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Search



Product Approval
USER: Public User

Product Approval Menu > Product or Application Search > Application List

Search Criteria

Refine Search

Code Version Application Type Category	2017 ALL ALL	FL# Product Manufacturer Subcategory	
Category	ALL	Subcategory	
Application Status	ALL	Compliance Method	
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	
Product Model, Number or Name	ALL	Product Description	
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	
Impact Resistant	ALL	Design Pressure	

Search Results - Applications

Other

AL

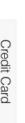
FL#	Туре	<u>Manufacturer</u>	Validated By	Status
FL17354-R2	Affirmation	Custom Window Systems Inc. FL#: FL17354.1	Steven M. Urich, PE (717) 317-8454	Approved
7		Model: PW-615 Vinyl Fixed Window Description: PW-615 Vinyl Fixed Window, Non-Impact Category: Windows Subcategory: Fixed		

*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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USER: Public User

Product Approval Menu > Product or Application Search > Application List > Application Detail

Application Status Code Version Application Type 2017 Approved Affirmation FL17354-R2

Comments

Archived

Address/Phone/Email Product Manufacturer Custom Window Systems Inc.

1900 SW 44th Avenue Ocala, FL 34474 (352) 368-6922 Ext 29

Ext 291

jlathrop@cws.cc

Authorized Signature

kpine@cws.cc Kevin Pine

1900 SW 44th Ave. Ocala, FL 34474 (352) 368-6922 Ex ekoss@cws.cc Erin Koss Ext 291

Address/Phone/Email

Technical Representative

1900 SW 44th Ave. Ocala, FL 34474 (352) 368-6922 Ex jlathrop@cws.cc Jay Lathrop Ext 291

Address/Phone/Email

Quality Assurance Representative

Fixed

Windows

Category

Compliance Method Subcategory

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report Lucas. A Turner

Quality Assurance Entity Florida License

Quality Assurance Contract Expiration Date Steven M. Urich, PE 07/21/2030 PE-58201 Keystone Certifications, Inc.

Validated By

Validation Checklist - Hardcopy Received

Certificate of Independence FL17354 R2 COI EvalRep CWS-944A (PW-615, NI).pdf

Referenced Standard and Year (of Standard) Standard AAMA/WDMA/CSA 101/I.S.2/A440-08 <u>Year</u> 2008 2004

ASTM E1300-04

Equivalence of Product Standards Certified By

Sections from the Code

☑ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity $\ \bigcirc\ \mathsf{yes}\ \ \bigcirc\ \mathsf{No}\ \ \bigcirc\ \mathsf{N/A}$

FL17354 R2 COC 6thEdFBC-FL17354.pdf

Product Approval Method 1 Option D

Date Submitted 09/14/2017

Date Validated 09/14/2017

Date Pending FBC Approval 09/15/2017

Date Approved 09/15/2017

Summary of Products

F2 #	Model, Number or Name	Description
17354.1	PW-615 Vinyl Fixed Window	PW-615 Vinyl Fixed Window, Non-Impact
Limits of Use Approved for use in HVHZ: No	VHZ: No	Installation Instructions FL17354 R2 II CWS-944A (PW-615, NI).pdf
Approved for use outside HVHZ: Yes Impact Resistant: No	ide HVHZ: Yes	Verified By: Lucas A. Tuner PE-58201 Created by Independent Third Party: Yes Evaluation Benorts
Other: PW-615, Max sizes 5	Design Pressure: +50/-50 Other: PW-615, Max sizes 54" x 96" & 68" x 76", Fin, Flange,	Evaluation Reports FL17354 R2 AE EvalRep CWS-944A (PW-615, NI).pdf
DP +50/-50 PSF. Glass co	DP +50/-50 PSF. Glass complies with ASTM E1300-04.	Created by Independent Third Party: Yes
17354.2	PW-655 Vinyl Fixed Window	PW-655 Vinyl Fixed Window, Non-Impact
Limits of Use		Installation Instructions
Approved for use in HVHZ: No Approved for use outside HVHZ: Yes	VHZ: No ide HVHZ: Yes	EL17354 R2 II CWS-945A (PW-655, NI).pdf Verified By: Lucas A. Turner PE-58201
Impact Resistant: No Design Pressure: +50/-50	-'-50	Created by Independent Third Party: Yes Evaluation Reports
Other: PW-655, Max size DP +50/-50 PSF. Glass co	Other: PW-655, Max sizes $54" \times 96" \& 68" \times 76"$, Fin, Flange, DP +50/-50 PSF. Glass complies with ASTM E1300-04.	FL17354 R2 AE EvalRep CWS-945A (PW-655, NI).pdf Created by Independent Third Party: Yes



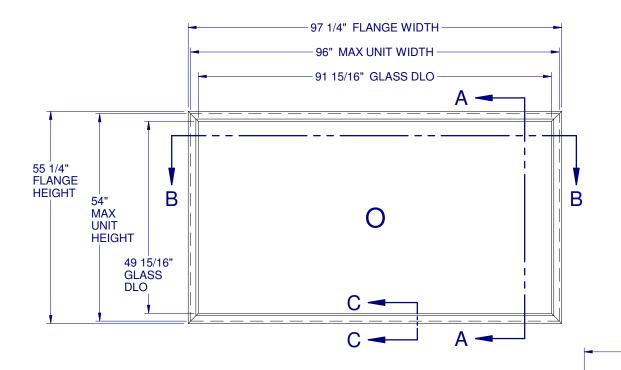
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PICTURE WINDOW - NON-IMPACT



77 1/4" **FLANGE**

HEIGHT

76" MAX UNIT **HEIGHT**

71 15/16"

GLASS DLO

- **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 3)
- 3. CONFIGURATIONS: "O". ARCHITECTURAL SHAPES INCLUDE, BUT ARE NOT LIMITED TO, THOSE SHOWN ON SHEET 2.
- 4. DESIGN PRESSURE RATING (SEE SHEET 5): -NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04. -POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04.
- 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 7 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 FULLY WELDED.
- 8. SERIES / MODEL DESIGNATION PW-615.
- 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: O = FIXED SASH
- 10. SECTION CALLOUTS APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.

Lucas A. Turner 2015-04-03

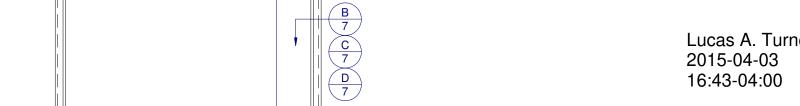


TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS	1
ARCHITECTURAL SHAPES	2
GLAZING DETAILS	3
SECTION VIEWS & ALT. FRAME	4
DP CHART, BOM & EXTRUSIONS	5
ANCHOR SCHEDULE & NOTES	6
INSTALLATION DETAILS	

MAX. UNIT SIZE	DESIGN PRESSURE RATING	IMPACT RATING
68" x 76"	SEE COMPARATIVE ANALYSIS	NONE
96" x 54"	CHART, SHEET 5	NONE

69 1/4" FLANGE WIDTH

68" MAX UNIT WIDTH

63 15/16" GLASS DLO

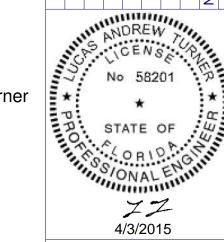
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1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

615 PVC PICTURE WINDOW NON-IMPACT

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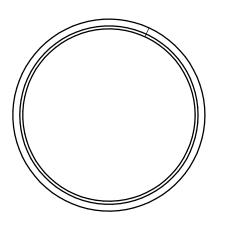


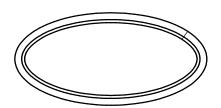
LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

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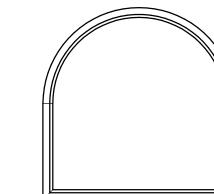
GENERAL NOTES AND ELEVATIONS

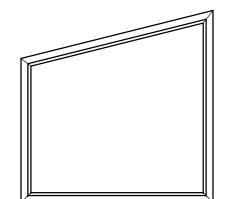
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SCALE:	SHEET				
1:25	1 OF 7				





FULL ELLIPSE (OVAL)



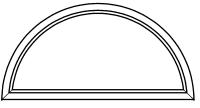


TOMBSTONE

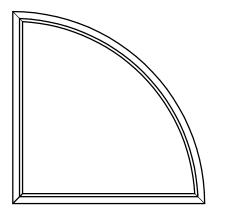




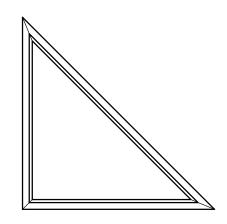
FULL CIRCLE



1/2 CIRCLE



1/4 CIRCLE



OCTAGON

TRIANGLE

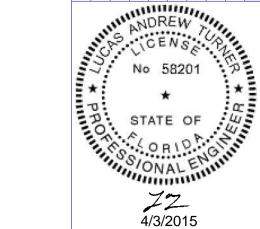
NOTES:

- 1. SEE SHEET 6 FOR DETAILED ANCHOR INSTALLATION REQUIREMENTS.
- 2. THRU FRAME MASONRY, WOOD OR METAL OPENING. THRU FIN WOOD OPENING.
- 3. OVERALL SIZE MUST NOT EXCEED THE MAX. WIDTH AND HEIGHT OF RECTANGULAR WINDOWS ON SHEET 1.
- 4. ANCHOR SPACING FOR ARCHITECTUAL FLANGE AND FIN WINDOWS MUST FOLLOW THE LAYOUTS SHOWN ON SHEET 6, WITH ANCHOR SPACING MEASURED ALONG THE LENGTH OF THE PRODUCT.



615 PVC PICTURE WINDOW NON-IMPACT

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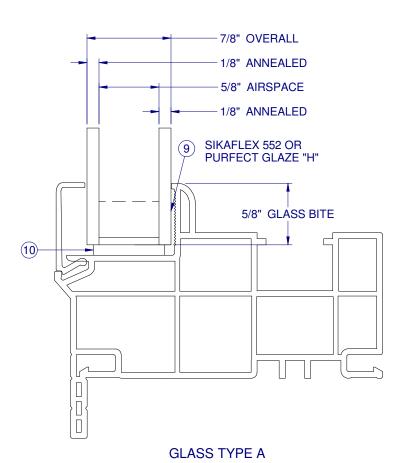


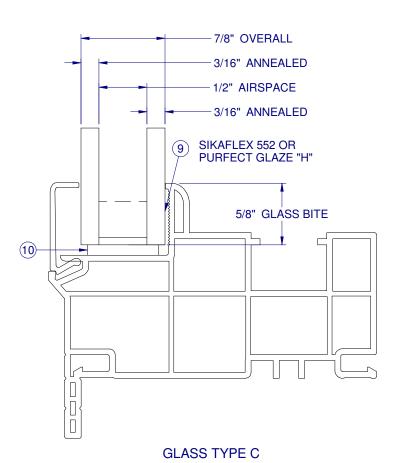
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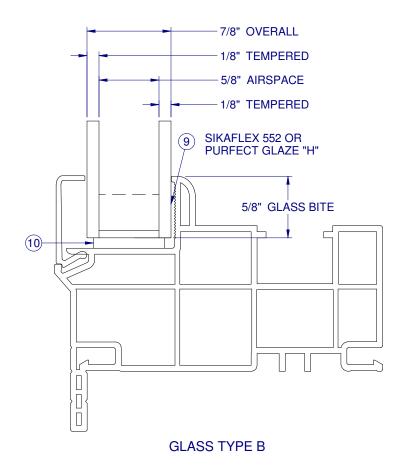
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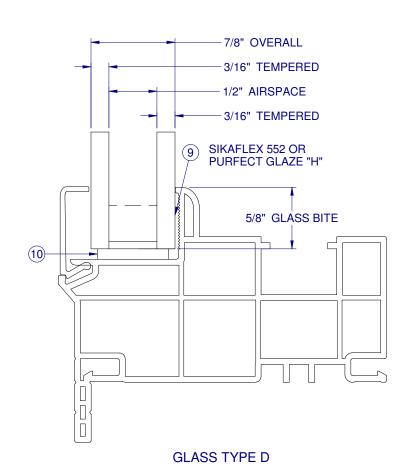
ARCHITECTURAL SHAPES

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ADE	09/05/14
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SCALE:	SHEET
1:1	2 OF 7





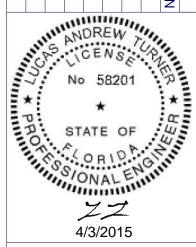






615 PVC PICTURE WINDOW NON-IMPACT

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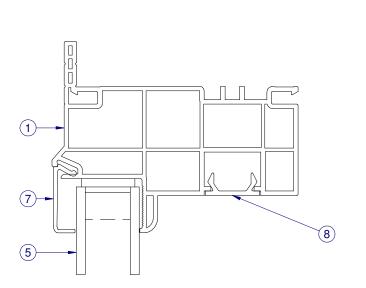


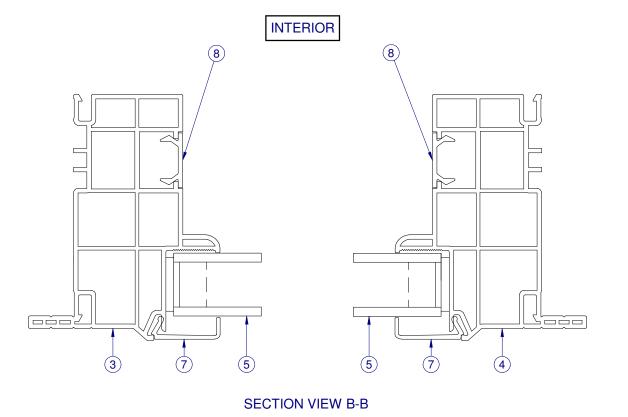
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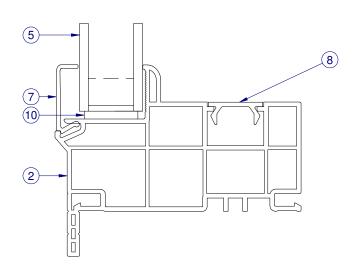
GLAZING DETAILS

