

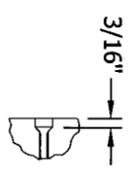
JELD-WEN

JELD-WEN DOOR SYSTEM

FIBERLAST 8'-4" 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.
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, PAGE 1.
5. TEXAS APPROVED IMPACT RESISTANCE SHUTTERS ARE REQUIRED.
6. SCALE BASED ON 11x17 SHEET SIZE.
7. ALL 1X & 2X TO BE 0.55 SPECIFIC GRAVITY OR GREATER.



8. ALL FASTENERS IN WOOD SHALL BE COUNTER SUNK 3/16" DEEP.

FACE SHEETS: THE FACE SHEETS ARE MADE OF A WOOD/FIBERGLASS COMPOSITE MATERIAL MOLDED TO THE DESIRED DESIGN, AT .120" +/- .015 THICK WITH A DENSITY OF 52 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 PINE AND TREATED WITH AURALAST, A PROPRIETARY TREATMENT FROM JELD-WEN. THE STILES ARE COPE TO ACCEPT THE TOP RAIL, WHICH IS ALSO TREATED PINE, AND THE BOTTOM RAIL WHICH IS MADE OF LAMINATED VENEER LUMBER (LVL) AND CAPPED WITH PVC. TWO STAPLES ARE USED AT EACH CORNER TO HOLD THE FRAME TOGETHER PRIOR TO GLUING THE SKINS ON. A 2-13/16" WIDE INTERNAL STILE, MADE OF LVL, RUNS THE FULL LENGTH OF THE DOOR AND SERVES THE FUNCTION OF THE LOCKBLOCK. IT IS SECURED TO THE LATCH STILE WITH 4 STAPLES, EVENLY SPACED ALONG ITS LENGTH.

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

DOOR SYSTEM 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 COPE, BUTTED, AND SEALED USING SILICONE AND FASTENED USING FOUR 16 GA. 7/16" X 2" LONG STAPLES PER CORNER. BOTTOM CORNERS ARE COPE, BUTTED, 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 USING THREE #8X2-1/2" SCREWS PER END. AT THE SILL, FOR INSWING PRODUCTS, A 5/8" HOLE IS DRILLED IN THE ALUMINUM RISER AND A RETAINING CAP IS INSTALLED TO RECEIVE THE ASTRAGAL BOLT. ON OUTSWING PRODUCTS, A 3/8" HOLE IS DRILLED AT THE CENTER OF THE FRAME SILL AND A METAL STRIKE PLATE IS FASTENED USING TWO #6 X 1 1/2" 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 #6 X 1 1/2" SCREWS TO RECEIVE THE TOP ASTRAGAL BOLT. EACH FIXED PANEL IS SECURED INTO THE FRAME USING FOUR #8 X 2-1/2" PHILLIPS HEAD WOOD SCREWS FASTENED THROUGH THE JAMBS 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.

MATERIAL PROTECTION

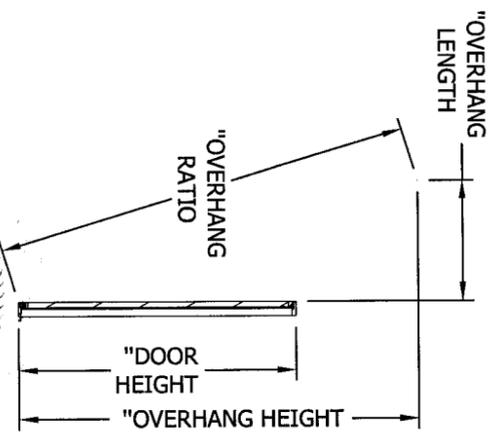
1. ALL LATCH/LOCK AND HINGE HARDWARE TO BE OF CORROSION RESISTANT MATERIAL OR CORROSION RESISTANT COATED.
2. ALL WOOD JAMBS SHALL BE TREATED IN ACCORDANCE TO WDMA I.S.04
3. ANCHORING COMPONENTS MUST MEET THE CORROSION RESISTANT STANDARDS AS IDENTIFIED IN THE FBC.

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
13	INSWING/OUTSWING DUAL (XX) ELEVATIONS & ANCHORING

TABLE 1

DESIGN PRESSURE RATING		
WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED		
	SINGLE DOOR ONLY	SINGLE DOOR W/ SIDELITES & DBL DOOR W/ OR W/O SIDLITES
INSWING	POSITIVE	+ 80*
	NEGATIVE	- 80*
OUTSWING	POSITIVE	+ 85*
	NEGATIVE	- 85*

* NOTE: 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



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 3737 Lakeport Blvd.
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 Fax (541) 850-2609

PRODUCT: DOOR CONSTRUCTION DRAWING SERIES, FIBERLAST

PART OR ASSEMBLY: _____

GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 10/21/2009

SCALE: NO SCALE

DWG. BY: W. DAVIS

CHK. BY: D. DWYER

DRAWING NO.: JW112009

SHEET 1 OF 13



A

3

2

1

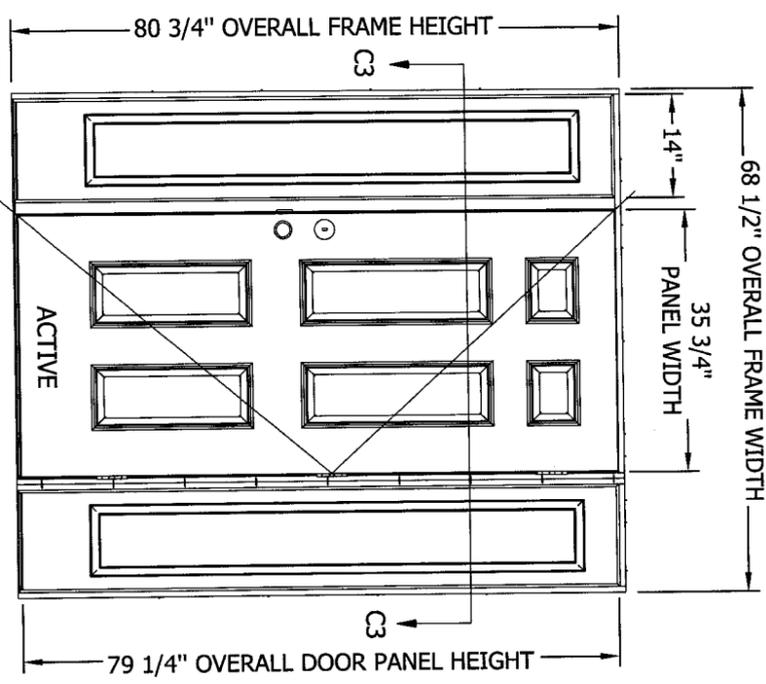
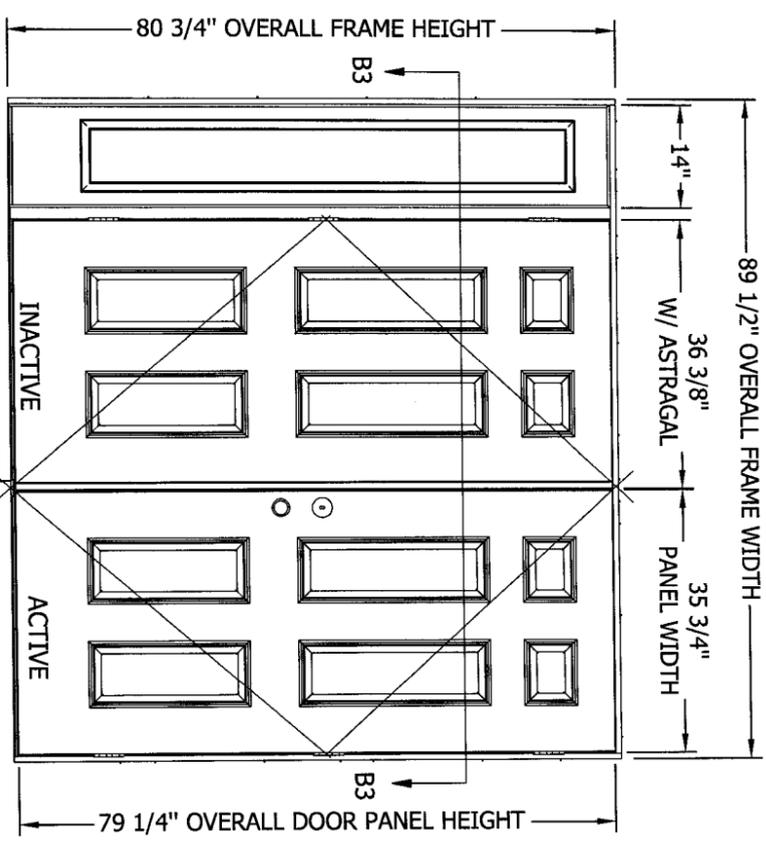
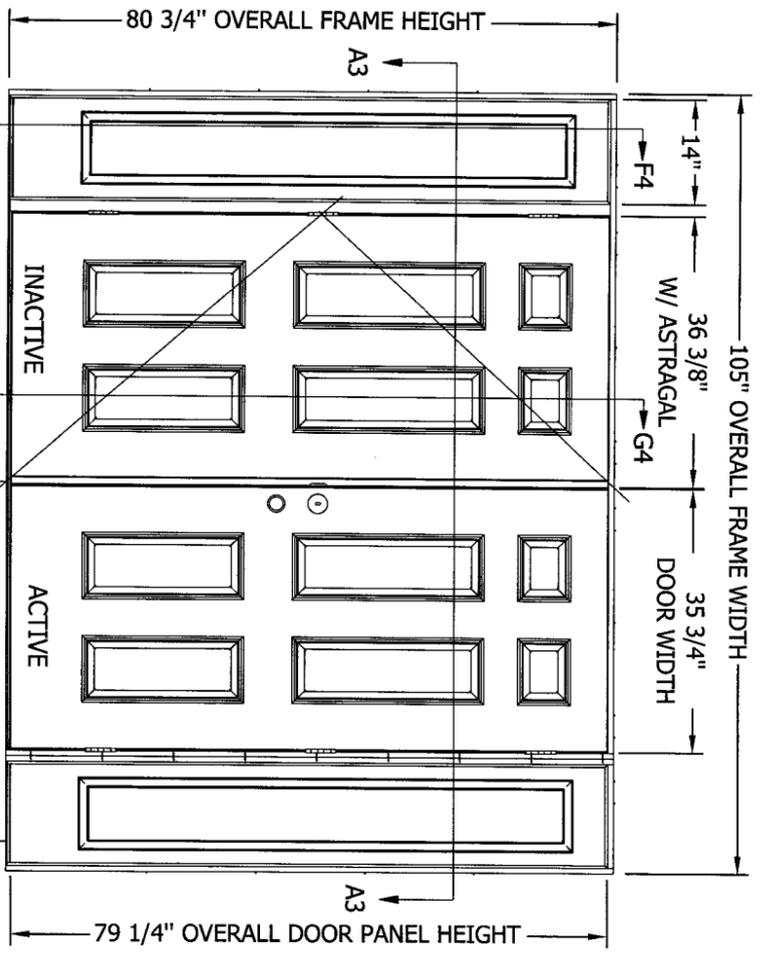
A

B

C

D

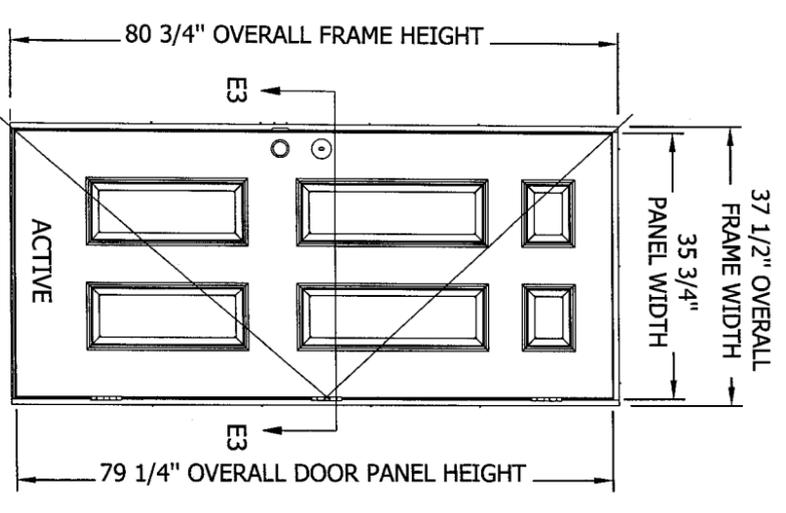
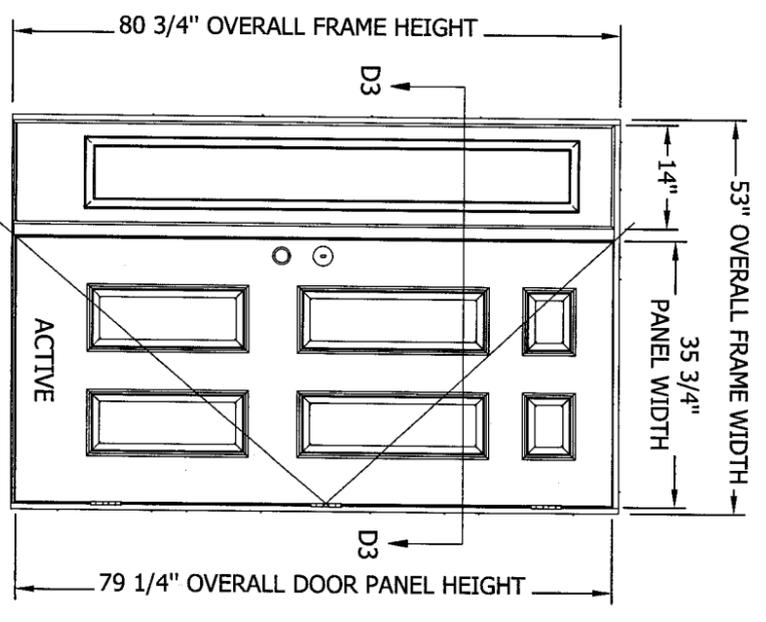
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2 1 QUAD UNIT OXXO
OUTSWING NON-IMPACT
2X WOOD BUCK SHOWN

2 1 TRI UNIT OXX
OUTSWING NON-IMPACT
2X WOOD BUCK SHOWN

2 1 TRI UNIT OXO
OUTSWING NON-IMPACT
2X WOOD BUCK SHOWN



2 1 DUAL UNIT OX
OUTSWING NON-IMPACT
2X WOOD BUCK SHOWN

2 1 SINGLE UNIT X
OUTSWING NON-IMPACT
2X WOOD BUCK SHOWN

NOTES:

- 1 ALL OUTSWING VIEWS ARE FROM EXTERIOR.
- 2 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.

