# ANDERSEN CORPORATION

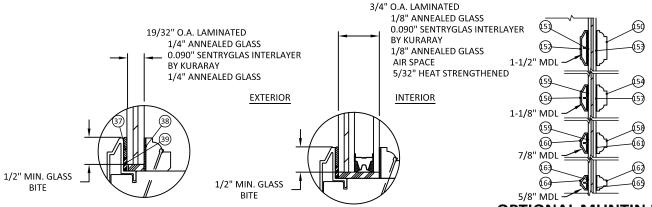
## E-SERIES DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

#### **GENERAL NOTES:**

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
  - TAS201
  - TAS202
  - TAS203
- 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. 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 IN NON-HVHZ AREAS. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER OR AHJ.
- 5. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 6. WINDOW FRAME MATERIAL: PVC
- 7. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

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WINDOW TVDE	OVERALL FRAME SIZE		OVERALL D.L.O. DIMENSION		GLASS	DESIGN PRESSURE (PSF)	
WINDOW TYPE	WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)	TYPE	POS.	NEG.
SINGLE	60.0	78.0	52.93	69.78	G1	+55	-65
SINGLE	60.0	78.0	52.93	69.78	G2	+55	-65
SINGLE	48.0	24.0	40.93	17.81	G1	+55	-65
SINGLE	48.0	24.0	40.93	17.81	G2	+55	-65



- GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300 (3 SEC. GUSTS) DESIGN PRESSURES HAVE BEEN DETERMINED SIZES OTHER THAN TESTED.
- SETTING BLOCK SHOULD BE 70-90 DUROMETER AS PER CH 24 OF THE CURRENT FBC.
- GLASS LITES THAT EXCEED 36" IN WIDTH SHALL USE SETTING BLOCKS AT 1/4 SPAN FROM CORNERS AS PER CH 24 OF CURRENT FBC