DATE:
09/05/14
REV.:
Α
SHEET
3 OF 7

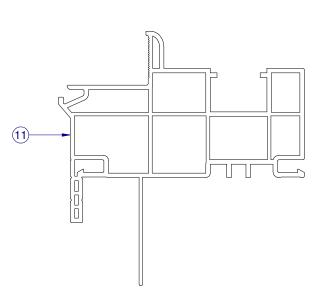




INTERIOR



SECTION VIEW A-A

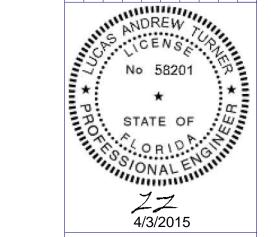


SECTION VIEW C-C ALTERNATE FIN FRAME



615 PVC PICTURE WINDOW NON-IMPACT

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SHEET DESCRIPTION:

SECTION VIEWS

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18	С	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0		75.0	75.
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.
	A	75.0	75.0	75.0	75.0	75.0	75.0	70.6	62.3	55.9	54.8	52.6	50.7				
24	C	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0		75.0	75.
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	/5.0	75.0	75.
	A	75.0	75.0	75.0	75.0	75.0	75.0	69.8	60.3	51.8	75.0	75.0	75.0	75.0	70.0	70.0	- 00
30	С	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0		70.0	68.
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	/5.0	75.0	75.
	A	75.0	75.0	75.0	75.0	75.0	73.3	65.5	58.5	51.8	75.0	74.4	00.0	04.0	57.0	F0.7	- 50
36	С	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	71.1	66.6	64.3		53.7 71.9	50. 66.
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	71.9	66.
4.0	A	75.0	75.0	75.0	75.0	72.4	64.6	56.7	51.9	75.0	70.0	22.7	20.0	20.0	55.0	50.0	
42	С	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	72.3	66.7	62.9	62.9		50.6	
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.4	64.3	59.
40	A	75.0	75.0	75.0	73.3	64.6	56.3	50.1	75.0	70.0	07.0	00.0	F7.0	04.0	55.0	50.0	
48	С	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.8 70.8	67.6	62.0	57.2	61.8		50.6	
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	70.8	67.6	63.3	63.3	63.3	63.3	58.8	53.
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54	С	75.0	75.0	75.0	75.0	75.0	75.0	72.4	72.4	67.8	64.5	58.8	54.0	50.0		50.0	- 50
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	72.4	72.4	67.8	64.5	58.8	54.0	50.0	50.0	50.0	50.
	A	75.0	62.3	60.3	58.5	51.9	75.0	70.4	04.0	00.0	04.5	50.7	F4 7				
60	С	75.0	75.0	75.0	75.0	75.0	75.0	72.4	64.2	63.3	61.5	56.7	51.7				
	B or D	75.0	75.0	75.0	75.0	75.0	75.0	72.4	64.2	64.2	62.6	56.7	51.7				
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66	С	75.0 75.0	75.0 75.0	75.0 75.0	75.0 75.0	75.0 75.0	70.8 70.8	67.8 67.8	63.3 64.2	53.1 53.1	53.1 53.1	53.1 53.1	50.3 50.3				
	B or D			75.0	75.0	75.0	70.6	67.6	04.2	55.1	55.1	55. I	50.5				
	A	75.0	54.8	75.0	75.0	70.0	07.0	04.5	04.5	50.4	50.0	50.0					
68	С	75.0 75.0	75.0 75.0	75.0 75.0	75.0 75.0	72.3 75.0	67.6 67.6	64.5 64.5	61.5 62.6	53.1 53.1	50.0 50.0	50.0 50.0	F0 0				
	B or D			75.0	75.0	75.0	67.6	64.5	02.0	55.1	50.0	50.0	50.0		75.0 75.0 75.0 75.0 75.0 72.3 75.0 57.8 75.0 57.8 75.0 55.6 63.3		
70	A C	75.0	52.6	75.0	71.1	00.7	60.0	F0 0	FC 7	E0 1	F0.0						
72	B or D	75.0 75.0	75.0 75.0	75.0 75.0	71.1 75.0	66.7 75.0	62.0 63.3	58.8 58.8	56.7 56.7	53.1 53.1	50.0 50.0						
		75.0	50.7	73.0	75.0	75.0	03.3	36.6	30.7	55.1	30.0						
76	A C	75.0	75.0	75.0	66.6	62.9	57.2	54.0	51.7	50.3							
76	B or D	75.0	75.0	75.0	66.6 75.0	75.0	63.3	54.0	51.7	50.3	50.0						
	A	75.0	75.0	73.0	73.0	73.0	00.0	34.0	31.7	30.5	30.0						
78	C	75.0	75.0	75.0	64.3	62.9	61.8	50.0									
70	B or D	75.0	75.0	75.0	75.0	75.0	63.3	50.0									
1	A	75.0	, 5.0	, 5.0	, 5.0	, 5.0	55.5	50.0									-
84	C	75.0	75.0	72.3	57.8	55.6	55.6	50.0									-
04	B or D	75.0	75.0 75.0	75.0	75.0	70.4	63.3	50.0									
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90	A C	75.0 75.0	75.0	70.0	53.7	50.6	50.6	50.0									
30	B or D	75.0	75.0	75.0	71.9	64.3	58.8	50.0									
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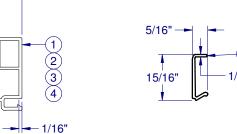
615 PVC PICTURE WINDOW NON-IMPACT

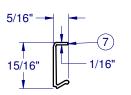
03/24/15 DATE:

EMK BY:

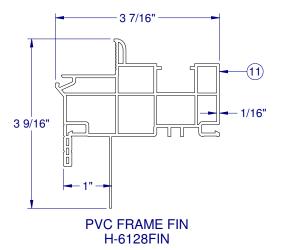
UPDATED PER 2014 FBC E DESCRIPTION:







PVC GLAZING BEAD S-6141

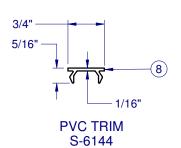


PVC FRAME FLANGE

H-6128FLG

-3 7/16"

2 11/16"



NOREW ANDREW PRO STATE OF HANDERS ON ALEMAN 4/3/2015

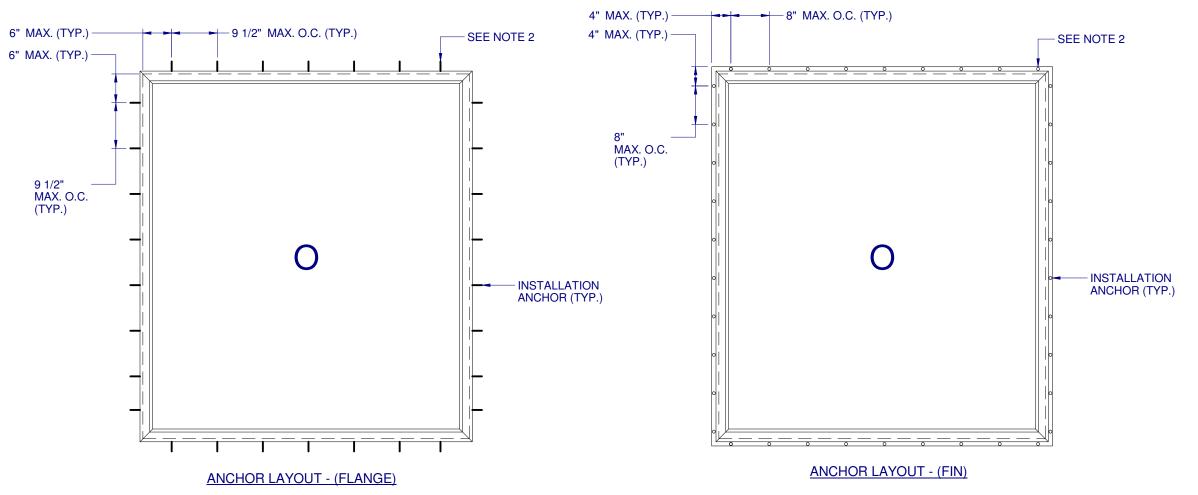
LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

DP CHART, BOM AND **EXTRUSIONS**

DRAWN BY:	DATE:
ADE	09/05/14
DWG #:	REV.:
CWS-944	Α
SCALE:	SHEET
1:2	5 OF 7

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



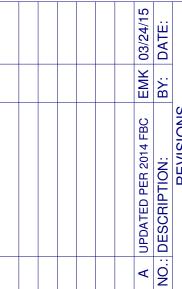
NOTES:

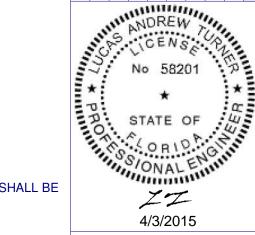
- 1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. ANCHOR SPACING APPLIES TO ALL SHAPES (SEE SHEET 2) ALONG ALL FRAME EDGES. SILL ANCHOR SPACING SAME AS HEAD.
- 2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER 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 7.
- 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 7.
- 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 TABLE1, SHEET 7. 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: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)



WWW.CWS.CC

615 PVC PICTURE WINDOW NON-IMPACT



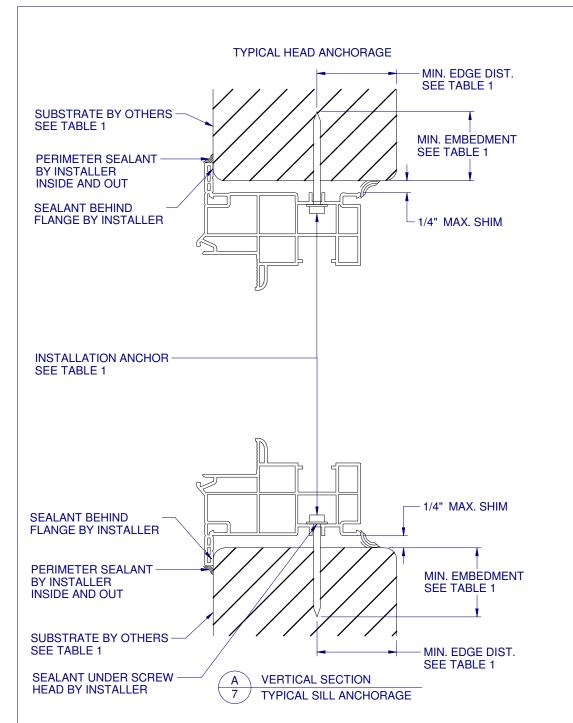


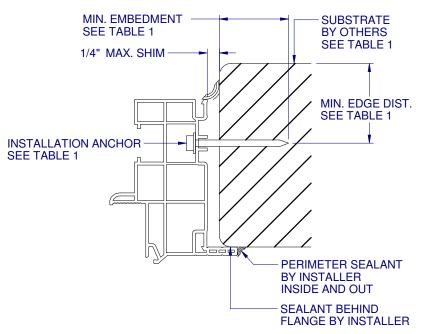
LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

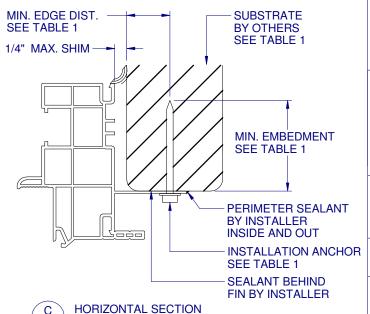
ANCHOR SCHEDULE AND NOTES

DRAWN BY:	DATE:
ADE	09/05/14
DWG #:	REV.:
CWS-944	Α
SCALE:	SHEET
1:20	6 OF 7



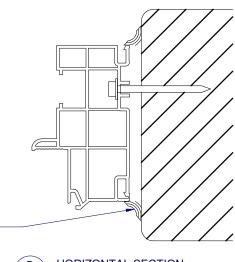


B HORIZONTAL SECTION
7 TYPICAL JAMB ANCHORAGE



HEAD AND SILL SIMILAR FOR FIN INSTALLATION

TYPICAL FIN ANCHORAGE



PERIMETER SEALANT BY INSTALLER INSIDE AND OUT

D HORIZONTAL SECTION

7 BOX FRAME INSTALLATION
HEAD AND SILL SIMILAR FOR BOX INSTALLATION

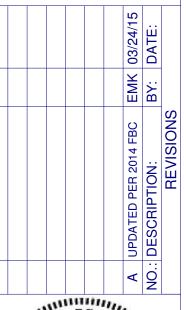
FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE, UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED:

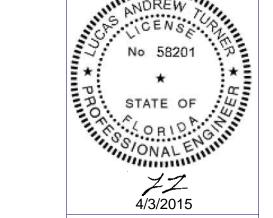
- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