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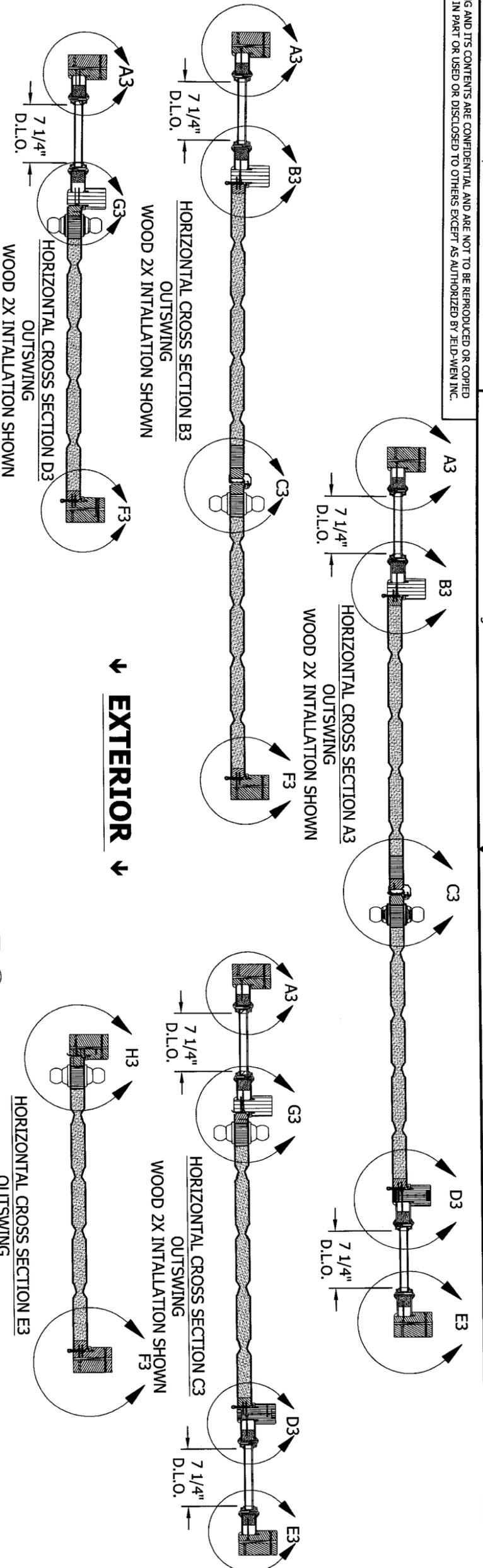
PRODUCT:
DOOR CONSTRUCTION DRAWING SERIES,
FIBERLAST
PART OR ASSEMBLY:
OUTSWING DOOR ELEVATIONS

NO.	DATE	REVISIONS	BY

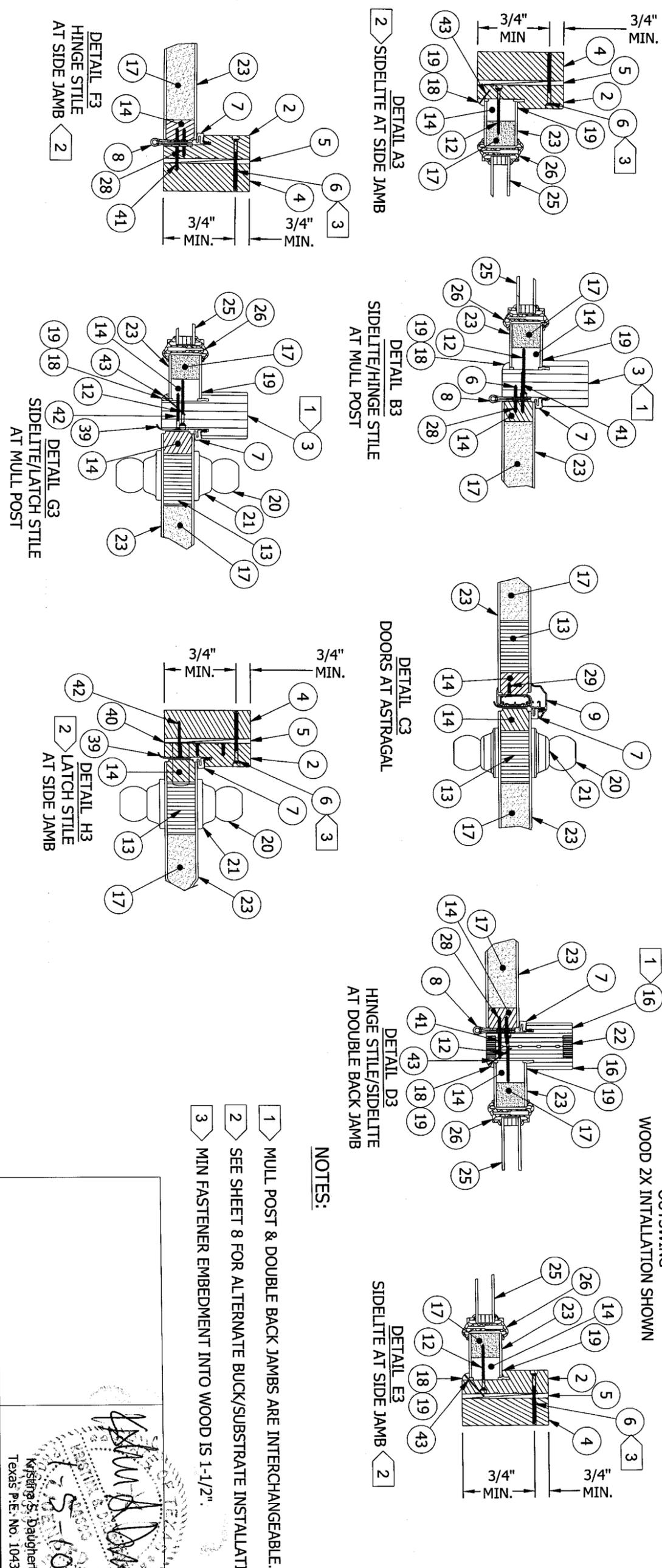
DATE: 10/21/2009
SCALE: NO SCALE
DWG. BY: W. DAVIS
CHK. BY: D. DWYER
DRAWING NO.: JW112009
SHEET 2 OF 13

[Signature]
Katherine S. Daugherty
Texas P.E. No. 104390

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EXTERIOR

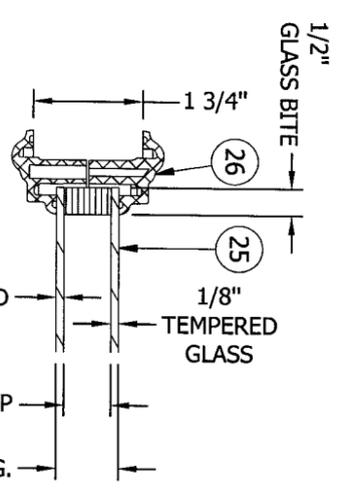
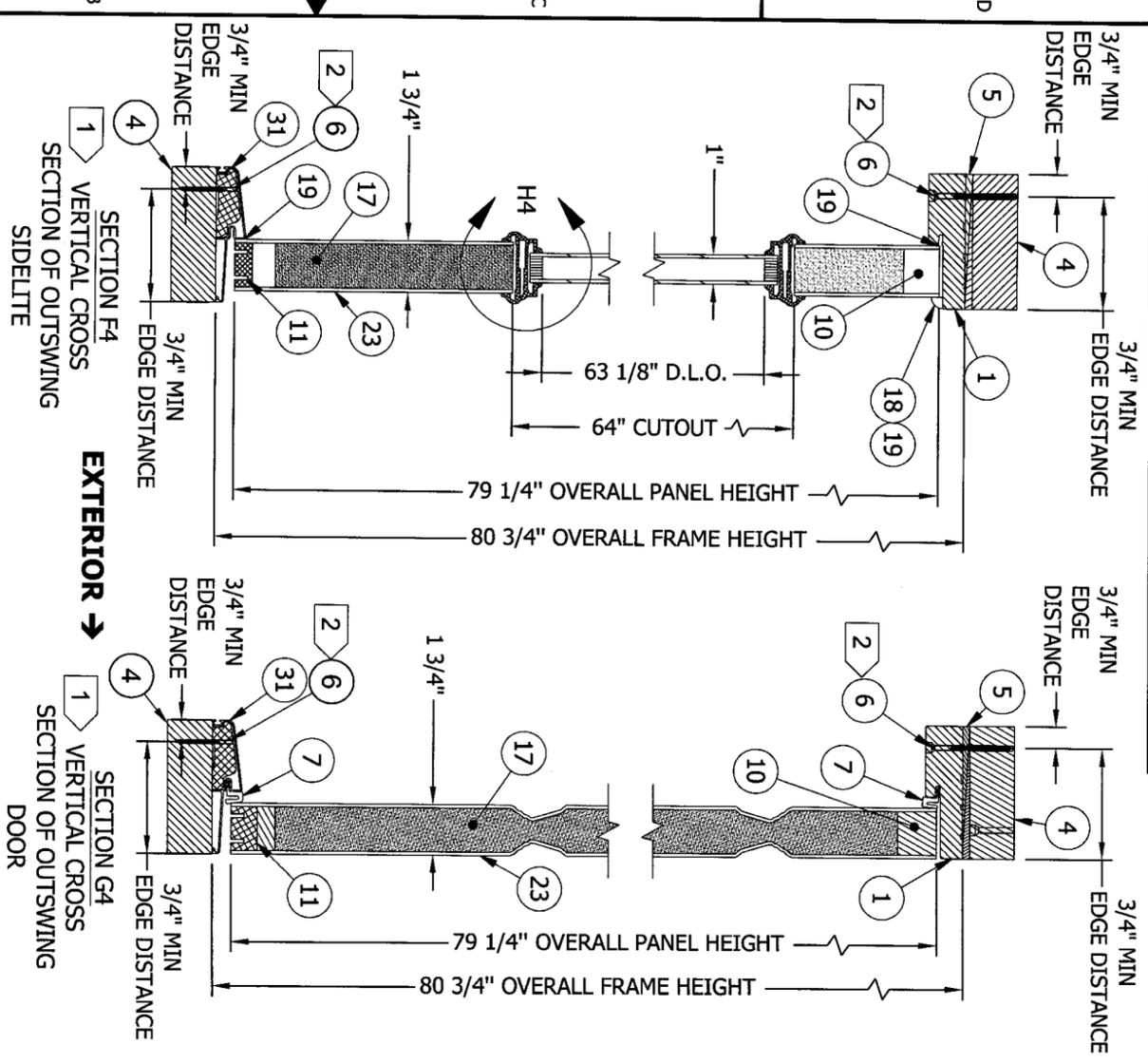


- NOTES:**
- 1 MULL POST & DOUBLE BACK JAMBS ARE INTERCHANGEABLE.
 - 2 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
 - 3 MIN FASTENER EMBEDMENT INTO WOOD IS 1-1/2\".

