



Columbia County, FL.
Remodel Permit #000045302
Issued August 26, 2022



* Request inspections by calling 386-719-2023 or visiting <https://www.columbiacountyfla.com/PermitSearch/InspectionCalendar.aspx>

OWNER: RIX JUSTIN

PHONE: 352-222-5366

ADDRESS: 553 SW MAGNOLIA LN FORT WHITE, FL
32038

PARCEL: 30-7S-17-10058-611

ZONING: A-3

FLOOD ZONE: X

Coords: 29.85,-82.65

SUBDIVISION: SANTA FE RIVER PLANTATIONS REPLAT OF LOTS 38,45,46
UNIT: ACRES: 2.12

LOT: 21 **BLK:** 46 **PHASE:**

CONTRACTORS

NAME: PETER A CAFARO

ADDRESS:
4948 TELLSON PLACE
ORLANDO, FL 32812

PHONE:

LICENSE: CGC1508417 -

BUSINESS: LOWE'S HOME CENTER

PROJECT DETAILS

DESCRIPTION OF THE WORK BEING PERFORMED::

Replace 2 doors and 1 window size for size on SFR

COMMERCIAL OR RESIDENTIAL?:

Residential

TYPE OF STRUCTURE:

House

DEV PERMIT #:

F023-

BUILDING CODE EDITION:

2020 Florida Building Code 7th Edition and 2017 National Electrical Code

FEMA MAP NUMBER :

12023C0532C

NOTICE: Addition to the requirements of this permit, there may be restrictions applicable to this property that may be found in the public records of this county and there may be additional permits required from other governmental entities such as water management districts, state or federal agencies.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

NOTICE: All work is to be completed in accordance with the permitted plans and applicable codes of Columbia County, Florida. In order to maintain a valid permit the work authorized must commence within 180 days of issuance and have an approved inspection within every 180 days thereafter.

MUST POST ON THE JOBSITE: Copies of the Permit and Recorded Notice of Commencement for inspection.

8/26/2022 4:58 PM

FLORIDA DEPARTMENT OF
Business & Professional Regulation



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Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > **Application List**

► OFFICE OF THE
SECRETARY

Search Criteria

[Refine Search](#)

Code Version	2020	FL#	17355.3
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL17355-R5 History	Revision	Custom Window Systems Inc. FL#: FL17355.3 Model: HS-620 Vinyl Horizontal Slider XX Description: HS-620 Vinyl Horizontal Slider, XX, Non-Impact. Category: Windows Subcategory: Horizontal Slider	Steven M. Urich, PE (717) 317-8454	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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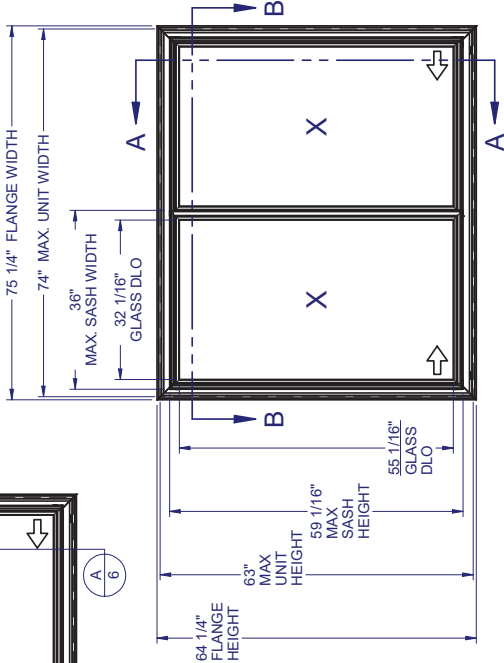
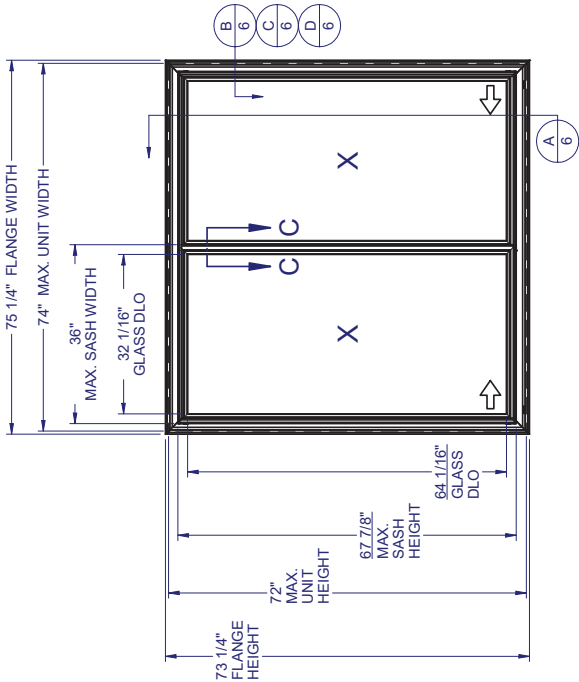
Product Approval Accepts:



HORIZONTAL SLIDER - NON-IMPACT

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
- 2. GLAZING OPTIONS: (SEE SHEET 2)
- 3. CONFIGURATIONS: "XX".
- 4. DESIGN PRESSURE RATING (SEE SHEET 2):
 - NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
 - POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
- 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 6 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
- 7. ALL FRAMES AND VENTS FULLY WELDED.
- 8. SERIES / MODEL DESIGNATION HS-620.
- 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
 - X = OPERABLE SASH
- 10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.
- 11. EXTERNAL WEEP SLOT = 5/16" x 2-1/8" LOCATED 4-1/2" FROM BOTH ENDS.



Lucas Turner
2020.07.27
11:25:33
-05'00"



620 PVC
HORIZ. SLIDER
NON-IMPACT

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7/23/2020

LUCAS A. TURNER, P.E.
FL PE # 58201
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

GENERAL NOTES AND
ELEVATIONS

DRAWN BY:	EMK	DATE:	04/22/15
DWG #:	CWS-1059	REV.:	A
SCALE:	1:25	SHEET	1 OF 6

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS.....	1
DP CHARTS & GLAZING DETAIL.....	2
SECTION VIEWS.....	3
EXTRUSIONS & B.O.M.....	4
ANCHOR SCHEDULE & NOTES.....	5
INSTALLATION DETAIL.....	6

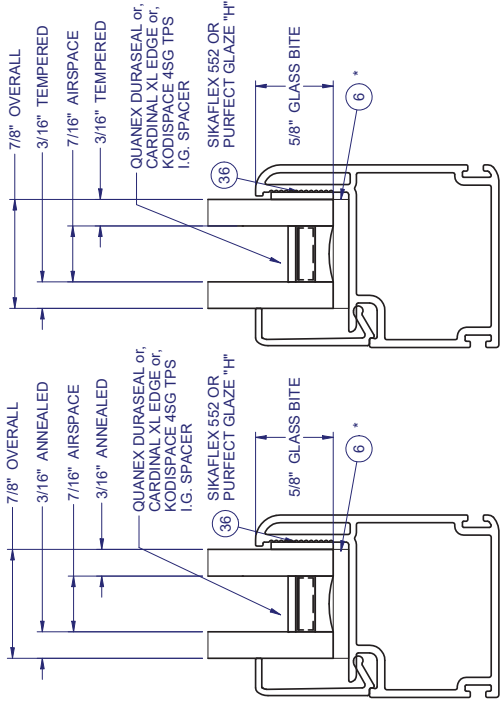
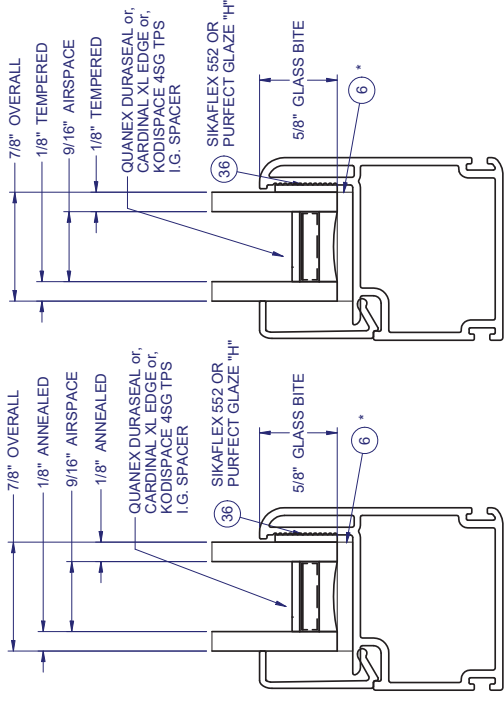
MAX. UNIT SIZE	2011 MTG. RAIL REINF.	DESIGN PRESSURE RATING	IMPACT RATING
74" x 63"	NO	SEE COMPARATIVE ANALYSIS CHARTS, SHEET 2	NONE
74" x 72"	YES		

FLANGE WINDOW DESIGN PRESSURES FOR EQUAL SPLIT "X/X" WITH GLASS TYPES A, B, C, OR D											
Unit		Unit Height									
Width		35 1/2	39 1/2	43 1/2	47 1/2	51 1/2	55 1/2	59 1/2	63		
39 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
55 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
59 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
63 1/2	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	
67 1/2	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	
71 1/2	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	+50 / -53.6	
74	+50 / -50.1	+50 / -50	+50 / -50	+50 / -50	+50 / -50	+50 / -50	+50 / -50	+50 / -50	+50 / -50	+50 / -50	

FIN WINDOW DESIGN PRESSURES FOR EQUAL SPLIT "X/X" WITH GLASS TYPES A, B, C, OR D											
Unit		Unit Height									
Width		35 1/2	39 1/2	43 1/2	47 1/2	51 1/2	55 1/2	59 1/2	63		
39 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
55 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	
59 1/2	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	
63 1/2	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	
67 1/2	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	
71 1/2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	
74	+45.1 / -45.1	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	

FLANGE WINDOW WITH 2011 MTG RAIL REINF. DESIGN PRESSURES FOR EQUAL SPLIT "X/X" WITH GLASS TYPES C OR D											
Unit		Unit Height									
Width		35 1/2	39 1/2	43 1/2	47 1/2	51 1/2	55 1/2	59 1/2	63 1/2	67 1/2	72
39 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -72.6
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -72.3	+50 / -67.0
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -67.4	+50 / -62.4
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -68.3	+50 / -63.3	+50 / -58.5
55 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -64.7	+50 / -59.9	+50 / -55.2
59 1/2	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -61.6	+50 / -56.9	+50 / -52.4
63 1/2	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -58.9	+50 / -54.3	+50 / -50.0
67 1/2	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -52.1	+47.9 / -47.9	
71 1/2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+48.2 / -48.2	+46 / -46.0	
74	+45.1 / -45.1	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45.1 / -45	+45 / -45	+45 / -45	

FIN WINDOW WITH 2011 MTG RAIL REINF. DESIGN PRESSURES FOR EQUAL SPLIT "X/X" WITH GLASS TYPES C OR D											
Unit		Unit Height									
Width		35 1/2	39 1/2	43 1/2	47 1/2	51 1/2	55 1/2	59 1/2	63 1/2	67 1/2	72
39 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -74.8	+50 / -69.6	+50 / -64.5
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -74.9	+50 / -69.2	+50 / -64.3	+50 / -59.6
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -70.0	+50 / -64.6	+50 / -59.9	+50 / -55.4
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -66.0	+50 / -60.7	+50 / -56.3	+50 / -52.0
55 1/2	+50 / -71.1	+50 / -71.1	+50 / -71.1	+50 / -71.1	+50 / -71.1	+50 / -71.1	+50 / -68.5	+50 / -62.5	+50 / -57.5	+50 / -53.2	+49.1 / -49.1
59 1/2	+50 / -61.9	+50 / -61.9	+50 / -61.9	+50 / -61.9	+50 / -61.9	+50 / -61.9	+50 / -59.6	+50 / -54.7	+50 / -50.6	+46.6 / -46.6	
63 1/2	+50 / -54.3	+50 / -54.3	+50 / -54.3	+50 / -54.3	+50 / -54.3	+50 / -54.3	+50 / -52.4	+48.3 / -48.3	+44.4 / -44.4		
67 1/2	+48.1 / -48.1	+48.1 / -48.1	+48.1 / -48.1	+48.1 / -48.1	+48.1 / -48.1	+48.1 / -48.1	+48.1 / -48.1	+46.3 / -46.3	+42.6 / -42.6		
71 1/2	+42.8 / -42.8	+42.8 / -42.8	+42.8 / -42.8	+42.8 / -42.8	+42.8 / -42.8	+42.8 / -42.8	+42.8 / -42.8	+40.9 / -40.9			
74	+40.1 / -40.1	+40.1 / -40	+40.1 / -40	+40.1 / -40	+40.1 / -40	+40.1 / -40	+40 / -40	+40 / -40	+40 / -40	+40 / -40	



* SETTING BLOCKS PER FBC 2411.3.3.1

NOTE:

IF SIZE INTENDED IS NOT SHOWN, USE NEXT LARGER SIZE.