**GLAZING DETAIL 1** 

**GLAZING DETAIL 2** 

**OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS** 

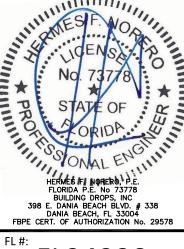


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& GLAZING

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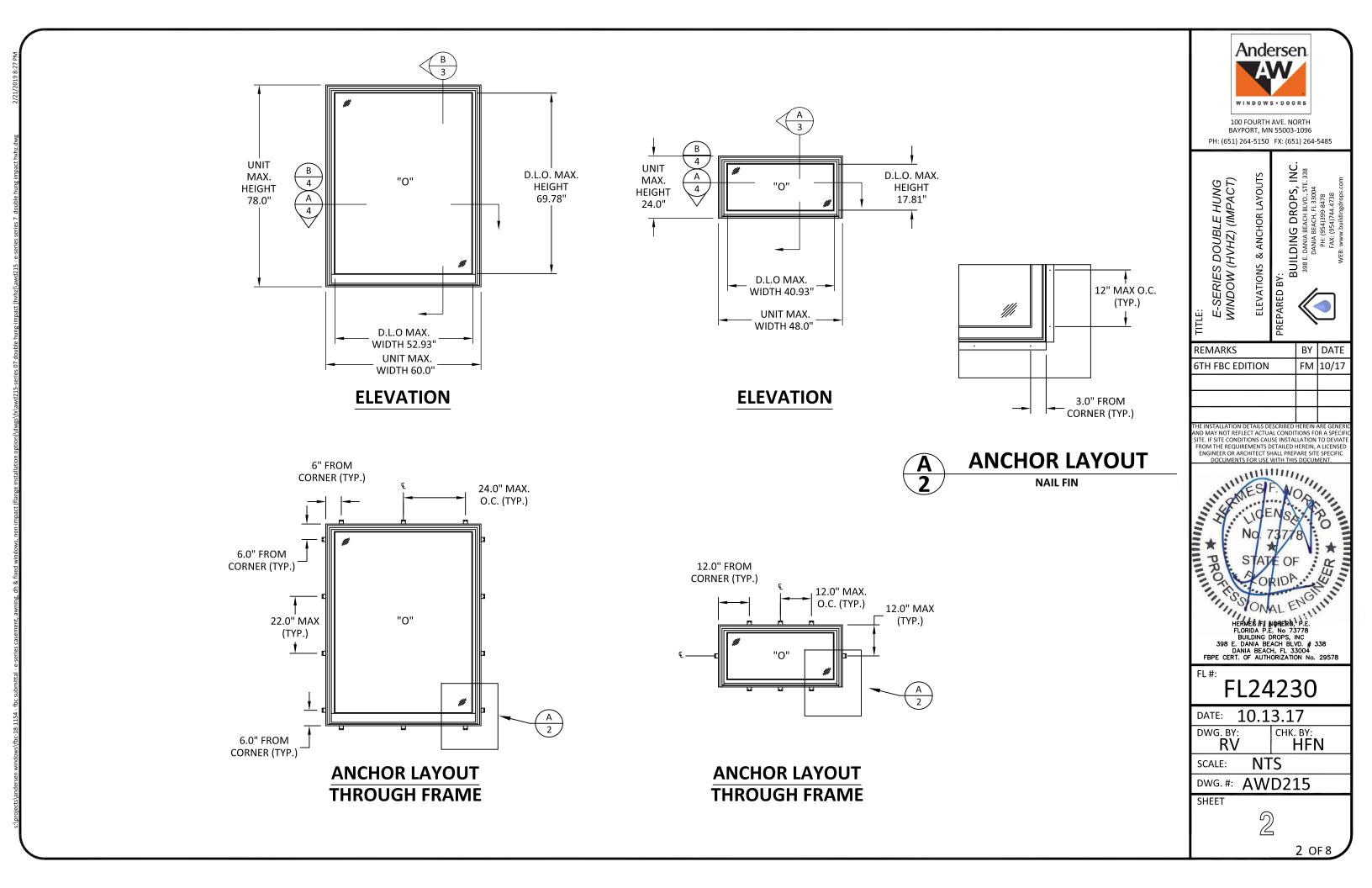
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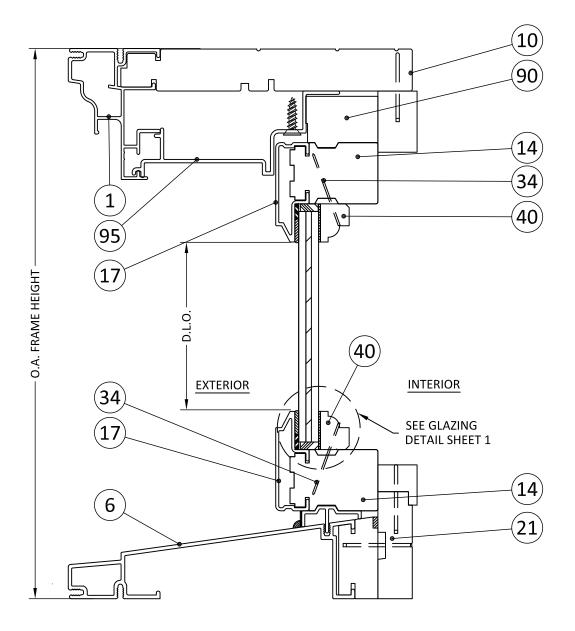
DATE: 10.13.17 DWG. BY: CHK. BY: HFN

