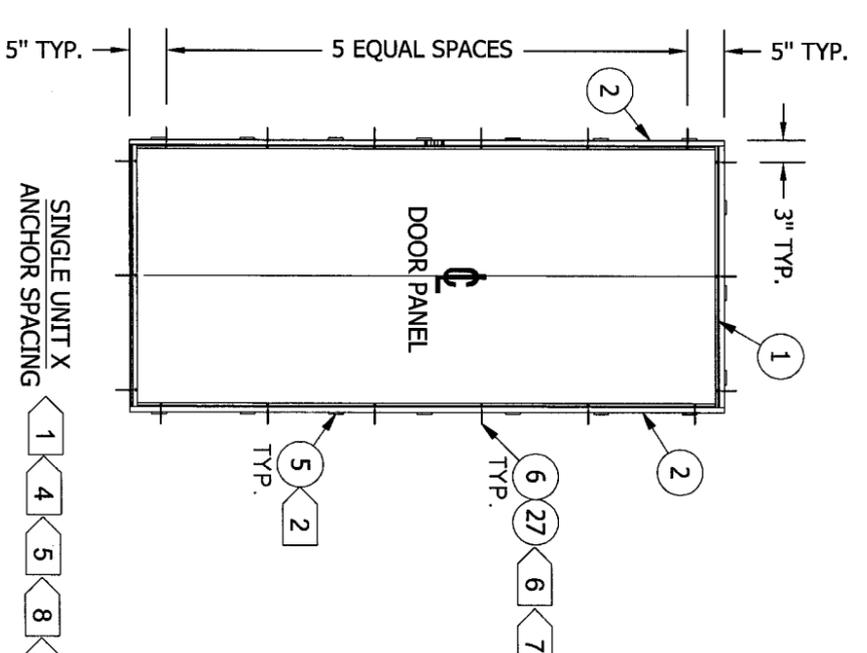
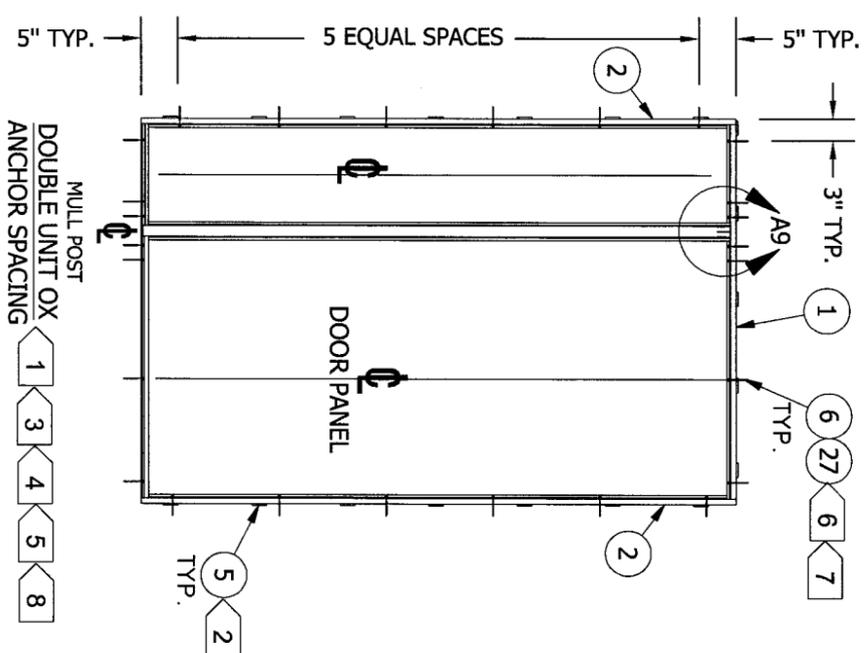
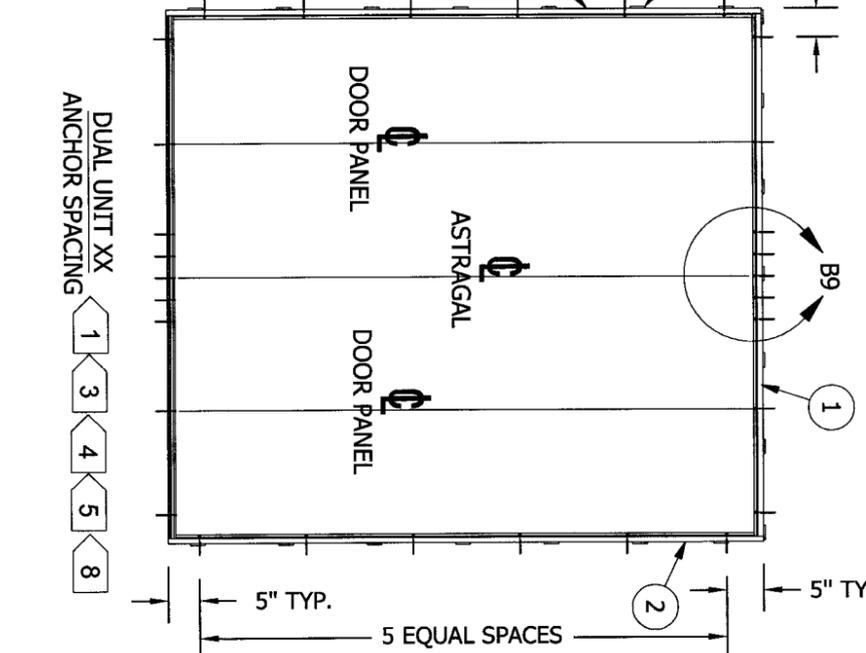
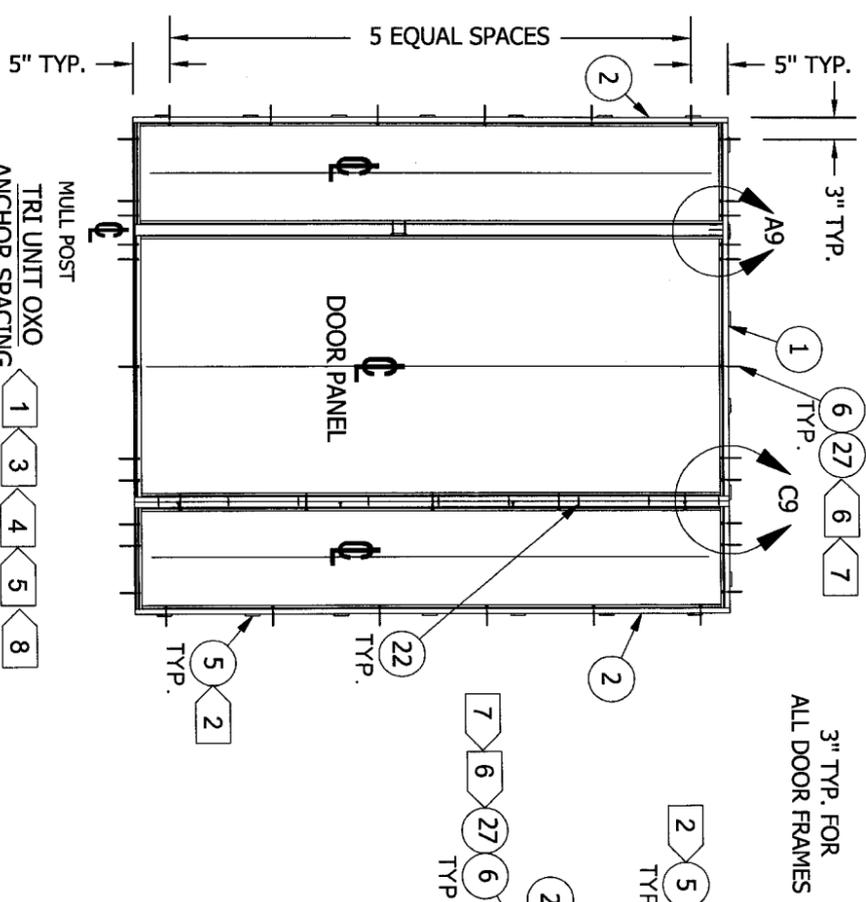
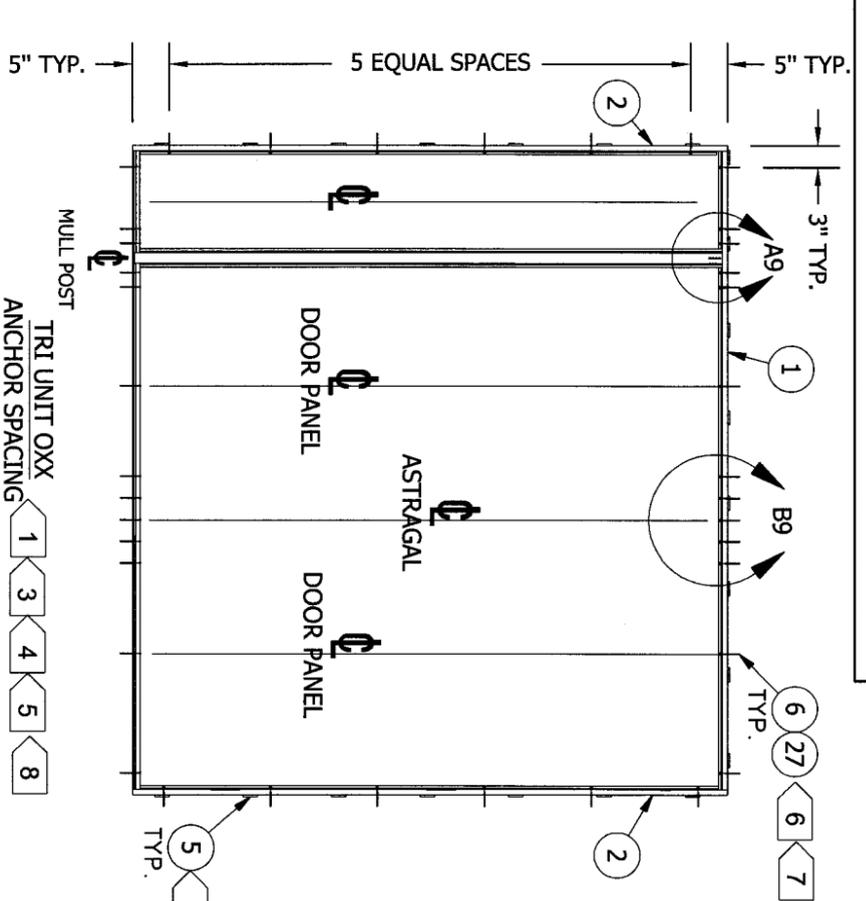
- 1 NUMBER AND SPACING OF SHIMS IS AS REQUIRED.
- 2 ANCHOR DETAILS TYPICAL FOR ALL DOOR SYSTEMS.
- 3 SEE SHEET 8 FOR ALTERNATIVE SUBSTRATE ANCHORING.
- 4 SEE SHEET 10 FOR ADDITIONAL DOOR SYSTEMS.
- 5 INSTALL CORRUGATED FASTENERS FRONT AND BACK.
- 6 SPACING OF SILL ANCHORS IS SAME AS FOR HEADER.
- 7 SPACING APPLICABLE FOR BOTH INSWING & OUTSWING SYSTEMS.
- 8 IF FASTENERS WILL BE ANCHORED IN WOOD, MIN EMBEDMENT WILL BE 1-1/2".
- 9 IF FASTENERS WILL BE ANCHORED IN MASONRY/CONCRETE, MIN EMBEDMENT WILL BE 1-1/4" OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD AND JAMB AS LONG AS MINIMUM EMBEDMENT CAN BE MET.
- 10 MINIMUM EMBEDMENT CAN BE MET.

