

ANDERSEN CORPORATION

A-SERIES FIXED SPECIALTY PG UPGRADE DIRECT SET WINDOW (NON-IMPACT)



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

TITLE: A-SERIES FIXED
SPECIALTY PG UPGRADE
DIRECT SET WINDOW
(NON-IMPACT)
INSTALLATION & 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



INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH (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 3/8 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.
- 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.

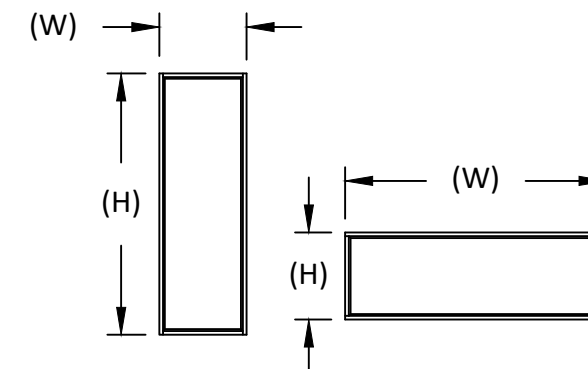
GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AND 2018 INTERNATIONAL RESIDENTIAL CODE (IRC), AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 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.
- 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** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PONDEROSA PINE & LVL
- WINDOW CLADDING MATERIAL: ALUMINUM 6063-T5 & 6063-T4
- IN ACCORDANCE WITH THE IBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CH 20.
- IN ACCORDANCE WITH THE IBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS PER CH 23.
- LVL WINDOW FRAME MATERIAL COMPLIES WITH APPLICABLE STANDARDS SET FORTH IN THE IBC.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAIL.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATIONS, ANCHOR LAYOUTS, & QUALIFIED SHAPES
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	GLAZING DETAIL & ANCHOR DETAILS

DESIGN PRESSURE RATING			
OVERALL SIZE		DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT		
84"	125"	+/- 70 PSF	NON-IMPACT

NOTE:
UNIT HEIGHT & WIDTH ARE INTERCHANGEABLE.
SEE BELOW FOR DETAILS.



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.
TEXAS P.E. No. 118471
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
TBPE FIRM No. 13734

DATE: 06.29.22

DWG. BY: SH
CHK. BY: HFN

SCALE: NTS

DWG. #: AWD314

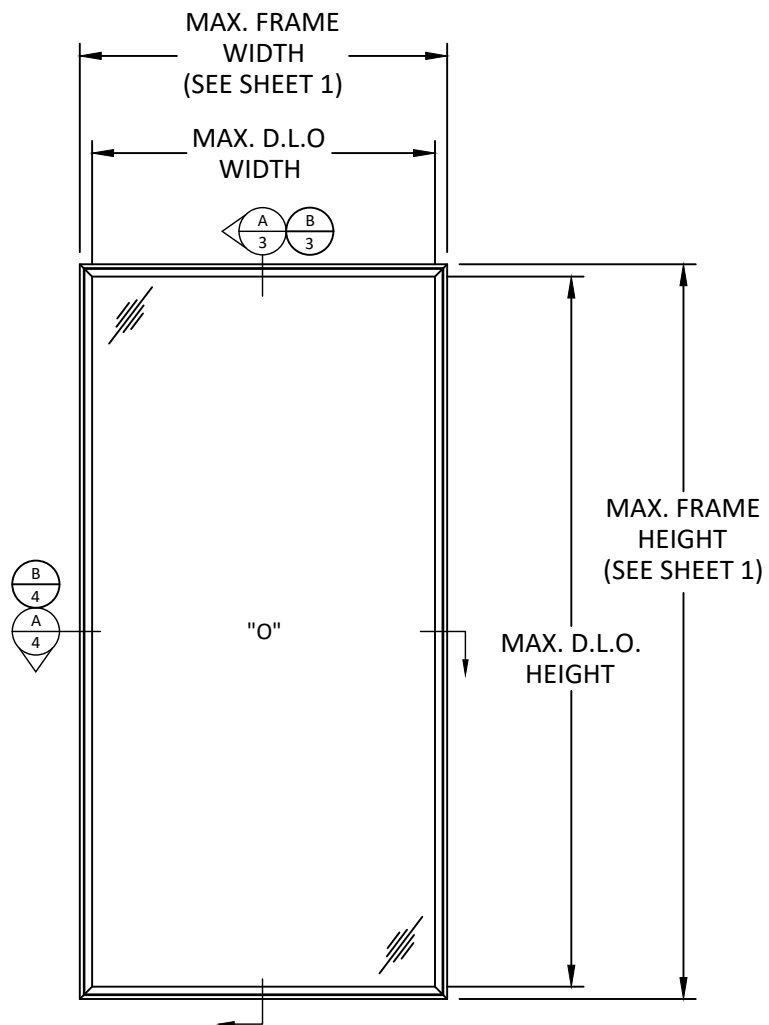
SHEET:

