

**JELD-WEN DOOR
INSTALLATION DETAILS
STEEL 24 GA. WOOD EDGE
FULL LITE NON-IMPACT
UP TO 12'-0" X 8'-0"
OUTSWING/INSWING**

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH CURRENT INTERNATIONAL BUILDING CODE (I.B.C.) & INTERNATIONAL RESIDENTIAL CODE (I.R.C.) AND THE CURRENT FLORIDA BUILDING CODES (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED IN ACCORDANCE TO ASTM E283-04, E330-02, E331-00 AND AAMA 1304-02.

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. PRODUCT ANCHOR TYPES AND SPACING ARE SHOWN ON SHEET 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.

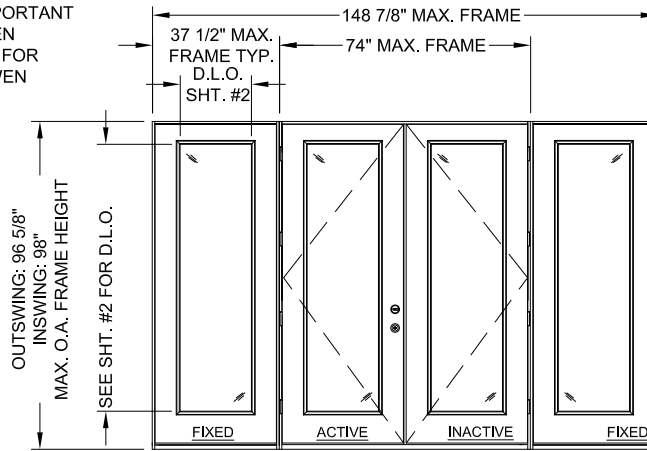
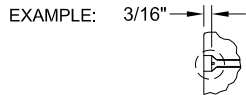
4. THIS DOCUMENT SUPERCEDES OTHER ANCHOR INSTALLATION INSTRUCTIONS

FOR NON-IMPACT RATED DOORS. FOR OTHER IMPORTANT INSTALLATION INSTRUCTIONS, REFER TO JELD-WEN DOCUMENT #JII106 (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/).

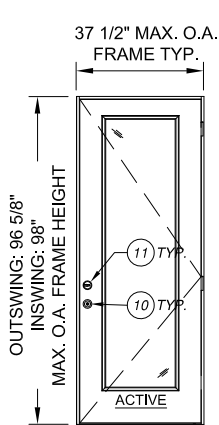
5. FLORIDA APPROVED SHUTTERS ARE NEEDED WHEN IMPACT PROTECTION IS REQUIRED.

6. FOR DESIGN PRESSURE RATINGS, SEE TABLE 1, SHEET 1.

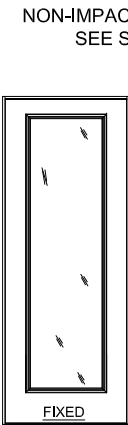
7. ALL FASTENERS IN WOOD SHALL BE COUNTERSUNK 3/16" DEEP.



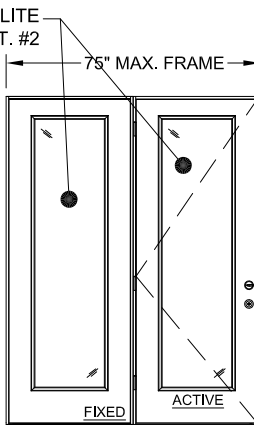
12-0 X 8-0 ELEVATION
DOUBLE DOOR W/ FULL 3-0 SIDELITES (OXXO)



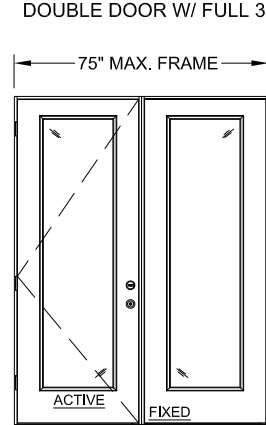
3-0 X 8-0 ELEVATION
SINGLE (X) & (O)



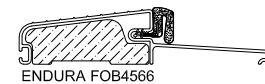
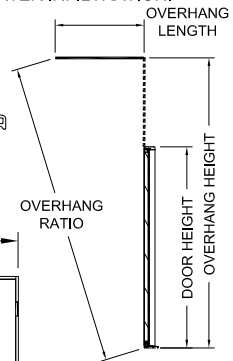
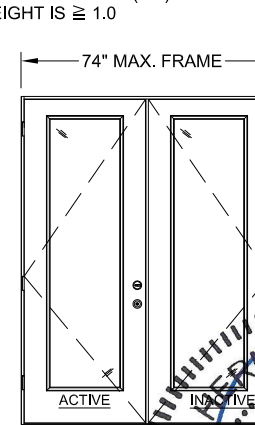
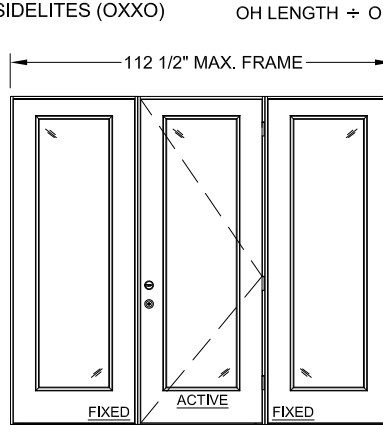
6-0 X 8-0 ELEVATION
DOUBLE (OX)



6-0 X 8-0 ELEVATION
DOUBLE (XO)



9-0 X 8-0 ELEVATION
TRIPLE (OXO)



* NOTE: IF PRODUCT IS CONSTRUCTED USING THE OUTSWING ENDURA FOB4566 (SHOWN BELOW), THEN PRODUCT DOES NOT REQUIRE OVERHANG PROTECTION. OTHERWISE, REMAINING SILLS LISTED ON SHEETS 3 THRU. 6 HAVE NOT BEEN RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION VALIDATES THAT PRODUCT MEETS THIS AND/OR OTHER REQUIREMENTS, LISTED PRODUCT MAY BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥ 1.0

TABLE 1

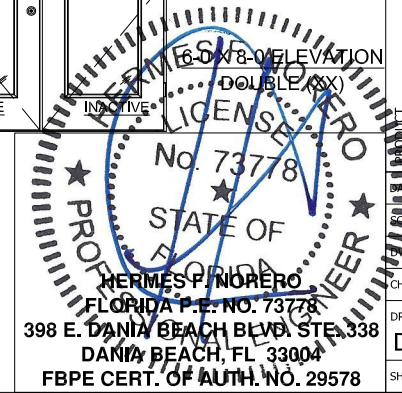
DESIGN PRESSURE RATING:		
SIZE	QUALIFIES: FULL LITE ACTIVE PANELS WITH NON-IMPACT GLASS SIDELITES 5	
MAX. PANEL WIDTH = 35 3/4"	8-0 TALL SYSTEMS:	
	(XX) (XXO) (OXXO) (X) (OX) (XO) (OXO)	
OUTSWING	POSITIVE	+ 35*
	NEGATIVE	- 35*
INSWING	POSITIVE	+ 35*
	NEGATIVE	- 35*

