

JELD-WEN DOOR INSTALLATION DETAILS
CONTOURS PREMIUM STEEL WOOD EDGE
FULL LITE NON-IMPACT INSWING
UP TO 12'-0" X 6'-8"

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH 2018 INTERNATIONAL BUILDING CODE (I.B.C.) & THE 2018 INTERNATIONAL RESIDENTIAL CODE (I.R.C.) AND THE CURRENT TEXAS DEPARTMENT OF INSURANCE (TDI), INCLUDING HVHZ AND HAS BEEN EVALUATED IN ACCORDANCE TO TAS 202-94, ASTM E330-02, E283-04, E331-00 AND AAMA 1304-02.
NOTE: ODL SMART FRAME IS HVHZ EXEMPT AND ONLY RATED FOR WINDZONE 3.

2. 1X AND 2X WOOD BUCKS BY OTHERS AND MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. BUCK MATERIAL MUST HAVE A SPECIFIC GRAVITY OF 0.55 OR GREATER.
 3. CONCRETE OR MASONRY MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE. CONCRETE MATERIAL SHALL HAVE A MINIMUM F_c OF 3000psi OR MASONRY/CMU SHALL CONFORM TO ASTM C90.

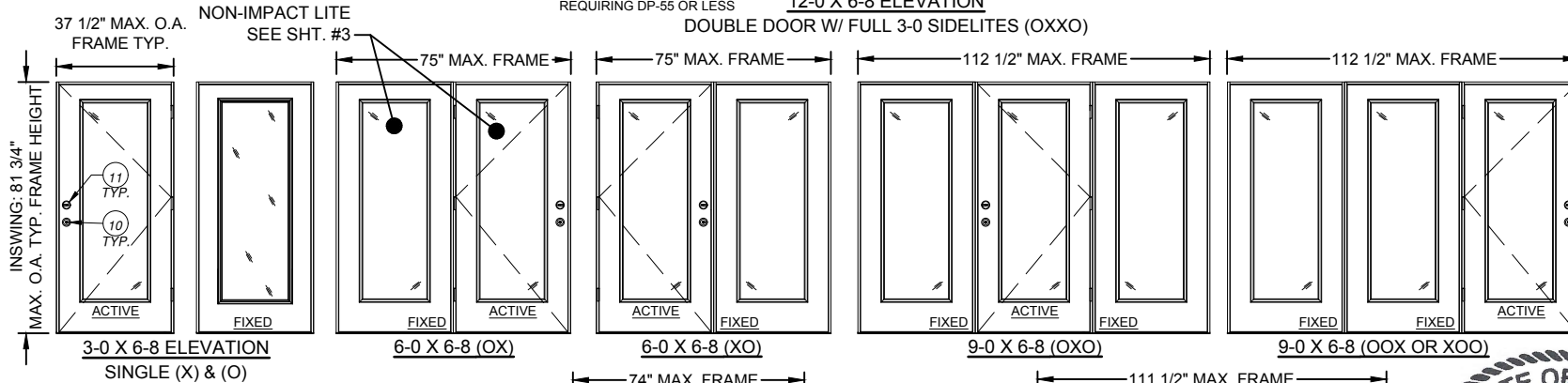
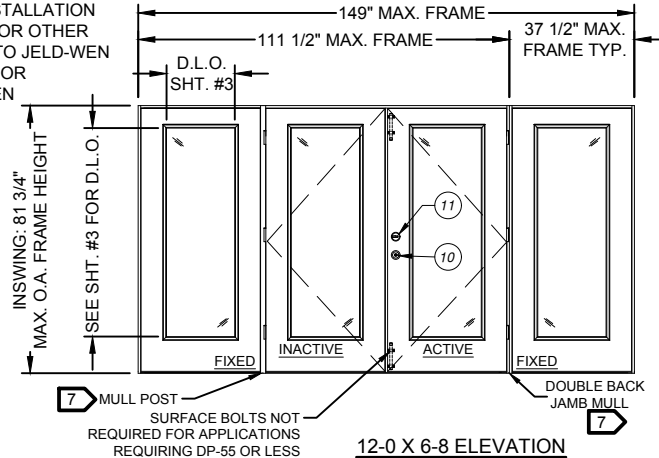
4. PRODUCT ANCHOR TYPES AND SPACING ARE SHOWN ON SHEETS 6 & 7. DIMENSIONS SHOWN FOR ANCHOR SPACING ARE ALWAYS FROM EDGE OF UNIT FRAME. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

5. THIS DOCUMENT SUPERCEDES OTHER ANCHOR INSTALLATION INSTRUCTIONS FOR NON-IMPACT RATED DOORS. FOR OTHER IMPORTANT INSTALLATION INSTRUCTIONS, REFER TO JELD-WEN DOCUMENT #J1106 (INSTALLATION INSTRUCTIONS FOR PRE-HUNG ENTRY DOORS) FOUND ON THE JELD-WEN WEBSITE: [JELD-WEN.COM/LEARN/RESOURCES/INSTALLATION & FINISHING/](http://JELD-WEN.COM/LEARN/RESOURCES/INSTALLATION&FINISHING/).

6. FLORIDA APPROVED SHUTTERS ARE NEEDED WHEN IMPACT PROTECTION IS REQUIRED.

7. INTEGRAL MULL POSTS & DOUBLE-BACK JAMBS ARE INTERCHANGEABLE. SEE SHEET 3 FOR MULLING INSTRUCTIONS.

8. ALL FASTENERS IN WOOD SHALL BE COUNTERSUNK 3/16" DEEP.
 EXAMPLE: 3/16"



NO.	DATE	REVISIONS
1	01/13/20	ADA THRESHOLD ADDED TB
		BY

SHEET #	DESCRIPTION
1	GENERAL NOTES, B.O.M. & ELEVATIONS FOR 3-0 PANELS & SIDELITES
2	ELEVATIONS FOR 3-0 PANELS AND 1-2 SIDELITES
3	INSWING BOX MULLING DETAILS
4	INSWING VERTICAL AND HORIZONTAL SECTIONS IN WOOD
5	INSWING VERT. AND HORIZ. SECTIONS IN MASONRY/CONCRETE
6	ANCHORING DETAILS
7	ANCHORING DETAILS

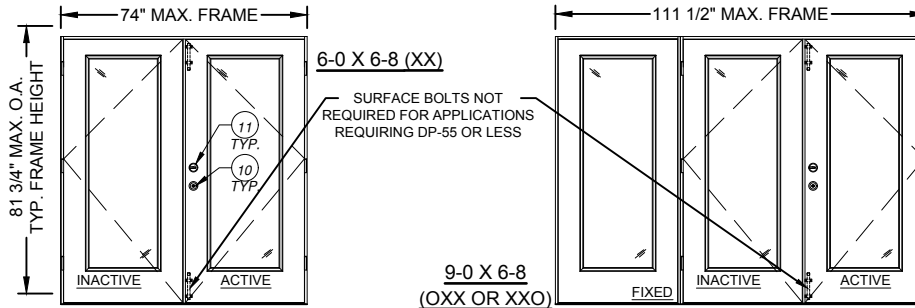
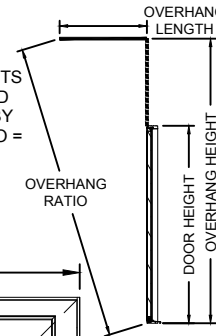


TABLE 1

DESIGN PRESSURE RATING:			
SIZE	QUALIFIES: FULL LITE NON-IMPACT ACTIVE PANELS WITH OR W/O SIDELITES 6		
MAX. PANEL WIDTH = 35 3/4"	6-8 TALL SYSTEMS: (XX) (XO) (OXXO) (X) (OX) (XO) (OXO)		
	WITHOUT SURFACE BOLTS:	WITH SURFACE BOLTS:	SURFACE BOLTS AND ODL SMART FRAME
INSWING	POSITIVE	+ 55*	+ 66*
	NEGATIVE	- 55*	- 66*