SECTION E9  
 5 TYP. CORRUGATED FASTENER LOCATIONS FOR ALL MULL POSTS

Kristina S. Daugherty  
 CertiWoods LLC  
 Texas P/E, No. 194390  
 127 W. Fairbanks Ave. Ste. 438  
 Winter Park, FL 32789

<b>JELD-WEN, inc.</b> Research and Development 3737 Lakeport Blvd. Klamath Falls, Oregon 97601 Ph. (541) 882-3451 Fax (541) 850-2609		PRODUCT: <b>DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR</b> 8-9 X 6-8 PART OR ASSEMBLY: <b>INSWING AND OUTSWING ANCHORING DETAILS</b>
DATE: 12/14/2009	SCALE: NO SCALE	BY:
DWG. BY: G.LUBBECKE	CHK. BY: S.FREY	NO.
DRAWING NO.: JW142009		DATE
SHEET 9 OF 12		REVISIONS

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



**NOTES:**

- 1 SPACING APPLICABLE FOR BOTH INSWING & OUTSWING SYSTEMS.
- 2 NUMBER AND SPACING OF SHIMS IS AS REQUIRED.
- 3 ANCHOR DETAILS TYPICAL FOR ALL DOOR SYSTEMS - EXCEPT FOR SINGLE UNIT W/ DP +/-70 PSF.
- 4 SEE SHEET 8 FOR ALTERNATIVE SUBSTRATE ANCHORING.
- 5 SPACING OF SILL ANCHORS IS SAME AS FOR HEADER.
- 6 IF FASTENERS WILL BE ANCHORED IN WOOD, MIN EMBEDMENT WILL BE 1-1/2".
- 7 IF FASTENERS WILL BE ANCHORED IN MASONRY/CONCRETE, MIN. EMBEDMENT WILL BE 1-1/4".
- 8 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD AND JAMB AS LONG AS MINIMUM EMBEDMENT CAN BE MET.
- 9 DP RATING +/-70 PSF SINGLE DOOR ONLY. SEE SPACING AND ANCHOR DETAILS.

**JELD-WEN, inc.**  
 Research and Development  
 3737 Lakeport Blvd.  
 Klamath Falls, Oregon 97601  
 Ph. (541) 882-3451  
 Fax (541) 850-2609

PRODUCT:  
 DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
 8-9 x 6-8

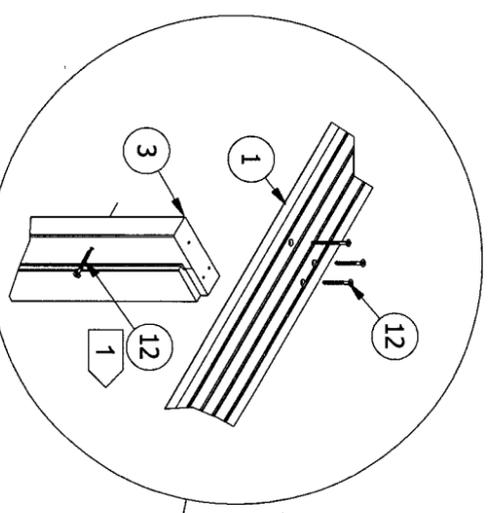
PART OR ASSEMBLY:  
 INSWING AND OUTSWING ANCHORING  
 DETAILS