**620 PVC
HORIZ. SLIDER
NON-IMPACT**

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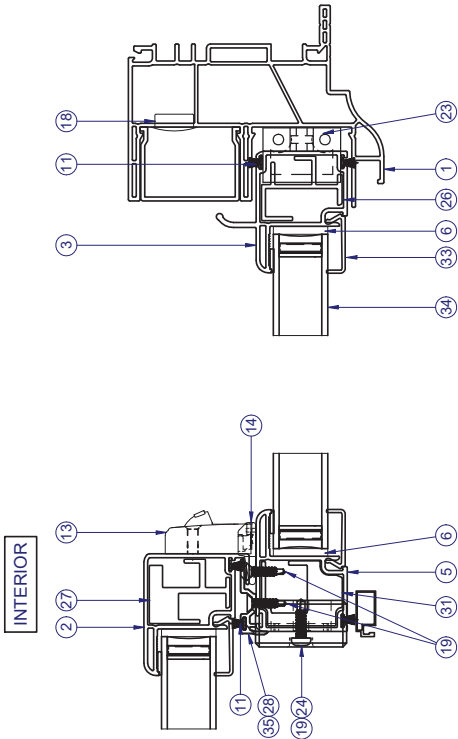
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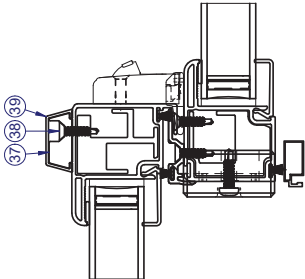
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SECTION VIEWS

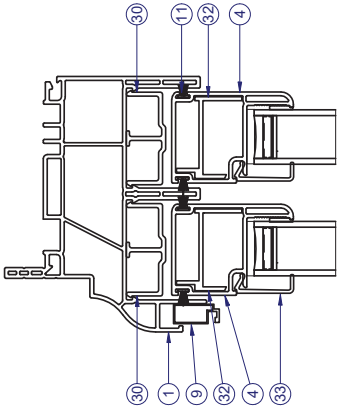
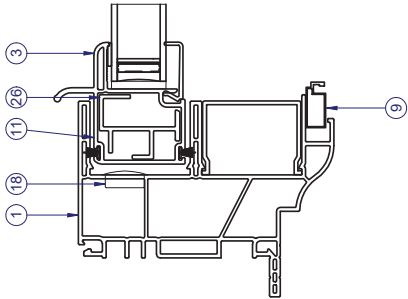
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DWG #:	CWS-1059	REV.:	A
SCALE:	1:2	SHEET	3 OF 6



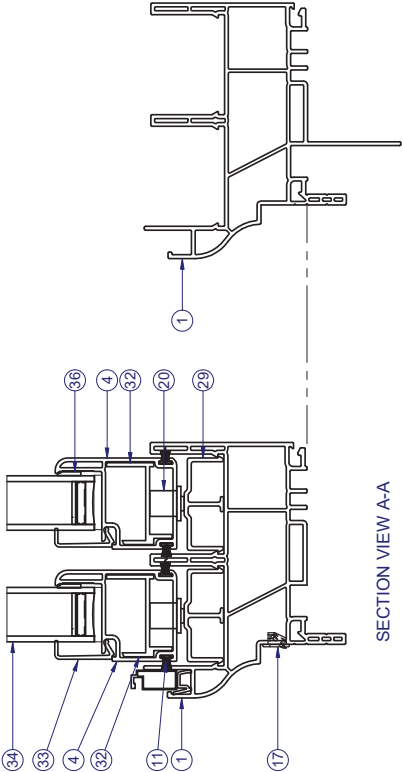
SECTION VIEW B-B



SECTION VIEW C-C
MTG RAIL REINFORCEMENT (2011) REQUIRED
ON UNIT HEIGHTS ABOVE 63"



INTERIOR



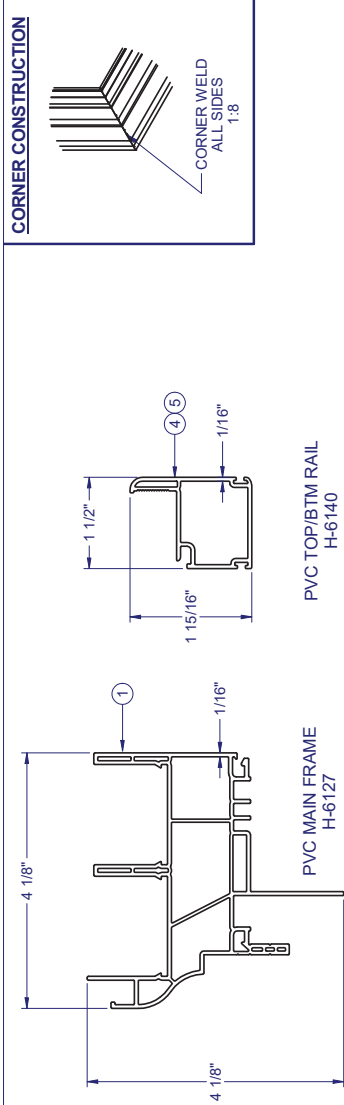
SECTION VIEW A-A

ALTERNATE FIN FRAME

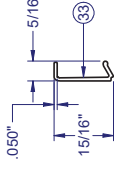
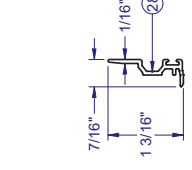
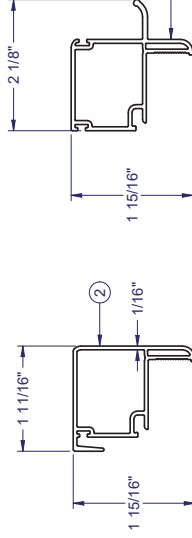
ITEMS NOT SHOWN FOR CLARITY:
7-8, 10, 12, 15-16 & 21

PARTS LIST			
ITEM	PART	DESCRIPTION	MATERIAL
1	H-6127	MAIN FRAME	PVC
2	H-6135	SASH INTERLOCK RAIL, INT. PANEL	PVC
3	H-6139	SASH DRAW RAIL	PVC
4	H-6140	SASH TOP/BTM RAIL	PVC
5	H-6140	SASH INTERLOCK RAIL, EXT. PANEL	PVC
6	P-5615	SETTING BLOCK, 1/8" x 7/8" x 2"	
7	P-3029	SCREEN LIFT TABS	STEEL
8	P-3033	SCREEN SPRINGS	STEEL
9	P-3218	SCREEN FRAME	ALUM
10	P-3228	SCREEN SPLINE	
11	P-3305	WTSP., 0.187" x 0.270" SOFT FIN	
12	P-3511	#8-18 x 0.625" PN PH TEK #2 POINT ZP	STEEL
13	P-3783	IMPACT SASH LOCK	
14	P-3784	KEEPER	
15	P-4146	#8-18 x 0.750" FH PH #2 POINT TEK ZP	STEEL
16	P-4754	SCREEN CORNER KEY	NYLON
17	P-5420	WEEP COVER ASSY	NYLON
18	P-5588	HOLE PLUG	NYLON
19	P-5423	#8-18 x 0.500" PN PH TEK #2 POINT ZP	STEEL
20	P-5428	ROLLER ASSY	
24	P-5441	L BLOCK	NYLON
26	S-2004	REINF., SIDE RAIL	ALUM
27	S-2005	REINF., MEETING RAIL, INT. PANEL	ALUM
28	S-2029	INTERLOCK ADAPTOR	ALUM
29	S-2030	ROLLER TRACK	ALUM
30	S-2030	ANTHLIFT FILLER	ALUM
31	S-2043	REINF., MEETING RAIL, EXT. PANEL	ALUM
32	S-2044	REINF., TOP/BOTTOM RAIL	ALUM
33	S-6141	0.875" GLAZING BEAD	PVC
34	GLASS	SEE SHEET 2	
35		DOW CORNING 1199	SILICONE
36		PURFECT GLAZE "H", SIKAFLEX 552	SILICONE
37	S-2011	REINF., EXTERNAL	ALUM
38	P-3515	#8 x 5/8" PH FLAT WHITE SMS	STEEL
39	P-5400	COVER, EXT. REINF.	PVC

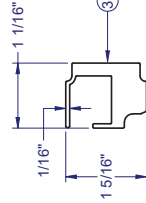
LINE ITEMS NOT USED:
21-22, 25



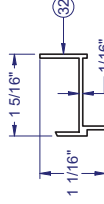
PVC TOP/BTM RAIL
H-6140



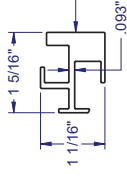
PVC LOCK RAIL
H-6135



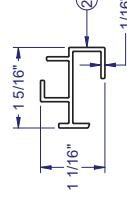
PVC DRAW RAIL
H-6139



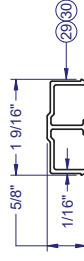
ALUM INTERLOCK - S-2029



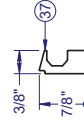
PVC GLAZING BEAD - S-6141



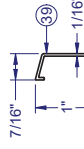
ALUM REINF.
S-2043



ALUM REINF. - S-2044



ALUM REINF. - S-2005



ALUM REINF. - S-2004

ALUM ROLLER TRACK - S-2030



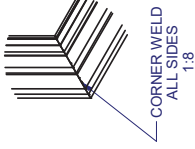
ALUM EXT. REINF. - S-2011



PVC COVER - P-5400



CORNER CONSTRUCTION



Custom
WINDOW SYSTEMS
1900 SW 44TH AVE.
OCALA, FLORIDA 34474
WWW.CWS-CC

620 PVC
HORIZ. SLIDER
NON-IMPACT

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7/23/2020

LUCAS A. TURNER, P.E.
FL PE # 58201
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

DRAWN BY: EMK DATE: 04/22/15

DWG #: CWS-1059 REV.: A

SCALE: 1:2 SHEET 4 OF 6

NOTE: ALL ALUMINUM EXTRUSIONS ARE 6063-T6 UNLESS OTHERWISE NOTED.