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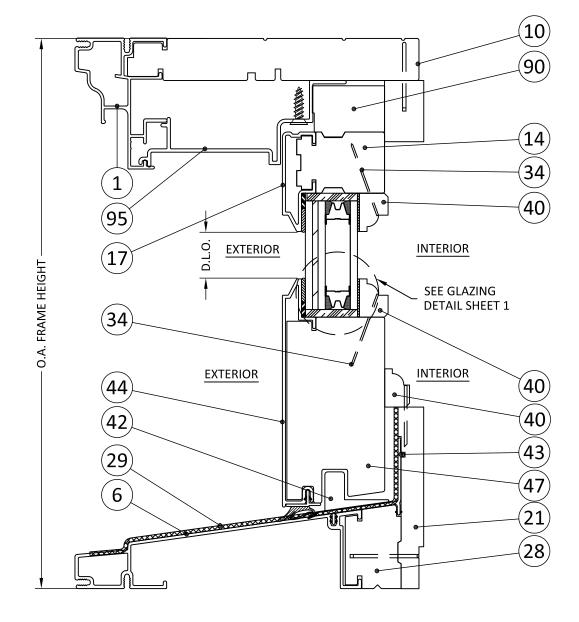
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E-SERIES DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

VERTICAL SECTIONS

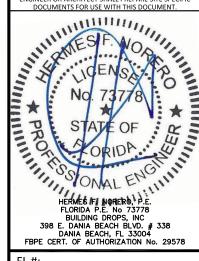