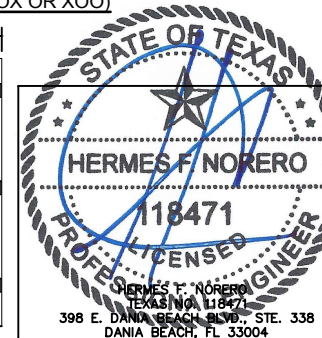
COMPONENT LIST			
ITEM	DESCRIPTION	MATERIAL	QTY.
1	NON-COMPRESSION SHIM (0.25" MAX. THK.)	WOOD	AS REQ.
2	2X WOOD SUB BUCK (S.G. MUST BE 0.55 OR GREATER)	WOOD	AS REQ.
3	1x WOOD SUB BUCK (S.G. MUST BE 0.55 OR GREATER)	WOOD	AS REQ.
4	#10 WOOD INSTALLATION SCREW W/ 1 1/2" MIN. EMBEDMENT	STEEL	AS REQ.
5	3/16" ITW TAPCON ANCHOR W/ 1 1/4" MIN. EMBEDMENT	STEEL	AS REQ.
6	#9 X 2 1/2" PHILLIPS FLATHEAD WOOD SCREW	STEEL	2 OR 4
7	#8 X 2" PHILLIPS FLATHEAD WOOD SCREW	STEEL	AS REQ.
8	#9 X 3/4" PHILLIPS FLATHEAD WOOD SCREW	STEEL	22 OR 44
9	1" O.A. IG NON-IMPACT FRAME BY ODL	Polypropylene	1 OR 4
10	LOCK SERIES 400	STEEL	1
11	DEADBOLT SERIES 780	STEEL	1
12	1" O.A. IG NON-IMP. SMART FRAME BY ODL	Polypropylene	1 OR 4
13	3/4" O.A. IG NON-IMPACT VENT UNIT BY ODL	Polypropylene	1
14	FLAT LITE KIT	ALUMINUM	1
15	ADA THRESHOLD	ALUMINUM	1

* NOTE: PRODUCT HAS NOT BEEN RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION REQUIRES THAT PRODUCT MEETS THIS REQUIREMENT, PRODUCT SHALL BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥ 1.0

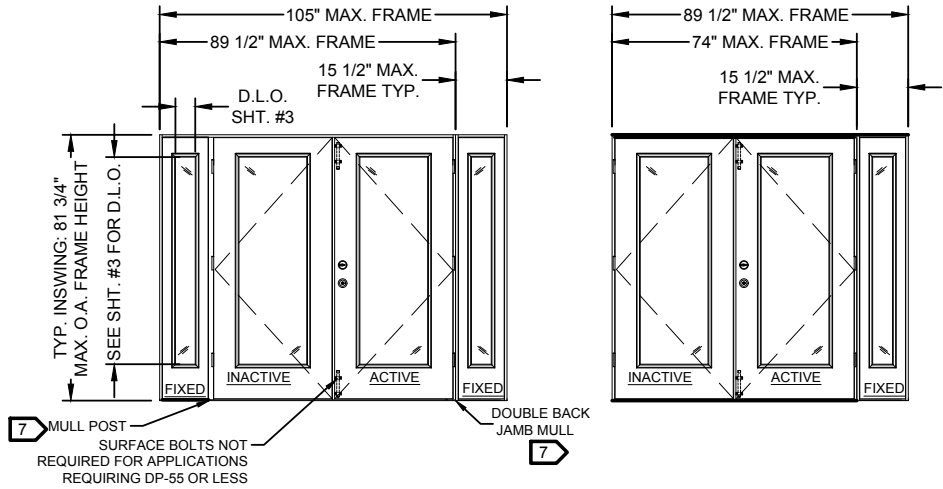


JELD-WEN
 WINDOWS & DOORS
 3737 Lakeport Blvd.
 Klamath Falls, OR 97601
 Phone: (541) 882-3451
 Fax: (541) 850-2609

PRODUCT
 CONTOURS STEEL W.E. NON-IMPACT FULL LITE
 DOOR: 12-0 X 6-8 MAXIMUM
 PART OR ASSEMBLY
 GENERAL NOTES, ELEVATIONS, DP RATINGS
 AND B.O.M.

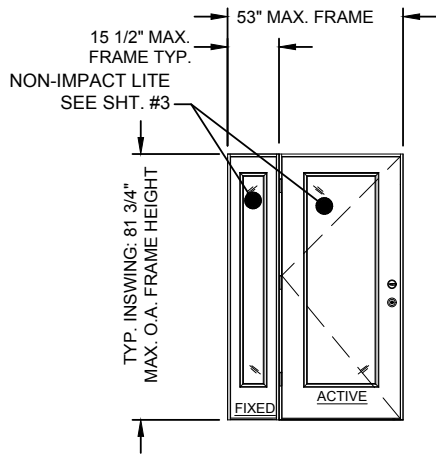


DATE:	12/20/2012
SCALE:	NONE
DWG. BY:	G.LUBBECKE
CHK. BY:	S.SAFFELL
DRAWING No.:	A008730
SHEET	1 OF 7

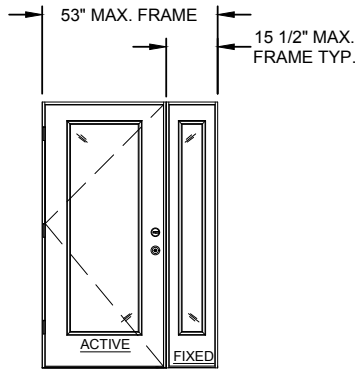


8-4 X 6-8 ELEVATION
DOUBLE DOOR W/ 1-2 SIDELITES (OXXO)

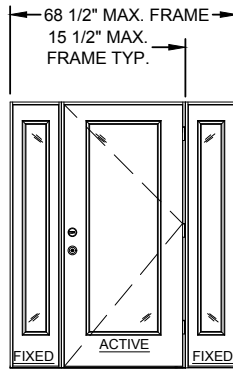
7-2 X 6-8 ELEVATION
DOUBLE DOOR W/ 1-2 SIDELITES (XXO OR OXX)



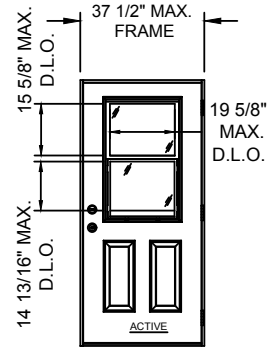
4-2 X 6-8 ELEVATION
DOUBLE (OX)



4-2 X 6-8 ELEVATION
DOUBLE (XO)



5-4 X 6-8 ELEVATION
TRIPLE (OXO)



3-0 X 6-8 ELEVATION
VENT LITE (X)

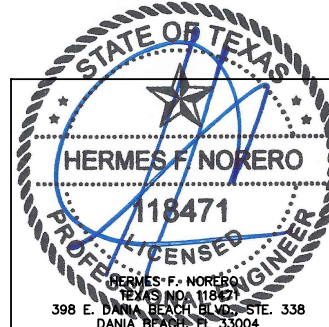
7 MULL POST - SURFACE BOLTS NOT REQUIRED FOR APPLICATIONS REQUIRING DP-55 OR LESS

