

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/4 INCH MINIMUM EMBEDMENT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS, ALUMINUM FRAMING, AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING IN ACCORDANCE WITH CURRENT FBC PROTECTION STANDARDS.
- FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3152 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, (OR GREATER). MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

JELD-WEN, inc.

CUSTOM COLLECTION CLAD AWNING WINDOW WINDOW

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN NON-HVHZ AREAS AND TO BE REVIEWED BY A.H.J (AUTHORITY HAVING JURISDICTION).
- DEVIATION FROM THIS APPROVAL WITHIN THE HVHZ REQUIRES ONE-TIME APPROVAL FROM MIAMI-DADE COUNTY (PERA).
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: WOOD AURALAST
CLADDING MATERIAL: ALUMINUM 6063-T5
- IN ACCORDANCE WITH CURRENT FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAME SHALL BE PROTECTED AS DEFINED IN SEC 2003.
- IN ACCORDANCE WITH CURRENT FBC, SECTION 2411 WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN SECTION 2326.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300-04 GLASS CHARTS. SEE SHEET 3 FOR GLAZING DETAILS.

TABLE OF CONTENTS		
SHEET	REVISION	SHEET DESCRIPTION
1	-	INSTALLATION & GENERAL NOTES
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5	-	NAIL FIN INSTALLATION DETAILS
6	-	THROUGH JAMB INSTALLATION DETAILS
7	-	STRAP INSTALLATION DETAILS
8	-	COMPONENTS & BILL OF MATERIALS

SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
48" X 32"	+65 / -75 PSF	LARGE AND SMALL MISSILE IMPACT RATED

3250 Lakeport Blvd
Klamath Falls, OR. 97601
Phone: (541) 882-3451

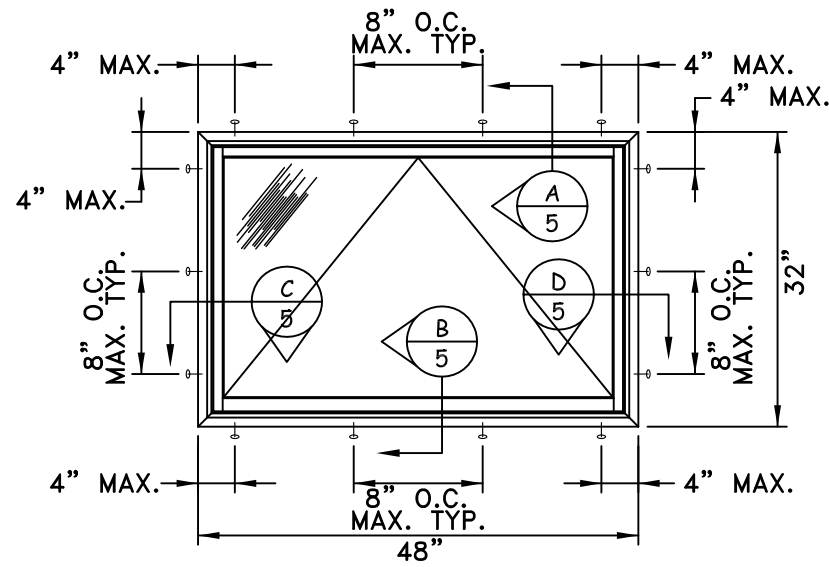
JELD-WEN

DATE: 4/2/2012
SCALE: NTS
TITLE: Custom Clad Awning Window
INSTALLATION & GENERAL NOTES

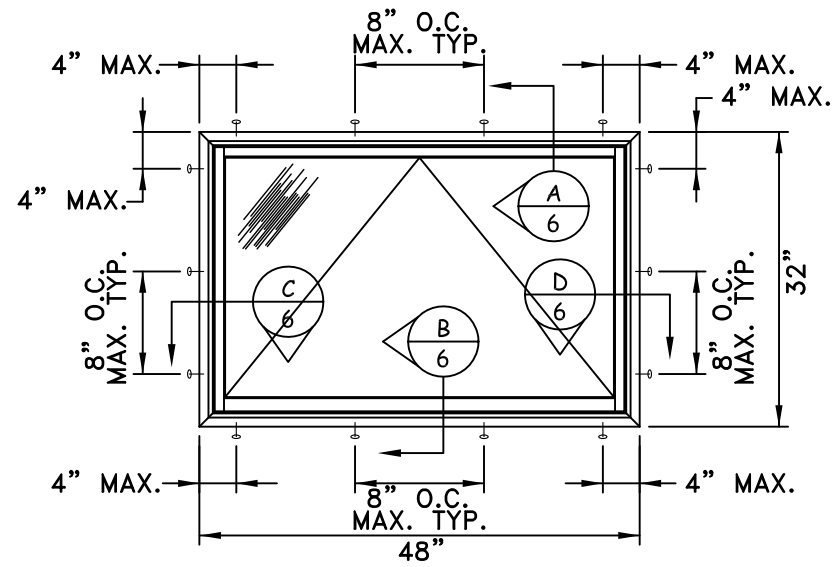
PROJECT ENGINEER: --
DRAWN BY: D. Vezo
CHECKED BY: --
APPROVED BY: --
PART/PROJECT No.: --
IDENTIFIER No. N/A

CAD DWG. No.: JW029
PLANT NAME AND LOCATION: Bend, Oregon

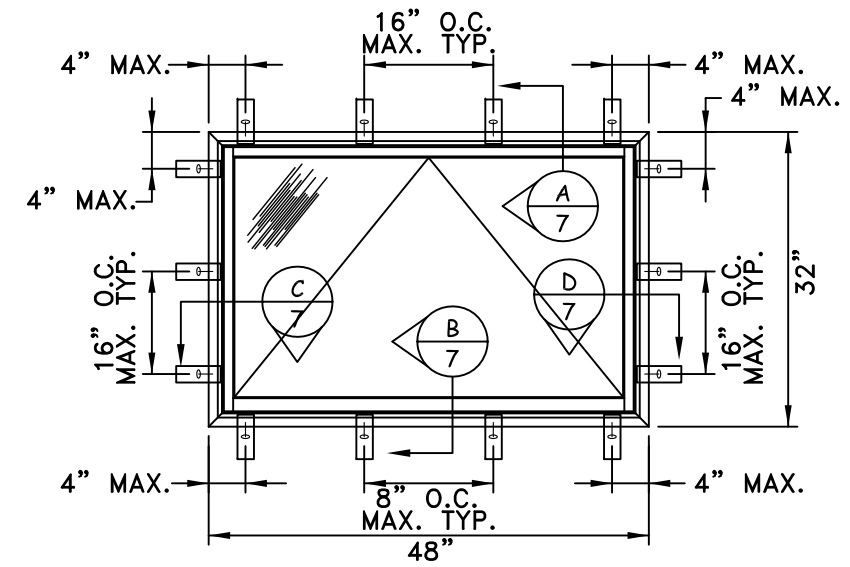
REV: 00
SHEET 1 OF 8



1
3 ANCHOR ELEVATION FOR
INSTALLATION WITH NAIL FIN
N.T.S. EXTERIOR ELEV



2
3 ANCHOR ELEVATION FOR
INSTALLATION THROUGH FRAME
N.T.S. EXTERIOR ELEV



3
3 ANCHOR ELEVATION FOR
INSTALLATION WITH STRAP
N.T.S. EXTERIOR ELEV

ANCHOR SCHEDULE

TO HOLLOW BLOCK OR 3192 PSI MIN
CONCRETE HOST STRUCTURE

1/4" TAPCONS (ITW) THRU 1X OR
DIRECTLY INTO MASONRY/CONCRETE
WITH 1-1/4" MIN. EMBEDMENT.

