

JELD-WEN®

IWP AURORA EXTERIOR FOLDING DOOR SYSTEM
CUSTOM FIBERGLASS 8-0 GLAZED DOOR

GENERAL NOTES

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT IBC AND FLORIDA BUILDING CODE (FBC) BASED ON THE SIGNED AND SEALED DATE: EXCLUDING HVHZ.
2. 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. DESIGNED PRESSURE RATING SEE TABLE I, PAGE 1.
5. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS FOR HIGH WIND ZONE VELOCITY AREA WHEN USING THE LOW PROFILE BUMPER THRESHOLD.
6. REQUIRES IMPACT RESISTANT SHUTTERS
7. SYSTEMS GROUPS TESTED PER THE FOLLOWING STANDARDS: ASTM E 330-02, ASTM E 283-99, AND AAMA 1304-02.

AURORA FIBERGLASS DOOR
(Common to all frame conditions)

Face sheets: Fiberglass avg. min. yield strength
 $F_y(\text{min.})=6,000$ psi
Skin - 0.094" minimum thickness.

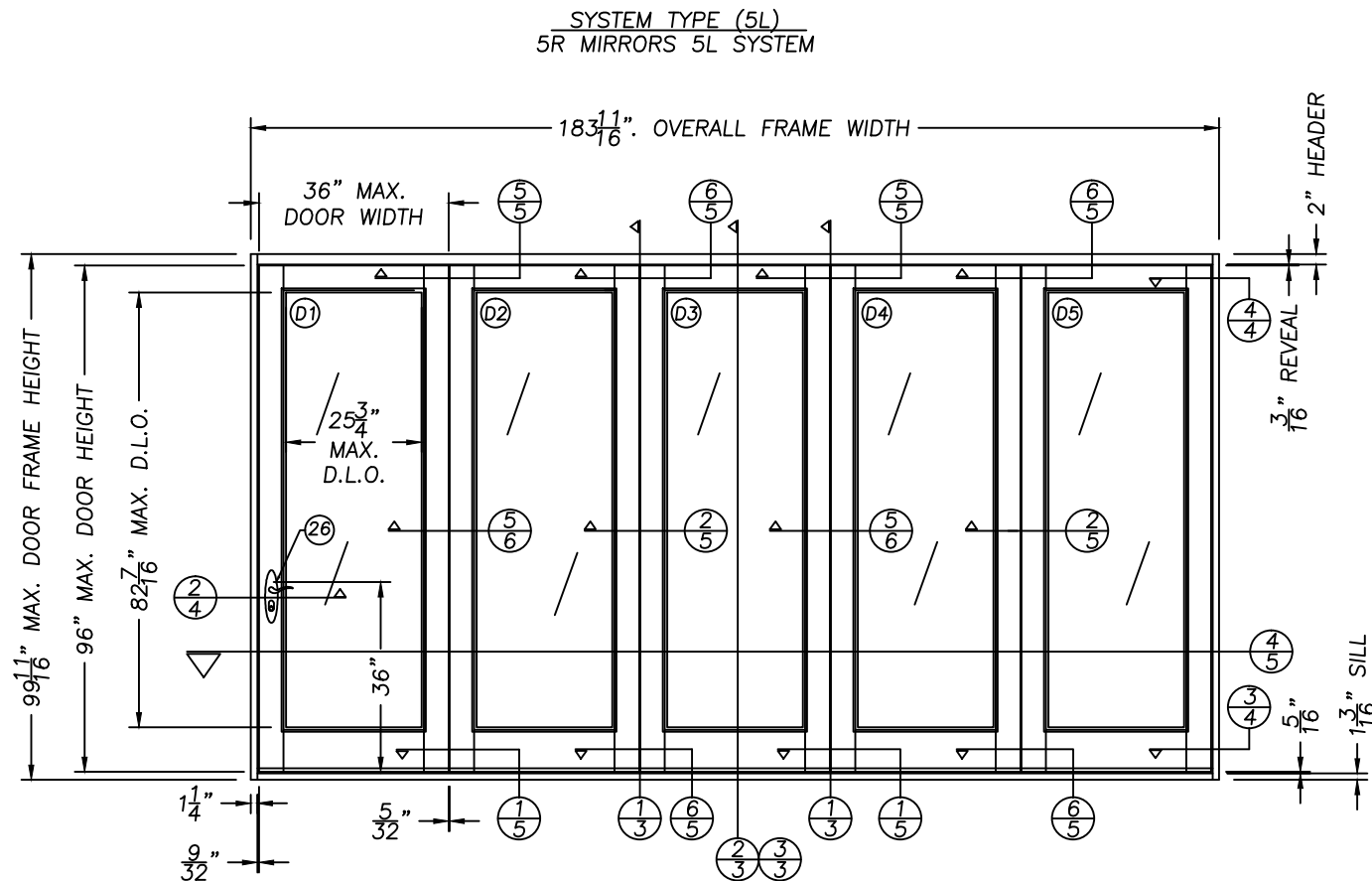
Core design: 13#/CF Polyurethane foam core (A) AND (B)