**620 PVC
HORIZ. SLIDER
NON-IMPACT**

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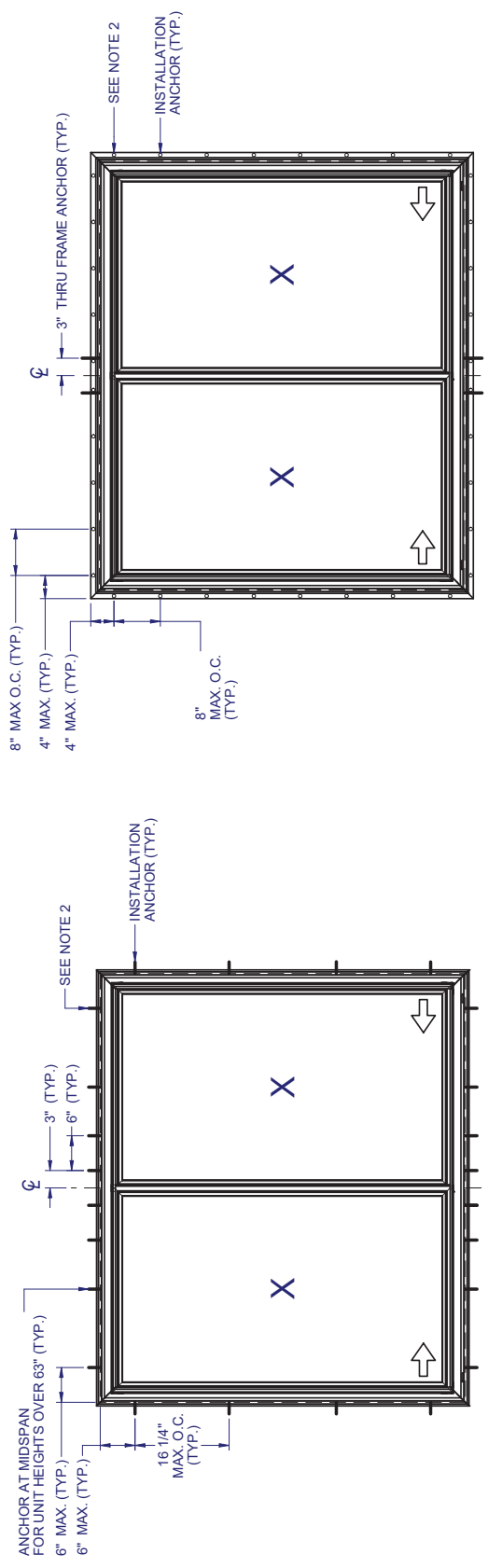


7/23/2020

LUCAS A. TURNER, P.E.
FL PE # 58201
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:
**ANCHOR SCHEDULE AND
NOTES**

DRAWN BY:	EMK	DATE:	04/22/15
DWG #:	CWS-1059	REV.:	A
SCALE:	1:20	SHEET	5 OF 6



ANCHOR LAYOUT - (FIN)
NOTE THRU FRAME ANCHORS @ MTG RAIL

ANCHOR LAYOUT - (FLANGE)

NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 6.
4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM SPECIFIED IN TABLE 1, SHEET 6.
6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE - 1X BUCKS ARE OPTIONAL.
7. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL FASTENERS: 3" FOR MASONRY, 1" FOR WOOD AND METAL.
8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE 1, SHEET 6. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS:
FMAAAMA 100(FIN WINDOWS), FMAAAMA 200(FLANGE WINDOWS), FMAA/WDMA 250(BOX WINDOWS), FMAA/AAMA/WDMA 300(EXTerior DOORS)

**620 PVC
HORIZ. SLIDER
NON-IMPACT**

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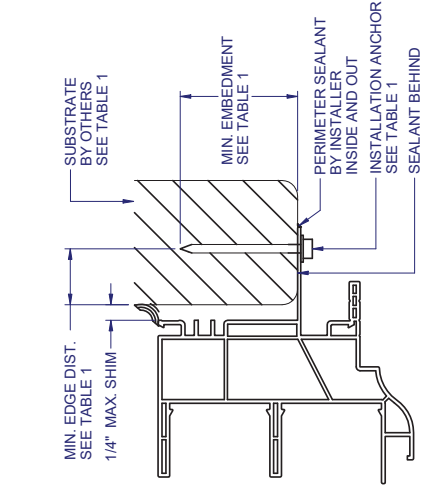


7/23/2020
LUCAS A. TURNER, P.E.
FL PE # 58201
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

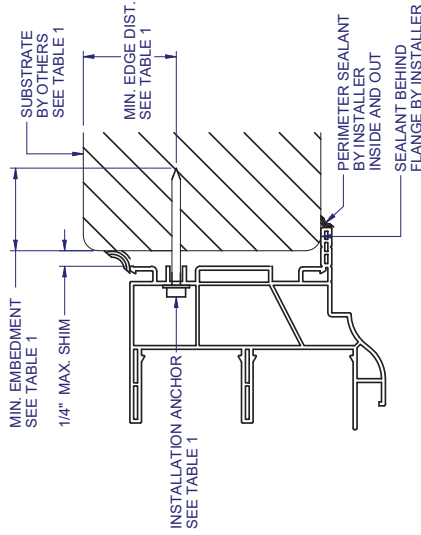
INSTALLATION DETAILS

DRAWN BY:	EMK	DATE:	04/22/15
DWG #:	CWS-1059	REV.:	A
SCALE:	1:2	SHEET	6 OF 6

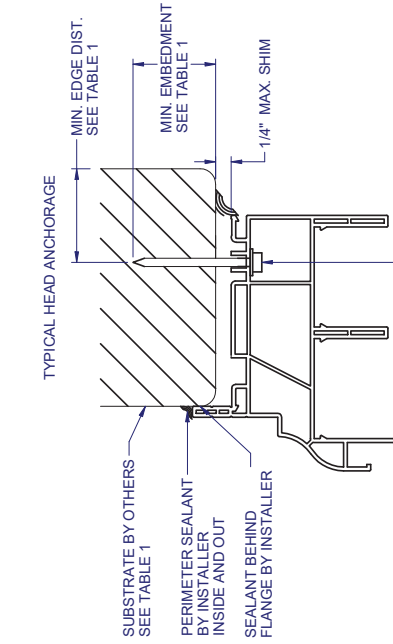


B
HORIZONTAL SECTION
TYPICAL JAMB ANCHORAGE

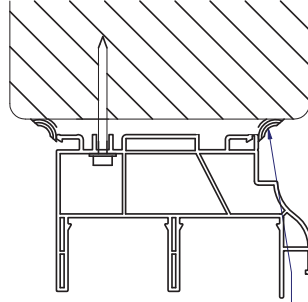
NOTE: ADDITIONAL THRU-FRAME ANCHORS (AS SHOWN IN DET. A/6) REQ'D AT MTG RAIL, SEE SHEET 5 ANCHOR LAYOUT.



C
HORIZONTAL SECTION
TYPICAL FIN ANCHORAGE
HEAD AND SILL SIMILAR FOR FIN INSTALLATION



A
VERTICAL SECTION
TYPICAL SILL ANCHORAGE



D
BOX FRAME INSTALLATION
SIMILAR FOR SILL AND JAMBS FOR BOX INSTALLATION

FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE, UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED:

- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.

FRAME TYPE	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
FLANGE	CONCRETE (2.0 KSI MIN.)	3/16" ITW TAPCON	1"	1-1/8"
FLANGE	HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.)	3/16" ITW TAPCON	1"	2"
FLANGE	CONCRETE (2.85 KSI MIN.)	3/16" ELCO ULTRACON	1"	1"
FLANGE	HOLLOW or GROUT-FILLED CMU (ASTM C-90)	3/16" ELCO ULTRACON	1-1/4"	2-1/2"
FLANGE	2X MIN. SOUTHERN PINE (G=0.55)	3/16" ITW TAPCON OR ELCO ULTRACON	1-3/8"	7/8"
FLANGE	2X MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-3/8"	7/8"
FLANGE	16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN.)	#10-16 HILTI KWIK-FLEX or ITW TEKS SELF-DRILLING SCREW	FULL THREAD THRU 0.060"	7/16"
FLANGE	1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)	#10 GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 0.125"	7/16"
FIN	2X MIN. SOUTHERN PINE (G=0.55)	#10 WOOD SCREW	1-1/2"	1/2"



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > **Application List**

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Search Criteria

[Refine Search](#)

Code Version	2020	FL#	13541.2
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL13541-R18 History	Revision	JELD-WEN FL#: FL13541.2 Model: B. Design Pro / Smooth Pro Fiberglass Description: Single (X) Glazed Fiberglass Door, 3'-0" x 6'-8" and 3'-0" x 8'-0", Inswing and Outswing Category: Exterior Doors Subcategory: Swinging Exterior Door Assemblies	National Accreditation & Management Institute (804) 684-5124	Approved *

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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Product Approval Accepts:





Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

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FL #	FL13541-R18						
Application Type	Revision						
Code Version	2020						
Application Status	Approved						
	*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.						
Comments							
Archived	☐						
Product Manufacturer	JELD-WEN						
Address/Phone/Email	3737 Lakeport Blvd Klamath Falls, OR 97601 (800) 535-3936 fbc1@jeld-wen.com						
Authorized Signature	Rylee Sumner Fricks fbc1@jeld-wen.com						
Technical Representative	JELD-WEN Corporate Customer Service						
Address/Phone/Email	3737 Lakeport Blvd. Klamath Falls, OR 97601 (800) 535-3936 customerserviceagents@jeld-wen.com						
Quality Assurance Representative							
Address/Phone/Email							
Category	Exterior Doors						
Subcategory	Swinging Exterior Door Assemblies						
Compliance Method	Certification Mark or Listing						
Certification Agency	National Accreditation & Management Institute						
Validated By	National Accreditation & Management Institute						
Referenced Standard and Year (of Standard)	<table border="0"> <thead> <tr> <th><u>Standard</u></th> <th><u>Year</u></th> </tr> </thead> <tbody> <tr> <td>ASTM E330</td> <td>2014</td> </tr> <tr> <td>TAS 202</td> <td>1994</td> </tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM E330	2014	TAS 202	1994
<u>Standard</u>	<u>Year</u>						
ASTM E330	2014						
TAS 202	1994						
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL13541_R18_Equiv_ASTM E330 Letter of Equivalence 07 06 2020.pdf						
Product Approval Method	Method 1 Option A						
Date Submitted	08/03/2020						

JELD-WEN®

WINDOWS & DOORS

DESIGN PRO / SMOOTH PRO FULL LITE

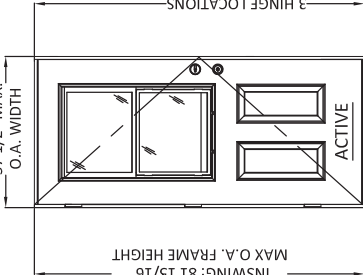
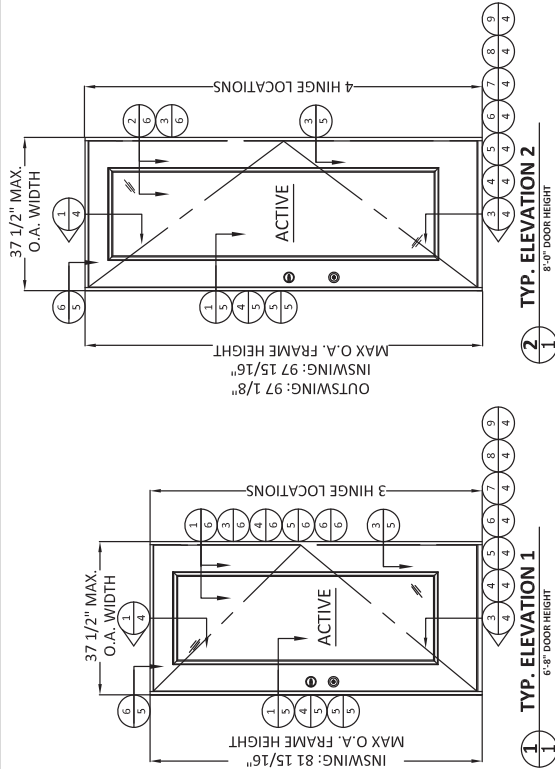
NON-IMPACT

FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT INTERNATIONAL BUILDING CODE (IBC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E330-02
 - ASTM E2885-04
 - AAMA 1304-02
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY OR 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.
3. 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.
4. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
5. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
6. FULL LITE APPROVAL COVERS USE OF FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS BETWEEN GLASS, DECORATIVE, AND EXTERNAL AND INTERNAL WROUGHT IRON. VENT LITES ARE QUALIFIED FOR 6'-8" DOORS ONLY. RADIUS (SHAPED) LITES ARE QUALIFIED FOR 6'-8" DOORS AT DP +/-50 PSF ONLY.
7. NOTE: AFCO H-497 SILL MEETS WATER INFILTRATION AT WATER TEST PRESSURE (WTP) OF 9.75 PSF. REMAINING SILLS NOT 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

TABLE OF CONTENTS	
SHEET	REVISION
1	A
2	A
3	-
4	A
5	A
6	A
7	A
8	A
9	A
SHEET DESCRIPTION	
TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES	
TYPICAL ANCHOR LAYOUTS AND NOTES	
OPTIONAL 2X BUCK ANCHORING DETAILS	
VERTICAL ASSEMBLIES	
HORIZONTAL ASSEMBLIES	
GLAZING DETAILS	
WOOD SUBSTRATES	
CONCRETE SUBSTRATES	
COMPONENTS & BILL OF MATERIALS	



NOTE:
DOORS SHOWN ABOVE MAY BE LEFT
OR RIGHT HAND OPERATING DOORS.