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	30 OR 60
9	1" O.A. IG NON-IMPACT FRAME GLAZED BY ODL	Polypropylene	1 OR 4
10	LOCK SERIES 400	STEEL	1
11	DEADBOLT SERIES 660	STEEL	1
12	FLAT LITE KIT	ALUMINUM	1
13	ADA THRESHOLD	ALUMINUM	1

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

NO.	DATE	REVISIONS	BY
1	01/30/20	DWG NUM. CHANGE FROM JW152012FL TO D015859	TB
		ADA THRESHOLD ADDED	



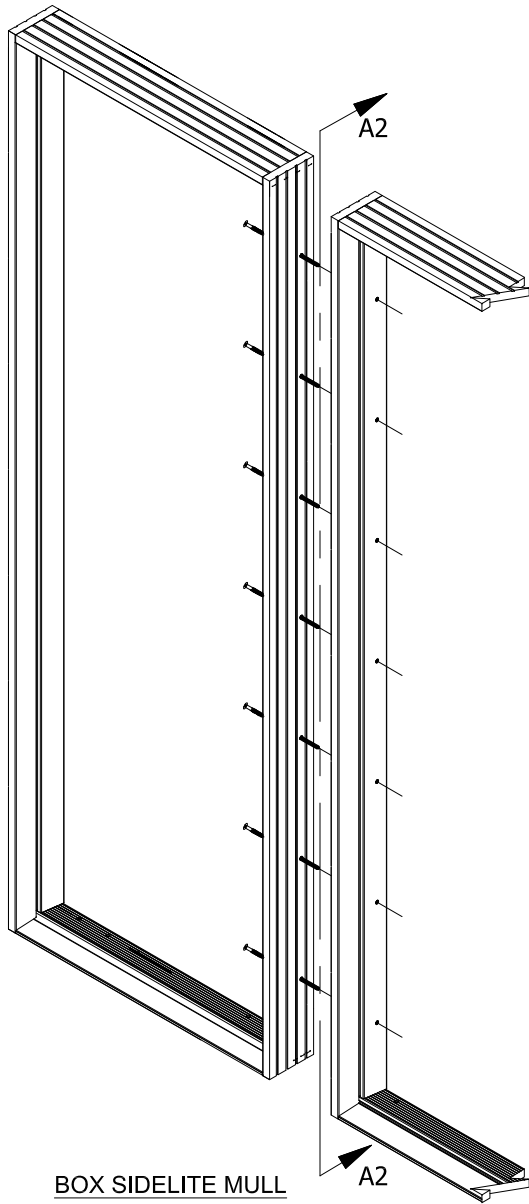
JELD-WEN
WINDOWS & DOORS
3737 Lakeport Blvd.
Klamath Falls, OR 97601
Phone: (541) 882-3451
Fax: (541) 850-2609

24 GA. STEEL W.E. 12-0 X 8-0 FULL LITE WITH NON-IMPACT FULL SIDELITES
PART OR ASSEMBLY
GENERAL NOTES, ELEVATIONS, DP RATINGS AND B.O.M.

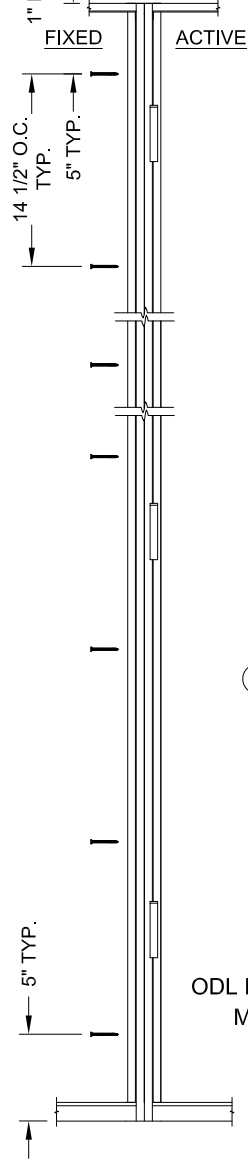
DATE: 2/23/2012
SCALE: NONE
DWG. BY: G.LUBBECKE
CHK. BY: S.SAFFELL
DRAWING NO.: D015859
SHEET 1 OF 7

7- #8 X 2"
PFH SCREW AT
EACH MULLION TYP.

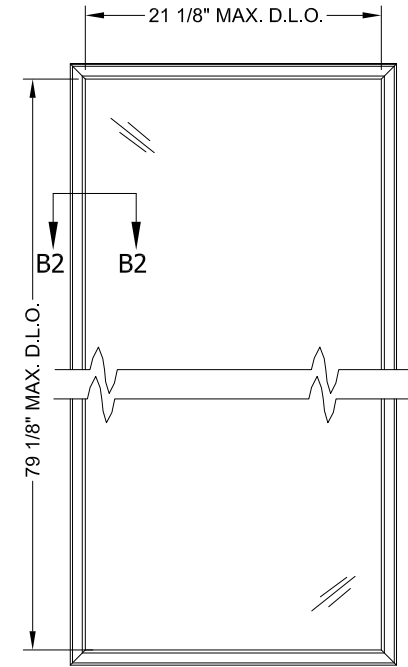
APPLY DAP ALEX PLUS SILICONE
OR EQUIV. BETWEEN
JAMBS BEFORE MULLING



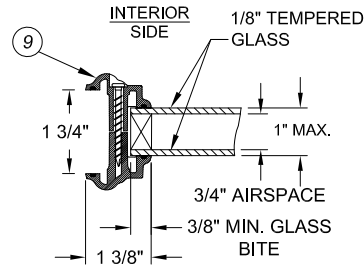
BOX SIDELITE MULL
MAX. 4 UNITS
EXAMPLE: OXXO, OXO, OX



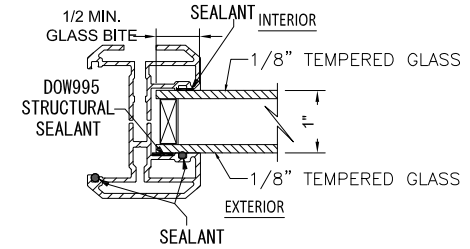
DETAIL A2
(7) FASTENER LOCATIONS AT
DOUBLE-BACK JAMB ATTACHMENT



ODL LIP-LITE NON-IMPACT
3-0 X 8-0 SHOWN



DETAIL B2
ODL NON-IMPACT GLAZING DETAIL
MAX. D.L.O: 21 1/8" X 79 1/8"