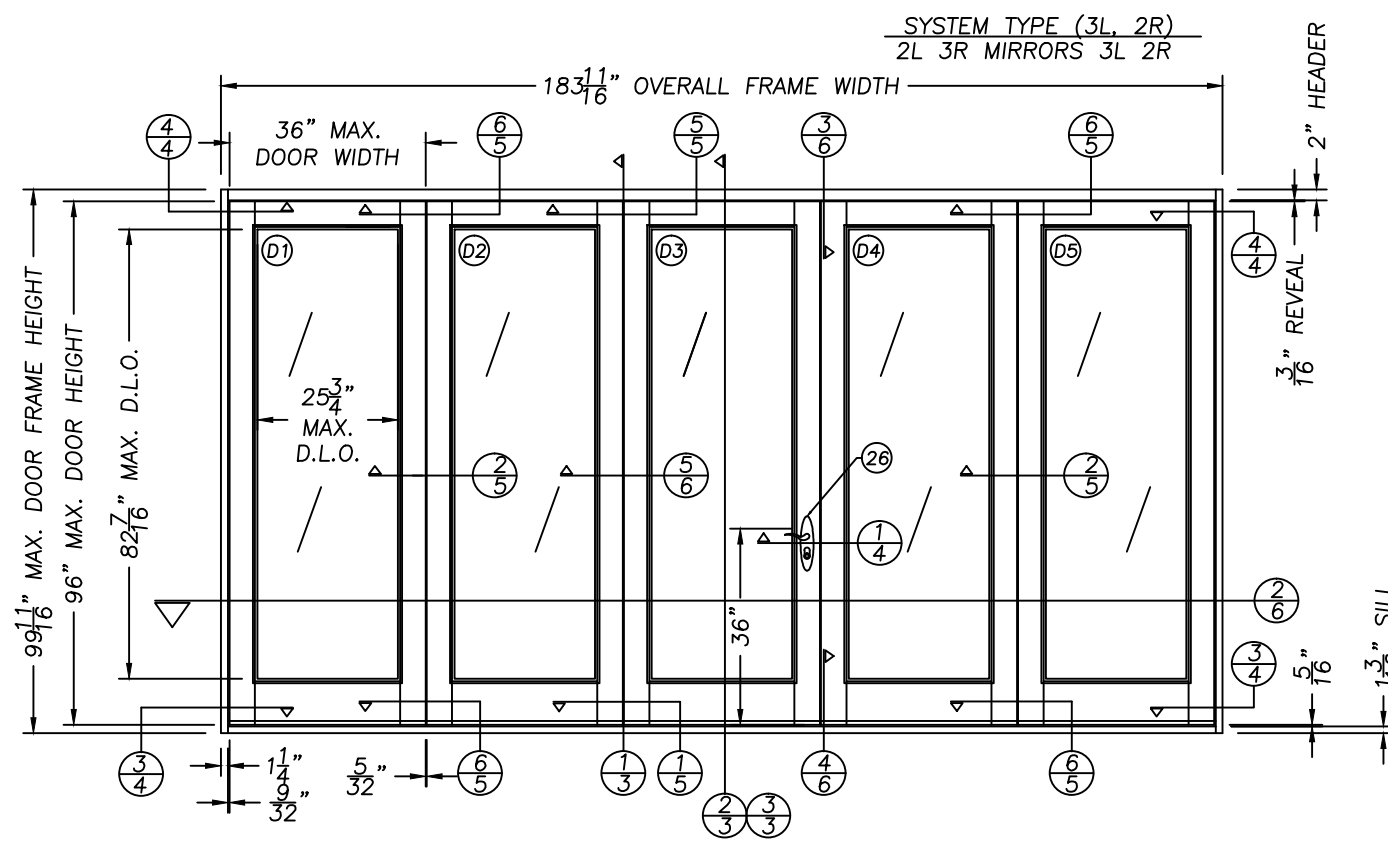
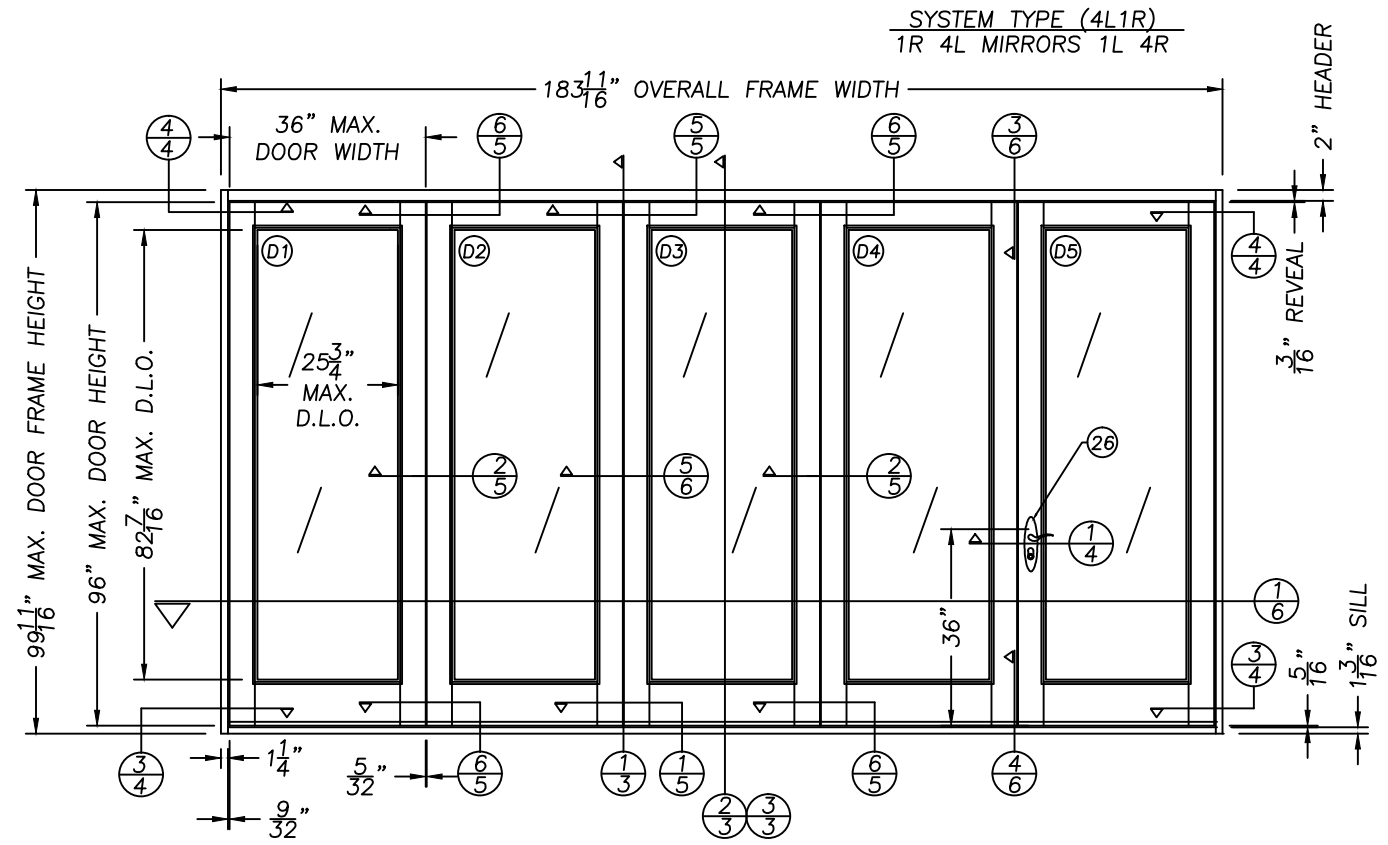
Panel construction: Wood edgebanded LVL, is utilized for the stiles and rails, and is bonded to the fiberglass skins with plexus adhesive. The core is replaced by 5/8 dual clear tempered glass on full lite doors. Fractionally glazed doors will utilize 13#/CF Polyurethane core.

Frame Construction: The frames are constructed of wood 5 5/8" x 1 1/4". The head jambs are mortised and butt joined to the side jambs, and attached with five (4) #10 2" wood screws on each side. The threshold is attached to the side jambs with three (3) #10 2" wood screws on each side.

