

s:\projects\andersen windows\fbc-22-0220 - fbc submittal - fl15551, fl15552, fl15553\dwgs\1a-series double hung pg upgrade\awd301.dwg 4/13/2022 8:37 AM

ANDERSEN CORPORATION

A-SERIES DOUBLE HUNG PG UPGRADE WINDOW

(NON-HVHZ)(NON-IMPACT)

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 ±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 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- INSTALLATION CLIP:** FOR INSTALLATION INTO WOOD FRAMING USE TWO (2) #10 WOOD SCREWS PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- INSTALLATION CLIP:** FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE TWO (2) #10-16 GR. 5 SELF-TAPPING SCREW PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
- INSTALLATION CLIP:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE TWO (2) 3/16 INCH DIAMETER ITW TAPCONS OR ONE (1) 1/4" ITW TAPCON PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. ANCHORS SHALL BE INSTALLED THROUGH CLIP SUCH THAT A MINIMUM 1 3/4" O.C. SPACING IS MAINTAINED.
- 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 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 35.9 MIL (0.0359" or 20 GAUGE). MIN. 1/2" EDGE DISTANCE.
 - ALUMINUM - MINIMUM ALLOY 6063-T5. MINIMUM WALL THICKNESS OF 0.078". MIN. 1/2" EDGE DISTANCE.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- 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.
- 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 IN NON-HVHZ AREAS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PINE
- CLADDING MATERIAL: FIBREX ® AND FIBERGLASS
- IN ACCORDANCE WITH CHAPTER 23 OF THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL.

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1	INSTALLATION & GENERAL NOTES
2	ELEVATION & ANCHOR LAYOUTS
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4	HORIZONTAL SECTIONS & GLAZING OPTIONS
5	BILL OF MATERIALS & COMPONENTS
6	COMPONENTS

OVERALL SIZE		DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT		
47 1/4"	95 1/4"	+70/- 70 PSF	NON-IMPACT



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

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

TITLE: A-SERIES DOUBLE HUNG PG UPGRADE WINDOW (NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

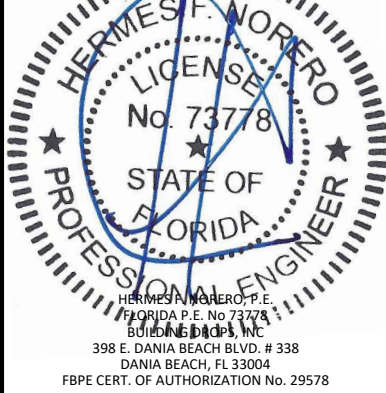
PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2022.04.14 14:19:00 -04'00'



