

8/18/2026 11:17 AM

c:\users\sebastian\hereros\building drops, inc\building drops landing - common\projects\andersen corporation\fb-26-0633 - fl14429 - 100 series door & mullion revisions\dwgs\awd120.dwg

ANDERSEN CORPORATION

100 SERIES GLIDING PATIO DOOR, TRANSOM, & SIDELIGHT (NON-HVHZ)(NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FASTENER THROUGH FRAME: 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.
- FASTENER THROUGH FRAME: 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.
- FASTENER THROUGH FRAME: 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.
- 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.
- 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.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE)
 - ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

GENERAL NOTES:

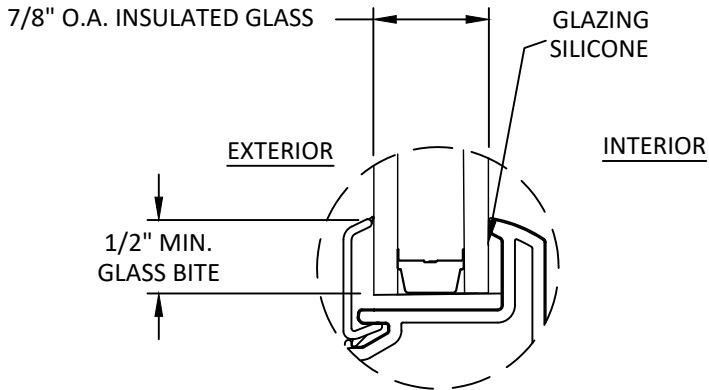
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS 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.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: FIBREX®.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- CUSTOM SIZES AVAILABLE UPON REQUEST.

NOTE:

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

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, INSTALLATION NOTES, & GLAZING DETAIL
2	ELEVATIONS & ANCHOR LAYOUTS
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	COMPONENTS & BILL OF MATERIALS

SIZE & CONFIGURATION	DESIGN PRESSURE	REINFORCEMENT (ITEM #6)	MISSILE IMPACT RATING
(XO) 95 1/2" X 95 1/2"	+30/-30 PSF	YES	NOT RATED
(XO) 95 1/2" X 83 1/2"	+30/-30 PSF	N/A	NOT RATED
(O) 95 1/2" X 23 1/4"	+30/-30 PSF	N/A	NOT RATED
(O) 47 1/4" X 95 1/2"	+30/-30 PSF	N/A	NOT RATED



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

TITLE:
100 SERIES GLIDING PATIO DOOR,
TRANSOM, & SIDELIGHT
(NON-HVHZ)(NON-IMPACT)
GENERAL NOTES, INSTALLATION
NOTES, & GLAZING DETAIL

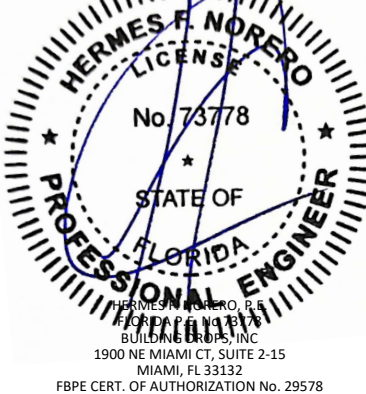
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
MULLION REMOVAL	DB	06/26

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

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.18 15:40:03 -05'00'



FL #:

