

ANDERSEN CORPORATION

A-SERIES PATIO DOOR SIDELITE AND TRANSOM

WITH PG UPGRADE

(HVHZ) (NON-IMPACT)

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. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. 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.
8. 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.
9. 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 3000 PSI.

C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI.

E. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM WALL THICKNESS OF 33 MILS (0.033" or 20 GAUGE). MIN. 1/2" EDGE DISTANCE.

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

GENERAL NOTES:

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

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

TAS 202-94
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 REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: PONDEROSA PINE OR EQUIVALENT (MIN SG = 0.40) WITH FIBERGLASS CLADDING.
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
8. DESIGNATIONS "O" STAND FOR THE FOLLOWING:

O: FIXED PANEL
9. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
10. IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS PER CH 23.
11. IN ACCORDANCE WITH THE CURRENT FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CH 20.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES
2	ELEVATION AND ANCHOR LAYOUT - TRADITIONAL TRANSOM
3	ELEVATION AND ANCHOR LAYOUT - CONTEMPORARY TRANSOM
4	ELEVATION AND ANCHOR LAYOUT - TRADITIONAL SIDELITE
5	ELEVATION AND ANCHOR LAYOUT - CONTEMPORARY SIDELITE
6	DESIGN PRESSURE TABLES AND GLAZING DETAILS
7	VERTICAL SECTIONS
8	VERTICAL SECTIONS
9	HORIZONTAL SECTIONS
10	ANCHOR DETAILS AND ANCHOR SCHEDULE
11	BILL OF MATERIALS & COMPONENTS
12	COMPONENTS & LOCK DETAILS

WATER RATING	MISSILE IMPACT RATING
W/ WATER INFILTRATION	NON-IMPACT



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)(NON-IMPACT)
GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

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

PH: (954) 399-8478
FAX: (954) 744-4738

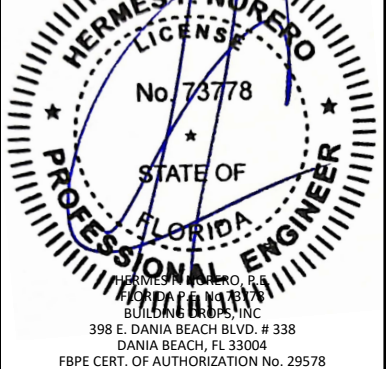
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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

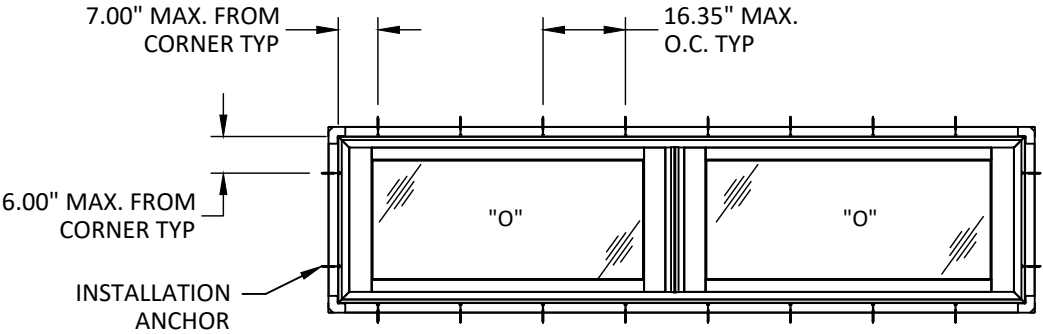
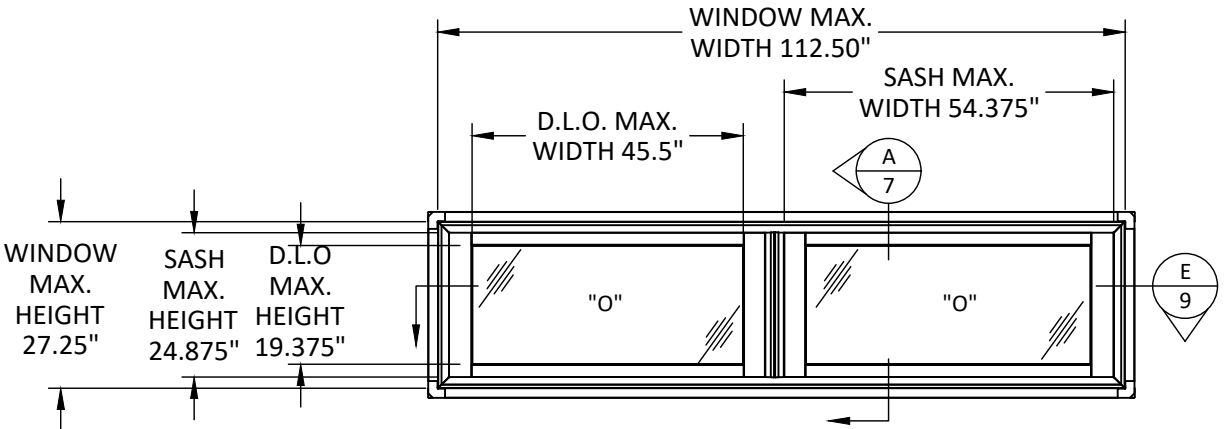
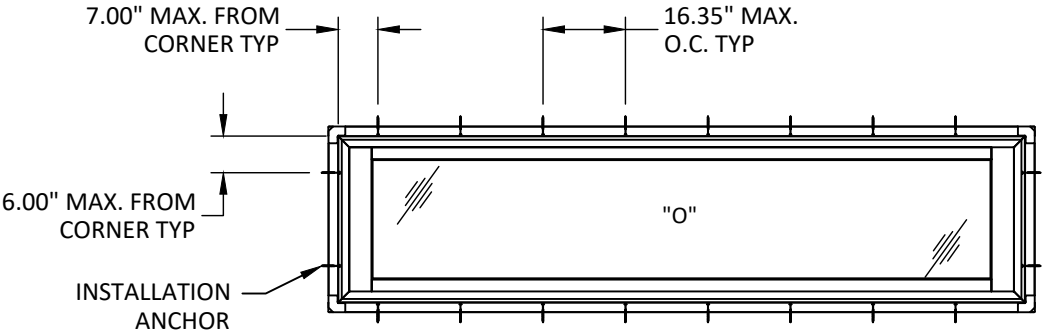
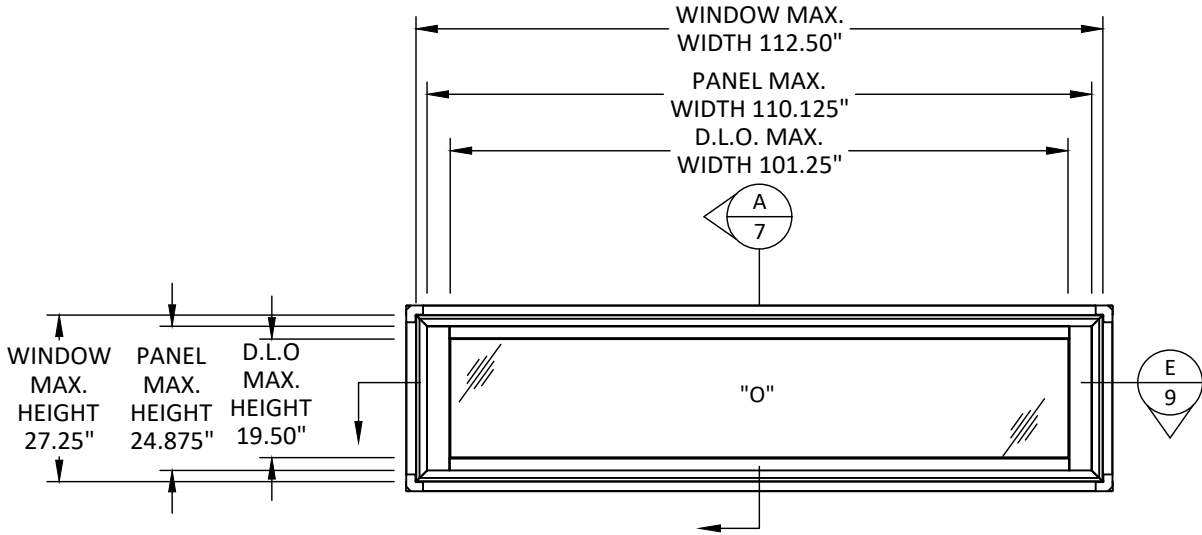
Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.08.14 20:52:48 -0400



FL #:	
FL14431	
DATE: 08.09.17	
DWG. BY: HR	CHK. BY: HFN
SCALE: NTS	
DWG. #: AWD123	
SHEET:	
1	
OF 12	

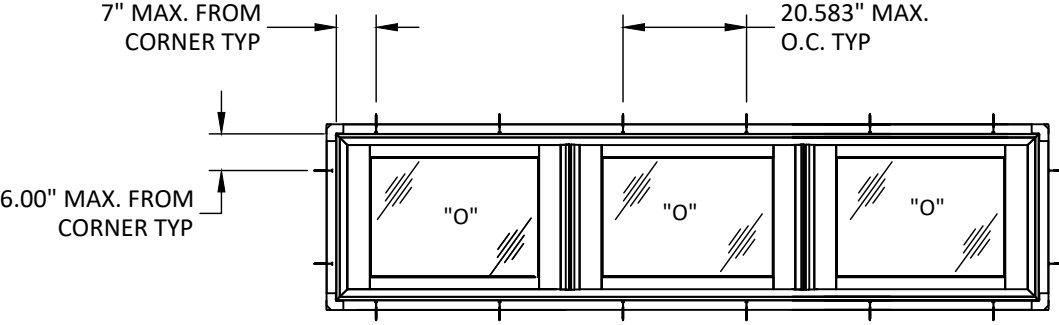
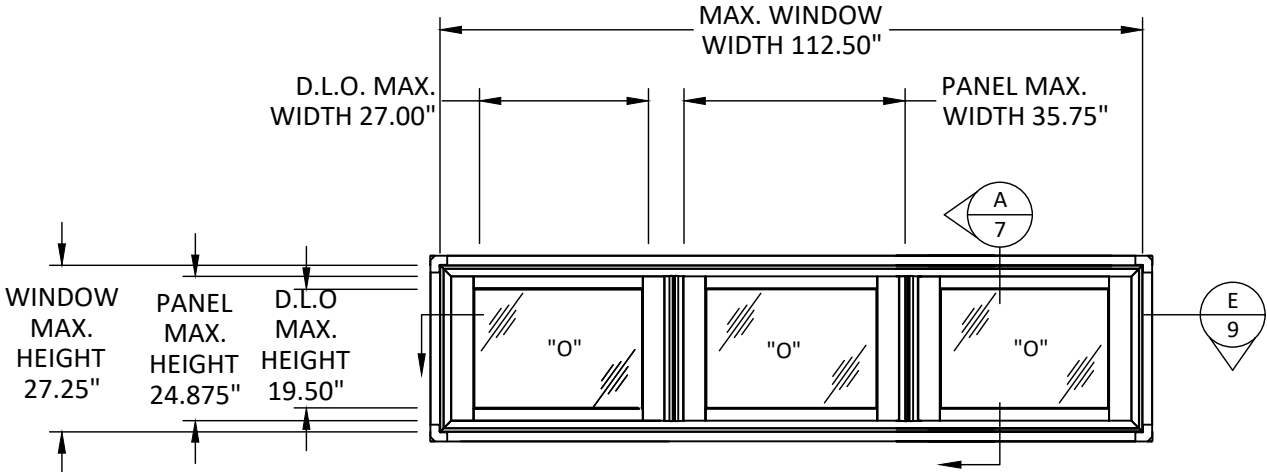
s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg 6/8/2023 5:37 PM