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 #:
FL15497

DATE:
02.23.22

DWG. BY:
SH

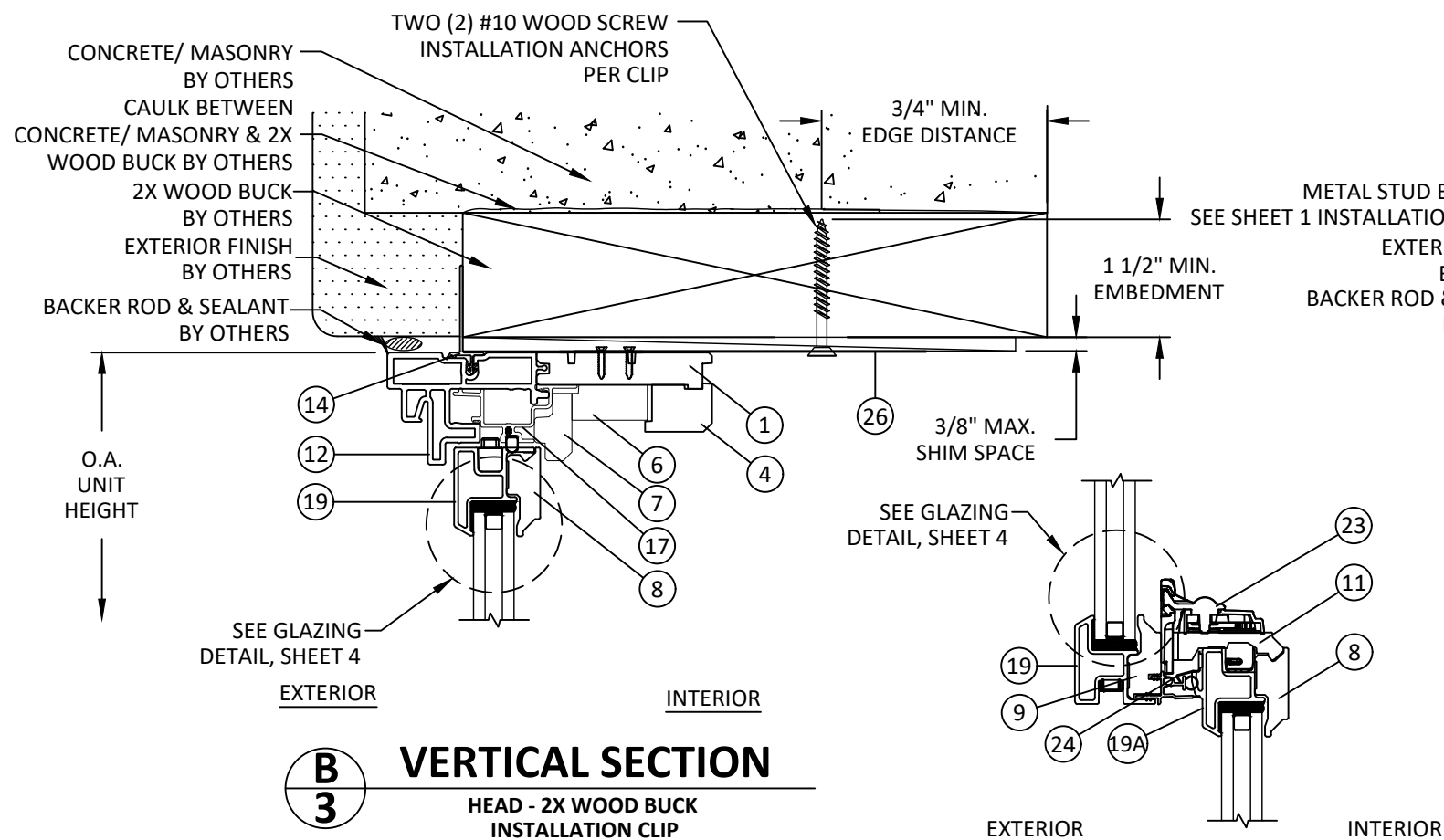
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HFN