FL14429

DATE: **08.09.17**

DWG. BY: **HR** CHK. BY: **HFN**

SCALE: **NTS**

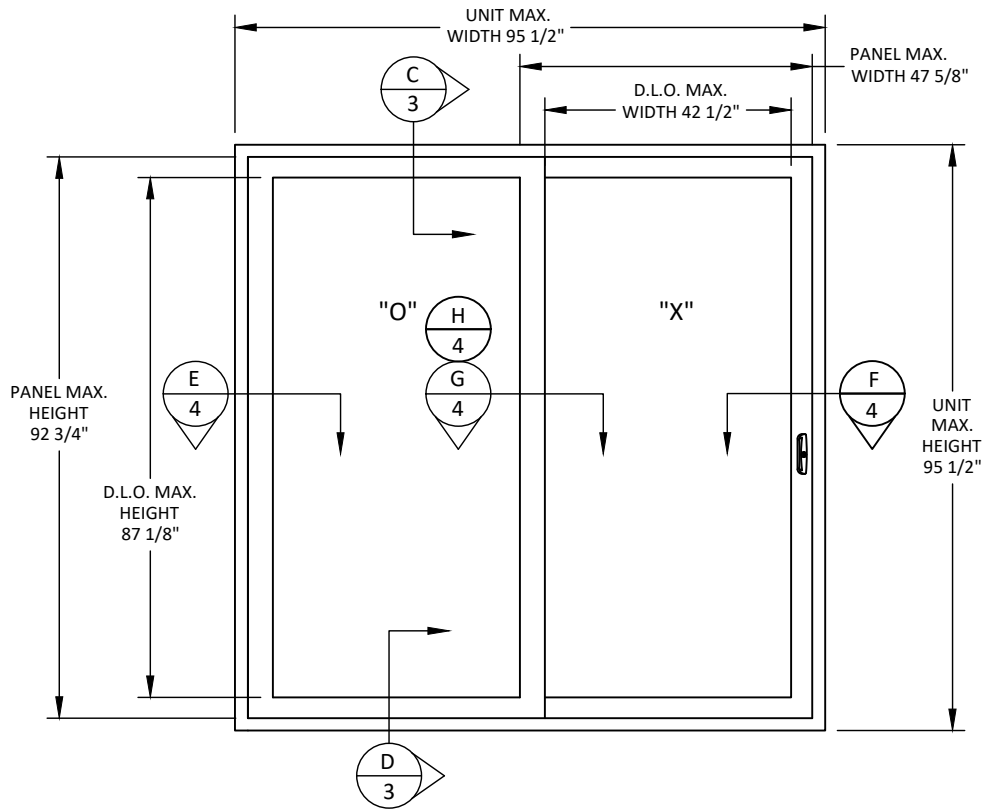
DWG. #: **AWD120**

SHEET:

1

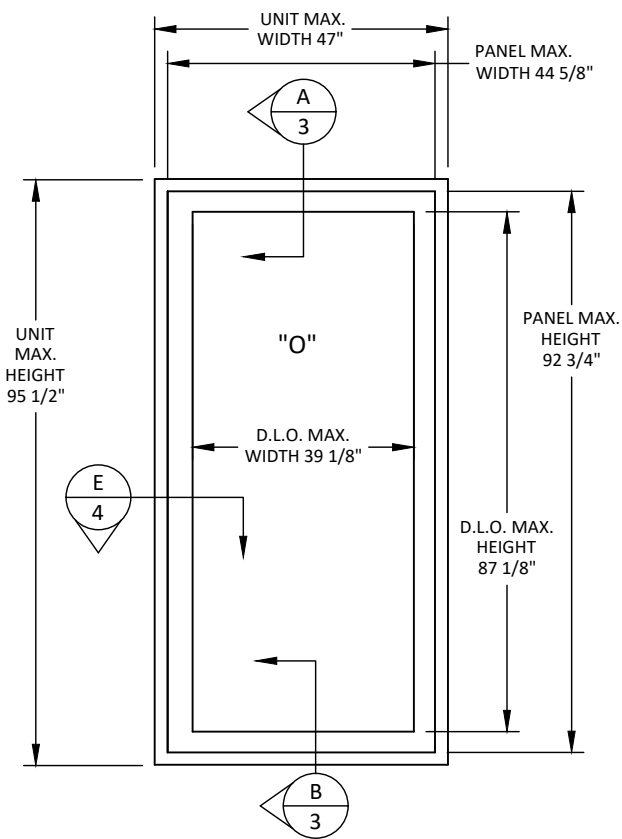
OF 5

c:\users\sebastianh\documents\building drops, inc\building drops landing - common\projects\andersen corporation\fb-26-0633 - fl14429 & fl15922 - 100 series door & mullion revisions\dwgs\awd120.dwg
8/18/2026 11:17 AM