615 PVC PICTURE WINDOW NON-IMPACT





LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

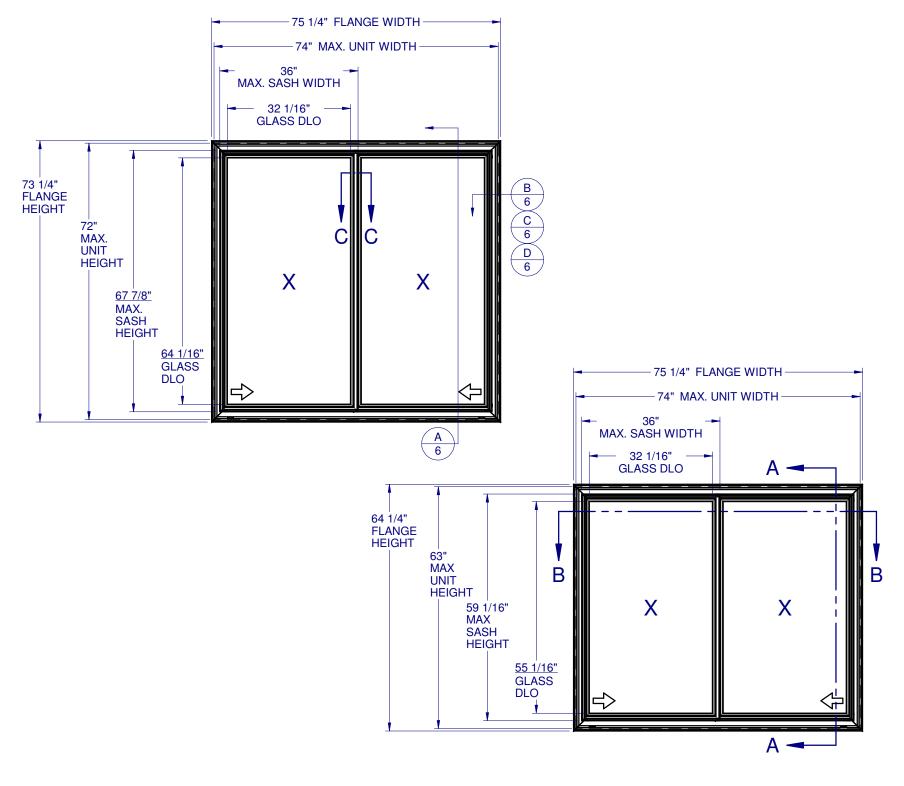
SHEET DESCRIPTION:

INSTALLATION DETAILS

DRAWN BY:	DATE:
ADE	09/05/14
DWG #:	REV.:
CWS-944	Α
SCALE:	SHEET
1:2	7 OF 7



HORIZONTAL SLIDER - NON-IMPACT



GENERAL NOTES:

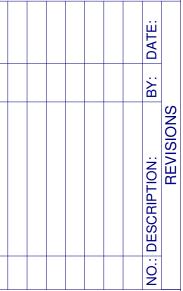
- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION.
- 2. GLAZING OPTIONS: (SEE SHEET 2)
- 3. CONFIGURATIONS: "XX".
- 4. DESIGN PRESSURE RATING (SEE SHEET 2):
 -NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND
 GLASS TABLES ASTM E-1300-04.
 -POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER
 INFILTRATION TEST PRESSURE AND GLASS TABLES
 ASTM E-1300-04.
- 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.

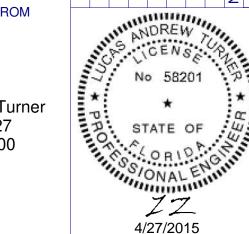
Lucas A. Turner 2015-04-27 21:05-04:00



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

620 PVC HORIZ. SLIDER NON-IMPACT





LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

GENERAL NOTES AND ELEVATIONS

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

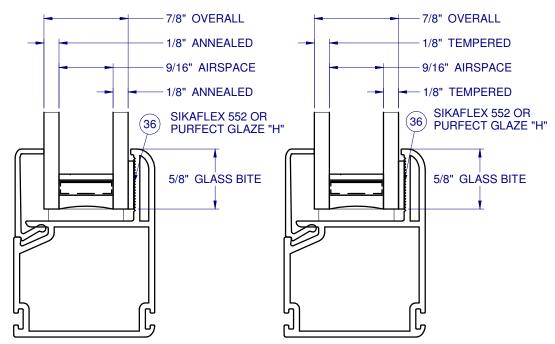
MAX. UNIT SIZE	2011 MTG. RAIL REINF.	DESIGN PRESSURE RATING	IMPACT RATING
74" x 63"	NO	SEE COMPARATIVE ANALYSIS	NONE
74" x 72"	YES	CHARTS, SHEET 2	INOINE

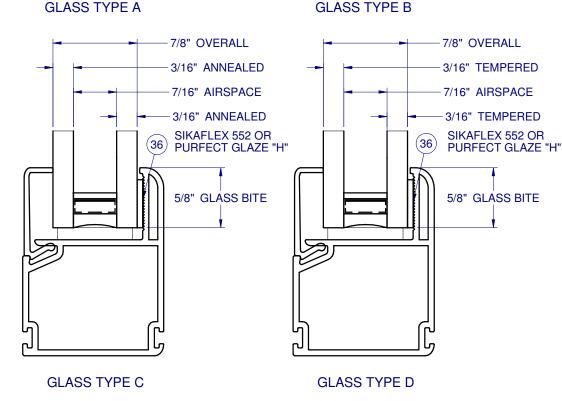
	FLANGE WINDOW DESIGN PRESSURES FOR EQUAL SPLIT "X/X" WITH GLASS TYPES A, B, C, OR D											
Unit		Unit Height										
Width	35 1/2 39 1/2 43 1/2 47 1/2 51 1/2 55 1/2 59 1/2 63											
39 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75				
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -72.6				
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -70.2	+50 / -66.5				
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -74	+50 / -67.5	+50 / -62.1				
55 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -71.3	+50 / -65	+50 / -60.4				
59 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -68.1	+50 / -62	+50 / -57.5				
63 1/2	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -67.9	+50 / -65.4	+50 / -59.4	+50 / -55				
67 1/2	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -60.1	+50 / -57.2	+50 / -52.9				
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 / -51				
74	+50 / -50.1	+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 / -70.6				
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -70.1	+50 / -65.4				
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -71.5	+50 / -65.5	+50 / -61				
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -74.5	+50 / -67.5	+50 / -61.7	+50 / -57.4				
55 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -71	+50 / -64.1	+50 / -58.5	+50 / -54.4				
59 1/2	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -69.6	+50 / -68	+50 / -61.3	+50 / -55.8	+50 / -51.8				
63 1/2	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -61.1	+50 / -58.9	+50 / -53.5	+49.5 / -49.5				
67 1/2	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -54.1	+50 / -51.5	+47.6 / -47.6				
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	+45.9 / -45.9				
74	+45.1 / -45.1	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45				

FLAN	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 / -72.6			
43 1/2	+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 / -72.7	+50 / -67.4	+50 / -62.4			
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -74.2	+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 / -70.4	+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 / -67.1	+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 / -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 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45	+45 / -45			

Unit					Unit I	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 / -74.8	+50 / -69.6	+50 / -64
43 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -74.9	+50 / -69.2	+50 / -64.3	+50 / -59
47 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -70.0	+50 / -64.6	+50 / -59.9	+50 / -55
51 1/2	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -75	+50 / -72.1	+50 / -66.0	+50 / -60.7	+50 / -56.3	+50 / -52
55 1/2	+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
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
63 1/2	+50 / -54.3	+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
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	+48.1 / -48.1	+46.3 / -46.3	+42.6 / -42
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	+42.8 / -42.8	+42.8 / -42.8	+40.9 / -40
74	+40.1 / -40.1	+40 / -40	+40 / -40	+40 / -40	+40 / -40	+40 / -40	+40 / -40	+40 / -40	+40 / -40	+40 / -40







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

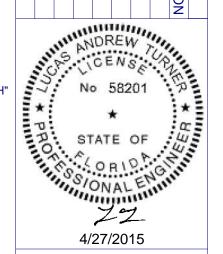
NOTE:



WWW.CWS.CC

620 PVC HORIZ. SLIDER NON-IMPACT

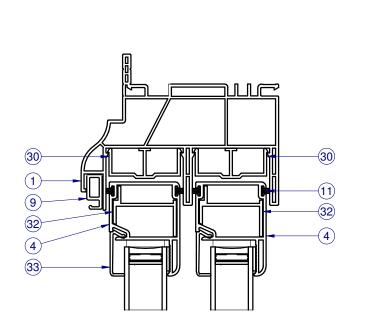
				DATE:	
				BY:	
				NO.: DESCRIPTION:	REVISIONS

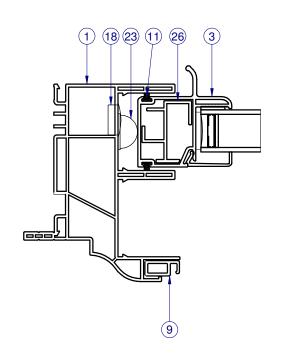


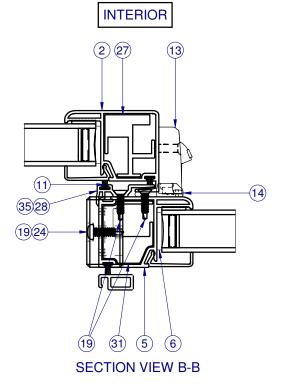
LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

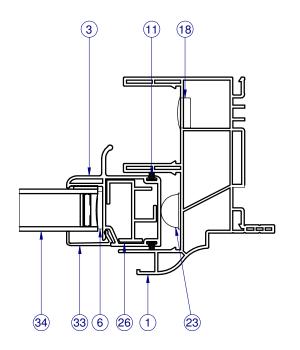
SHEET DESCRIPTION: **DESIGN PRESSURE CHARTS AND GLAZING**

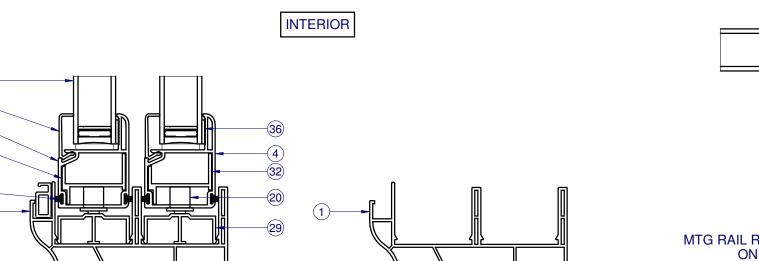
DETAILS DRAWN BY: DATE: **EMK** 04/22/15 DWG #: REV.: CWS-1059 SCALE: SHEET 1:1 2 OF 6





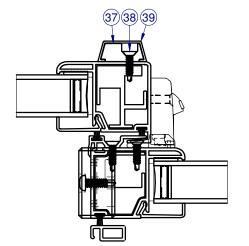








ALTERNATE FIN FRAME

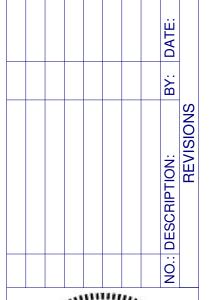


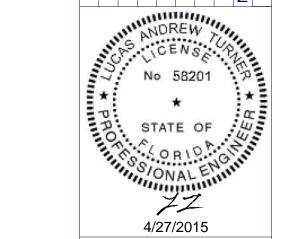
SECTION VIEW C-C MTG RAIL REINFORCEMENT (2011) REQUIRED ON UNIT HEIGHTS ABOVE 63"



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

620 PVC HORIZ. SLIDER NON-IMPACT





LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

SECTION VIEWS

DRAWN BY:	DATE:
EMK	04/22/15
DWG #:	REV.:
CWS-1059	-
SCALE:	SHEET
1:2	3 OF 6

ITEMS NOT SHOWN FOR CLARITY:

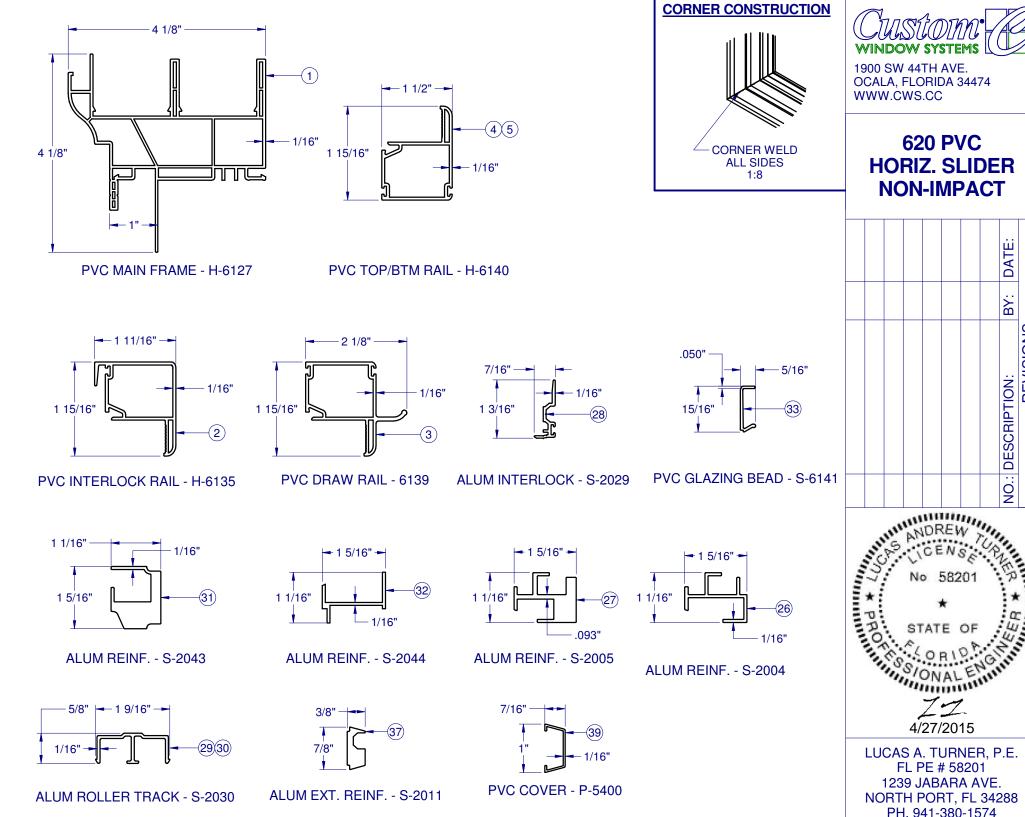
SECTION VIEW A-A

7-8, 10, 12, 15-16 & 21

33 4 (32)