CONFIGURATION	MAX. OVERALL NOMINAL SIZE		DESIGN PRESSURE (PSF)				MISSILE IMPACT RATING
	WIDTH	HEIGHT	INSWING	OUTSWING	POS.	NEG.	
X	3'-0"	6'-8"	50*	50*	50*	50*	NON-IMPACT
X RADIUS	3'-0"	6'-8"	50*	50*	50*	50*	NON-IMPACT
X VENT	3'-0"	6'-8"	50*	50*	50*	50*	NON-IMPACT
X	3'-0"	8'-0"	50*	50*	50*	50*	NON-IMPACT

*SEE GENERAL NOTE 7, SHEET 1, FOR WATER INFILTRATION APPROVED SILLS.

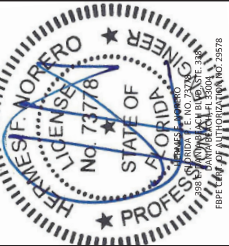
PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

TITLE: DESIGN PRO/SMOOTH PRO FULL LITE
TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES
3737 LAKEPORT BLVD.,
KLAMATH FALLS, OR 97601
PH: (541) 882-3451
FAX: (541) 850-2609
JELD-WEN
WINDOWS & DOORS

REMARKS	BY	DATE
Add ADA sill, Multi-Point Lock	GL	06/05/14
Reference DWG - #A010832A	AM	09/04/19

THIS 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.



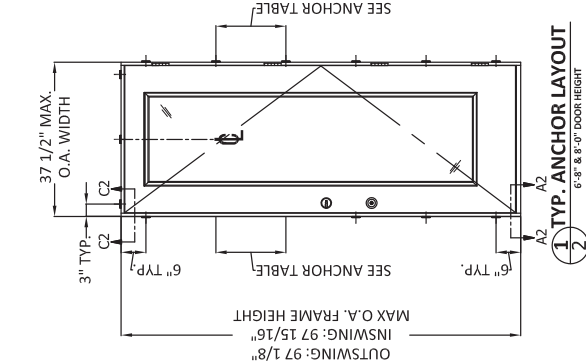
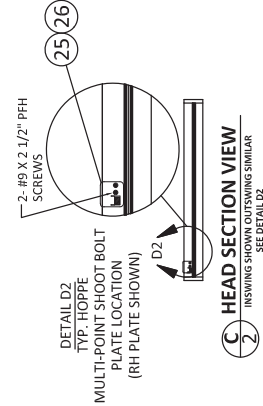
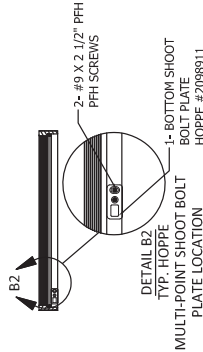
Digitally signed by Hermes F. Norero
Reason: I am approving this document
Date: 2019.10.01 19:00:01 -0400

DATE:	02.05.14
DWG. BY:	GL/TJM
CHK. BY:	SS/MSS
SCALE:	NTS
DWG. #:	D015687
SHEET:	OF 9

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 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 A NON-COMPRESSIBLE COMPOSITE OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING, AND SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- FOR HOLLOW BLOCK AND 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.
- FOR 2X STUD CONSTRUCTION, ANCHORING OF THESE PRODUCTS SHALL BE THE SAME AS FOR 2X BUCK CONCRETE/MASONRY CONSTRUCTION.
- 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 3000 PSI.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476; MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- SEE SHEETS 7 AND 8 FOR MORE DETAILS OF THE INSTALLATION REQUIREMENTS, INCLUDING ANCHOR LOCATIONS, EDGE DISTANCES, EMBEDMENTS, AND SHIM SPACING.
- OPTIONALLY, ANCHORS CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

ANCHOR TABLE						
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	6"8" DOORS	8"0" DOORS
					MAX. O.C. SPACING AT JAMBS	MAX. O.C. SPACING AT JAMBS
WOOD SCREW	#10	2X WOOD BUCK OR FRAMING	1-1/2"	3/4"	17-1/2"	17-1/4"
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	2-1/2"	17-1/2"	17-1/4"
ELCO ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	17-1/2"	17-1/4"
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	1"	10"	14-3/8"



NOTE:
NO ANCHORS REQUIRED AT THE SILL FOR SINGLE DOORS (X) ONLY.



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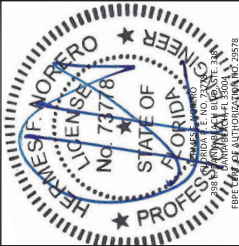
TITLE: **ANCHOR LAYOUTS AND NOTES**
DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT

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KILAMATH FALLS, OR 97601
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FAX: (541) 850-2609

JELD-WEN
WINDOWS & DOORS

REMARKS	BY	DATE
Add ADA sill, Multi-Point Lock	GL	06/05/14
Reference DWG - #A010832A	AM	09/04/19

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE DETAILS SHOWN HEREIN, THE INSTALLER SHALL CONSULT WITH THE ENGINEER OR ARCHITECT. SITE PREPARE SITE SPECIFIC DOCUMENTS CONSIDER WITH THIS DOCUMENT.



DATE:	02.05.14		
DWG. BY:	GL/TJM	CHK. BY:	SS/MSS
SCALE:	NTS		
DWG. #:	D015687		
SHEET:	OF9		

2

PREPARED BY:



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DESIGN PRO/SMOOTH PRO FULL LITE
ANCHORING DETAILS
OPTIONAL 2X BUCK
NON-IMPACT

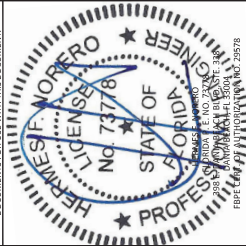
3737 LAKEPORT BLVD.,
KLAMATH FALLS, OR 97601
PH: (541)882-3451
FAX: (541)850-2609

JELD-WEN
WINDOWS & DOORS

TITLE:

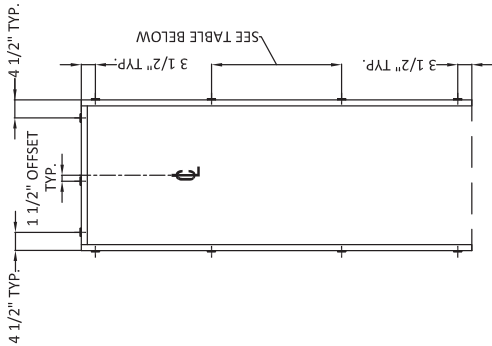
REMARKS	BY	DATE
Add ADA sill, Multi-Point Lock	GL	06/05/14
Reference DWG: #A010832A	AM	09/04/19

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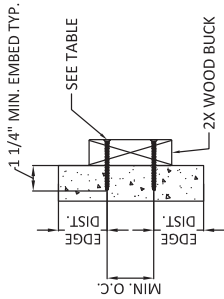
DATE:	02.05.14
DWG. BY:	CHK. BY:
GL/TJM	SS/MSS
SCALE:	NTS
DWG. #:	D015687
SHEET:	OF 9

3

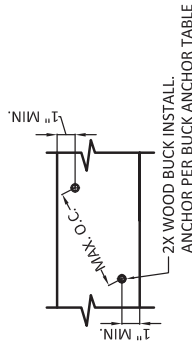


1 TYP. ANCHOR LAYOUT
3 OPTIONAL 2X BUCK IN CONCRETE/MASONRY

2X BUCK ANCHOR TABLE							
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DIST. TO SUBSTRATE	MIN. CENTER TO CENTER DISTANCE	6"8" DOORS	8"0" DOORS
						MAX. O.C. SPACING AT JAMBS	MAX. O.C. SPACING AT JAMBS
ITW TAPCON	1/4"	CONCRETE/CMU	1-1/4"	2-1/2"	4"	25"	30-1/4"
ELCO ULTRA CON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	4"	25"	30-1/4"



3 2X WOOD BUCK INSTALL.
3 CROSS SECTION



4 2X WOOD BUCK INSTALL.
3 SIDE VIEW

NOTES:

- 2X BUCK IS NOT FOR INSTALLATION AT SILL.
- ANCHORS MAY BE STAGGERED AS SHOWN IN DETAIL 4/3.

PREPARED BY:



BUILDING DROPS, INC.
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DANIA BEACH, FL 33004
PH: (954) 395-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

*DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT*
VERTICAL ASSEMBLIES

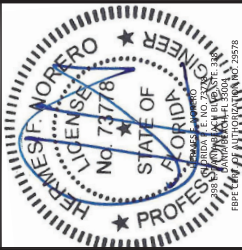
3737 LAKEPORT BLVD.,
KILAMATH FALLS, OR 97601
PH: (541) 882-3451
FAX: (541) 850-2609

JELD-WEN
WINDOWS & DOORS

TITLE:

REMARKS	BY	DATE
Add ADA sill, Multi-Point Lock	GL	06/05/14
Reference DWG: #A010832A	AM	09/04/19

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DATE: 02.05.14

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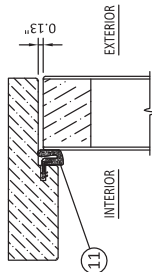
CHK. BY: SS/MSS

SCALE: NTS

DWG. #: D015687

SHEET: OF 9

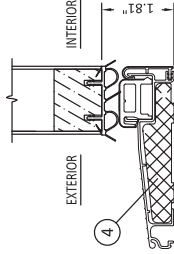
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1 OPERABLE HEAD

OUTSWING SHOWN - INSWING SIMILAR

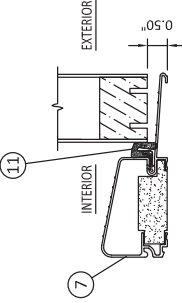
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3 OPERABLE SILL

INSWING

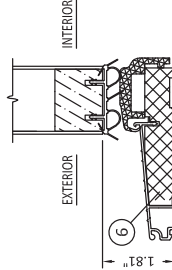
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7 OPERABLE SILL

OUTSWING
OPTIONAL AFCCO H-497

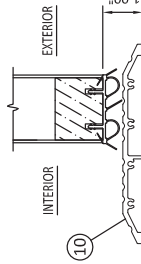
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6 OPERABLE SILL

INSWING

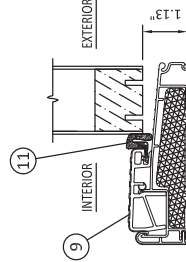
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5 OPERABLE ADA SILL

