

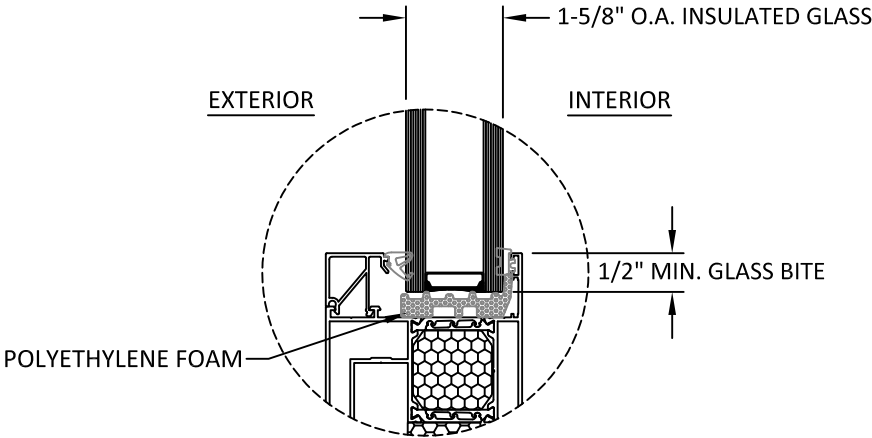
c:\users\daniel\trabajo\building drops, Inc.\building drops landing - documents\common\projects\yawal usa\fb-c-25-0110 - fb-c submittal - dp 180 thermally broken aluminum sliding door.dwg yw001.dwg 3/19/2025 11:48 AM

YAWAL USA

DP 180 THERMALLY BROKEN ALUMINUM SLIDING DOOR (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. DOOR FRAME MATERIAL: ALUMINUM 6063-T5
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL 1

GLAZING NOTES:

1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAIL
2	ELEVATION AND QUALIFIED CONFIGURATIONS
3	ANCHOR LAYOUT
4	VERTICAL SECTIONS
5	VERTICAL SECTION
6	HORIZONTAL SECTION
7	INSTALLATION NOTES AND ANCHOR DETAILS

DESIGN PRESSURE RATING			
FRAME SIZE	CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
240" X 120"	OXX	+/- 40 PSF	NON-IMPACT

NOTE: RATED FOR WATER UP TO POSITIVE DESIGN PRESSURE OF +40 PSF.



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN ALUMINUM SLIDING DOOR (NON-HVHZ) (NON-IMPACT)

GENERAL NOTES & GLAZING DETAIL

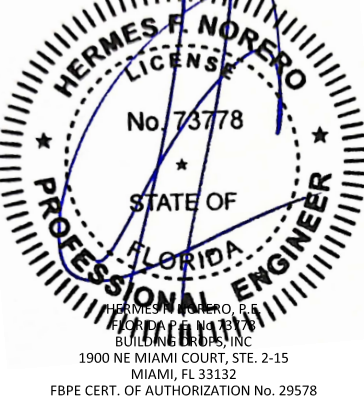
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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: 2025.03.31 13:40:09 -0400



