

c:\Users\sebastianhereros\building drops, inc\building drops landing - common\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114326\awd274.dwg 5/28/2024 1:54 PM

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. FASTENER THROUGH FRAME HEAD: FOR INSTALLATION THROUGH 2X WOOD FRAME USE ONE (1) #12 WOOD SCREW PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. FASTENER THROUGH FRAME HEAD: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/ MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4 INCH MINIMUM EMBEDMENT.
6. FASTENER THROUGH FRAME HEAD: FOR INSTALLATION THROUGH METAL STUD USE ONE (1) #12 SELF-TAPPING SCREWS PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
7. HIGH PERFORMANCE SILL: FOR INSTALLATION THROUGH 2X WOOD FRAME USE FOUR (4) #10 WOOD SCREWS PER LOCATION THROUGH SILL BRACKET OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
8. HIGH PERFORMANCE SILL: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/ MASONRY, USE TWO (2) 3/16 INCH ITW TAPCON PER LOCATION THROUGH SILL BRACKET OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
9. HIGH PERFORMANCE SILL: FOR INSTALLATION THROUGH METAL STUD USE FOUR (4) #10 SELF-TAPPING SCREWS PER LOCATION THROUGH SILL BRACKET OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
10. INSTALLATION CLIP JAMBS: FOR INSTALLATION THROUGH 2X WOOD FRAME USE ONE (1) #10 WOOD SCREW PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
11. INSTALLATION CLIP JAMBS: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/ MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
12. INSTALLATION CLIP JAMBS: FOR INSTALLATION THROUGH METAL STUD USE ONE (1) #10 SELF-TAPPING SCREWS PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE.
13. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
14. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
15. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.

INSTALLATION NOTES (CONTINUED):

16. 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.
17. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
18. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2700 PSI.

C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE)

E. ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL & INSTALLATION NOTES
2	ELEVATIONS & ANCHOR LAYOUTS
3	APPROVED PRODUCT OPTIONS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS & GLAZING DETAILS
6	COMPONENTS
7	COMPONENTS
8	BILL OF MATERIALS

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-08/11/17

ASTM E1886-19

ASTM E1996-20

TAS 201-94

TAS 202-94

TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD 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. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: WOOD/ALUMINUM 6063-T5
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL
9. CUSTOM SIZES AVAILABLE UPON REQUEST.
10. IN ACCORDANCE WITH THE CH. 23 OF FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
11. IN ACCORDANCE WITH THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED.

DESIGN PRESSURE RATING				
DOOR CONSTRUCTION	APPROVED SIZES	DESIGN PRESSURE		MISSILE IMPACT RATING
ALUMINUM CLAD	SEE SHEET 2	+50.0 / -50.0 PSF	W/ WATER INFILTRATION	LARGE MISSILE

ANDERSEN CORPORATION

CONTEMPORARY CLAD WOOD FOLDING OUTSWING DOOR WITH STORMWATCH PROTECTION (HVHZ)(IMPACT)



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE: CONTEMPORARY CLAD WOOD FOLDING OUTSWING DOOR WITH STORMWATCH PROTECTION (HVHZ)(IMPACT)

GENERAL & INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

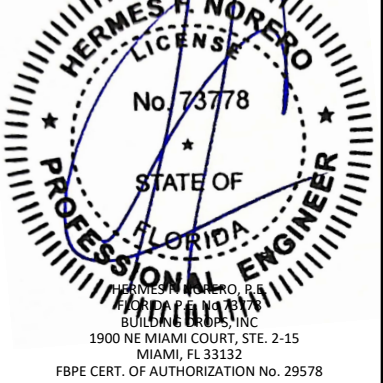
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
8TH FBC CODE CHANGE	OL	5.24.23
FRAME SIZE UPDATE	SM	5.14.24

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 PERFORM SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.05.04 16:28:20 -0400



FL #: **FL14326**

DATE: **07.29.20**

DWG. BY: **MS**

CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **AWD274**

SHEET: **1**

OF 8

c:\users\sebastianh\projects\building drops, inc\building drops landing - common\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114326\awd274.dwg 5/28/2024 1:54 PM



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: CONTEMPORARY CLAD
WOOD FOLDING OUTSWING DOOR
WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)
HORIZONTAL SECTIONS
AND GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