DETAIL
20 1/2" MAX. D.L.O. WIDTH
62 5/8" MAX. D.L.O. HEIGHT

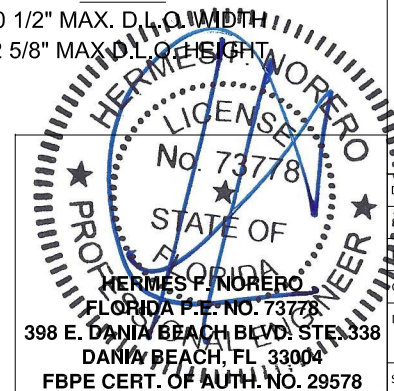
JELD-WEN
WINDOWS & DOORS

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Fax: (541) 850-2609

24 GA. STEEL W.E. 12-0 X 8-0 FULL LITE
WITH NON-IMPACT FULL SIDELITES

PART OR ASSEMBLY

MULLING DETAILS AND GLAZING OPTIONS



DATE: 2/23/2012

SCALE: NONE

DWG. BY: G.LUBBECKE

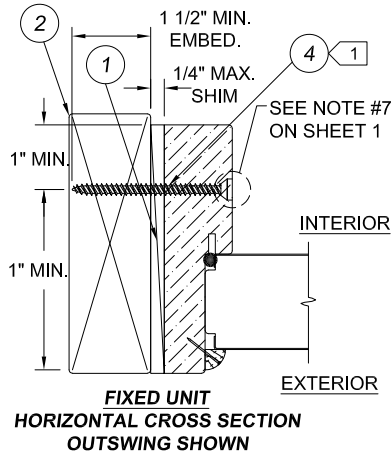
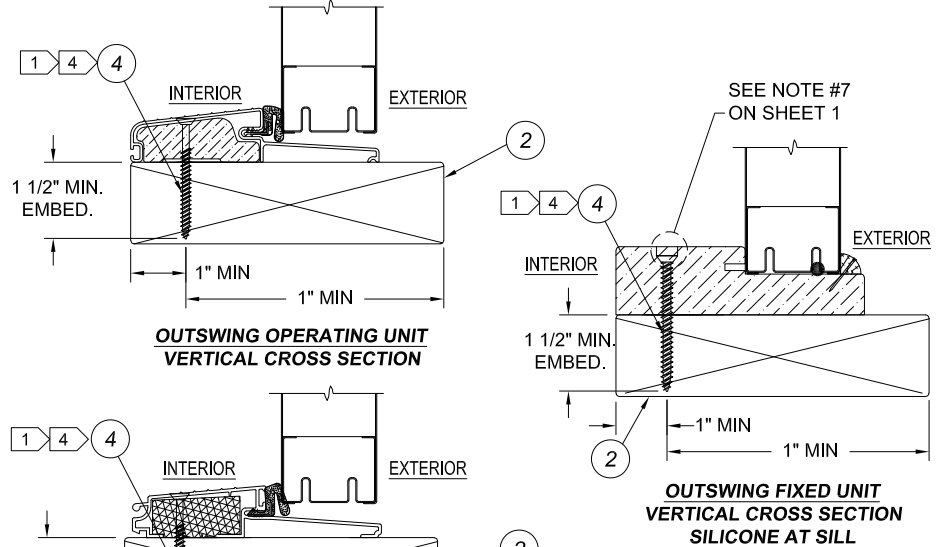
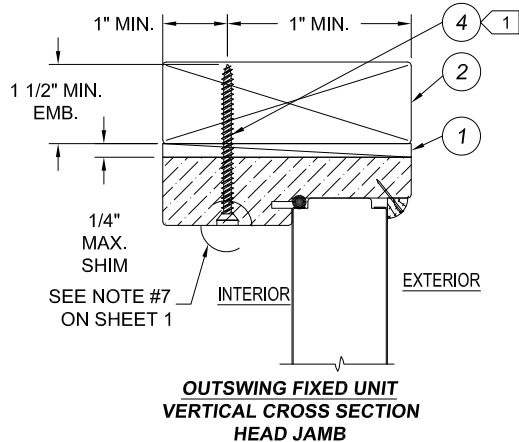
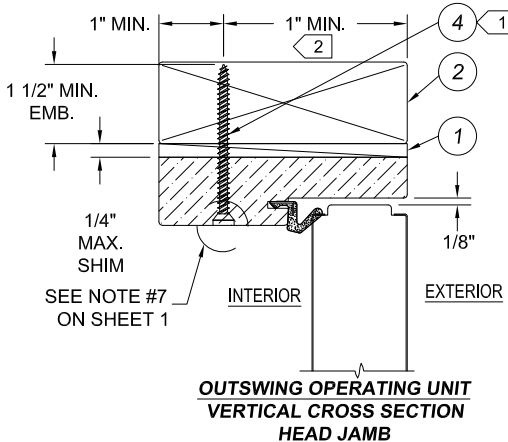
CHK. BY: S.SAFFELL

DRAWING No.:

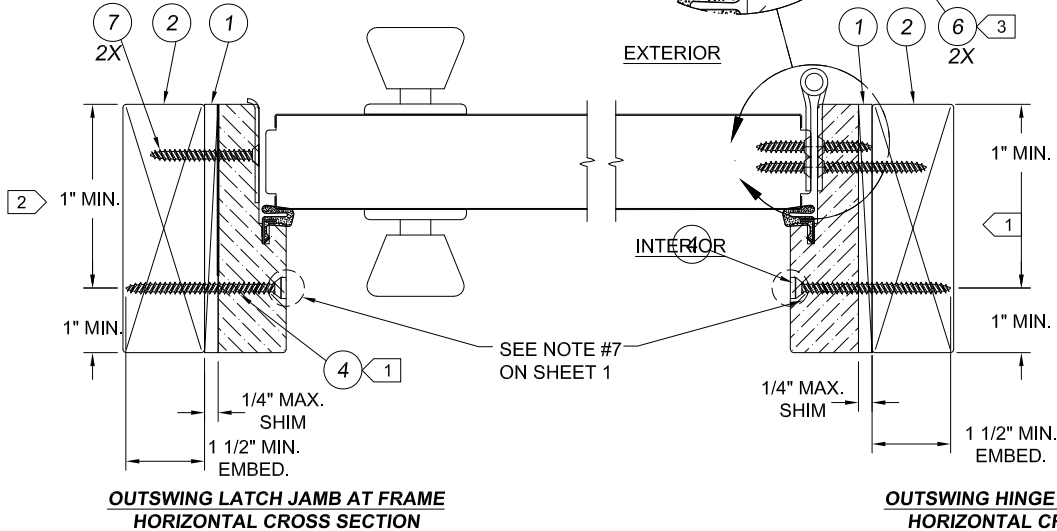
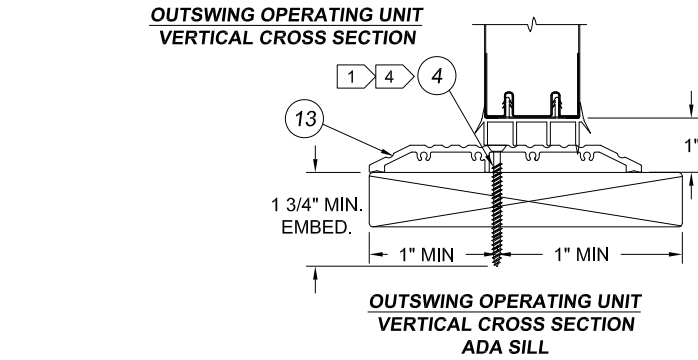
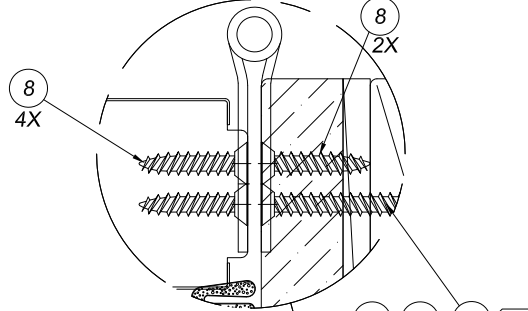
D015859

