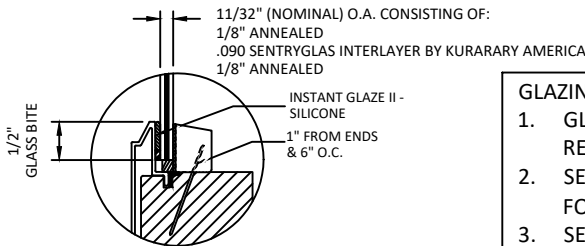


ANDERSEN CORPORATION

E-SERIES AWNING WINDOW (HVHZ) (IMPACT)

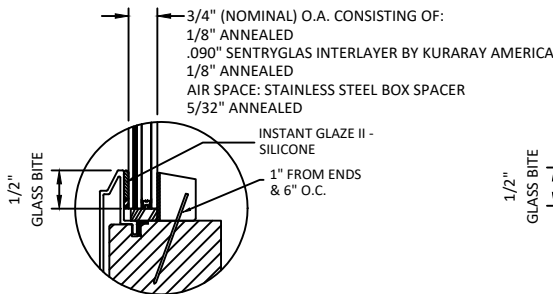
GENERAL NOTES:

- 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:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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 NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: *ALUMINUM CLAD WOOD*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:**
X: *OPERABLE PANEL*
O: *FIXED PANEL*
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

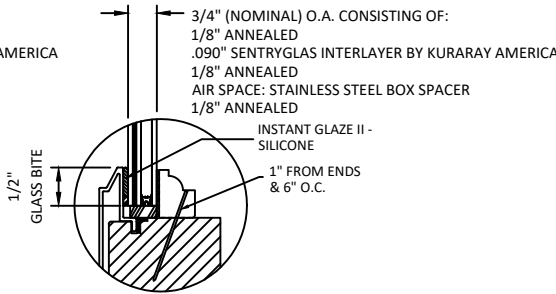


GLAZING DETAIL G1

- GLAZING NOTES:**
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC



GLAZING DETAIL G2

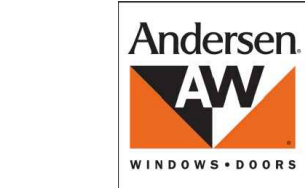


GLAZING DETAIL G3

WINDOW TYPE	OVERALL FRAME SIZE		OVERALL D.L.O. DIMENSION		GLASS TYPE	No. LOCK POINTS	DESIGN PRESSURE (PSF)	
	WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)			POS.	NEG.
SINGLE	48.0	66.0	41.87	59.87	G1, G2	3	+65	-65
SINGLE	48.0	60.0	41.87	41.87	G1, G2	2	+65	-70
SINGLE	48.0	36.0	41.87	29.87	G1, G3	1	+70	-80

TABLE OF CONTENTS

SHEET	REVISION	SHEET DESCRIPTION
1	B	GENERAL NOTES
2	B	ELEVATIONS
3	B	ANCHOR LAYOUTS
4	B	VERTICAL SECTIONS
5	B	HORIZONTAL SECTIONS
6	B	ANCHOR DETAILS



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

TITLE: E-SERIES AWNING WINDOW (HVHZ) (IMPACT)

GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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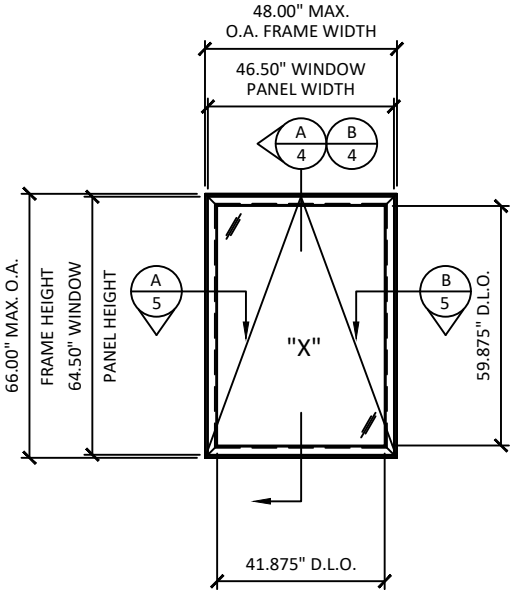
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6TH FBC CODE CHANGE	RV	10/17
FORMAT UPDATE	LL	8/16

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

FL #:	FL24227
DATE:	10.08.17
DWG. BY:	CHK. BY:
RV	HFN
SCALE:	NTS
DWG. #:	AWD224
SHEET:	1 OF 6



ELEVATION
SINGLE UNIT

WIDTH	HEIGHT	PSF
48"	66.0"	+65/-65
48"	60.0"	+65/-70
48"	36.0"	+70/-80



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
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E-SERIES AWNING WINDOW
(HVHZ) (IMPACT)
MULLED ELEVATIONS