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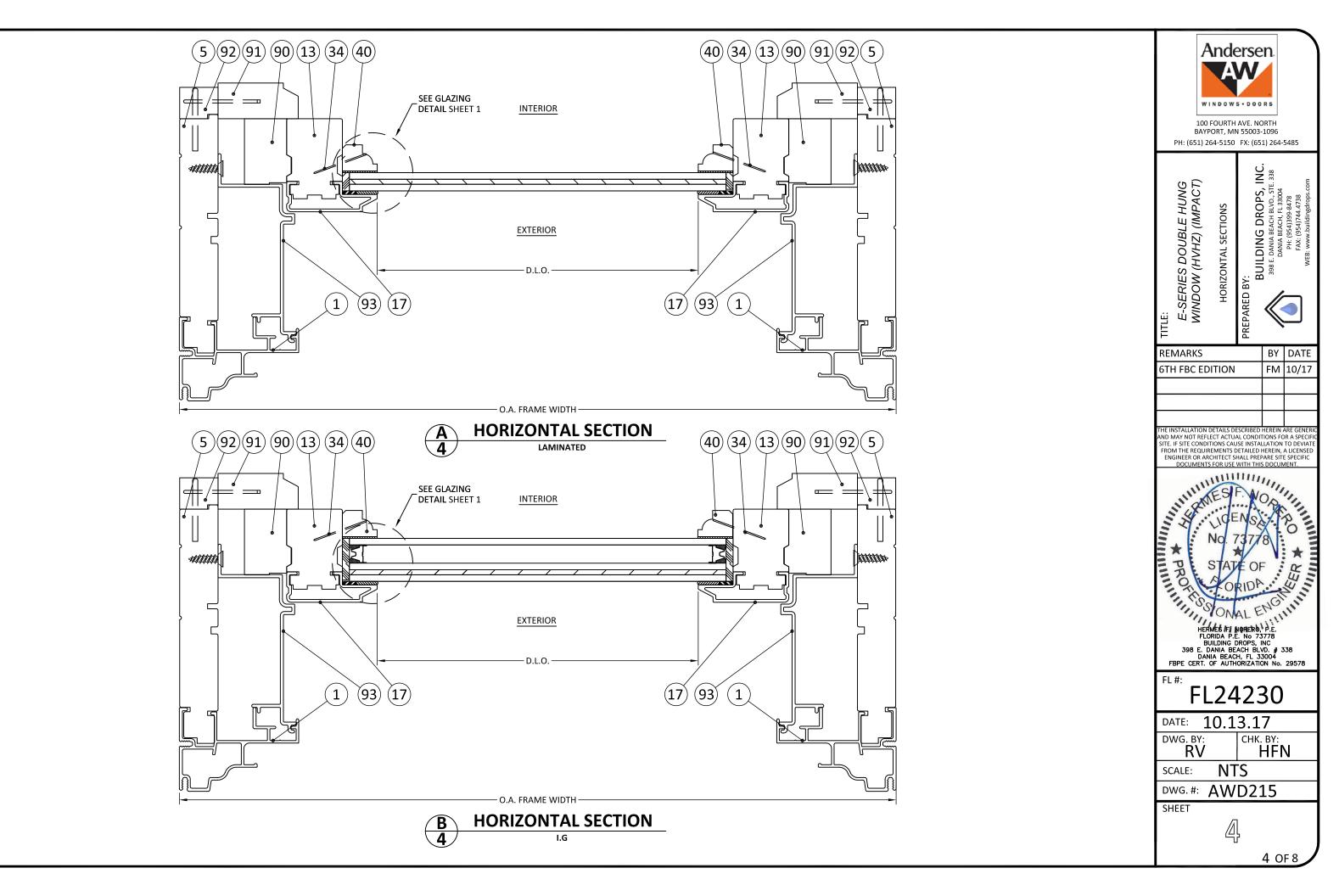
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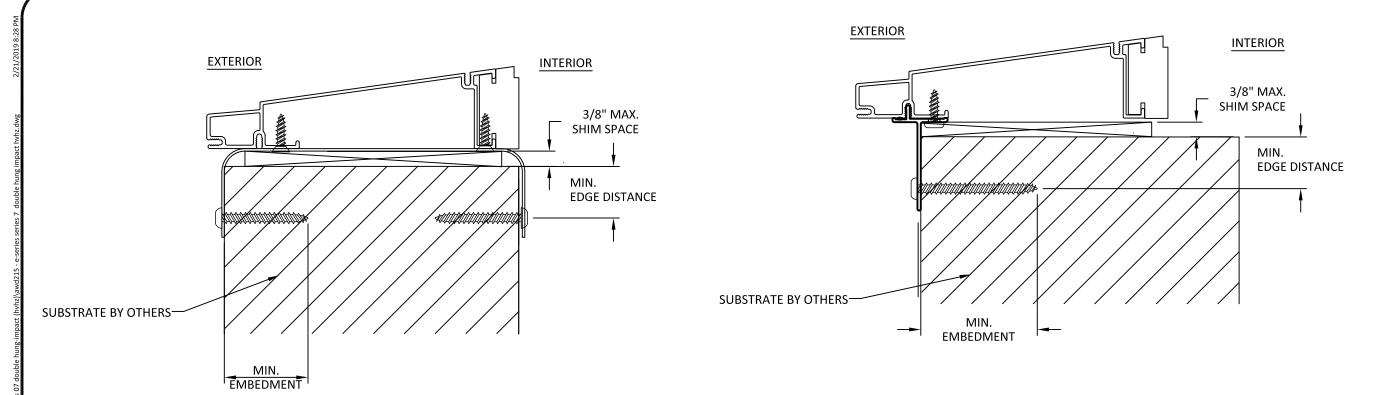
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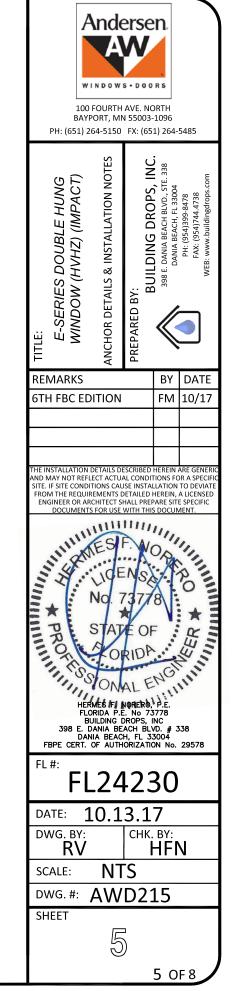