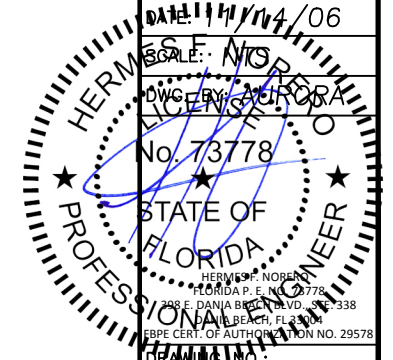
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4,5&6	HORIZONTAL CROSS SECTIONS
7	ASSEMBLY DETAILS & ANCHORING LOCATIONS
8	HARDWARE DETAILS
9	BILL OF MATERIALS & FRAME COMPONENTS

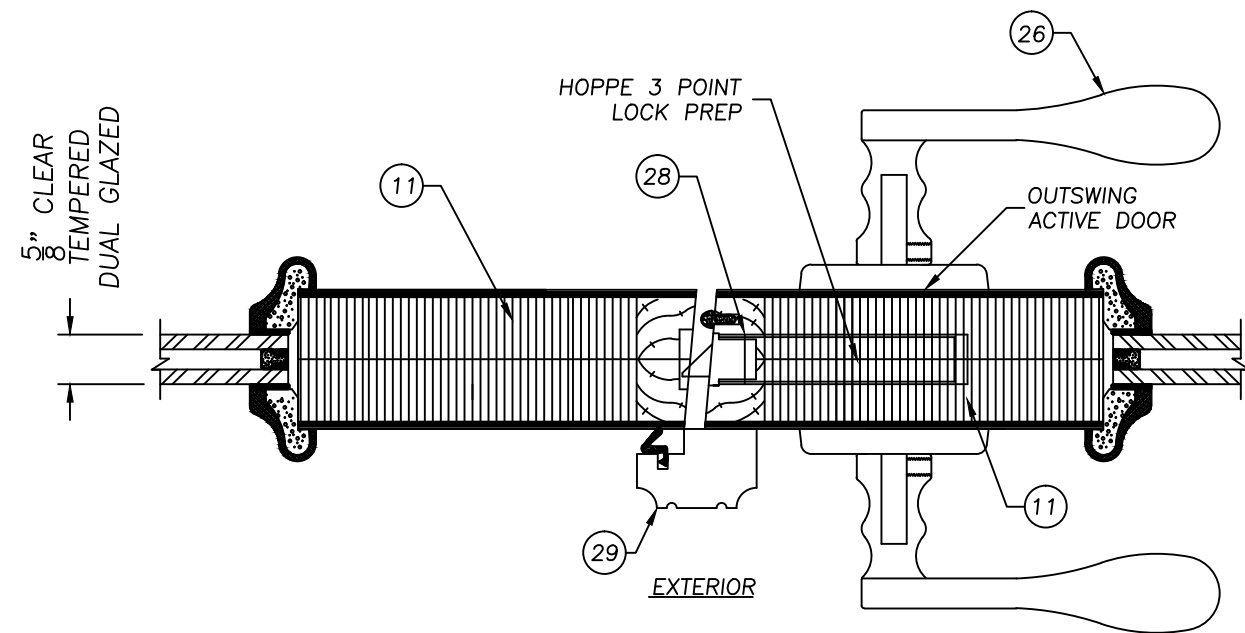




IWP EXTERIOR OUTSWING FOLDING UNIT
ALL DOOR MODELS ARE VIEWED
FROM THE EXTERIOR SIDE

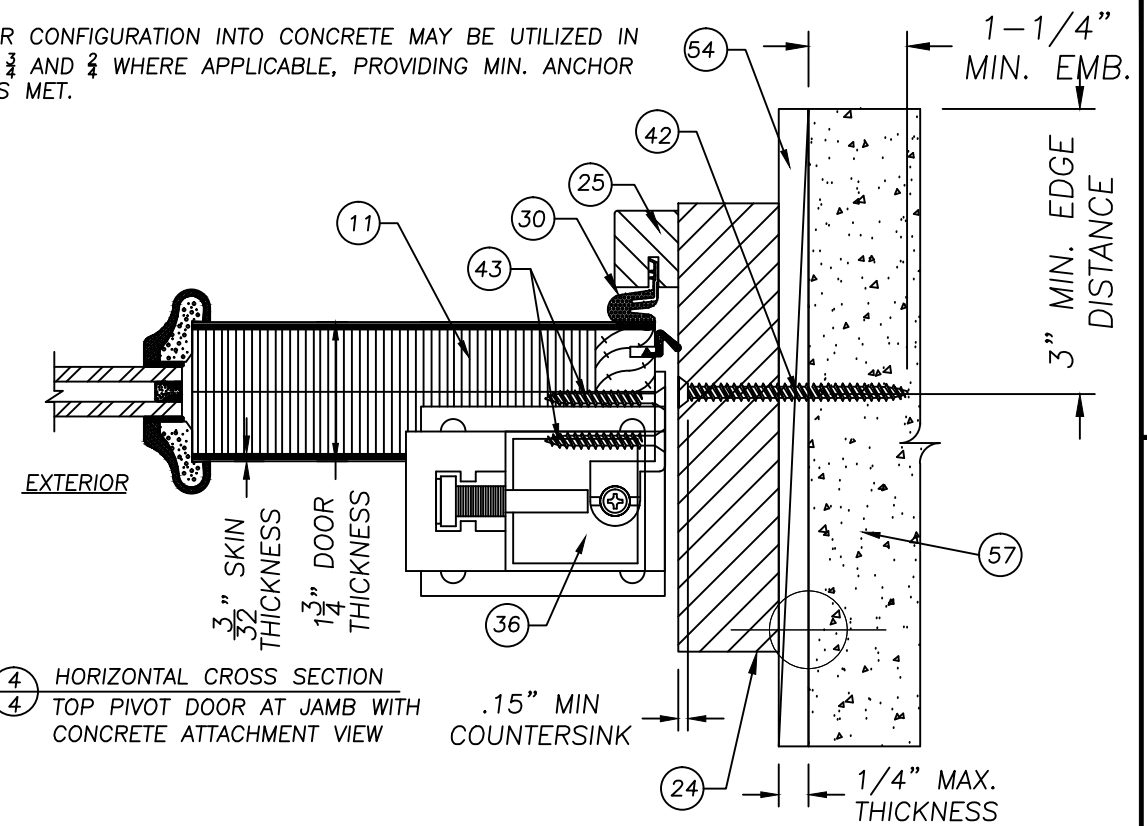


JELD-WEN, INC. 3737 LAKEPORT BLVD. KLAMATH FALLS, OR 97601 PH. 541.882.3451	
PRODUCT: IWP AURORA CUSTOM FIBERGLASS FOLDING DOOR SYSTEM	PART OR ASSEMBLY: TYPICAL ELEVATIONS & GENERAL NOTES
DATE: 11/14/06	SCALE: NOT TO SCALE
DWG. BY: AURORA	LICENS. NO. 73778
STATE OF FLORIDA	PROFESSIONAL ENGINEER
DRAWING NO.: A011516	SHEET 2 OF 9