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FL #:
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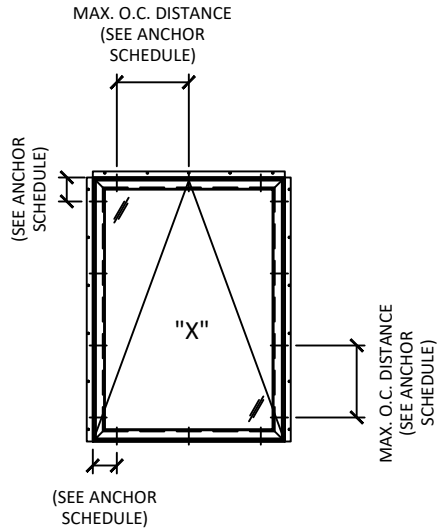
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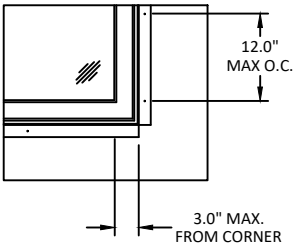
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HFN

SCALE:
NTS

DWG. #:
AWD224



FRAME ANCHORING
SINGLE UNIT



ALUMINUM FIN ANCHORING
SINGLE UNIT

NOTE :
FOR MORE ANCHOR INFORMATION
(INSTALLATION TYPE, SPACING, QUANTITY,
ANCHOR TYPE, QUALIFIED SUBSTRATES) SEE
SHEET 6



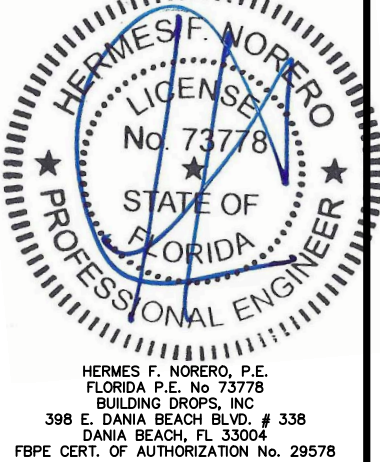
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PH: (651) 264-5150 FX: (651) 264-5485