FL #: FL47388

DATE: 02.17.25

DWG. BY: DB
CHK. BY: HFN

SCALE: NTS

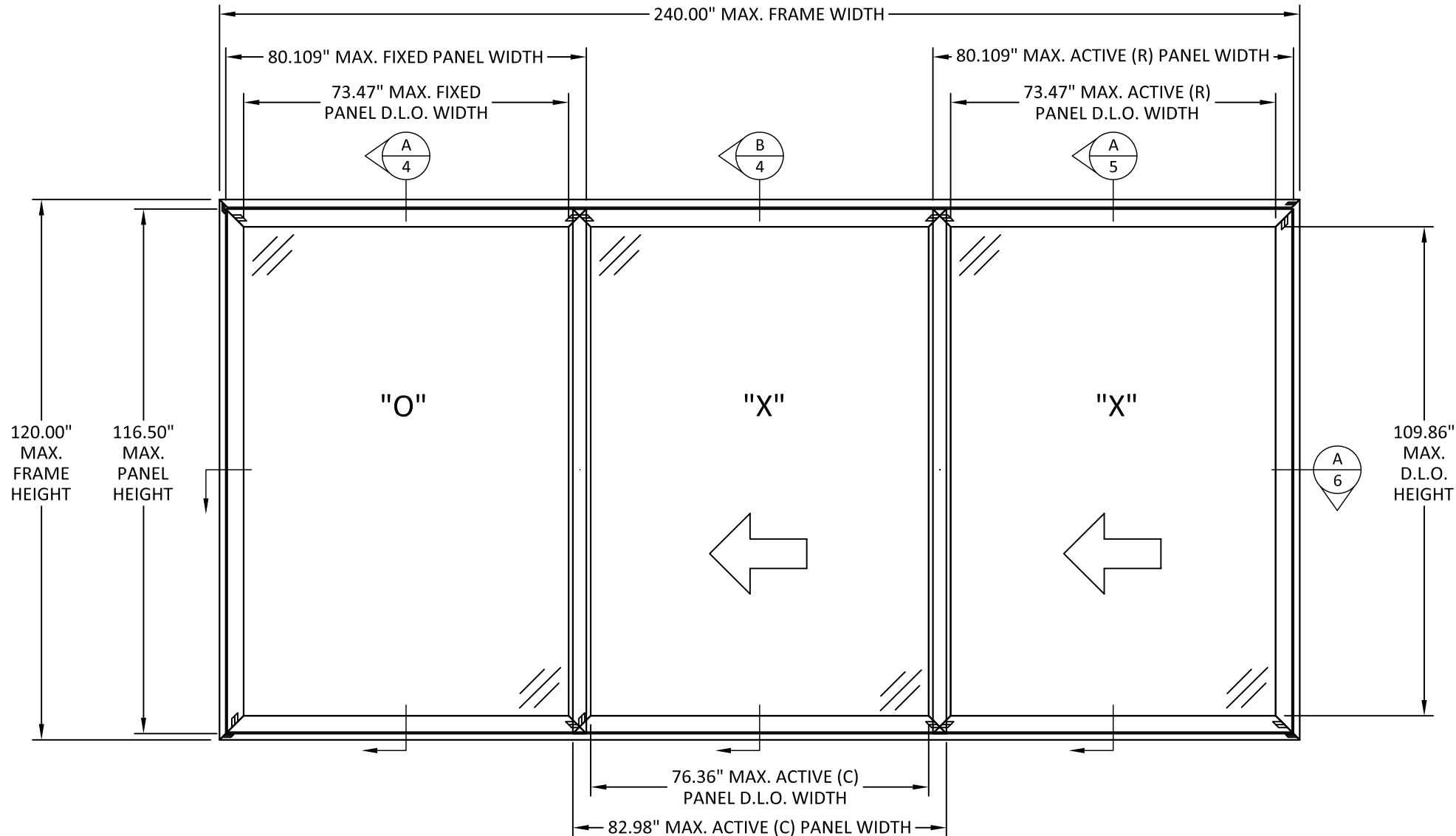
DWG. #: YWL001

SHEET:

1

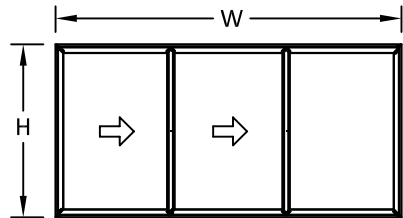
OF 7

c:\users\danielbuitrago\building drops, inc\building drops landing - documents\common\projects\yawal usa\fbc submittal - dp 180 thermally broken aluminum sliding door.dwg
3/19/2025 11:48 AM

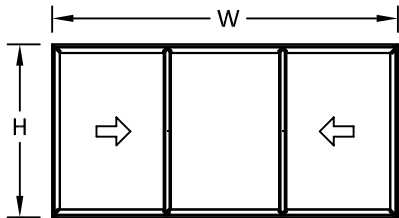


ELEVATION

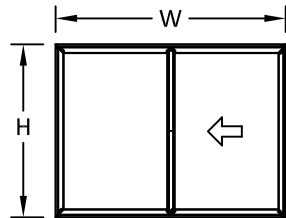
QUALIFIED CONFIGURATIONS



XXO



XOX



OX/XO



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN
ALUMINUM SLIDING DOOR
(NON-HVHZ) (NON-IMPACT)