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<p>DATE: 10/21/2009</p>		<p>PART OR ASSEMBLY: OUTSWING HORIZONTAL CROSS SECTIONS</p>	
<p>SCALE: NO SCALE</p>		<p>BY: _____</p>	
<p>DWG. BY: W. DAVIS</p>		<p>NO. _____ DATE _____</p>	
<p>CHK. BY: D. DWYER</p>		<p>REVISIONS</p>	
<p>DRAWING NO.: JW112009</p>		<p>SHEET 3 OF 13</p>	

W. Davis
 W. Davis
 Klamath Falls, Oregon
 Texas P.E. No. 104390

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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	SOLID 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 13 GA (.089) MIN	STEEL
9	ENDURA ULTIMATE HURICANE ASTRAGAL	6063-T6 ALUMINUM
10	TOP RAIL (1-1/2" X 1-5/16" FINGERJOINTED PINE)	WOOD
11	BOTTOM RAIL (1-1/2" X 5/8" FINGERJOINTED PINE CAPPED WITH 1-1/2" X 7/8" PVC)	WOOD/PVC
12	#8 X 2-1/2" PHILLIPS HEAD WOOD SCREW	STEEL
13	FULL LENGTH INTERNAL (LATCH SIDE) STILE (1.490" X 2.813" X 76.563")	LAMINATED VENEER LUMBER(LVL)
14	LATCH/HINGE STILE	WOOD
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	3/8" QUARTER ROUND SCOTIA	WOOD
19	SILICONE 1199 DOW	SILICONE
20	KWIKSET LOCK, SERIES 400	STEEL
21	KWIKSET DEADBOLT, SERIES 780	STEEL
22	CORRUGATED NAILS, 1/2" X 1-1/16"	STEEL
23	COMPOSITE DOOR SKIN, .120 THICK	FIBERGLASS/WOOD
24	NOT USED	STEEL
25	1" INSULATED TEMPERED GLASS	GLASS
26	ODL LIP LITE FRAME #686-BKWD	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 WOODSCREW	STEEL
30	DOOR SWEEP	VINYL
31	ENDURA MODEL FOB4566AME OUTSWING SILL	ALUMINUM/COMPOSITE PLASTIC
32	ENDURA MODEL ZAILAA45MWF INSWING SILL	ALUMINUM/COMPOSITE PLASTIC
33	AFCO MODEL A-276 INSWING SILL	ALUMINUM/COMPOSITE PLASTIC
34	1X WOOD BUCK (GRADE 2 SOUTHERN YELLOW PINE)	WOOD
35	TOP ASTRAGAL STRIKE PLATE	STEEL
36	BOTTOM ASTRAGAL STRIKE PLATE (OUTSWING ONLY)	STEEL
37	BOTTOM ASTRAGAL STRIKE PLATE (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 2" PHILLIPS HEAD WOOD SCREW	STEEL
43	1-1/2" BRAD	STEEL

NOTES:

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

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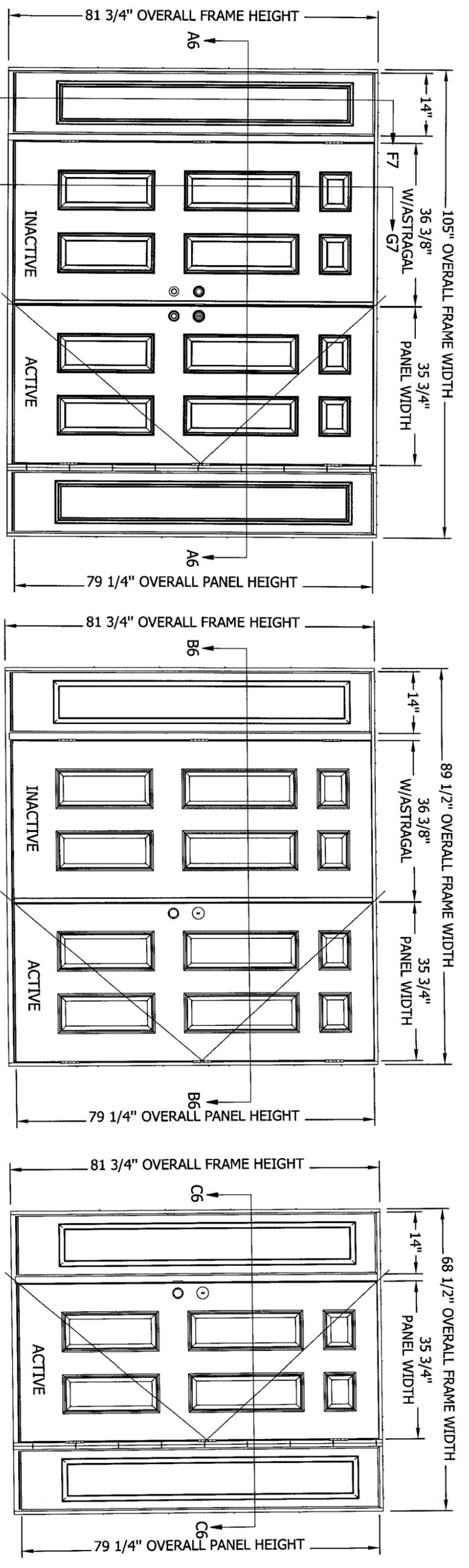
PRODUCT:
 DOOR CONSTRUCTION DRAWING SERIES,
 FIBERLAST
 PART OR ASSEMBLY:
 PARTS LIST AND OUTSWING VERTICAL
 CROSS SECTIONS

NO.	DATE	BY

DATE: 10/21/2009
 SCALE: NO SCALE
 DWG. BY: W. DAVIS
 CHK. BY: D. DWYER
 DRAWING NO.: JW112009
 SHEET 4 OF 13

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

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2 1 INSWING NON-IMPACT
2X WOOD BUCK SHOWN

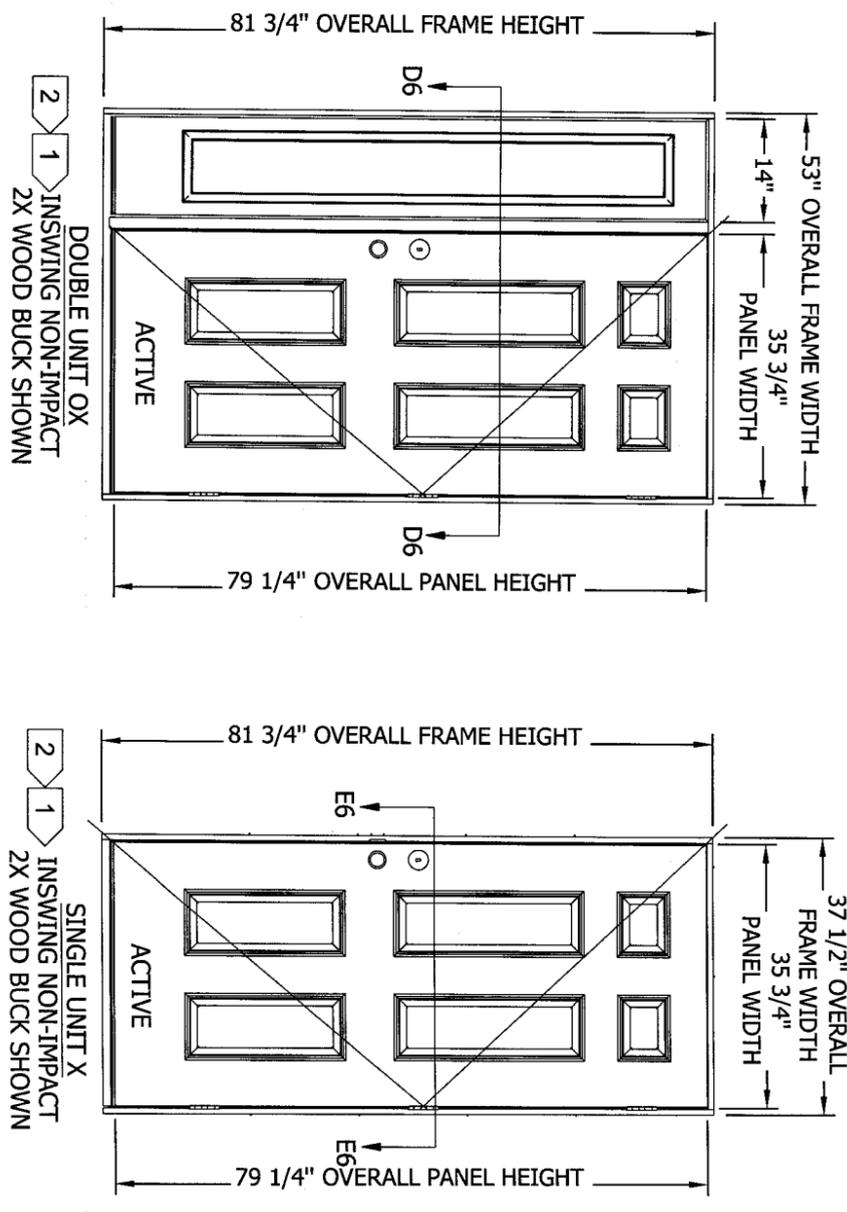
QUAD UNIT OXXX

2 1 INSWING NON-IMPACT
2X WOOD BUCK SHOWN

TRI UNIT OXX

2 1 INSWING NON-IMPACT
2X WOOD BUCK SHOWN

TRI UNIT OXO



2 1 INSWING NON-IMPACT
2X WOOD BUCK SHOWN

DOUBLE UNIT OX

2 1 INSWING NON-IMPACT
2X WOOD BUCK SHOWN

SINGLE UNIT X

NOTES:

- 1 ALL INSWING VIEWS ARE FROM INTERIOR.
- 2 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.

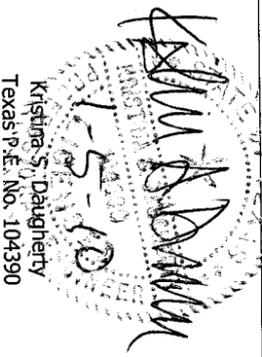
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PRODUCT:
 DOOR CONSTRUCTION DRAWING SERIES,
 FIBERLAST

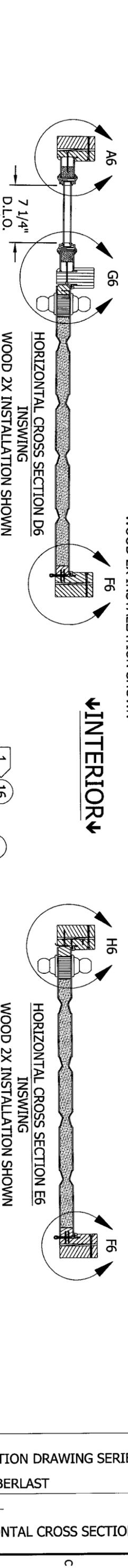
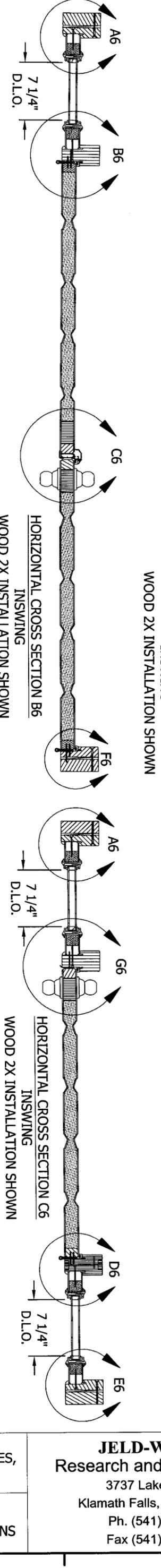
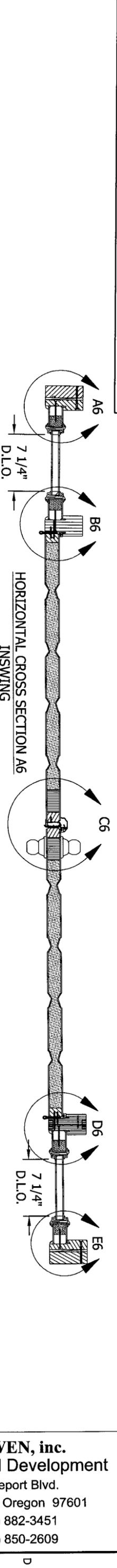
PART OR ASSEMBLY:
 INSWING DOOR ELEVATIONS