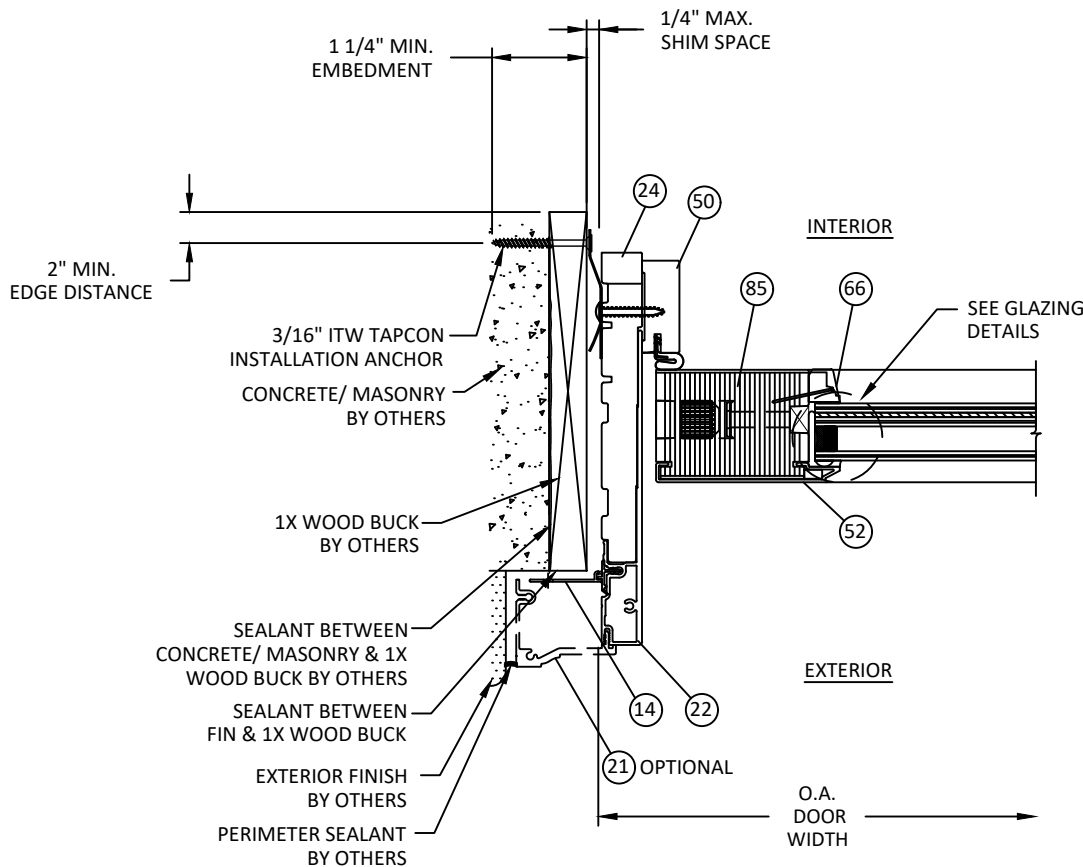


REMARKS	BY	DATE
8TH FBC CODE CHANGE	OL	5.24.23
FRAME SIZE UPDATE	SM	5.14.24

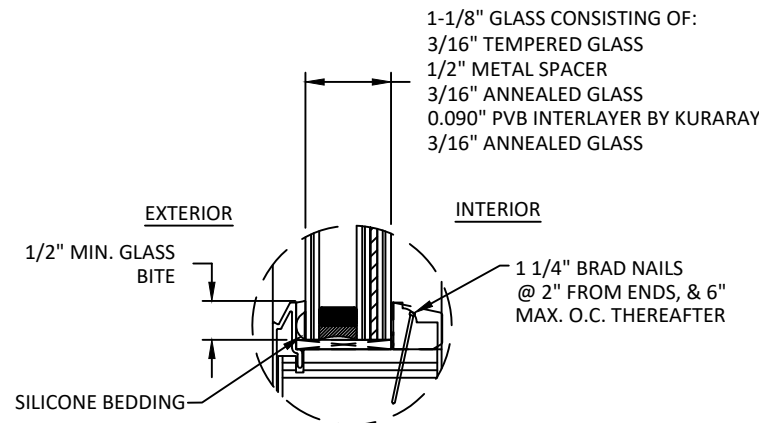
THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PERFORM SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