TO WOOD BUCK OR HOST STRUCTURE
(MIN S.G. = 0.55)

#14 WOOD SCREWS WITH 1-1/2" MIN.
THREAD PENETRATION.

ANCHOR NOTES

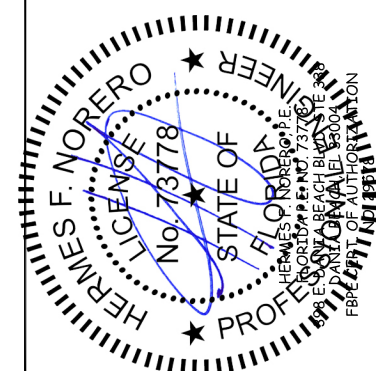
1. SEE ANCHOR ELEVATIONS FOR ANCHOR LOCATIONS AND/OR SPACING.
2. ANCHORAGE METHODS, INCLUDING ANCHOR TYPES SHOW MAXIMUM SPACING, ARE APPLICABLE TO ALL SHAPED UNIT SHOWN ON SHEET 2.
3. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
4. TAPCONS MANUFACTURED BY ITW.
5. ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS INTO CONCRETE AND INTO HOLLOW BLOCK.
6. WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2X (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
7. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINES G=0.55 OR GREATER DENSITY.
8. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
9. ANCHOR SCHEDULE APPLIES TO ALL PRODUCTS CERTIFIED HEREIN.
10. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
11. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.

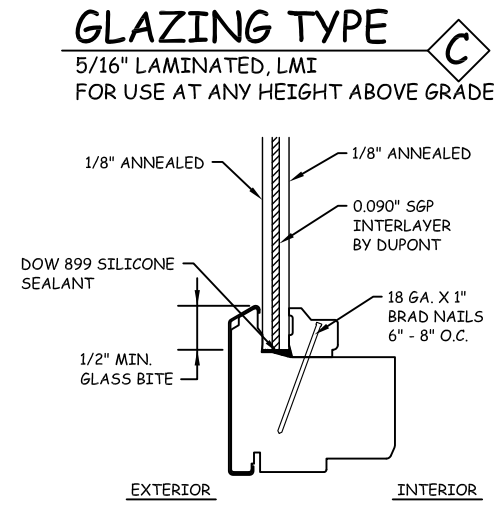
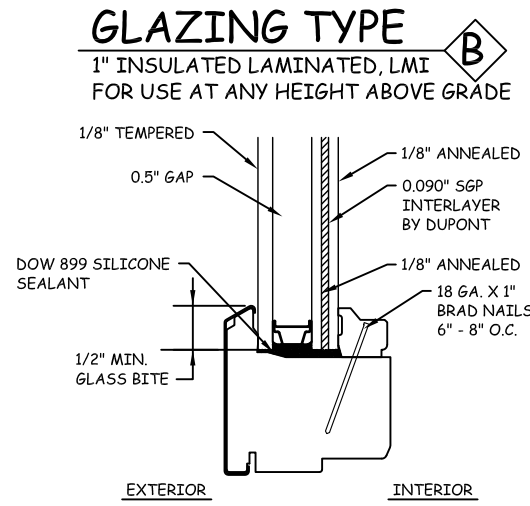
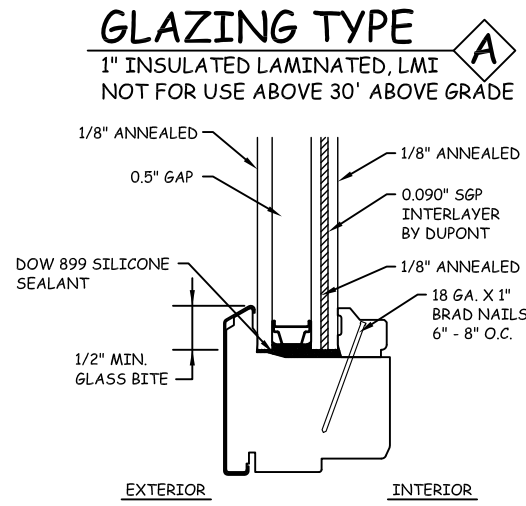
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3250 Lakeport Blvd
Klamath Falls, OR. 97601
Phone: (541) 882-3451

Custom Clad Awning Window
Elevations and Anchor Layouts

PROJECT ENGINEER:	DATE: 4/2/2012	TITLE:
DRAWN BY: D. Vezo	SCALE: NTS	
CHECKED BY:		
APPROVED BY:		
PARTY/PROJECT No.:		
IDENTIFIER No.:		
PLANT NAME AND LOCATION:		
		Bend, Oregon
		REV: 00
		SHEET 2 OF 8
		CAD DWG. No.: JW029