1

OF 5

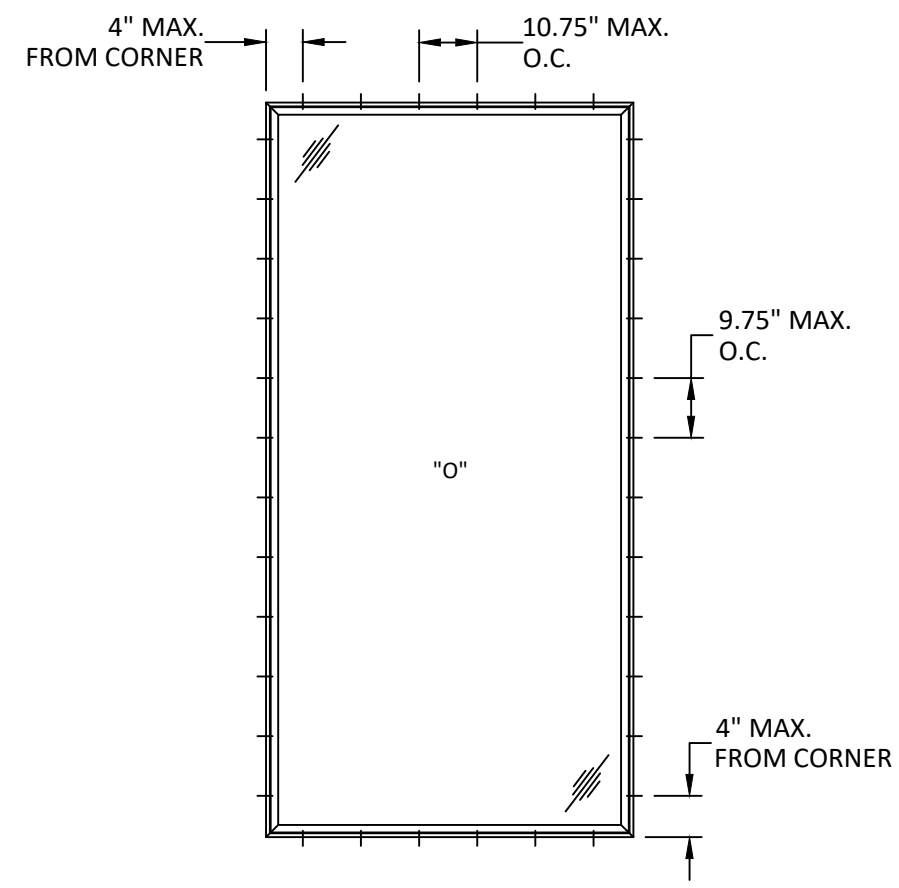
7/14/2022 1:53 PM
s:\projects\andersen windows\tdi-22-0302 - tdi submittal - a-series direct-set pg & a-series sash-set pg upgrade windows\dwg\awd314.dwg

7/14/2022 1:53 PM
s:\projects\andersen windows\tdi-22-0302 - tdi submittal - a-series direct-set pg. & a-series sash-set pg. upgrade windows\dwrp\awd314.dwg