SCALE:
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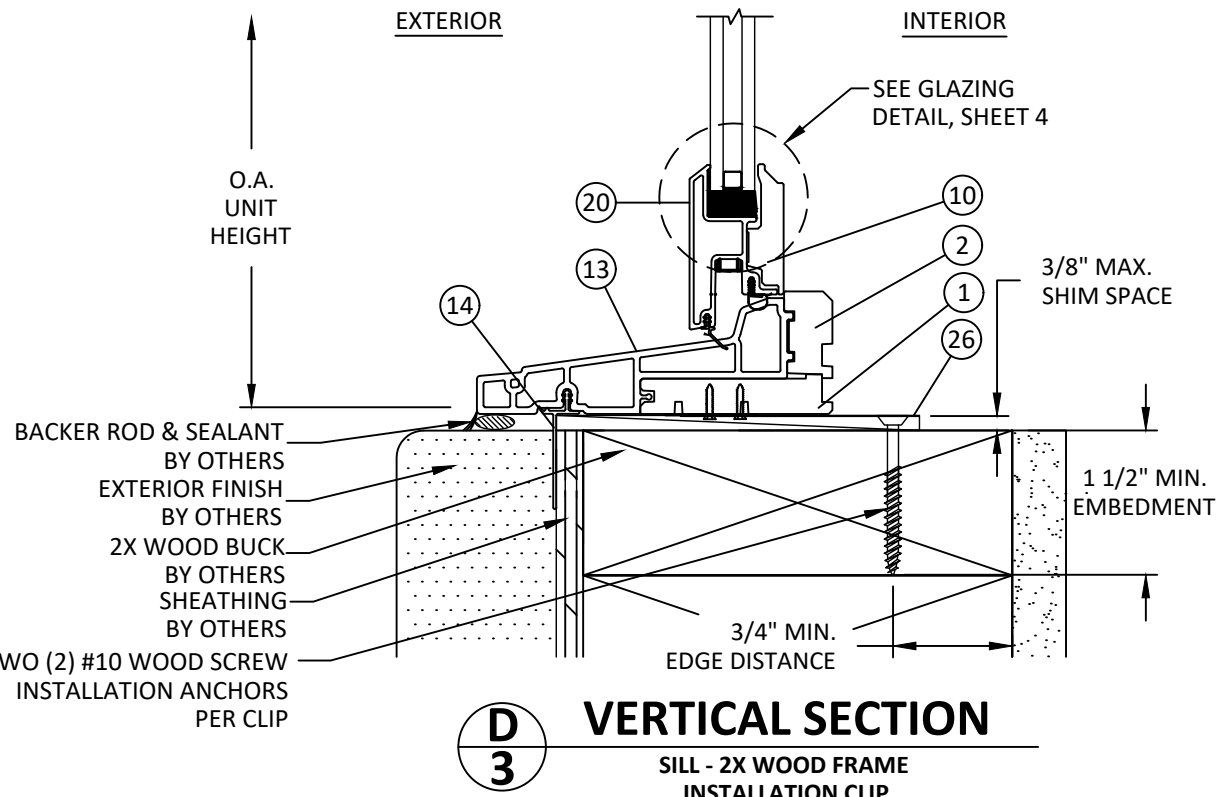
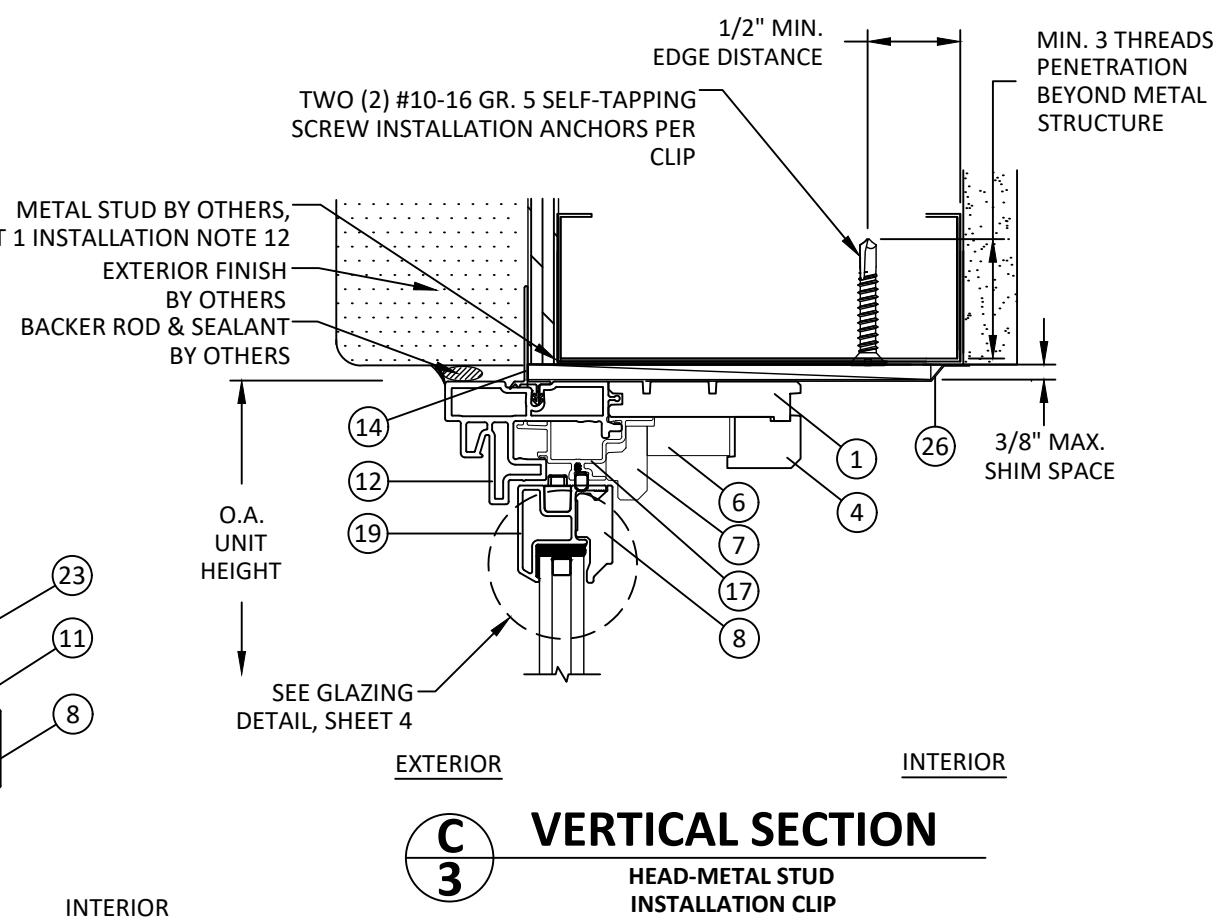