SHEET 2 OF 7

HERMES P. NORERO
FLORIDA P.E. NO. 73778
398 E. DANIA BEACH BLVD. STE. 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTH. NO. 29578



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



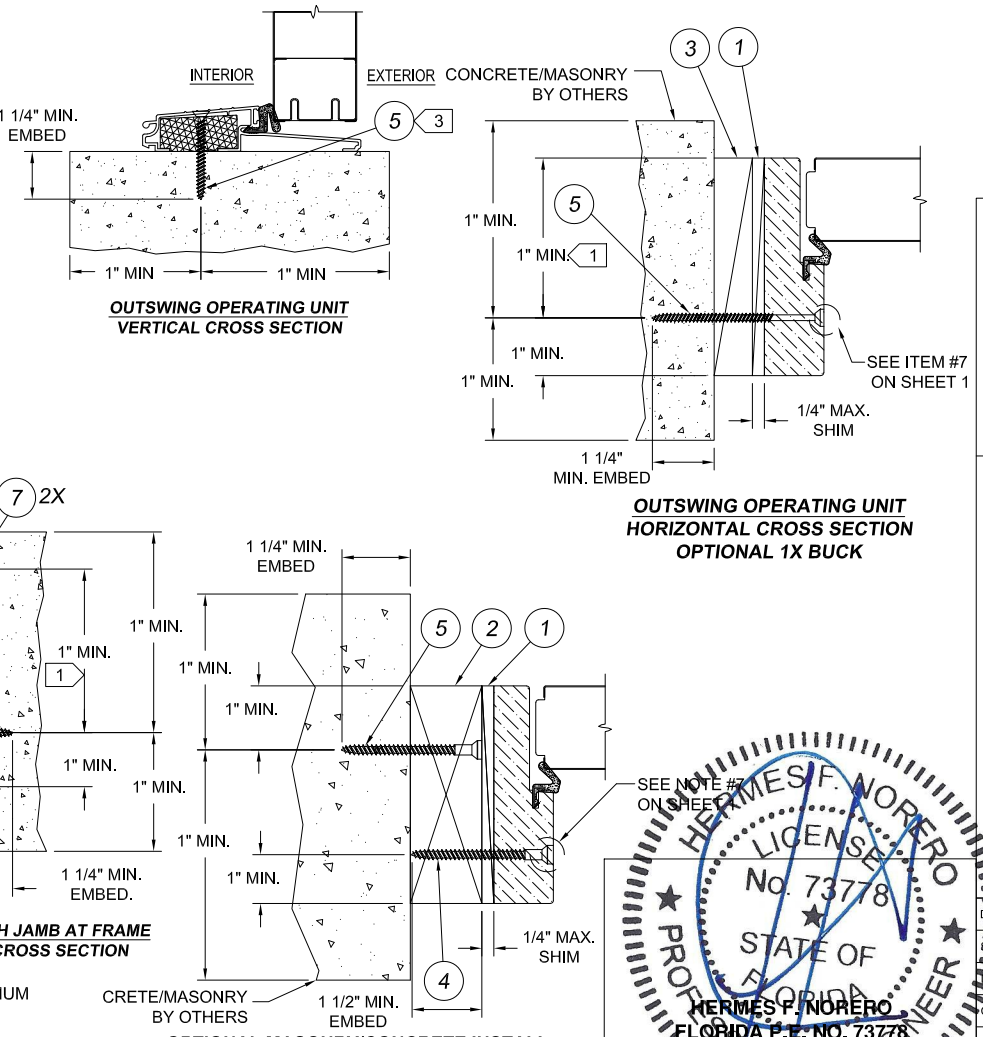
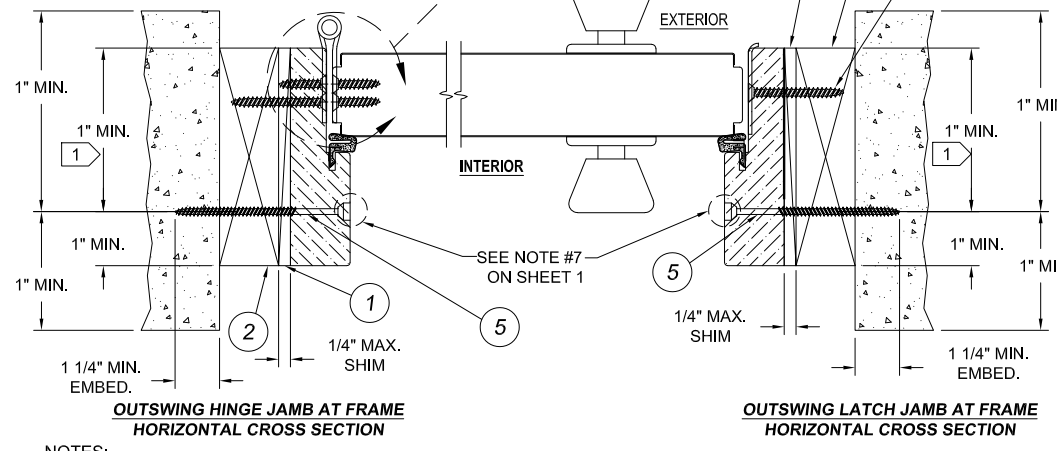
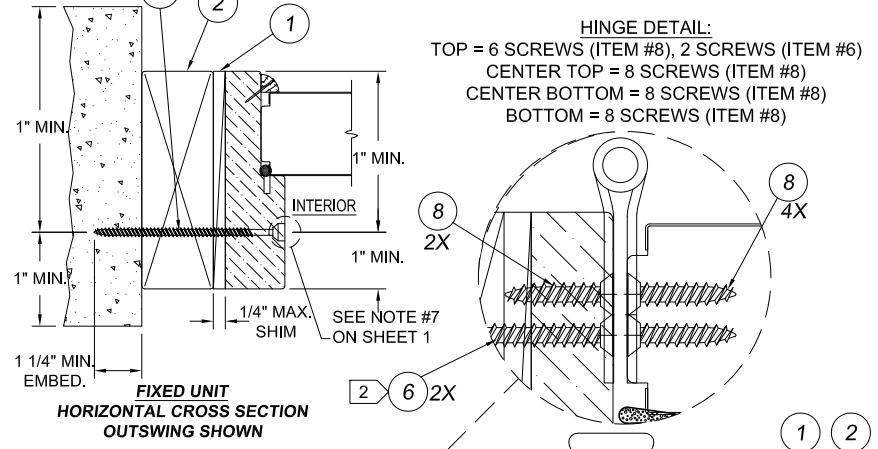
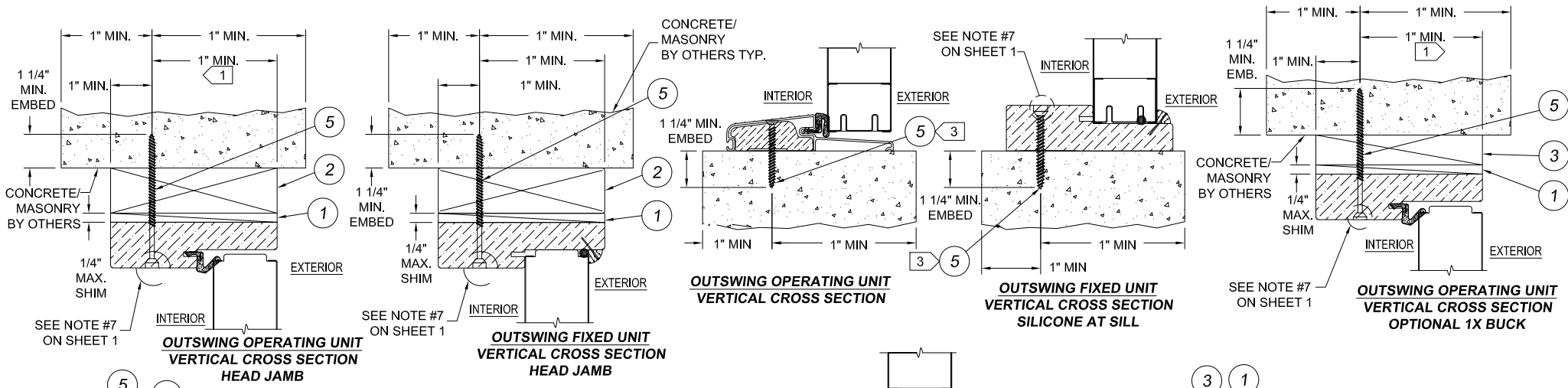
- NOTES:
- 1 FOR PLACEMENT OF ITW TAPCON ANCHORS IN 2X BUCK OR 1X BUCK CONCRETE/MASONRY OPENINGS, SEE SHEET 4.
 - 2 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.
 - 3 ITEM #6, (#9 X 2 1/2") TWO SCREWS TO BE INSTALLED IN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