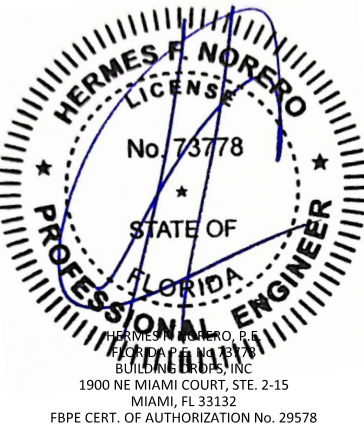
ELEVATION AND QUALIFIED
CONFIGURATIONS

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



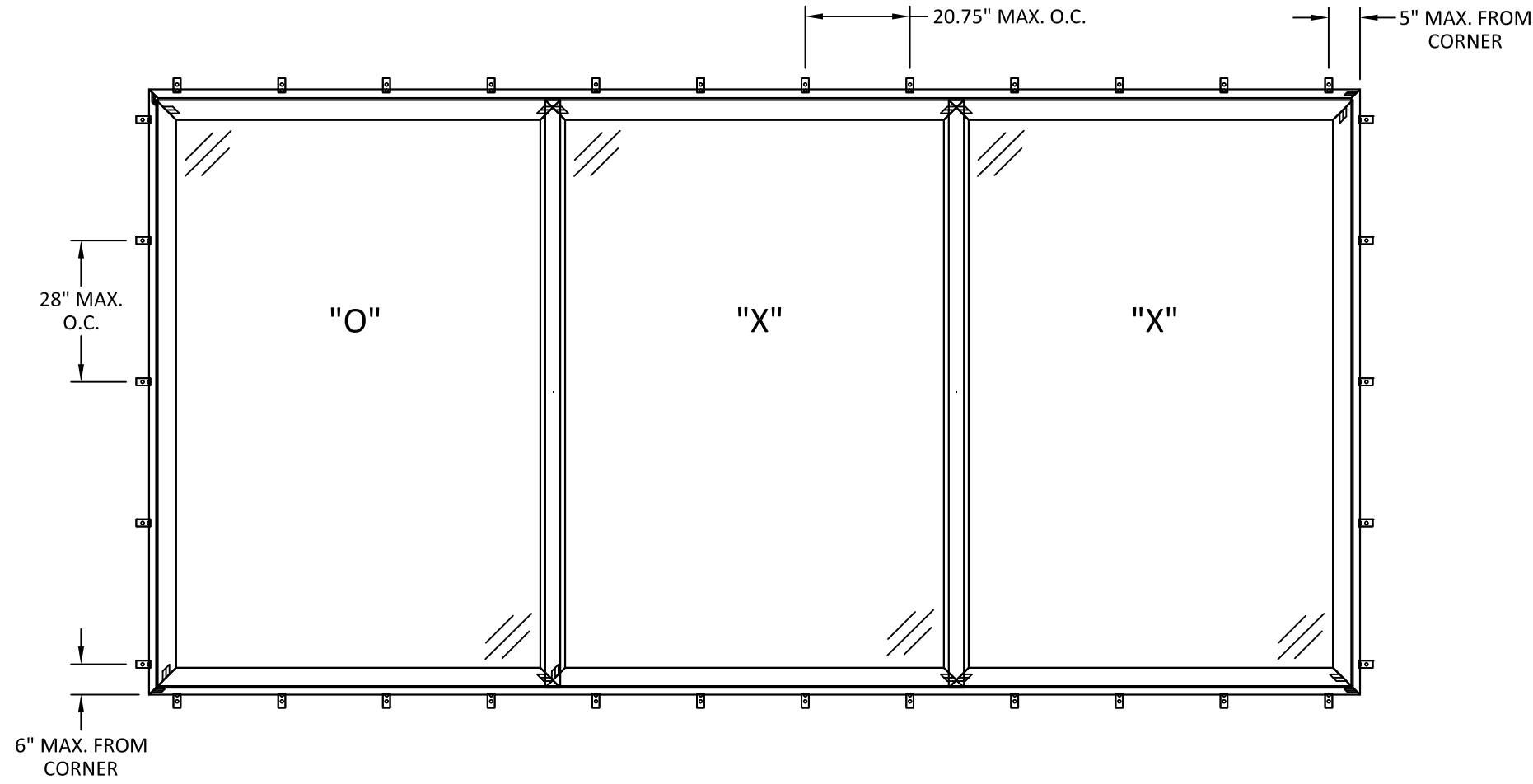
REMARKS	BY	DATE

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 #:	FL47388
DATE:	02.17.25
DWG. BY:	CHK. BY:
DB	HFN
SCALE:	NTS
DWG. #:	YWL001
SHEET:	2
	OF 7

c:\users\danielbuitrago\building drops, inc\building drops landing - documents\common\projects\yawal usa\fbc submittal - dp 180 thermally broken aluminum sliding door.dwg
3/19/2025 11:48 AM



ANCHOR LAYOUT
CLIP INSTALLATION



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN
ALUMINUM SLIDING DOOR
(NON-HVHZ) (NON-IMPACT)