NO.	DATE	REVISIONS	BY

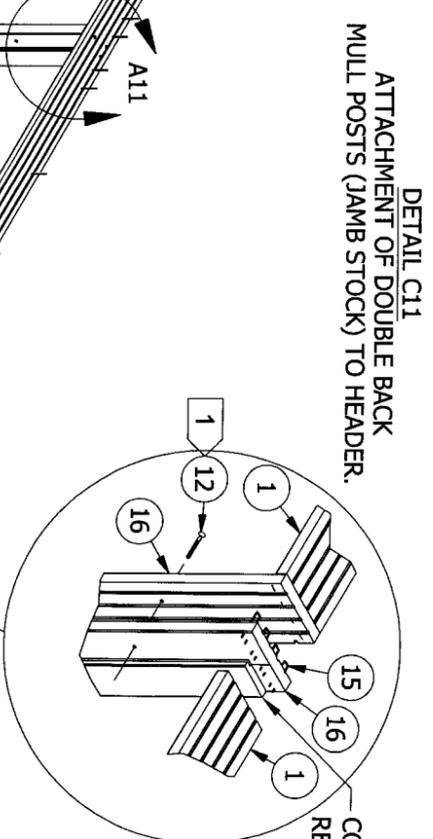
Kristina S. Deagoner  
 JELD-WEN  
 127 W. Fairbanks Ave. Ste. 438  
 Winter Park, FL 32789  
 Texas, P. O. Box 104390  
 KettWorks LLC

DATE: 12/14/2009  
 SCALE: NO SCALE  
 DWG. BY: G. LUBBECKE  
 CHK. BY: S. FREY  
 DRAWING NO.: JW142009  
 SHEET 10 OF 12

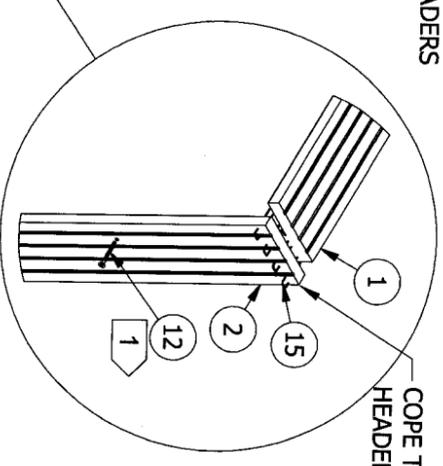
THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



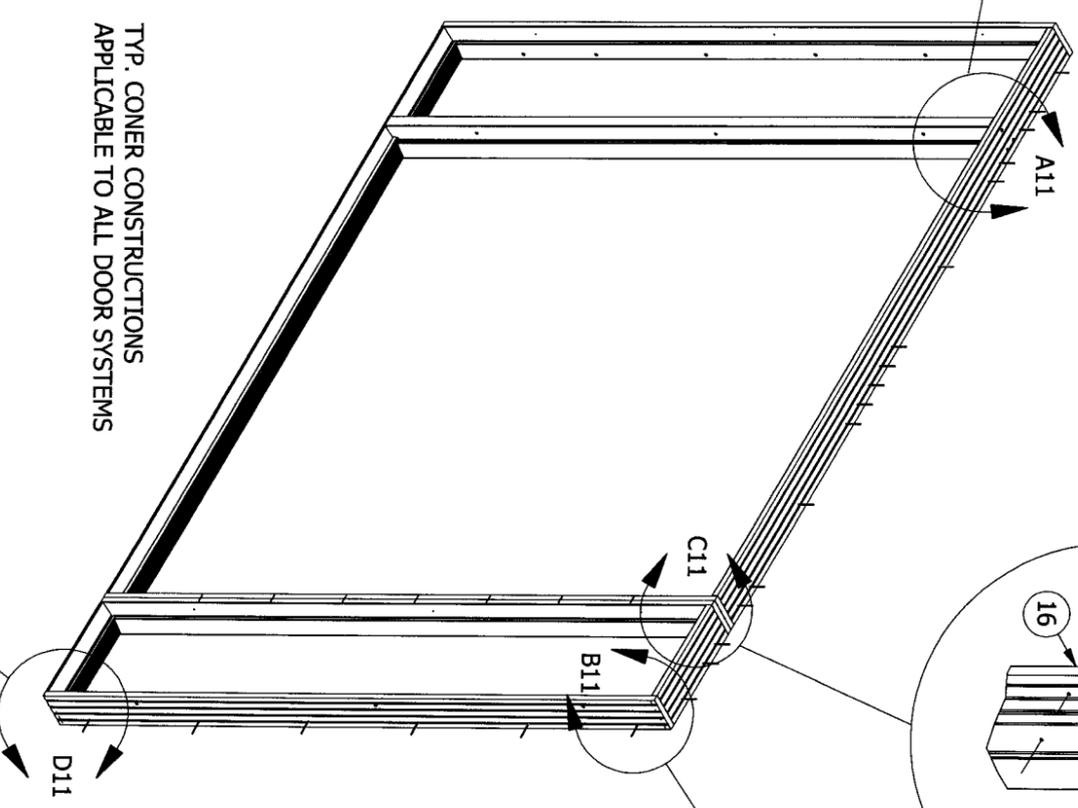
DETAIL A11  
ATTACHMENT OF SOLID MULL POST  
TO HEADER & MULL POST TO SIDELITE.  
FOLLOW SAME SPACING  
FOR ATTACHMENT OF MULLPOST TO SILL