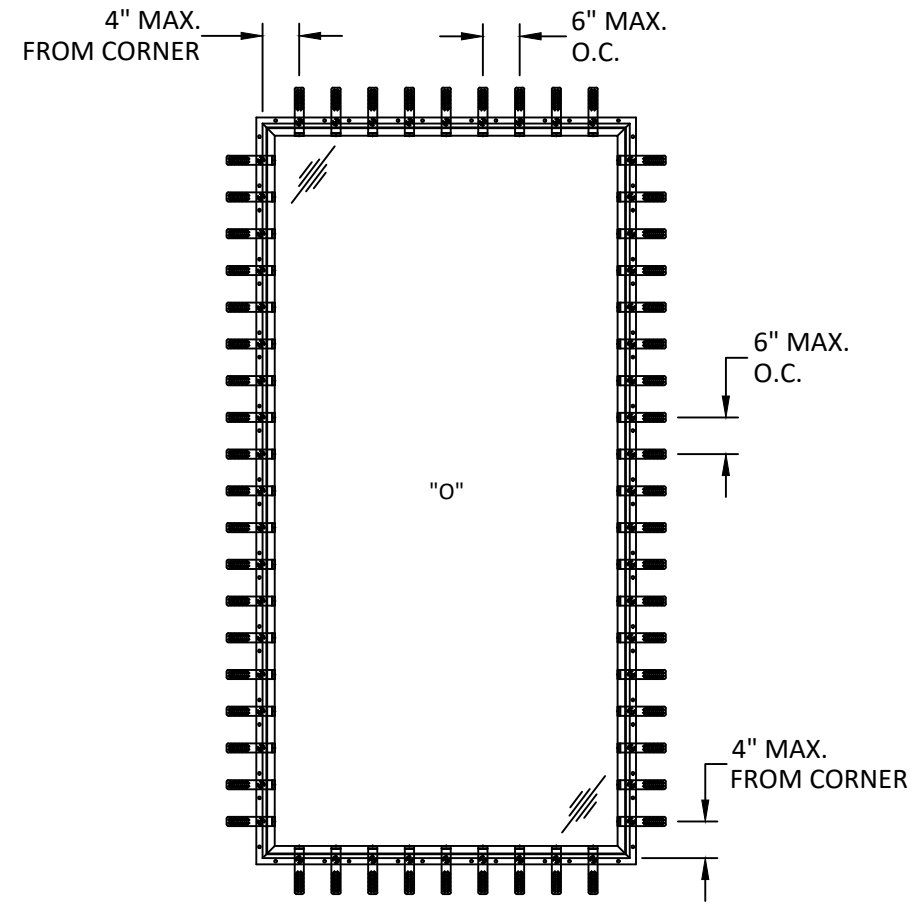
TYPICAL ELEVATION

D.L.O. HEIGHT = FRAME HEIGHT - 3.0"
D.L.O. WIDTH = FRAME WIDTH - 3.0"

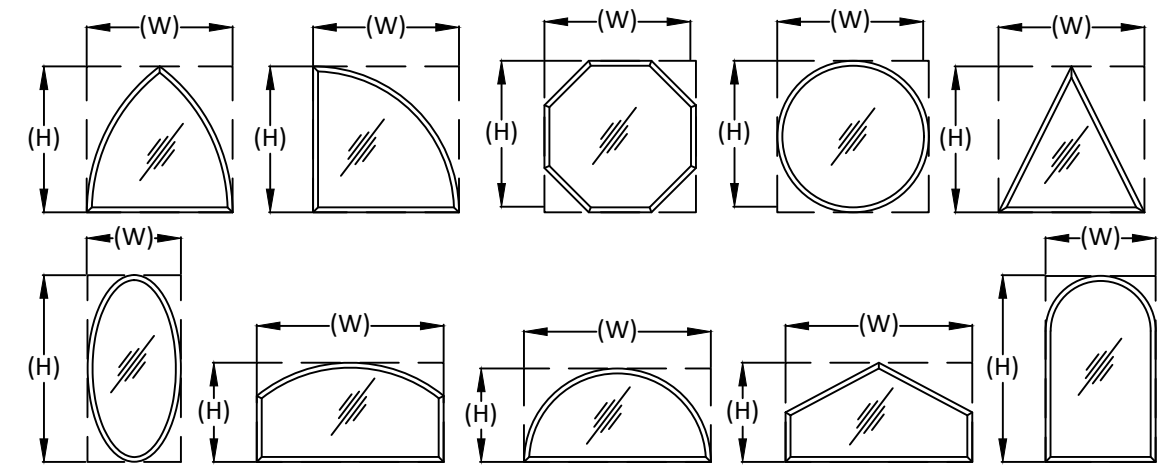


**ANCHOR LAYOUT
THROUGH FRAME INSTALLATION**

NOTE:
INSTALLATION CLIP AND NAIL FIN
MUST BE USED WITH ONE
ANOTHER.



**ANCHOR LAYOUT
INSTALLATION CLIPS
AND NAIL FIN**



UNITS OF ANY SHAPE ARE ALLOWED PROVIDED CONSTRUCTION, GLAZING, & ANCHORAGE ARE PER DETAILS SHOWN HEREIN. ALL SHAPED UNITS SHALL FIT WITHIN THE RECTANGULAR AREAS AS SHOWN AND VERIFIED BY OBTAINING THE ALLOWABLE PERFORMANCE RATING ON SHEET 1.