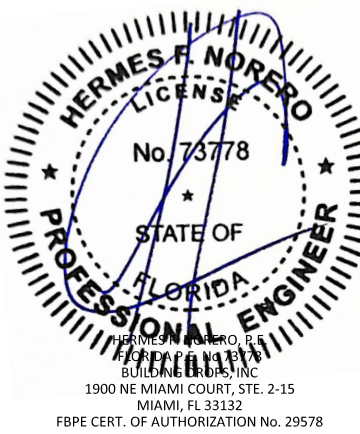
ANCHOR LAYOUT

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



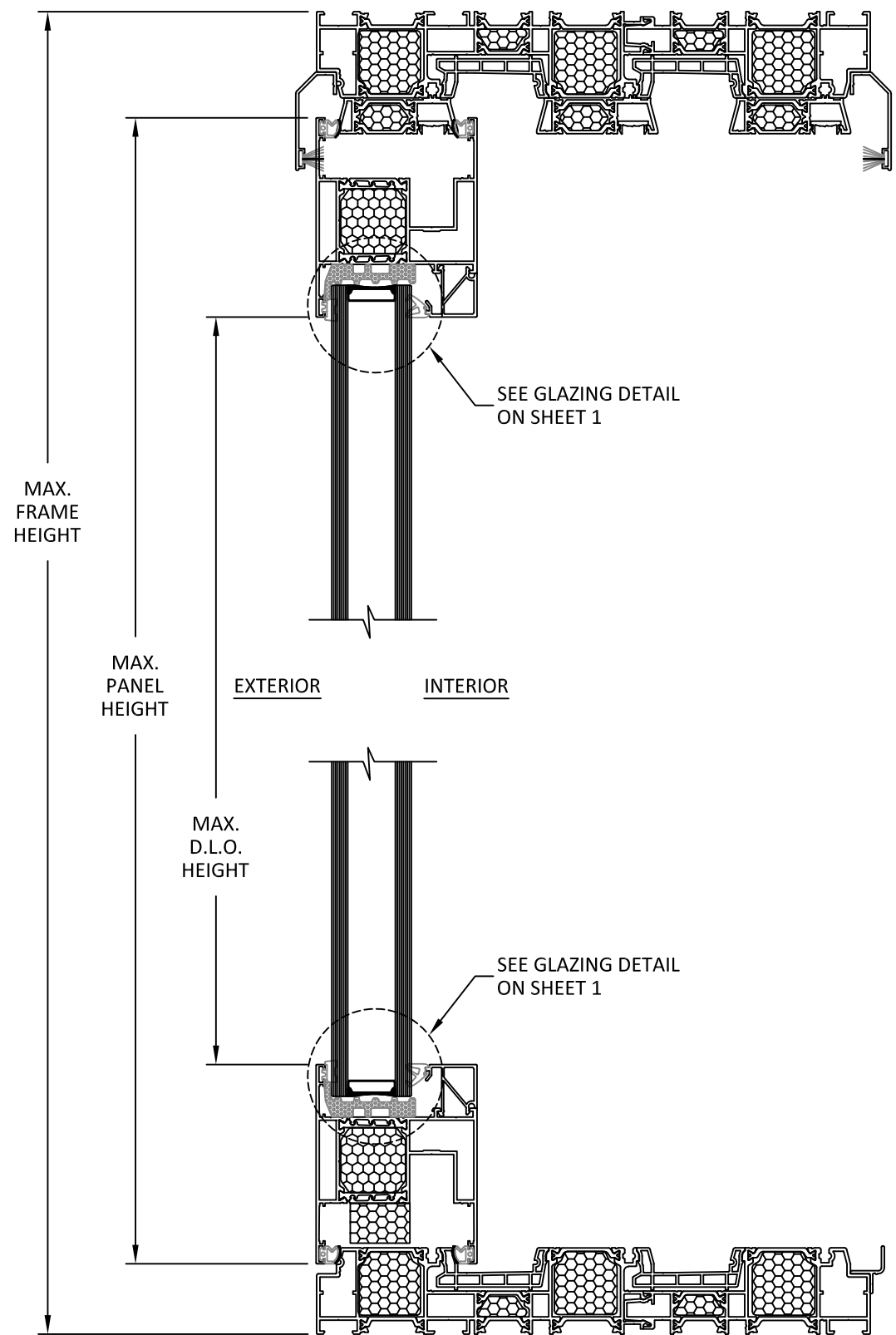
REMARKS	BY	DATE

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.