HERMEST P. NORERO
 PROFESSIONAL ENGINEER
 LICENSE NO. 73778
 STATE OF FLORIDA
 398 E. DANIA BEACH BLVD. STE. 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTH. NO. 29578

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

24 GA. STEEL W.E. 12-0 X 8-0 FULL LITE
 WITH NON-IMPACT FULL SIDELITES
 PART OR ASSEMBLY
 OUTSWING VERTICAL AND HORIZONTAL SECTIONS
 IN WOOD

DATE: 2/23/2012
 SCALE: NONE
 DWG. BY: G.LUBBECKE
 CHK. BY: S.SAFFELL
 DRAWING No.: D015859
 SHEET 3 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.

HERMES F. NORERO
 LICENSE NO. 73778
 STATE OF FLORIDA
 PROFESSIONAL ARCHITECT

HERMES F. NORERO
 FLORIDA P.E. NO. 73778
 398 E. DANIA BEACH BLVD. STE. 338
 DANIA BEACH, FL 33004
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 WITH NON-IMPACT FULL SIDELITES

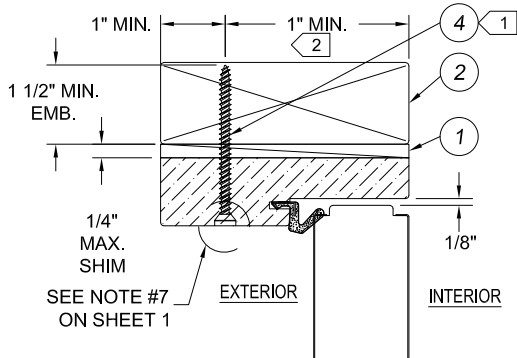
PART OR ASSEMBLY

OUTSWING VERTICAL AND HORIZONTAL SECTIONS
 IN MASONRY/CONCRETE

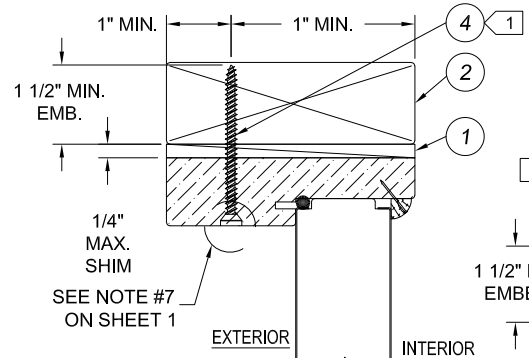
DATE: 2/23/2012
 SCALE: NONE
 DWG. BY: G.LUBBECKE
 CHK. BY: S.SAFFELL

DRAWING No.:
D015859

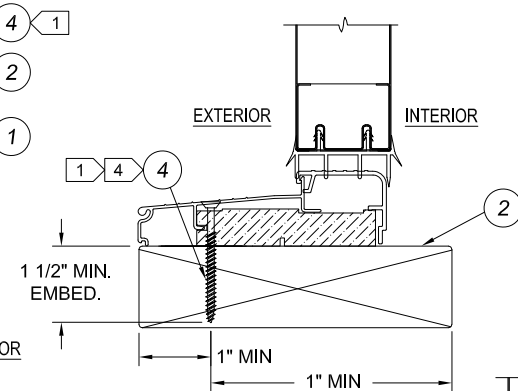
SHEET 4 OF 7



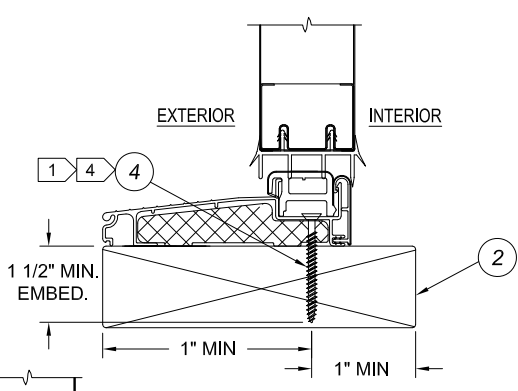
**INSWING OPERATING UNIT
VERTICAL CROSS SECTION
HEAD JAMB**



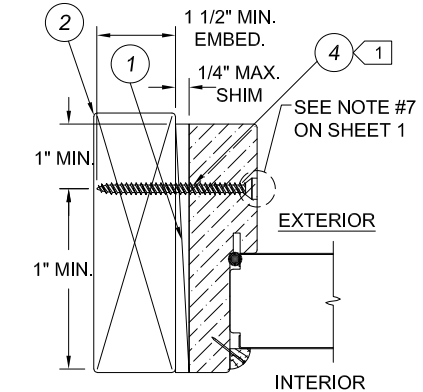
**INSWING FIXED UNIT
VERTICAL CROSS SECTION
HEAD JAMB**



**INSWING OPERATING UNIT
VERTICAL CROSS SECTION**

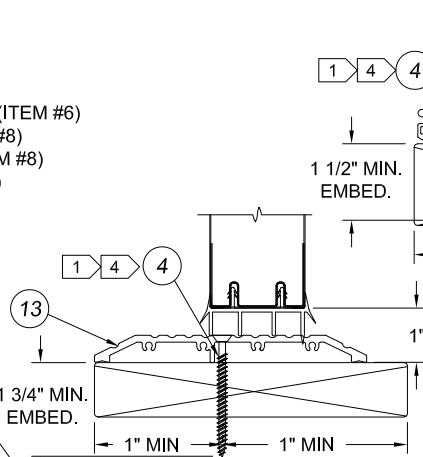
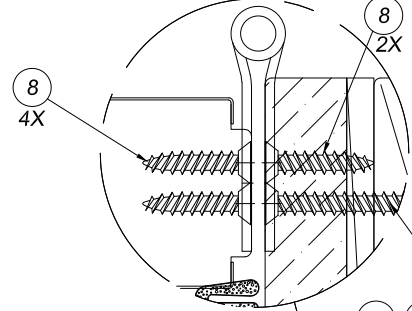