NO.	DATE	REVISIONS	BY

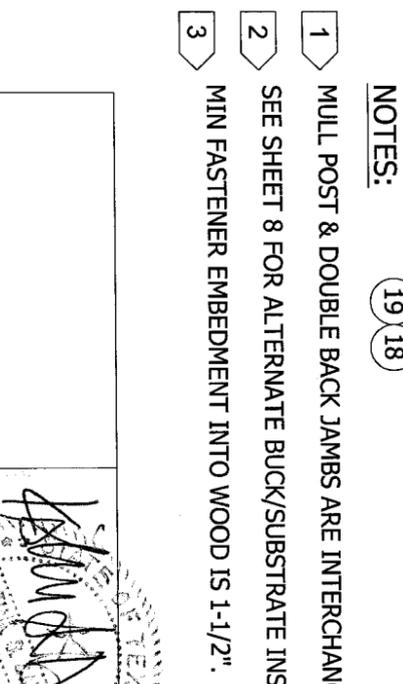
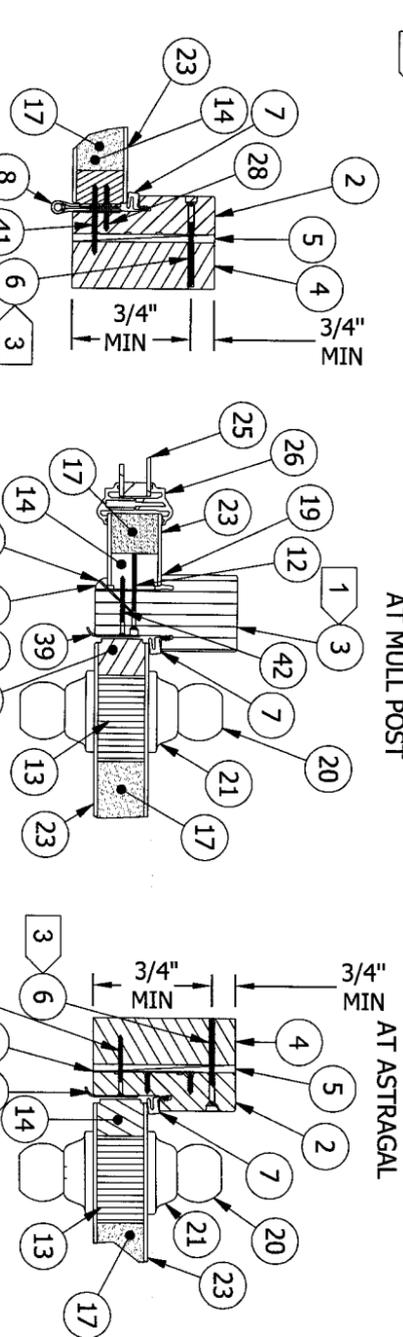
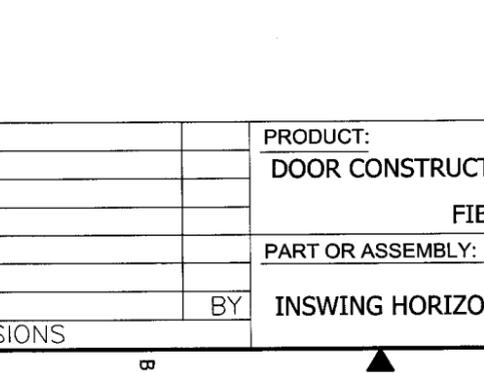
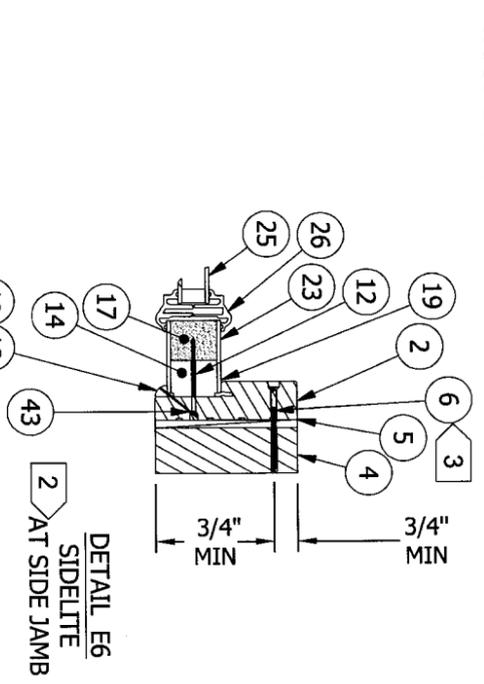
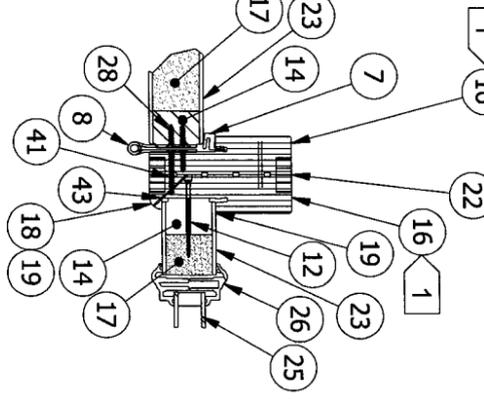
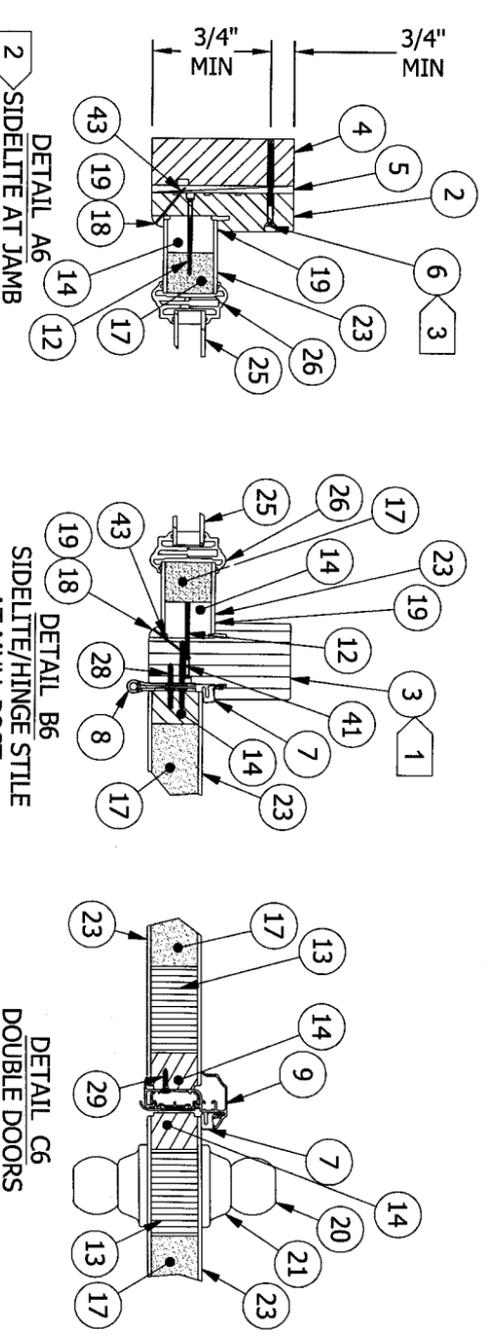
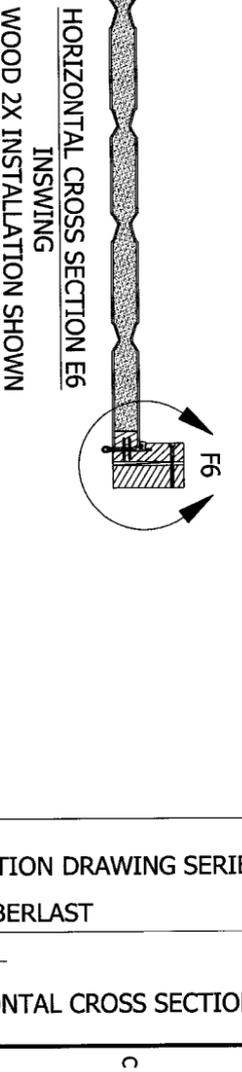
DATE: 10/21/2009
 SCALE: NO SCALE
 DWG. BY: W. DAVIS
 CHK. BY: D. DWYER
 DRAWING NO.: JW112009
 SHEET 5 OF 13



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INTERIOR



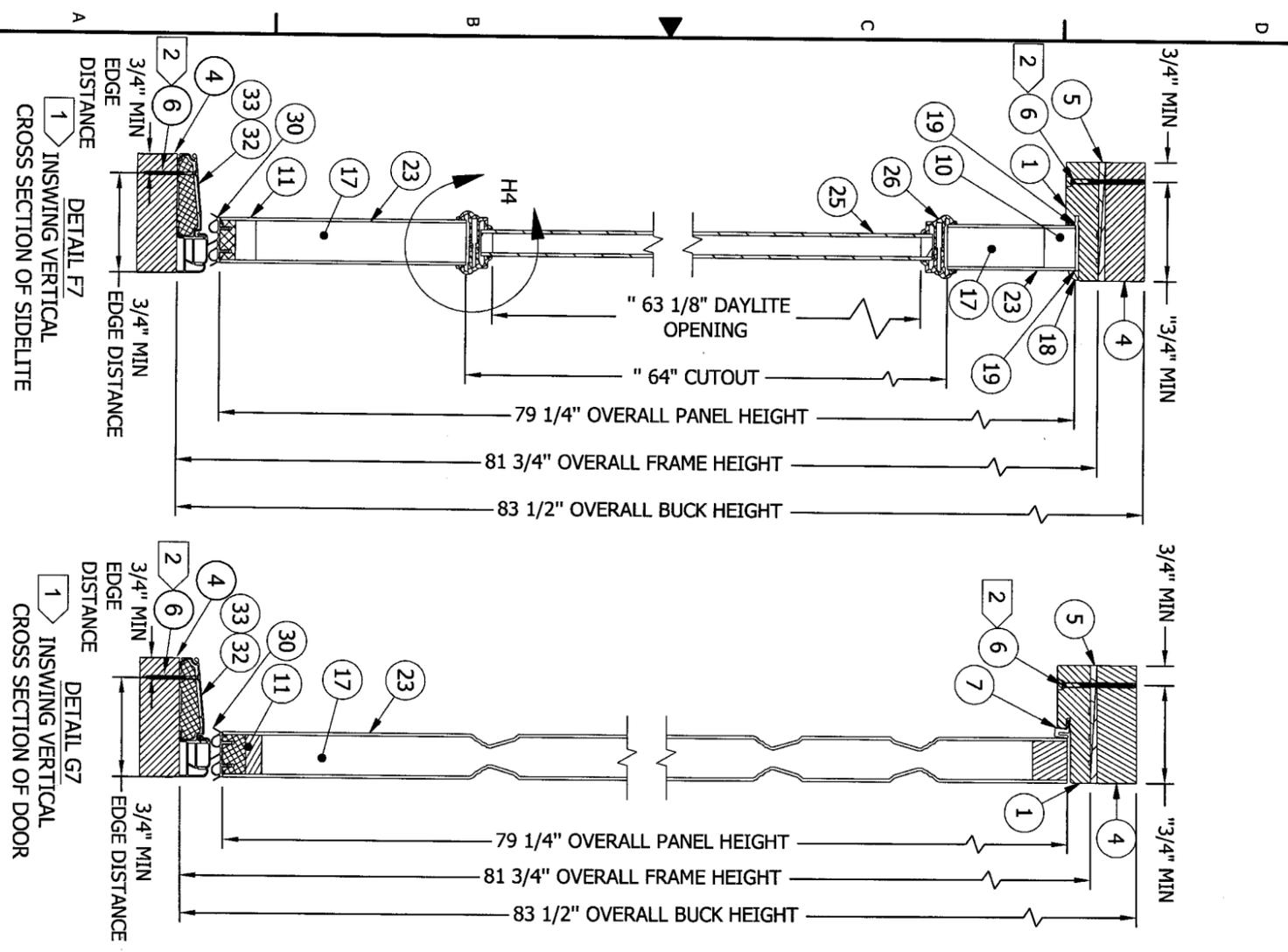
- NOTES:
- 1 MULL POST & DOUBLE BACK JAMBS ARE INTERCHANGEABLE.
 - 2 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.
 - 3 MIN FASTENER EMBEDMENT INTO WOOD IS 1-1/2".

DATE: 10/21/2009
 SCALE: NO SCALE
 DWG. BY: W. DAVIS
 CHK. BY: D. DWYER
 DRAWING NO.: JW112009
 SHEET 6 OF 13

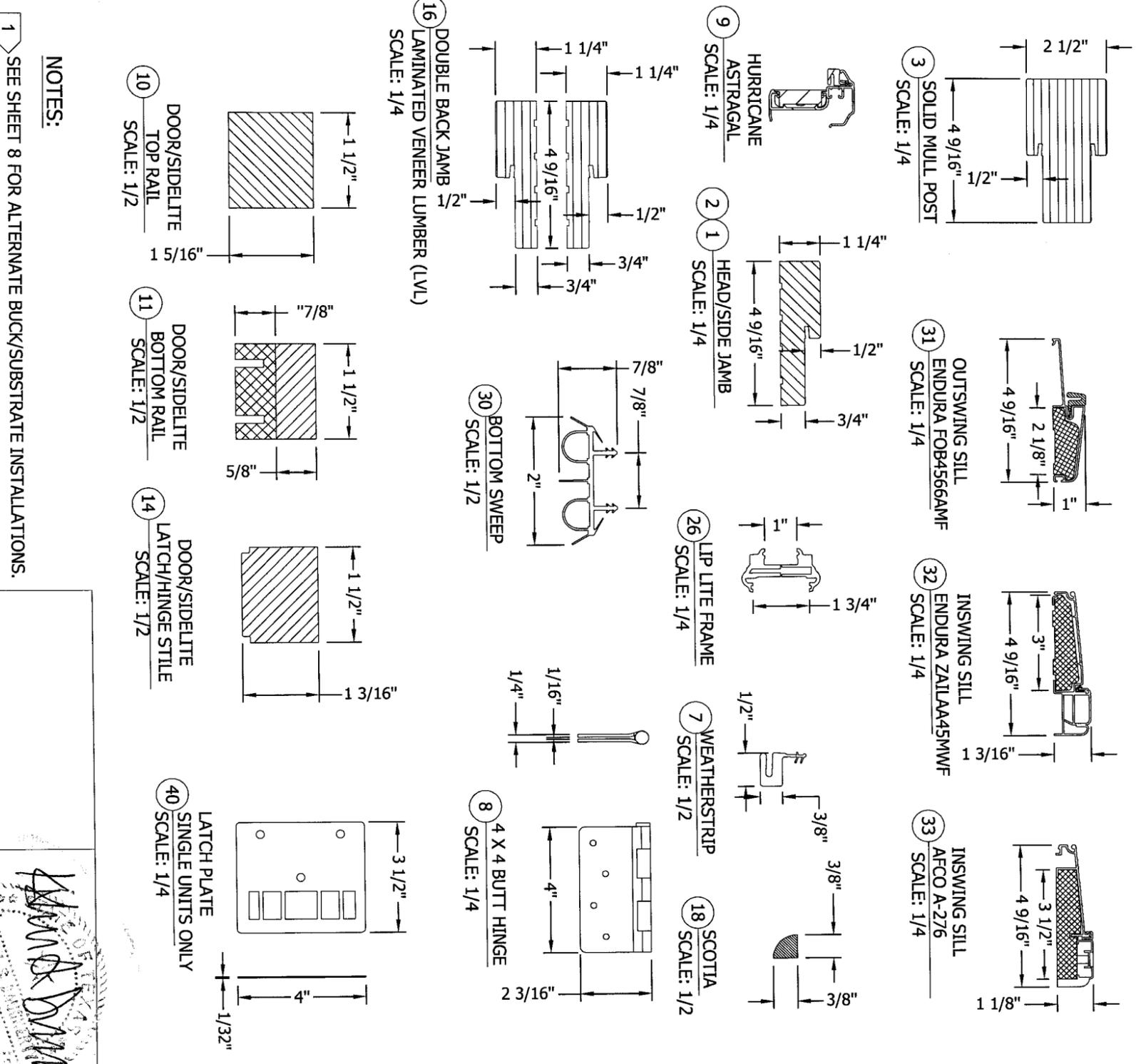
PRODUCT: DOOR CONSTRUCTION DRAWING SERIES, FIBERLAST
 PART OR ASSEMBLY: INSWING HORIZONTAL CROSS SECTIONS