TITLE: E-SERIES AWNING WINDOW
(HVHZ) (IMPACT)
ANCHOR LAYOUTS

PREPARED BY: 
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SHEET:	3

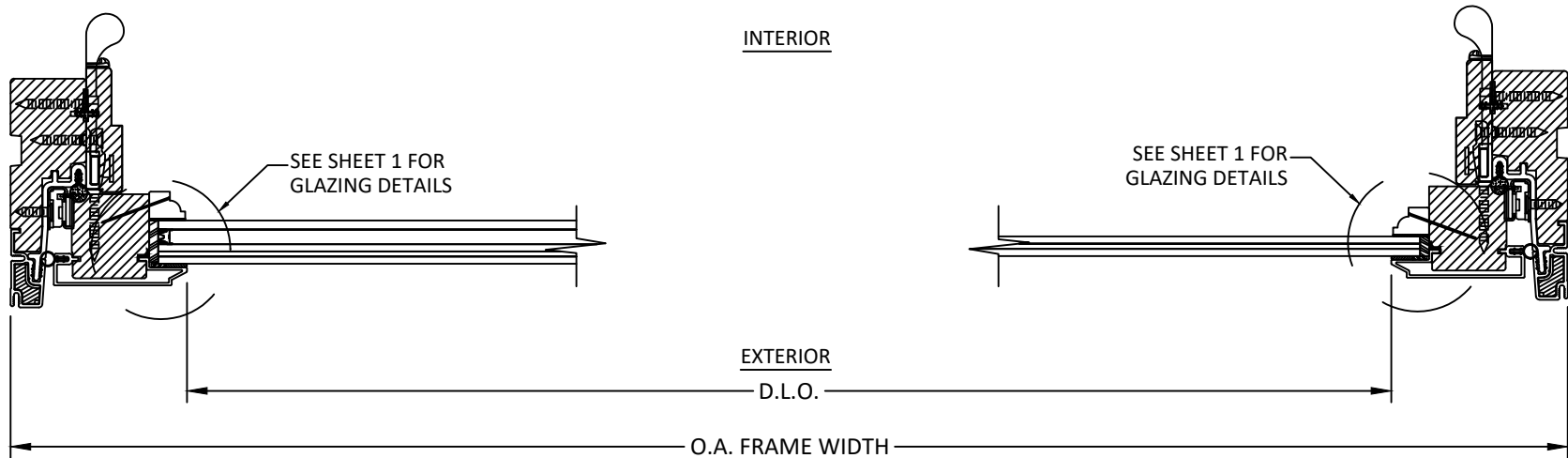


INSULATED GLASS



MONOLITHIC GLASS





A HORIZONTAL SECTION
5 INSULATED GLASS

B HORIZONTAL SECTION
5 MONOLITHIC GLASS



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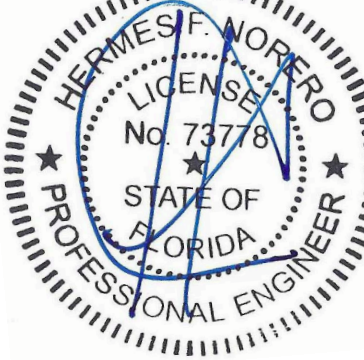
E-SERIES AWNING WINDOW
(HWHZ) (IMPACT)
HORIZONTAL SECTIONS

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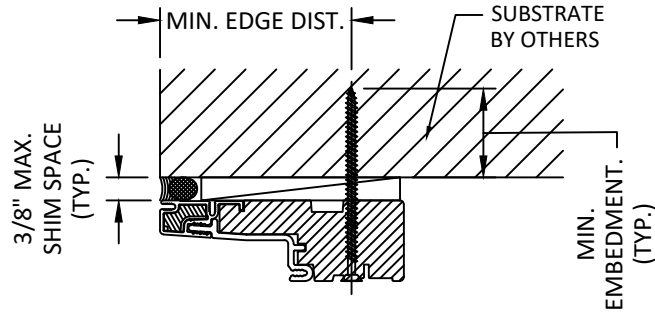
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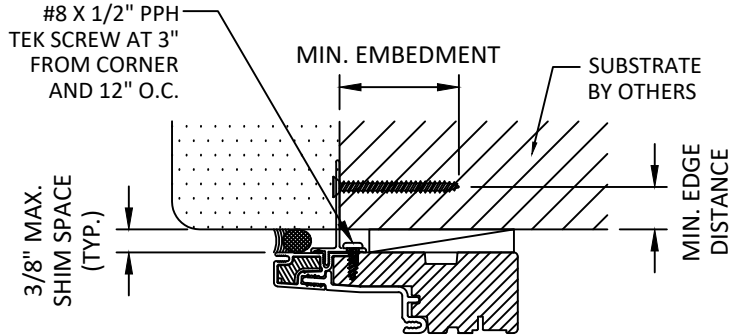
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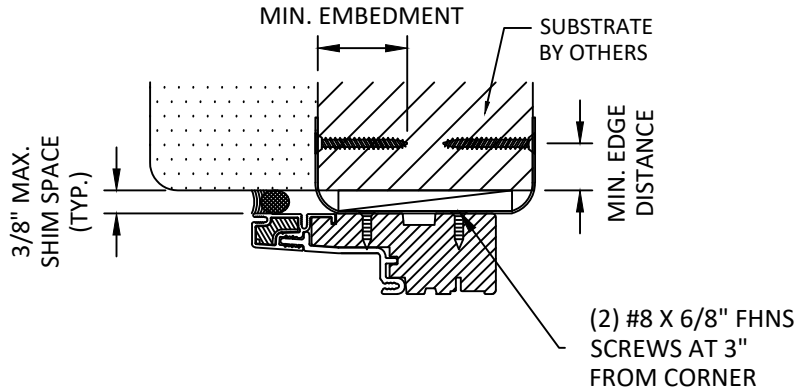
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A
6 **ANCHOR DETAIL**
THROUGH FRAME



B
6 **ANCHOR DETAIL**
ALUMINUM NAIL FIN



C
6 **ANCHOR DETAIL**
STRAP ANCHOR

SILL & JAMB HAVE A SIMILAR DETAIL.

- NOTE:**
1. LOCATION OF BUCK OR WINDOW ANCHORS MAY BE ADJUSTED TO MAINTAIN 1" MIN. CENTER TO CENTER SPACING BETWEEN ANCHORS SUCH THAT MAX. O.C. SPACING SPECIFIED IS NOT EXCEEDED.
 2. BUCK MAY BE FLUSH WITH FACE OF THE BLOCK.

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 $\pm 1/2$ 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.
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.

ANCHOR SCHEDULE							
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE	FROM CORNERS	O.C. HEAD & SILL	O.C. JAMBS
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"	6"	18"	18"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"	6"	18"	18"
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.75"	2.5"	6"	18"	18"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.75"	2.5"	6"	18"	18"
STRAP ANCHOR	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.5"	0.75"	6"	18"	18"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"	6"	18"	18"
ALUMINUM NAILING FIN	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.5"	0.75"	3"	12"	12"
	METAL: 18 GAUGE Steel, MIN. Fy = 33KSI	#10 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"	3"	12"	12"



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ANCHOR DETAILS

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SHEET: **6** OF 6