**INSWING OPERATING UNIT
VERTICAL CROSS SECTION**

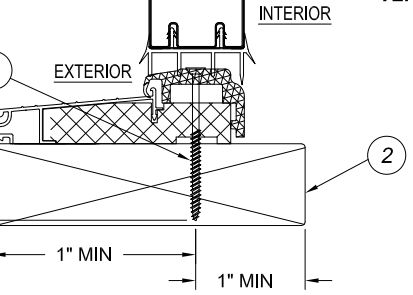


**FIXED UNIT
HORIZONTAL CROSS SECTION
INSWING SHOWN**

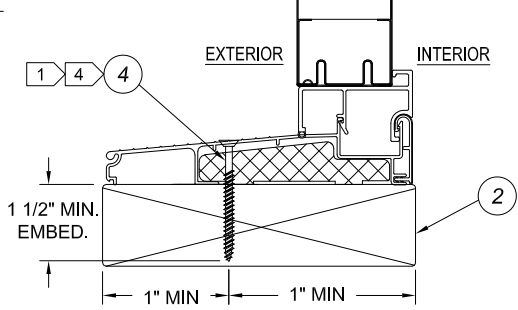
HINGE DETAIL:
 TOP = 6 SCREWS (ITEM #8), 2 SCREWS (ITEM #6)
 CENTER TOP = 8 SCREWS (ITEM #8)
 CENTER BOTTOM = 8 SCREWS (ITEM #8)
 BOTTOM = 8 SCREWS (ITEM #8)



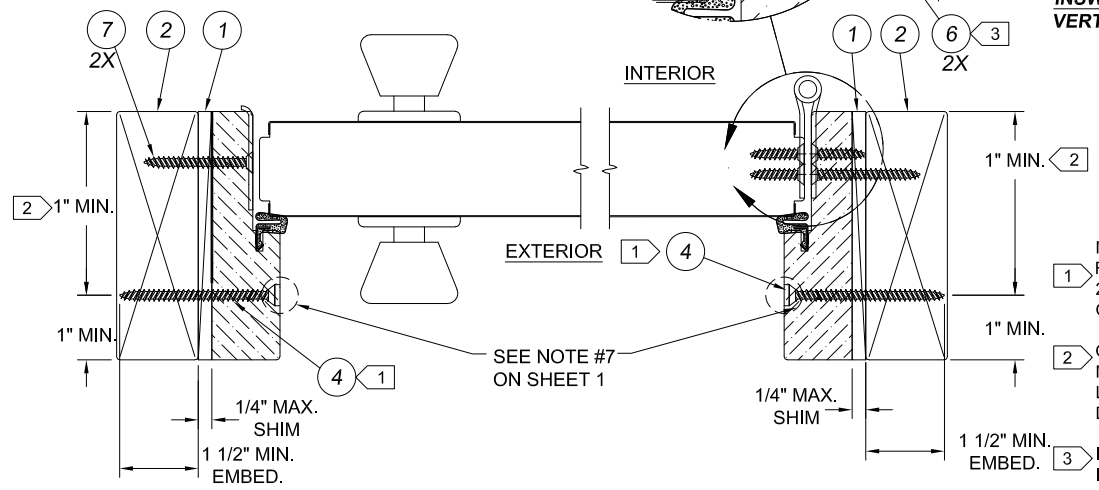
**INSWING OPERATING UNIT
VERTICAL CROSS SECTION
ADA SILL**



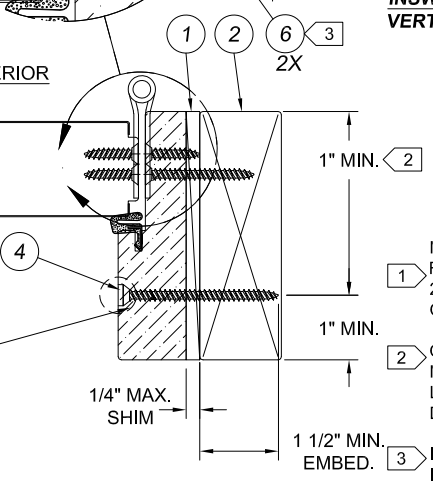
**INSWING OPERATING UNIT
VERTICAL CROSS SECTION**



**INSWING OPERATING UNIT
VERTICAL CROSS SECTION**

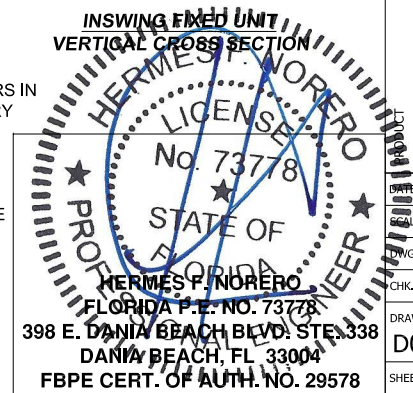


**INSWING LATCH JAMB AT FRAME
HORIZONTAL CROSS SECTION**



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

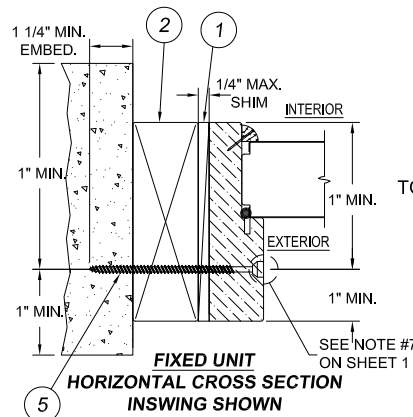
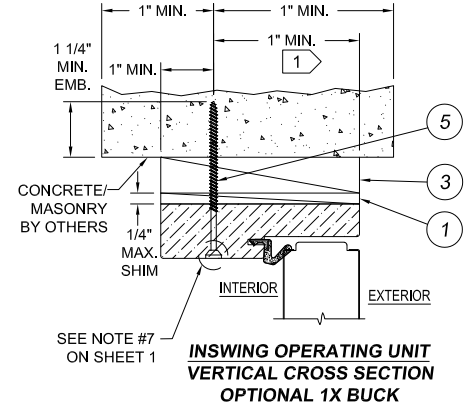
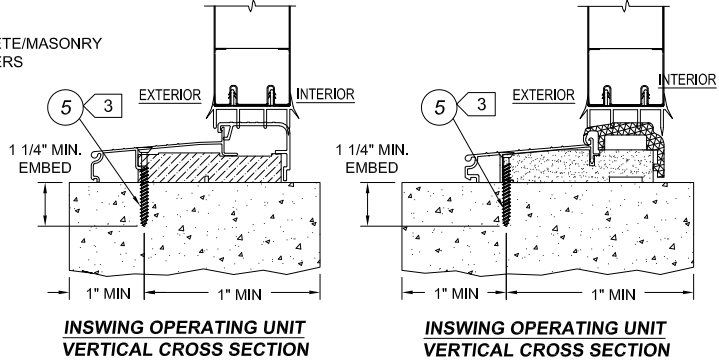
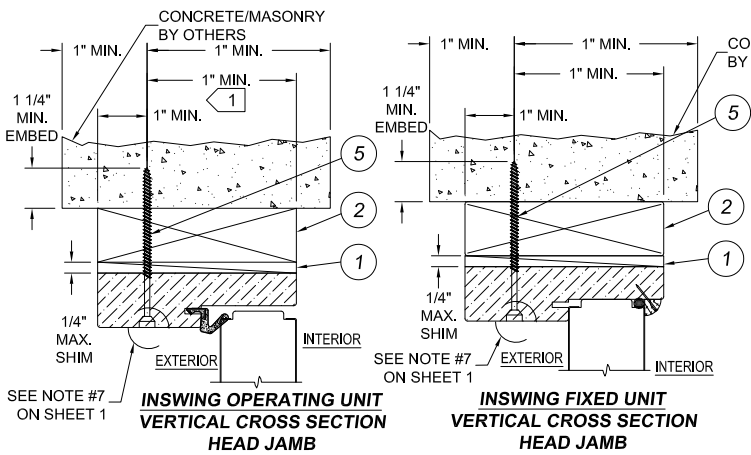
- NOTES:**
- 1 FOR PLACEMENT OF ITW TAPCON ANCHORS IN 2X BUCK OR 1X BUCK CONCRETE/MASONRY OPENINGS, SEE SHEET 6
 - 2 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.
 - 3 ITEM #6, (#9 X 2 1/2") TWO SCREWS TO BE INSTALLED IN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