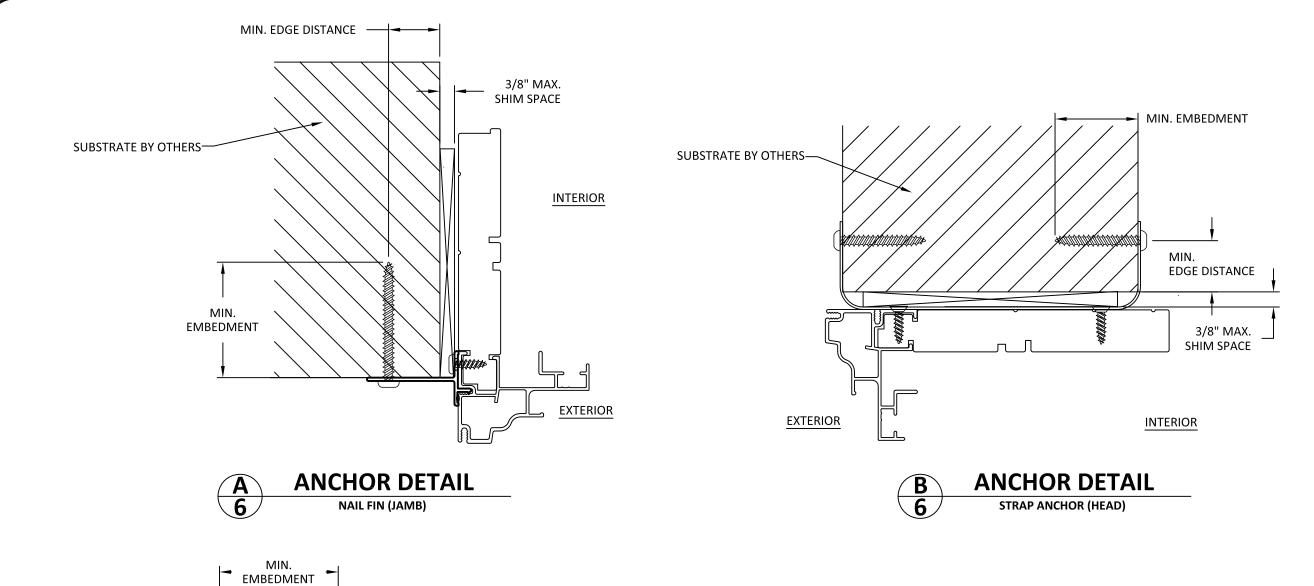
### **INSTALLATION NOTES:**

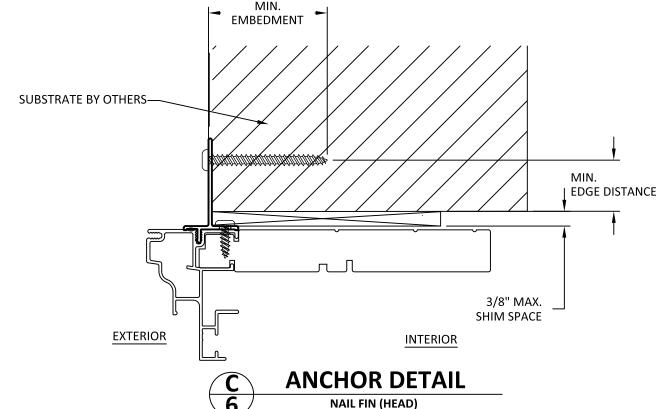
- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF  $\pm 1/2$  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.
- 4. 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

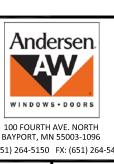
  GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL 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		
STRAP ANCHOR	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.5"	0.75"		
	METAL: 18 GAUGE , MIN. Fy=33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"		
	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.5"	0.75"		
NAIL FIN	METAL: 18 GAUGE Steel, MIN. Fy=33KSI	#8 TEK SCREW	3 THREADS MIN PENETRATION BEYOND METAL	0.75"		



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E-SERIES DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