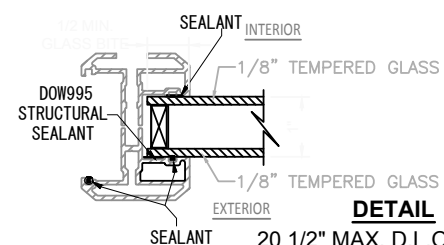
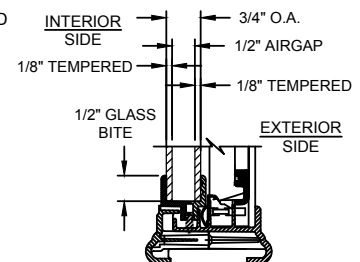
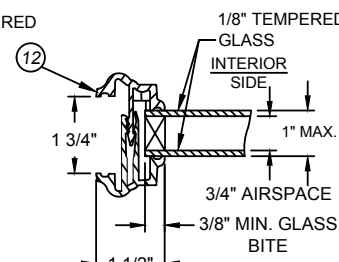
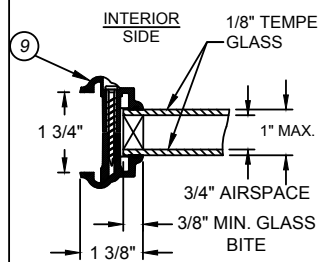
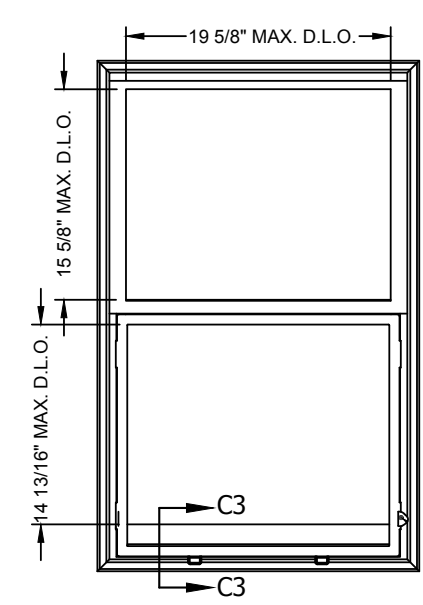
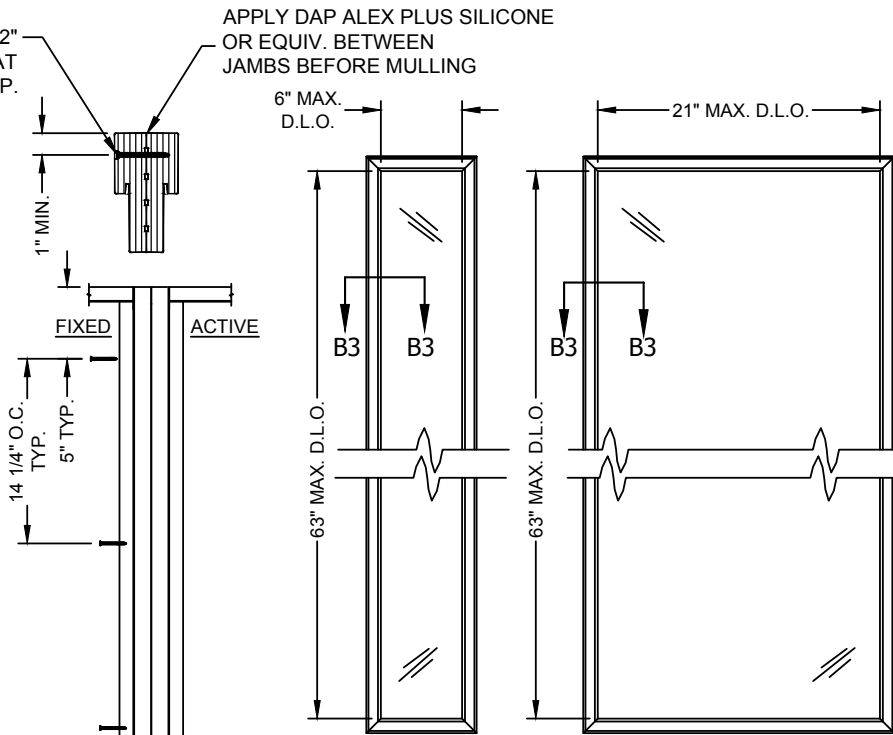
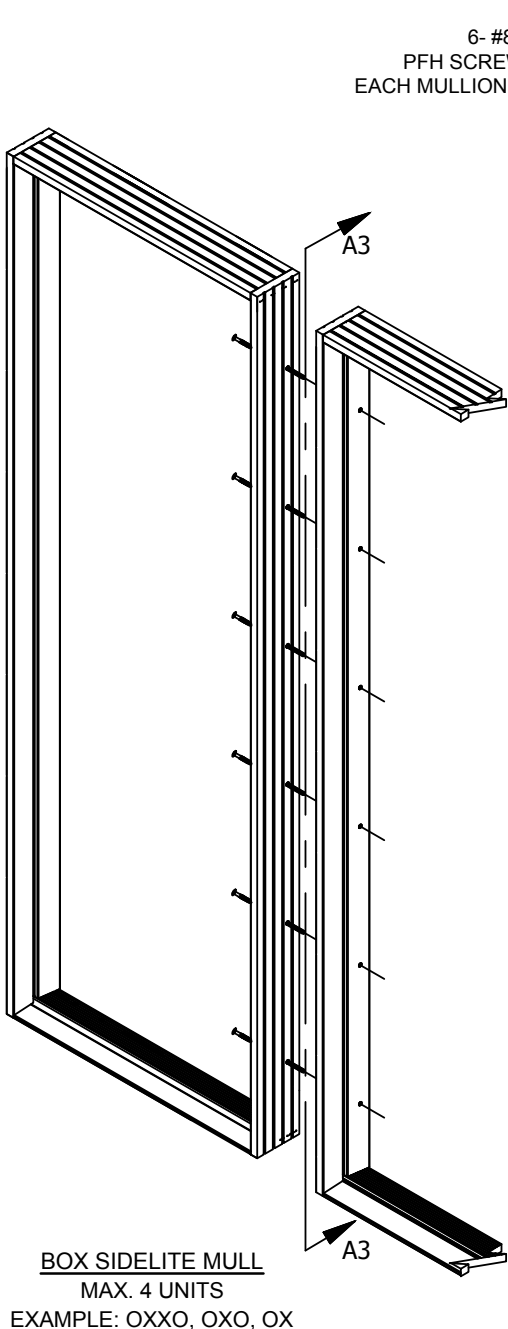
DOUBLE BACK JAMB MULL

JELBOWEN
WINDOWS & DOORS
3737 Lakeport Blvd.
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Phone: (541) 882-3451
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PRODUCT
CONTOURS STEEL W.E. NON-IMPACT FULL LITE
DOOR: 12-0 X 6-8 MAXIMUM
PART OR ASSEMBLY
ELEVATIONS

DATE: 12/20/2012
SCALE: NONE
DWG. BY: G.LUBBECKE
CHK. BY: S.SAFFELL
DRAWING No.:
A008730
SHEET 2 OF 7





DETAIL A3
(6) FASTENER LOCATIONS AT DOUBLE-BACK JAMB ATTACHMENT

ODL NON-IMPACT GLAZING DETAIL NON-IMPACT GLAZING DETAIL

ODL VENT FRAME NON-IMPACT

20 1/2" MAX. D.L.O. WIDTH
62 5/8" MAX D.L.O. HEIGHT
3-0 X 6-8, 6-0 X 6-8

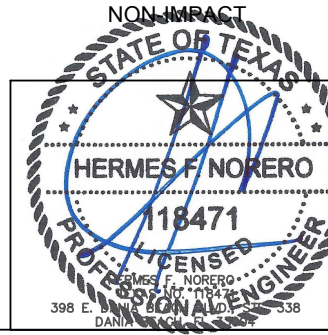
JELDOWEN
WINDOWS & DOORS

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Klamath Falls, OR 97601
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PRODUCT
CONTOURS STEEL W.E. NON-IMPACT FULL LITE
DOOR: 12-0 X 6-8 MAXIMUM