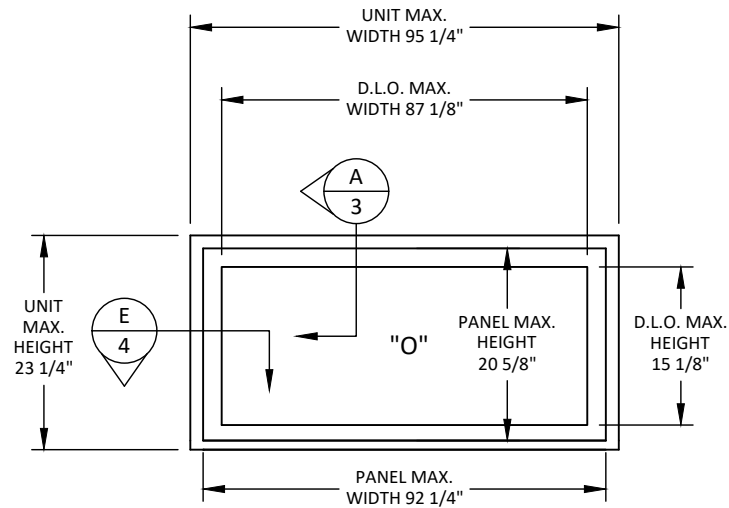


ELEVATION
GLIDING PATIO DOOR

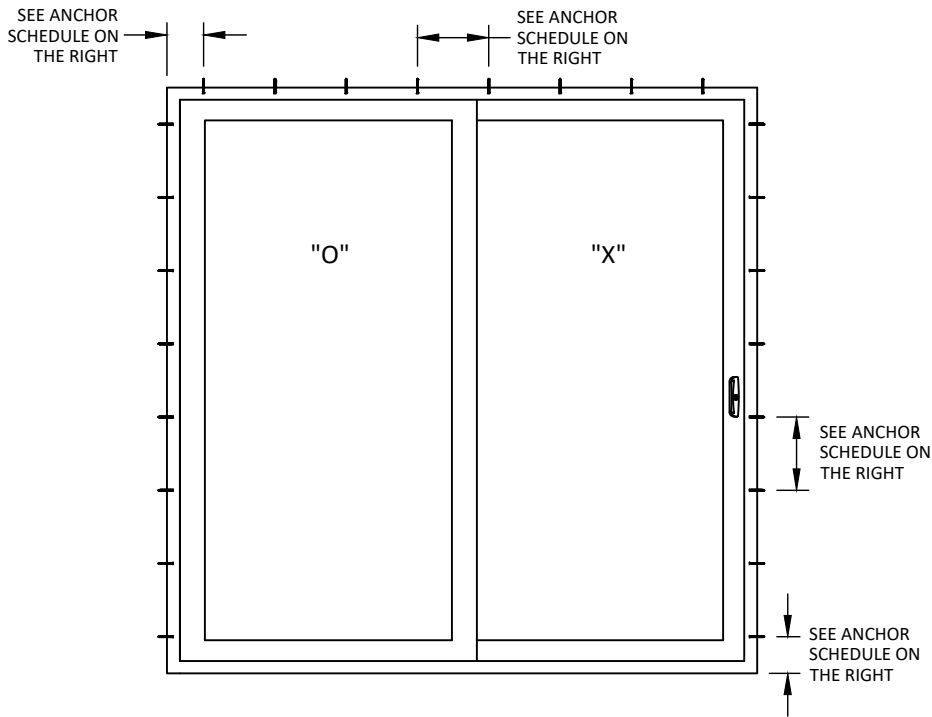
NOTE: ALL VIEWS AS SEEN FROM THE EXTERIOR



ELEVATION
SIDELIGHT



ELEVATION
TRANSOM



ANCHOR LAYOUT

ANCHOR SCHEDULE								
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)	HEAD O.C. SPACING (IN.)	JAMB O.C. SPACING (IN.)	CORNER DISTANCE (IN.)
THROUGH FRAME	1	WOOD	#10 WOOD ANCHOR	1.50	0.75	18.00	24.00	11.50
	1	CONCRETE/ MASONRY	3/16" ITW TAPCON	1.25	2.50	18.00	24.00	11.50
	1	METAL STUD	#10 SELF-TAPPING SCREW	3 THREADS	0.50	18.00	24.00	11.50