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INTERIOR



NOTES:

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

Handwritten signature and stamp:
 Kristina S. Dwyer
 Texas P.E. No. 104390

DATE: 10/21/2009		PRODUCT: DOOR CONSTRUCTION DRAWING SERIES, FIBERLAST		JELD-WEN, inc. Research and Development 3737 Lakeport Blvd. Klamath Falls, Oregon 97601 Ph. (541) 882-3451 Fax (541) 850-2609
SCALE: NO SCALE		PART OR ASSEMBLY: INSWING VERTICAL CROSS SECTIONS & COMPONENT DRAWINGS		
DWG. BY: W. DAVIS		BY:		
CHK. BY: D. DWYER		NO. DATE REVISIONS		
DRAWING NO.: JW112009		SHEET 7 OF 13		

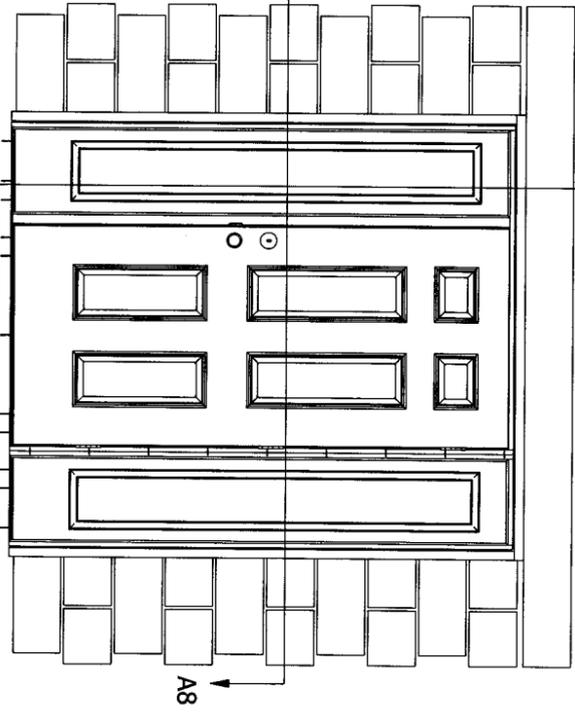
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SECTION A8



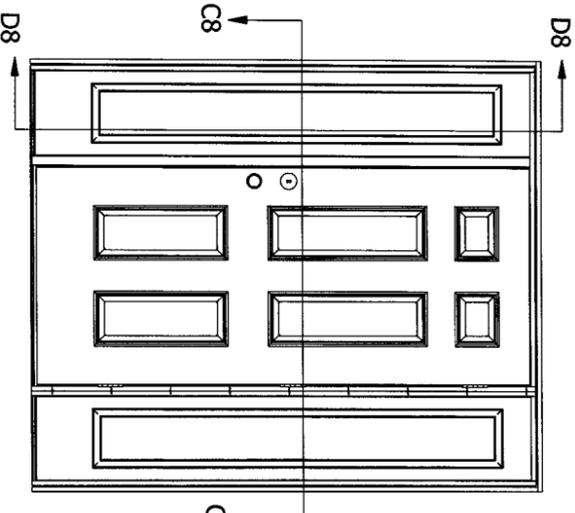
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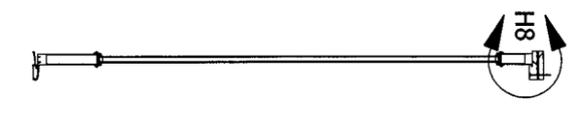
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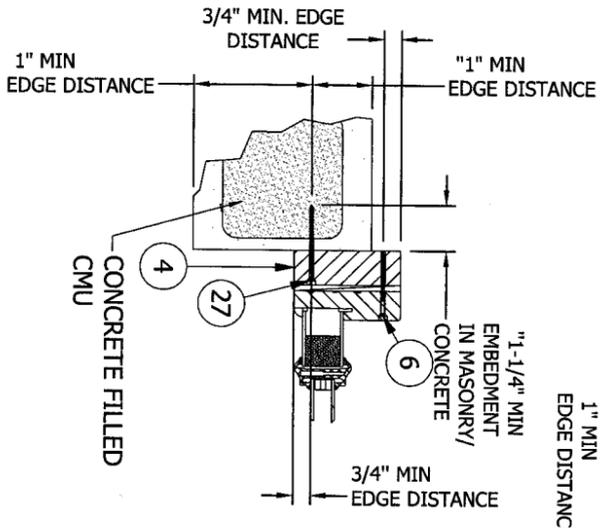
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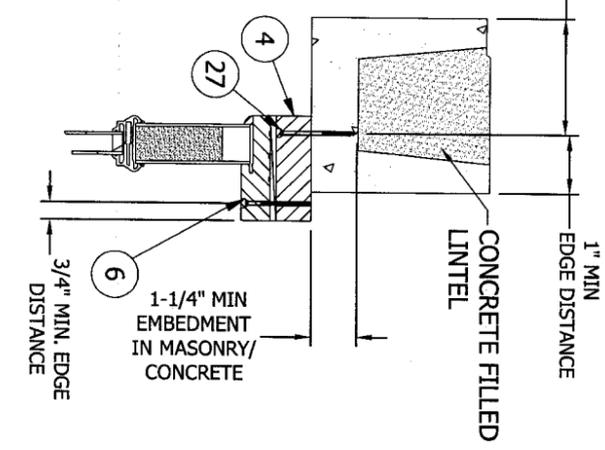
TYP. 1X WOOD ANCHOR INSTALLATION



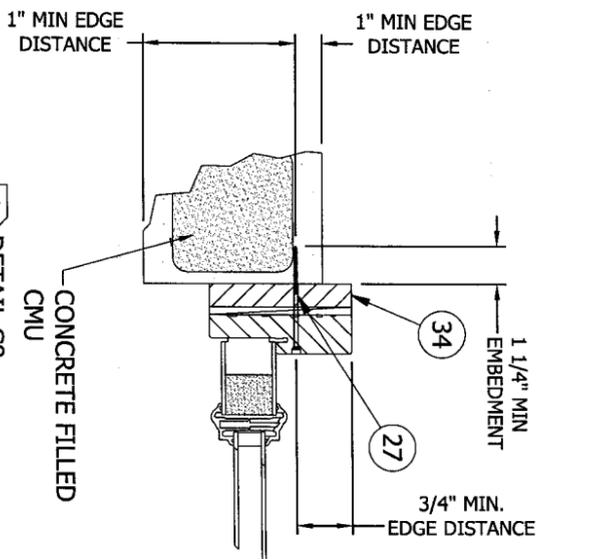
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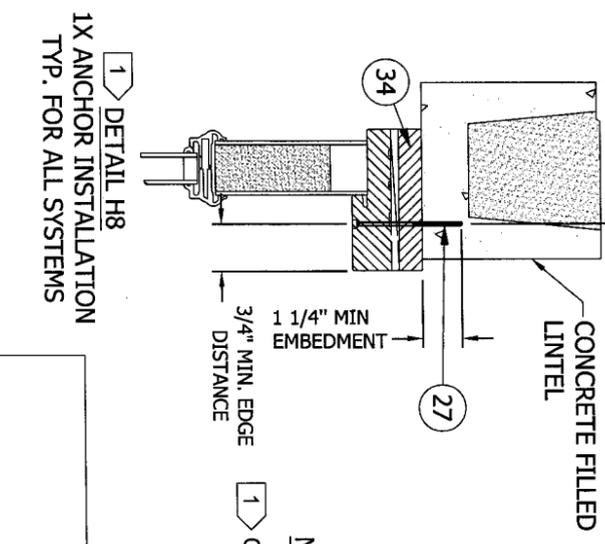
1 DETAIL E8
MASONRY/CONCRETE ANCHOR INSTALLATION
TYP. FOR ALL SYSTEMS



1 DETAIL F8
MASONRY/CONCRETE ANCHOR INSTALLATION
TYP. FOR ALL SYSTEMS



1 DETAIL G8
1X ANCHOR INSTALLATION
TYP. FOR ALL SYSTEMS



1 DETAIL H8
1X ANCHOR INSTALLATION
TYP. FOR ALL SYSTEMS

NOTE(S):

1 OPTIONAL IN NARROW SECTION OF FRAME

NO.	DATE	BY	REVISIONS

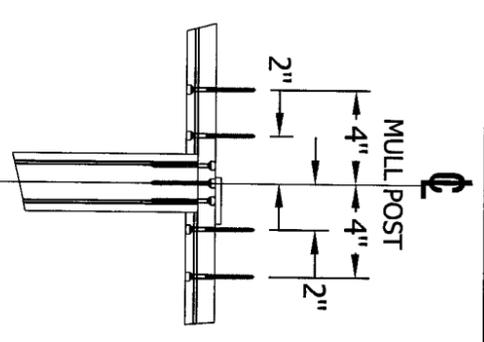
PRODUCT:
DOOR CONSTRUCTION DRAWING SERIES,
FIBERLAST
PART OR ASSEMBLY:
ALTERNATE ANCHORING METHODS

JELD-WEN, inc.
Research and Development
3737 Lakeport Blvd.
Klamath Falls, Oregon 97601
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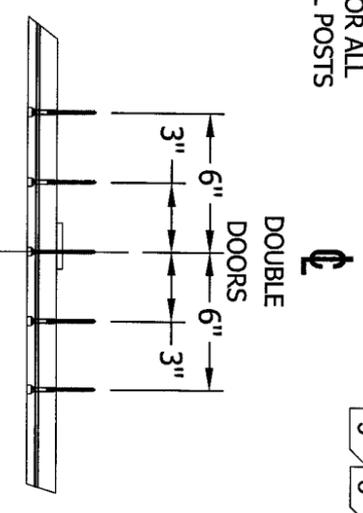
DATE: 10/21/2009
SCALE: NO SCALE
DWG. BY: W. DAVIS
CHK. BY: D. DWYER
DRAWING NO.: JW112009
SHEET 8 OF 13