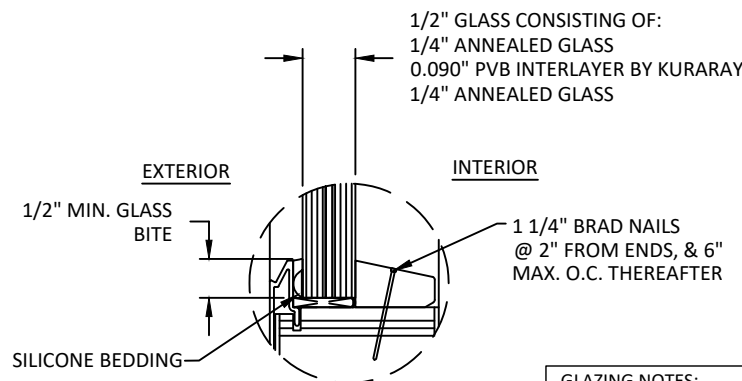
FL #:	FL14326
DATE:	07.29.20
DWG. BY:	MS
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD274
SHEET:	5



D
5 **HORIZONTAL SECTION**
JAMB - 1X WOOD/CONCRETE/MASONRY
ALUMINUM CLAD - 2 1/4" PANEL

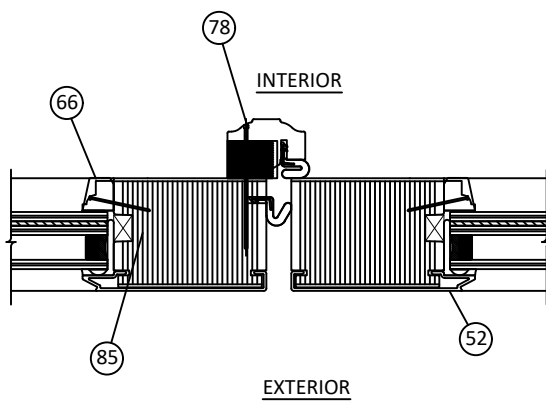


GLAZING DETAIL 1

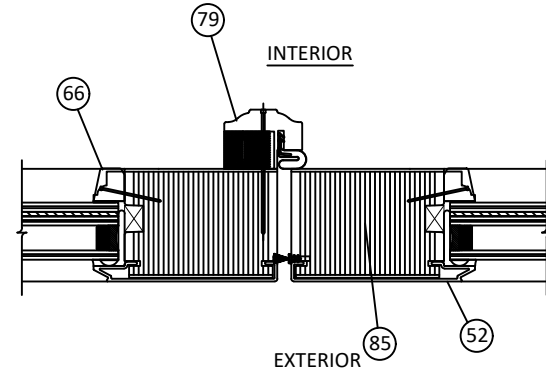


GLAZING DETAIL 2

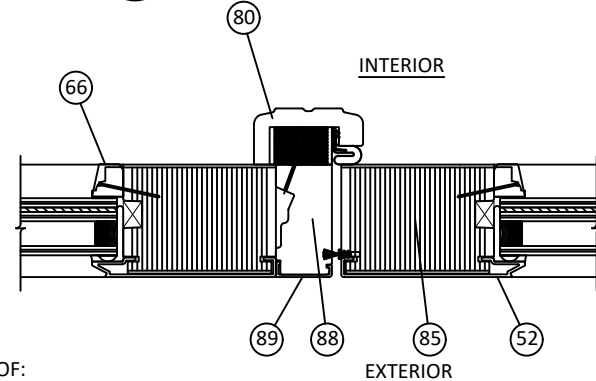
- GLAZING NOTES:
1. GLAZING COMPLIES WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
 2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
 3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
 4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.