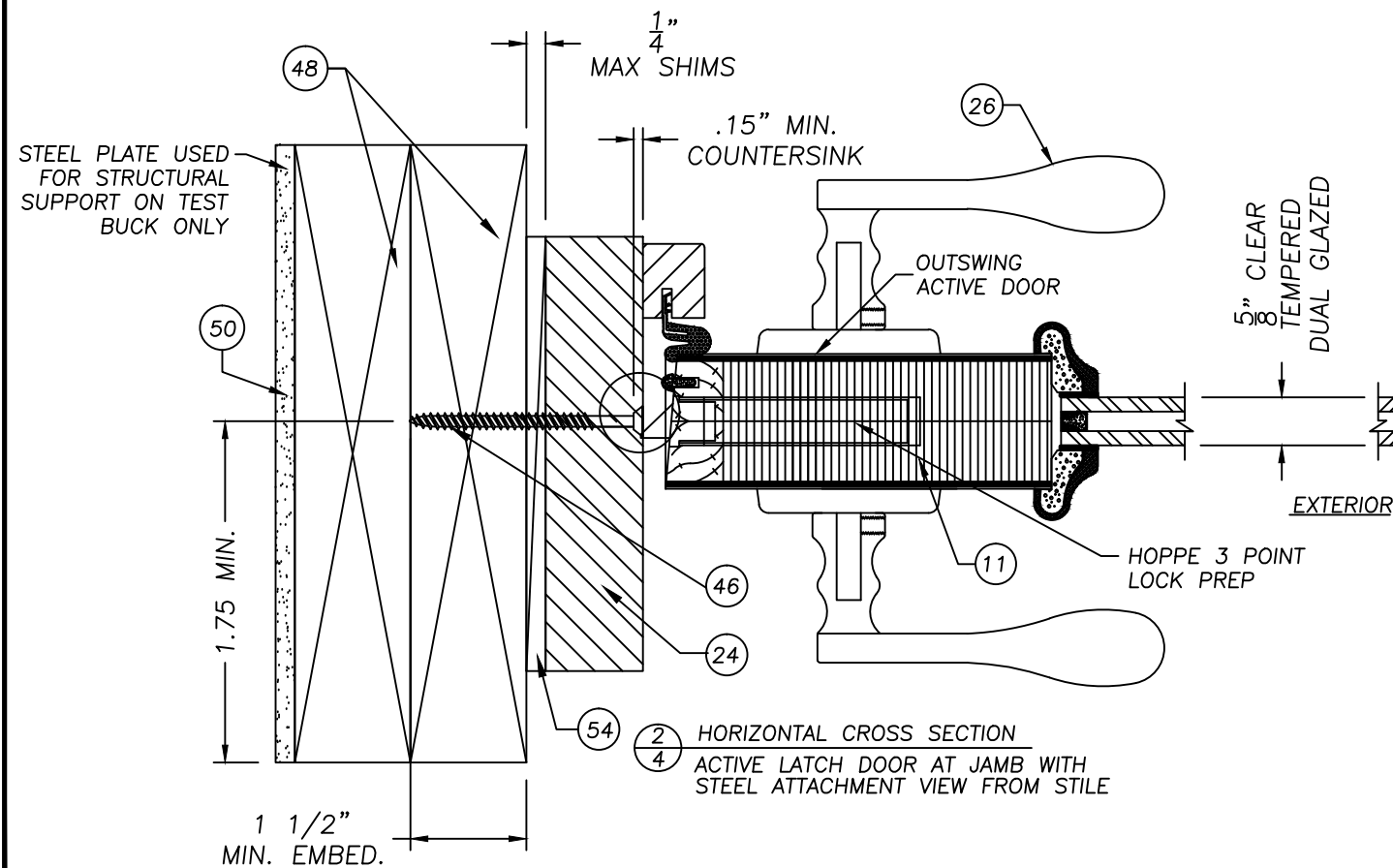
1
4 HORIZONTAL CROSS SECTION
AT SURFACE APPLIED ASTRAGAL
VIEW FROM TOP RAIL

ANCHOR CONFIGURATION INTO CONCRETE MAY BE UTILIZED IN
DETAIL 3/4 AND 2/4 WHERE APPLICABLE, PROVIDING MIN. ANCHOR
EMB. IS MET.

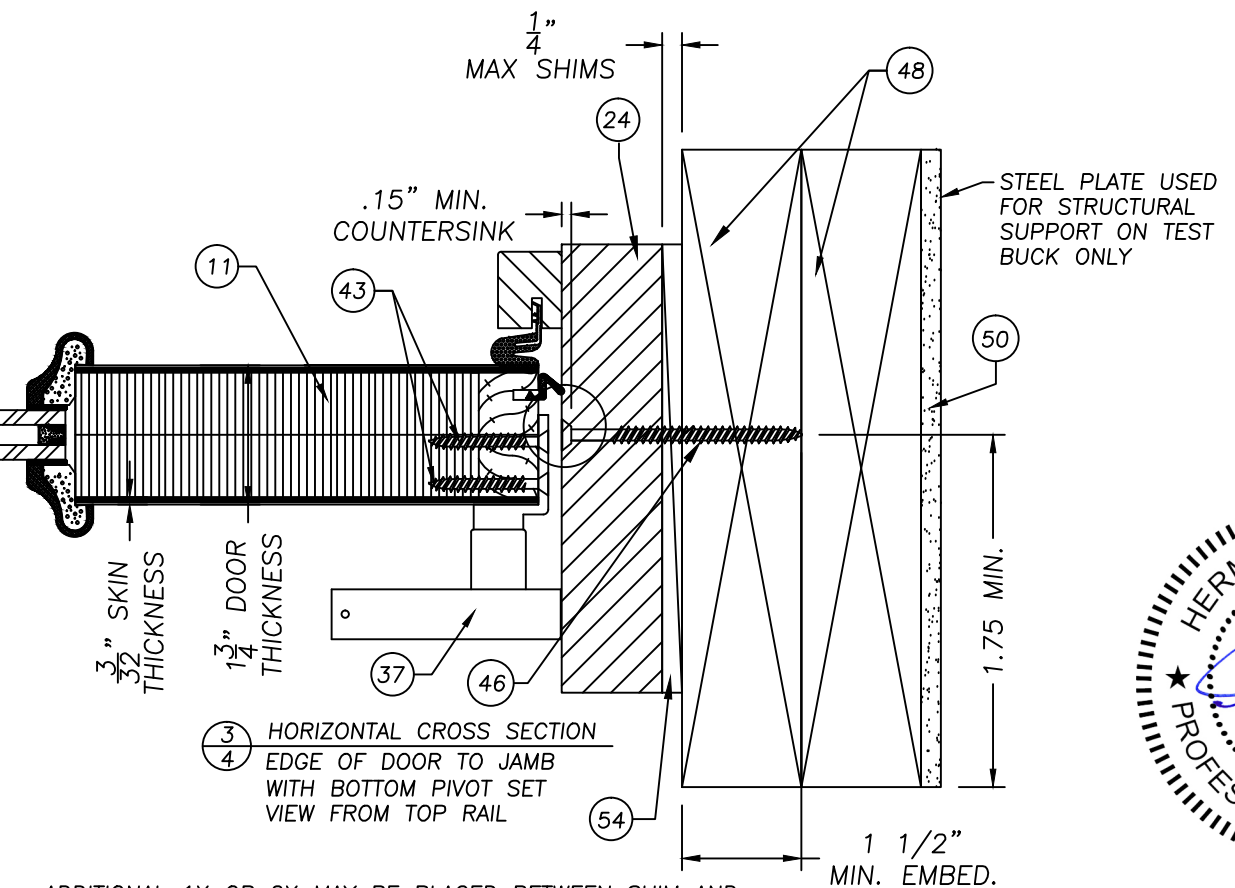


4
4 HORIZONTAL CROSS SECTION
TOP PIVOT DOOR AT JAMB WITH
CONCRETE ATTACHMENT VIEW

ALL ANCHORS UTILIZED IN CONCRETE MUST
PENETRATE SUBSTRATE A MINIMUM OF
1-1/4". ADDITIONAL 1X OR 2X MAY BE
PLACED BETWEEN SHIM AND CONCRETE