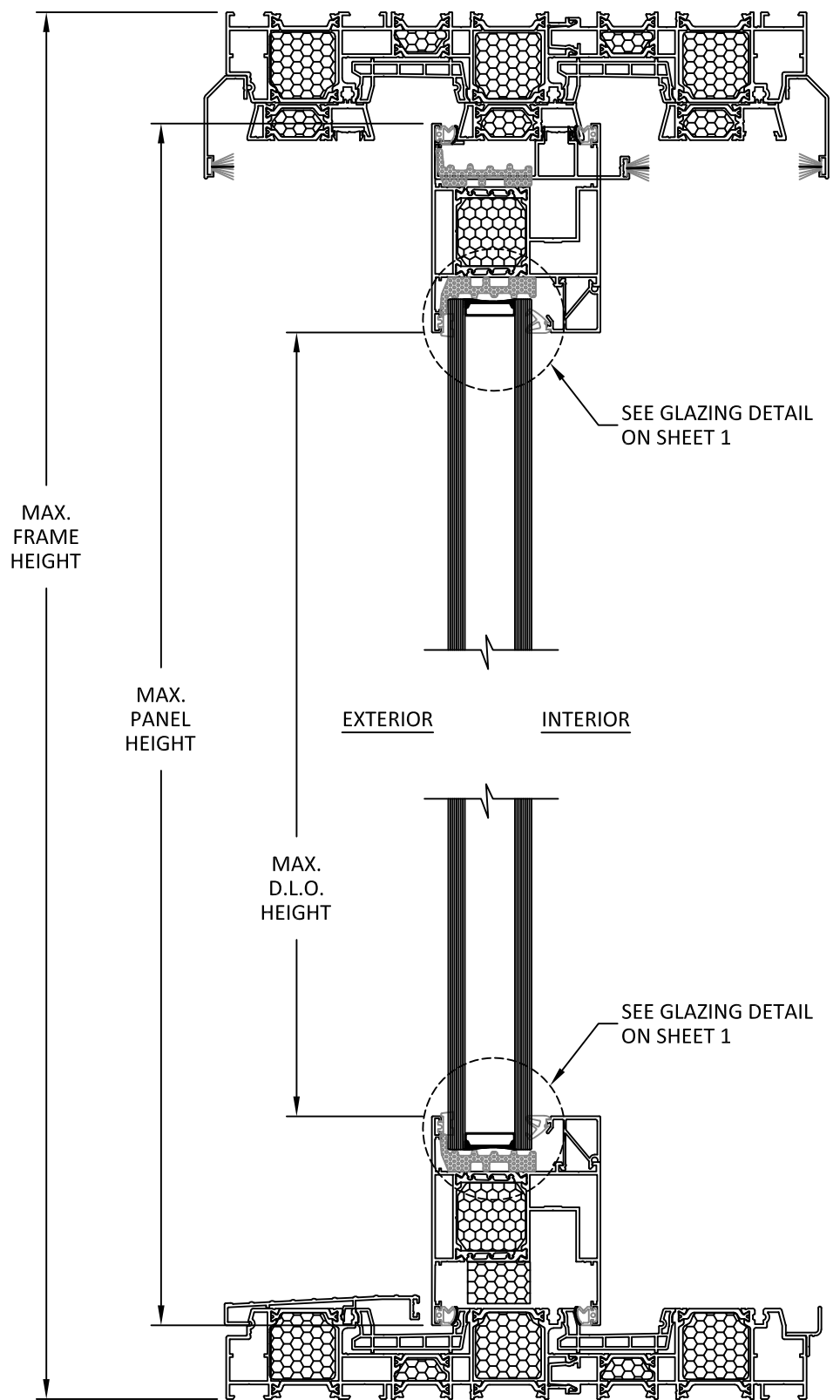


FL #:		FL47388
DATE:		02.17.25
DWG. BY:	CHK. BY:	
DB	HFN	
SCALE:		NTS
DWG. #:		YWL001
SHEET:		3

c:\users\danielb\trago\building drops, inc.\building drops landing - documents\common\projects\yawal usa\the-25-0110 - fbc submittal - dp 180 thermally broken aluminum sliding door.dwg 3/19/2025 11:48 AM



A
4 VERTICAL SECTION
FIXED PANEL



B
4 VERTICAL SECTION
ACTIVE PANEL (CENTER)