[Signature]
Kristina S. Datigherty
Texas P.E. No. 104390

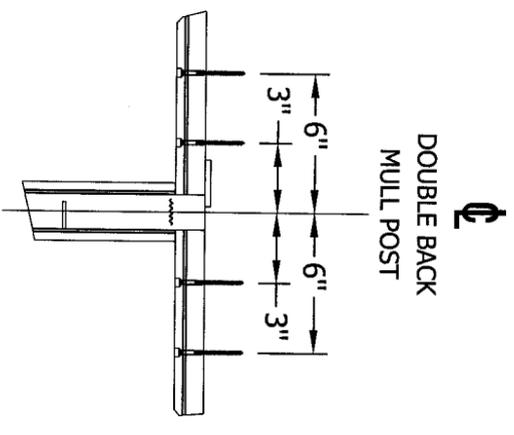
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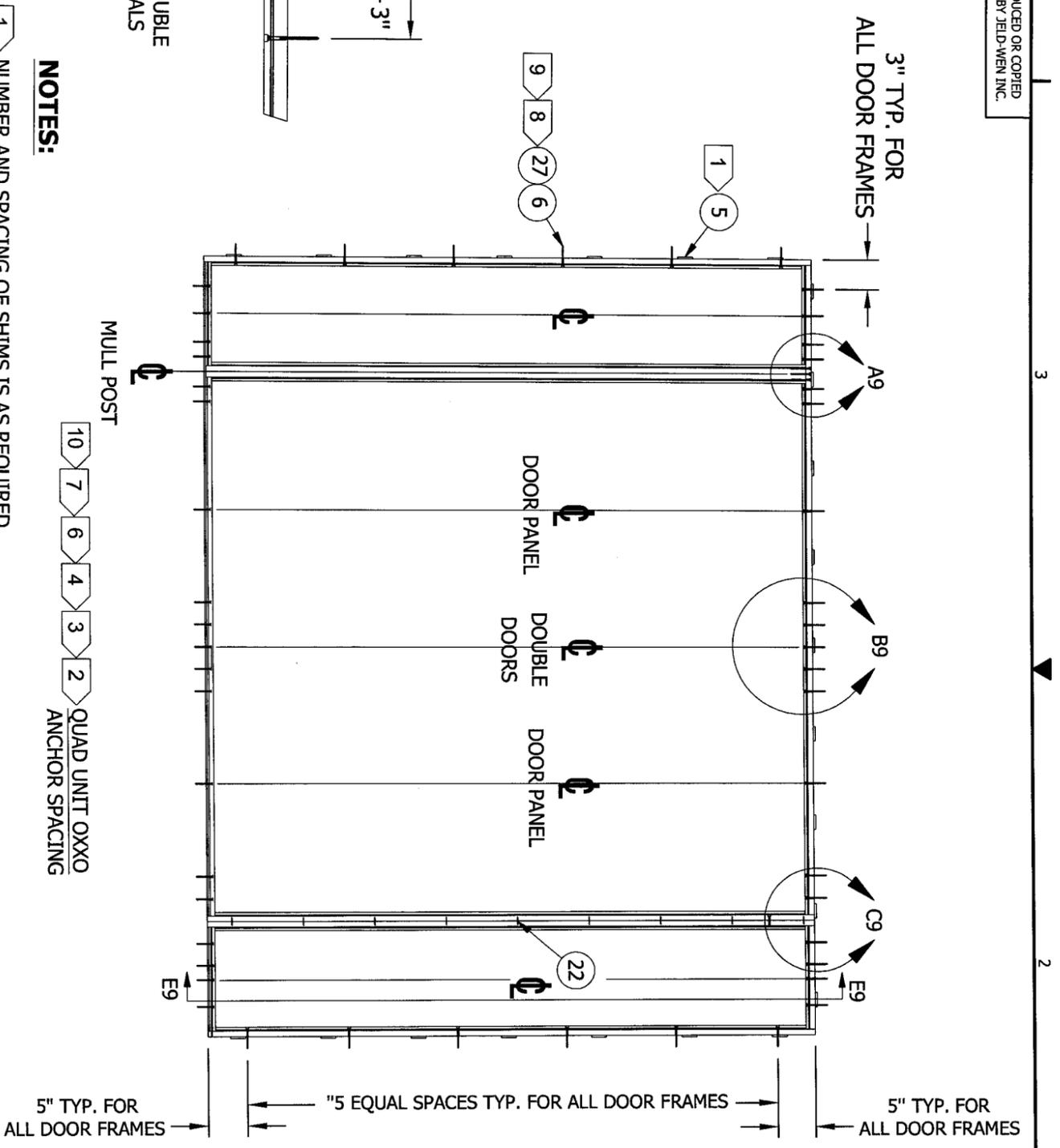
6 DETAIL A9
TYP. FASTENER
ANCHOR FOR ALL
SOLID MULL POSTS



6 DETAIL B9
TYP. FASTENER
ANCHOR FOR ALL DOUBLE
DOORS W/ ASTRAGALS



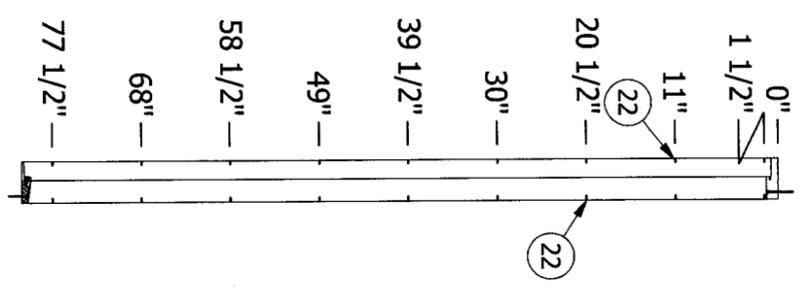
6 DETAIL C9
TYP. FASTENER
ANCHOR FOR ALL
DOUBLE BACK MULL POSTS



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"
- 10 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD AND JAMB AS LONG AS MINIMUM EMBEDMENT CAN BE MET.

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



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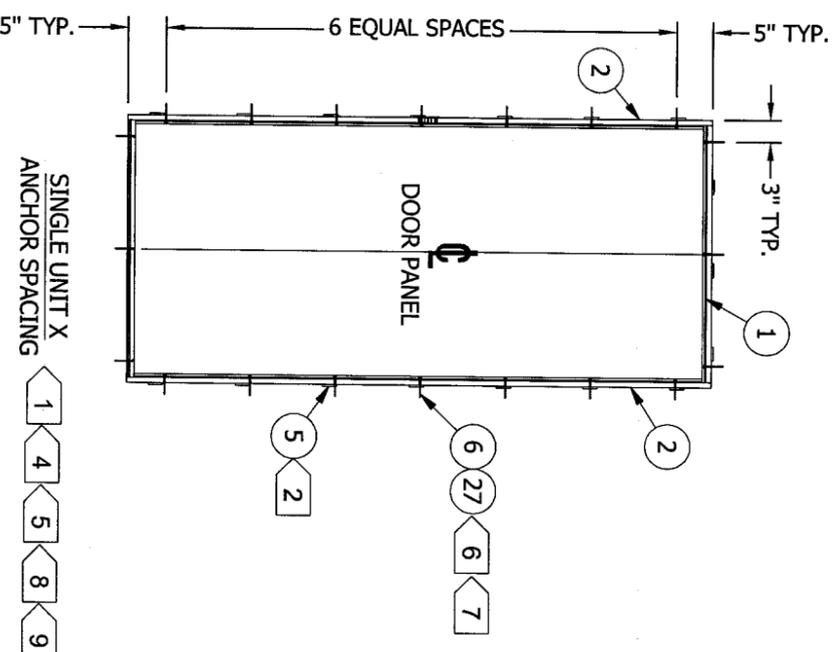
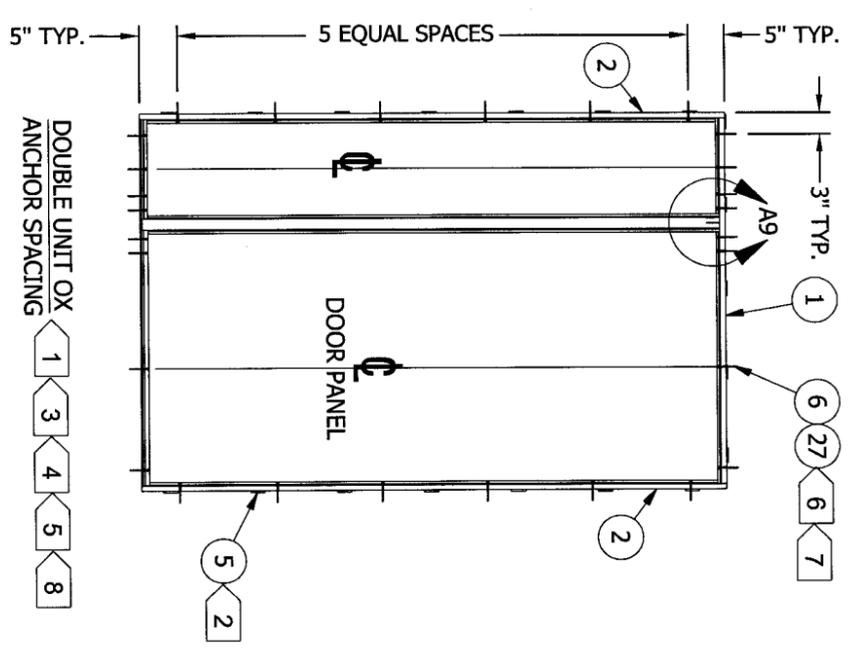
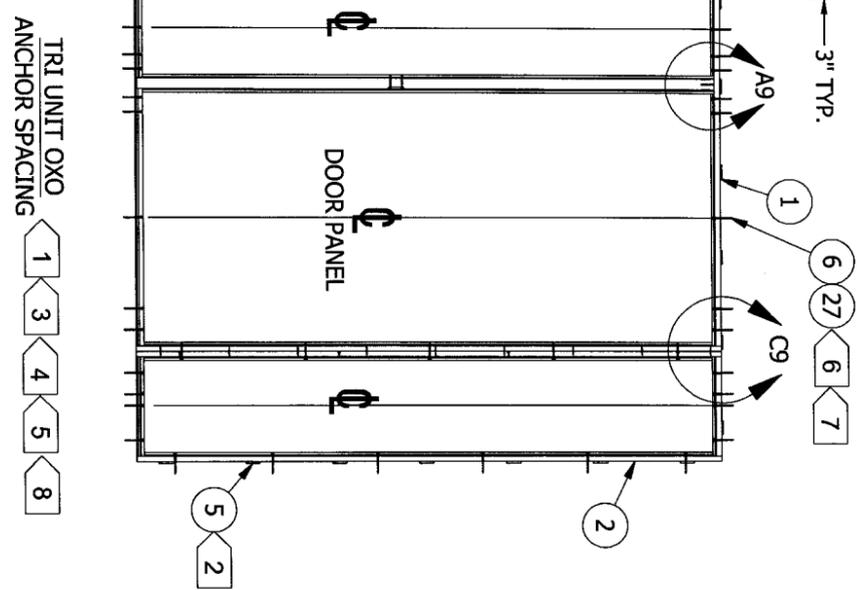
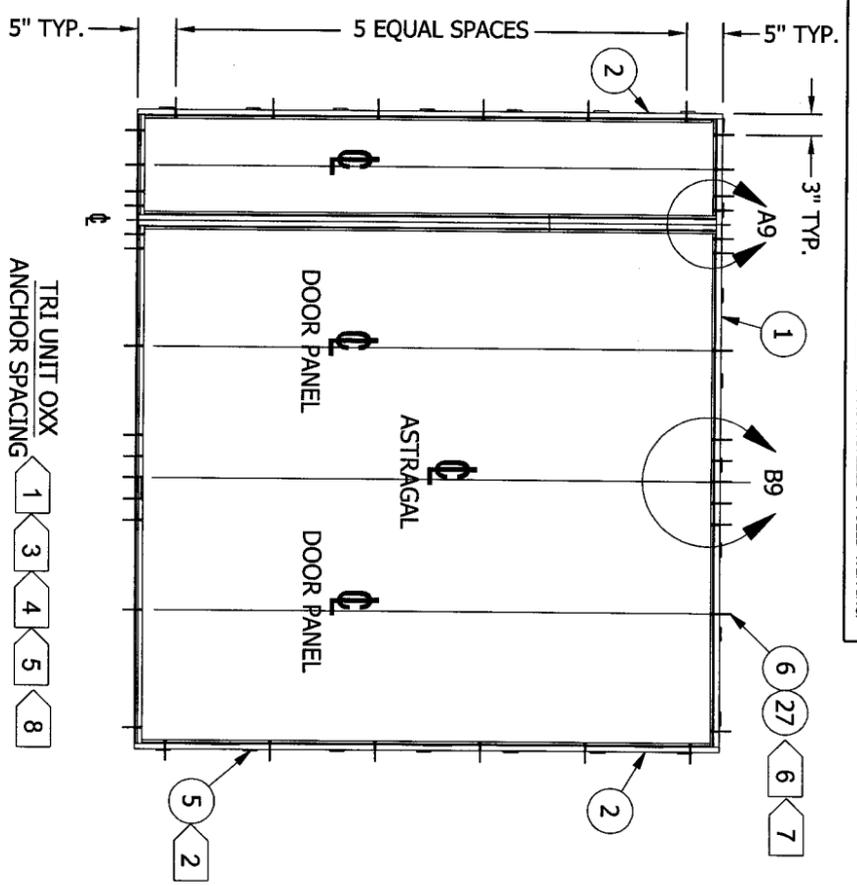
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PART OR ASSEMBLY:
INSWING VERTICAL CROSS SECTIONS &
COMPONENT DRAWINGS

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DATE: 10/21/2009
SCALE: NO SCALE
DWG. BY: W. DAVIS
CHK. BY: D. DWYER
DRAWING NO.: JW112009
SHEET 9 OF 13

[Signature]
Kristina S. Gaughery
Texas P. E. No. 304390

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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 80-85 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 80-85 PSF SINGLE DOOR ONLY. SEE SPACING AND ANCHOR DETAILS.