		PARTS LIST		
ITEM	PART	DESCRIPTION	MATERIAL	VENDOR
1	H-6127	MAIN FRAME	PVC	ATN
2	H-6135	SASH INTERLOCK RAIL, INT. PANEL	PVC	ATN
3	H-6139	SASH DRAW RAIL	PVC	ATN
4	H-6140	SASH TOP/BTM RAIL	PVC	ATN
5	H-6140	SASH INTERLOCK RAIL, EXT. PANEL	PVC	ATN
6	P-3028	SETTING BLOCK, 1/8" x 7/8" x 2"		FRANK LOWE
7	P-3029	SCREEN LIFT TABS	STEEL	SUMMIT
8	P-3033	SCREEN SPRINGS	STEEL	FLA SCREEN
9	P-3218	SCREEN FRAME	ALUM	FLA SCREEN
10	P-3228	SCREEN SPLINE		DAPA
11	P-3305	WTSP., 0.187" x 0.270" SOFT FIN		AMESBURY
12	P-3511	#8-18 x 0.625" PN PH TEK #2 POINT ZP	STEEL	FASTENAL
13	P-3783	IMPACT SASH LOCK		INTERLOCK
14	P-3784	KEEPER		INTERLOCK
15	P-4146	#8-18 x 0.750" FH PH #2 POINT TEK ZP	STEEL	FASTENAL
16	P-4754	SCREEN CORNER KEY	NYLON	FLA SCREEN
17	P-5420	WEEP COVER ASSY	NYLON	ASHLAND
18	P-5421	0.625" HOLE PLUG	NYLON	HEYCO
19	P-5423	#8-18 x 0.500" PN PH TEK #2 POINT ZP	STEEL	FASTENAL
20	P-5428	ROLLER ASSY		AMESBURY
23	P-5436	JAMB BUMPER	RUBBER	MINOR RUBBER
24		L BLOCK	NYLON	
26		REINF., SIDE RAIL	ALUM	ASCEND
27	S-2005	REINF., MEETING RAIL, INT. PANEL	ALUM	ASCEND
28	S-2029	INTERLOCK ADAPTOR	ALUM	ASCEND
29	S-2030	ROLLER TRACK	ALUM	ASCEND
30	S-2030	ANTI-LIFT FILLER	ALUM	ASCEND
31		REINF., MEETING RAIL, EXT. PANEL	ALUM	KEYMARK
32		REINF., TOP/BOTTOM RAIL	ALUM	ASCEND
33		0.875" GLAZING BEAD	PVC	ATN
34	GLASS	SEE SHEET 2		
35		DOW CORNING 1199	SILICONE	
36		PURFECT GLAZE "H", SIKAFLEX 552	SILICONE	HENKEL / SIKA
37	S-2011	REINF., EXTERNAL	ALUM	ASCEND
38		#8 x 5/8" PH FLAT WHITE SMS	STEEL	FASTENAL
39	P-5400	COVER, EXT. REINF.	PVC	TEAM PLASTICS

LINE ITEMS NOT USED: 21-22, 25



1900 SW 44TH AVE. OCALA, FLORIDA 34474

620 PVC

HORIZ. SLIDER NON-IMPACT

NOREW TON

4/27/2015 LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE.

NORTH PORT, FL 34288 PH. 941-380-1574

DATE:

REV.:

04/22/15

SHEET

4 OF 6

SHEET DESCRIPTION:

DRAWN BY:

DWG #:

SCALE:

EMK

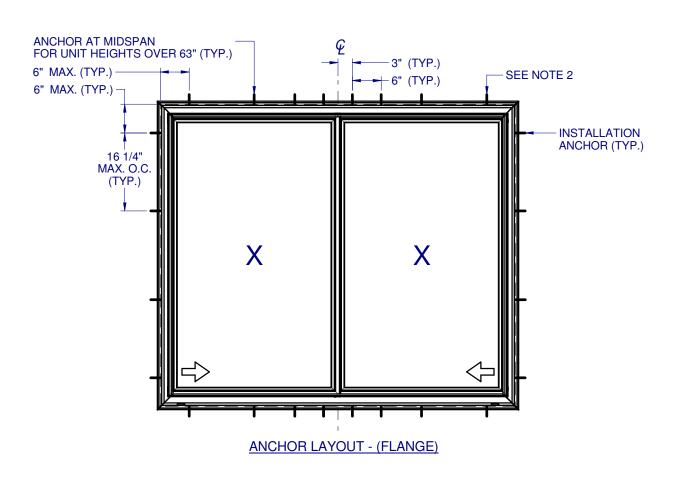
CWS-1059

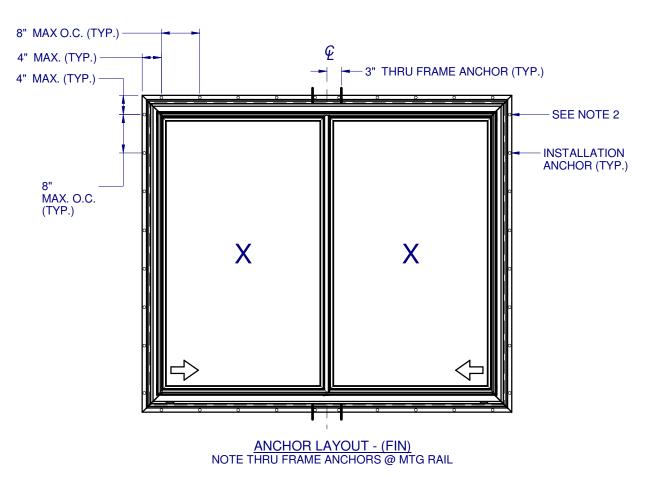
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DESCRIPTION:
REVISIONS

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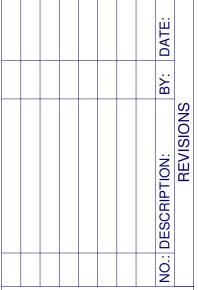
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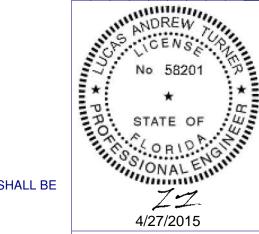
- 1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION. SILL ANCHOR SPACING SAME AS HEAD.
- 2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY 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 TABLE1, 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: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

620 PVC HORIZ. SLIDER NON-IMPACT



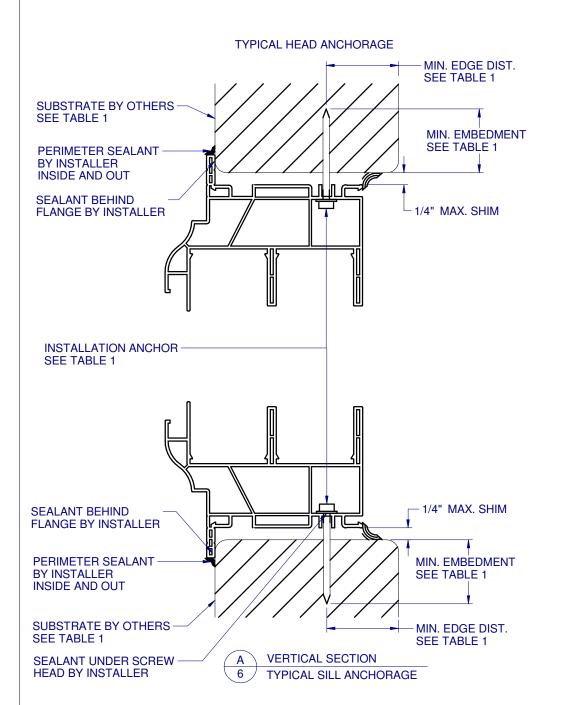


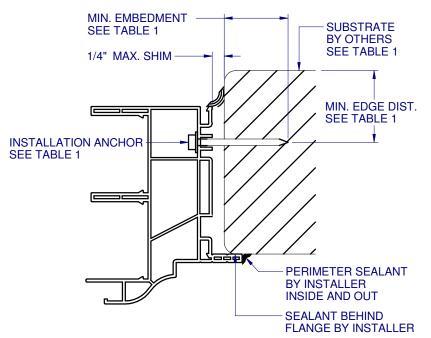
LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574

SHEET DESCRIPTION:

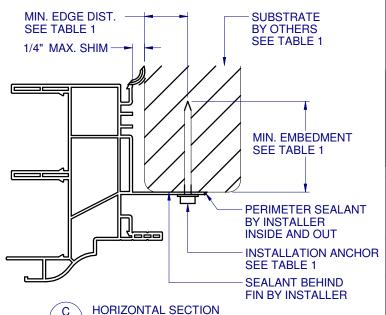
ANCHOR SCHEDULE AND NOTES

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





HORIZONTAL SECTION TYPICAL JAMB ANCHORAGE



HEAD AND SILL SIMILAR FOR FIN INSTALLATION NOTE: ADDITIONAL THRU-FRAME ANCHORS (AS SHOWN IN DET. A/6) REQ'D AT MTG RAIL,

TYPICAL FIN ANCHORAGE

SEE SHEET 5 ANCHOR LAYOUT.

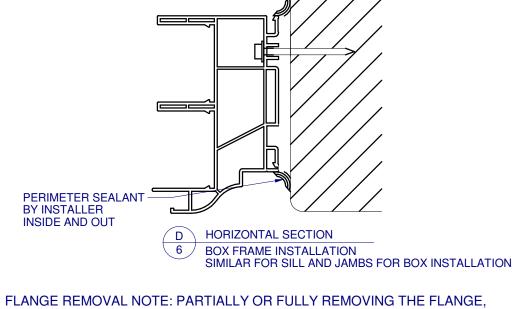


TABLE 1: APPROVED INSTALLATION FASTENERS FRAME TYPE SUBSTRATE TYPE MIN. EMBEDMENT MIN. EDGE DIST **ANCHOR TYPE** FLANGE CONCRETE (2.0 KSI MIN.) 3/16" ITW TAPCON 1-1/8" **FLANGE** HOLLOW OR GROUT-FILLED CMU (117 PCF MIN.) 3/16" ITW TAPCON 2" CONCRETE (2.85 KSI MIN.) **FLANGE** 3/16" ELCO ULTRACON 1" 1"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

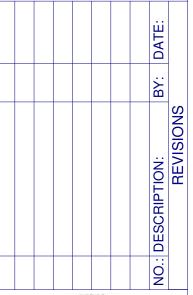
FLANGE REMOVAL NOTE: PARTIALLY OR FULLY REMOVING THE FLANGE. UP TO AND INCLUDING A BOX-FRAME APPLICATION IS ACCEPTABLE PROVIDED

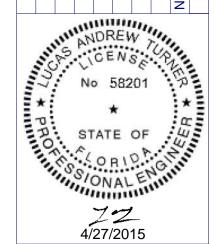
- MIN. 1/4" FILLET OF CONSTRUCTION-GRADE ADHESIVE CAULK IS APPLIED INSIDE AND OUT, FULL PERIMETER, BY INSTALLER.
- PRODUCT ANCHORAGE IS IN ACCORDANCE WITH REQUIREMENTS AS SHOWN FOR FLANGE WINDOWS.



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SHEET DESCRIPTION:

INSTALLATION DETAILS

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

Business & Professional Regulation





Product Approval USER: Public User

Product Approval Menu > Product or Application Search > Application List > Application Detail

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Equivalence of Product Standards Certified By	Referenced Standard and Year (of Standard)	Certification Agency Validated By	Compliance Method	Category Subcategory	Quality Assurance Representative Address/Phone/Email	Technical Representative Address/Phone/Email	Authorized Signature	Product Manufacturer Address/ Phone/ Email	Comments Archived	FL# Application Type Code Version Application Status
	Standard AAMA 1304 ASTM E283 ASTM E330 TAS 202	National Accreditation & Management Institute National Accreditation & Management Institute	Certification Mark or Listing	Exterior Doors Swinging Exterior Door Assemblies		JELD-WEN Corporate Customer Service 3737 Lakeport Blvd. Klamath Falls, OR 97601 (800) 535-3936 customerserviceagents@jeld-wen.com	Rylee Sumner Fricks fbc1@jeld-wen.com	JELD-WEN 3737 Lakeport Blvd Klamath Falls, OR 97601 (800) 535-3936 fbc1@jeld-wen.com		Editorial Change 2017 Approved * Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.
	Year 2002 2004 2002 1994									reviewed and ratified by