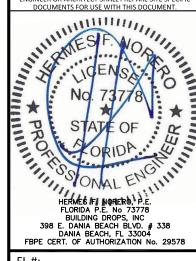
ANCHOR DETAILS & SCHEDULE

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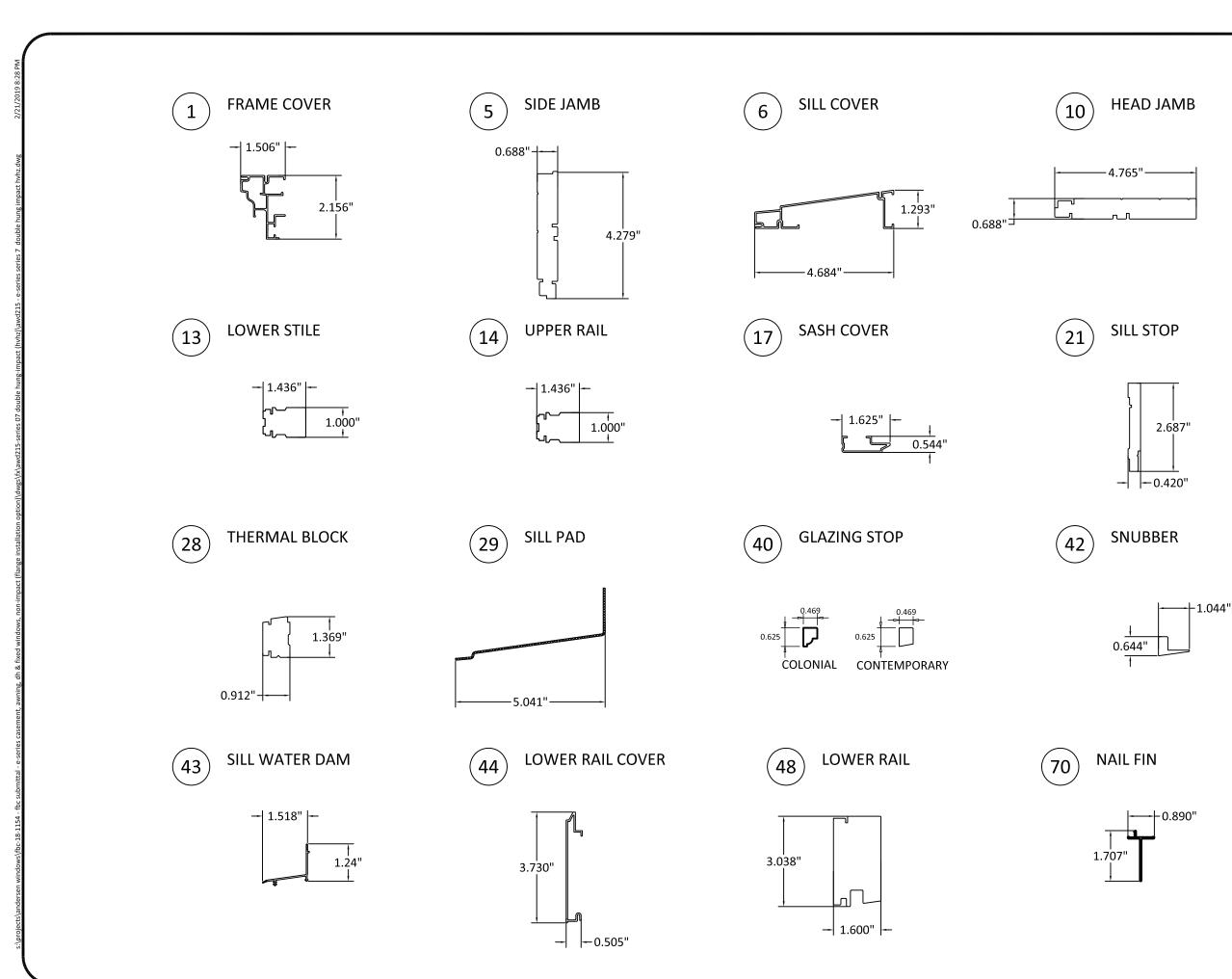
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E-SERIES DOUBLE HUNG WINDOW (HVHZ) (IMPACT) COMPONENTS