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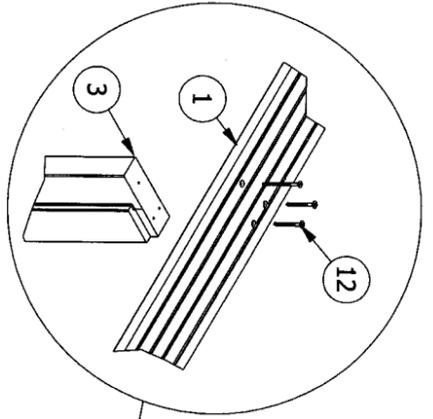
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Research and Development
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Klamath Falls, Oregon 97601
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NO.	DATE	REVISIONS	BY

DATE: 10/21/2009
SCALE: NO SCALE
DWG. BY: W. DAVIS
CHK. BY: D. DWYER
DRAWING NO.: JW112009
SHEET 10 OF 13

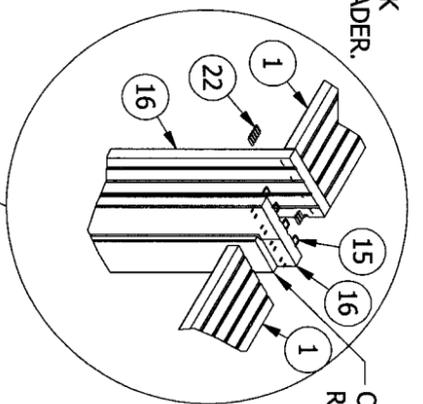
[Signature]
Krishna S. Daugherty
Texas P.E. No. 104390

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

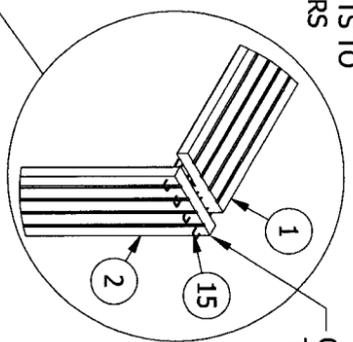
DETAIL C11
ATTACHMENT OF DOUBLE BACK
MULL POSTS (JAMB STOCK) TO HEADER.



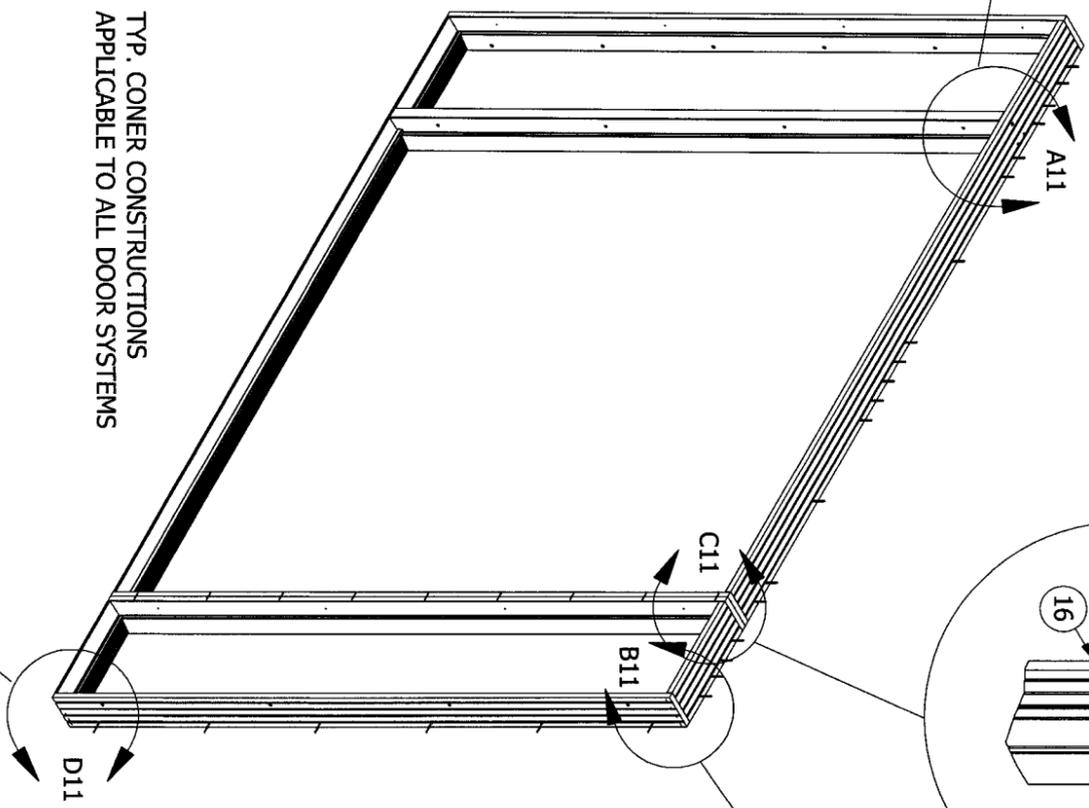
COPE MULL POSTS TO
RECEIVE HEADERS

COPE SIDE JAMBS
TO RECEIVE HEADERS

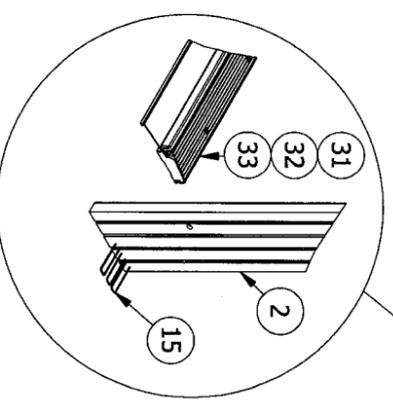
DETAIL B11
TYP. HEADER/JAMB
CORNER ASSEMBLY



TYP. CONER CONSTRUCTIONS
APPLICABLE TO ALL DOOR SYSTEMS



DETAIL D11
TYP. SILL/JAMB
CORNER ASSEMBLY



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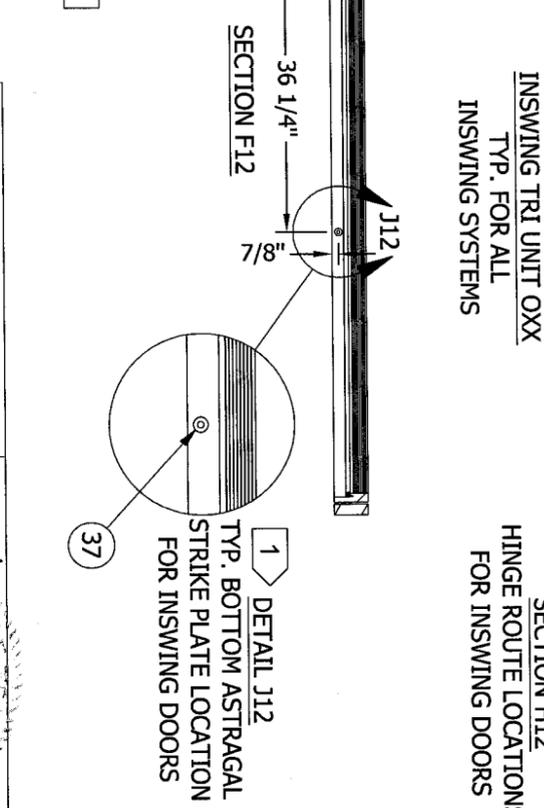
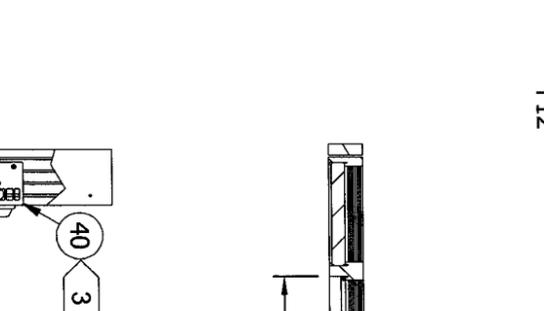
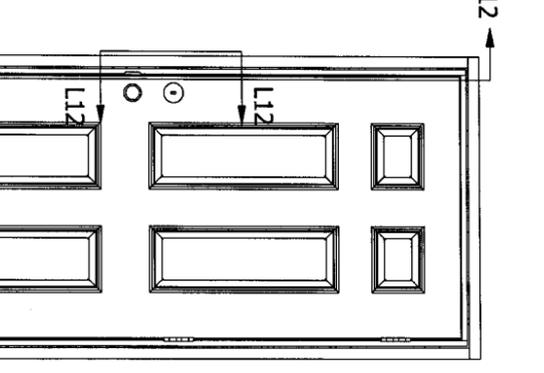
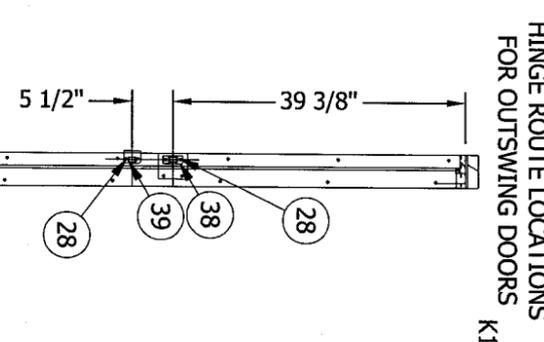
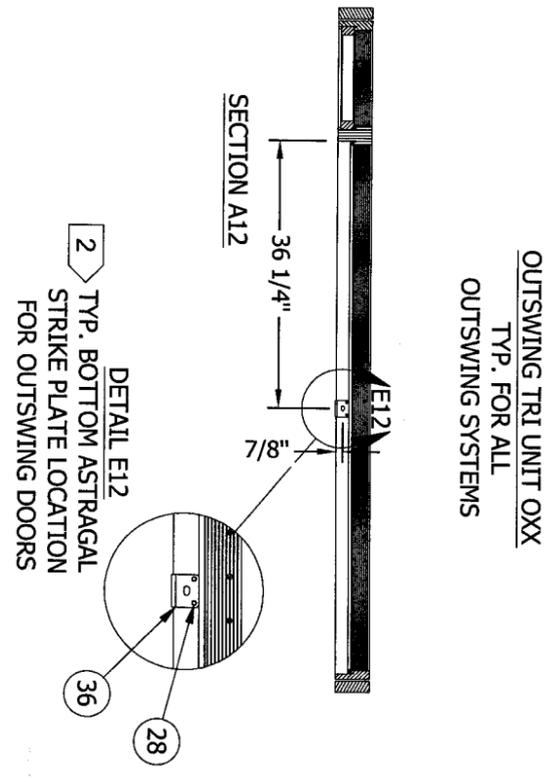
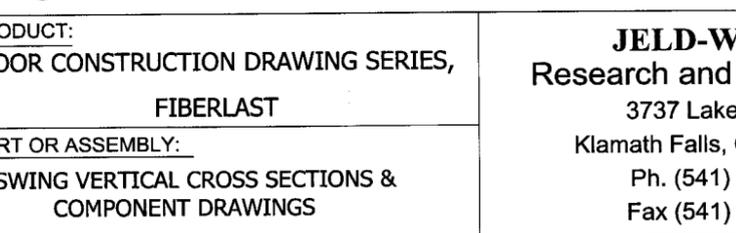
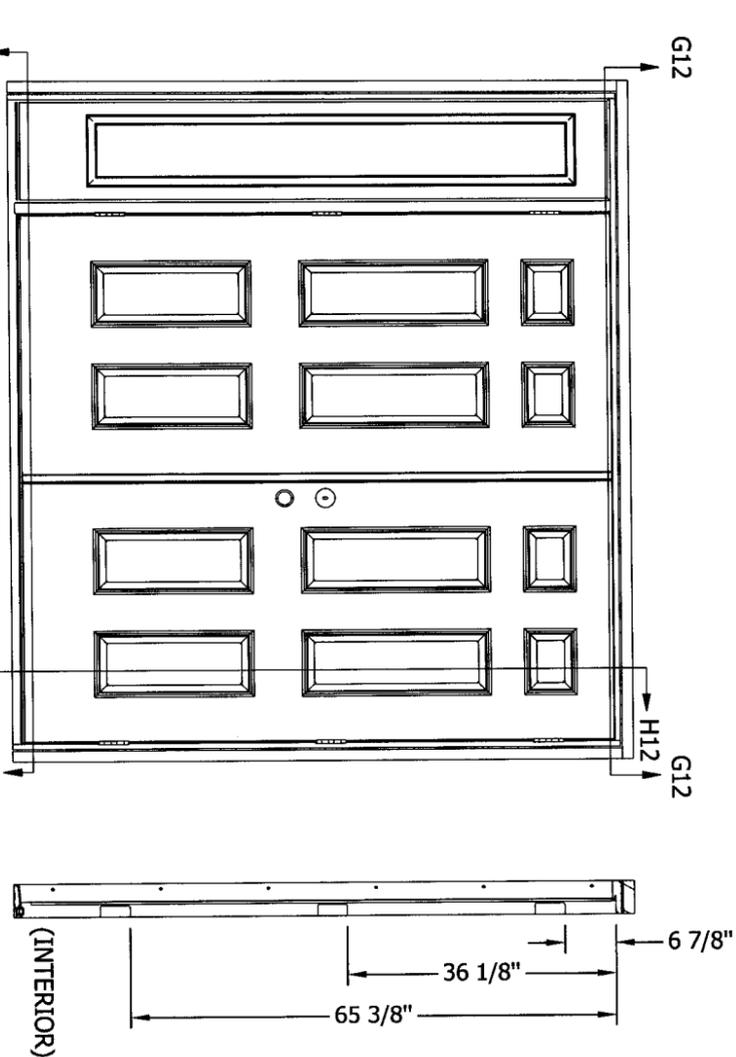
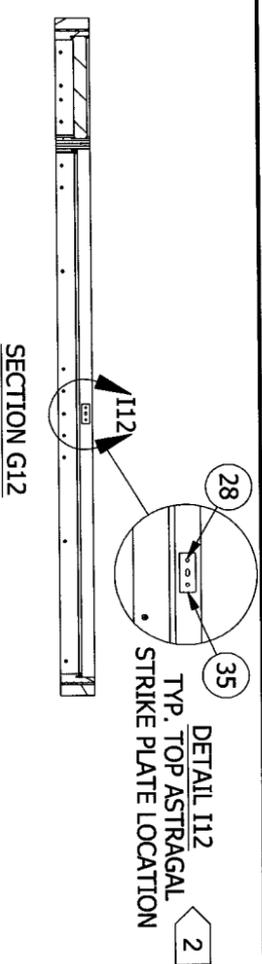
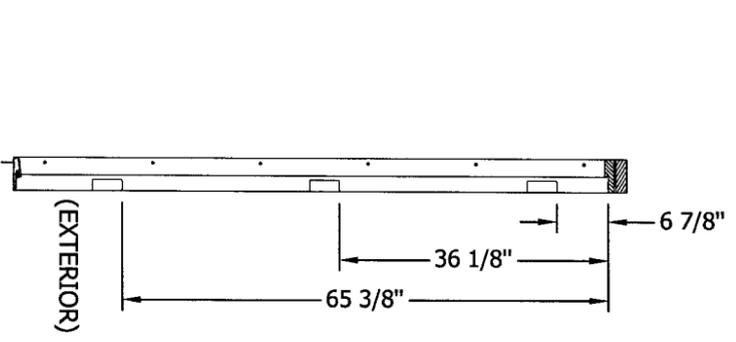
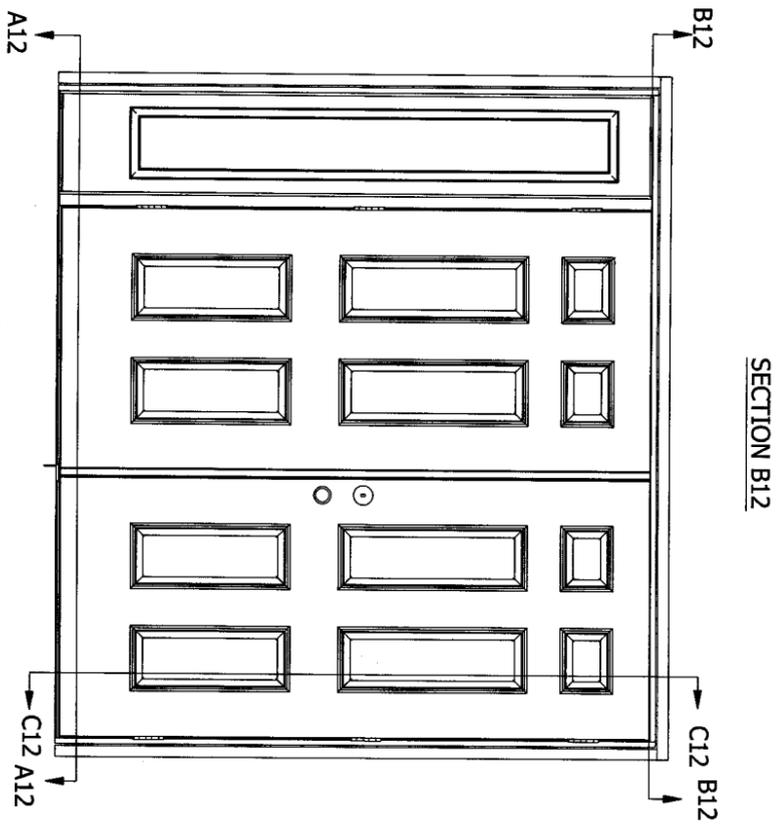
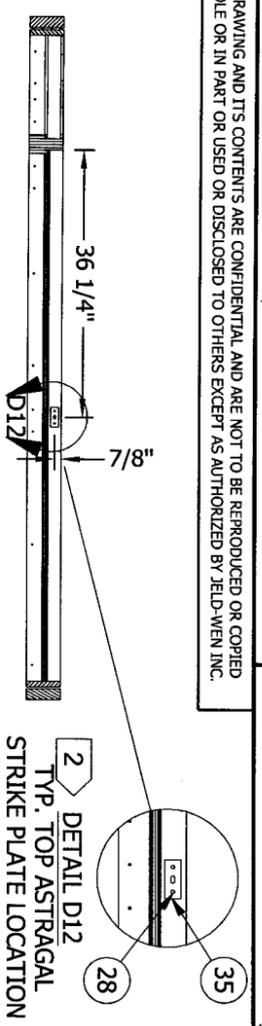
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COMPONENT DRAWINGS