2
4 HORIZONTAL CROSS SECTION
ACTIVE LATCH DOOR AT JAMB WITH
STEEL ATTACHMENT VIEW FROM STILE



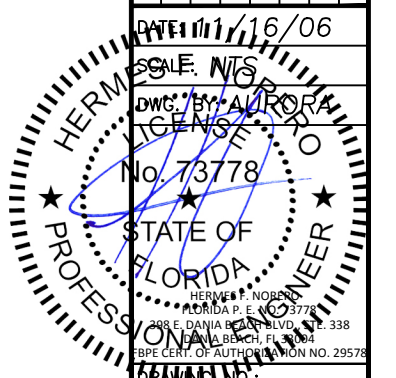
3
4 HORIZONTAL CROSS SECTION
EDGE OF DOOR TO JAMB
WITH BOTTOM PIVOT SET
VIEW FROM TOP RAIL

ADDITIONAL 1X OR 2X MAY BE PLACED BETWEEN SHIM AND
DOOR STUD, PROVIDING MIN. ANCHOR EMBEDMENT IS MET.

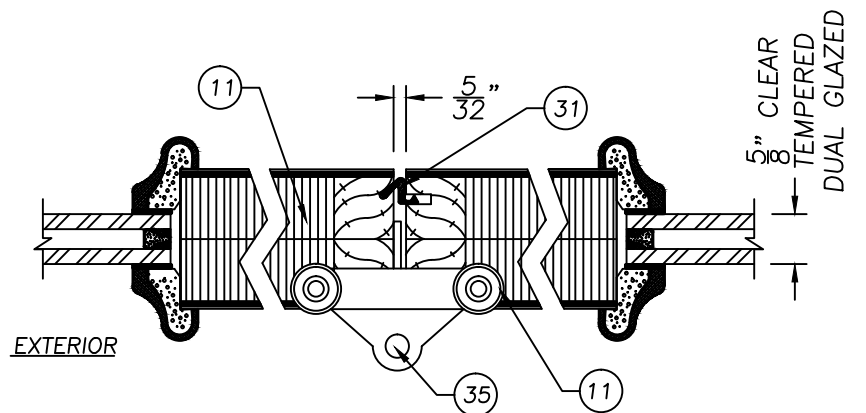
PRODUCT:
IWP AURORA CUSTOM FIBERGLASS
FOLDING DOOR SYSTEM

PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

JELD-WEN, INC.
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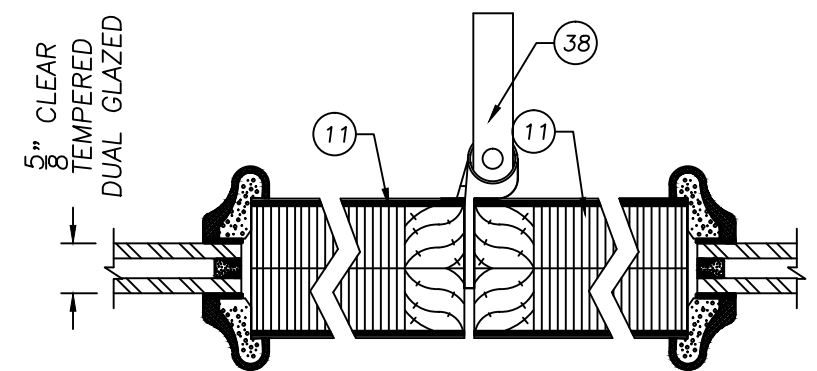
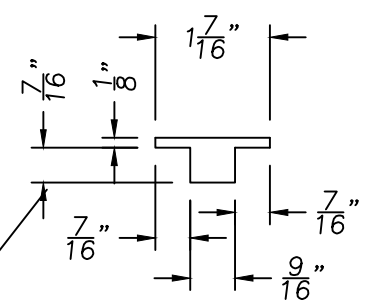


DATE: 11/16/06
SCALE: NTS
DWG. BY: AURORA
ENGINEER
No. 73778
STATE OF
FLORIDA
HERMANN, F. NORRIS
3737 LAKEPORT BLVD. 338
208 E. DANIA BEACH BLVD. 333
DANIA BEACH, FL 33444
FBPE CERT. OF AUTHORIZATION NO. 29578
DRAWING NO.:
A011516

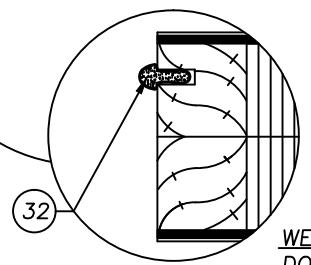
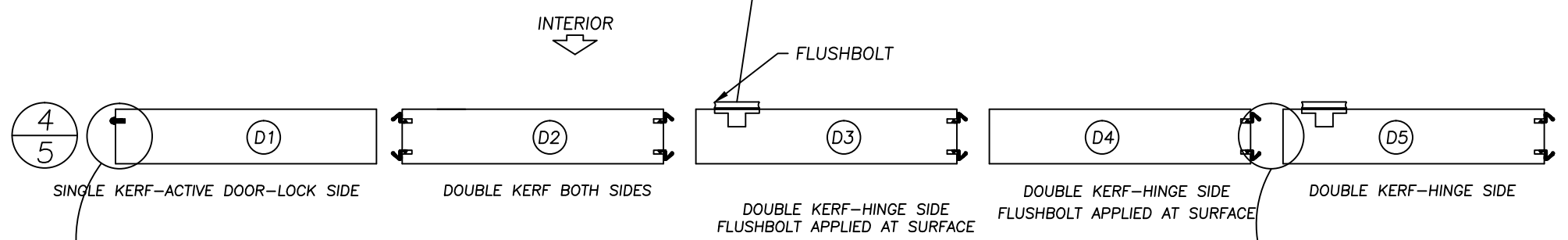