TRADITIONAL TRANSOM UNITS



ELEVATION

ANCHOR LAYOUT



ELEVATION

ANCHOR LAYOUT



ANDERSEN
WINDOWS & DOORS

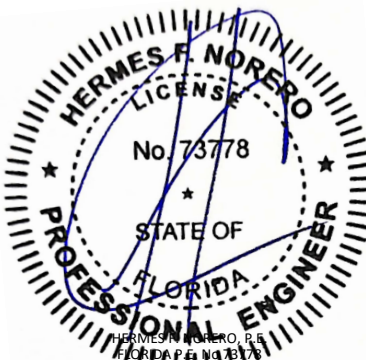
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)(NON-IMPACT)
ELEVATIONS & ANCHOR LAYOUTS

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

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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

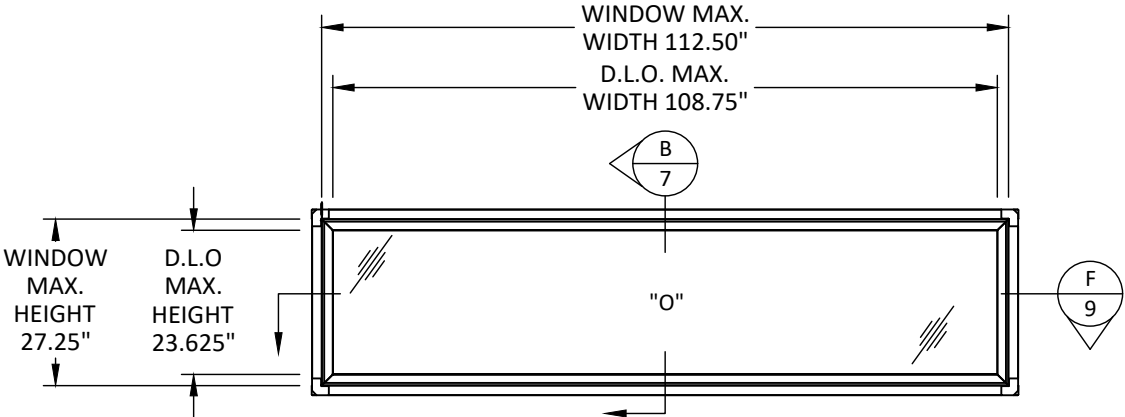


HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

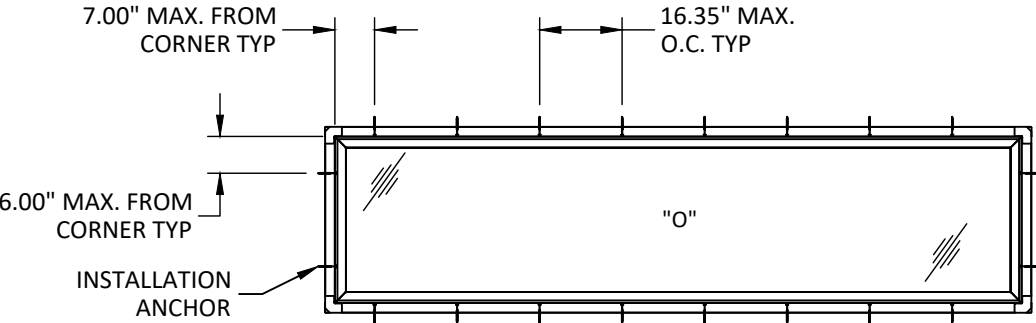
FL #:	FL14431
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD123
SHEET:	

s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg 6/8/2023 5:37 PM

CONTEMPORARY TRANSOM UNITS



ELEVATION



ANCHOR LAYOUT



ANDERSEN
WINDOWS & DOORS

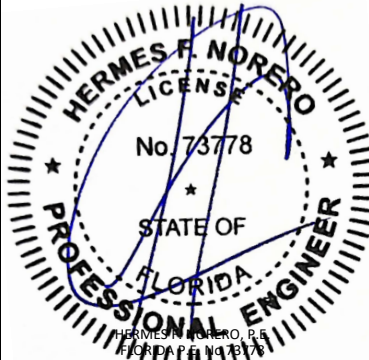
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)(NON-IMPACT)
ELEVATIONS & ANCHOR LAYOUTS

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

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL14431

DATE: **08.09.17**

DWG. BY:

HR

CHK. BY:

HFN

SCALE: **NTS**

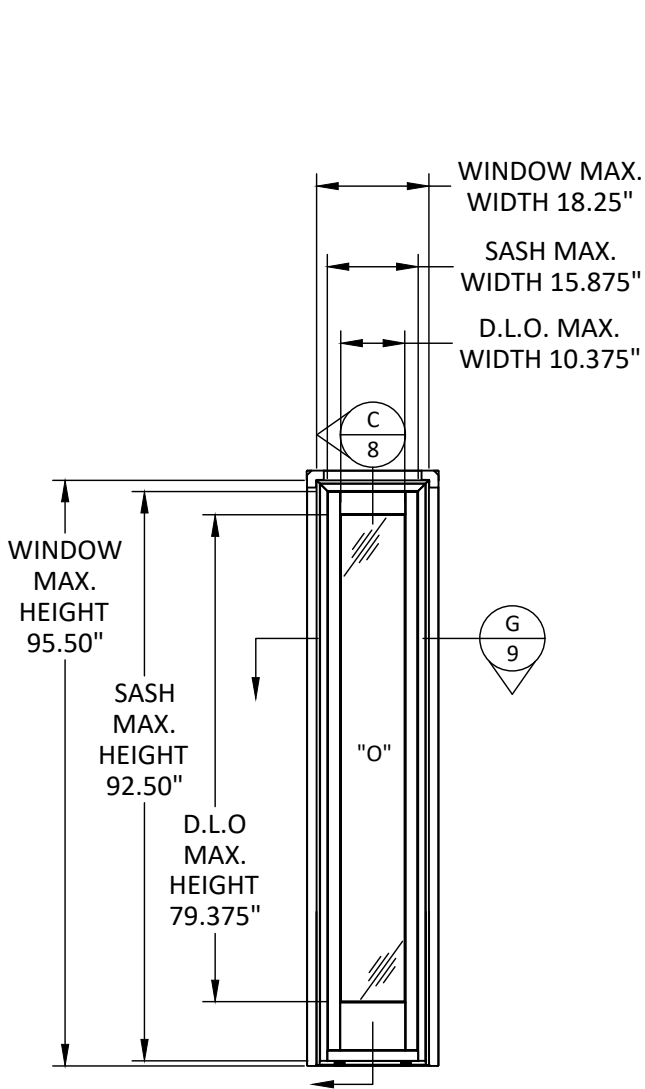
DWG. #: **AWD123**

SHEET:

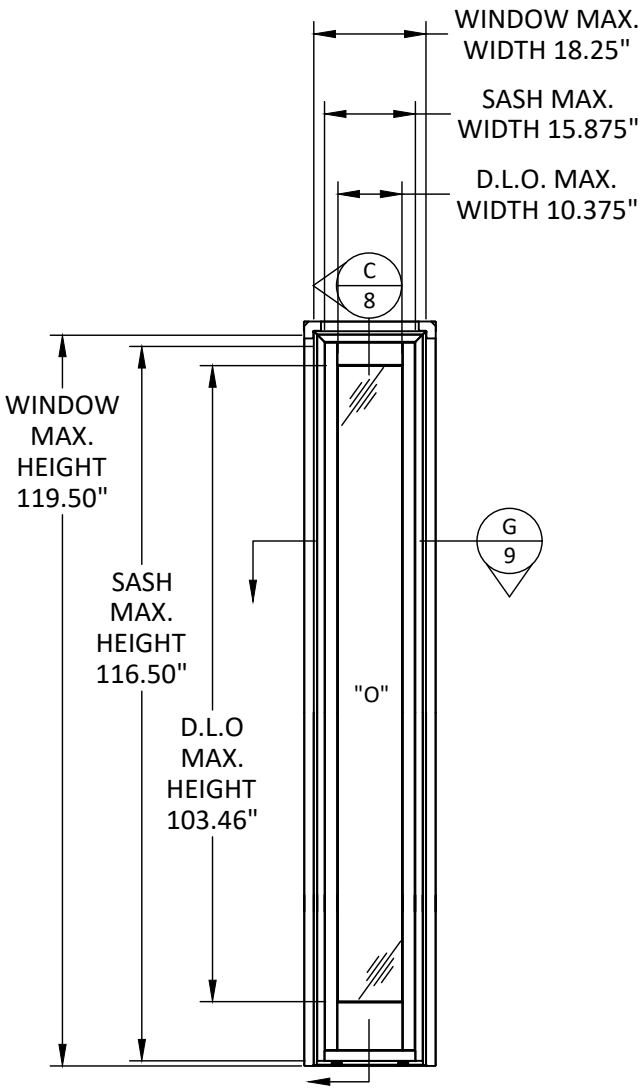
3

OF 12

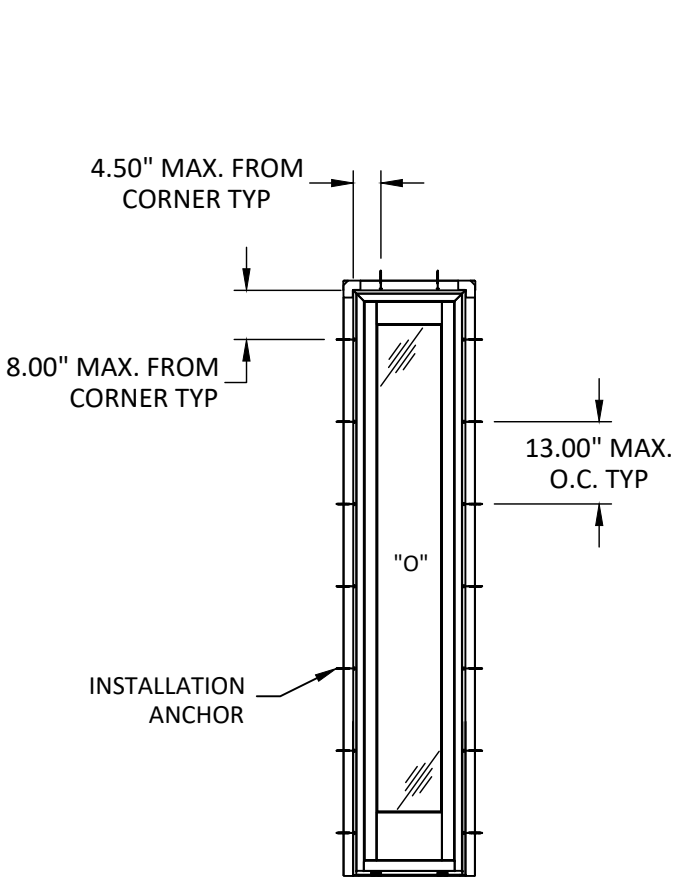
TRADITIONAL SIDELITE UNIT



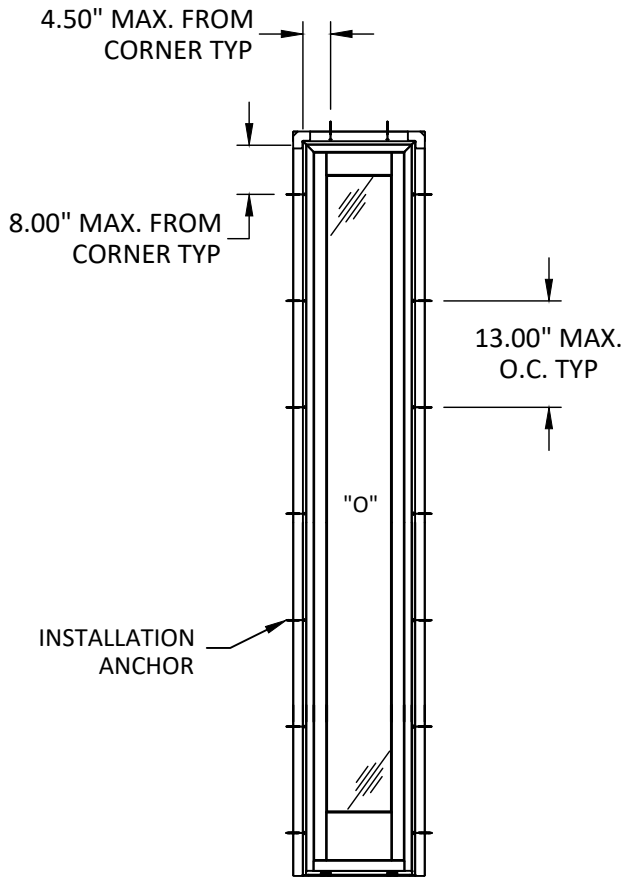
8' ELEVATION



10' ELEVATION



8' ANCHOR LAYOUT



10' ANCHOR LAYOUT

*NO ANCHORS AT SILL



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

TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
ELEVATIONS & ANCHOR LAYOUTS

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



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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 #: **FL14431**

DATE: **08.09.17**

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

SCALE: **NTS**

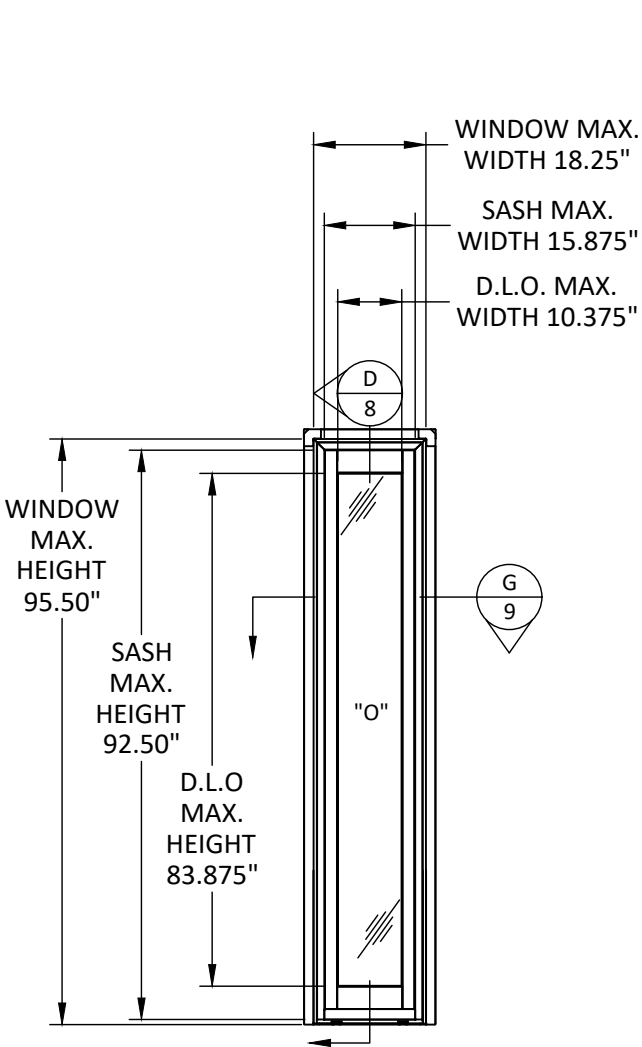
DWG. #: **AWD123**

SHEET:

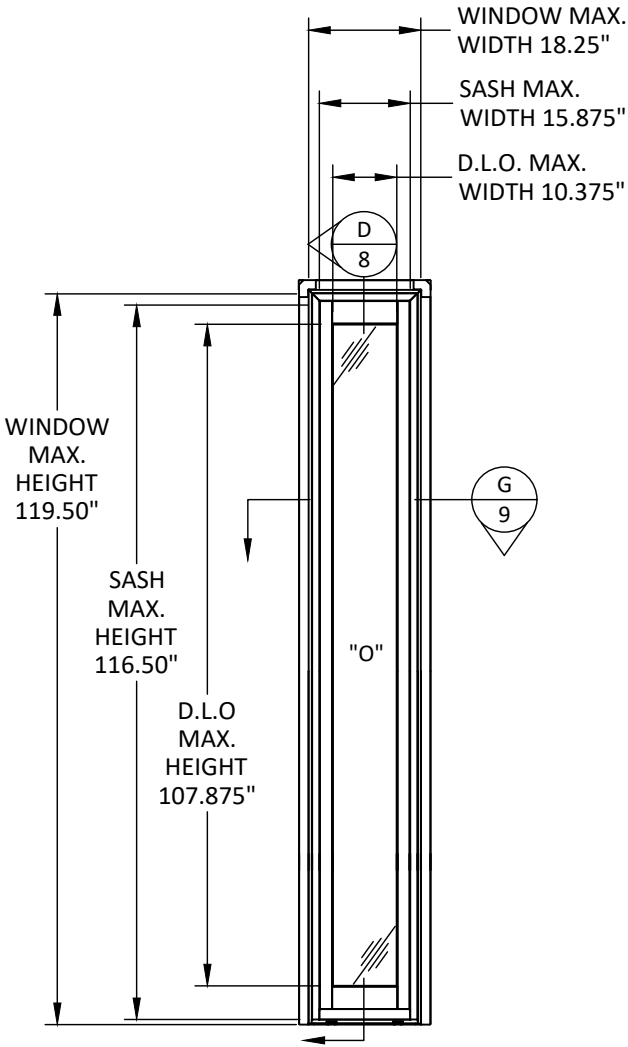
4

OF 12

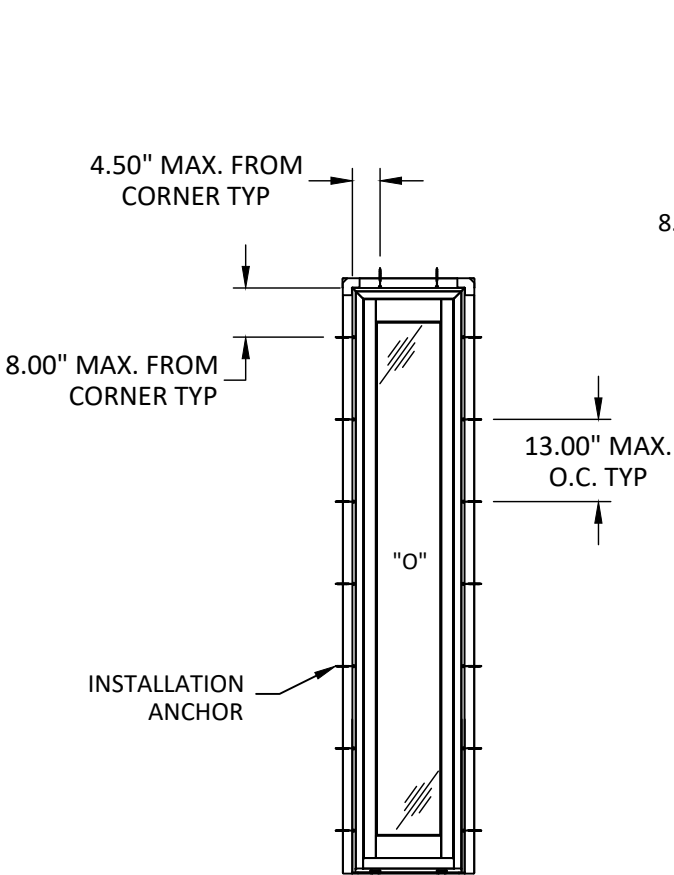
CONTEMPORARY SIDELITE UNIT



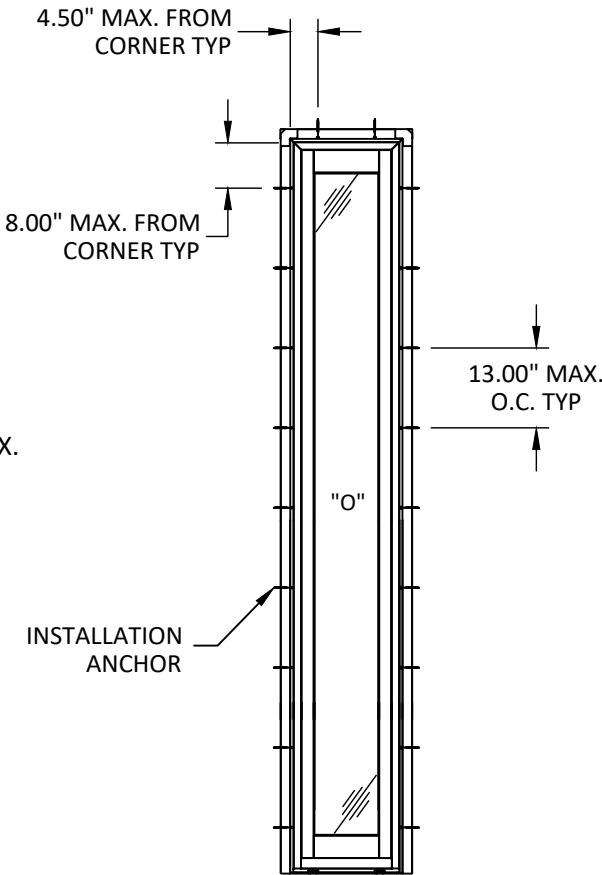
8' ELEVATION



10' ELEVATION



8' ANCHOR LAYOUT



10' ANCHOR LAYOUT

*NO ANCHORS AT SILL



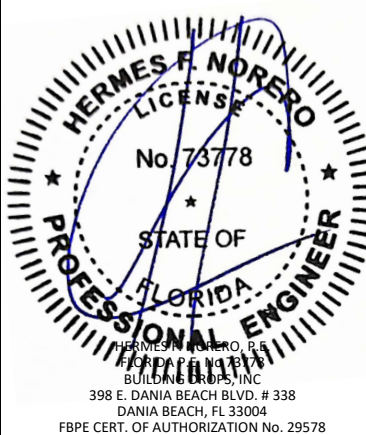
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
ELEVATIONS & ANCHOR LAYOUTS

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

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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

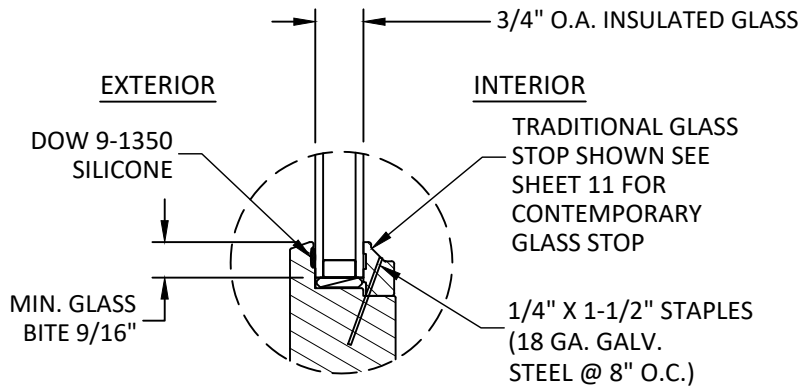


FL #:	FL14431
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD123
SHEET:	5

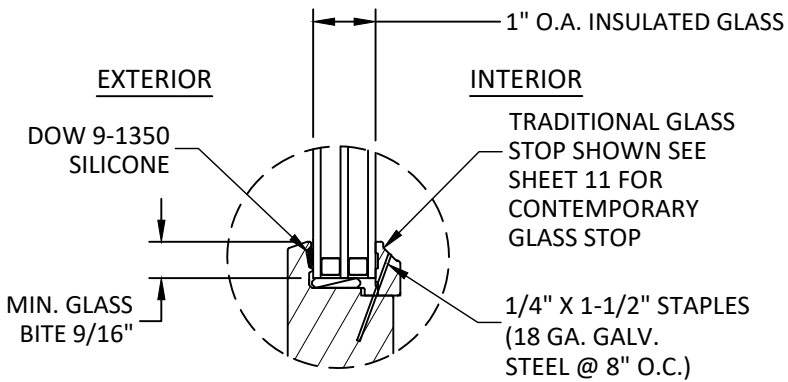
s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg 6/8/2023 5:37 PM

A-SERIES SIDELITE & TRANSOM UNITS				
CONFIGURATION	HEIGHT (IN.)	WIDTH (IN.)	DESIGN PRESSURE (PSF)	
			POS.	NEG.
O	27.25	112.375	70.0	80.0
OO	27.25	112.375	70.0	80.0
OOO	27.25	112.375	70.0	80.0
O	95.50	18.25	70.0	80.0
O	119.50	18.25	70.0	80.0

NOTE: ALL PRESSURES MEET
WATER INFILTRATION
REQUIREMENTS



GLAZING DETAIL 1



GLAZING DETAIL 2

- GLAZING NOTES:
1. GLAZING SHALL COMPLY 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.



ANDERSEN
WINDOWS & DOORS

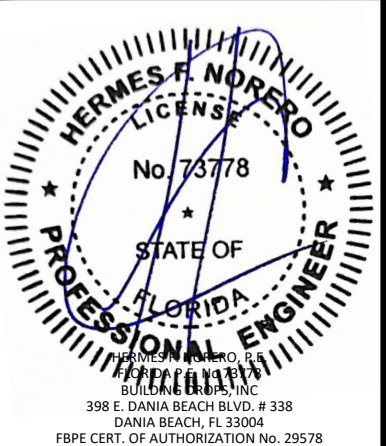
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
DP TABLES AND GLAZING DETAILS

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

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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 #:
FL14431

DATE: **08.09.17**

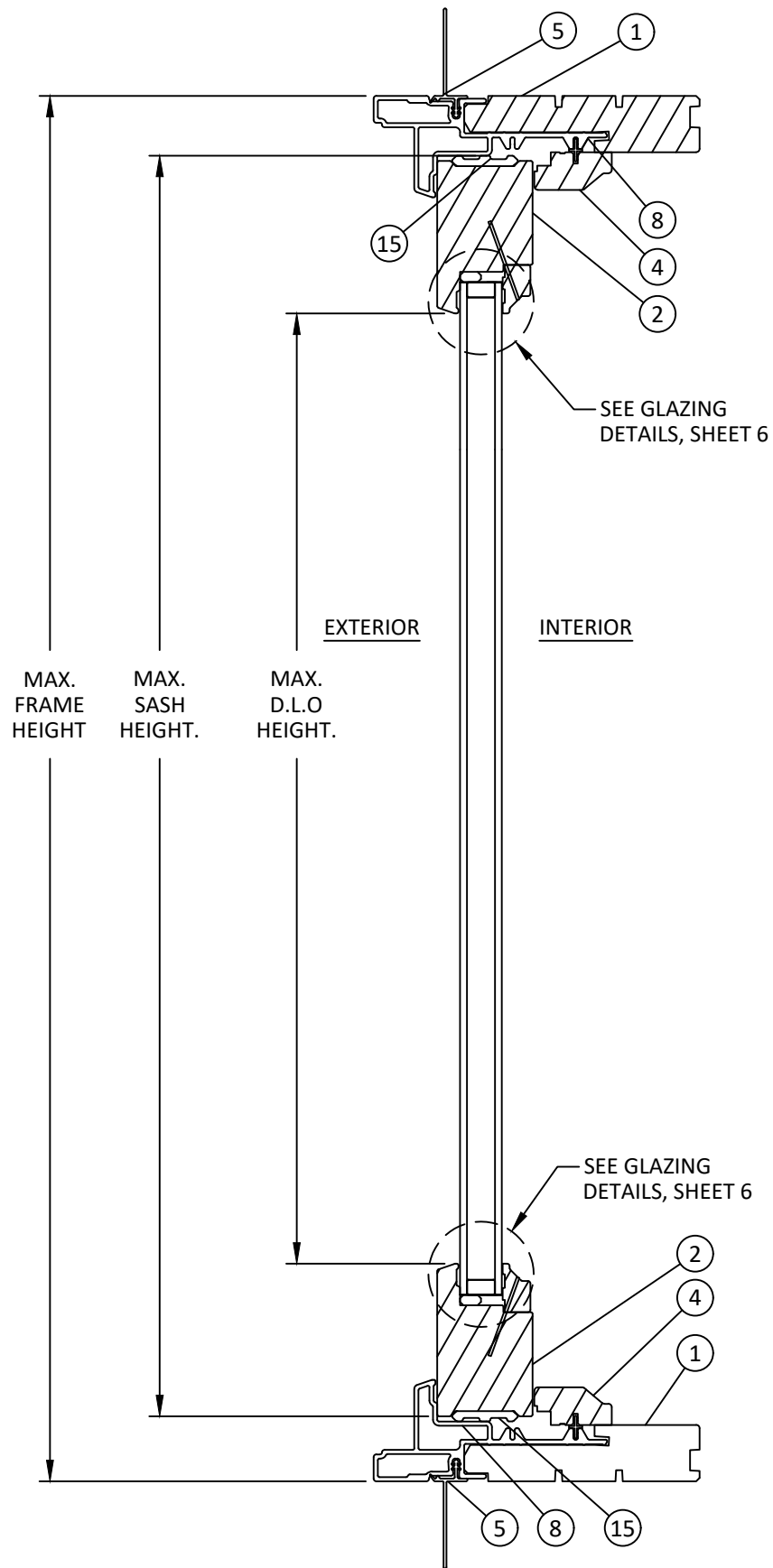
DWG. BY: HR	CHK. BY: HFN
-----------------------	------------------------