INSWING/OUTSWING

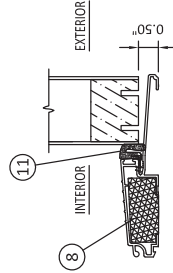
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4



9 OPERABLE SILL

OUTSWING

9
4



8 OPERABLE SILL

OUTSWING

8
4

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**DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
HORIZONTAL ASSEMBLIES**

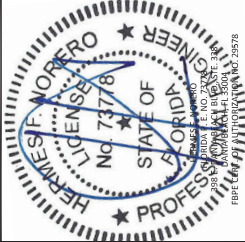
TITLE:

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JELD-WEN
WINDOWS & DOORS

REMARKS	BY	DATE
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SCALE: NTS

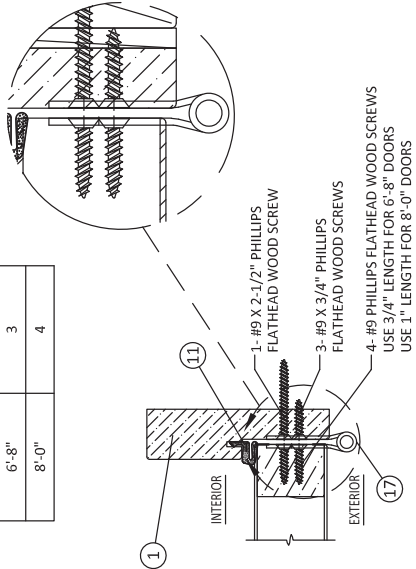
DWG. #: D015687

SHEET: OF 9

5

HINGE DETAIL AT JAMB:
PLACE #9 X 2-1/2" PFH SCREW NEXT TO WEATHERSTRIP

HINGE SCHEDULE	
DOOR HEIGHT	QUANTITY
6'-8"	3
8'-0"	4



HINGE JAMB

OUTSWING SHOWN - INSWING SIMILAR

3

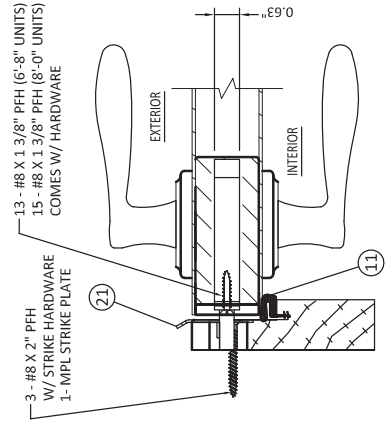
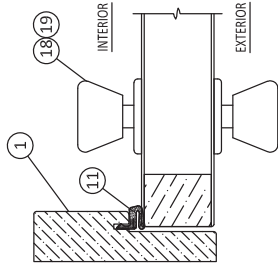
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LOCK JAMB

OUTSWING SHOWN - INSWING SIMILAR

1

5

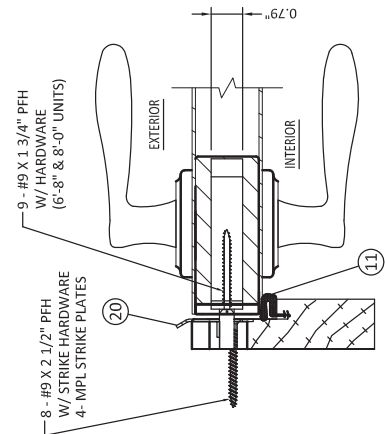


HOPPE MULTI-POINT LOCK JAMB

OUTSWING SHOWN - INSWING SIMILAR

5

5



ROCKWELL MULTI-POINT LOCK JAMB

OUTSWING SHOWN - INSWING SIMILAR

4

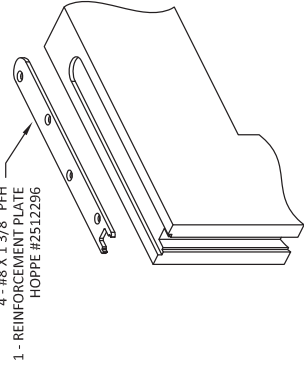
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HOPPE MULTI-POINT LOCK

TOP REINFORCEMENT PLATE - ACTIVE PANEL ONLY

6

5



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NON-IMPACT

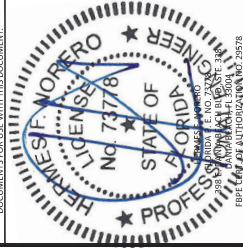
GLAZING DETAILS

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JELD-WEN
WINDOWS & DOORS

TITLE:

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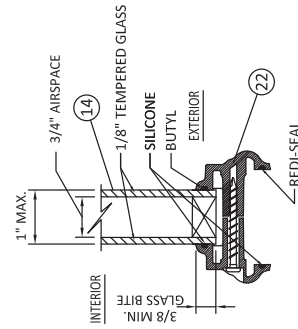
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CHK. BY: SS/MSS

SCALE: NTS

DWG. #: D015687

SHEET: OF 9

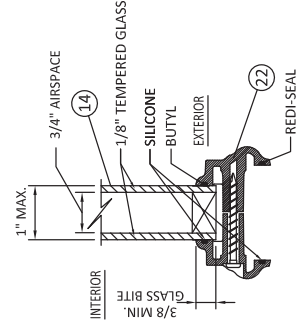
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1 6'-8" GLAZING DETAIL

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

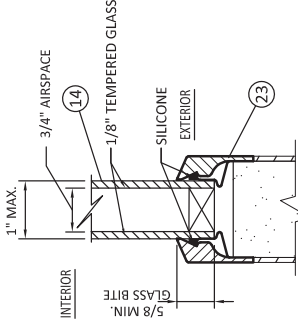
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2 8'-0" GLAZING DETAIL

20 1/2" MAX. D.L.O. WIDTH
78 1/2" MAX. D.L.O. HEIGHT

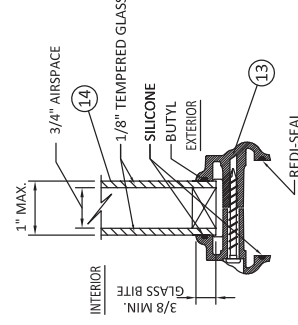
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3 FLUSH GLAZE DETAIL

23 7/8" MAX. D.L.O. WIDTH
78 7/8" MAX. D.L.O. HEIGHT

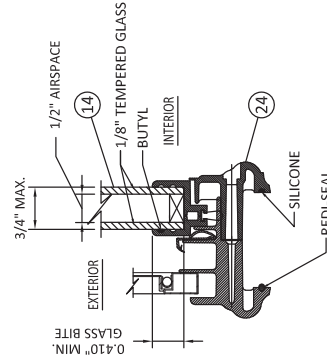
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4 GLAZING DETAIL

FOR OVAL, SUNBURST, AND ROUND TOPS
ONLY IN 6'8" UNITS AT DP+/- 50 PSF

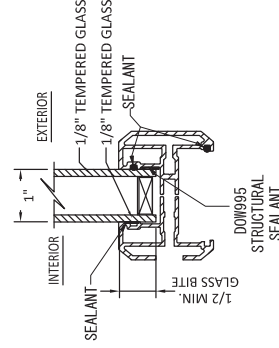
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5 GLAZING DETAIL

FOR HALF LITE VENT LITES
IN 6'8" UNITS ONLY

5

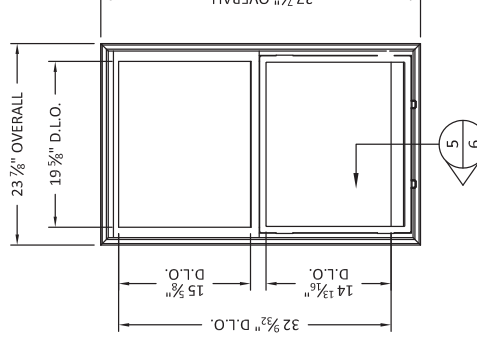


6 GLAZING DETAIL OPTION

20 1/2" MAX D.L.O. WIDTH
78 1/2" MAX D.L.O. HEIGHT

3-0 X 6-8 - DP 50
3-0 X 8-0 - DP 50

6



24 OD L VENT LITE ASSEMBLY

24

NOTE:
FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS
BETWEEN GLASS, DECORATIVE, EXTERNAL AND INTERNAL
WROUGHT IRON AND RADIUS (SHAPED) LITES ARE APPROVED
IN ALL GLAZING DETAILS SHOWN ABOVE.



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DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT

WOOD INSTALLATION

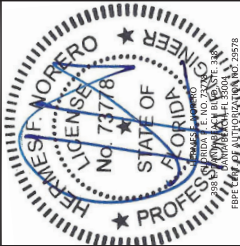
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JELD-WEN
WINDOWS & DOORS

TITLE:

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DATE: 02.05.14

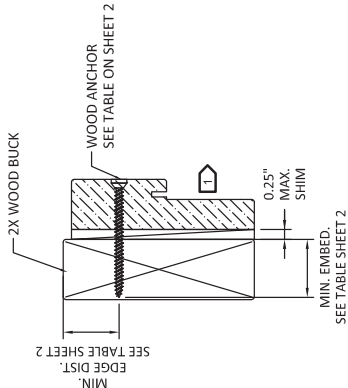
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CHK. BY: SS/MSS

SCALE: NTS

DWG. #: D015687

SHEET: OF 9

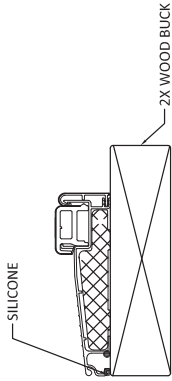
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2 JAMB (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR

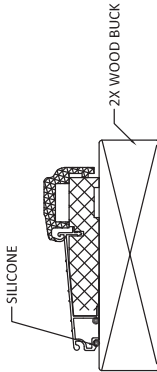
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3 OPERABLE SILL

INSWING - NO ANCHOR REQUIRED

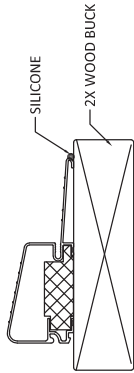
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6 OPERABLE SILL

INSWING - NO ANCHOR REQUIRED

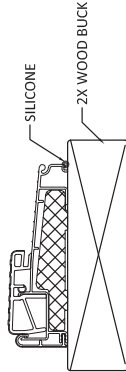
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7 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED
AFCO H-497

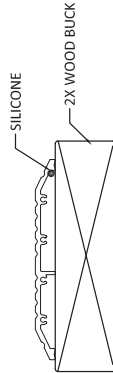
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9 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED

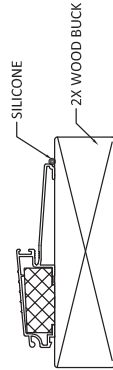
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10 OPERABLE ADA SILL

INSWING/OUTSWING - NO ANCHOR REQUIRED

10
7



8 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED

8
7

1 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

PREPARED BY:



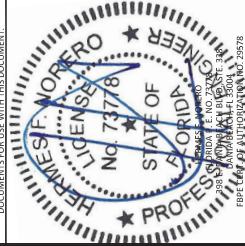
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DANIA BEACH, FL 33004
PH: (954)399-8478
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TITLE: **DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
CONCRETE INSTALLATION**

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PH: (541)882-3451
FAX: (541)850-2609

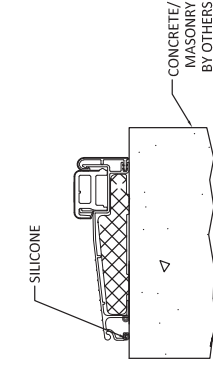
JELD-WEN
WINDOWS & DOORS

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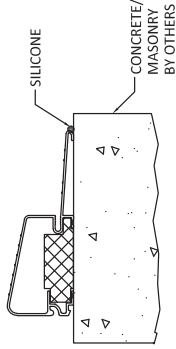
DATE:	02.05.14		
DWG. BY:	GL/TJM	CHK. BY:	SS/MSS
SCALE:	NTS		
DWG. #:	D015687		
SHEET:	OF 9		