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN ALUMINUM SLIDING DOOR (NON-HVHZ) (NON-IMPACT)

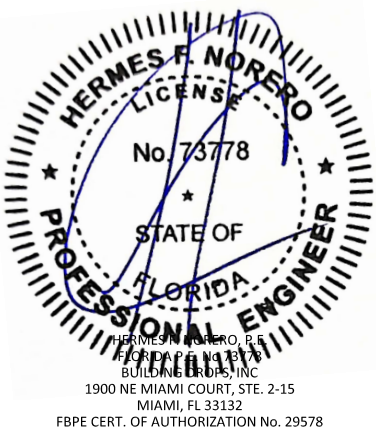
VERTICAL SECTIONS

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

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 #: **FL47388**

DATE: **02.17.25**

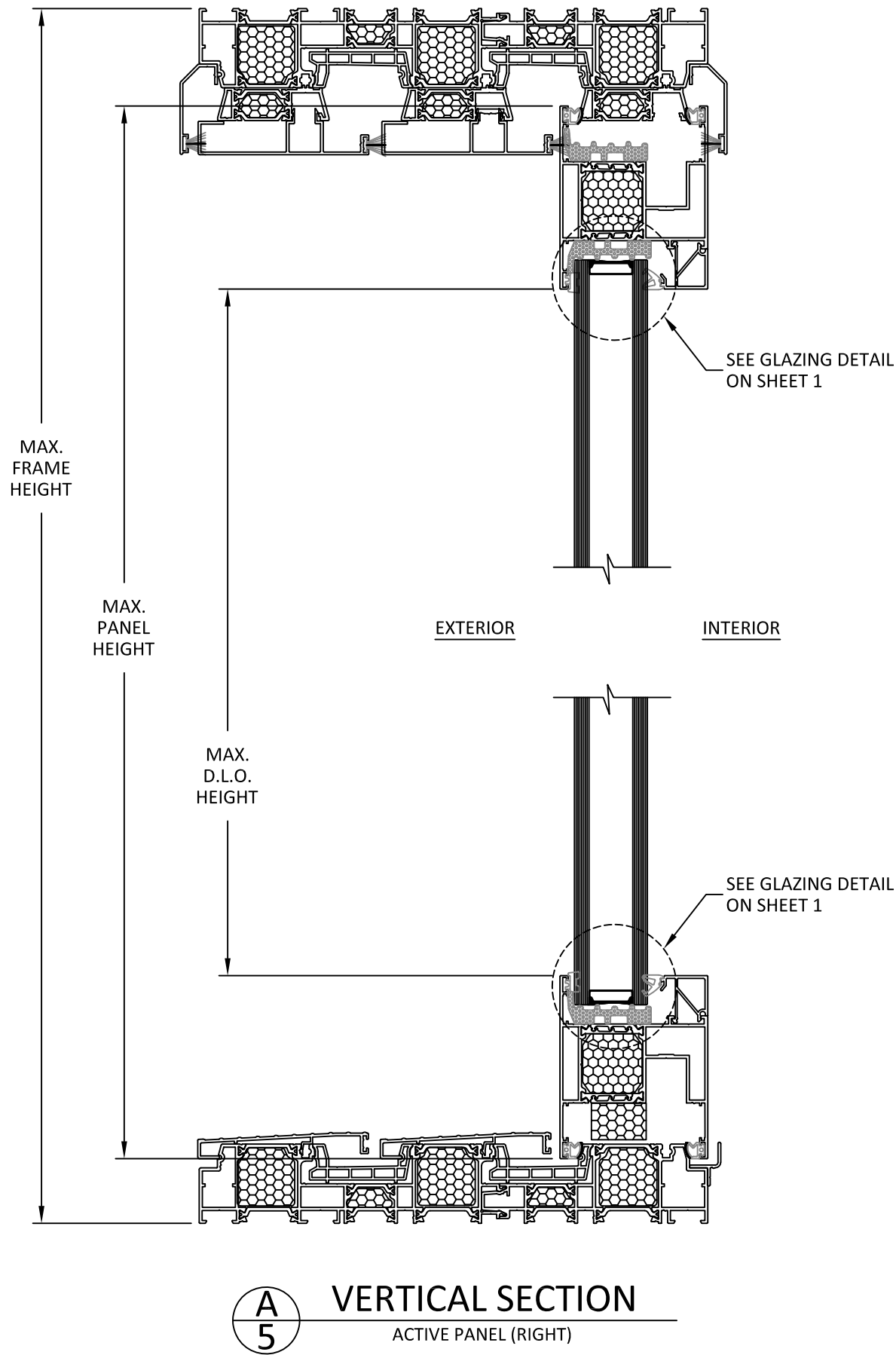
DWG. BY: DB	CHK. BY: HFN
--------------------	---------------------