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
NAIL FIN	WOOD: MIN. SG = 0.42	#8 WOOD SCREW PAN HEAD	1.50"	0.75"	4" FROM CORNERS 4" ON CENTER
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	
THROUGH INSTALLATION CLIP	WOOD: MIN. SG = 0.42	#10 PAN HEAD WOOD SCREW	1.50"	0.75"	SEE ELEVATION ABOVE
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.50"	
THROUGH FRAME	WOOD: MIN. SG = 0.42	#12 WOOD SCREW PAN HEAD	1.50"	0.75"	SEE ELEVATION ABOVE
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#12 TEK SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"	
	CONCRETE: MIN. COMPRESSIVE STRENGTH 3000 PSI				
	CMU: CONFORMING TO ASTM C-90. MIN. COMPRESSIVE STRENGTH 2000 PSI	3/16" ITW TAPCON	1.25"	2.25"	



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

TITLE: A-SERIES FIXED
SPECIALTY PG UPGRADE
DIRECT SET WINDOW
(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

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

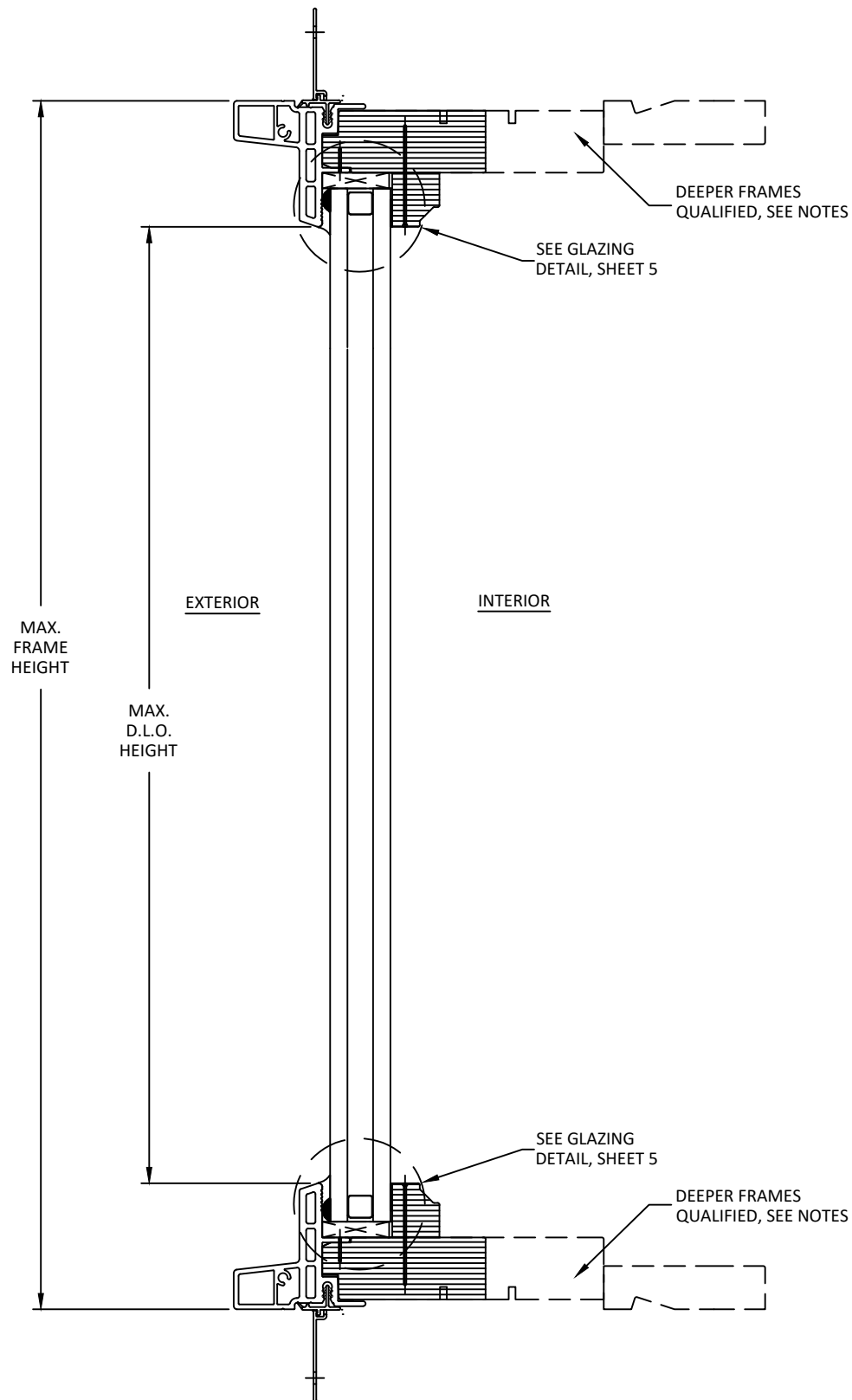


HERMES F. NORERO, P.E.
TEXAS P.E. No. 118471
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
TBPE FIRM No. 13734