E
5 **HORIZONTAL SECTION**
LEADING / LEADING



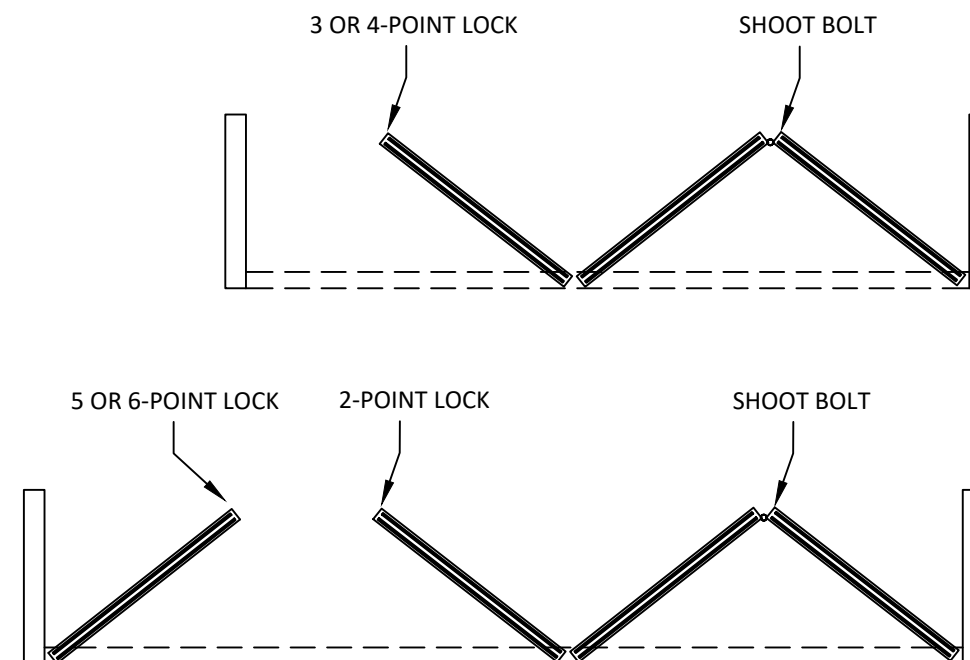
F
5 **HORIZONTAL SECTION**
LEADING / ACTIVE



G
5 **HORIZONTAL SECTION**
PASSIVE / ACTIVE

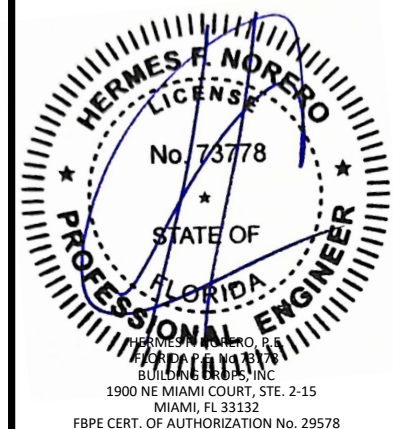
A diagram showing a vertical pipe with a horizontal branch. The horizontal branch is connected to the vertical pipe via a 90-degree elbow joint. The elbow joint is shown in a perspective view, highlighting the curved surface of the fitting.

The image displays three exploded views of a mechanical assembly. The top view shows a camera lens with a mounting bracket. The middle view shows a mounting bracket with a base plate. The bottom view shows a base plate with a mounting bracket. The components are shown in a disassembled state to illustrate their relative positions and how they fit together.



REMARKS	BY	DATE
8TH FBC CODE CHANGE	OL	5.24.23
FRAME SIZE UPDATE	SM	5.14.24

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERAL 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 PERFORM SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL #: **FL14326**

DATE: 07.29.20

DWG. BY: MS	CHK. BY: HFN
-----------------------	------------------------

SCALE: NTS

DWG. #: AWD274

SHEET:

c:\users\sebastianherrerros\building drops, inc\building drops, inc\building drops, inc\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114326\awd274.dwg 5/28/2024 1:54 PM

ITEM	DESCRIPTION	PROFILE, PART NO., OR DWG NO.
1	WEEP HOLE COVER	0109671
2	6 9/16" STANDARD THRESHOLD	0109876
3	VINYL THRESHOLD TRACK	0115618
4	THRESHOLD END GASKET, CLAD FRAME	0117268
5	SHOOT BOLT STRIKE PLATE	0117878
6	THRESHOLD INTERIOR TRIM	0115608
9	THRESHOLD DRAIN COVER	0102210
10	WEATHERSEAL, THRESHOLD	0115619
11	PILE WEATHERSTIP 0.380" PILE HEIGHT	0115617
12	FOLDING DOOR HEAD TRACK	0115475
13	FRAME CLADDING	0108683
14	JAMB, NAILING FLANGE, FOLDABLE	0108641
15	ALUMINUM BRICKMOULD, HEAD (OPTIONAL)	0115609
16	WEATHERSEAL, HEAD	0108675
18	FOLDING DOOR HEAD FILLER	0115611
19	FOLDING DOOR, CLAD 6 9/16" HEAD FRAME MEMBER	0115616
20	INSTALLATION CLIP	0109860
21	JAMB, ALUMINUM BRICKMOULD, BENDABLE (OPTIONAL)	0115609
22	FOLDING DOOR JAMB CLADDING	0115476
23	FOLDING DOOR FRAME CLADDING GASKET	0109862
24	FOLDING DOOR, CLAD 6 9/16" JAMB FRAME MEMBER	0115610
26	WEATHERSEAL, JAMB	0108675
50	2-1/4" SLAB WEATHERSEAL ADAPTOR	0115613
51	3-11/16" EXTERIOR STILE/RAIL CLADDING	0117526
52	4-POINT LOCK EXTENSION (LH)	0102986
53	4-POINT LOCK EXTENSION (RH)	1012987
54	5-POINT LOCK	0102979
55	PASSIVE LOCK	0102981
56	3-3/8" INTERMEDIATE PANEL COVER CLADDING	0117421
57	2-1/4" THICK, 2-1/8" MID RAIL/STILE	0121523
58	FLAT PANEL, CLAD, 0.908" THICK PLYWOOD CORE - ASSY	0122060
59	RAISED PANEL, 0.500" MEDEX CORE - ASSY	0121607