≤

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

02/07/2018

02/01/2018 02/02/2018

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Impact Resistant: No Design Pressure: +50/-50 Other:	13541.4	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:	13541.3	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:	13541.2	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:	13541.1	FL#	Summary of Products
HZ: No de HVHZ: Yes 50	D. Design Pro / Smooth Pro Fiberglass	HZ: No de HVHZ: Yes 50	C. Design Pro / Smooth Pro / Studio Fiberglass	HZ: No de HVHZ: Yes 50	B. Design Pro / Smooth Pro Fiberglass	HZ: No de HVHZ: Yes 50	A. Design Pro / Smooth Pro / Studio Fiberglass	Model, Number or Name	
Certification Agency Certificate EL13541_R14_C_CAC_NI011908.01-R7.pdf EL13541_R14_C_CAC_NI011908-R7.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions EL13541_R14_IL_A010834A_SS_2014-09-26.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports EL13541_R14_AE_PER2745_SS_2014-09-26.pdf Created by Independent Third Party: Yes	Double (XX) Glazed Fiberglass Door, 6'-0" x 6'-8" and 6'-0" x 8'-0", Inswing and Outswing	Certification Agency Certificate FL13541_R14_C_CAC_NI011907.01-R6.pdf FL13541_R14_C_CAC_NI011907-R6.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541_R14_II_A010833A_SS_2014-09-26.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports Evaluation Reports Created by Independent Third Party: Yes Created by Independent Third Party: Yes	Double (XX) Opaque Fiberglass Door, 6'-0" x 6'-8" and 6'-0" x 8'-0", Inswing and Outswing	Certification Agency Certificate EL13541 R14 C CAC NI011921.01-R6.pdf FL13541 R14 C CAC NI011921-R7.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541 R14 II A010832A SS 2014-09-26.pdf Verified By: Hermes F. Norero, P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541 R14 AE PER2743 SS 2014-09-26.pdf Created by Independent Third Party: Yes	Single (X) Glazed Fiberglass Door, 3'-0" x 6'-8" and 3'-0" x 8'-0", Inswing and Outswing	Certification Agency Certificate FL13541_R14_C_CAC_NI011906.01-R7.pdf FL13541_R14_C_CAC_NI011906-R6.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541_R14_II_A010831A_SS_2014-09-26.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541_R14_AE_PER2742_SS_2014-09-26.pdf Created by Independent Third Party: Yes	Single (X) Opaque Fiberglass Door, 3'-0" x 6'-8" and 3'-0" x 8'-0", Inswing and Outswing	Description	

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13541 7	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other:	13541.6	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other:	13541.5	
	/HZ: No de HVHZ: Yes	F. Design Pro / Smooth Pro Fiberglass	/HZ: No Ide HVHZ: Yes	E. Design Pro / Smooth Pro / Studio Fiberglass	
Double with side lite(s) (XX O/ O XX/ O XX O) Opening	Certification Agency Certificate EL13541_R14_C_CAC_NI011923.01-R7.pdf EL13541_R14_C_CAC_NI011923-R7.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541_R14_II_13541.6.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541_R14_AE_PER2747_SS_2014-09-26.pdf Created by Independent Third Party: Yes	Single with side lite(s) (X,O/ O,X/ O,X,O) Glazed Fiberglass Door, 9'-0" \times 6'-8" and 9'-0" \times 8'-0", Inswing and Outswing	Certification Agency Certificate EL13541_R14_C_CAC_NI011910.01-R7.pdf EL13541_R14_C_CAC_NI011910-R7.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions EL13541_R14_II_A010835A SS_2014-09-26.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports EVALUATION FEREZ746 SS_2014-09-26.pdf Created by Independent Third Party: Yes	Single with side lite(s) (X,O/ O,X/ O,X,O) Opaque Fiberglass Door, 9'-0" \times 6'-8" and 9'-0" \times 8'-0", Inswing and Outswing	F

13541.7	G. Design Pro / Smooth Pro / Studio Fiberglass
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes	VHZ: No side HVHZ: Yes
Impact Resistant: No Design Pressure: N/A	
Other:	

13541.8	H. Design Pro / Smooth Pro Fiberglass	Double with side lite(s) (XX,O/ O,XX/ O,XX,O) Glazed Fiberglass Door, 12'-0" x 6'-8" and 12'-0" x 8'-0", Inswing and Outswing
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes	VHZ: No ide HVHZ: Yes	Certification Agency Certificate EL13541 R14 C CAC NI011912.01-R7.pdf EL13541 R14 C CAC NI011912-R7.pdf
Impact Resistant: No		Quality Assurance Contract Expiration Date
Design Pressure: N/A		03/30/2026
Other:		Installation Instructions
		<u>FL13541_R14_IL_A010838A SS 2014-09-26.pdf</u> Verified By: Hermes F. Norero, P.E. 73778
		Created by Independent Third Party: Yes
		Evaluation Reports FL13541 B14 AE PER2749 SS 2014-09-26.pdf
		Created by Independent Third Party: Yes

Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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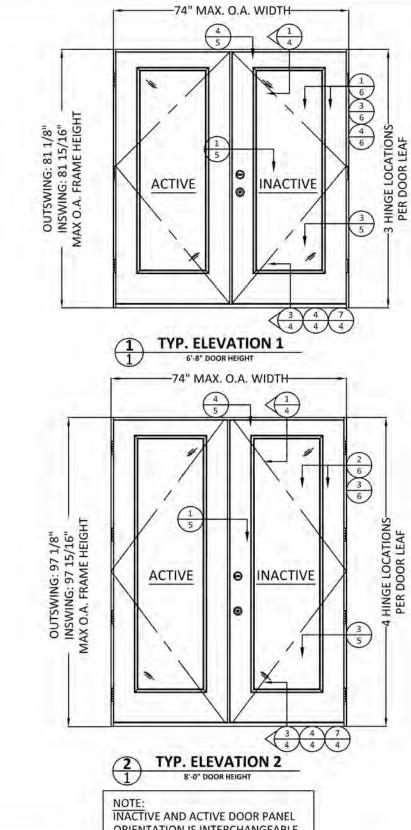
DESIGN PRO / SMOOTH PRO FULL LITE NON-IMPACT

FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

GENERAL NOTES:

- 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
 - TAS 202-94
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
- 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.
- 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	В	TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES
2	Α	TYPICAL ANCHOR LAYOUTS AND NOTES
3	А	OPTIONAL 2X BUCK ANCHORING DETAILS
4	A	VERTICAL ASSEMBLIES
5	Α	HORIZONTAL ASSEMBLIES
6	Α	GLAZING DETAILS
7	Α	WOOD SUBSTRATES
8	Α	CONCRETE SUBSTRATES
9	A	COMPONENTS & BILL OF MATERIALS



ORIENTATION IS INTERCHANGEABLE.

	- Co.C. 200511.C.	VERALL IAL SIZE	DES	MISSILE			
CONFIGURATION	MOTH	HEIGHT	INSWING OUTSWING	IMPACT RATING			
	WIDTH	HEIGHT	POS.	NEG.	POS.	NEG.	i ika i ii i
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



398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478

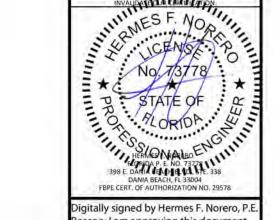
FAX: (954)744.4738 WEB: www.buildingdrops.com

TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES

DESIGN PRO/SMOOTH PRO FULL LITE

REMARKS BY DATE GL 06/12/1 Add Multi-Point Lock Add TAS 202-94 Standard SM 09/22/3

AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF BUILDING DROPS, IN



Digitally signed by Hermes F. Norero, P.B. Reason: I am approving this document Date: 2014.09.26 14:55:17 -04'00'

DATE: 02.05.14 SS/MSS SCALE: NTS

DWG. #: A010834A

SHEET:

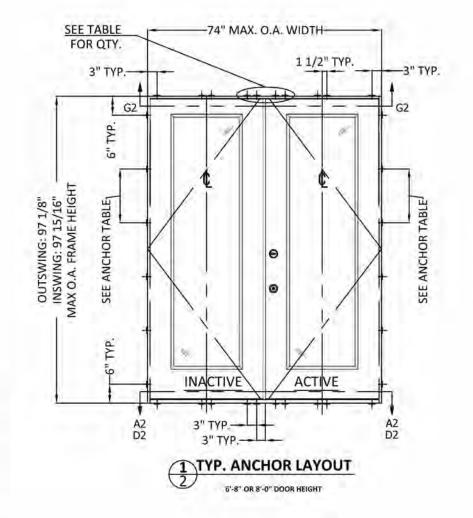
INSTALLATION NOTES:

- 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.
- 6. 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:**
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.

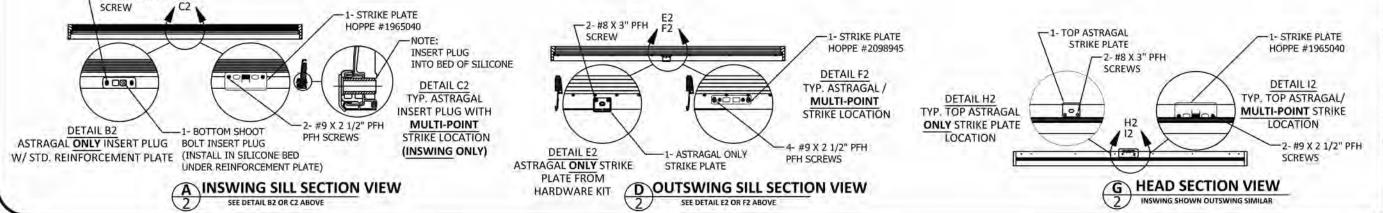
2-#12 X 3" PFH

- B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
- C. 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
- D. 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.

			AN	CHOR TABLE				
					6'8" [DOORS	8'0"	DOORS
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. O.C. SPACING AT JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	MAX. O.C. SPACING AT 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



INACTIVE AND ACTIVE DOOR PANEL ORIENTATION IS INTERCHANGEABLE.



PREPARED BY:

BUILDING DROPS, INC.

DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

398 E. DANIA BEACH BLVD., STE. 338

LAYOUTS AND NOTES JELD WEN

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT ANCHOR

REMARKS BY DATE GL 06/12/1 Add Multi-Point Lock

AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF BUILDING DROPS, INC ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER



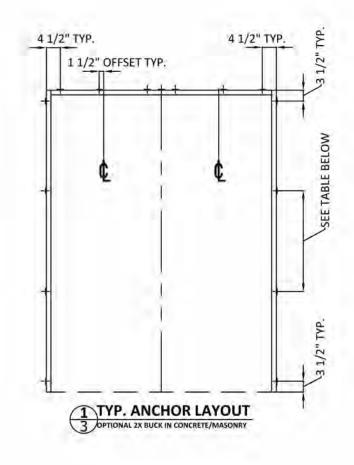
02.05.14 DATE: SS/MSS GL/TJM

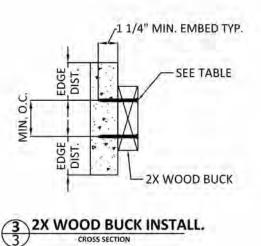
SCALE: NTS

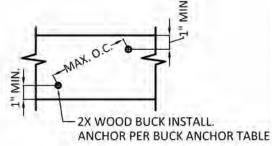
SHEET:

DWG. #: A010834A

OF9









			2X BUCK AND	:HOR TABLE					
Astrono Trimula	ANCHOR		MIN.	MIN. EDGE			8'0" DOORS		
ANCHOR TYPE	SIZE	SUBSTRATE	EMBEDMENT	DIST. TO SUBSTRATE	TO CENTER DISTANCE	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 ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	4"	25"	30-1/4"		

NOTES:

- 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.

PREPARED BY:



BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004

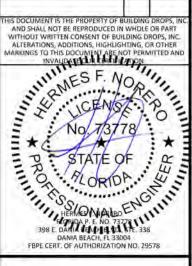
PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

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

JELD WEN

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

BY DATE REMARKS GL 06/12/1 Add Multi-Point Lock



02.05.14 DATE:

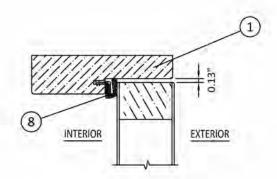
SS/MSS

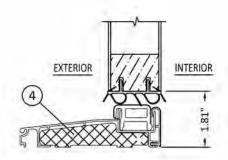
NTS SCALE:

DWG. #: A010834A

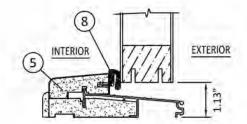
SHEET:

OF9

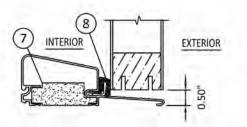




OPERABLE HEAD OUTSWING SHOWN - INSWING SIMILAR **OPERABLE SILL** INSWING **ENDURA ZAIL4565F**









PREPARED BY:



BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338

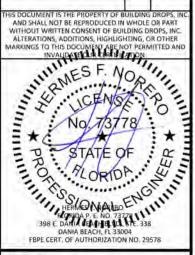
DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

VERTICAL ASSEMBLIES

JELD WEN

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

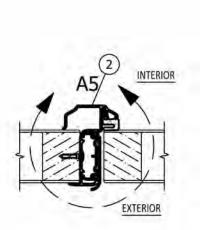
BY DATE REMARKS GL 06/12/1 Add Multi-Point Lock

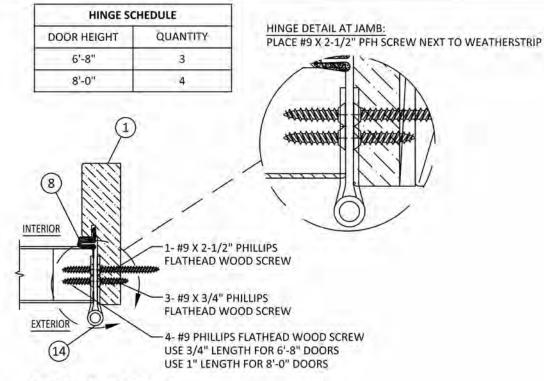


02.05.14 DATE: SS/MSS

NTS SCALE:

DWG. #: A010834A SHEET:





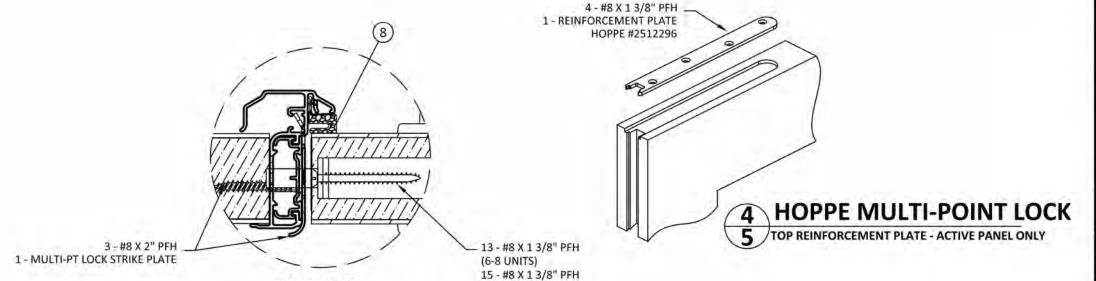




DETAIL A5

HOPPE MULTI-PT LOCK

FASTENING



COMES WITH HARDWARE

(8-0 UNITS)



BUILDING DROPS, INC.