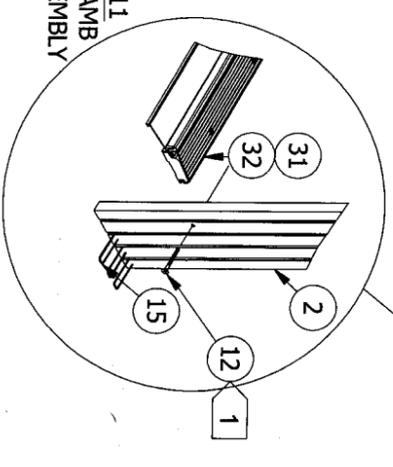
DETAIL C11  
ATTACHMENT OF DOUBLE BACK  
MULL POSTS (JAMB STOCK) TO HEADER.  
COPE TO  
RECEIVE HEADERS



DETAIL B11  
TYP. HEADER/JAMB  
CORNER ASSEMBLY



TYP. CONER CONSTRUCTIONS  
APPLICABLE TO ALL DOOR SYSTEMS



DETAIL D11  
TYP. SILL/JAMB  
CORNER ASSEMBLY

**NOTES:**  
1 SPACING FOR SECURING SIDELITE/FIXED PANEL, ITEM #12 FROM  
TOP AND BOTTOM OF FRAME INWARD 6", AND ONE AT CENTERLINE.

**JELD-WEN, inc.**  
Research and Development  
3737 Lakeport Blvd.  
Klamath Falls, Oregon 97601  
Ph. (541) 882-3451  
Fax (541) 850-2609