8



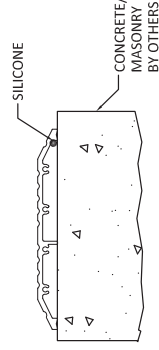
3 OPERABLE SILL

INSWING - NO ANCHOR REQUIRED



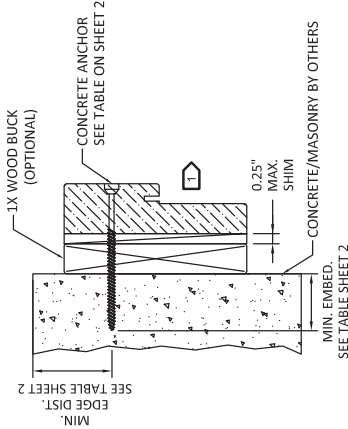
7 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED
APCO H-497



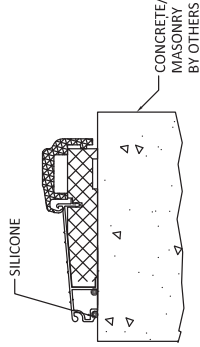
10 OPERABLE SILL

OUTSWING/INSWING - NO ANCHOR REQUIRED



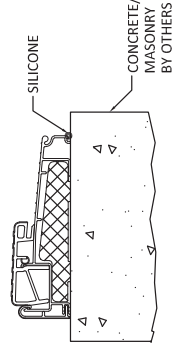
2 JAMB (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR



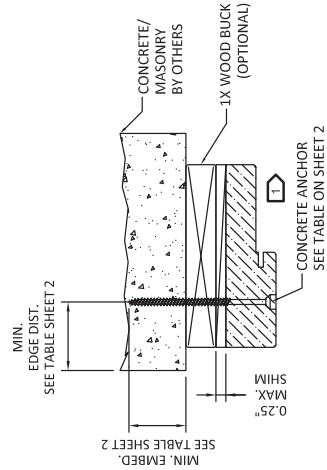
6 OPERABLE SILL

INSWING - NO ANCHOR REQUIRED



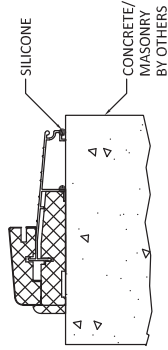
9 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED



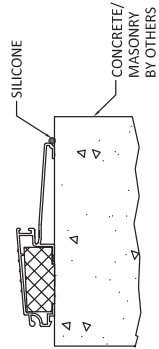
1 HEAD (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR



4 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED



8 OPERABLE SILL

OUTSWING - NO ANCHOR REQUIRED

1 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.



Product Approval
USER: Public User

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Search Criteria

[Refine Search](#)

Code Version	2020	FL#	13541.4
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL13541-R18 History	Revision	JELD-WEN FL#: FL13541.4 Model: D. Design Pro / Smooth Pro Fiberglass Description: Double (XX) Glazed Fiberglass Door, 6'-0" x 6'-8" and 6'-0" x 8'-0", Inswing and Outswing Category: Exterior Doors Subcategory: Swinging Exterior Door Assemblies	National Accreditation & Management Institute (804) 684-5124	Approved *

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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Product Approval
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FL #	FL13541-R18						
Application Type	Revision						
Code Version	2020						
Application Status	Approved						
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Comments							
Archived	☐						
Product Manufacturer	JELD-WEN						
Address/Phone/Email	3737 Lakeport Blvd Klamath Falls, OR 97601 (800) 535-3936 fbc1@jeld-wen.com						
Authorized Signature	Rylee Sumner Fricks fbc1@jeld-wen.com						
Technical Representative	JELD-WEN Corporate Customer Service						
Address/Phone/Email	3737 Lakeport Blvd. Klamath Falls, OR 97601 (800) 535-3936 customerserviceagents@jeld-wen.com						
Quality Assurance Representative							
Address/Phone/Email							
Category	Exterior Doors						
Subcategory	Swinging Exterior Door Assemblies						
Compliance Method	Certification Mark or Listing						
Certification Agency	National Accreditation & Management Institute						
Validated By	National Accreditation & Management Institute						
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>ASTM E330</td><td>2014</td></tr> <tr> <td>TAS 202</td><td>1994</td></tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM E330	2014	TAS 202	1994
<u>Standard</u>	<u>Year</u>						
ASTM E330	2014						
TAS 202	1994						
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL13541_R18_Equiv_ASTM_E330_Letter_of_Equivalence_07_06_2020.pdf						
Product Approval Method	Method 1 Option A						
Date Submitted	08/03/2020						

JELD-WEN® WINDOWS & DOORS

DESIGN PRO / SMOOTH PRO FULL LITE NON-IMPACT

FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT INTERNATIONAL BUILDING CODE (IBC), INTERNATIONAL RESIDENTIAL CODE (IRC), AND FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E330-02
 - ASTM E283-04
 - AAMA 1304-02
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY OR 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.
3. 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.
4. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
5. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
6. FULL LITE APPROVAL COVERS USE OF FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS BETWEEN GLASS, DECORATIVE, AND EXTERNAL AND INTERNAL WROUGHT IRON. RADIUS (SHAPED) LITES ARE QUALIFIED FOR 6'-8" DOORS AT DP +/-50 PSF ONLY.
7. NOTE: AFCO H-497 SILL MEETS WATER INFILTRATION AT WATER TEST PRESSURE (WTP) OF 9.0 PSF. REMAINING SILLS NOT 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

TABLE OF CONTENTS

SHEET	REVISION	SHEET DESCRIPTION
1	A	TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES
2	A	TYPICAL ANCHOR LAYOUTS AND NOTES
3	-	OPTIONAL 2X BUCK ANCHORING DETAILS
4	-	VERTICAL ASSEMBLIES
5	A	HORIZONTAL ASSEMBLIES
6	A	GLAZING DETAILS
7	-	WOOD SUBSTRATES
8	-	CONCRETE SUBSTRATES
9	A	COMPONENTS & BILL OF MATERIALS

PREPARED BY:



BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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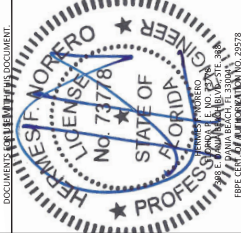
DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
TYPICAL ELEVATIONS, DESIGN
PRESSURES, AND GENERAL NOTES
TITLE:

3737 LAKEPORT BLVD.
KILAMATH FALLS, OR 97601
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FAX: (541) 850-2609

JELD-WEN
WINDOWS & DOORS

REMARKS
BY DATE
GL 06/12/14
Add Multi-Point Lock
Reference DWG. #A010834A AM 09/04/19

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.



Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2019.12.12 13:19:12 -0500

DATE: 02.05.14

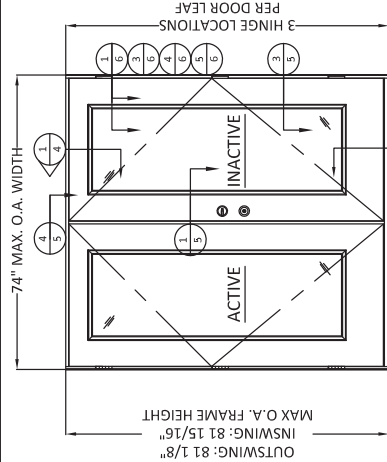
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CHK BY: SS/MSS

SCALE: NTS

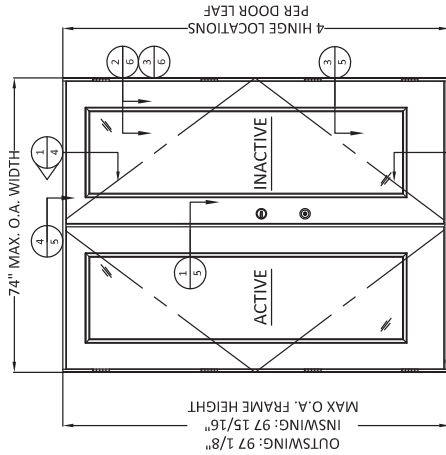
DWG. #: D015689

SHEET: OF 9

1



1 TYP. ELEVATION 1
6'-8" DOOR HEIGHT



2 TYP. ELEVATION 2
6'-8" DOOR HEIGHT

NOTE:
INACTIVE AND ACTIVE DOOR PANEL
ORIENTATION IS INTERCHANGEABLE.

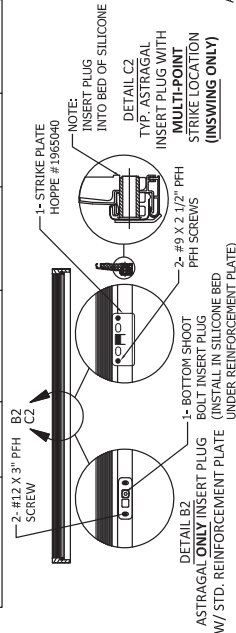
CONFIGURATION	MAX. OVERALL NOMINAL SIZE		DESIGN PRESSURE (PSF)				MISSILE IMPACT RATING
	WIDTH	HEIGHT	INSWING	OUTSWING	POS.	NEG.	
XX	6'-0"	6'-8"	50*	50*	50*	50	NON-IMPACT
XX RADIUS	6'-0"	6'-8"	50*	50*	50*	50	NON-IMPACT
XX	6'-0"	8'-0"	50*	50*	50*	50	NON-IMPACT

*SEE GENERAL NOTE 7, SHEET 1, FOR WATER INFILTRATION APPROVED SILLS.

INSTALLATION NOTES:

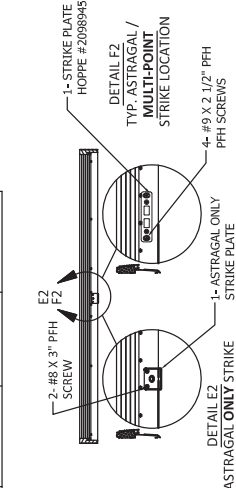
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE A NON-COMPRESSIBLE COMPOSITE OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING, AND SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- FOR HOLLOW BLOCK AND 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.
- FOR 2X STUD CONSTRUCTION, ANCHORING OF THESE PRODUCTS SHALL BE THE SAME AS FOR 2X BUCK CONCRETE/MASONRY CONSTRUCTION.
- 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 3000 PSI.
 - GROUT-FILLED CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- SEE SHEETS 7 AND 8 FOR MORE DETAILS OF THE INSTALLATION REQUIREMENTS, INCLUDING ANCHOR LOCATIONS, EDGE DISTANCES, EMBEDMENTS, AND SHIM SPACING.
- OPTIONALLY, ANCHORS CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

ANCHOR TABLE								
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	6'8" DOORS		8'0" DOORS	
					MAX. O.C. SPACING AT HEAD/SILL JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	MAX. O.C. SPACING AT HEAD/SILL JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS
WOOD SCREW	#10	2X WOOD BUCK OR FRAMING	1-1/2"	3/4"	17-1/2"	4	17-1/4"	4
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	2-1/2"	17-1/2"	4	17-1/4"	4
ELCO ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	17-1/2"	4	17-1/4"	4
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	1"	11-5/8"	8	14-3/8"	6