DATE: **06.29.22**
DWG. BY: **SH** CHK. BY: **HFN**
SCALE: **NTS**
DWG. #: **AWD314**

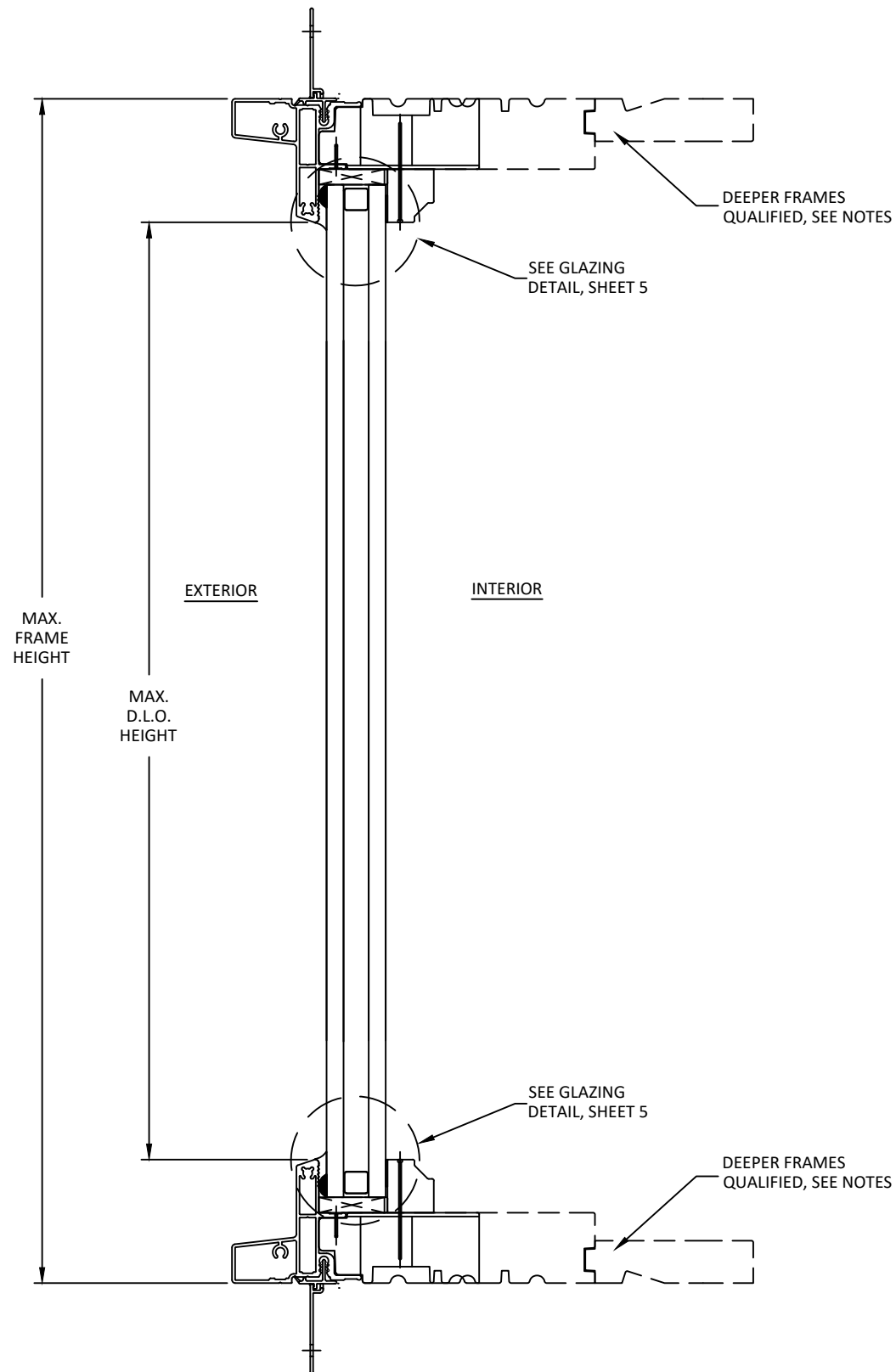
SHEET:
2
OF 5

7/14/2022 1:53 PM
s:\projects\andersen windows\tdi-22-0302 - tdi submittal - a-series direct-set pg & a-series sash-set pg upgrade windows\dwrp\awd314.dwg



A
3 VERTICAL SECTION
CURVED FRAME

- NOTE:
1. DEEPER FRAME TYPES ARE QUALIFIED BY MINIMUM DEPTH TESTED (HATCHED PROFILES).
 2. WALL CONDITIONS MUST ACCOMMODATE FRAME DEPTH AND PROVIDE SUPPORT ALONG ENTIRE FRAME.