SCALE: **NTS**

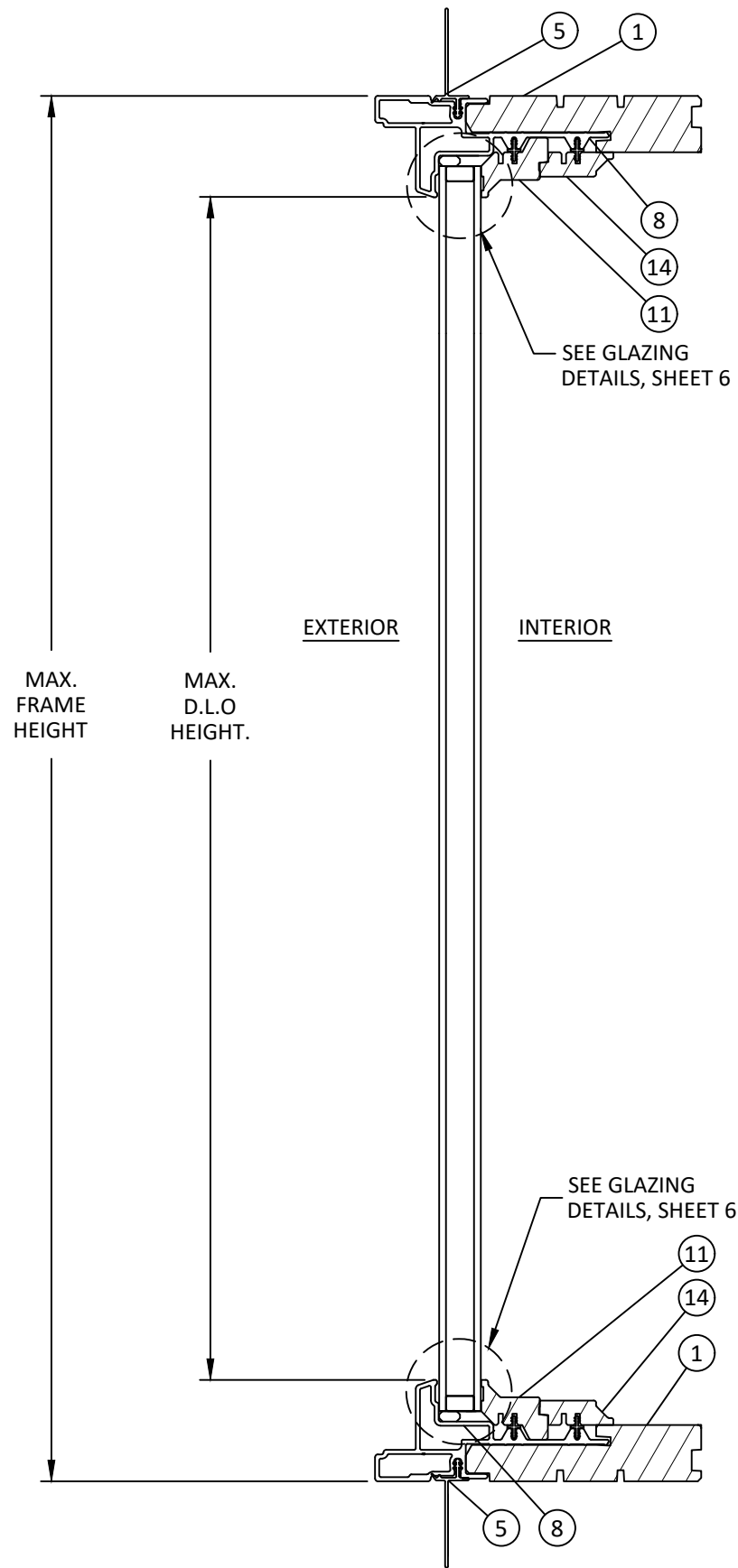
DWG. #: **AWD123**

SHEET:

s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg 6/8/2023 5:37 PM



A
7
VERTICAL SECTION
TRADITIONAL - TRANSOM
SASH SET



B
7
VERTICAL SECTION
CONTEMPORARY - TRANSOM
DIRECT SET



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

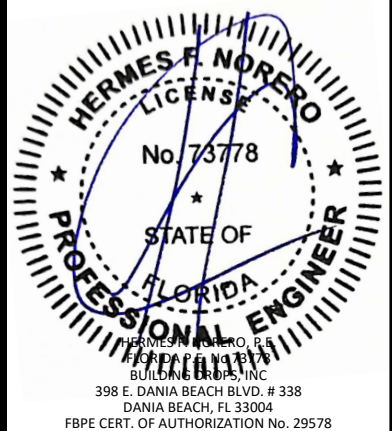
TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
VERTICAL SECTIONS

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



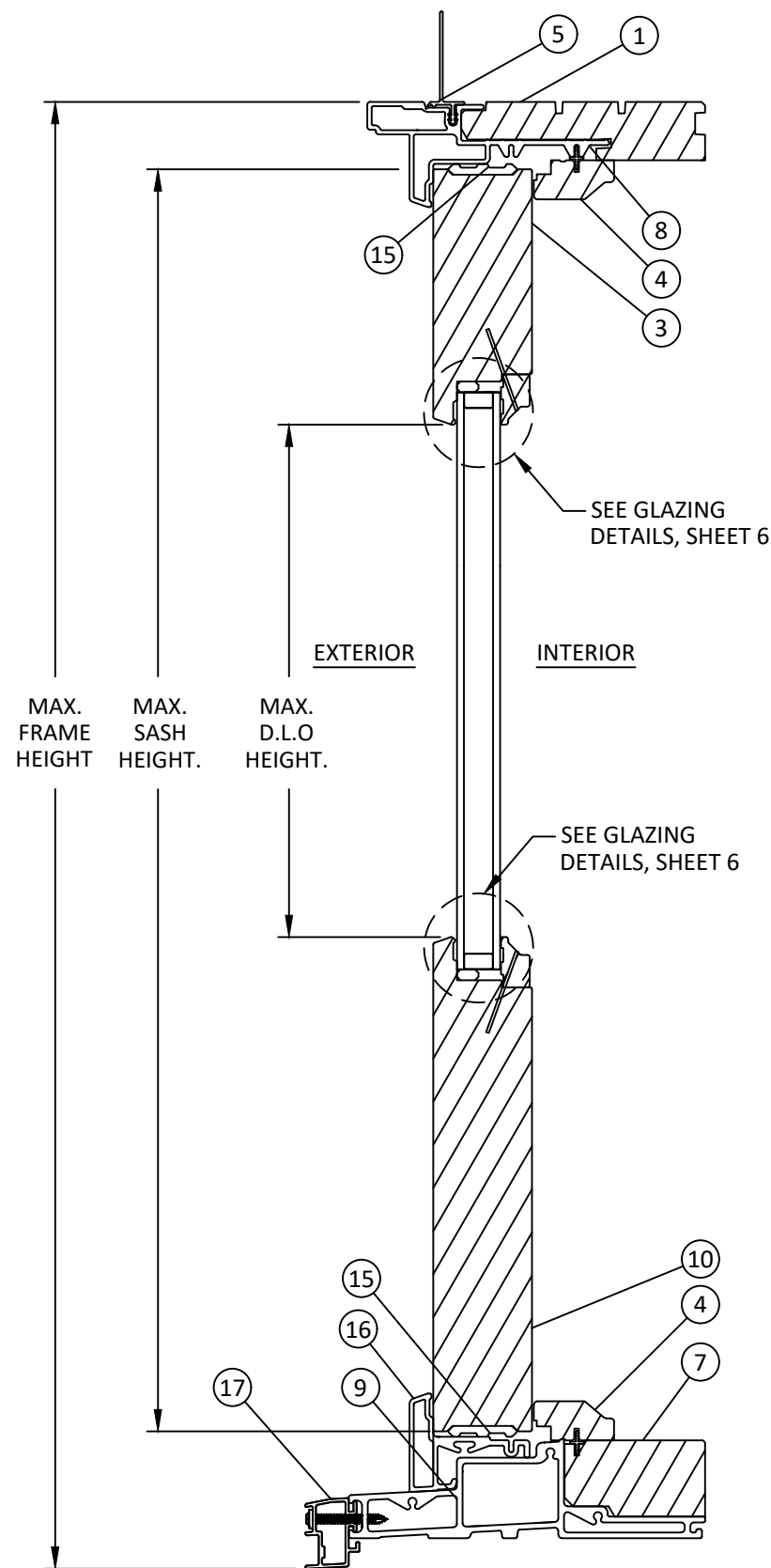
REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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