SCALE: **NTS**

DWG. #: **YWL001**

SHEET: **4** OF 7

c:\users\danielbuitrago\building drops, inc\building drops landing - documents\common\projects\yawal usa\the-25-0110 - fbc submittal - dp 180 thermally broken aluminum sliding door.dwg
3/19/2025 11:48 AM



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN
ALUMINUM SLIDING DOOR
(NON-HVHZ) (NON-IMPACT)

VERTICAL SECTION

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

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 #:
FL47388

DATE: **02.17.25**

DWG. BY:
DB

CHK. BY:
HFN

SCALE: **NTS**

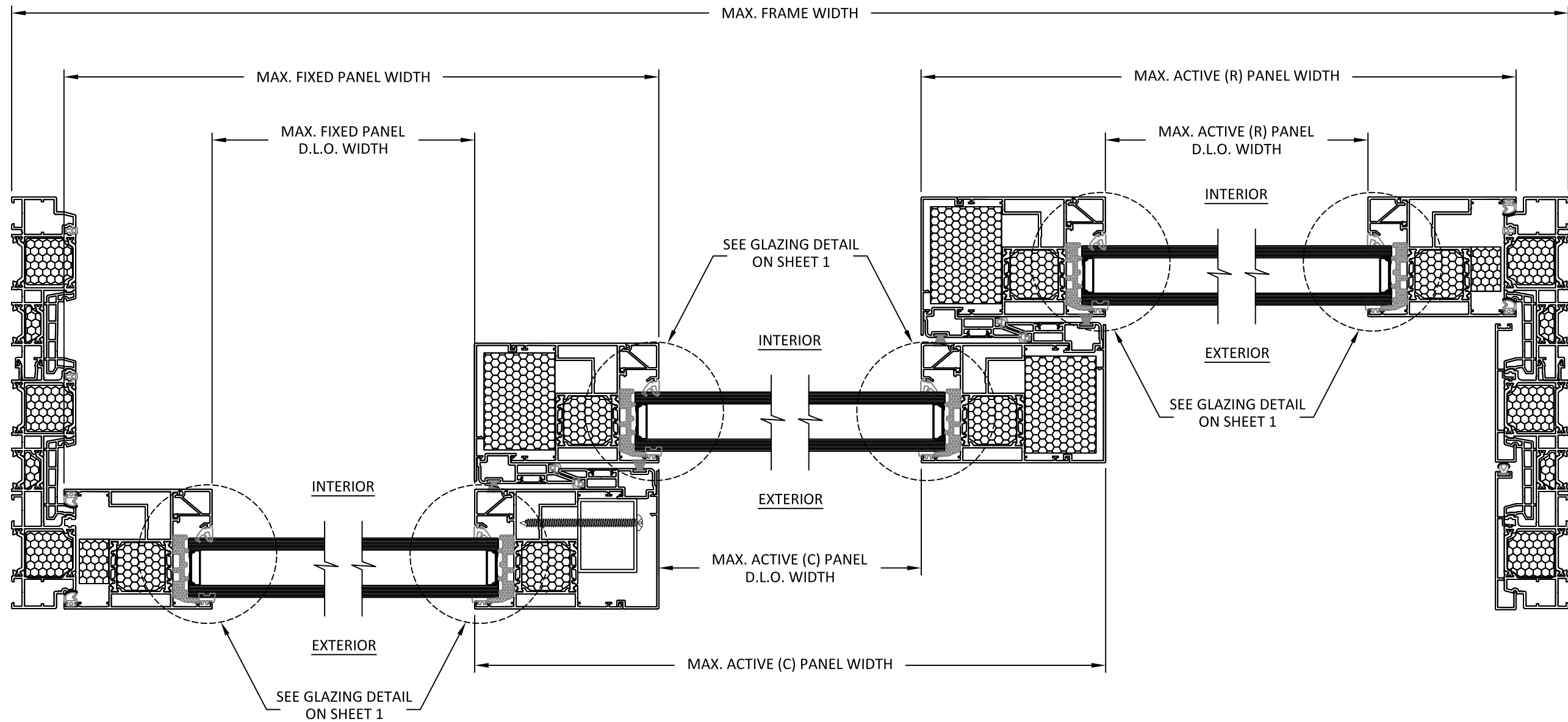
DWG. #: **YWL001**

SHEET:

5

OF 7

c:\users\danielbuitrago\building drops, inc\building drops landing - documents\common\projects\yawal usa\the-25-0110 - fbc submittal - dp 180 thermally broken aluminum sliding door.dwg
3/19/2025 11:48 AM



A
6 HORIZONTAL SECTION



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN
ALUMINUM SLIDING DOOR
(NON-HVHZ) (NON-IMPACT)

HORIZONTAL SECTION

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

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 #: FL47388

DATE: 02.17.25

DWG. BY: DB

CHK. BY: HFN

SCALE: NTS

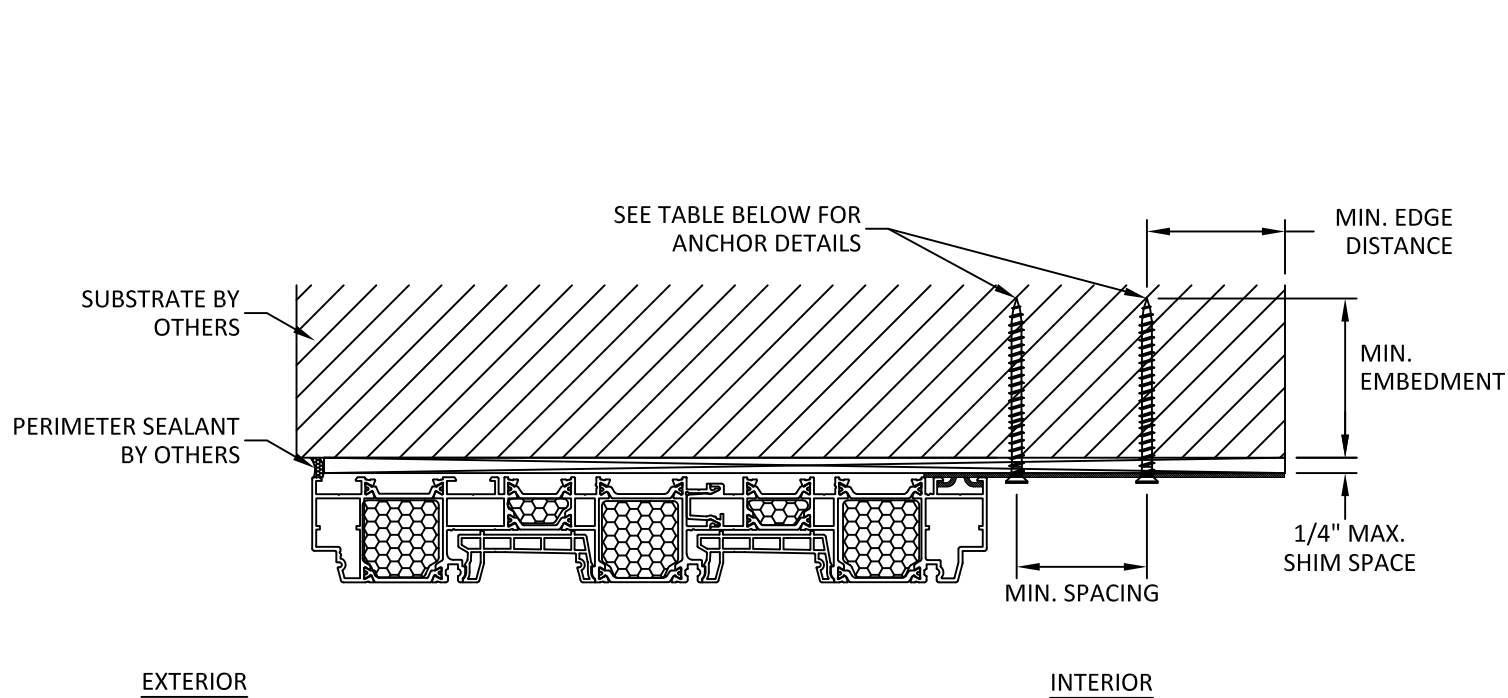
DWG. #: YWL001

SHEET:

6

OF 7

c:\Users\danielbuitrago\building drops, inc\building drops landing - documents\common\projects\yawal usa\the-25-0110 - fbc submittal - dp 180 thermally broken aluminum sliding door.dwg 3/19/2025 11:48 AM