REMARKS

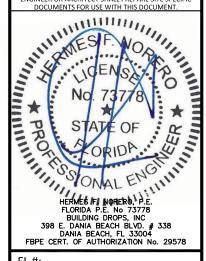
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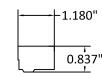
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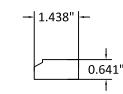
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BILL OF MATERIALS						
NO.	PART NUMBER	DESCRIPTION	MATERIAL			
1	-	SIDE FRAME COVER	ALUM.			
5	-	SIDE JAMB	WOOD			
6	-	SILL COVER	ALUM.			
10	-	HEAD JAMB	WOOD			
13	-	LOWER STILE	WOOD			
14	-	RAIL	WOOD			
17	-	SASH COVER	ALUM.			
21	-	SILL STOP	WOOD			
28	-	THERMAL BLOCK	WOOD			
29	-	FOAM SILL PAD	EPDM			
37	-	INSTANTGLAZE II GLAZING COMPOUND	POLYURETHANE			
38	-	POLYETHYLENE FOAM TAPE	FOAM TAPE			
39	-	GLAZING SHIM	NEOPRENE			
40	-	GLASS STOP	WOOD			
42	-	SNUBBER GLASS FILLED NYLON	-			
43	-	SILL WATER DAM	VINYL			
44	-	LOWER RAIL COVER	ALUM.			
47	-	LOWER RAIL	WOOD			
48	-	FRAME PLUG	NYLON			
70	-	NAIL FIN	ALUM.			
72	-	#8 X 1/2" PPH TEK SCREW	STEEL			
84	-	#8 X 5/8" PFH SMS	STEEL			
86	-	STRAP ANCHOR 1.625" X 8.2" X 0.039" THK.	STEEL			
90	-	CDHF HEAD & SIDE STOP SUPPORT	WOOD			
81	-	CDHF INT. SIDE STOP SUPPORT	WOOD			
82	-	CDHF FILLER BLOCK	WOOD			
93	-	CDHF SIDE STOP EXTRUSION	ALUM.			
94	-	HEAD INTERIOR STOP	WOOD			
95	-	CDHF HEAD STOP EXTRUSION	ALUM.			
150	-	1-1/2" INTERIOR COLONIAL MDL BAR	WOOD			
151	-	1-1/2" EXTERIOR MDL BAR	ALUM.			
152	-	1-1/2" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE			
153	-	1-1/2" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE			
154	-	1-1/8" INTERIOR COLONIAL MDL BAR	WOOD			
155	-	1-1/8" EXTERIOR MDL BAR	ALUM.			
156	-	1-1/8" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE			
157	-	1-1/8" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE			
158	-	7/8" INTERIOR COLONIAL MDL BAR	WOOD			
159	-	7/8" EXTERIOR MDL BAR	ALUM.			
160	-	7/8" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE			
161	-	7/8" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE			
162	-	5/8" INTERIOR COLONIAL MDL BAR	WOOD			
163	-	5/8" EXTERIOR MDL BAR	ALUM.			
164	-	5/8" MDL ADHESIVE TAPE (EXTERIOR)	POLYETHYLENE			
165	-	5/8" MDL ADHESIVE TAPE (INTERIOR)	POLYETHYLENE			

**HEAD & SIDE STOP SUPPORT** 

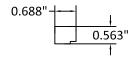


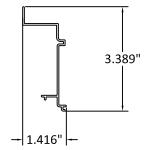
SIDE STOP SUPPORT 91



FILLER BLOCK

SIDE STOP EXTRUSION





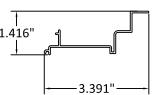
**HEAD STOP EXTRUSION** 

**HEAD INTERIOR** 



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E-SERIES DOUBLE HUNG WINDOW (HVHZ) (IMPACT)

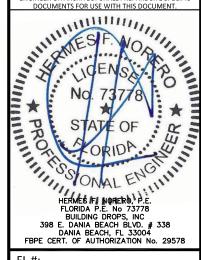
COMPONENTS & BILL OF MATERIALS

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