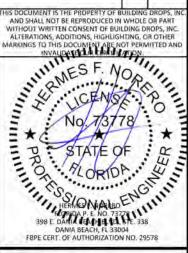
398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

HORIZONTAL ASSEMBLIES

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

JELD WEN

REMARKS BY DATE GL 06/12/14 Add Multi-Point Lock



DATE: 02.05.14

SS/MSS GL/TJM

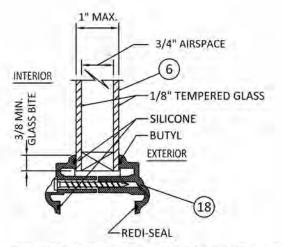
NTS SCALE:

DWG. #: A010834A

SHEET:

OF9

5



1" MAX.

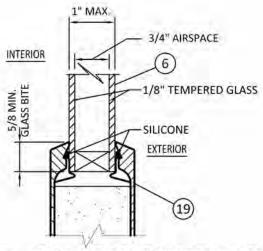
3/4" AIRSPACE

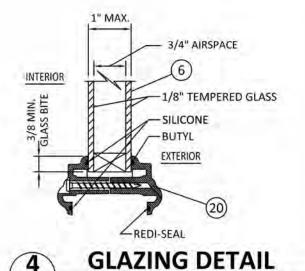
6

1/8" TEMPERED GLASS
SILICONE
BUTYL
EXTERIOR

18

REDI-SEAL





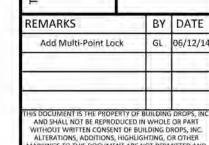
3 FLUSH GLAZE DETAIL

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

1 6'-8" GLAZING DETAIL

20 1/2" MAX. D.L.O. WIDTH 62 1/2" MAX. D.L.O. HEIGHT 8'-0" GLAZING DETAIL
20 1/2" MAX. D.L.O. WIDTH
78 1/2" MAX. D.L.O. HEIGHT

6 23 7/8" MAX. D.L.O. WIDTH 78 7/8" MAX. D.L.O. HEIGHT



PREPARED BY:

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

GLAZING DETAILS

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004

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FAX: (954)744.4738

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FORDA P. E. NO. 73778

398 E. DAMIA BEACH, FL 33004

FBPE CERT, OF AUTHORIZATION NO. 29578

DATE: 02.05.14

DWG. BY: CHK. BY: SS/MSS

SCALE: NTS

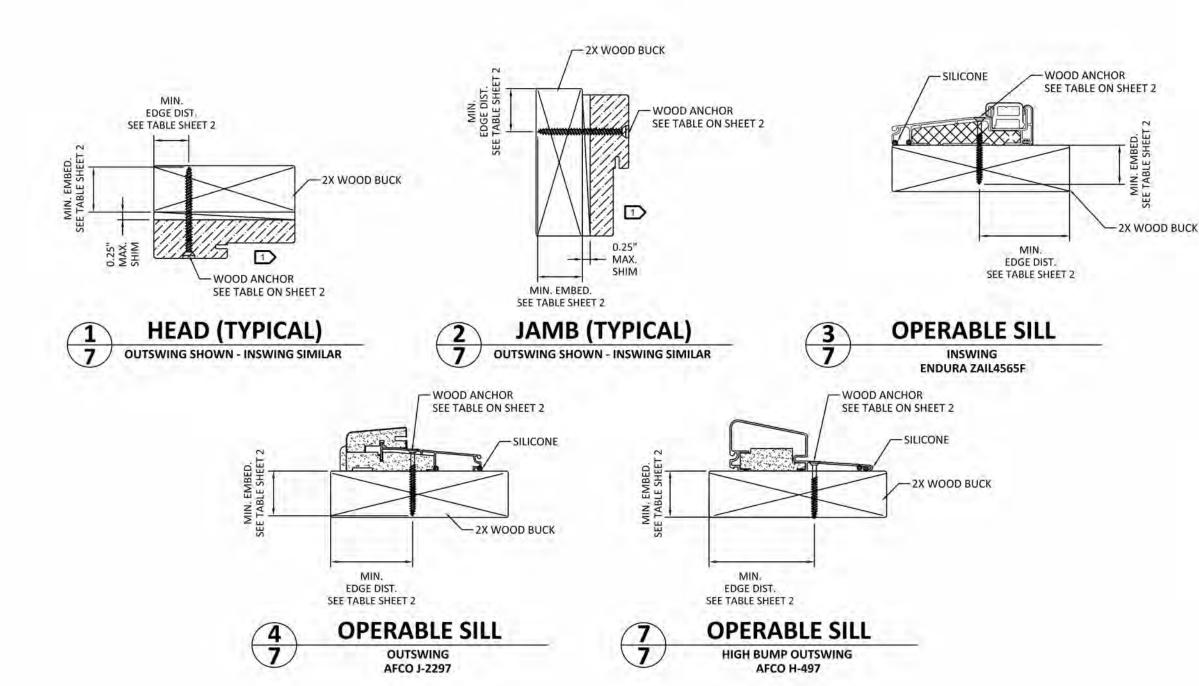
DWG. #: A010834A

SHEET:

6

OTF.

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.



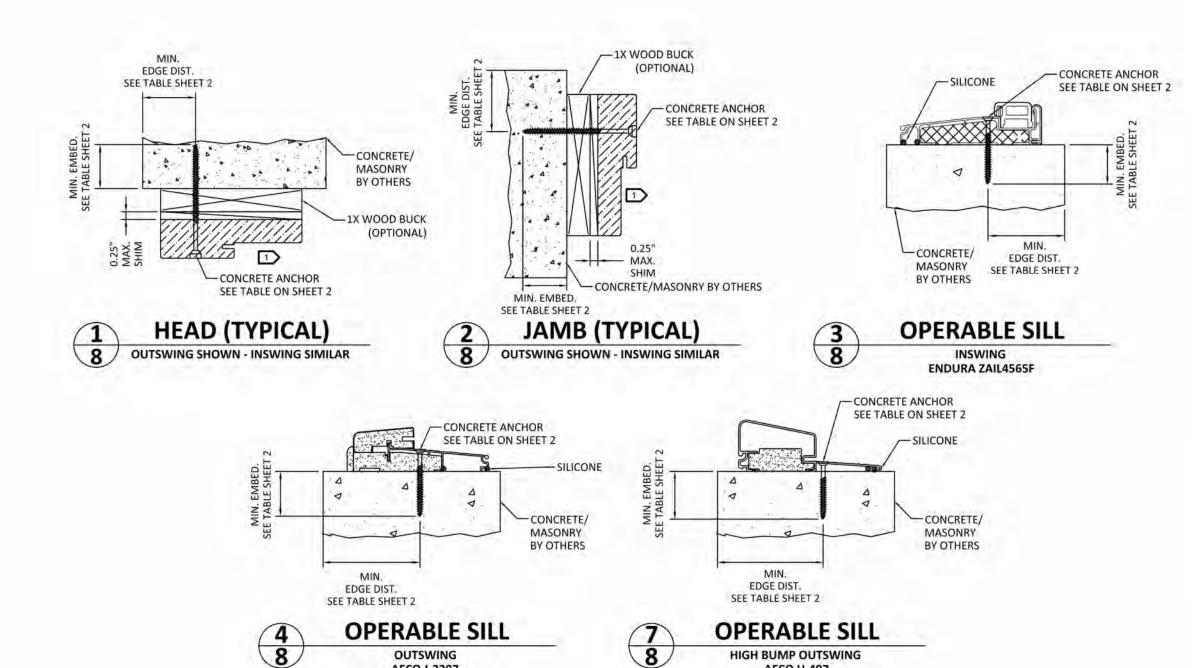
PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT WOOD INSTALLATION REMARKS Add Multi-Point Lock IS DOCUMENT IS THE PROPERTY OF BUILDING DROPS, AND SHALL NOT BE REPRODUCED IN WHOLE OR PART AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF BUILDING DROPS, INC. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ABE NOT PERMITTED AND INVALIDATED ALTERATIVE TO THE CONTROL OF TH 02.05.14 SS/MSS NTS SCALE: DWG. #: A010834A SHEET:

JELD WEN

BY DATE

GL 06/12/14

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



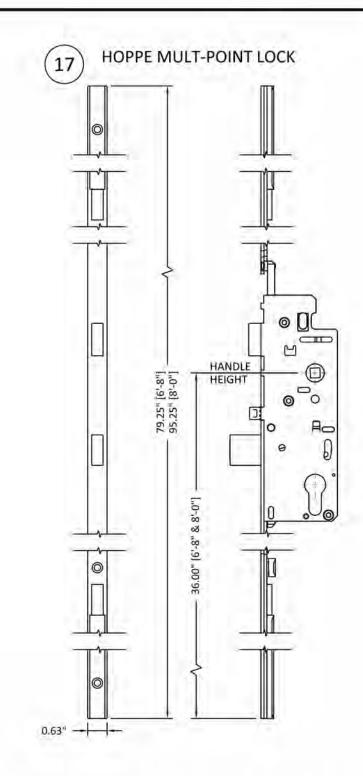
HIGH BUMP OUTSWING AFCO H-497

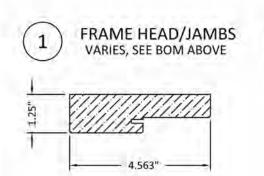
OUTSWING AFCO J-2297

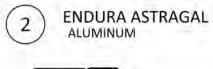
PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT CONCRETE INSTALLATION JELD WEN BY DATE REMARKS GL 06/12/1 Add Multi-Point Lock AND SHALL NOT BE REPRODUCED IN WHOLE OR PART
WITHOUT WRITTEN CONSENT OF BUILDING DROPS, INC.
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MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND
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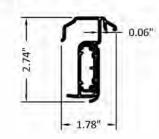
8

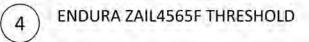
ITEM#	DESCRIPTION	MATERIAL
I I EIVIH	DESCRIPTION	
		FINGER-JOINTED PINE
	EDAME HEAD/JAMADS	SOLID PINE
1	FRAME HEAD/JAMBS	LAMINATED VENEER LUMBER
		COMPOSITE
2	ASTRAGAL, ENDURA ULTIMATE HURRICANE (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	6063-T6 ALUMINUM
3	(NOT USED)	1-1
4	ENDURA ZAIL4565F THRESHOLD	-9
5	AFCO J-2297 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	KWIKSET LOCK SERIES 400	STEEL
16	KWIKSET DEADBOLT SERIES 780	STEEL
17	HOPPE MULI-POINT HARDWARE HLS9000 (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	STEEL
18	ODL LIPLITE KIT (NI)	PLASTIC
19	FLUSH GLAZING LEG	FIBERGLASS
20	ODL LIPLITE KIT (RADIUS LITES)	PLASTIC

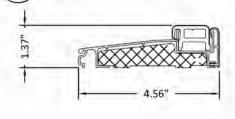




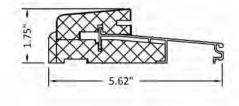




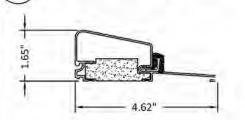




AFCO J-2297 THRESHOLD 5



AFCO H-497 THRESHOLD





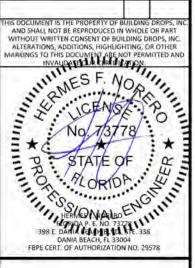
BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

COMPONENTS AND BILL OF MATERIALS

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

REMARKS BY DATE GL 06/12/1 Add Multi-Point Lock



DATE: 02.05.14

GL/TJM SS/MSS

NTS SCALE:

DWG. #: A010834A SHEET:

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9

Business & Professional Regulation

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Product Approval

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Product Approval Menu > Product or Application Search > **Application List**

Search Criteria				Refine Search
Code Version		2017	FL#	13541.4
Application Type		ALL	Product Manufacturer	ALL
Category		ALL	Subcategory	ALL
Application Status		ALL	Compliance Method	ALL
Quality Assurance Entity	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	- Applications		
FL# Type	Manufacturer Manufacturer	Validated By	Status
EL13541- Editorial R15 Change History	EL13541- Editorial JELD-WEN R15 Change FL#: FL13541.4 History 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.