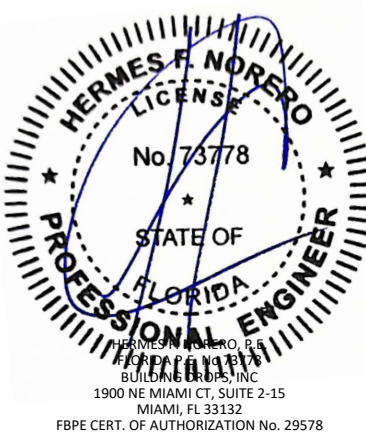


TITLE: 100 SERIES GLIDING PATIO DOOR, TRANSOM, & SIDELIGHT (NON-HVHZ)/(NON-IMPACT) ELEVATIONS & ANCHOR LAYOUTS

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

REMARKS	BY	DATE
MULLION REMOVAL	DB	06/26

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.



FL #: **FL14429**

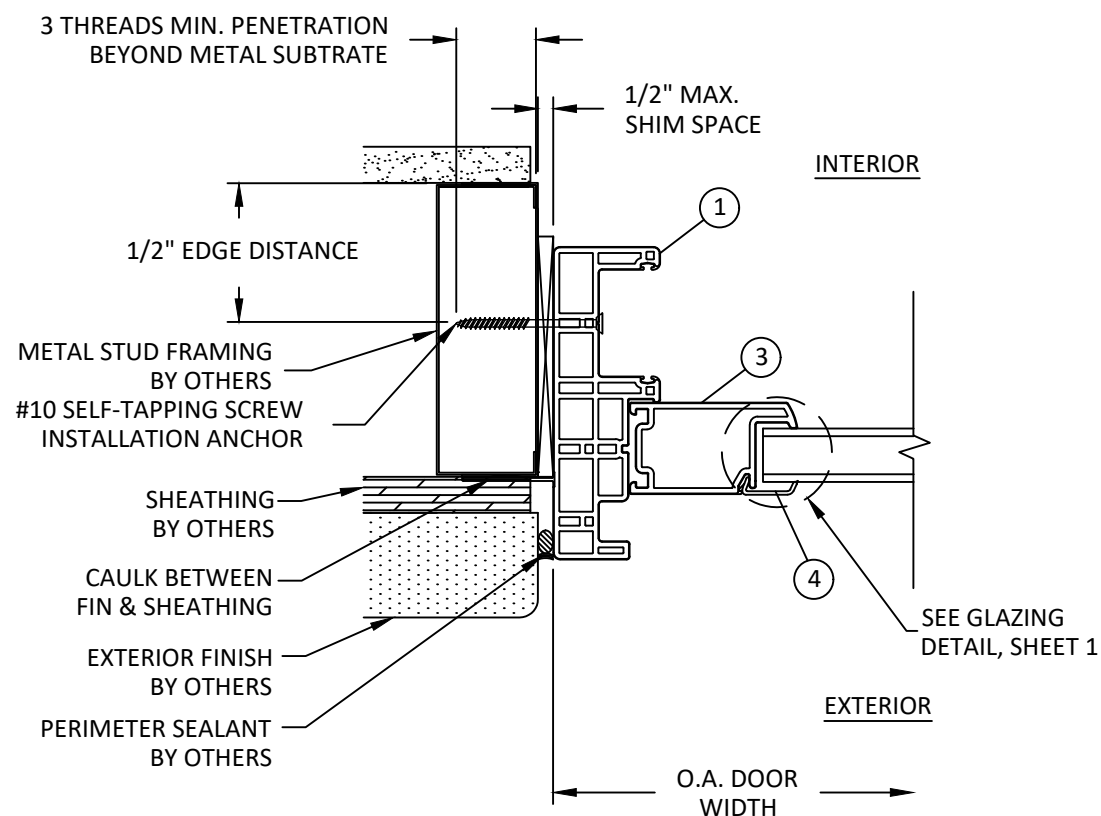
DATE: **08.09.17**

DWG. BY: **HR** CHK. BY: **HFN**

SCALE: **NTS**

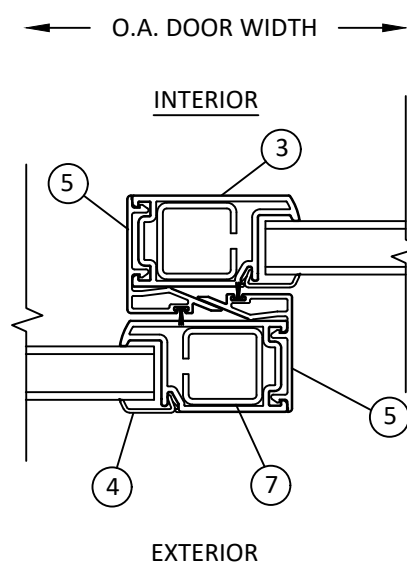
DWG. #: **AWD120**

SHEET:

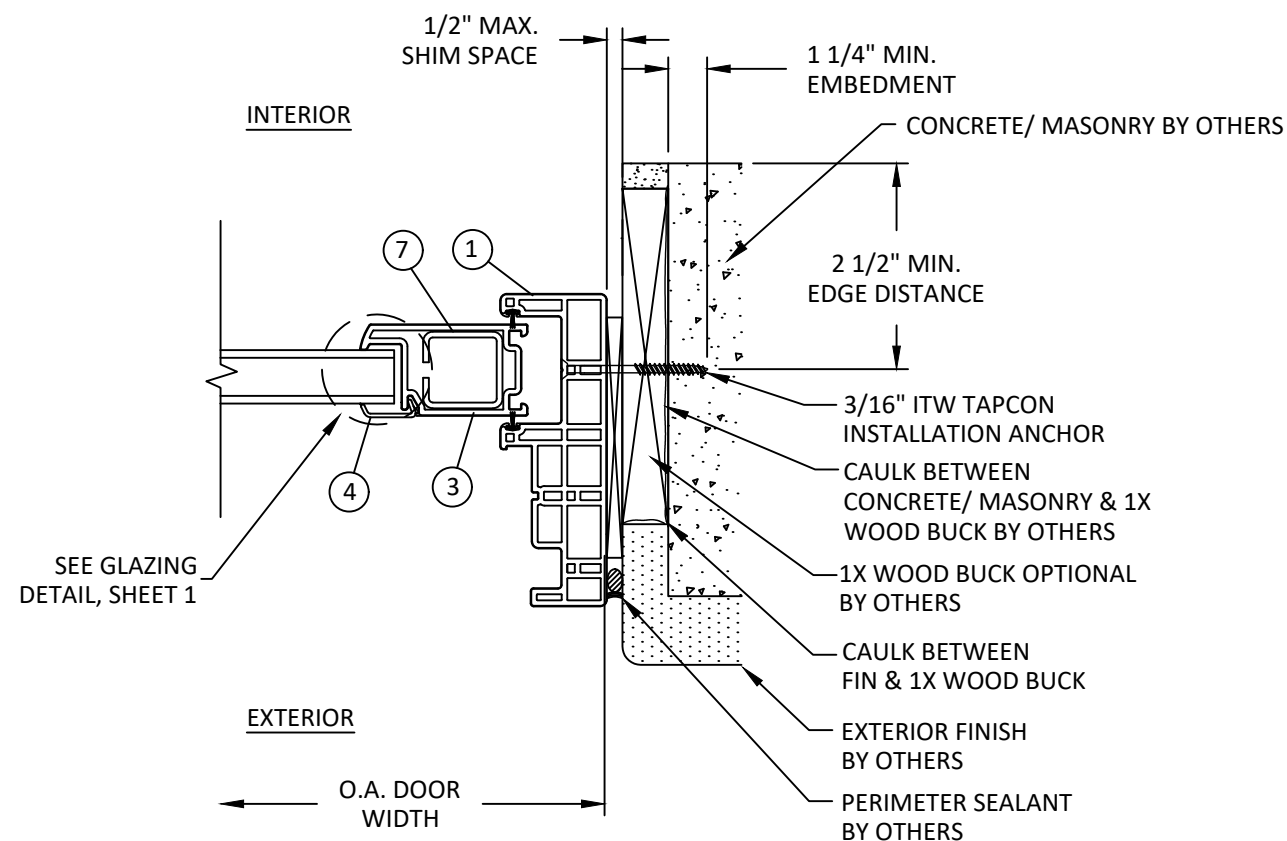


E **4** **HORIZONTAL SECTION**

JAMB - METAL STUD FRAME
THROUGH FRAME - STATIONARY SIDE



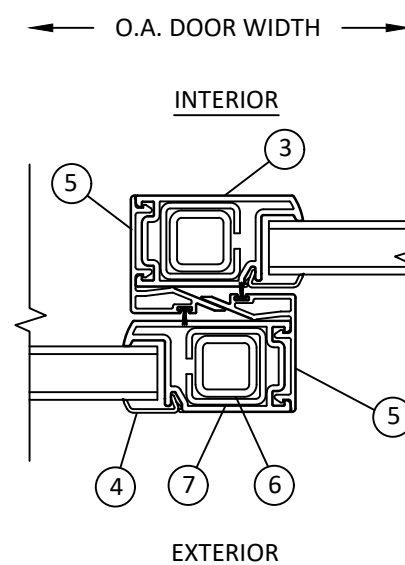
G
4 **HORIZONTAL SECTION**
MEETING STILE
DOOR HEIGHT = 83.5"



F
4

HORIZONTAL SECTION

JAMB - 1X WOOD/CONCRETE/MASONRY
THROUGH FRAME - OPERABLE SIDE



H HORIZONTAL SECTION
4 MEETING STILE
 DOOR HEIGHT = 95.5"



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

TITLE:
100 SERIES GLIDING PATIO DOOR,
TRANSOM, & SIDELIGHT
(NON-HVHZ)/(NON-IMPACT)

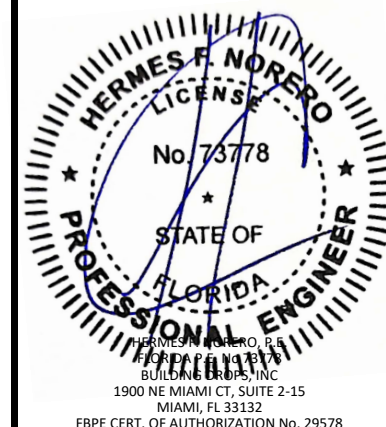
HORIZONTAL SECTIONS

Building Drops, Inc.