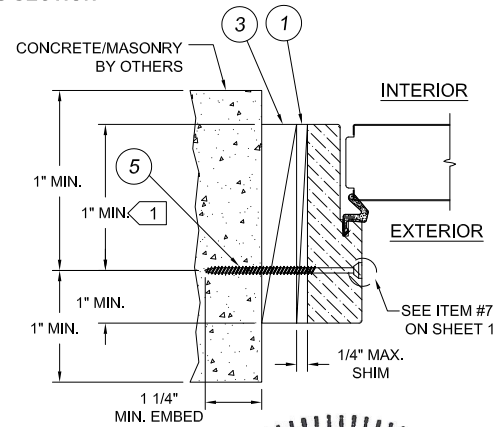
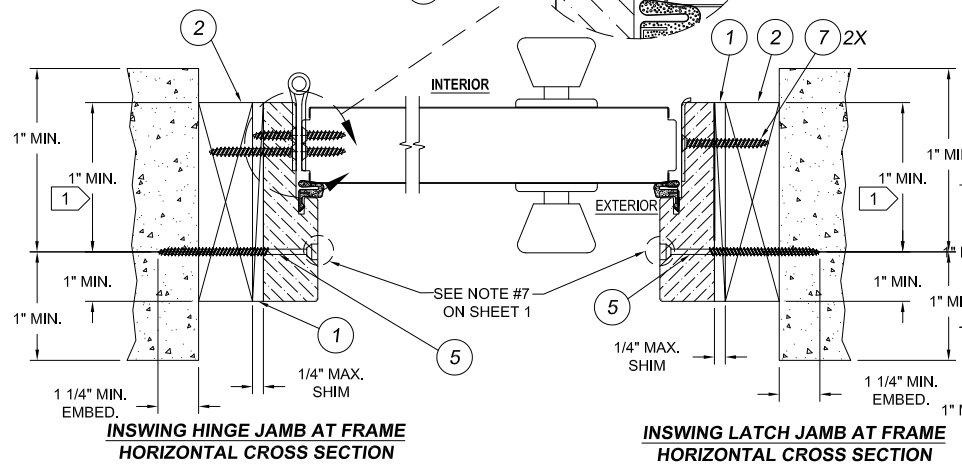
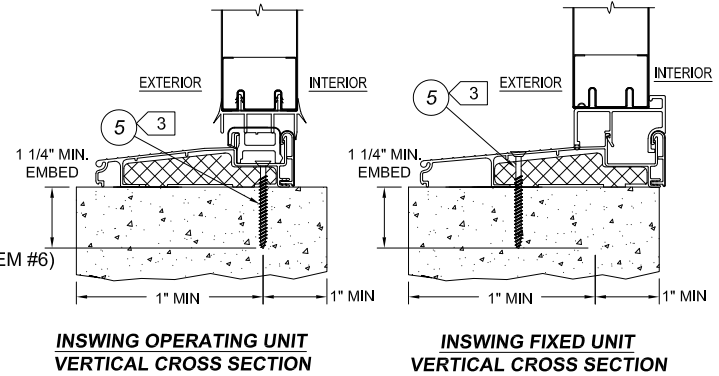
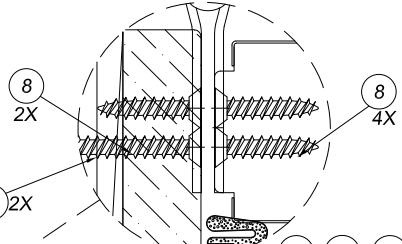
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24 GA. STEEL W.E. 12-0 X 8-0 FULL LITE
 WITH NON-IMPACT FULL SIDELITES
 PART OR ASSEMBLY
 INSWING VERTICAL AND HORIZONTAL SECTIONS
 IN WOOD

DATE: 2/23/2012
 SCALE: NONE
 DWG. BY: G.LUBBECKE
 CHK. BY: S.SAFFELL
 DRAWING No.: D015859
 SHEET 5 OF 7



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



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.

CONCRETE/MASONRY BY OTHERS

1 1/2" MIN. EMBED.

OPTIONAL MASONRY/CONCRETE INSTALL CROSS SECTION OF HEAD JAMB OR SIDE JAMB

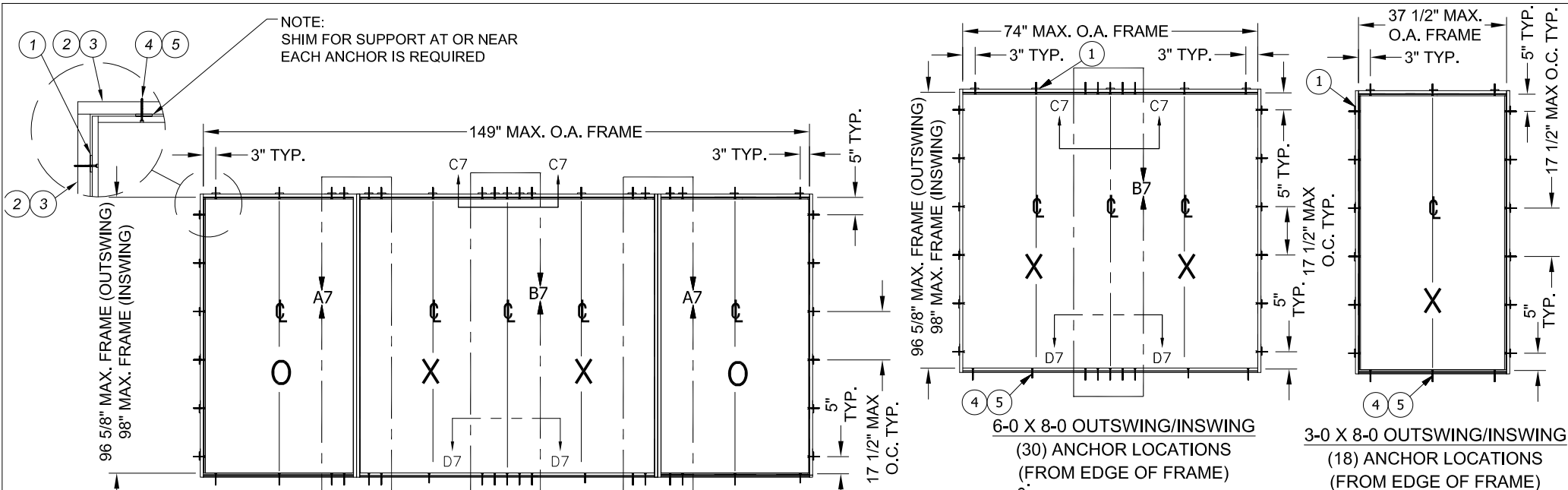
HERMES P. NO. 73778
 LICENSED PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 398 E. DANIA BEACH BLVD. STE. 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTH. NO. 29578