PART OR ASSEMBLY

MULLING DETAILS AND GLAZING OPTIONS



DATE: 12/20/2012

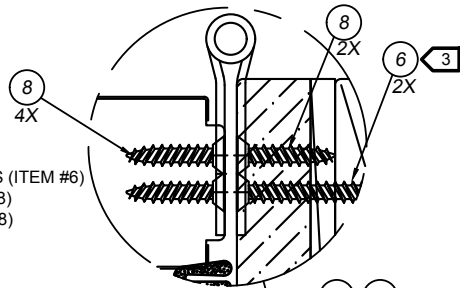
SCALE: NONE

DESIGN BY: G.LUBBECKE

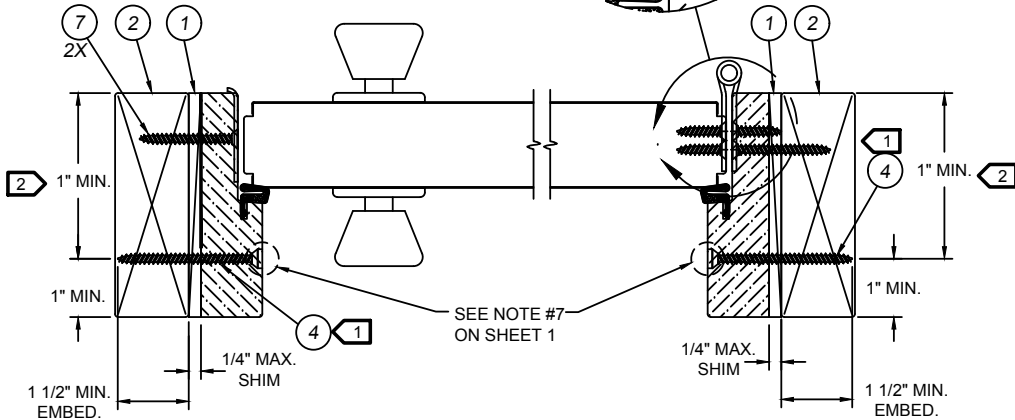
CHECKED BY: S.SAFFELL

DRAWING No.:
A008730

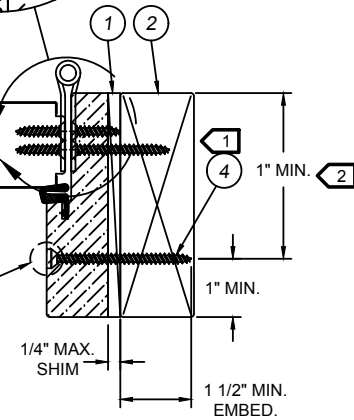
SHEET 3 OF 7



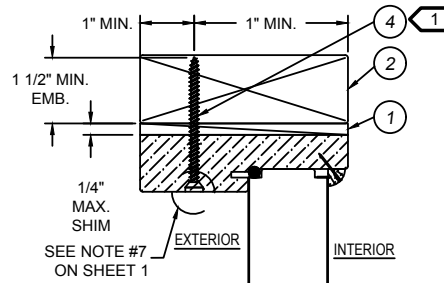
HINGE DETAIL:
 TOP = 6 SCREWS (ITEM #8), 2 SCREWS (ITEM #6)
 CENTER = 8 SCREWS (ITEM #8)
 BOTTOM = 8 SCREWS (ITEM #8)



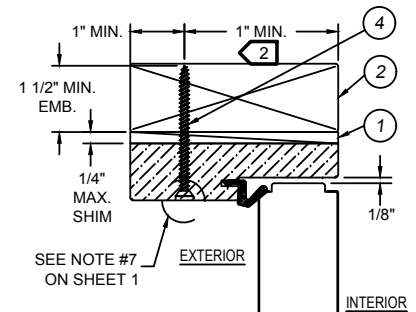
**INSWING LATCH JAMB AT FRAME
 HORIZONTAL CROSS SECTION**



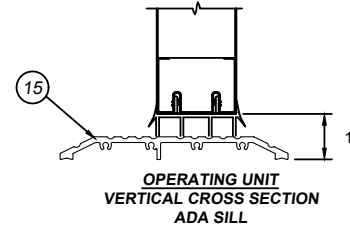
**INSWING HINGE JAMB AT FRAME
 HORIZONTAL CROSS SECTION**



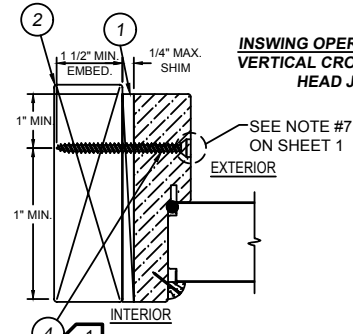
**INSWING FIXED UNIT
 VERTICAL CROSS SECTION
 HEAD JAMB**



**INSWING OPERATING UNIT
 VERTICAL CROSS SECTION
 HEAD JAMB**



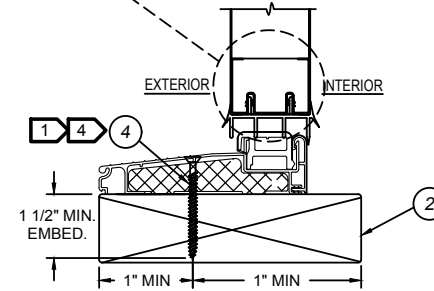
**OPERATING UNIT
 VERTICAL CROSS SECTION
 ADA SILL**



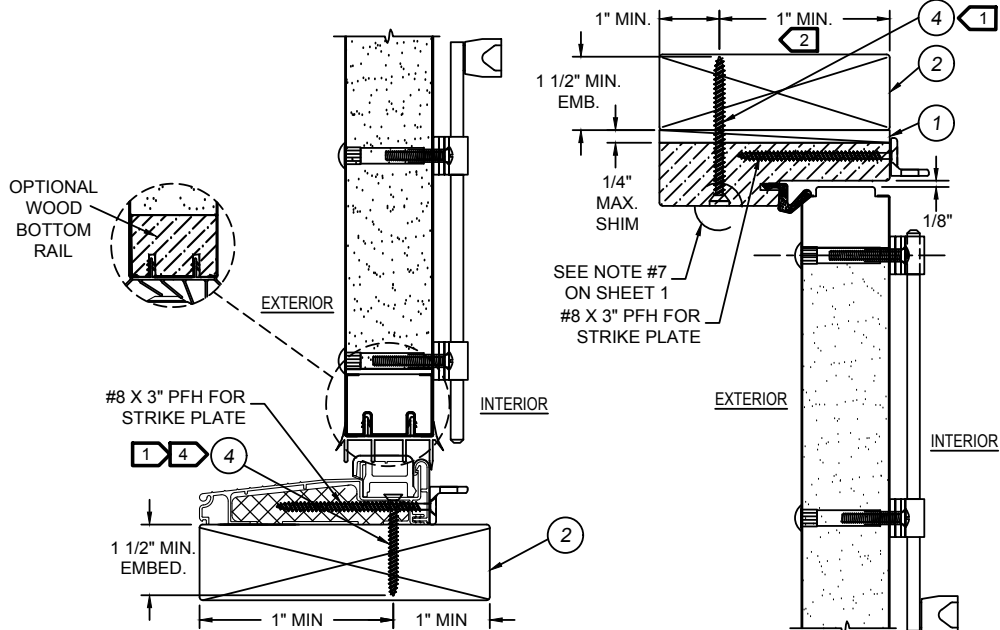
**FIXED UNIT
 HORIZONTAL CROSS SECTION
 INSWING SHOWN**