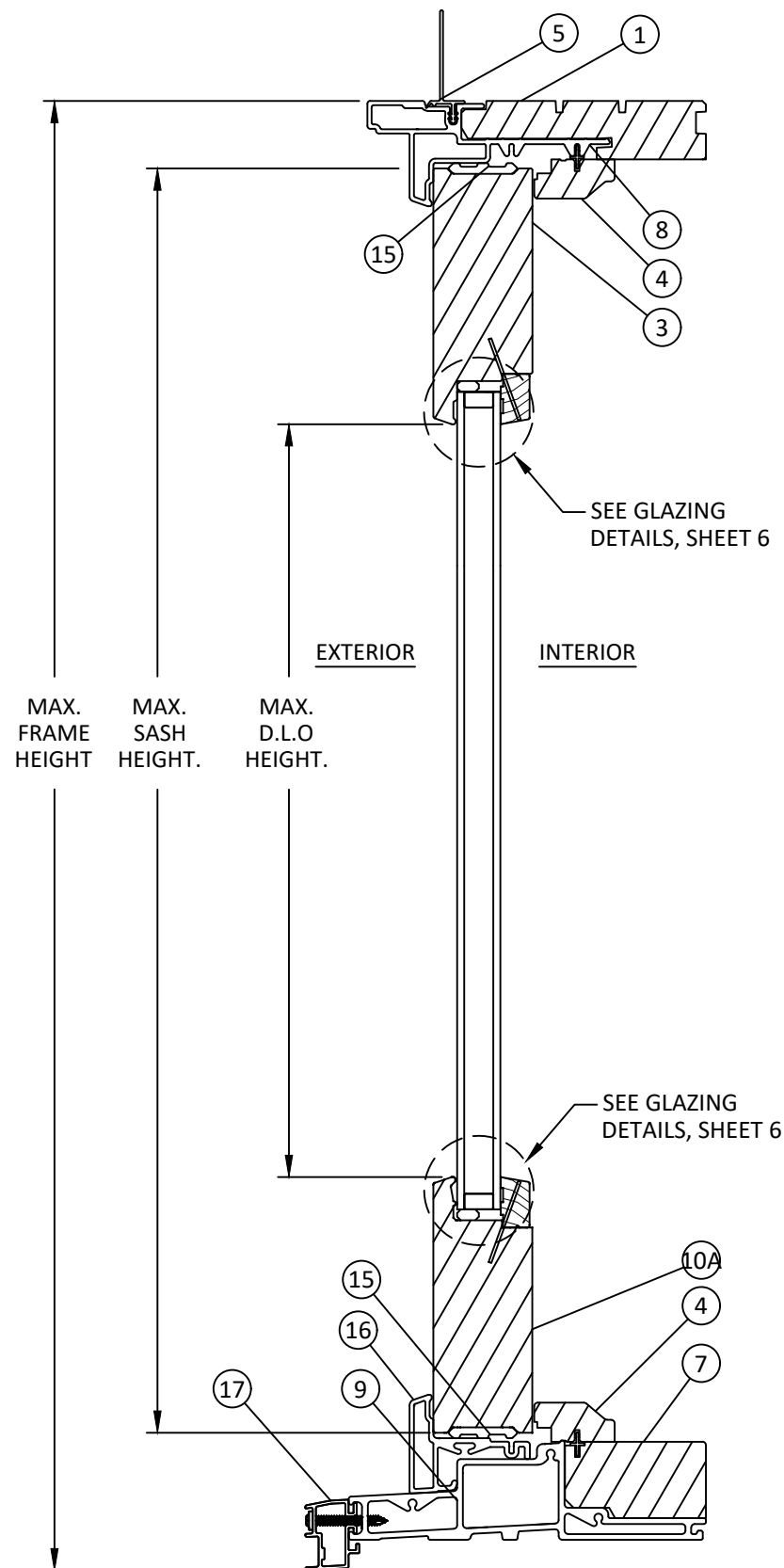


FL #:	FL14431
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD123
SHEET:	7

s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg 6/8/2023 5:37 PM



C
8 **VERTICAL SECTION**
TRADITIONAL - SIDELITE
W/ DROP CHANNEL SILL



D
8 **VERTICAL SECTION**
CONTEMPORARY - SIDELITE
W/ DROP CHANNEL SILL



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

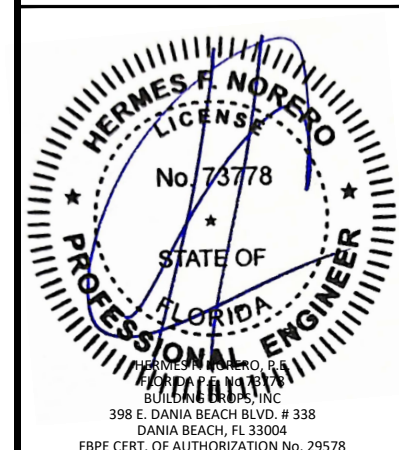
TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
VERTICAL SECTIONS

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



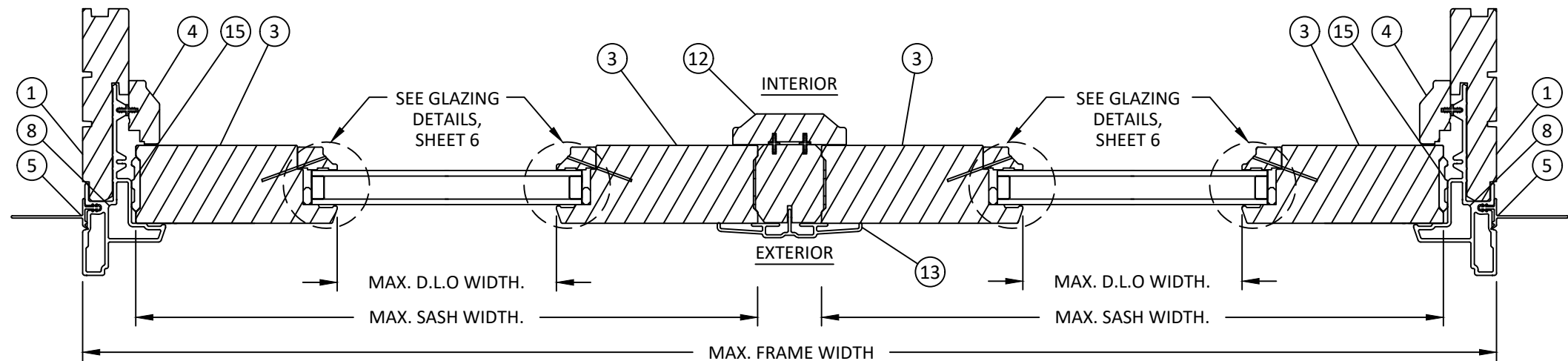
REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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

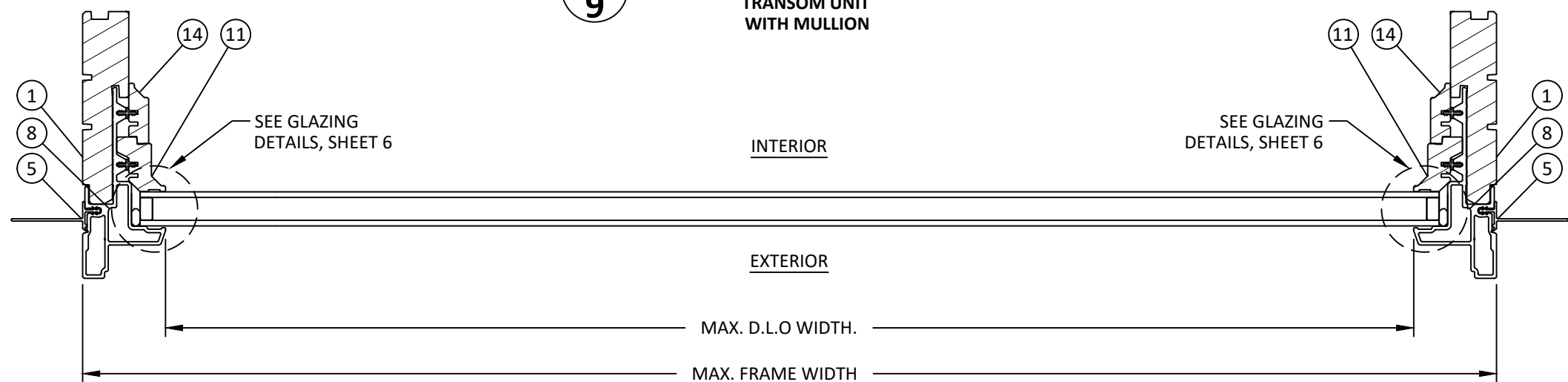


FL #:	FL14431
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD123
SHEET:	8

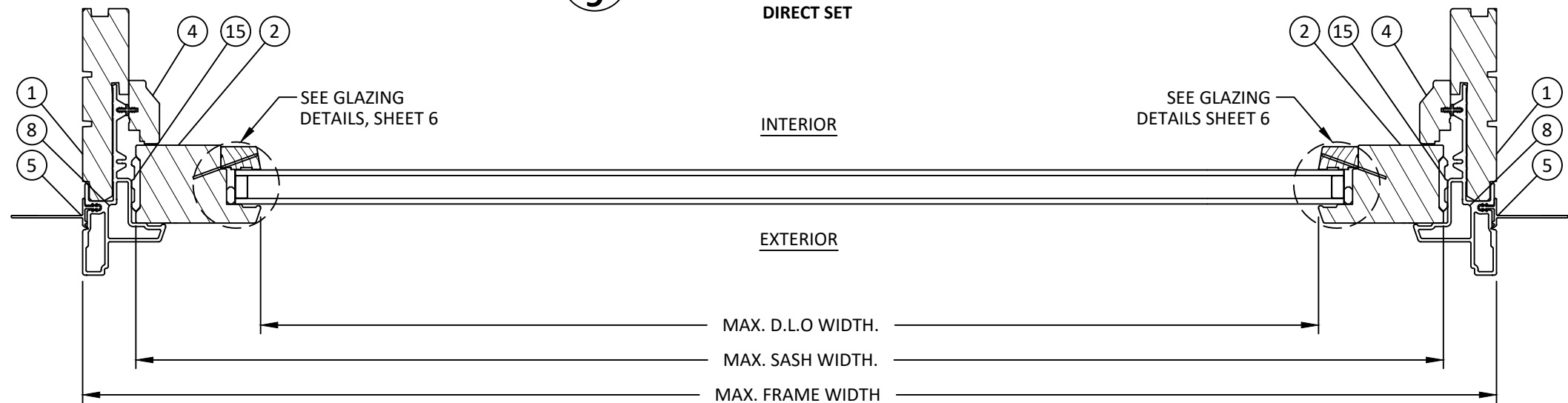
s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg 6/8/2023 5:37 PM



E
9 **HORIZONTAL SECTION**
TRANSOM UNIT WITH MULLION



F
9 **HORIZONTAL SECTION**
TRANSOM UNIT DIRECT SET



G
9 **HORIZONTAL SECTION**
SIDELITE & TRANSOM UNIT



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

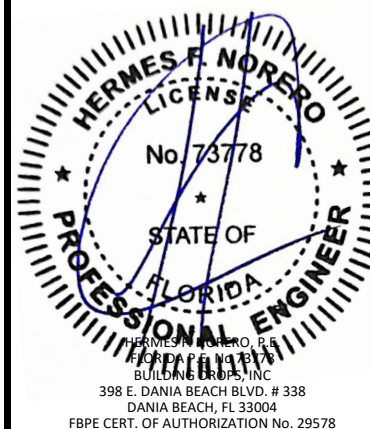
TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)(NON-IMPACT)
HORIZONTAL SECTIONS

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



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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 #:
FL14431