JELLOWEN
 WINDOWS & DOORS
 3737 Lakeport Blvd.
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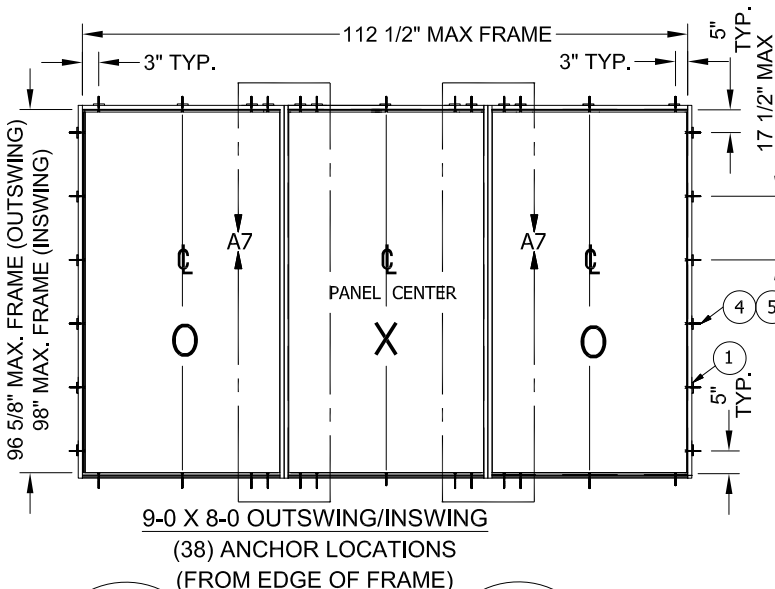
24 GA. STEEL W.E. 12-0 X 8-0 FULL LITE
 WITH NON-IMPACT FULL SIDELITES
 PART OR ASSEMBLY
 INSWING VERTICAL AND HORIZONTAL SECTIONS
 IN MASONRY/CONCRETE

DATE: 2/23/2012
 SCALE: NONE
 DWG. BY: G.LUBBECKE
 CHK. BY: S.SAFFELL
 DRAWING No.: D015859
 SHEET 6 OF 7

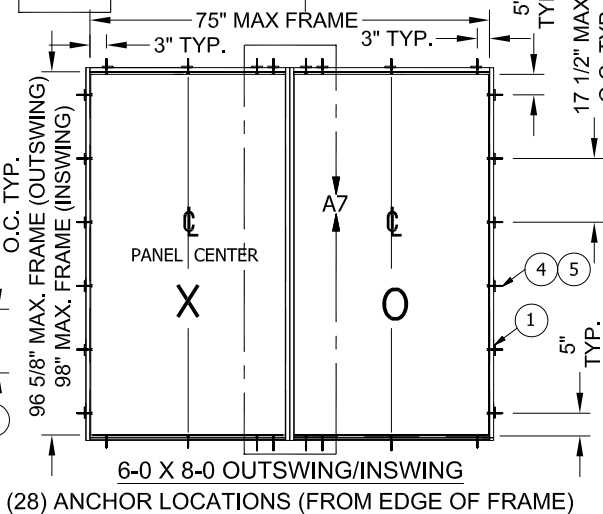
NOTE:
SHIM FOR SUPPORT AT OR NEAR
EACH ANCHOR IS REQUIRED



12-0 X 8-0 OUTSWING/INSWING
(50) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)



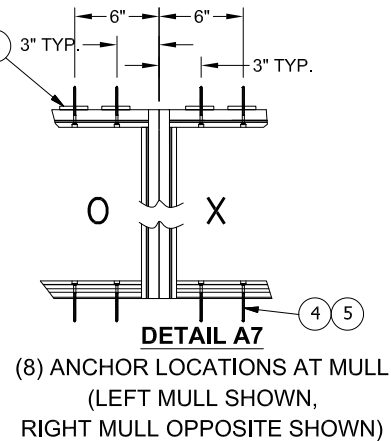
9-0 X 8-0 OUTSWING/INSWING
(38) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)



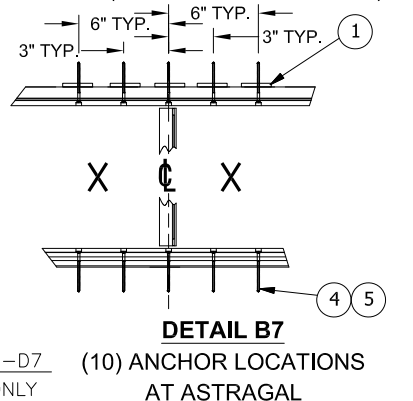
6-0 X 8-0 OUTSWING/INSWING
(28) ANCHOR LOCATIONS (FROM EDGE OF FRAME)

6-0 X 8-0 OUTSWING/INSWING
(30) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)

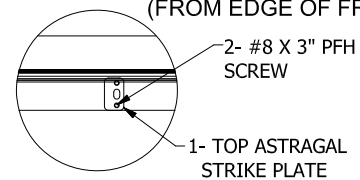
3-0 X 8-0 OUTSWING/INSWING
(18) ANCHOR LOCATIONS
(FROM EDGE OF FRAME)



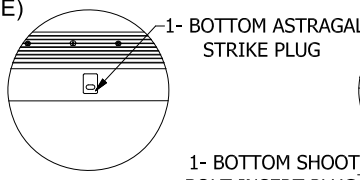
DETAIL A7
(8) ANCHOR LOCATIONS AT MULLION
(LEFT MULLION SHOWN,
RIGHT MULLION OPPOSITE SHOWN)



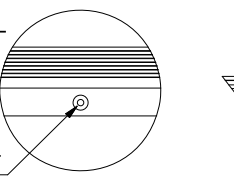
DETAIL B7
(10) ANCHOR LOCATIONS
AT ASTRAGAL



DETAIL C7-C7
OUTSWING OR INSWING



DETAIL D7-D7
OUTSWING ONLY



DETAIL D7-D7
INSWING ONLY

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24 GA. STEEL W.E. 12-0 X 8-0 FULL LITE
WITH NON-IMPACT FULL SIDELITES
PART OR ASSEMBLY
INSWING AND OUTSWING ANCHORING DETAILS

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SHEET 7 OF 7