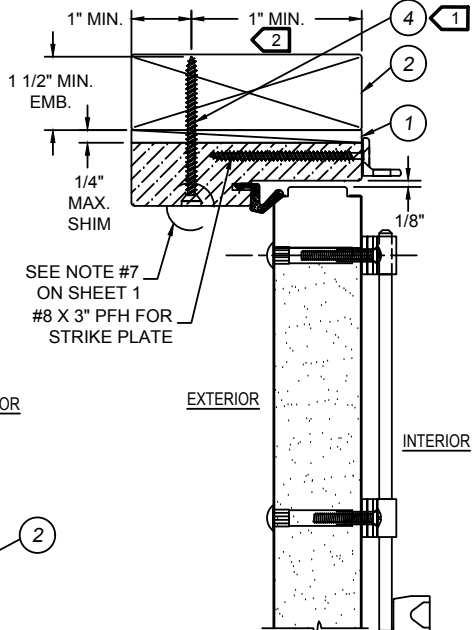
**OPTIONAL
 WOOD
 BOTTOM
 RAIL**



**INSWING FIXED OR
 OPERATING UNIT
 VERTICAL CROSS SECTION
 ENDURA ZAIL4566**

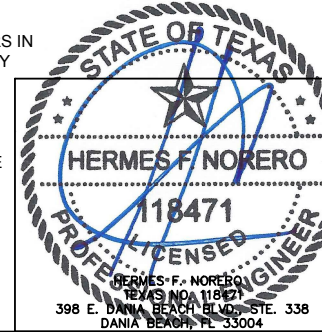


**INSWING OPERATING UNIT
 W/ OPTIONAL SURFACE BOLT
 VERTICAL CROSS SECTION**



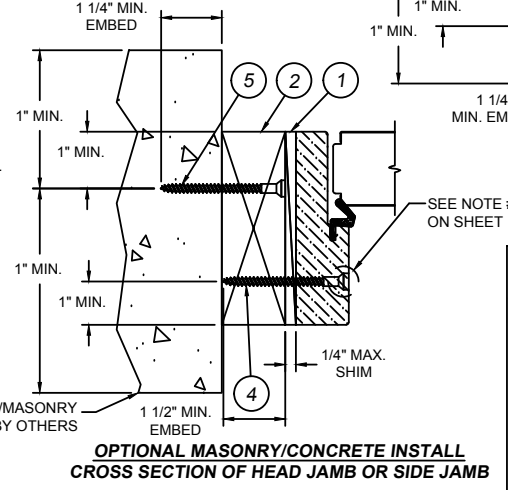
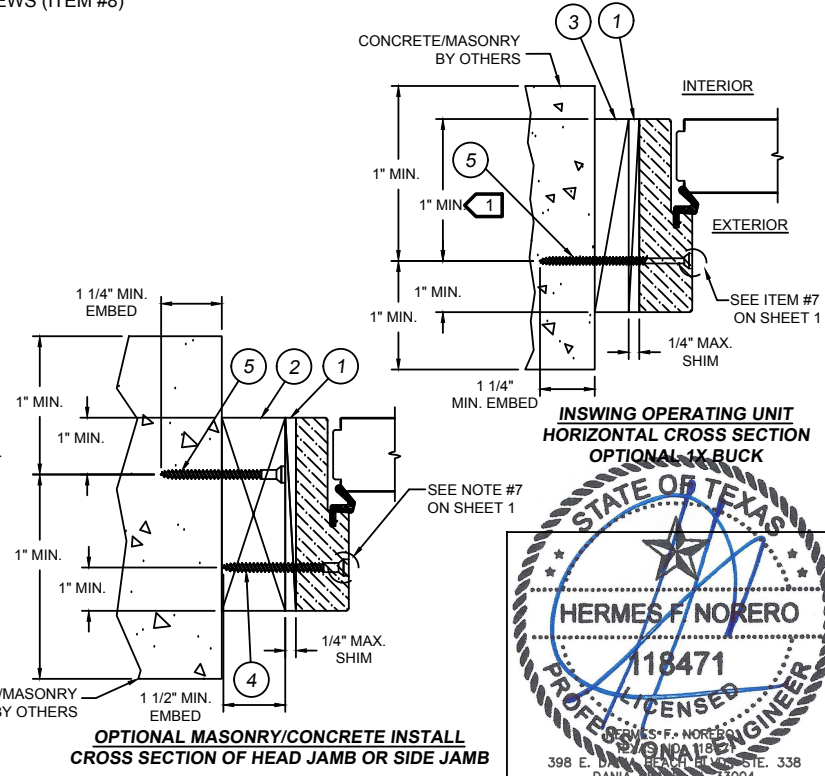
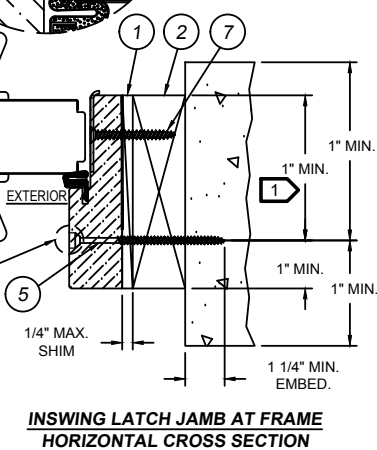
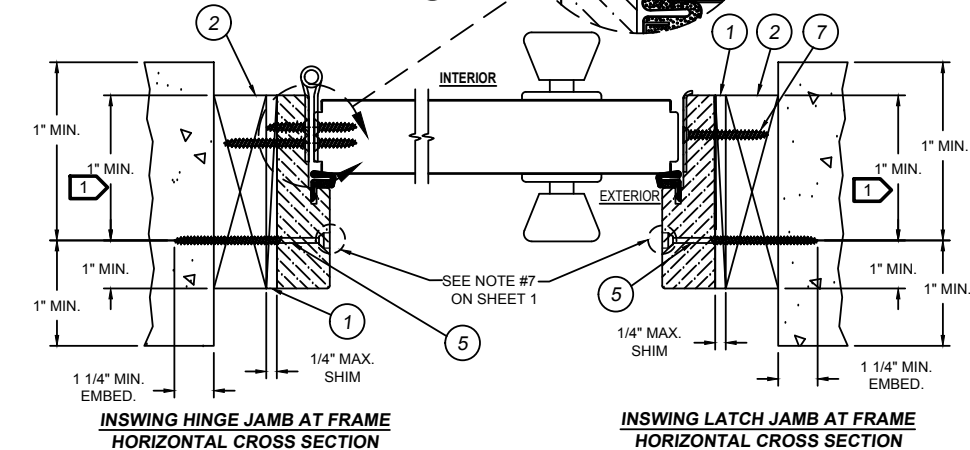
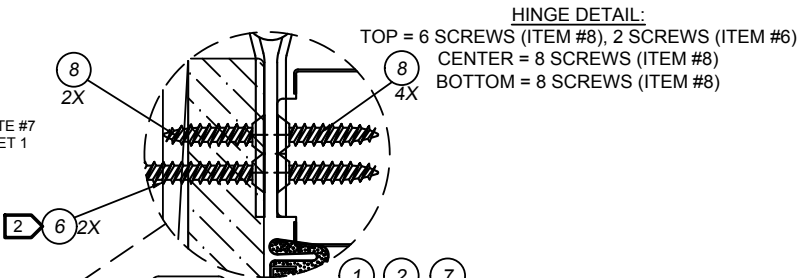
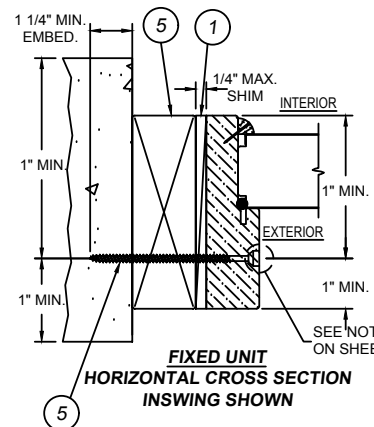
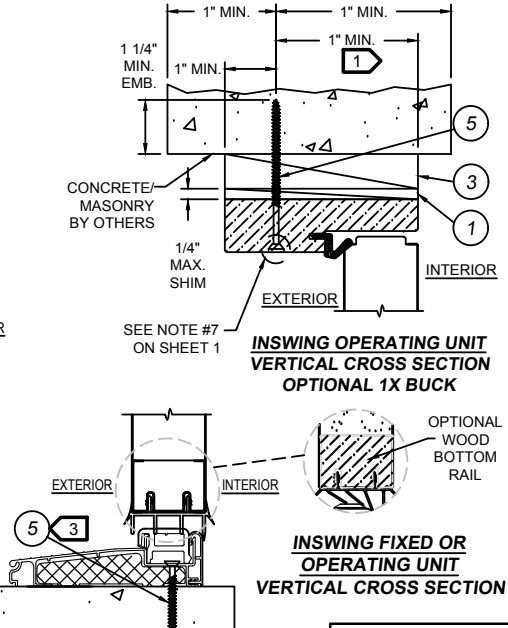
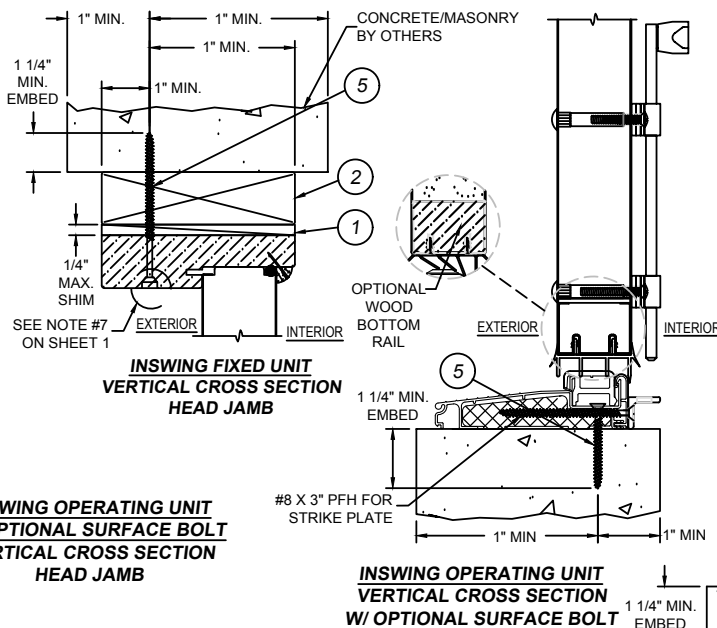
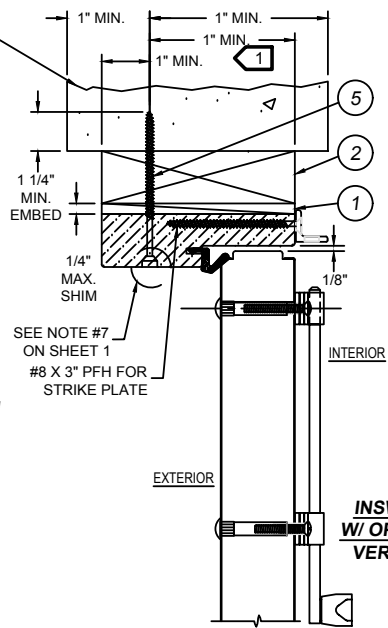
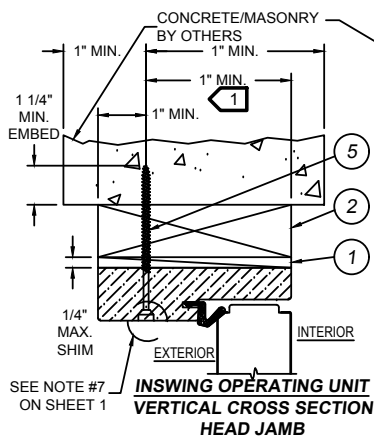
**INSWING OPERATING UNIT
 W/ OPTIONAL SURFACE BOLT
 VERTICAL CROSS SECTION
 HEAD JAMB**