REMARKS	BY	DATE
MULLION REMOVAL	DB	06/20

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



FL #: **FL14429**

DATE: 08.09.17

DWG. BY: HR	CHK. BY: HFN
-----------------------	------------------------

SCALE: NTS

DWG. #: AWD120

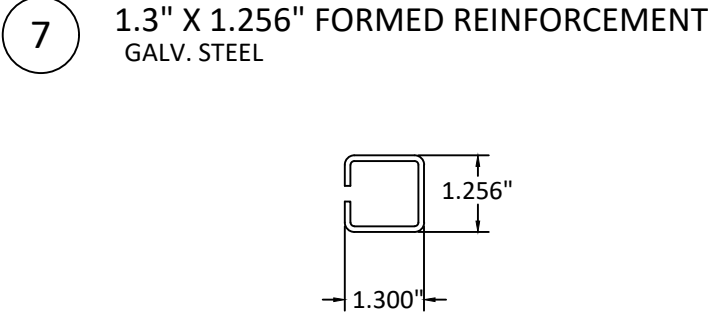
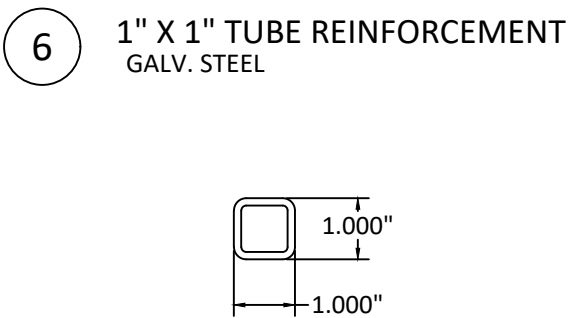
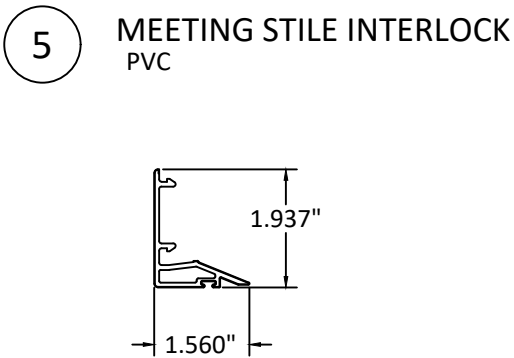
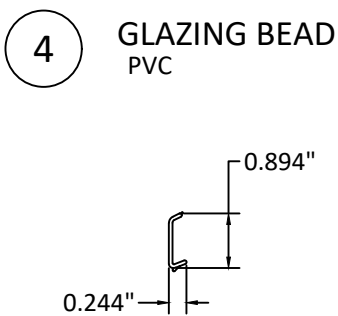
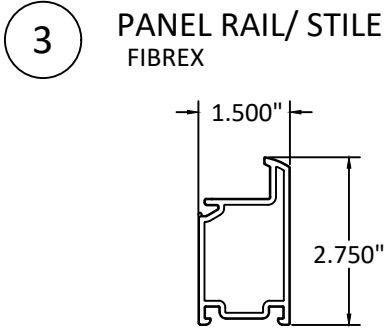
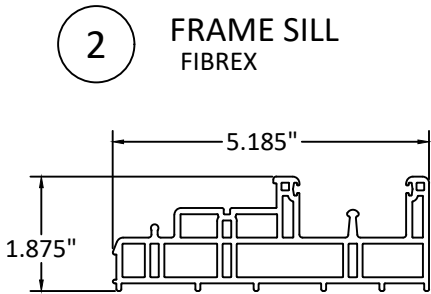
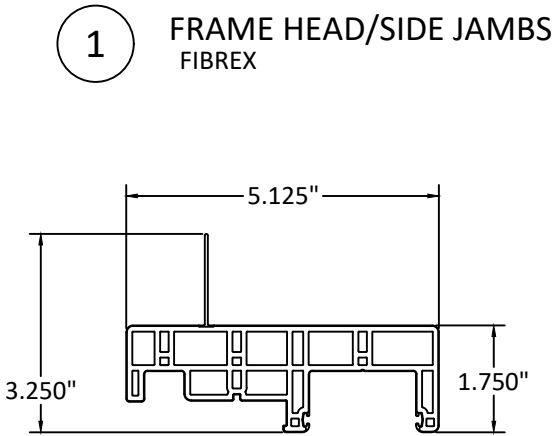
SHEET:

4

OF 5

c:\users\sebastianhereros\building drops, inc\building drops landing - common\projects\andersen corporation\fb-26-0633 - fl14429 - 100 series door & mullion revisions\dwgs\awd120.dwg 8/18/2026 11:17 AM

BILL OF MATERIALS				
NO.	PART NUMBER	DESCRIPTION	MATERIAL	MANUFACTURER
1	-	FRAME - HEAD/SILL & JAMBS	FIBREX	ANDERSEN
2	-	FRAME - SILL	FIBREX	ANDERSEN