1
3 **GLAZING DETAILS**
 N.T.S. VERTICAL SECTION

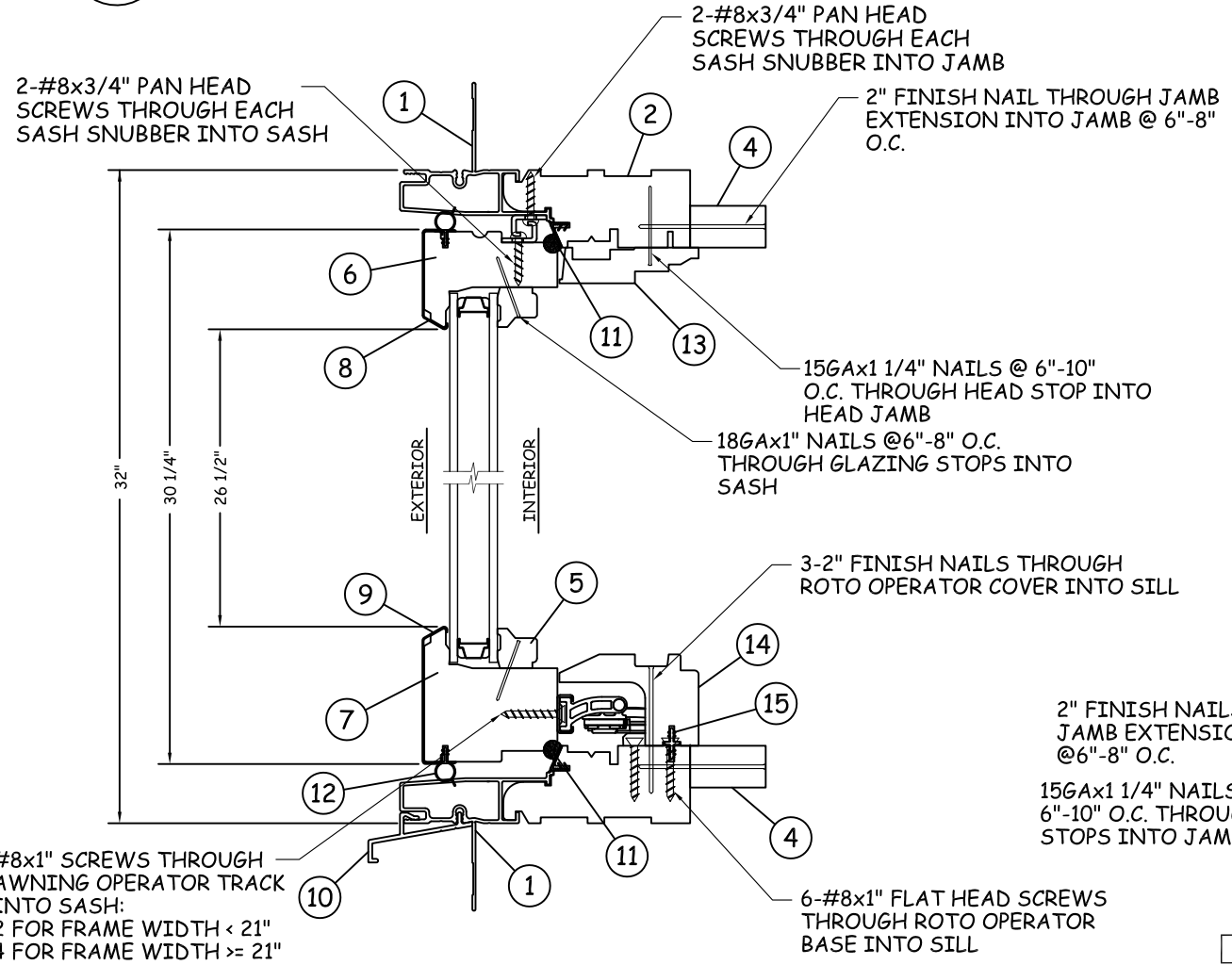


JELD-WEN
 3250 Lakeport Blvd
 Klamath Falls, OR. 97601
 Phone: (541) 882-3451

PROJECT ENGINEER: --
 DRAWN BY: D. Vezo
 CHECKED BY: --
 APPROVED BY: --
 PART/PROJECT No.: --
 IDENTIFIER No.: N/A

DATE: 4/2/2012
 SCALE: NTS
 TITLE: Custom Clad Awning Window Glazing Details

A TYPICAL HEAD ASSEMBLY
4 N.T.S. VERTICAL SECTION



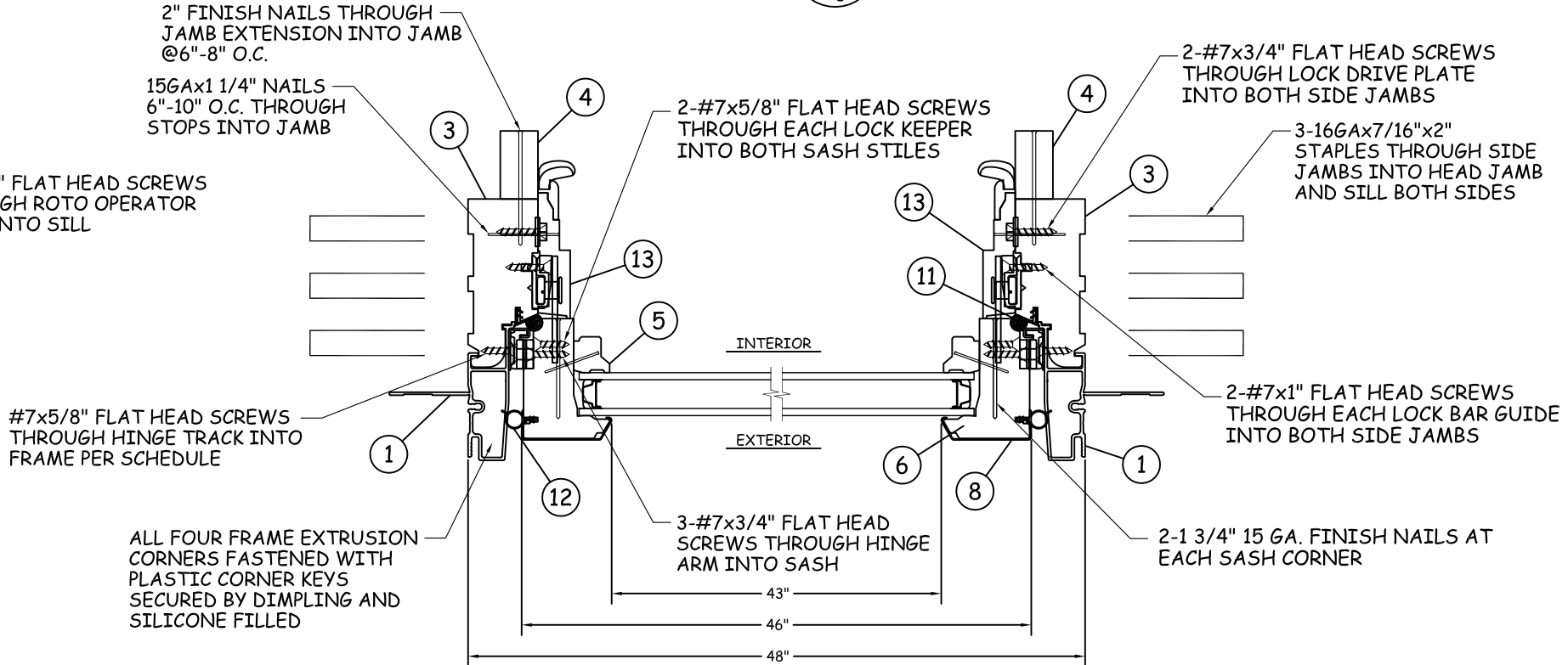
HORIZONTAL HARDWARE NOTES:

- HINGE TO FRAME SCREW SCHEDULE - #7X5/8" PH FH
 10" HINGE: 3 SCREWS
 14" HINGE: 4 SCREWS
 18" HINGE: 5 SCREWS
 22" HINGE: 6 SCREWS
 26" HINGE: 7 SCREWS

- HINGE TO SASH SCREW SCHEDULE - #7X3/4" PH FH
 10" HINGE: 3 SCREWS
 14" HINGE: 3 SCREWS
 18" HINGE: 3 SCREWS
 22" HINGE: 3 SCREWS
 26" HINGE: 3 SCREWS

- LOCK BAR SCREW SCHEDULE - #7X1" PH FH
 AWNING LOCK BAR: 6 SCREWS
 18" LOCK BAR: 6 SCREWS

D TYPICAL JAMB ASSEMBLY
4 N.T.S. HORIZONTAL SECTION



B TYPICAL SILL ASSEMBLY
4 N.T.S. VERTICAL SECTION

VERTICAL HARDWARE NOTES:

- OPERATOR SCREW SCHEDULE - #8 X 1" PH FH
 ROTO AWNING OPERATOR: 6 SCREWS
 NARROW ROTO AWNING OPERATOR: 6 SCREWS
 LEVER OPERATORS: 4 SCREWS
- SASH BRACKET SCHEDULE - #8 X 1" PH FH
 ROTO AWNING OPERATOR (SASH TRACK): 4 SCREWS
 NARROW ROTO AWNING OPERATOR: 2 SCREWS
 LEVER OPERATOR (SINGLE PULL): 2 SCREWS
 LEVER OPERATORS (DOUBLE PULL): 4 SCREWS
- SNUBBER SCREW SCHEDULE - #8 X 3/4" PH FH
 PER SNUBBER: 2 SCREWS
 UNITS <48": 4 SCREWS
 UNITS =>48": 12 SCREWS