B
3 VERTICAL SECTION
LINEAL FRAME



ANDERSEN
WINDOWS & DOORS

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

TITLE:
A-SERIES FIXED
SPECIALTY PG UPGRADE
DIRECT SET WINDOW
(NON-IMPACT)
VERTICAL SECTIONS

PREPARED BY:
BD
BUILDING DROPS
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

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.
TEXAS P.E. No. 118471
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
TBPE FIRM No. 13734

DATE: **06.29.22**

DWG. BY: **SH** CHK. BY: **HFN**

SCALE: **NTS**

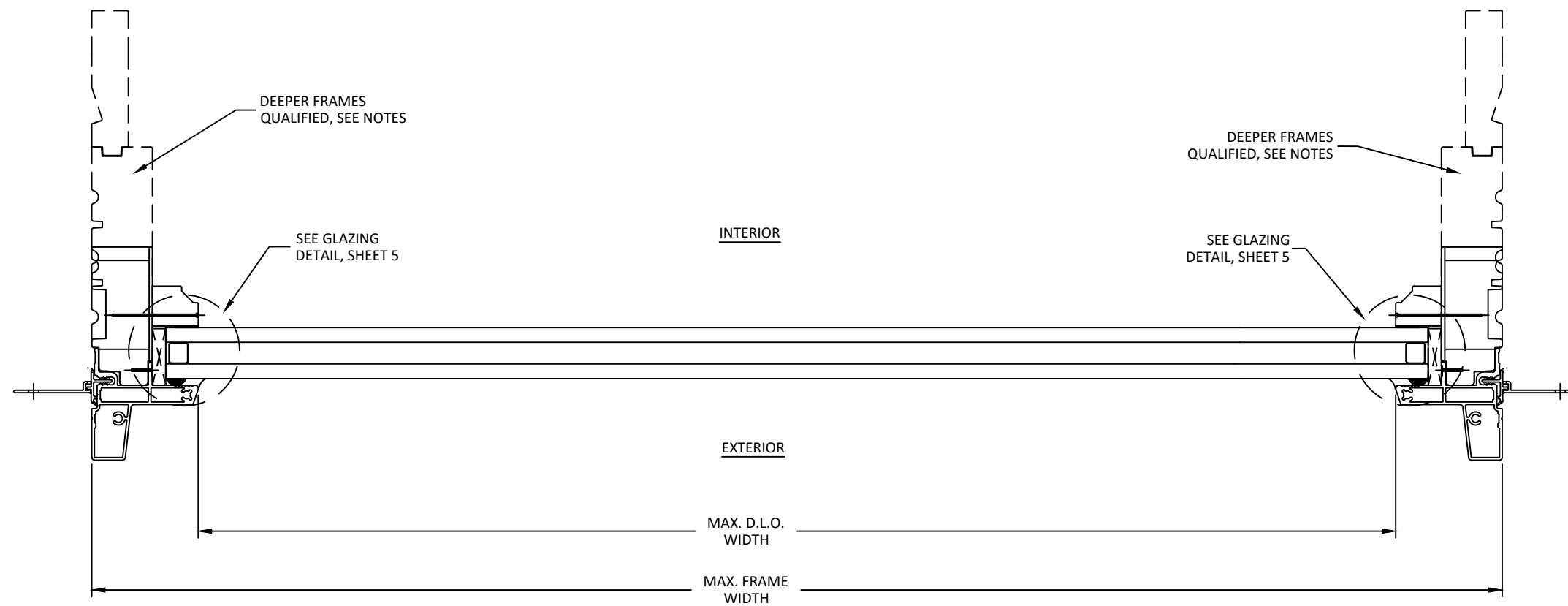
DWG. #: **AWD314**

SHEET:

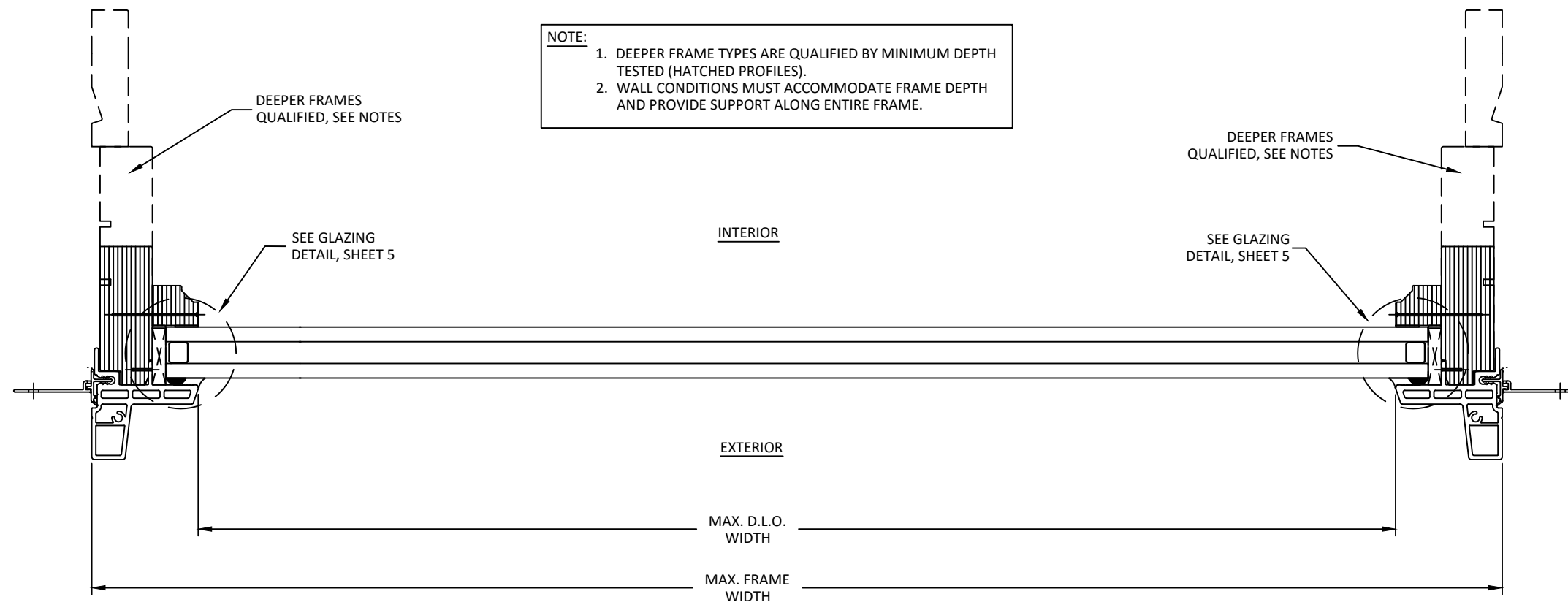
3

OF 5

7/14/2022 1:53 PM
s:\projects\andersen windows\tdi-22-0302 - tdi submittal - a-series direct-set pg & a-series sash-set pg upgrade windows\dwgs\awd314.dwg



A
4 **HORIZONTAL SECTION**
LINEAL FRAME



B
4 **HORIZONTAL SECTION**
CURVED FRAME

NOTE:

1. DEEPER FRAME TYPES ARE QUALIFIED BY MINIMUM DEPTH TESTED (HATCHED PROFILES).
2. WALL CONDITIONS MUST ACCOMMODATE FRAME DEPTH AND PROVIDE SUPPORT ALONG ENTIRE FRAME.



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

TITLE:
A-SERIES FIXED
SPECIALTY PG UPGRADE
DIRECT SET WINDOW
(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

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.
TEXAS P.E. No. 118471
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
TBPE FIRM No. 13734

DATE: **06.29.22**

DWG. BY: SH	CHK. BY: HFN
-----------------------	------------------------

SCALE: **NTS**

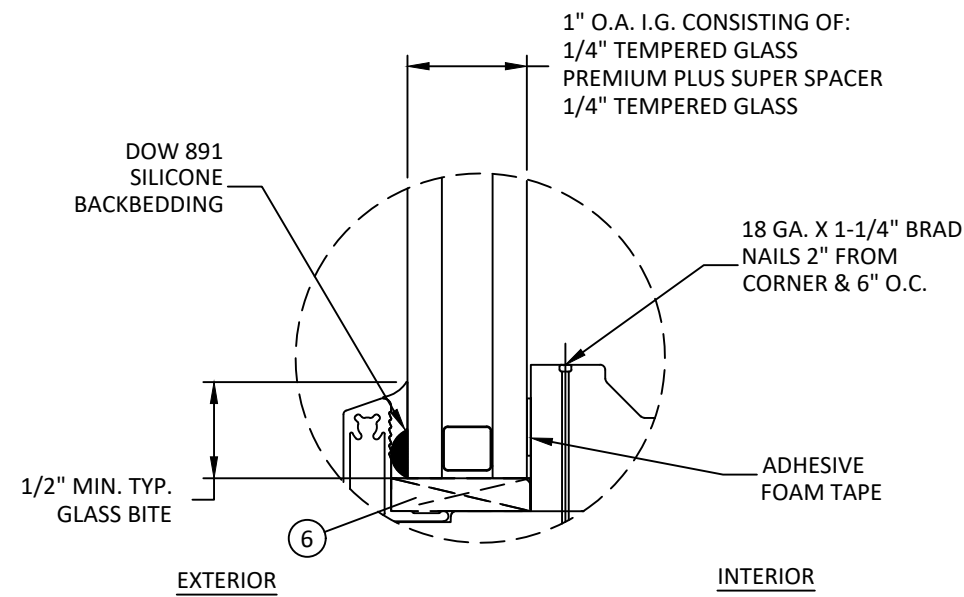
DWG. #: **AWD314**

SHEET:

4

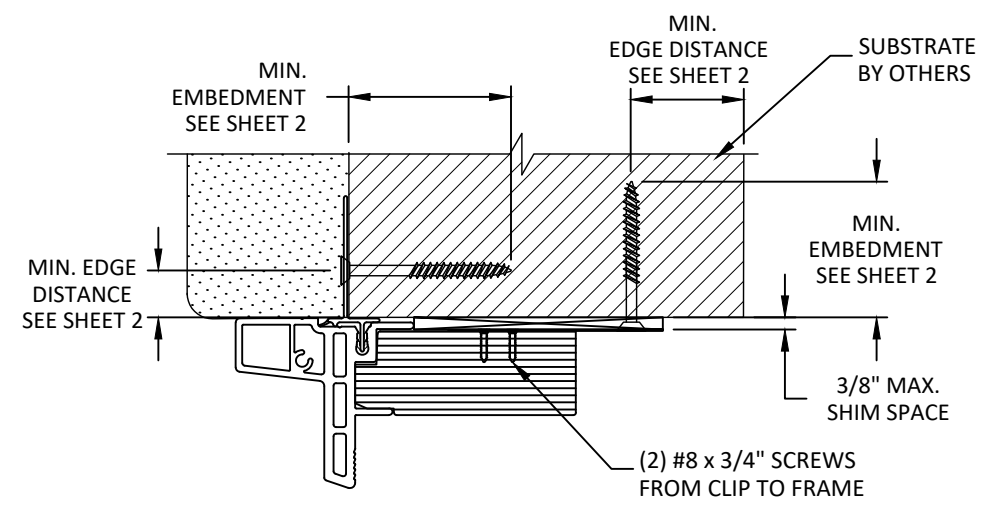
OF 5

7/14/2022 1:53 PM
s:\projects\andersen windows\tdi-22-0302 - tdi submittal - a-series direct-set pg & a-series sash-set pg upgrade windows\dwrp\awd314.dwg



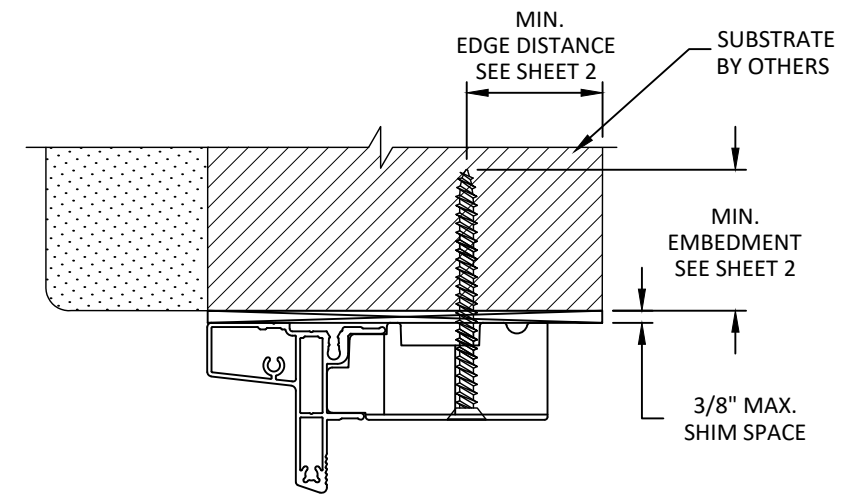
GLAZING DETAIL

- GLAZING NOTES:**
1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER IBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 2. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36".
 3. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A).
 4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX. VALUES SHOWN HEREIN.



A/5 VERTICAL SECTION
THROUGH INSTALLATION CLIP & NAIL FIN HEAD/JAMB/SILL

DETAIL A/5 SHOWS CURVED FRAME, LINEAL FRAME ALSO APPROVED FOR CLIP AND NAIL FIN INSTALLATION.



B/5 VERTICAL SECTION
THROUGH FRAME HEAD/JAMB/SILL

DETAIL B/5 SHOWS LINEAL FRAME, CURVED FRAME ALSO APPROVED FOR THROUGH FRAME INSTALLATION.



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

TITLE: A-SERIES FIXED SPECIALITY PG UPGRADE DIRECT SET WINDOW (NON-IMPACT) GLAZING DETAIL & ANCHOR 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

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.
TEXAS P.E. No. 118471
BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
TBPE FIRM No. 13734

DATE: **06.29.22**

DWG. BY: SH	CHK. BY: HFN
SCALE: NTS	
DWG. #: AWD314	

SHEET: **5** OF 5