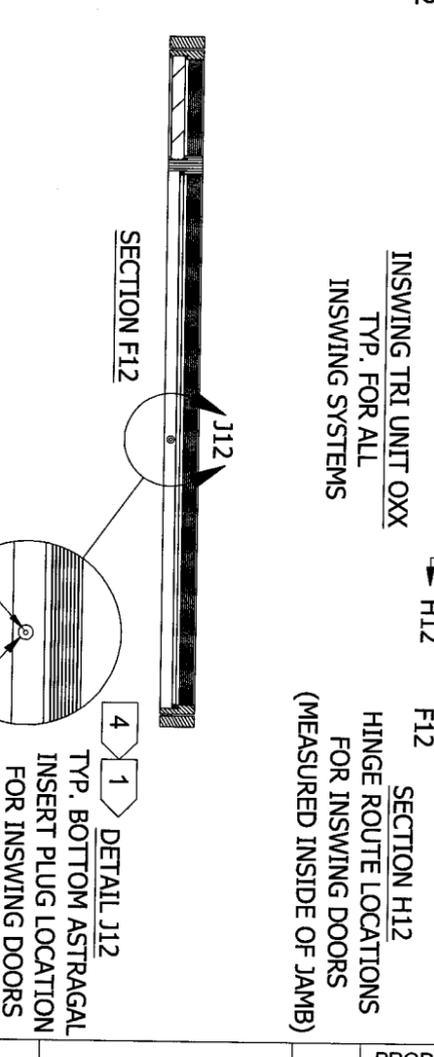
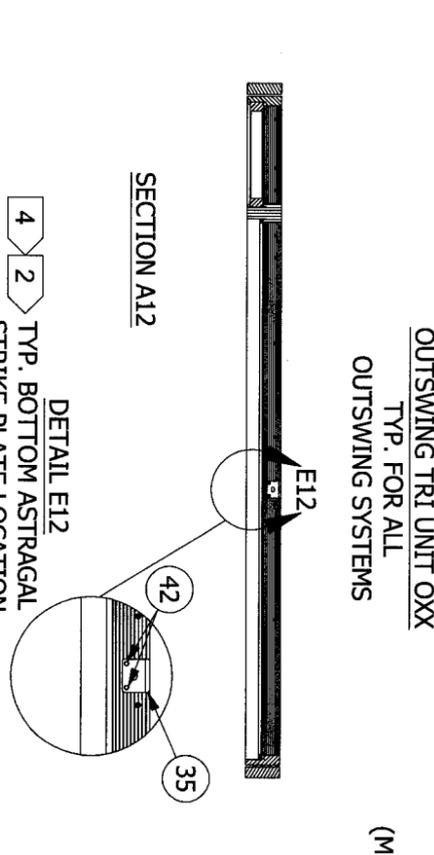
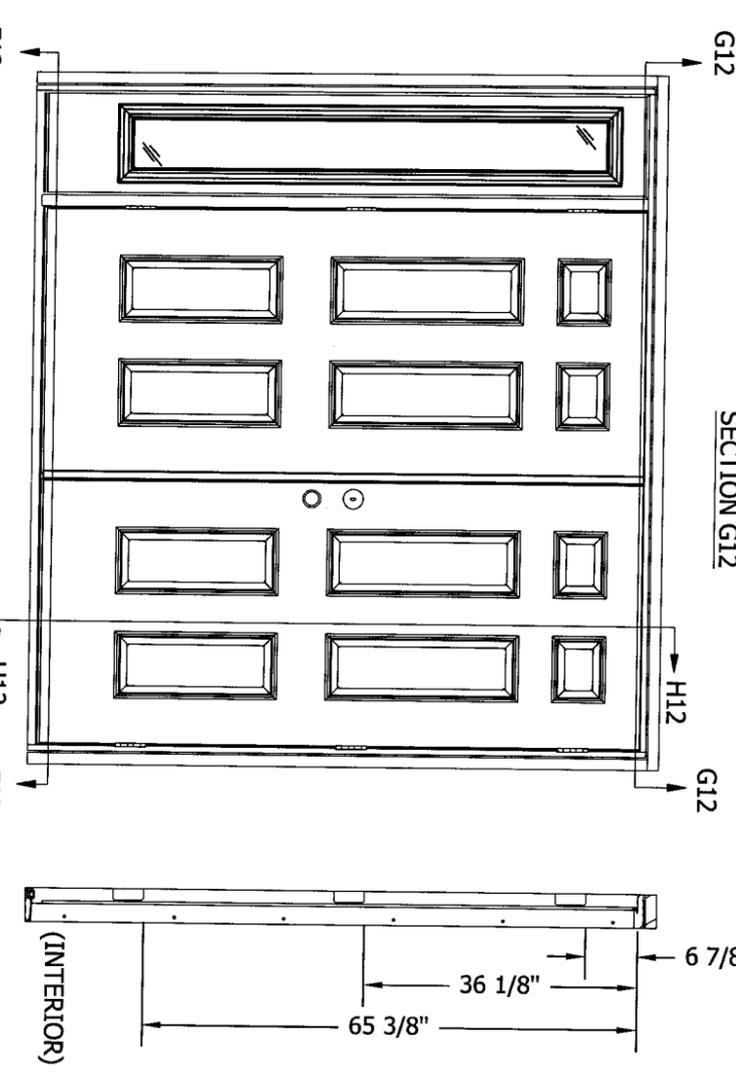
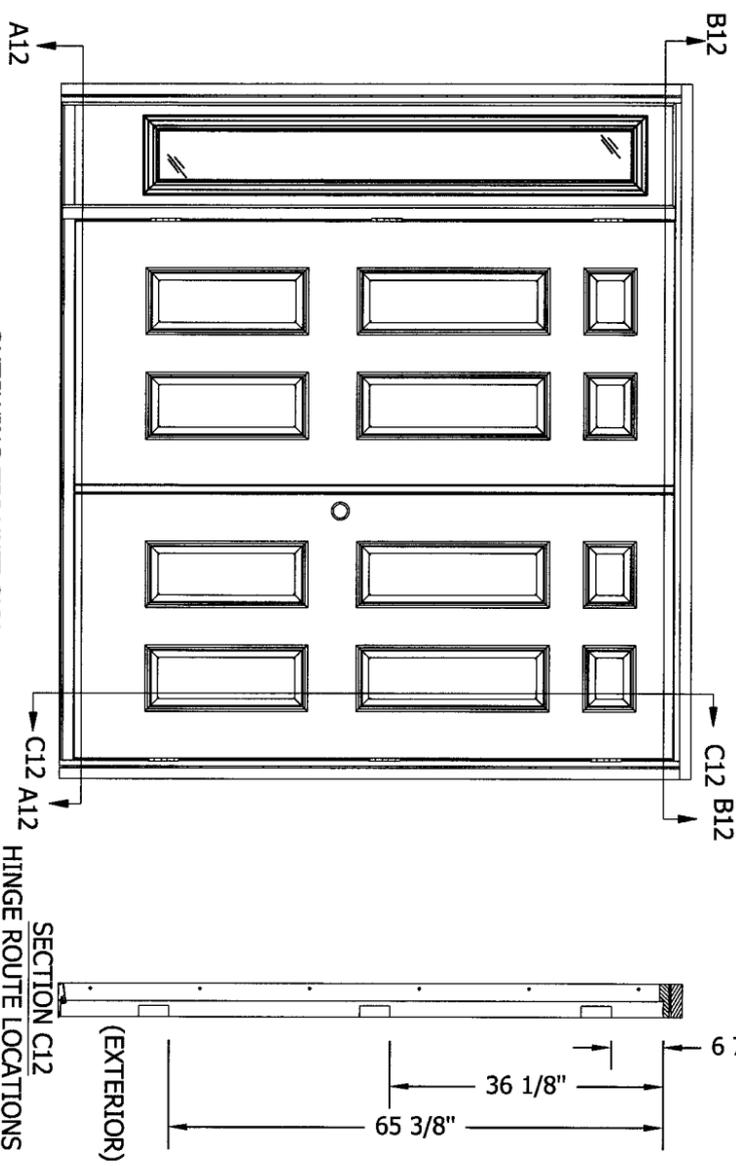
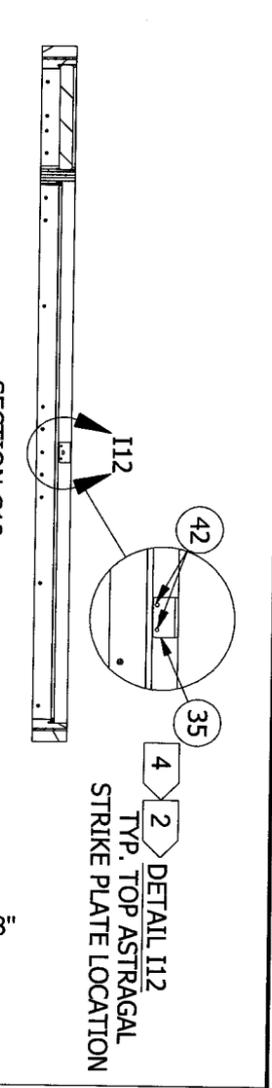
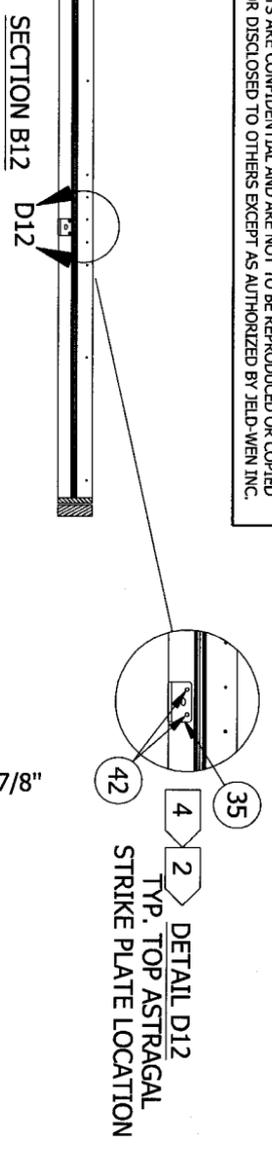
PRODUCT:  
DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR  
8-9 x 6-8  
PART OR ASSEMBLY:  
INSWING & OUTSWING FRAME  
CORNER CONSTRUCTION