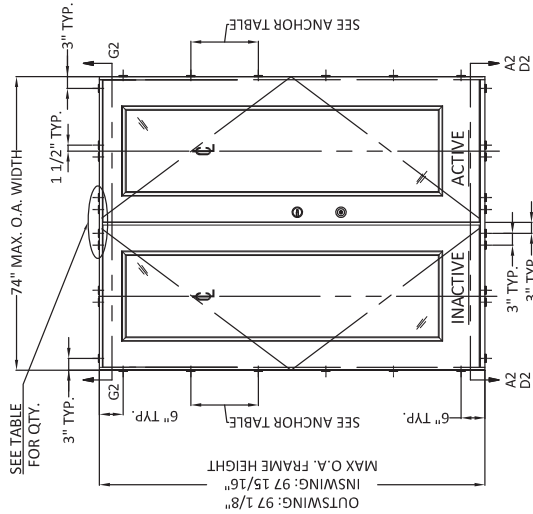
A INSWING SILL SECTION VIEW

SEE DETAIL B2 OR C2 ABOVE



D OUTSWING SILL SECTION VIEW

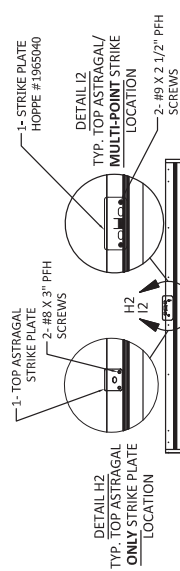
SEE DETAIL E2 OR F2 ABOVE



1 TYP. ANCHOR LAYOUT

6'-8\"/>

NOTE:
INACTIVE AND ACTIVE DOOR PANEL
ORIENTATION IS INTERCHANGEABLE



2 HEAD SECTION VIEW

INSWING SHOWN OUTSWING SIMILAR

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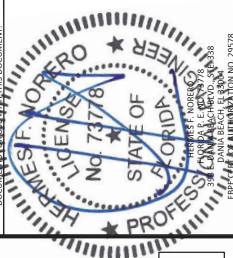
DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
ANCHOR LAYOUTS AND NOTES

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JELD-WEN
WINDOWS & DOORS

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A010834A	AM	09/04/19

THIS INSTALLATION DETAIL DESCRIBED HEREIN ARE GENERAL INSTRUCTIONS FOR THE INSTALLATION OF THE PRODUCT. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE PRODUCT MEETS ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVALS FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED PROFESSIONAL ENGINEER HAS REVIEWED THIS DOCUMENT FOR COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.



DATE:	02.05.14
DWG. BY:	GL/TJM
CHK BY:	SS/MISS
SCALE:	NTS
DWG. #:	D015689
SHEET:	OF 9



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DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
OPTIONAL 2X BUCK
ANCHORING DETAILS

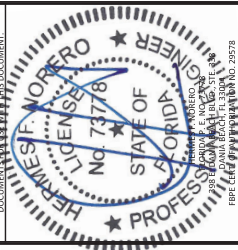
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FAX: (541)850-2609

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WINDOWS & DOORS

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A010834A	AM	09/04/19

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FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 02.05.14

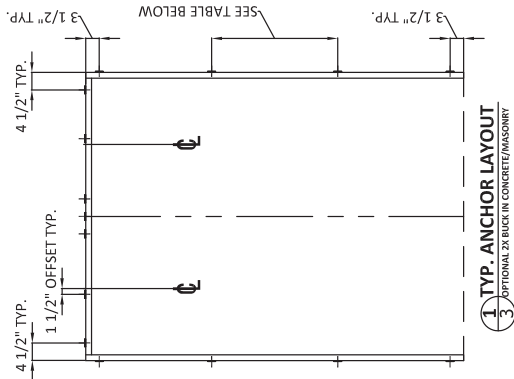
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SCALE: NTS

DWG. #: D015689

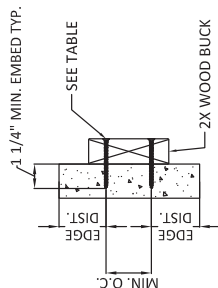
SHEET: OF 9

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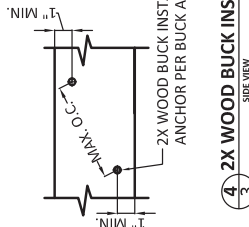


2X BUCK ANCHOR TABLE

ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DIST. TO SUBSTRATE	MIN. CENTER TO CENTER DISTANCE	6"8" DOORS	8"10" DOORS
ITW TAPCON	1/4"	CONCRETE/CMU	1-1/4"	2-1/2"	4"	25"	30-1/4"
ELCO ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	4"	26"	30-1/4"



3 2X WOOD BUCK INSTALL.



4 2X WOOD BUCK INSTALL.

1. 2X BUCK IS NOT FOR INSTALLATION AT SILL. THRESHOLD SHALL BE FASTENED IN ACCORDANCE WITH ANCHOR LOCATIONS SHOWN ON SHEET 2.

2. ANCHORS MAY BE STAGGERED AS SHOWN IN DETAIL 4/3.

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DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
VERTICAL ASSEMBLIES

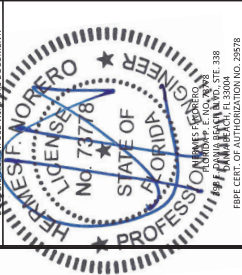
3737 LAKEPORT BLVD.,
KLAMATH FALLS, OR 97601
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FAX: (541)850-2609

JELD-WEN
WINDOWS & DOORS

TITLE:

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A0108344	AM	09/04/19

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL IN NATURE AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC PROJECT. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE DETAILS SHOWN, THE INSTALLER MUST CONSULT WITH THE ENGINEER AND PREPARE A REVISION TO THE DRAWING. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE PROPER INSTALLATION OF THIS DOCUMENT.



FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 02.05.14

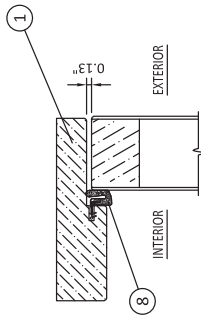
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SCALE: NTS

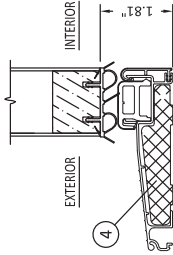
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SHEET: OF 9

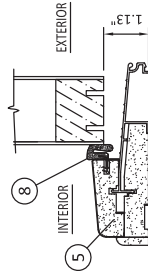
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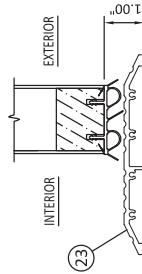
1 OPERABLE HEAD
OUTSWING SHOWN - INSWING SIMILAR



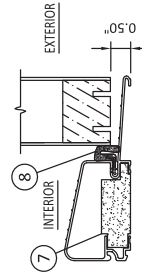
3 OPERABLE SILL
INSWING



4 OPERABLE SILL
OUTSWING



5 OPERABLE ADA SILL
INSWING/OUTSWING



7 OPERABLE SILL
OUTSWING
OPTIONAL AFCCO H-497



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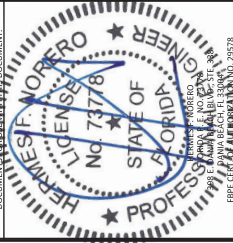
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JELD-WEN
WINDOWS & DOORS

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A010834A	AM	09/04/19

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DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 02.05.14

DWG. BY: GL/TJM	CHK. BY: SS/MSS
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SCALE: NTS

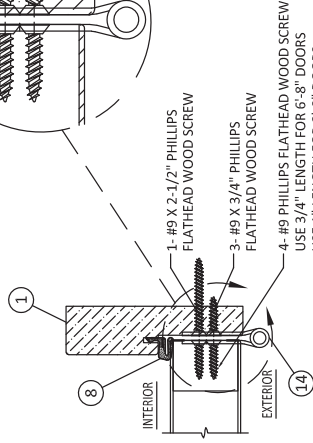
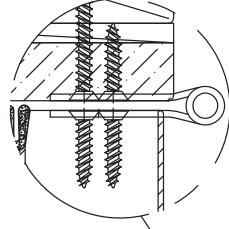
DWG. #: D015689

SHEET: OF 9

5

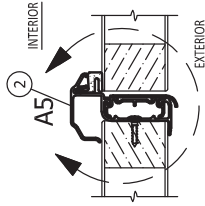
HINGE SCHEDULE	
DOOR HEIGHT	QUANTITY
6'-8"	3
8'-0"	4

HINGE DETAIL AT JAMB:
PLACE #9 X 2-1/2" PFH SCREW NEXT TO WEATHERSTRIP



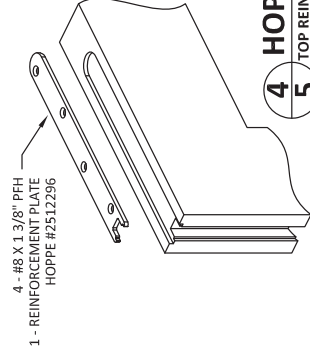
HINGE JAMB

OUTSWING SHOWN - INSWING SIMILAR



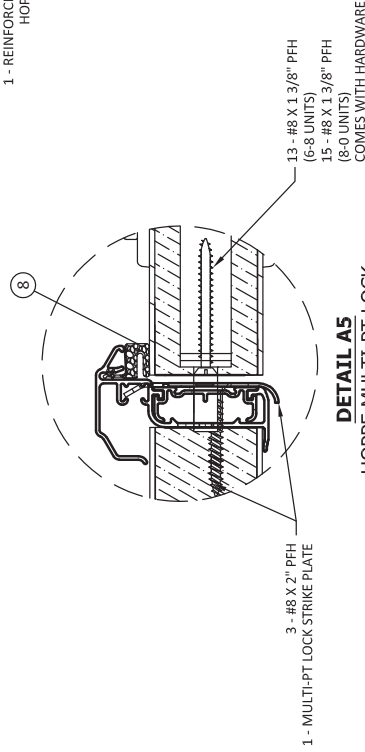
MEETING STILE

OUTSWING SHOWN - INSWING SIMILAR



4 HOPPE MULTI-POINT LOCK

5 TOP REINFORCEMENT PLATE - ACTIVE PANEL ONLY



DETAIL A5
HOPPE MULTI-PT LOCK
FASTENING

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DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
GLAZING DETAILS

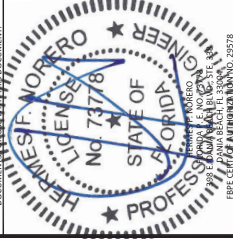
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KILMATH FALLS, OR 97601
PH: (541) 882-3451
FAX: (541) 850-2609

JELD-WEN
WINDOWS & DOORS

TITLE:

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A010834A	AM	09/04/19

THE INSTALLATION OF DETAIL DESCRIBED HEREIN ARE GENERAL IN NATURE AND ARE NOT TO BE CONSIDERED A COMPLETE SET OF REQUIREMENTS DETAILED HEREIN. A LICENSED PROFESSIONAL ENGINEER MUST REVIEW AND APPROVE ANY SITE SPECIFIC CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED PROFESSIONAL ENGINEER MUST REVIEW AND APPROVE ANY SITE SPECIFIC CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN. A LICENSED PROFESSIONAL ENGINEER MUST REVIEW AND APPROVE ANY SITE SPECIFIC CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN.