Contact Us:: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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Product Approval Accepts:









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Product Approval USER: Public User

Product Approval Menu > Product or Application Search > Application List > Application Detail

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Equivalence of Product Standards	Referenced Standard and Year (of Standard)	Certification Agency Validated By	Compliance Method	Category Subcategory	Quality Assurance Representative Address/Phone/Email	Technical Representative Address/ Phone/ Email	Authorized Signature	Product Manufacturer Address/ Phone/ Email	Comments Archived	FL # Application Type Code Version Application Status
	Standard AAMA 1304 ASTM E283 ASTM E330 TAS 202	National Accreditation & Management Institute National Accreditation & Management Institute	Certification Mark or Listing	Exterior Doors Swinging Exterior Door Assemblies		JELD-WEN Corporate Customer Service 3737 Lakeport Blvd. Klamath Falls, OR 97601 (800) 535-3936 customerserviceagents@jeld-wen.com	Rylee Sumner Fricks fbc1@jeld-wen.com	JELD-WEN 3737 Lakeport Blvd Klamath Falls, OR 97601 (800) 535-3936 fbc1@jeld-wen.com		FL13541-R15 Editorial Change 2017 Approved *Approved the POC and/or the Commission if necessary.
	<u>Year</u> 2002 2004 2002 1994									viewed and ratified by

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Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval
Date Approved

05/21/2019 05/22/2019

05/30/2019

Summary of Products		
FL#	Model, Number or Name	Description
13541.1	A. Design Pro / Smooth Pro / Studio Fiberglass	Single (X) Opaque Fiberglass Door, 3'-0" x 6'-8" and 3'-0" x 8'-0", Inswing and Outswing
Limits of Use		Certification Agency Certificate
Approved for use in HVHZ: No	MA HVHZ: VAS	EL13541_R15_C_CAC_NI011906.01-R11.pdf
Impact Resistant: No		Quality Assurance Contract Expiration Date
Design Pressure: +50/-50	-50	03/30/2026
Other:		Installation Instructions
		Verified By: Hermes F. Norero 73778
		Created by Independent Third Party: Yes Evaluation Reports
		FL13541_R15_AE_PER2742 SS 2014-09-26.pdf
		Created by Independent Third Party: Yes

Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:	13541.3	Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other:	13541.2
HZ: No de HVHZ: Yes 50	C. Design Pro / Smooth Pro / Studio Fiberglass	HZ: No de HVHZ: Yes 50	B. Design Pro / Smooth Pro Fiberglass
Certification Agency Certificate EL13541_R15_C_CAC_NI011907.01-R10.pdf EL13541_R15_C_CAC_NI011907-R10.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541_R15_II_A010833A_SS_2014-09-26.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541_R15_AE_PER2744_SS_2014-09-26.pdf Created by Independent Third Party: Yes	Double (XX) Opaque Fiberglass Door, 6'-0" x 6'-8" and 6'-0" x 8'-0", Inswing and Outswing	Certification Agency Certificate EL13541 R15 C CAC NI011921.01-R10.pdf EL13541 R15 C CAC NI011921-R11.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541 R15 II A010832A SS 2014-09-26.pdf Verified By: Hermes F. Norero, P.E. 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541 R15 AE PER2743 SS 2014-09-26.pdf Created by Independent Third Party: Yes	Single (X) Glazed Fiberglass Door, 3'-0" x 6'-8" and 3'-0" x 8'-0", Inswing and Outswing

13541.4	D. Design Pro / Smooth Pro Fiberglass	Double (XX) Glazed Fiberglass Door, 6'-0" x 6'-8" and 6'-0" x 8'-0", Inswing and Outswing
Limits of Use Approved for use in HVHZ: No	VHZ: No	Certification Agency Certificate FL13541_R15_C_CAC_NI011908.01-R11.pdf
Approved for use outside HVHZ: Yes	side HVHZ: Yes	FL13541_R15_C_CAC_NI011908-R11.pdf
Impact Resistant: No		Quality Assurance Contract Expiration Date
Design Pressure: +50/-50	·-50	03/30/2026
Other:		Installation Instructions
		FL13541_R15_II_A010834A SS 2014-09-26.pdf
		Verified By: Hermes F. Norero 73778
		Created by Independent Third Party: Yes
		Evaluation Reports
		FL13541_R15_AE_PER2745 SS 2014-09-26.pdf
		Created by Independent Third Party: Yes

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Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other:	13541.6	E. Design Pro Fiberglass Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other:	
ide HVHZ: Yes	F. Design Pro / Smooth Pro Fiberglass	E. Design Pro / Smooth Pro / Studio Fiberglass VHZ: No ide HVHZ: Yes	
Certification Agency Certificate EL13541_R15_C_CAC_NI011923_01-R11.pdf EL13541_R15_C_CAC_NI011923-R11.pdf Quality Assurance Contract Expiration Date 03/30/2026 Installation Instructions EL13541_R15_II_13541.6.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports Evaluation Reports FL13541_R15_AE_PER2747_SS_2014-09-26.pdf Created by Independent Third Party: Yes	Single with side lite(s) (X,O/ O,X/ O,X,O) Glazed Fiberglass Door, 9'-0" x 6'-8" and 9'-0" x 8'-0", Inswing and Outswing	Single with side lite(s) (X,O/ O,X/ O,X,O) Opaque Fiberglass Door, 9'-0" x 6'-8" and 9'-0" x 8'-0", Inswing and Outswing Certification Agency Certificate E.13541_R15_C_CAC_NI011910_01-R11.pdf Guality Assurance Contract Expiration Date 03/30/2026 Installation Instructions FL13541_R15_II_A010835A SS 2014-09-26.pdf Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541_R15_AE_PER2746_SS 2014-09-26.pdf Created by Independent Third Party: Yes	

		13541.8
		œ
		H. Design Pro / Smooth Pro Fiberglass
Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541_R15_AE_PER2748_SS_2014-09-26.pdf Created by Independent Third Party: Yes	Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541 R15 AE PER2748 SS 2014-09-26.pdf Created by Independent Third Party: Yes	Verified By: Hermes F. Norero 73778 Verified By: Hermes F. Norero 73778 Created by Independent Third Party: Yes Evaluation Reports FL13541_R15_AE_PER2748 SS 2014-09-26.pdf Created by Independent Third Party: Yes Double with side lite(s) (XX,O/ O,XX/ O,XX,O) Glazed Fiberglass Door, 12'-0" x 6'-8" and 12'-0" x 8'-0", Inswing and Outswing

13541.8 H	H. Design Pro / Smooth Pro Fiberglass	Double with side lite(s) (XX,O/ O,XX/ O,XX,O) Glazed Fiberglass Door, 12'-0" x 6'-8" and 12'-0" x 8'-0", Inswing and Outswing
_imits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes	Z: No 9 HVHZ: Yes	Certification Agency Certificate EL13541_R15_C_CAC_NIO11912.01-R10.pdf EL13541_R15_C_CAC_NIO11912-R10.pdf
Impact Resistant: No		Quality Assurance Contract Expiration Date
Design Pressure: N/A		03/30/2026
Other:		Installation Instructions EL13541_R15_II_A010838A SS 2014-09-26.pdf
		Verified By: Hermes F. Norero, P.E. 73778
		Created by Independent Third Party: Yes Evaluation Reports
		EL13541_R15_AE_PER2749 SS 2014-09-26.pdf Created by Independent Third Party: Yes

Contact Us:: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

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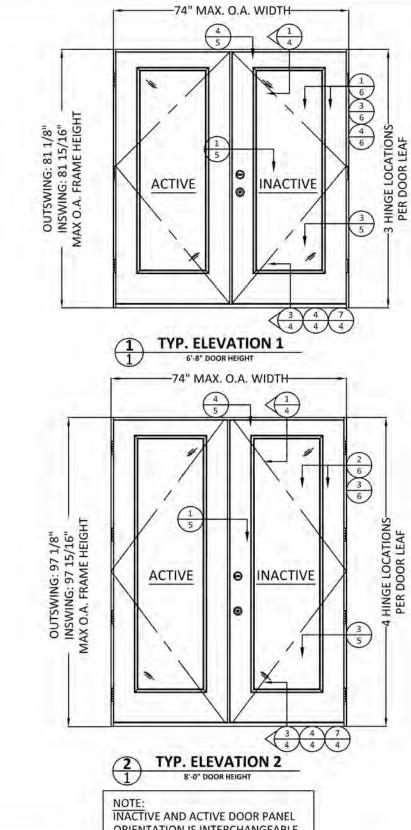
DESIGN PRO / SMOOTH PRO FULL LITE NON-IMPACT

FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

GENERAL NOTES:

- 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
 - TAS 202-94
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
- 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.
- 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	В	TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES				
2	Α	TYPICAL ANCHOR LAYOUTS AND NOTES				
3	Α	OPTIONAL 2X BUCK ANCHORING DETAILS				
4	A	VERTICAL ASSEMBLIES				
5	Α	HORIZONTAL ASSEMBLIES				
6	Α	GLAZING DETAILS				
7	Α	WOOD SUBSTRATES				
8	Α	CONCRETE SUBSTRATES				
9	A	COMPONENTS & BILL OF MATERIALS				



ORIENTATION IS INTERCHANGEABLE.

	MAX. OVERALL NOMINAL SIZE		DESIGN PRESSURE (PSF)				MISSILE	
CONFIGURATION	WIDTH HEIGHT	HEIGHT	INSWING		OUTSWING		IMPACT RATING	
		POS.	NEG.	POS.	NEG.	MATING		
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	



398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478

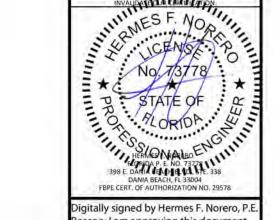
FAX: (954)744.4738 WEB: www.buildingdrops.com

TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES

DESIGN PRO/SMOOTH PRO FULL LITE

REMARKS BY DATE GL 06/12/1 Add Multi-Point Lock Add TAS 202-94 Standard SM 09/22/3

AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF BUILDING DROPS, IN



Digitally signed by Hermes F. Norero, P.B. Reason: I am approving this document Date: 2014.09.26 14:55:17 -04'00'

DATE: 02.05.14 SS/MSS SCALE: NTS

DWG. #: A010834A

SHEET:

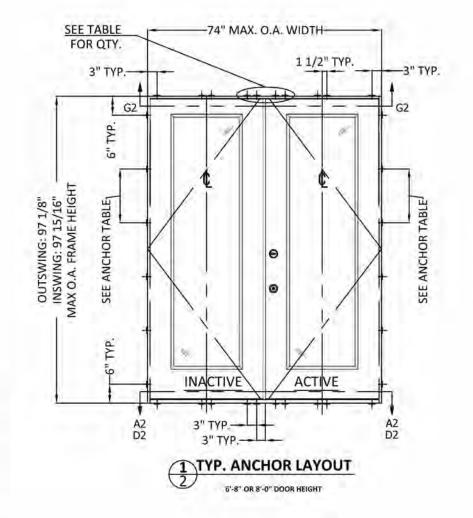
INSTALLATION NOTES:

- 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.
- 6. 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:**
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.

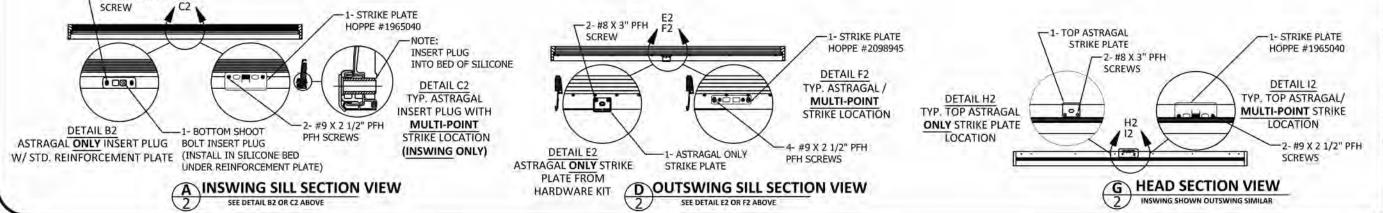
2-#12 X 3" PFH

- B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI
- C. 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
- D. 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								
					6'8" DOORS		8'0" DOORS	
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. O.C. SPACING AT JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	MAX. O.C. SPACING AT 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



INACTIVE AND ACTIVE DOOR PANEL ORIENTATION IS INTERCHANGEABLE.