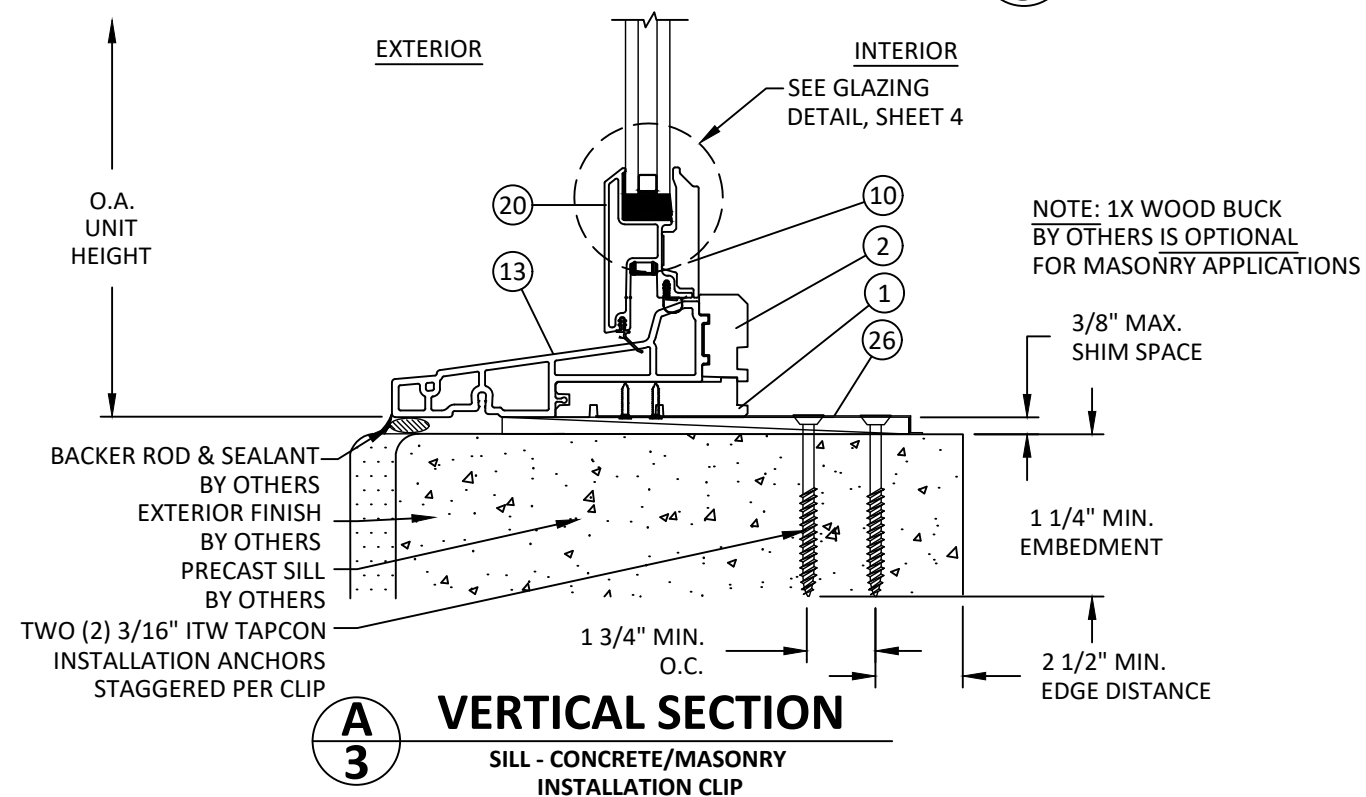
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E3 VERTICAL SECTION
MEETING RAIL