- SNUBBER LOCATION SCHEDULE AT HEAD:
 (1) FOR FRAME WIDTH <= 24"
 (2) FOR FRAME WIDTH > 24" AND <= 48"
 (3) FOR FRAME WIDTH > 48"

C TYPICAL JAMB ASSEMBLY
4 N.T.S. HORIZONTAL SECTION

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 Klamath Falls, OR. 97601
 Phone: (541) 882-3451

JELD-WEN

Custom Clad Awning Window
 Assembly Sections

DATE: 4/2/2012
 SCALE: NTS
 TITLE:

PROJECT ENGINEER:
 DRAWN BY: D. Vezo
 CHECKED BY:
 APPROVED BY:
 PART/PROJECT No.:

IDENTIFIER No. N/A

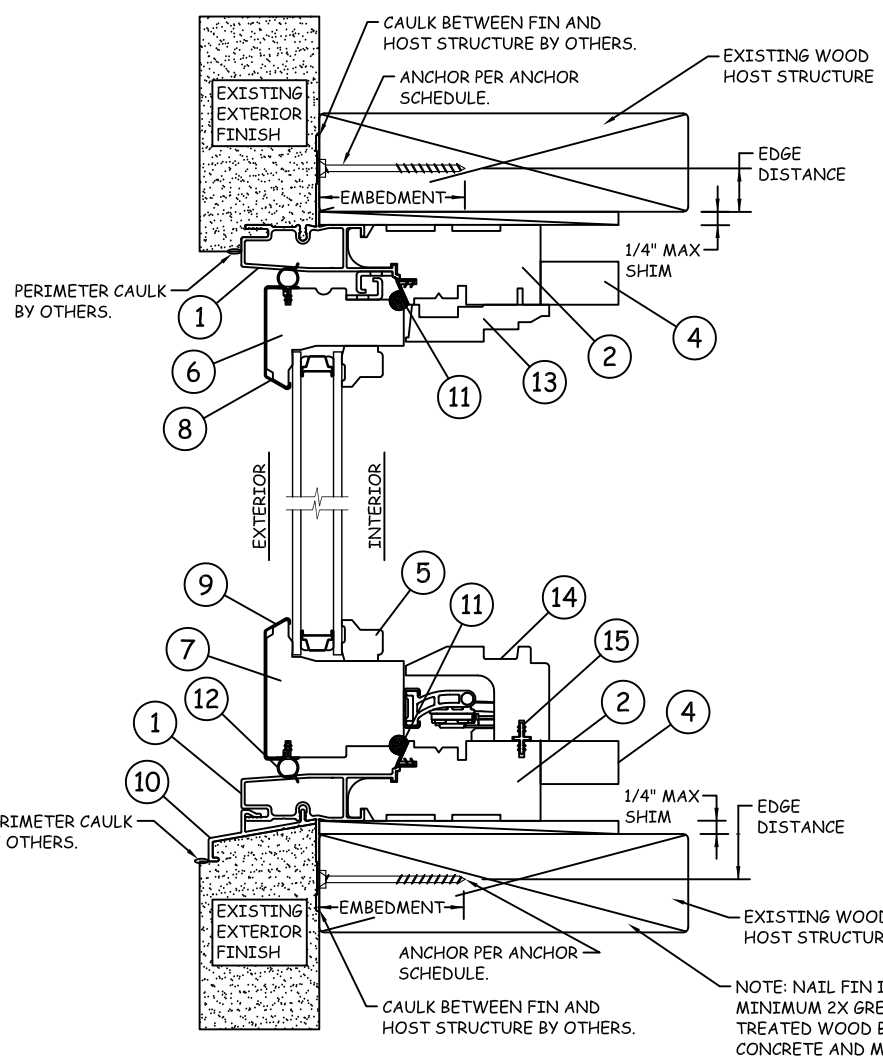
CAD DWG. No.: JW029
 REV: 00
 SHEET 4 OF 8

PLANT NAME AND LOCATION:
 Bend, Oregon



A
5 N.T.S. VERTICAL SECTION

INSTALLATION WITH FIN AT FRAME HEAD



B
5 N.T.S. VERTICAL SECTION

INSTALLATION WITH FIN AT FRAME SILL

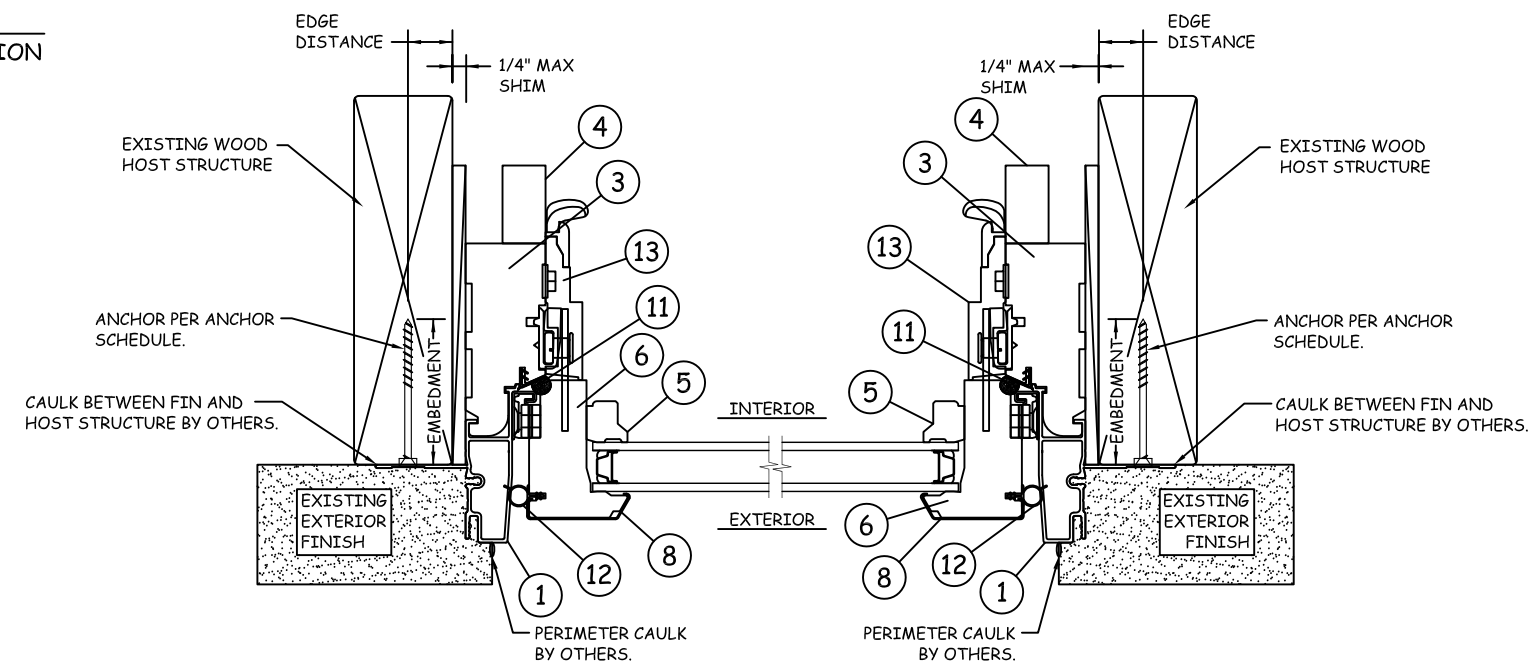
C
5 N.T.S. HORIZONTAL SECTION

INSTALLATION WITH FIN AT FRAME JAMB

NOTE: SEE ANCHOR SCHEDULE AND ANCHOR NOTES FOR REQUIRED EDGE DISTANCES AND EMBEDMENTS.