- NOTES:
- 1 FOR PLACEMENT OF ITW TAPCON ANCHORS IN 2X BUCK OR 1X BUCK CONCRETE/MASONRY OPENINGS, SEE SHEET 5
 - 2 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.
 - 3 ITEM #6, (#9 X 2 1/2") TWO SCREWS TO BE INSTALLED IN TOP HINGE AT JOB SITE, CLOSEST TO WEATHERSTRIP.
 - 4 AT SILL, PLACE ANCHOR IN SILL BASE MATERIAL FOR MAXIMUM SUPPORT.

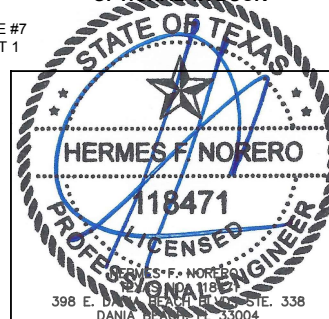


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PRODUCT	CONTOURS STEEL W.E. NON-IMPACT FULL LITE DOOR: 12-0 X 6-8 MAXIMUM
PART OR ASSEMBLY	INSWING VERTICAL AND HORIZONTAL SECTIONS IN WOOD
DATE:	12/20/2012
SCALE:	NONE
DWG. BY:	G.LUBBECKE
CHK. BY:	S.SAFFELL
DRAWING No.:	A008730
SHEET	4 OF 7



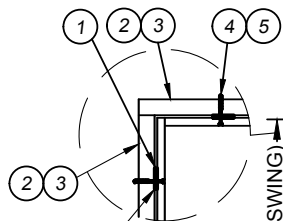
- NOTES:
- 1 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.
 - 2 ITEM #6, (#9 X 2 1/2") TWO SCREWS TO BE INSTALLED IN TOP HINGE AT JOB SITE, CLOSEST TO WEATHERSTRIP.
 - 3 AT SILL, PLACE ANCHOR IN SILL BASE MATERIAL FOR MAXIMUM SUPPORT. (NOT USED FOR SINGLE DOOR)



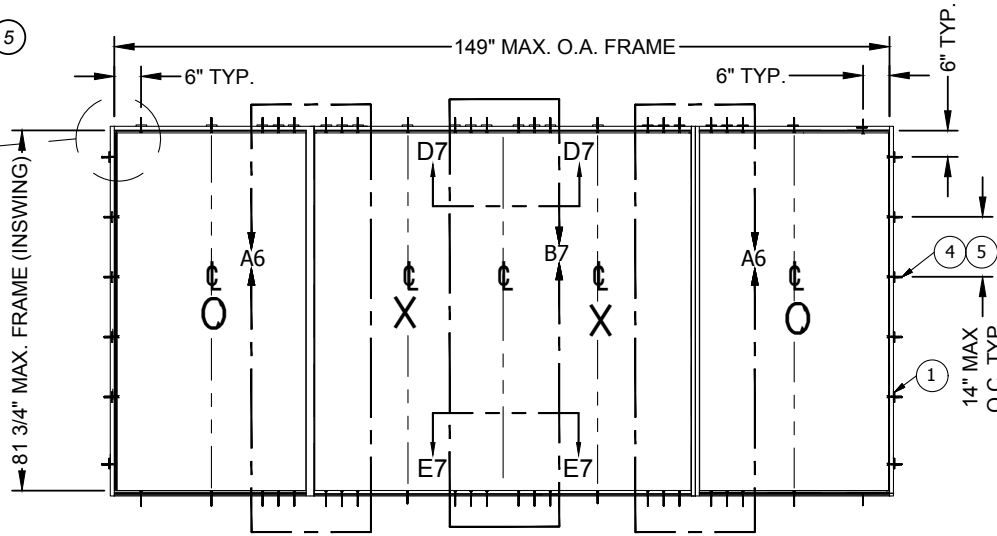
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PRODUCT
CONTOURS STEEL W.E. NON-IMPACT FULL LITE
DOOR: 12-0 X 6-8 MAXIMUM
PART OR ASSEMBLY
INSWING VERTICAL AND HORIZONTAL SECTIONS
IN MASONRY/CONCRETE