1/5 HORIZONTAL CROSS SECTION
VIEWED FROM BOTTOM OF DOOR
INTERMEDIATE CARRIER

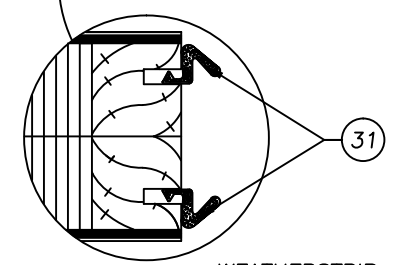
FLUSHBOLT MACHINING CENTERED ON STILE
FLUSHBOLTS ARE CENTERED ON STILE AT THE TOP
& BOTTOM OF DOOR IN THE
LOCATIONS INDICATED BELOW



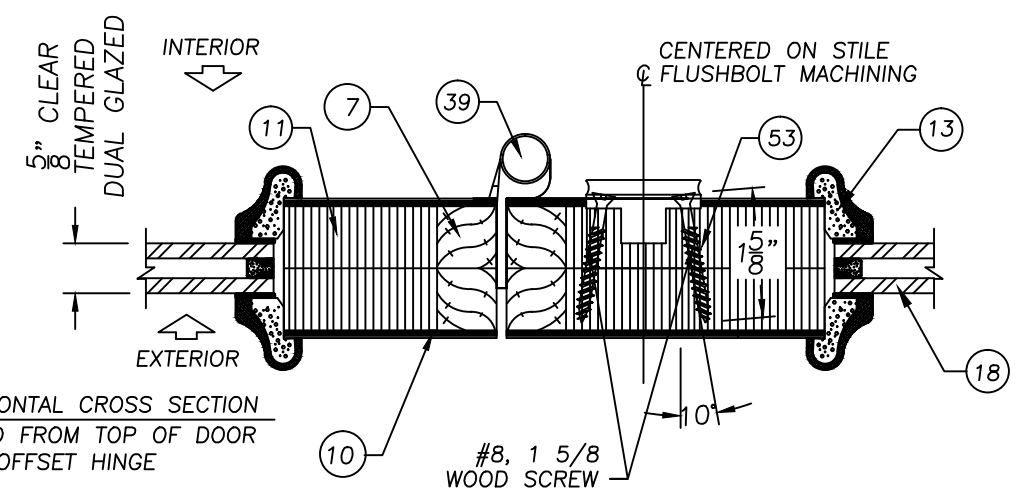
2/5 HORIZONTAL CROSS SECTION
MIDDLE OF DOOR, VIEWED FROM TOP RAIL
HALF OFFSET WITH HANDLE
TO PULL INTERIOR SIDE



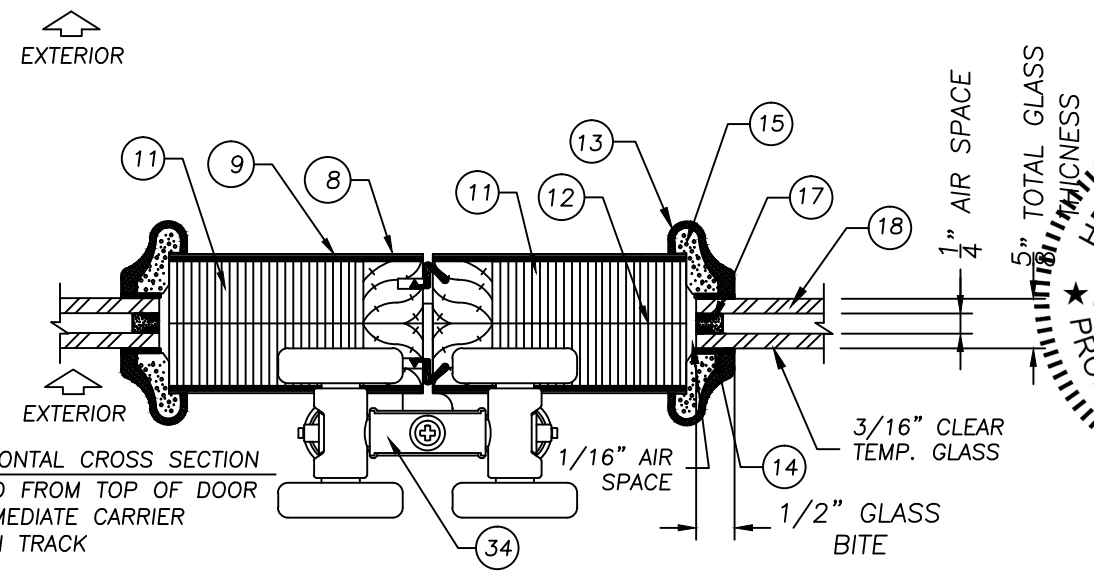
WEATHERSTRIP DETAIL
DOORS D1 & D5
(1) KERF JAMB EDGE



WEATHERSTRIP DETAIL
DOORS D1,D3,D4,D5
HAVE(1) EDGE EACH KERFED
FOR WEATHERSTRIP (2) PLACES

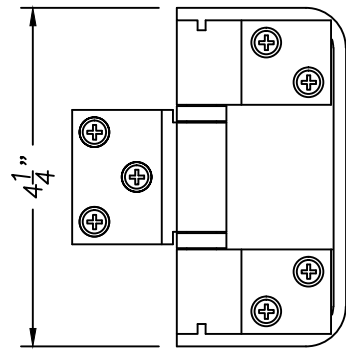


6/5 HORIZONTAL CROSS SECTION
VIEWED FROM TOP OF DOOR
HALF OFFSET HINGE

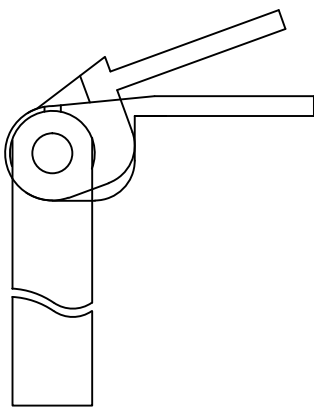


5/5 HORIZONTAL CROSS SECTION
VIEWED FROM TOP OF DOOR
INTERMEDIATE CARRIER
SET IN TRACK

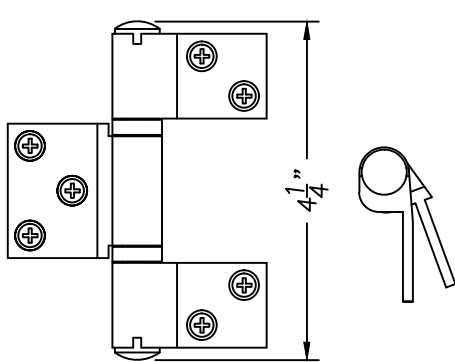
DATE: 7/12/07
 REVISIONS
 NO. DATE
 A 5/12/08 CHG ITEM 42 & 47
 B 12/14/11 2010 CODE CHANGE
 C 7/14/14 REFORMAT
 GL
 PRODUCT: IWP AURORA CUSTOM FIBERGLASS FOLDING DOOR SYSTEM
 PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS WEATHERSTRIPPING
 JELD-WEN, INC.
 3737 LAKEPORT BLVD.
 KLAMATH FALLS, OR 97601
 PH. 541.882.3451
 DRAWING NO.: A011516
 SHEET 5 OF 9