DATE: **08.09.17**

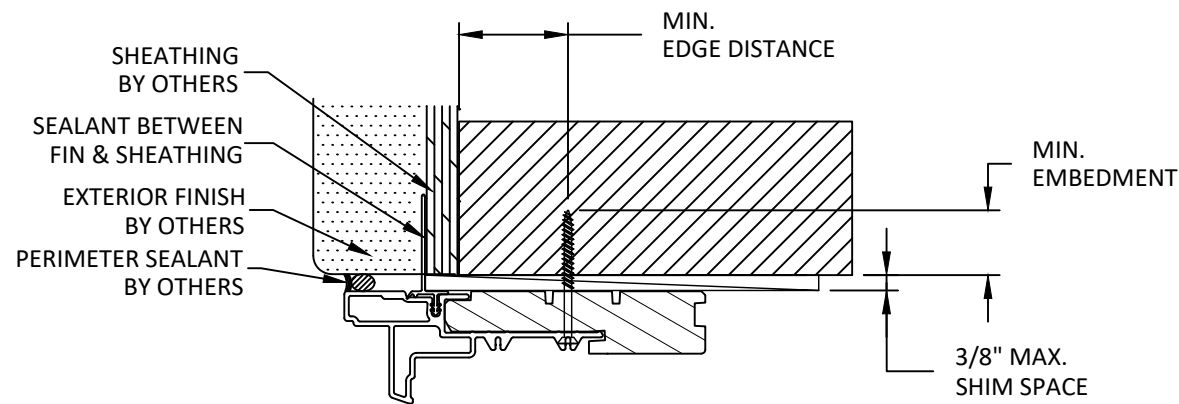
DWG. BY: **HR** CHK. BY: **HFN**

SCALE: **NTS**

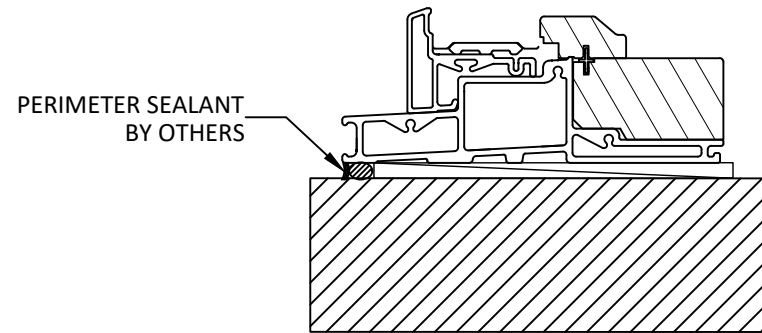
DWG. #: **AWD123**

SHEET:
9

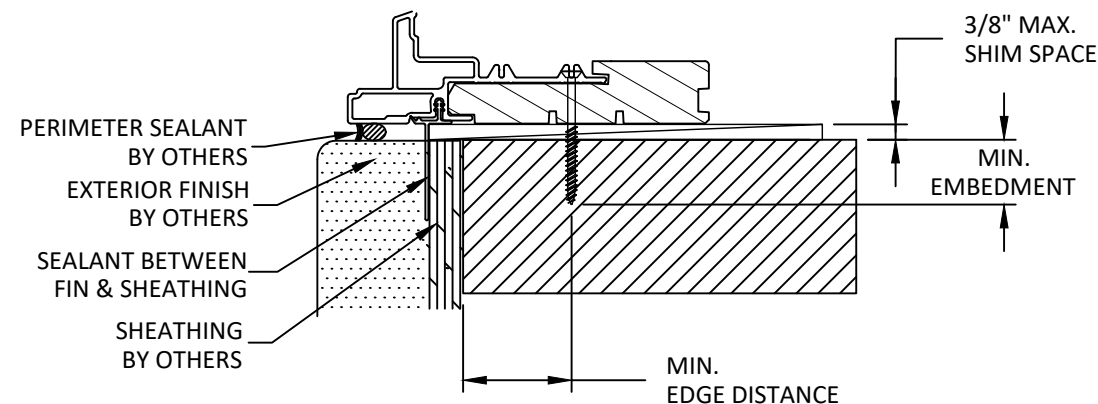
6/8/2023 5:37 PM
s:\projects\andersen windows\cc-23-0347 - fbc 2023 code change (8th edition)\dwgs\114431\awd123.dwg



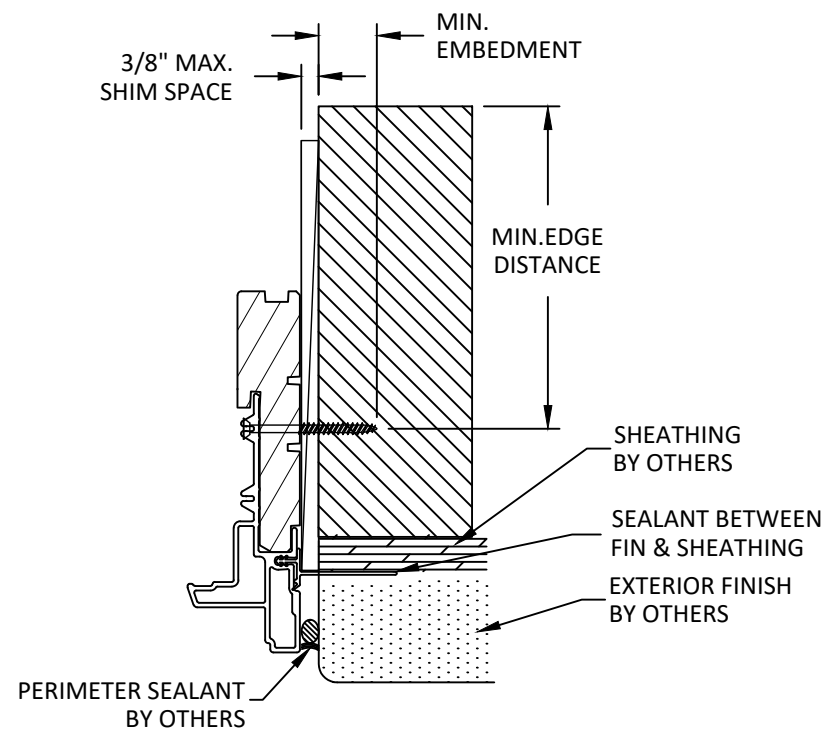
A
10 **VERTICAL SECTION**
HEAD - THROUGH FRAME INSTALLATION
SIDELITE/TRANSOM



B
10 **VERTICAL SECTION**
SILL - NO ANCHORS
SIDELITE



D
10 **VERTICAL SECTION**
SILL - THROUGH FRAME INSTALLATION
TRANSOM



C
10 **VERTICAL SECTION**
JAMB - THROUGH FRAME INSTALLATION
SIDELITE/TRANSOM

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME INSTALLATION	WOOD: MIN. SG = 0.55	#10 PAN HEAD WOOD SCREW	1.50"	0.75"
	METAL: 20 GAUGE STEEL, MIN. Fy = 36 KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	METAL: 1/8" ALUMINUM, MIN. (6063-T5)	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
	CONCRETE: f'c=3000PSI	3/16" ITW TAPCON FLAT HEAD	1.25"	1.50"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON FLAT HEAD	1.25"	2.00"



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

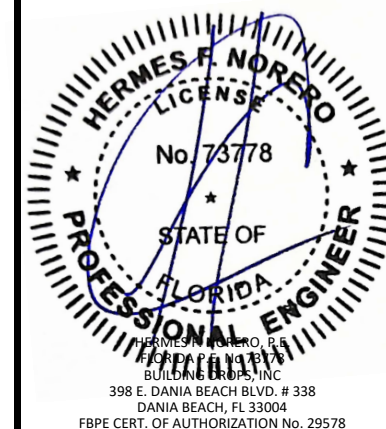
TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
ANCHOR DETAILS & SCHEDULE