ITEM	DESCRIPTION	"PROFILE, PART NO., OR DWG NO."
63	4-11/16" EXTERIOR STILE/RAIL CLADDING	0114450
64	8" EXTERIOR BOTTOM RAIL CLADDING	0114451
66	WOOD INTERIOR GLASS STOP - HPIR	0114460
68	4-POINT LOCK BASE	0102982
70	PIVOT SET	SK2804
71	WALL PIVOT	0115186
72	HALF OFFSET HINGE SET HANDLE	SK2806
73	HALF OFFSET HINGE SET	SK2808
74	FLAT OFFSET HINGE SET HANDLE	SK2886
75	FLAT OFFSET HINGE SET HANDLE	SK2888
76	END CARRIER	SK2890
77	INTERMEDIATE CARRIER	SK2892
78	ASTRAGAL CAP FOR L/L FOLDING DOOR	0114491
79	ASTRAGAL CAP FOR L/A OR A/L FOLDING DOOR	0114495
80	ASTRAGAL CAP FOR A/P OR P/A FOLDING DOOR	0114464
83	SILL CLIP	0109670
85	2-1/4" SLAB, 3-1/16" CLAD STILE/RAIL	0117528
88	2 1/4" THICK SLAB, CLAD ASTRAGAL TONGUE	0114463
89	CLAD ASTRAGAL TONGUE CLADDING	0114465
90	6-POINT LOCK EXTENSION (LH)	0102988
91	6-POINT LOCK EXTENSION (RH)	0102989
92	6-POINT LOCK BASE	0102983
93	3-POINT LOCK	0103216
95	2- 1/4" OUTSWING VINYL INSERT - HP	0117265
96	2-1/4" SLAB, 4-1/16" CLAD RAIL	0119606
97	2-1/4" SLAB, 3-1/16" CLAD RAIL	0117527
98	PASSIVE LOCK EXTENSION	0102991
99	2-1/4" SLAB THRESHOLD CAP - HP	0117266
100	PASSIVE LOCK BASE	0102984
101	12" EXTERIOR BOTTOM CLADDING CLADDING	0115101
102	2-1/4" SLAB, 7-3/8" CLAD BOTTOM RAIL	0114456
103	2-1/4" SLAB, 11-3/8" CLAD BOTTOM RAIL	0115102
104	2-1/4" SLAB, 3-1/16" CLAD BOTTOM RAIL	0117528



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE: CONTEMPORARY CLAD
WOOD FOLDING OUTSWING DOOR
WITH STORMWATCH PROTECTION
(HVHZ)(IMPACT)

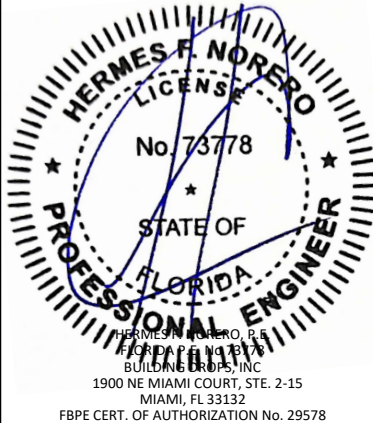
COMPONENTS & BILL OF MATERIALS

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

**BUILDING DROPS**

REMARKS	BY	DATE
8TH FBC CODE CHANGE	OL	5.24.23
FRAME SIZE UPDATE	SM	5.14.24

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 PERFORM SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.



HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL14326

DATE:

07.29.20

DWG. BY:

MS

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

AWD274

SHEET:

8

OF 8