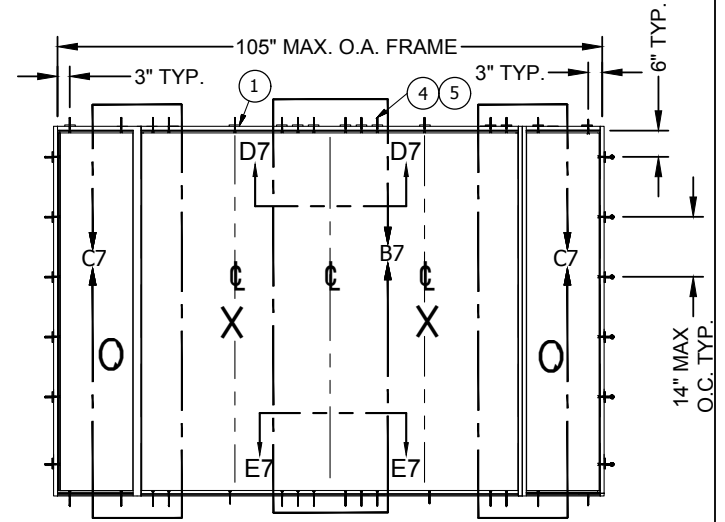
DATE: 12/20/2012
SCALE: NONE
DWG. BY: G.LUBBECKE
CHK. BY: S.SAFFELL
DRAWING No.: A008730
SHEET 5 OF 7



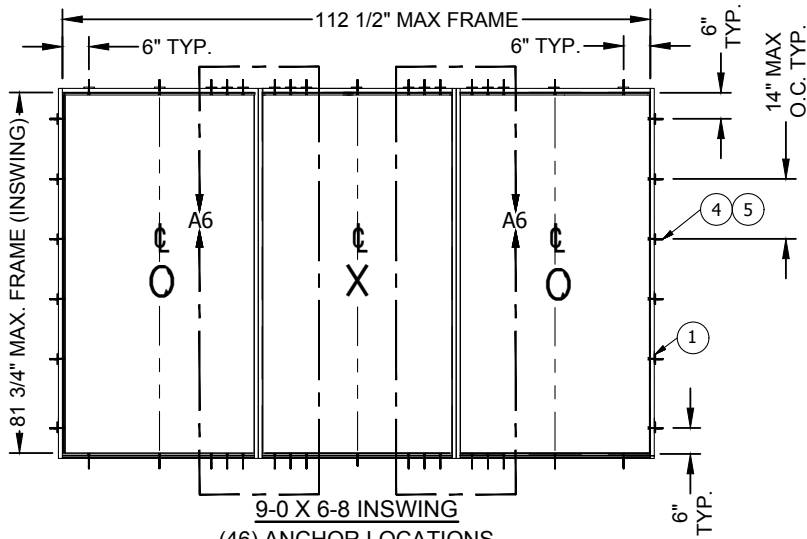
NOTE:
SHIM FOR SUPPORT AT
OR NEAR EACH ANCHOR
IS REQUIRED



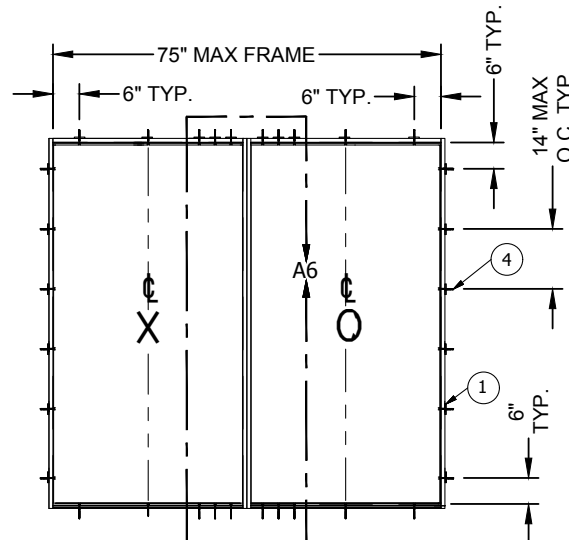
12-0 X 6-8 INSWING
(60) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)



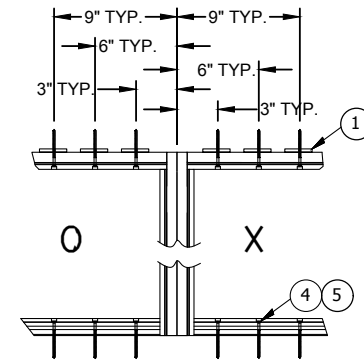
8-4 X 6-8 INSWING
(44) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)



9-0 X 6-8 INSWING
(46) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)



6-0 X 6-8 INSWING
(32) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)

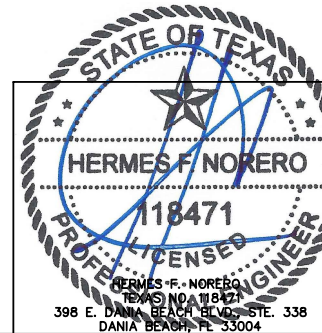


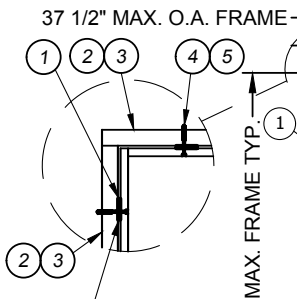
DETAIL A6
(12) ANCHOR LOCATIONS AT MULLION
POST OR DOUBLE-BACK JAMBS
(3-0 SIDELITES ONLY)

JELD-BOWEN
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Klamath Falls, OR 97601
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Fax: (541) 850-2609

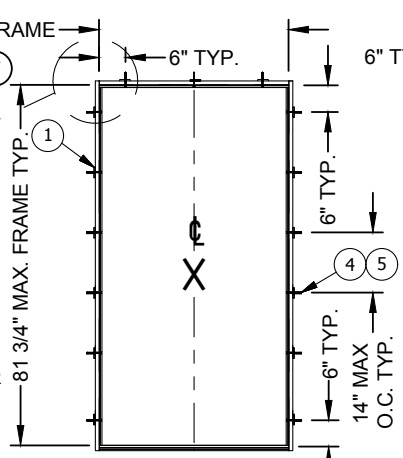
PRODUCT
CONTOURS STEEL W.E. NON-IMPACT FULL LITE
DOOR: 12-0 X 6-8 MAXIMUM
PART OR ASSEMBLY
INSWING ANCHORING DETAILS

DATE: 12/20/2012
SCALE: NONE
DWG. BY: G.LUBBECKE
CHK. BY: S.SAFFELL
DRAWING No.:
A008730
SHEET 6 OF 7

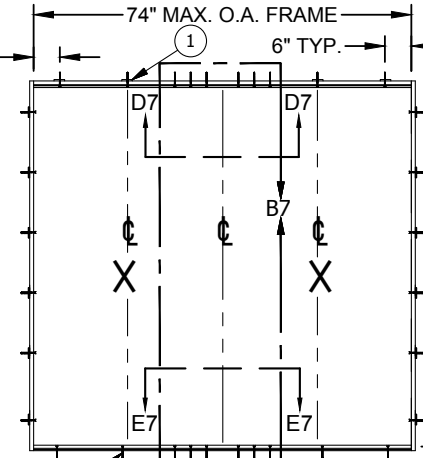




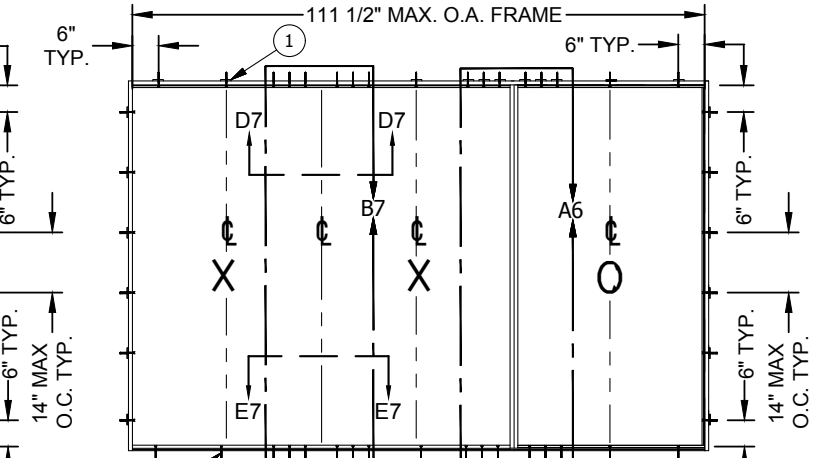
NOTE:
SHIM FOR SUPPORT AT
OR NEAR EACH ANCHOR
IS REQUIRED