3	-	PANEL RAIL/STILE	FIBREX	ANDERSEN
4	-	GLAZING BEAD	PVC	ANDERSEN
5	-	MEETING STILE INTERLOCK	PVC	ANDERSEN
6	-	1" X 1" TUBE REINFORCEMENT	GALVANIZED STEEL	ANDERSEN
7	-	1.3" X 1.256" FORMED REINFORCEMENT	GALVANIZED STEEL	ANDERSEN





ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

TITLE:
100 SERIES GLIDING PATIO DOOR,
TRANSOM, & SIDELIGHT
(NON-HVHZ)/(NON-IMPACT)
COMPONENTS & BILL OF MATERIALS

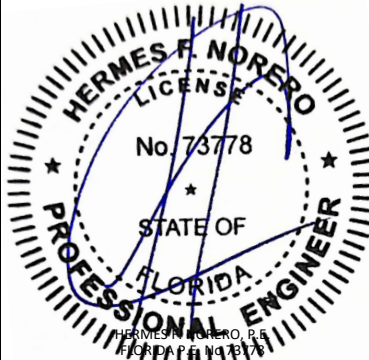
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



BUILDING DROPS

REMARKS	BY	DATE
MULLION REMOVAL	DB	06/26

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.



HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
LICENSE No. 73778
STATE OF FLORIDA
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL14429

DATE: **08.09.17**

DWG. BY: HR	CHK. BY: HFN
-----------------------	------------------------

SCALE: **NTS**

DWG. #: **AWD120**

SHEET:

5

OF 5