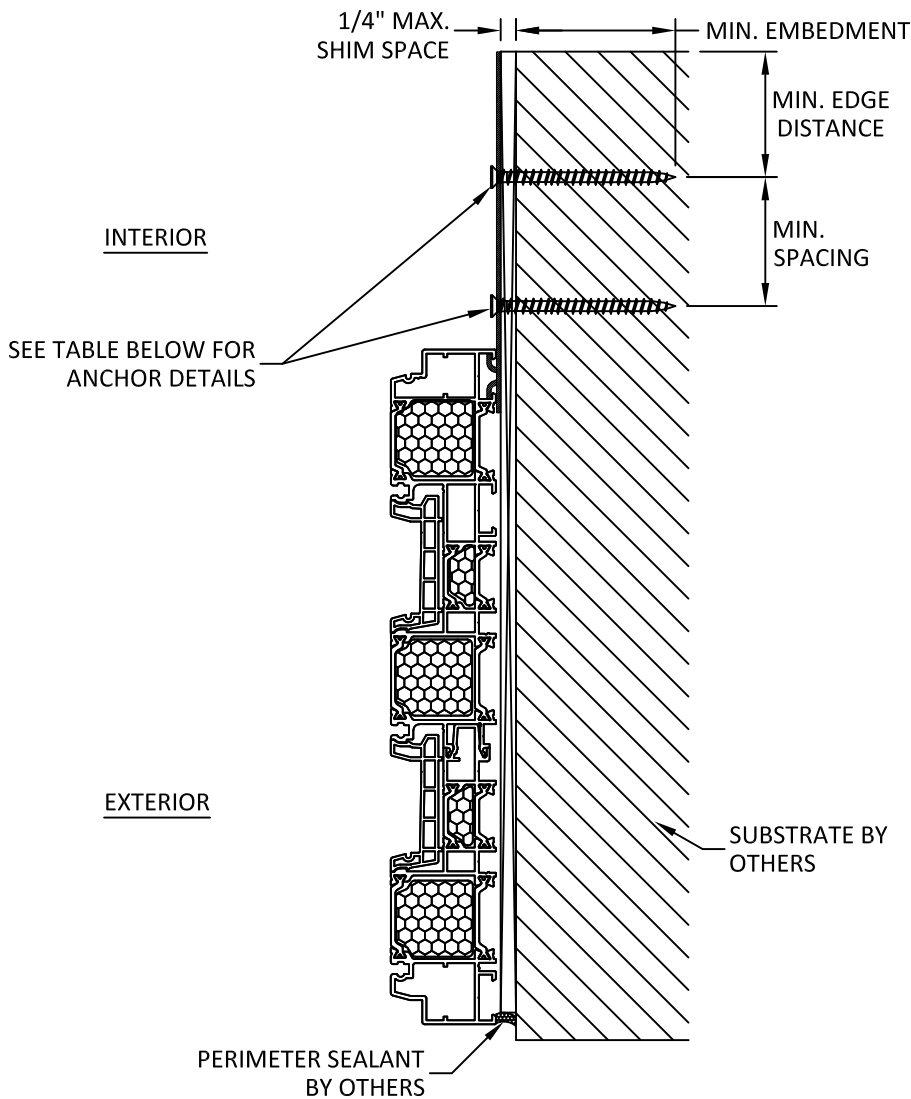


A
7

ANCHOR DETAIL

CLIP INSTALLATION
HEAD

NOTE : HEAD SHOWN, SILL SIMILAR



B
7

ANCHOR DETAIL

CLIP INSTALLATION
JAMB

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (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 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC 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.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- 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.

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MIN. SPACING
CLIP INSTALLATION	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"	0.75"
	METAL: 18 GA. STEEL, MIN. Fy = 33 KSI ALUMINUM 6063-T5, MIN. THICKNESS: 1/8"	#10 SELF-DRILLING OR SELF-TAPPING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"	
	CONCRETE: f'c = 3000 PSI	1/4" ITW TAPCON	1.00"	2.50"	2.00"
	MASONRY: CMU PER ASTM C90 MIN. 2000 PSI				



YAWAL USA
11 WEST HUDSON AVE.
ENGLEWOOD, NJ 07631
PH: (201) 753 - 2195

TITLE: DP 180 THERMALLY BROKEN
ALUMINUM SLIDING DOOR
(NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES &
ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132

PH: (954)399-8478

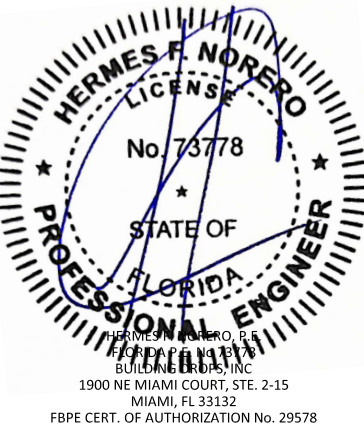
FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS	BY	DATE

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 #:

FL47388

DATE: 02.17.25

DWG. BY: DB
CHK. BY: HFN

SCALE: NTS

DWG. #: YWL001

SHEET:

7

OF 7