D
5 N.T.S. HORIZONTAL SECTION

INSTALLATION WITH FIN AT FRAME JAMB



3250 Lakeport Blvd
Klamath Falls, OR. 97601
Phone: (541) 882-3451

JELD-WEN

Custom Clad Awning Window
Nail Fin Installation Details

DATE: 4/2/2012

SCALE: NTS

TITLE:

PROJECT ENGINEER:

DRAWN BY: D. Vezo

CHECKED BY:

APPROVED BY:

PARTY/PROJECT No.:

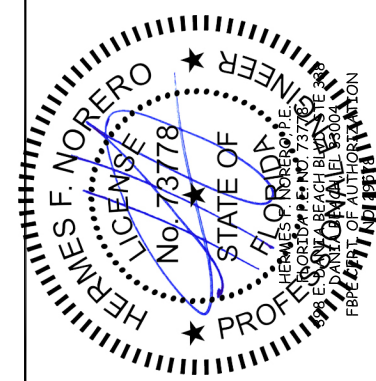
IDENTIFIER No. N/A

PLANT NAME AND LOCATION:
Bend, Oregon

CAD DWG. No.: JMW029

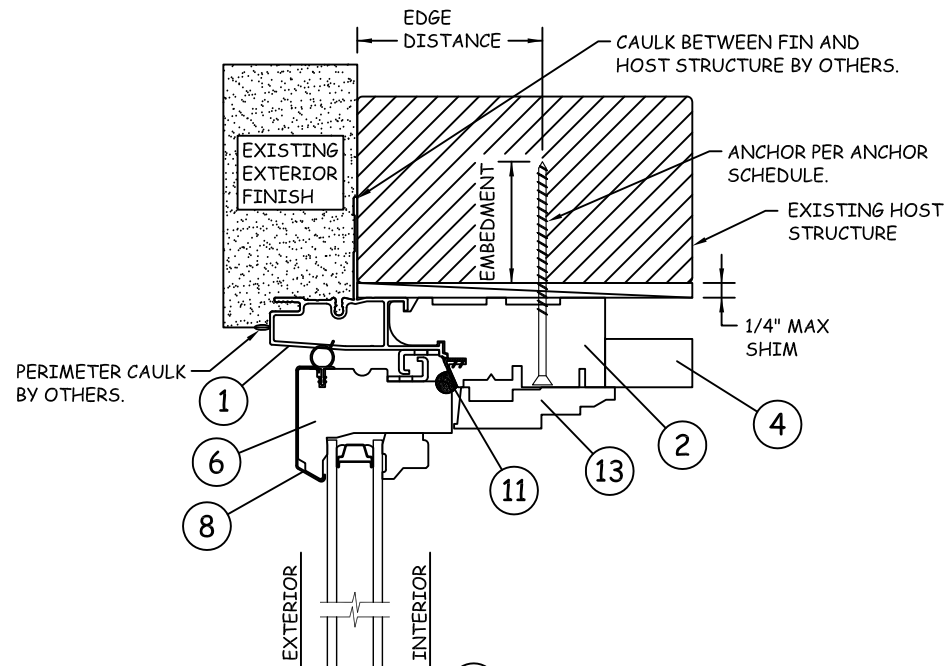
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SHEET 5 OF 8