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



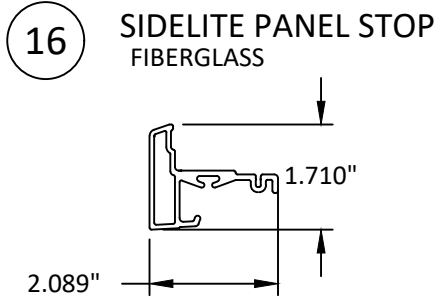
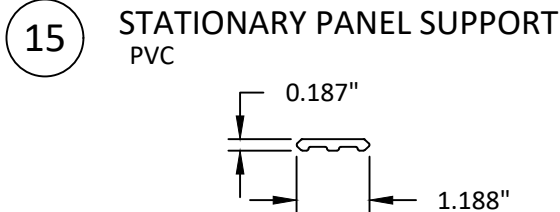
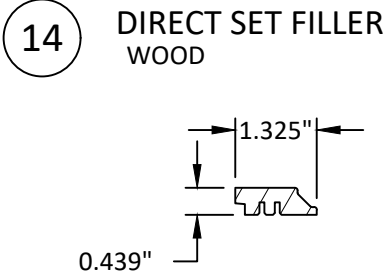
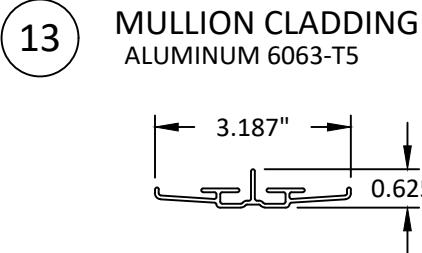
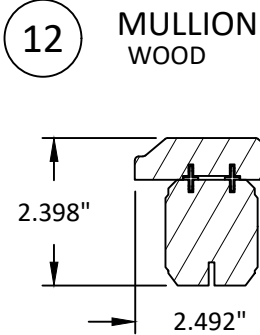
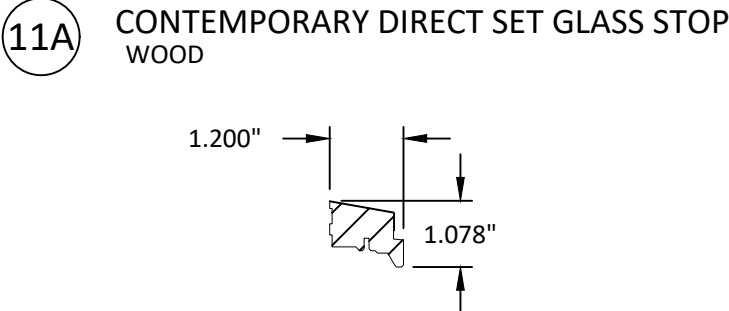
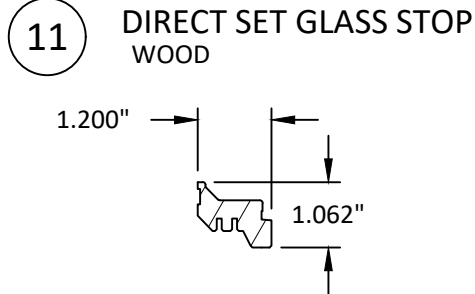
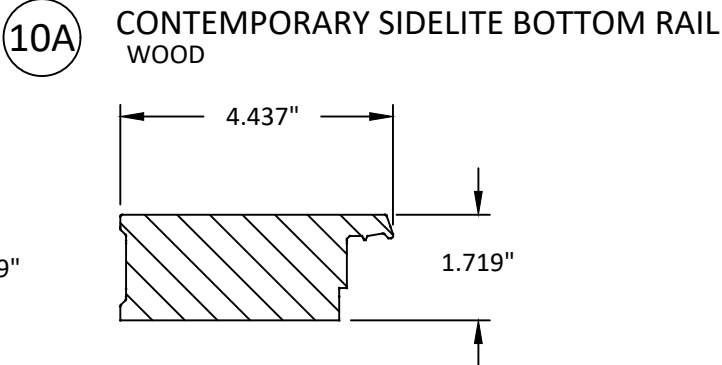
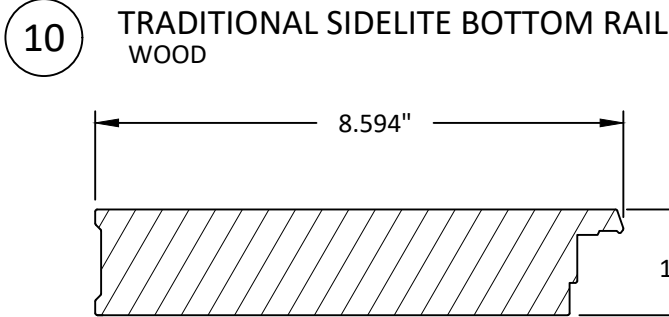
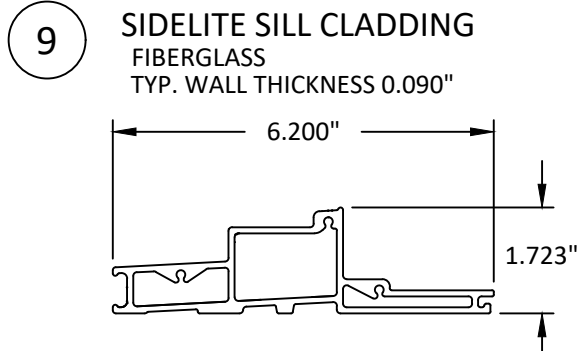
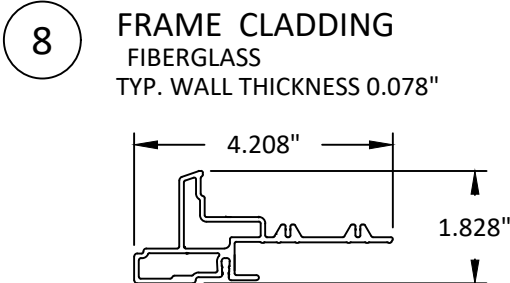
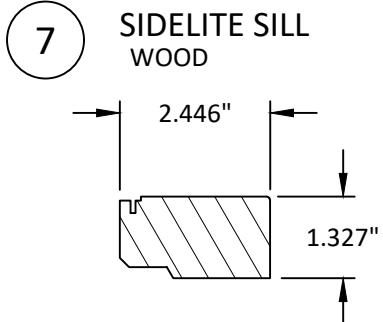
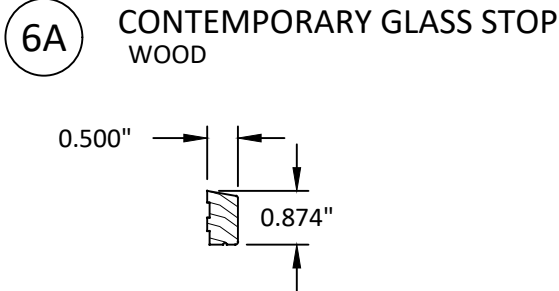
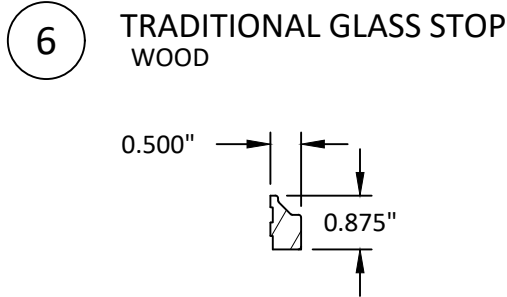
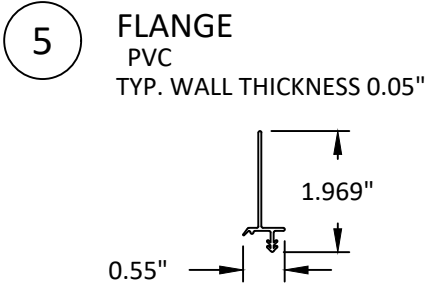
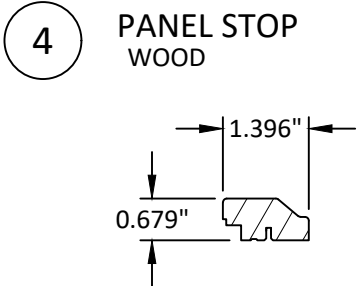
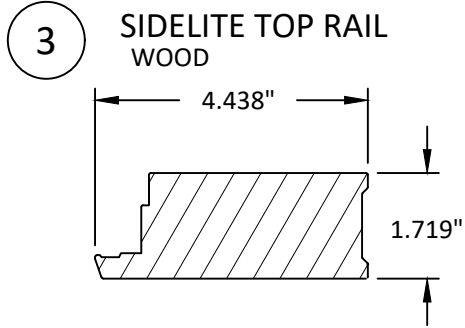
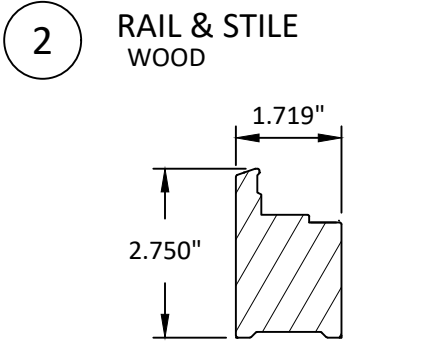
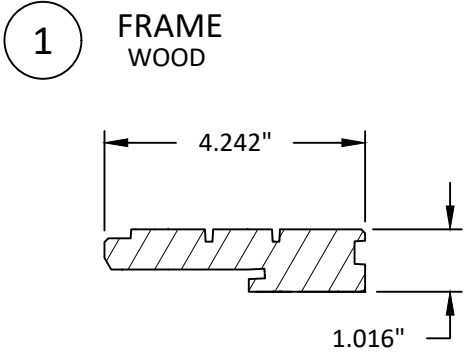
REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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 #:	FL14431
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD123
SHEET:	10

BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME	WOOD	ANDERSEN
2	RAIL & STILE	WOOD	ANDERSEN
3	SIDELITE TOP RAIL	WOOD	ANDERSEN
4	PANEL STOP	WOOD	ANDERSEN
5	FLANGE	PVC	ANDERSEN
6	TRADITIONAL GLASS STOP	WOOD	ANDERSEN
6A	CONTEMPORARY GLASS STOP	WOOD	ANDERSEN
7	SIDELITE SILL	WOOD	ANDERSEN
8	FRAME CLADDING	FIBERGLASS	ANDERSEN
9	SIDELITE SILL CLADDING	FIBERGLASS	ANDERSEN
10	TRADITIONAL SIDELITE BOTTOM RAIL	WOOD	ANDERSEN
10A	CONTEMPORARY SIDELITE BOTTOM RAIL	WOOD	ANDERSEN
11	DIRECT SET GLASS STOP	WOOD	ANDERSEN
11A	CONTEMPORARY DIRECT SET GLASS STOP	WOOD	ANDERSEN
12	MULLION	WOOD	ANDERSEN
13	MULLION CLADDING	ALUMINUM 6063-T5	ANDERSEN
14	DIRECT SET FILLER	WOOD	ANDERSEN
15	STATIONARY PANEL SUPPORT	PVC	ANDERSEN
16	SIDELITE PANEL STOP	FIBERGLASS	ANDERSEN
17	DROP-CHANNEL	ALUMINUM 6063-T5	ANDERSEN
18	GLAZING STOP MONO	WOOD	ANDERSEN
18A	CONTEMPORARY GLAZING STOP MONO	WOOD	ANDERSEN



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

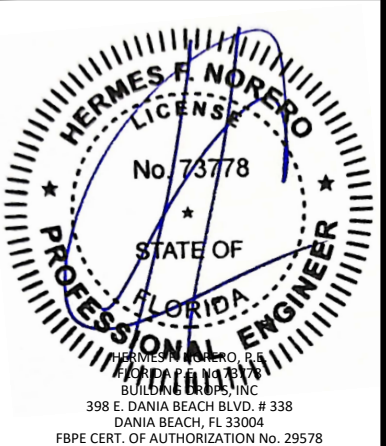
TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)(NON-IMPACT)
BOM AND COMPONENTS

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



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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 #:
FL14431

DATE: **08.09.17**

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

SCALE: **NTS**

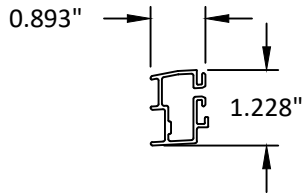
DWG. #: **AWD123**

SHEET:

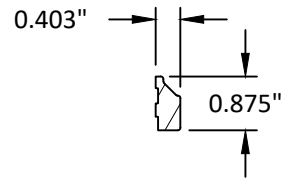
11

OF 12

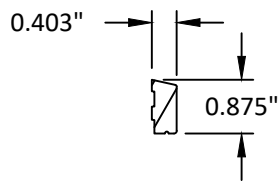
17 DROP CHANNEL
ALUMINUM 6063-T5



18 GLAZING STOP 1" I.G.
WOOD



18A CONTEMPORARY GLAZING STOP 1" I.G.
WOOD





ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

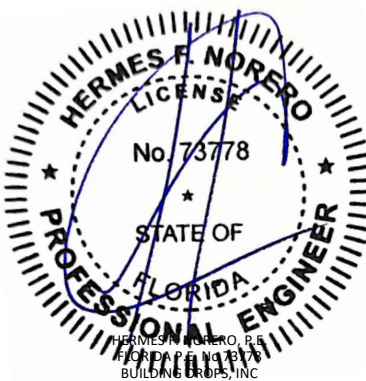
TITLE: A-SERIES PATIO DOOR
SIDELITE AND TRANSOM WITH
PG UPGRADE
(HVHZ)/(NON-IMPACT)
COMPONENTS

PREPARED BY:
 BUILDING DROPS

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

REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.7.23
8TH FBC CODE CHANGE	SH	6.8.23

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.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL14431**

DATE: **08.09.17**

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

SCALE: **NTS**

DWG. #: **AWD123**

SHEET:

12

OF 12