NO.	DATE	REVISIONS	BY

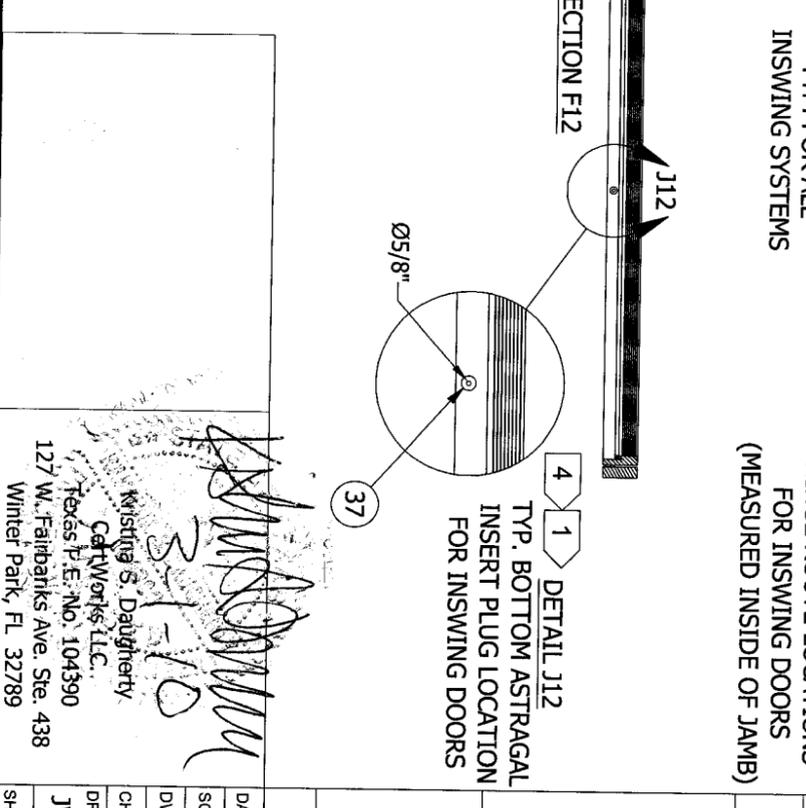
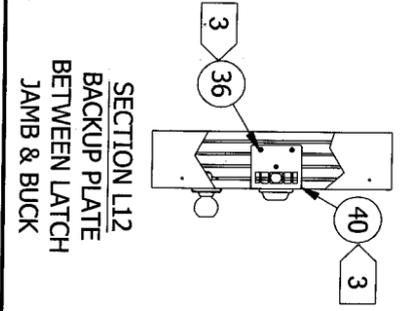
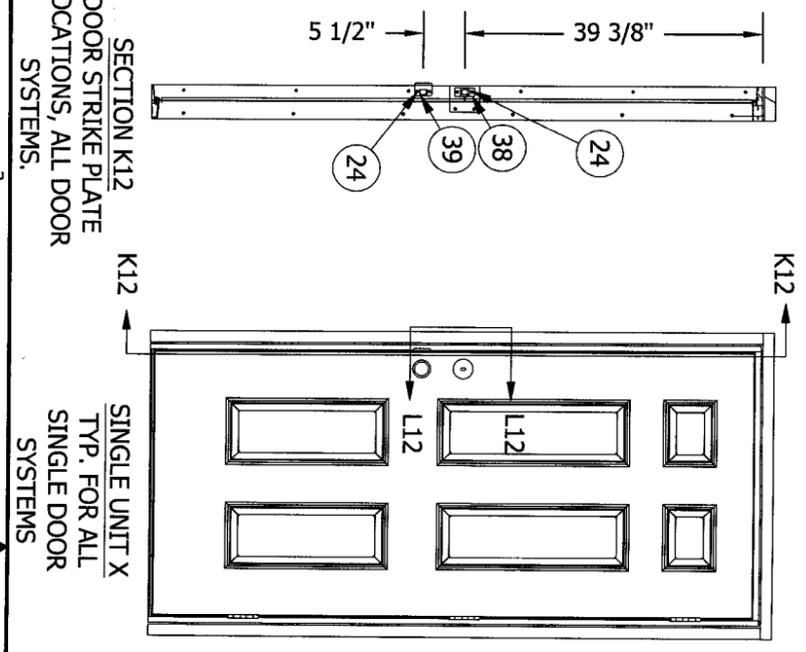
DATE: 12/14/2009  
SCALE: NO SCALE  
DWG. BY: G. LUBBECKE  
CHK. BY: S. FREY  
DRAWING NO.: JW142009  
SHEET 11 OF 12

Kristina S. Daugherty  
GetiWorks LLC  
Texas P.E. No. 104390  
127 W. Fairbairn Ave. Ste. 438  
Winter Park, FL 32789

THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND ARE NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART OR USED OR DISCLOSED TO OTHERS EXCEPT AS AUTHORIZED BY JELD-WEN INC.



- NOTES:**
- 1 DRILL 5/8" HOLE MIN 1-3/8" DP FOR LOWER RETAINER (INSWING ONLY).
  - 2 DRILL 3/8" HOLE MIN 1-3/8" DP FOR UPPER AND LOWER RETAINER.
  - 3 SINGLE DOOR SYSTEMS ONLY.
  - 4 FOR EXACT LOCATION OF ASTRAGAL BOLT RETAINERS, FOLLOW MANUFACTURER'S RECOMMENDED INSTRUCTIONS SENT WITH HARDWARE.



<p><b>JELD-WEN, inc.</b>          Research and Development          3737 Lakeport Blvd.          Klamath Falls, Oregon 97601          Ph. (541) 882-3451          Fax (541) 850-2609</p>		<p>PRODUCT:          DESIGN/SMOOTH PRO-PLUS OPAQUE DOOR          8-9 x 6-8</p> <p>PART OR ASSEMBLY:          HINGE ROUTE, ASTRAGAL, &amp;          LATCH STRIKE PLATE LOCATIONS</p>
<p>DATE: 12/14/2009</p> <p>SCALE: NO SCALE</p> <p>DWG. BY: G. LUBBECKE</p> <p>CHK. BY: S. FREY</p> <p>DRAWING NO.: JW142009</p> <p>SHEET 12 OF 12</p>	<p>NO. DATE BY</p> <p>REVISIONS</p>	<p>127 W. Fairbanks Ave. Ste. 438          Winter Park, FL 32789</p> <p>Mystring S. Daugherty          CatWorks LLC.          Texas P.E. No. 104390</p>