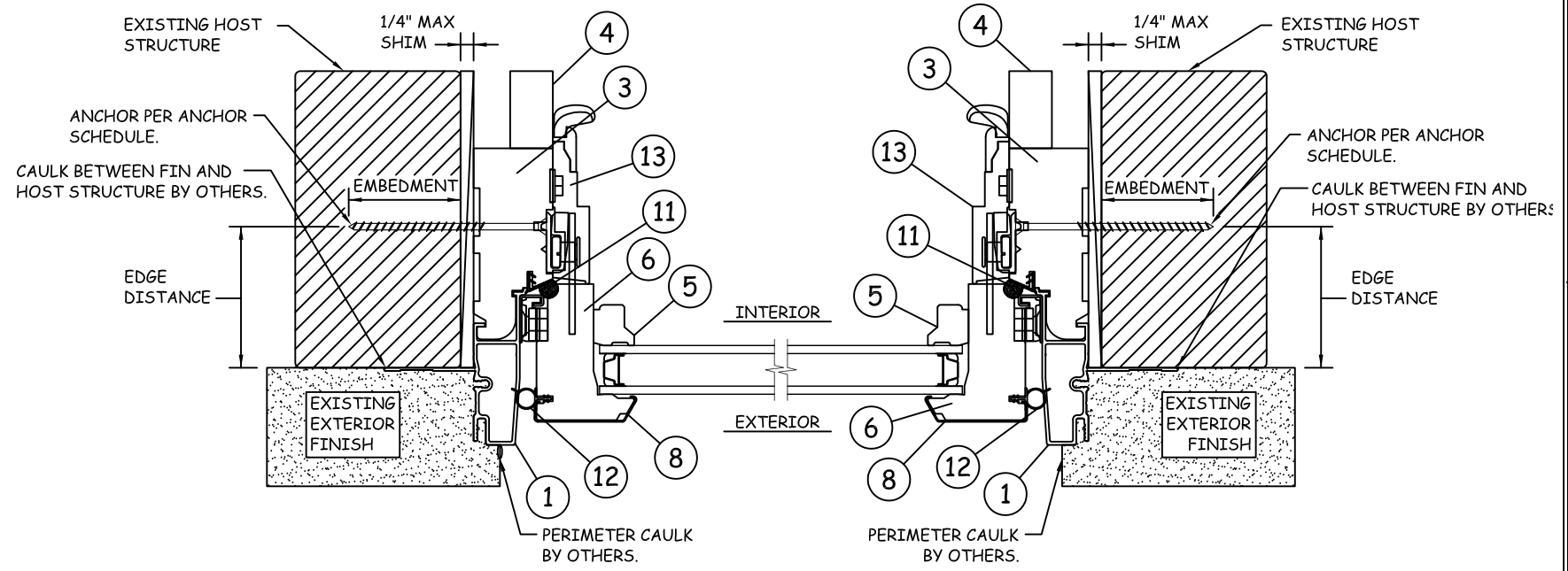
INSTALLATION THROUGH FRAME HEAD

A
6 N.T.S. VERTICAL SECTION



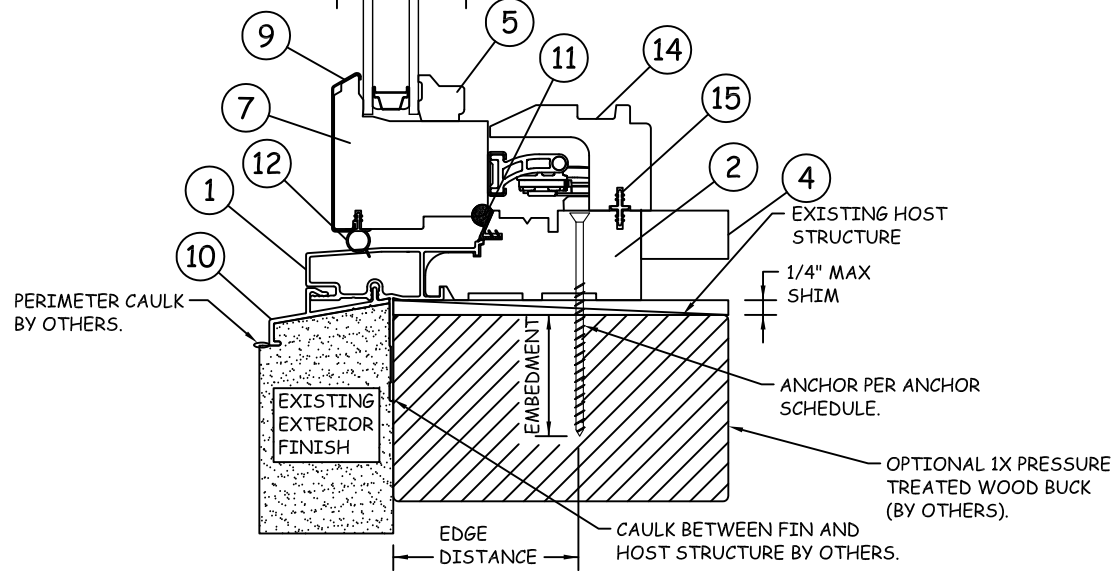
INSTALLATION THROUGH FRAME JAMB

D
6 N.T.S. HORIZONTAL SECTION



INSTALLATION THROUGH FRAME JAMB

C
6 N.T.S. HORIZONTAL SECTION



NOTE: SEE ANCHOR SCHEDULE AND ANCHOR NOTES FOR REQUIRED EDGE DISTANCES AND EMBEDMENTS.

INSTALLATION THROUGH FRAME SILL

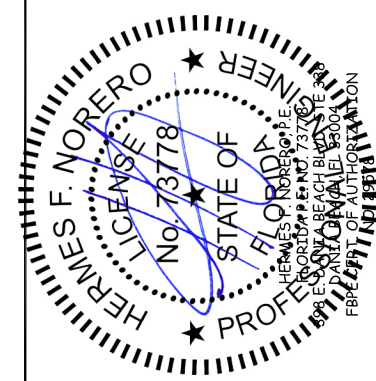
B
6 N.T.S. VERTICAL SECTION

Custom Clad Awning Window
Through Jamb Installation Details

JELD-WEN

3250 Lakeport Blvd
Klamath Falls, OR. 97601
Phone: (541) 882-3451

PROJECT ENGINEER:	DATE: 4/2/2012	TITLE:
DRAWN BY: D. Vezo	SCALE: NTS	
CHECKED BY:		
APPROVED BY:		
PART/PROJECT No.:		
IDENTIFIER No.:		
CAD DWG. No.:	REV: 00	SHEET 6 OF 8
PLANT NAME AND LOCATION:	Bend, Oregon	

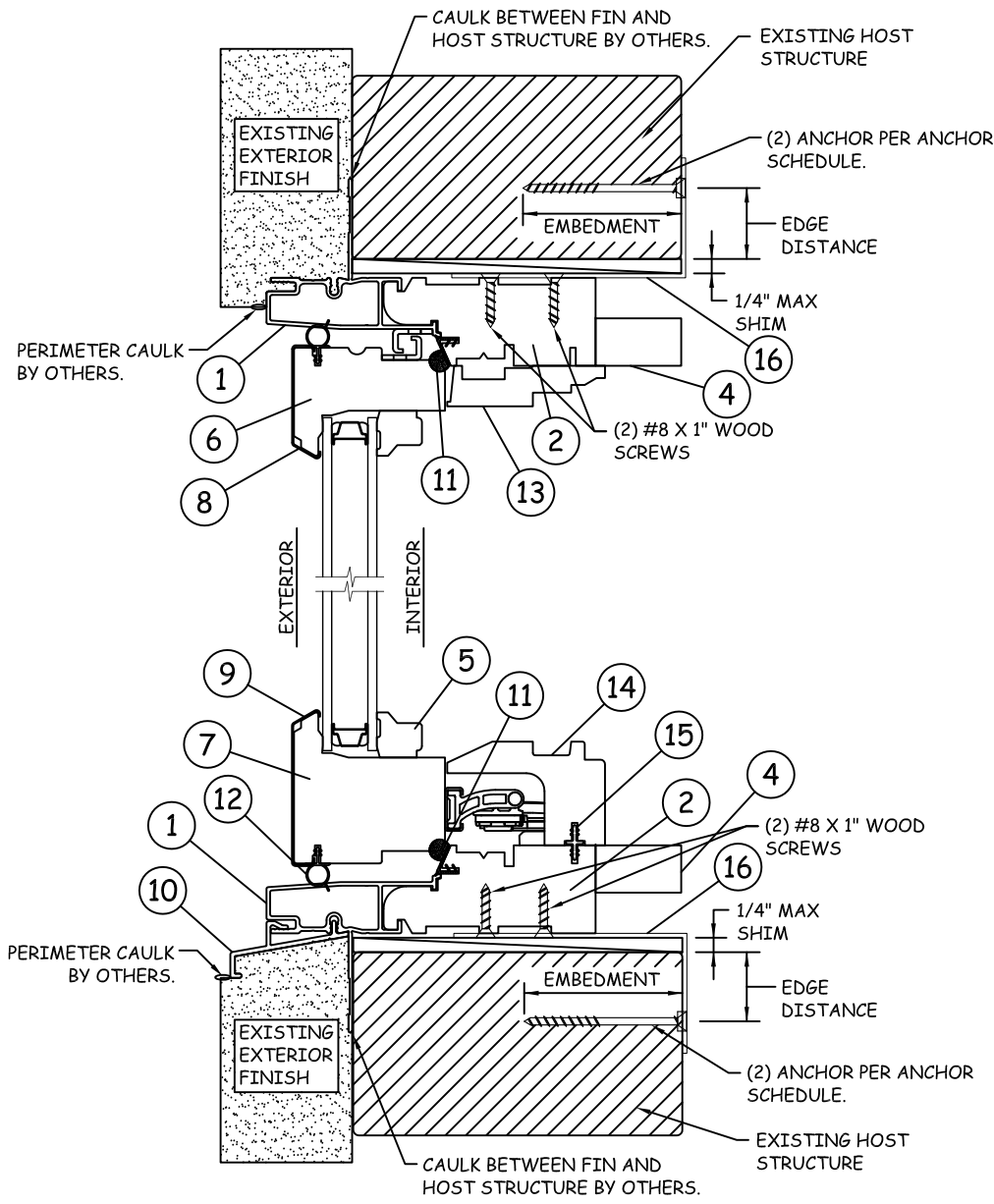


INSTALLATION WITH STRAP AT FRAME HEAD

A
7

N.T.S.