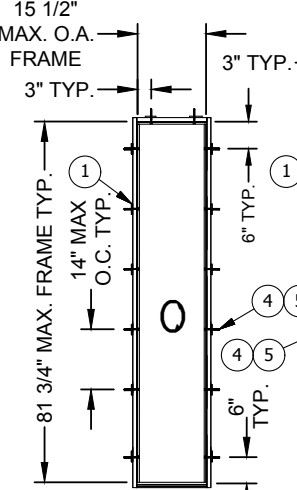
3-0 X 6-8 INSWING
(15) ANCHOR LOCATIONS



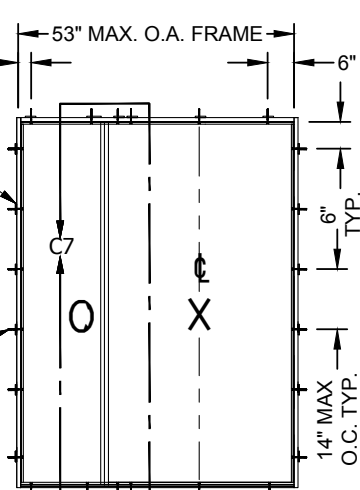
6-0 X 6-8 INSWING
(32) ANCHOR LOCATIONS (FROM EDGE OF FRAME)



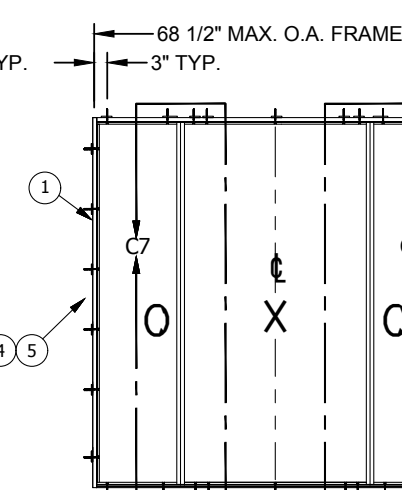
9-0 X 6-8 INSWING
(46) ANCHOR LOCATIONS (FROM EDGE OF FRAME)



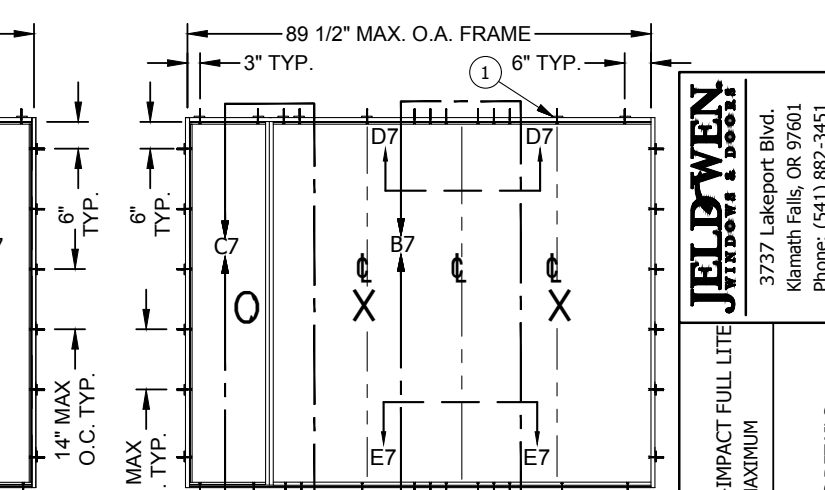
1-2 X 6-8 SIDELITE
(14) ANCHOR LOCATIONS (FROM EDGE OF FRAME)



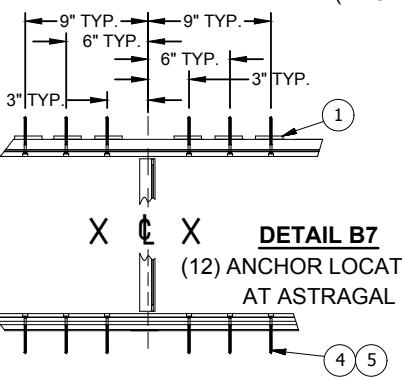
4-2 X 6-8 INSWING
(24) ANCHOR LOCATIONS (FROM EDGE OF FRAME)



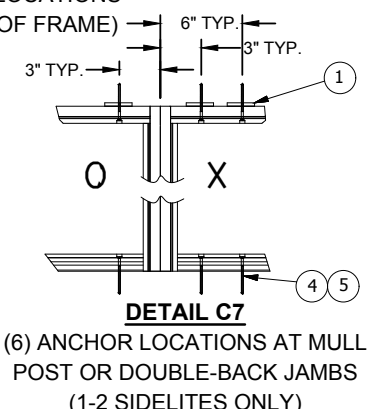
5-4 X 6-8 INSWING
(30) ANCHOR LOCATIONS (FROM EDGE OF FRAME)



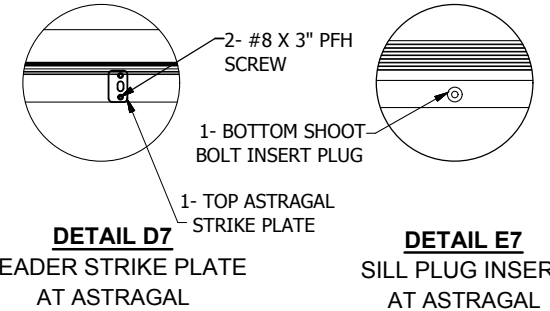
7-2 X 6-8 INSWING
(38) ANCHOR LOCATIONS (FROM EDGE OF FRAME)



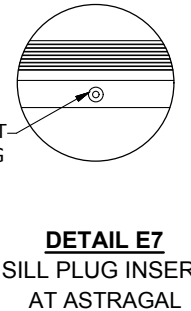
DETAIL B7
(12) ANCHOR LOCATIONS AT ASTRAGAL



DETAIL C7
(6) ANCHOR LOCATIONS AT MULL POST OR DOUBLE-BACK JAMBS (1-2 SIDELITES ONLY)



DETAIL D7
HEADER STRIKE PLATE AT ASTRAGAL

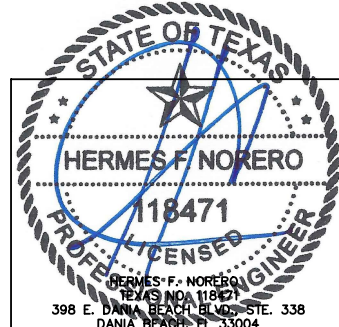


DETAIL E7
SILL PLUG INSERT AT ASTRAGAL

JELBOWEN
WINDOWS & DOORS
3737 Lakeport Blvd.
Klamath Falls, OR 97601
Phone: (541) 882-3451
Fax: (541) 850-2609

PRODUCT
CONTOURS STEEL W.E. NON-IMPACT FULL LITE
DOOR: 12-0 X 6-8 MAXIMUM
PART OR ASSEMBLY

DATE: 12/20/2012
SCALE: NONE
DWG. BY: G.LUBBECKE
CHK. BY: S.SAFFELL
DRAWING NO.:
A008730
SHEET 7 OF 7



INSWING ANCHORING DETAILS