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LAYOUTS AND NOTES JELD WEN

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT ANCHOR

REMARKS BY DATE GL 06/12/1 Add Multi-Point Lock

AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF BUILDING DROPS, INC ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER



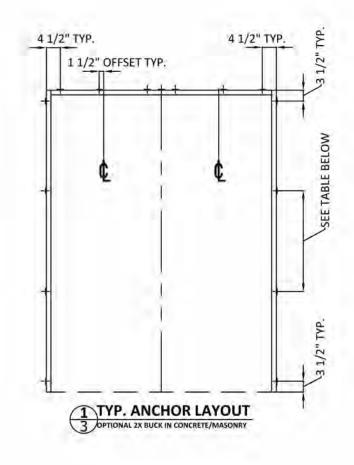
02.05.14 DATE: SS/MSS GL/TJM

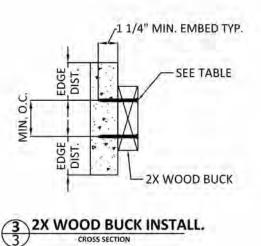
SCALE: NTS

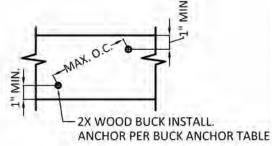
SHEET:

DWG. #: A010834A

OF9









2X BUCK ANCHOR TABLE								
Annes New S	ANCHOR MIN. MIN. EDGE MIN. CENTER	6'8" DOORS	8'0" DOORS					
ANCHOR TYPE	SIZE	SUBSTRATE	EMBEDMENT	DIST. TO SUBSTRATE	TO CENTER DISTANCE	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 ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	4"	25"	30-1/4"	

NOTES:

- 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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BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004

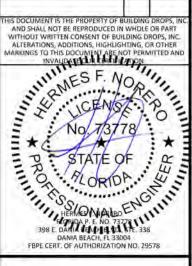
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3737 LAKEPORT BLVD., KLAMATH FALLS, OR 97601 PH: (541)882-3451 FAX: (541)850-2609

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

BY DATE REMARKS GL 06/12/1 Add Multi-Point Lock



02.05.14 DATE:

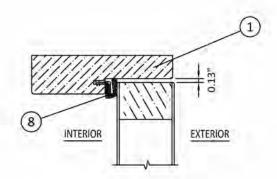
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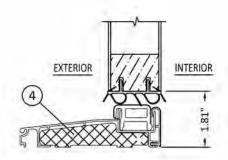
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DWG. #: A010834A

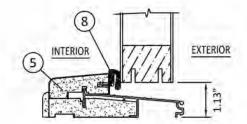
SHEET:

OF9

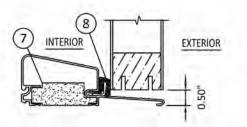




OPERABLE HEAD OUTSWING SHOWN - INSWING SIMILAR **OPERABLE SILL** INSWING **ENDURA ZAIL4565F**









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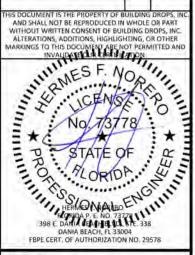
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VERTICAL ASSEMBLIES

JELD WEN

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

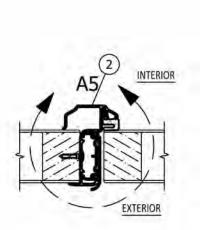
BY DATE REMARKS GL 06/12/1 Add Multi-Point Lock

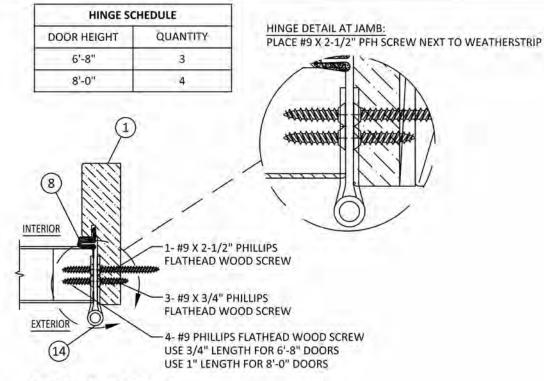


02.05.14 DATE: SS/MSS

NTS SCALE:

DWG. #: A010834A SHEET:





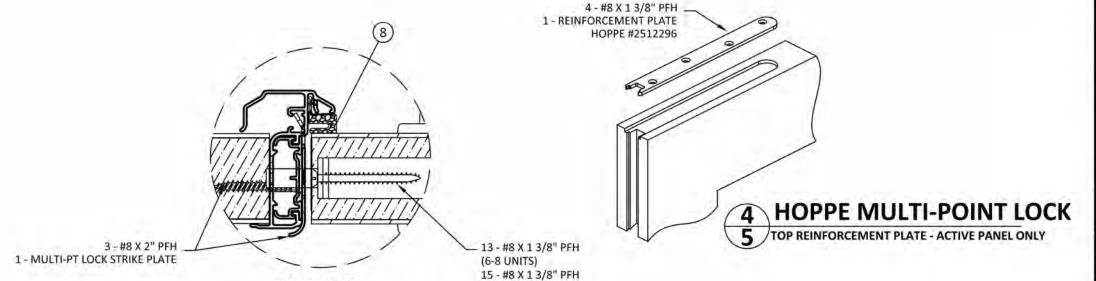




DETAIL A5

HOPPE MULTI-PT LOCK

FASTENING



COMES WITH HARDWARE

(8-0 UNITS)



BUILDING DROPS, INC.

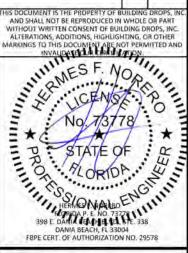
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HORIZONTAL ASSEMBLIES

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

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REMARKS BY DATE GL 06/12/14 Add Multi-Point Lock



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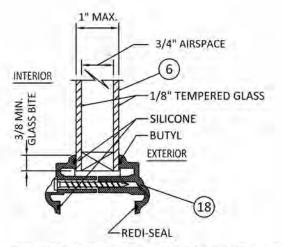
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DWG. #: A010834A

SHEET:

OF9

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1" MAX.

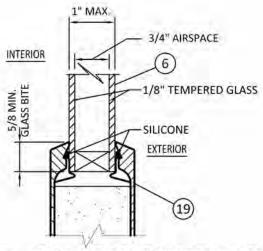
3/4" AIRSPACE

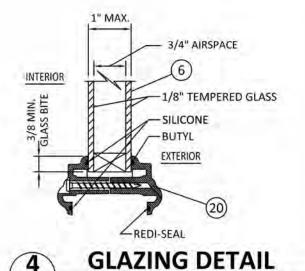
6

1/8" TEMPERED GLASS
SILICONE
BUTYL
EXTERIOR

18

REDI-SEAL





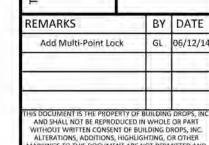
3 FLUSH GLAZE DETAIL

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

1 6'-8" GLAZING DETAIL

20 1/2" MAX. D.L.O. WIDTH 62 1/2" MAX. D.L.O. HEIGHT 8'-0" GLAZING DETAIL
20 1/2" MAX. D.L.O. WIDTH
78 1/2" MAX. D.L.O. HEIGHT

6 23 7/8" MAX. D.L.O. WIDTH 78 7/8" MAX. D.L.O. HEIGHT



PREPARED BY:

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

GLAZING DETAILS

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FBPE CERT, OF AUTHORIZATION NO. 29578

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SCALE: NTS

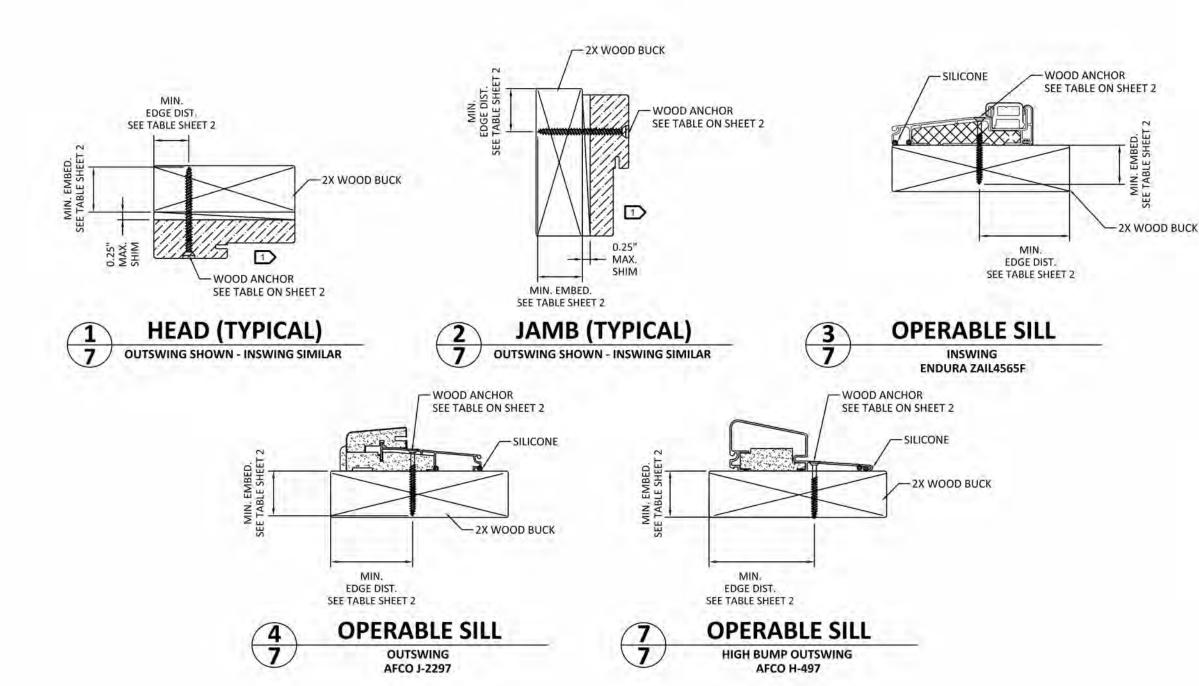
DWG. #: A010834A

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OTF.

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.



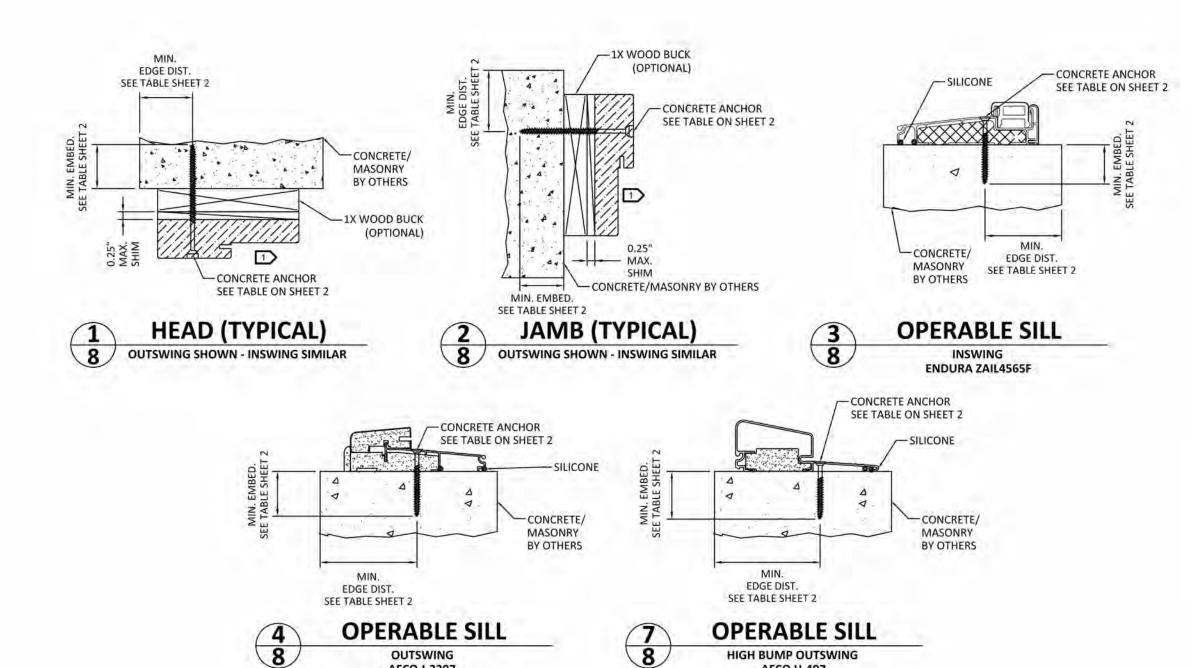
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BY DATE

GL 06/12/14

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



HIGH BUMP OUTSWING AFCO H-497

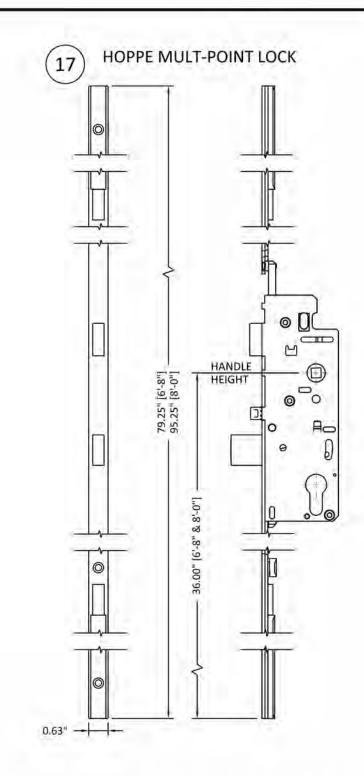
OUTSWING AFCO J-2297

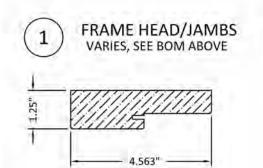
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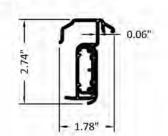
8

BILL OF MATERIALS						
ITEM#	DESCRIPTION	MATERIAL				
		FINGER-JOINTED PINI				
i	40.000.000.000	SOLID PINE				
	FRAME HEAD/JAMBS	LAMINATED VENEER LUMBER				
		COMPOSITE				
2	ASTRAGAL, ENDURA ULTIMATE HURRICANE (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	6063-T6 ALUMINUM				
3	(NOT USED)	120				
4	ENDURA ZAIL4565F THRESHOLD	-9-				
5	AFCO J-2297 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	KWIKSET LOCK SERIES 400	STEEL				
16	KWIKSET DEADBOLT SERIES 780	STEEL				
17	HOPPE MULI-POINT HARDWARE HLS9000 (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	STEEL				
18	ODL LIPLITE KIT (NI)	PLASTIC				
19	FLUSH GLAZING LEG	FIBERGLASS				
20	ODL LIPLITE KIT (RADIUS LITES)	PLASTIC				



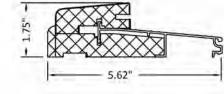


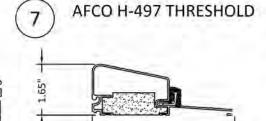






AFCO J-2297 THRESHOLD 5





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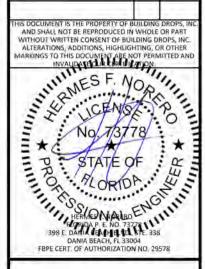
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COMPONENTS AND BILL OF MATERIALS

DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT

- 0		
REMARKS	BY	DATE
Add Multi-Point Lock	GL	06/12/14
	+	



02.05.14 DATE:

GL/TJM SS/MSS

NTS SCALE:

DWG. #: A010834A SHEET:

OF9

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