DATE: 02.05.14

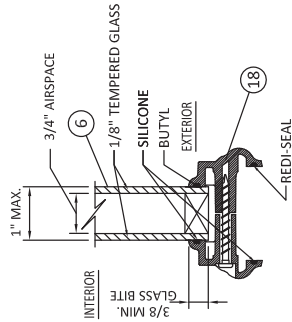
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CHK BY: SS/MSS

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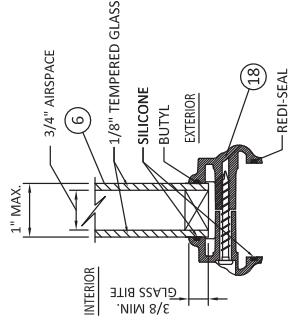
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SHEET: OF 9

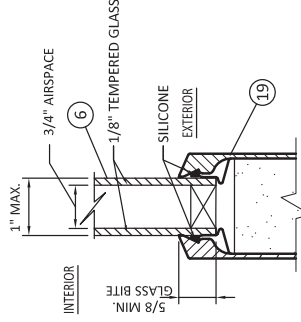
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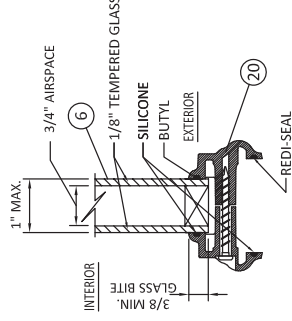
1 6'-8" GLAZING DETAIL
20 1/2" MAX. D.L.O. WIDTH
62 1/2" MAX. D.L.O. HEIGHT



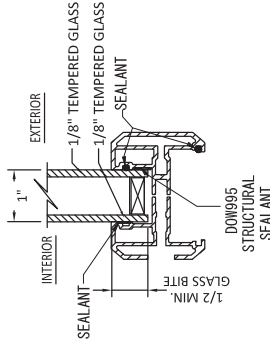
2 8'-0" GLAZING DETAIL
20 1/2" MAX. D.L.O. WIDTH
78 1/2" MAX. D.L.O. HEIGHT



3 FLUSH GLAZE DETAIL
23 7/8" MAX. D.L.O. WIDTH
78 7/8" MAX. D.L.O. HEIGHT



4 GLAZING DETAIL
FOR OVAL SUNBURST, AND ROUND TOPS
ONLY IN 6'8" UNITS AT DP+/- 50 PSF



5 GLAZING DETAIL OPTION
20 1/2" MAX D.L.O. WIDTH
78 1/2" MAX D.L.O. HEIGHT

3-0 X 6-8 - DP 50
6-0 X 6-8 - DP 50
3-0 X 8-0 - DP 50
6-0 X 8-0 - DP 45

NOTE:
FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS
BETWEEN GLASS, DECORATIVE, EXTERNAL AND INTERNAL
WROUGHT IRON AND RADIUS (SHAPED) LITES ARE APPROVED
IN ALL GLAZING DETAILS SHOWN ABOVE.

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**DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
WOOD INSTALLATION**

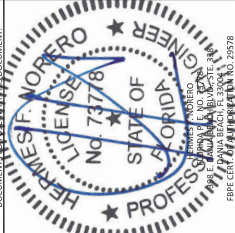
3737 LAKEPORT BLVD.
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3737 LAKEPORT BLVD., KILMATH FALLS, OR 97601

TITLE:

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A010834A	AM	09/04/19

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL INSTRUCTIONS ONLY. THEY ARE NOT TO BE USED AS A SUBSTITUTE FOR THE REQUIREMENTS DETAILED HEREIN. A LICENSED PROFESSIONAL ENGINEER MUST REVIEW AND SIGN THESE DETAILS. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED PROFESSIONAL ENGINEER MUST REVIEW AND SIGN THE DEVIATION DOCUMENT.



DATE: 02.05.14

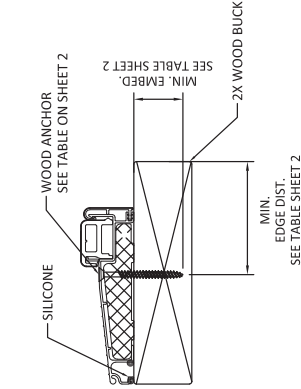
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CHK BY: SS/MSS

SCALE: NTS

DWG. #: D015689

SHEET: OF 9

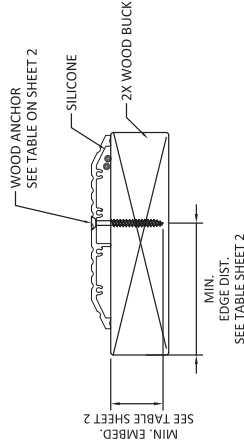
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OPERABLE SILL

INSWING

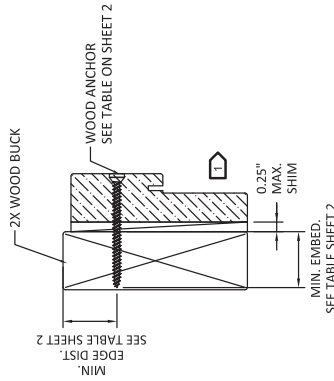
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OPERABLE SILL

ADA SILL

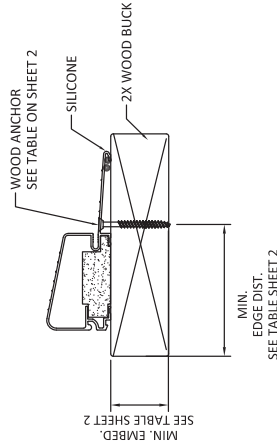
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JAMB (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR

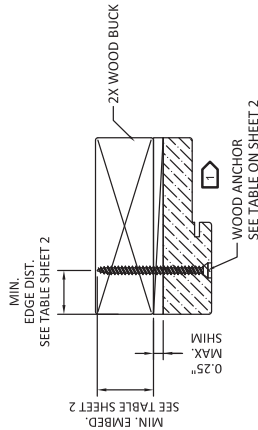
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OPERABLE SILL

HIGH BUMP OUTSWING
AFCO H-497

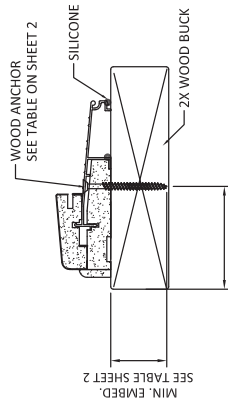
5 7



HEAD (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR

1 7



OPERABLE SILL

OUTSWING

4 7

OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

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DESIGN PRO/SMOOTH PRO FULL LITE
CONCRETE INSTALLATION

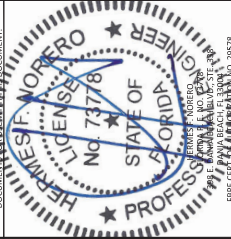
3737 LAKEPORT BLVD.
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3/20/2019 10:45 AM

TITLE:

REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
Reference DWG. #A010834A	AM	09/04/19

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FLORIDA PROFESSIONAL ENGINEER
LICENSE NO. 73778
DATE: 09/04/19
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DATE: 02.05.14

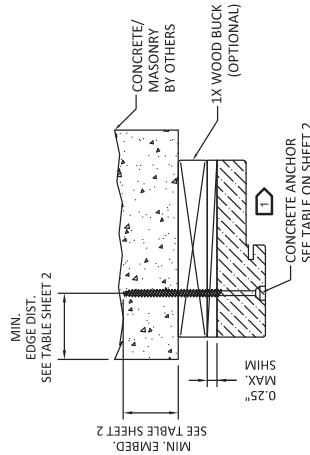
DWG. BY: GL/TJM
CHK. BY: SS/MSS

SCALE: NTS

DWG. #: D015689

SHEET: OF 9

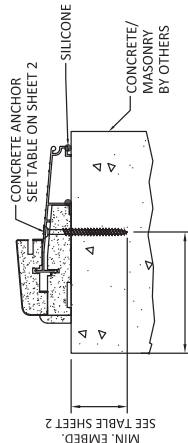
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1 HEAD (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR

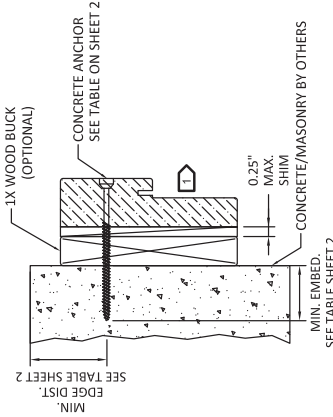
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4 OPERABLE SILL

OUTSWING

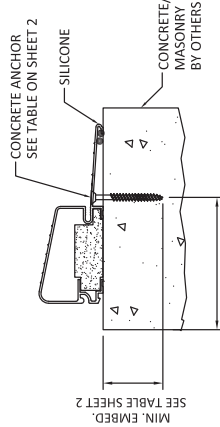
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2 JAMB (TYPICAL)

OUTSWING SHOWN - INSWING SIMILAR

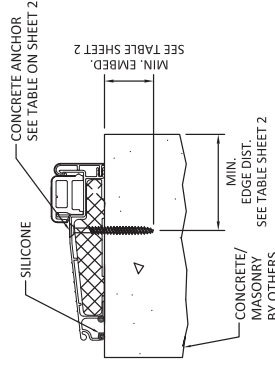
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5 OPERABLE SILL

HIGH BUMP OUTSWING
AFCCO H-497

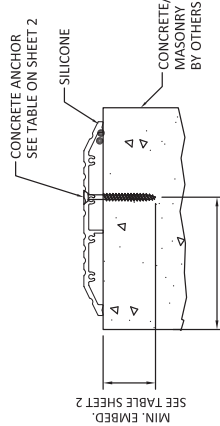
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3 OPERABLE SILL

INSWING

8



6 OPERABLE SILL

ADA SILL

8

1 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

1

FRAME HEAD/JAMBS
VARIES, SEE BOM ABOVE

2

ENDURA ASTRAGAL
ALUMINUM

4

THRESHOLD

1

1.25"

4.563"

2.74"

0.06"

1.78"

5

THRESHOLD

7

AFCO H-497 THRESHOLD

23

ADA SILL

1

1.75"

5.62"

1.65"

4.62"

0.50"

5.00"

17

HOPPE MULT-POINT LOCK

79.25" [6'-8"]

95.25" [8'-0"]

36.00" [6'-8" & 8'-0"]

0.63"

HANDLE HEIGHT

ITEM#	BILL OF MATERIALS	MATERIAL
	DESCRIPTION	
1	FRAME HEAD/JAMBS	FINGER-JOINTED PINE
		SOLID PINE
		LAMINATED VENEER LUMBER
		COMPOSITE
2	ASTRAGAL, ENDURA ULTIMATE HURRICANE (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	6063-T6 ALUMINUM
3	(NOT USED)	-
4	THRESHOLD	-
5	THRESHOLD	-
6	1" O.A. IG TEMPERED NON-IMPACT GLASS	-
7	AFCO H-497 THRESHOLD	-
8	WEATHERSTRIP	URETHANE FOAM & POLYETHYLENE
9	NON-COMPRESSION SHIM (0.25" MAX. THK.)	COMPOSITE
10	2X WOOD (S.G. MUST BE 0.55 OR GREATER)	WOOD
11	1X WOOD (S.G. MUST BE 0.55 OR GREATER)	WOOD
12	#10 WOOD INSTALLATION SCREW W/ 1 1/2" MIN. EMBEDMENT	STEEL
13	CONC./CMU ANCHOR (SEE ANCHOR TABLE SHEETS 2 & 3)	STEEL
14	BUTT HINGE (SEE SCHEDULE SHEET 5)	-
15	LOCK SERIES 400	STEEL
16	DEADBOLT SERIES 780	STEEL
17	HOPPE MULT-POINT HARDWARE HLS9000 (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	STEEL
18	ODL UPLITE KIT (NI)	PLASTIC
19	FLUSH GLAZING LEG	FIBERGLASS
20	ODL UPLITE KIT (RADIUS LITES)	PLASTIC
21	FLAT LITE KIT	ALUMINUM
22	PU DOOR CORE	-
23	ADA THRESHOLD	-

COMPONENTS AND BILL OF MATERIALS

DESIGN PRO/SMOOTH PRO FULL LITE

NON-IMPACT

3737 LAKEPORT BLVD.

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TITLE:

REMARKS

BY

DATE

Add Multi-Point Lock

GL

06/12/14

Reference DWG: #A010834A

AM

09/04/19

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PE# 00000000000000000000000000000000

DATE: 02.05.14

DWG. BY: GL/TJM

CHK. BY: SS/MSS

SCALE: NTS

DWG. #: D015689

SHEET: 9 OF 9