HALF OFFSET STAINLESS STEEL
HINGE SETS WITH HANDLE FOR
FOR OUTSWING DOORS
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

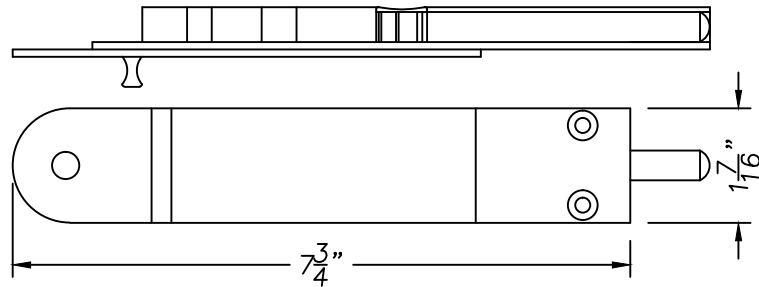


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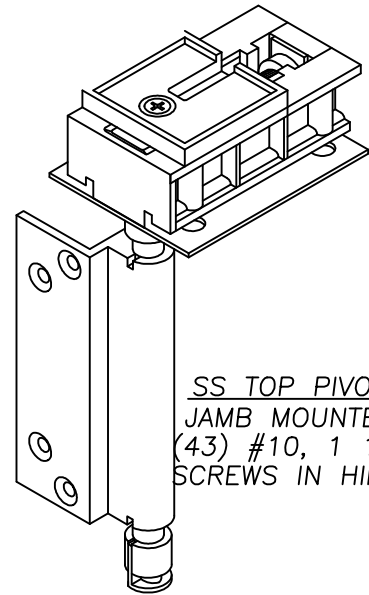
HALF OFFSET STAINLESS STEEL
FOR OUTSWING DOORS
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

39



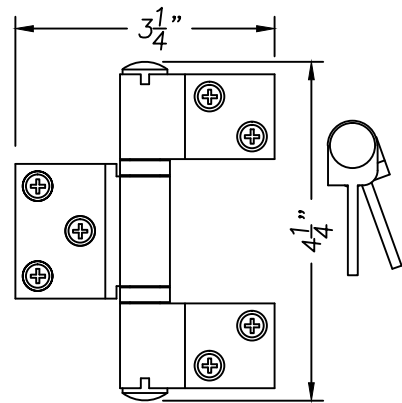
FLUSHBOLT STAINLESS STEEL
ATTACH ON DOOR STILE (16" FLUSHBOLT ON TOP)
INTERIOR SIDE ONLY (53) #8, 1 5/8 SCREW

40 & 41



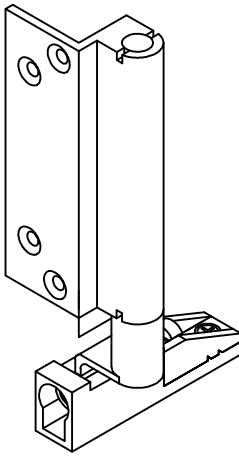
SS TOP PIVOT SET
JAMB MOUNTED
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

36



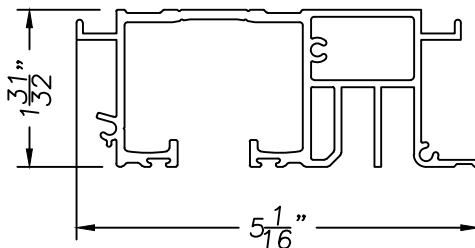
INTERMEDIATE STAINLESS STEEL
HINGES FOR OUTSWING DOORS
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

33



SS BOTTOM PIVOT SET
JAMB MOUNTED
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

37

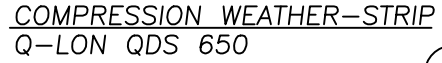


LCD ALUMINUM HEAD EXTRUSION
ATTACH TO WOOD COMPONENTS
FOR COMPLETE HEAD JAMB

22



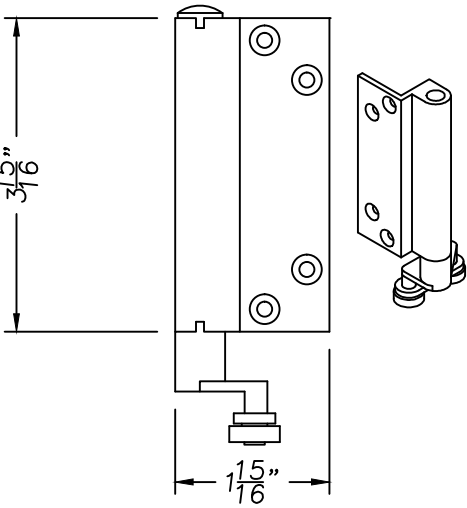
31



30

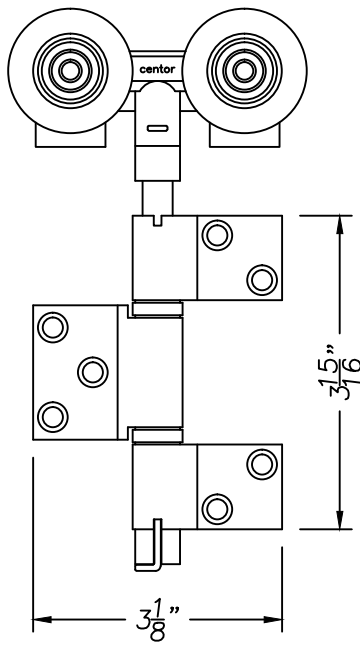


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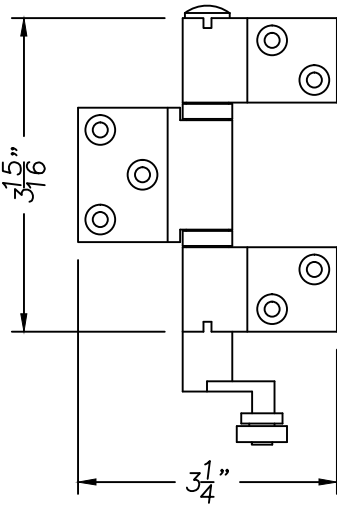
LEFT & RIGHT SS SET
CONCEALED BOTTOM CARRIER
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

56



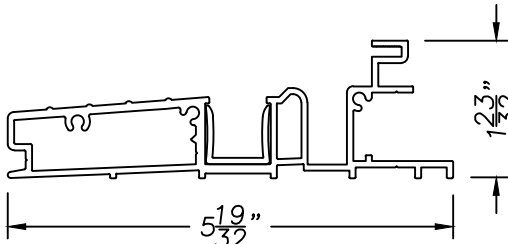
INTERMEDIATE SS SET
CONCEALED TOP CARRIER
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

34



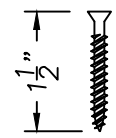
INTERMEDIATE SS SET
CONCEALED BOTTOM CARRIER
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