VERTICAL SECTION

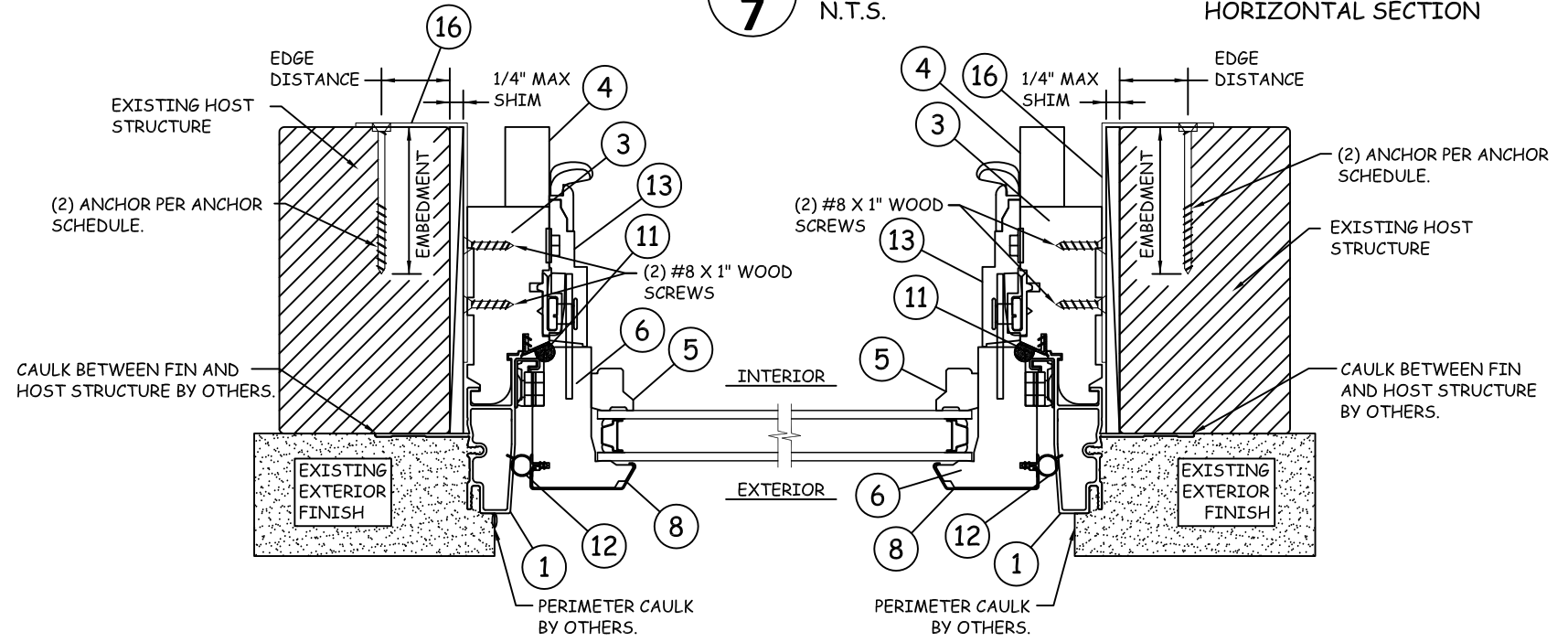


INSTALLATION WITH STRAP AT FRAME JAMB

D
7

N.T.S.

HORIZONTAL SECTION



INSTALLATION WITH STRAP AT FRAME JAMB

C
7

N.T.S.

HORIZONTAL SECTION

NOTE: SEE ANCHOR SCHEDULE AND ANCHOR NOTES FOR REQUIRED EDGE DISTANCES AND EMBEDMENTS.

INSTALLATION WITH STRAP AT FRAME SILL

B
7

N.T.S.