NO.	DATE	BY	REVISIONS

DATE: 10/21/2009
SCALE: NO SCALE
DWG. BY: W. DAVIS
CHK. BY: D. DWYER
DRAWING NO.: JW112009
SHEET 11 OF 13

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

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NOTES:

- 1 DRILL 5/8" HOLE MIN 1-3/8" DP FOR LOWER RETAINER.
- 2 DRILL 3/8" HOLE MIN 1-3/8" DP FOR UPPER AND LOWER RETAINER.
- 3 SINGLE DOOR SYSTEMS ONLY.

A B C D 1 2 3 4

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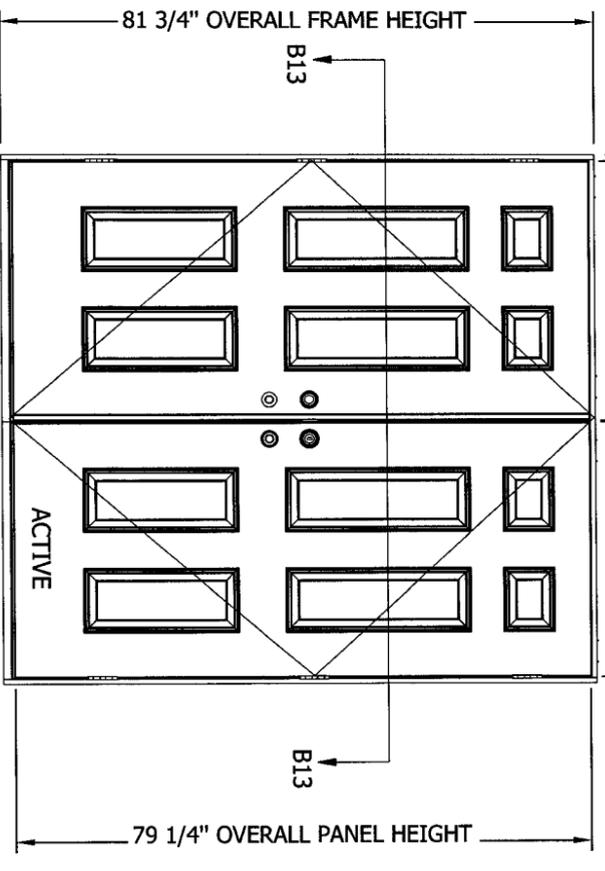
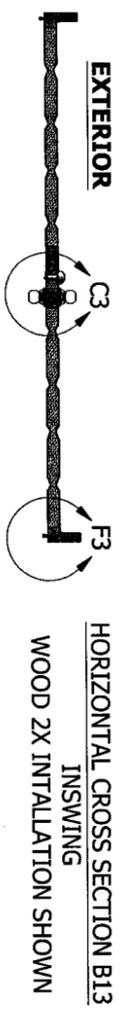
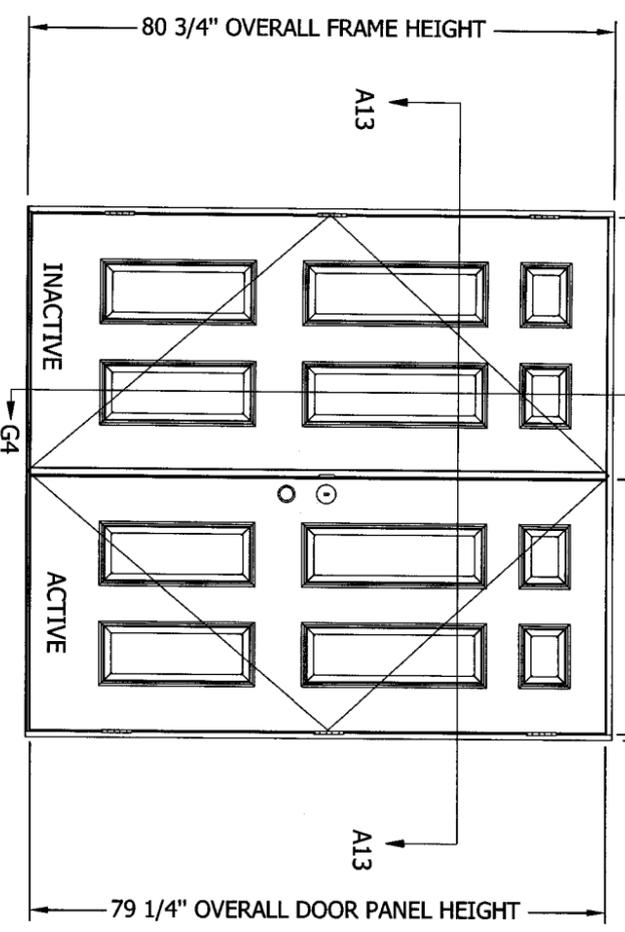
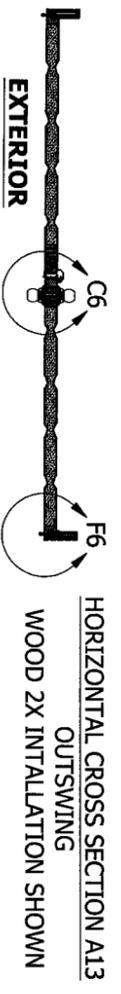
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COMPONENT DRAWINGS

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DATE: 10/21/2009
SCALE: NO SCALE
DWG. BY: W. DAVIS
CHK. BY: D. DWYER
DRAWING NO.: JW112009
SHEET 12 OF 13

W. Davis
Kristina S. Deaghtery
Texas, P.E. No. 104390

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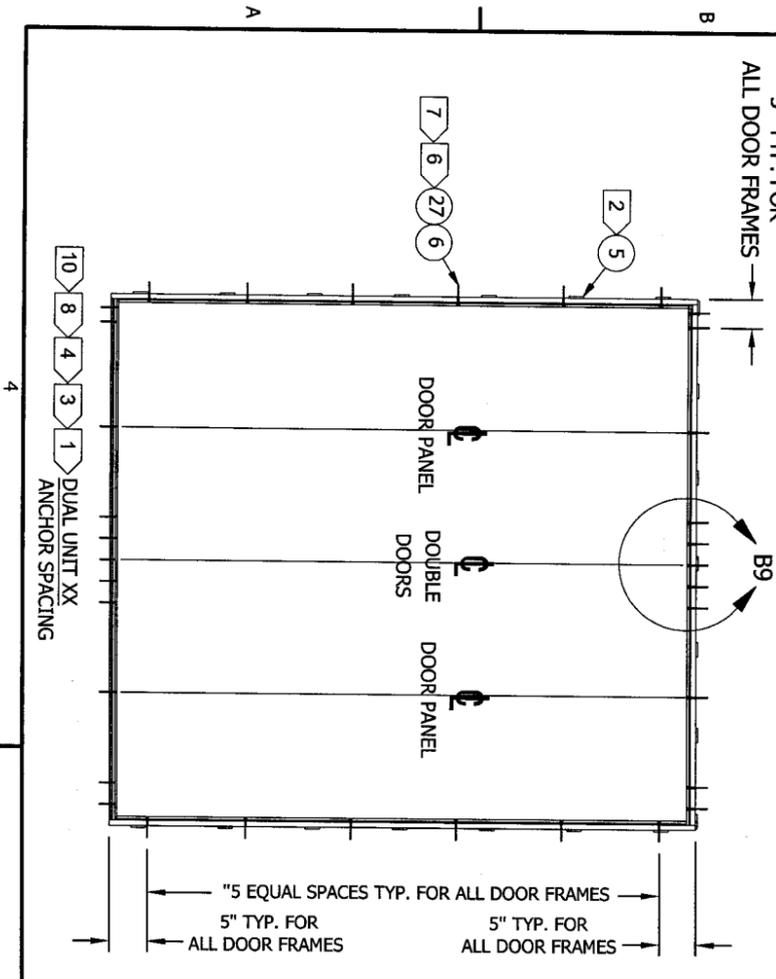


11 DUAL UNIT XX
OUTSWING NON-IMPACT
2X WOOD BUCK SHOWN

11 DUAL UNIT XX
INSWING NON-IMPACT
2X WOOD BUCK SHOWN

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.
- 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"
- 10 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD AND JAMB AS LONG AS MINIMUM EMBEDMENT CAN BE MET.
- 11 SEE SHEET 8 FOR ALTERNATE BUCK/SUBSTRATE INSTALLATIONS.



NO.	DATE	REVISIONS
A	12-08-09	ADDED SHEET 13

PRODUCT:	DOOR CONSTRUCTION DRAWING SERIES, FIBERLAST
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 Research and Development
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Kristina S. Daugherty
 Kristina S. Daugherty
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DATE: 10/21/2009
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 DWG. BY: W. DAVIS
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 SHEET 13 OF 13