35



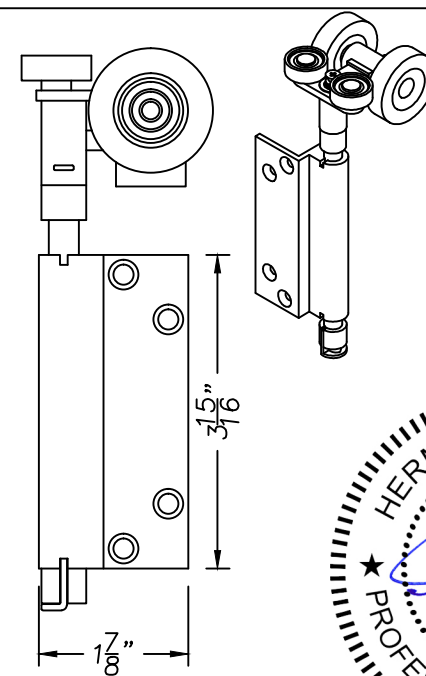
LCD ALUMINUM SILL EXTRUSION
ATTACH TO WOOD COMPONENTS
FOR COMPLETE THRESHOLD

23



SCREW 21 PACK #10
ATTACH IN ALL HINGES

43



LEFT & RIGHT SS SET
CONCEALED TOP CARRIER
(43) #10, 1 1/2 ALL
SCREWS IN HINGES

55

PRODUCT:
IWP AURORA CUSTOM FIBERGLASS
FOLDING DOOR SYSTEM

PART OR ASSEMBLY:
HARDWARE DETAILS

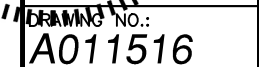
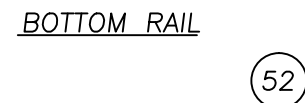
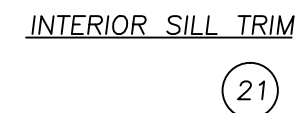
NO.	DATE	CHG ITEM	BY
C	7/14/14	REFORMAT	GL
B	12/14/11	2010 CODE CHANGE	JLA
A	5/12/08	CHG ITEM 42 & 47	EAG

DATE: 07/12/07
BY: JLA
DRAWING NO.:
A011516

SHEET 8 OF 9

JELD-WEN, INC.
3737 LAKEPORT BLVD.
KLAMATH FALLS, OR 97601
PH. 541.882.3451

Item	Description	Material
D1-D6	AURORA 5001 GLAZED DOOR	FIBERGLASS
	7 EDGE BAND 7/8 X 7/8	
	8 SKIN 5001 36 X 96 GLASS DOOR MAHOGANY	
	9 PUTTY POLYBOND	
	10 FIBERGLASS MATERIAL	
	11 4 11/16" X 1 3/4" STILES	LVL/WOOD
	12 PLIOGRIP	
	13 MOULDING 5001 36 X 96 #141	
	14 FOAM TAPE 1/16 X 1/2 (LF)	
	15 POLYURETHANE FOAM CORE (A) AND (B)	
17	SPACER WITH DESICANT	
18	CLEAR TEMPERED GLASS	GLASS
19	EXTERIOR HEAD TRIM	AFRICAN MAHOGANY
20	INTERIOR HEAD TRIM	AFRICAN MAHOGANY
21	INTERIOR SILL TRIM	AFRICAN MAHOGANY
22	EXTRUDED ALUMINUM HEAD	ALUMINUM
23	EXTRUDED ALUMINUM SILL	ALUMINUM
24	SIDE JAMB (5 5/8 X 1 1/4")	AFRICAN MAHOGANY
25	APPLIED JAMB STOP (13/16 X 31/32")	AFRICAN MAHOGANY
26	HOPPE ACTIVE DOOR HANDLESET	BRASS
27	HOPPE INACTIVE DOOR HANDLESET (NOT USED)	BRASS
28	HOPPE 3-POINT HARDWARE INSTALLED	STEEL
29	SURFACE MOUNTED ASTRAGAL	FIBERGLASS
30	WEATHER-STRIP (SCHLEGEL Q-LON QDS 650)	URETHANE FOAM
31	WEATHER-STRIP (SCHLEGEL AQUAMAC 21)	URETHANE FOAM
32	WEATHER-STRIP (SCHLEGEL QWS 440)	URETHANE FOAM
33	INTERMEDIATE HINGES	STEEL
34	INTERMEDIATE CARRIER SET (TOP HINGE & ROLLERS)	STEEL
35	INTERMEDIATE CARRIER SET (BOTTOM HINGE & ROLLERS)	STEEL
36	PIVOT SET (TOP HINGE)	STEEL
37	PIVOT SET (BOTTOM HINGE)	STEEL
38	HALF OFFSET HINGE WITH HANDLE	STEEL
39	HALF OFFSET HINGE	STEEL
40	SURFACE MOUNTED FLUSHBOLT (8")	STEEL
41	SURFACE MOUNTED FLUSHBOLT (16")	STEEL
42	1/4" TAPCON W/ 1 1/4" MIN. EMBED	STEEL
43	HINGE SCREW-21 IN PACK - #10, 1 1/2	STEEL
44	STANDARD DRYWALL SCREW #6, 1 5/8"	STEEL
45	STANDARD WOOD SCREW #10, 2"	STEEL
46	STANDARD WOOD SCREW #14, 2 1/2"	STEEL
47	STANDARD WOOD SCREW #14, 2 1/2"	STEEL
48	2" X 8" WOOD BUCK	PINE
49	3/8" X 8" WOOD BUCK	PLYWOOD
50	3/8" X 8" STEEL	STEEL
51	4 11/16" X 1 3/4 TOP RAIL	LVL/WOOD
52	8" X 1 3/4" BOTTOM RAIL	LVL/WOOD
53	STANDARD WOOD SCREW #8, 1 5/8"	STEEL
54	NON COMPRESSION SHIM	
55	LEFT & RIGHT CARRIER SET (TOP HINGE & ROLLERS)	STEEL
56	LEFT & RIGHT CARRIER SET (BOTTOM HINGE & ROLLERS)	STEEL
57	CONCRETE	CONCRETE



JELD-WEN, INC.
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PH. 541.882.3451

PRODUCT:	IWP AURORA CUSTOM FIBERGLASS FOLDING DOOR SYSTEM
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FOR ASSEMBLY:
BILL OF MATERIALS
FRAME COMPONENTS

C	7/14/14	REFORMAT	GL		
B	12/14/11	2010 CODE CHANGE	JLA		
A	5/12/08	CHG ITEM 42 & 47	EAG		
NO.	DATE		BY		
				REVISIONS	

DATE: 11/16/06
SCALE: AS SHOWN
DWG. BY: AKRORA
GENS: 11/16/06
73778
STATE OF
FLORIDA
HERMES F. NORRERO
FLORIDA C.E.N. 73778
398 E. DAWSON BLVD., STE. 338
TOLSON, GA 31004
FEDERAL DEPT. OF AUTHORIZATION NO. 29578
DRAWING NO.:
A011516
SHEET 9 OF 9