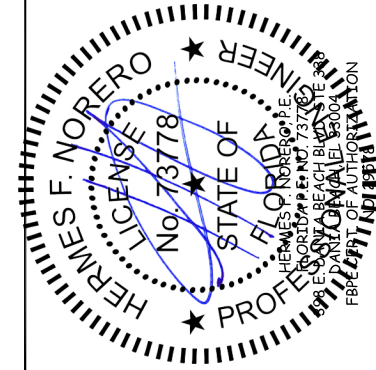
VERTICAL SECTION

3250 Lakeport Blvd
Klamath Falls, OR. 97601
Phone: (541) 882-3451

JELD-WEN

Custom Clad Awning Window
Strap Installation Details

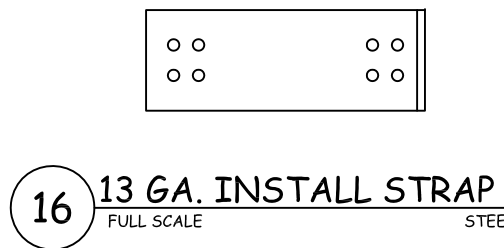
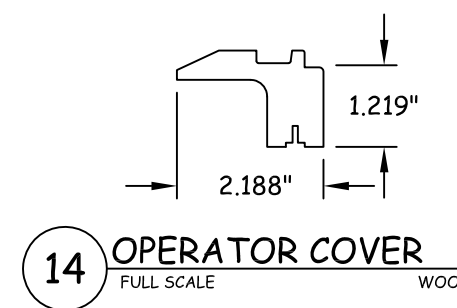
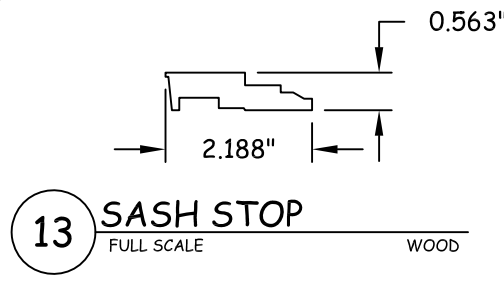
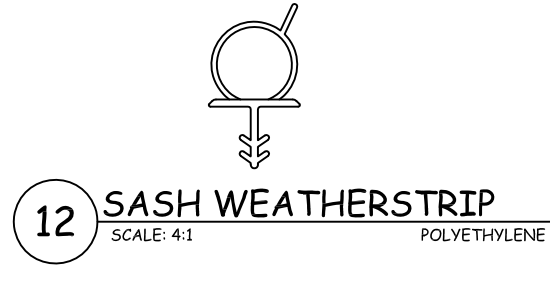
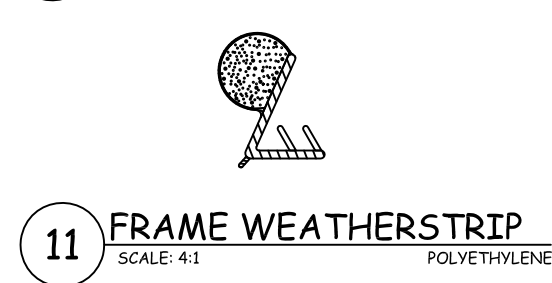
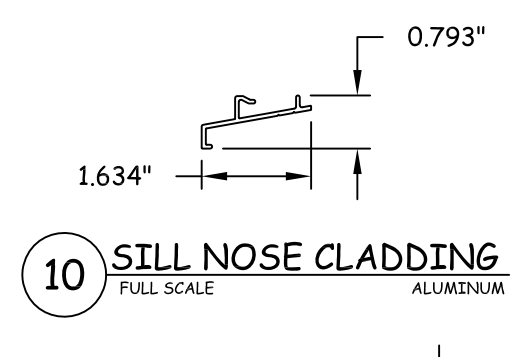
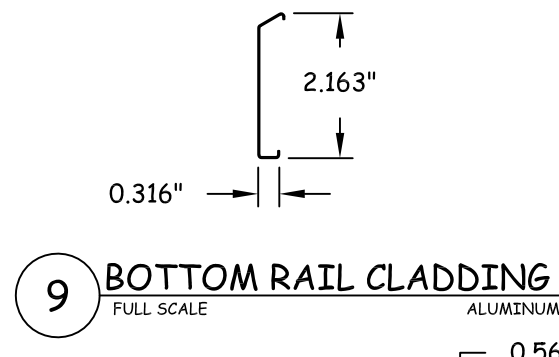
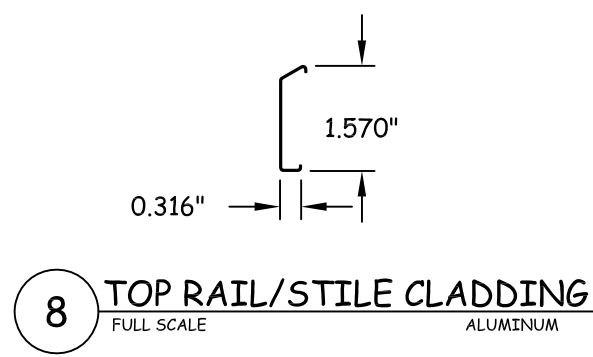
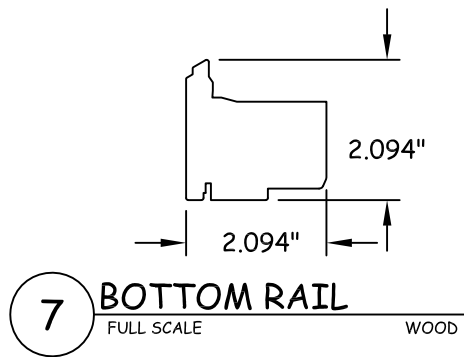
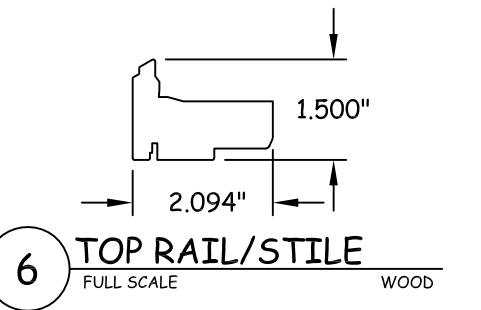
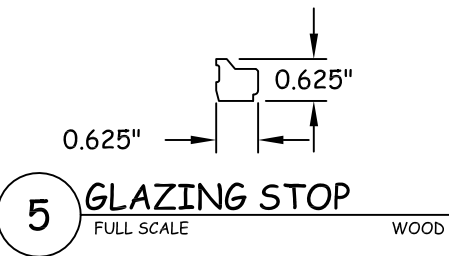
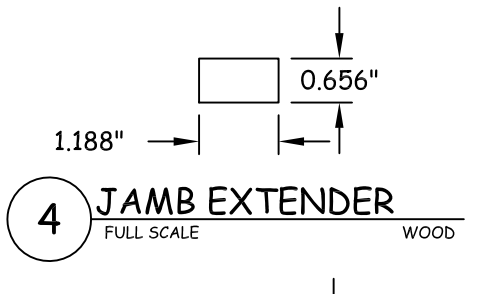
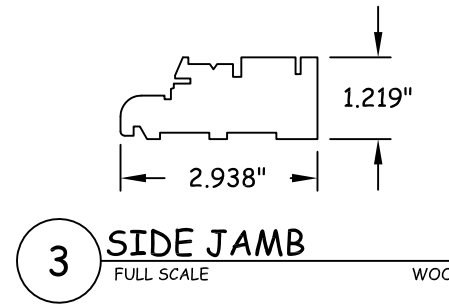
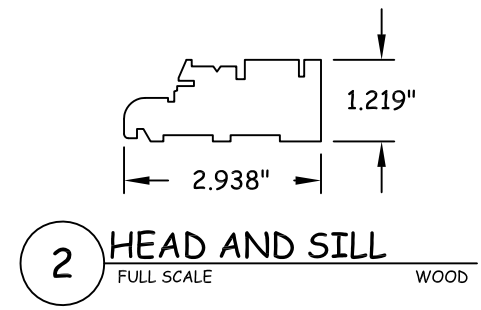
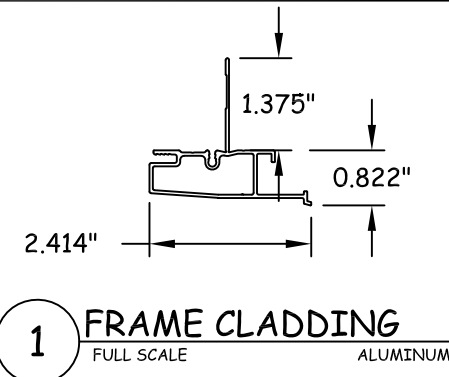
DATE:	4/2/2012
SCALE:	NTS
TITLE:	
PROJECT ENGINEER:	--
DRAWN BY:	D. Vezo
CHECKED BY:	--
APPROVED BY:	--
PART/PROJECT No.:	--
IDENTIFIER No.:	N/A
CAD DWG. No.:	JW029
PLANT NAME AND LOCATION:	Bend, Oregon



BILL OF MATERIALS

ITEM NO.	DESCRIPTION	PART NUMBER	MATERIAL	MANUFACTURER
1	FRAME CLADDING	VH-53638	ALUMINUM	INDALEX
2	HEAD/SILL	CA0151HJ	WOOD	
3	SIDE JAMB	CA0174SJ	WOOD	
4	JAMB EXTENDER	CA260AJE	WOOD	
5	GLAZING STOP	CA0278SP	WOOD	
6	RAIL/STILE	CA0147RA	WOOD	
7	BOTTOM RAIL	CA0148RA	WOOD	
8	TOP RAIL/STILE CLADDING	1A16498	ALUMINUM	HOMESHIELD
9	BOTTOM RAIL CLADDING	1A16498	ALUMINUM	HOMESHIELD
10	EXTRUDED SILL NOSING	VH-53646	ALUMINUM	INDALEX
11	FRAME WEATHERSTRIP	12261	PVC	AMESBURY
12	SASH WEATHERSTRIP	50468A	PVC	INTEK
13	SASH STOP	CA0275SP	WOOD	
14	OPERATOR COVER	CA0142OC	WOOD	
15	OPER. COVER LOCATING STRIP	30263B	PLASTIC	INTEK
16	13 GA. INSTALL STRAP		STEEL	13 GA.
17	SILICONE SEALANT		SEALANT	DOW CORNING 899

NOTE: ALL WOOD COMPONENTS ARE PRESSURE TREATED AURALAST.



3250 Lakeport Blvd
Klamath Falls, OR. 97601
Phone: (541) 882-3451

DATE: 4/2/2012
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TITLE:

JELD-WEN

Custom Clad Awning Window
Components and Bill of Materials

REV: 00
SHEET 8 OF 8

PROJECT ENGINEER: --
DRAWN BY: D. Vezo
CHECKED BY: --
APPROVED BY: --
PART/PROJECT No.: --
IDENTIFIER No. N/A

CAD DWG. No.: JW029
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