100 FOURTH AVE NORTH
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TITLE: A-SERIES DOUBLE HUNG
PG UPGRADE WINDOW
(NON-HVHZ) (NON-IMPACT)

VERTICAL SECTIONS

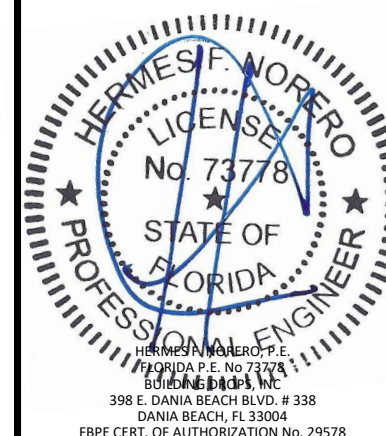
PREPARED BY: BUILDING DROPS, INC.

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DATE: **02.23.22**

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

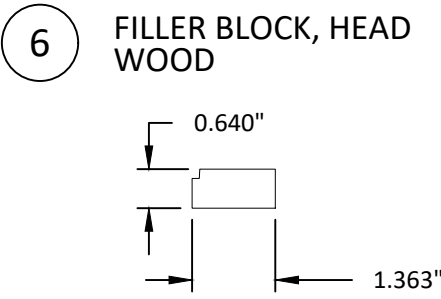
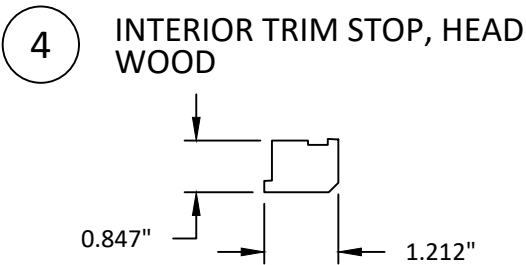
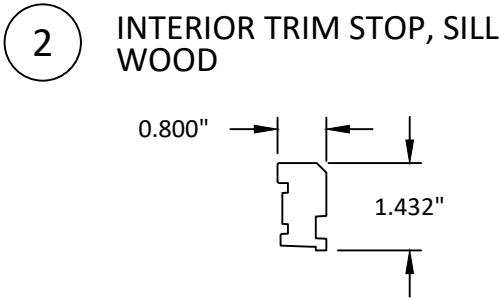
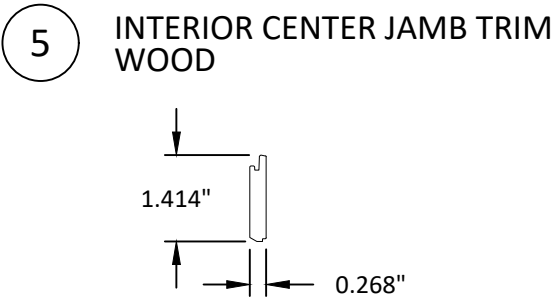
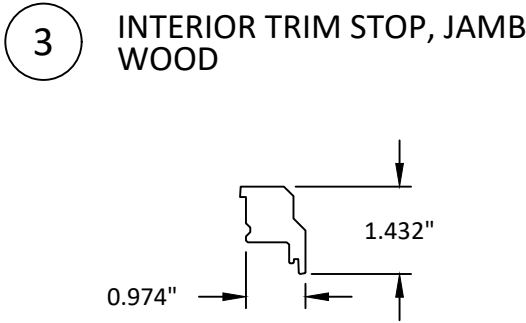
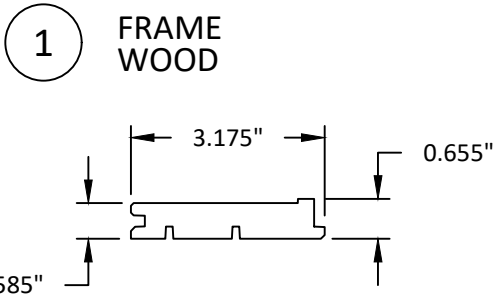
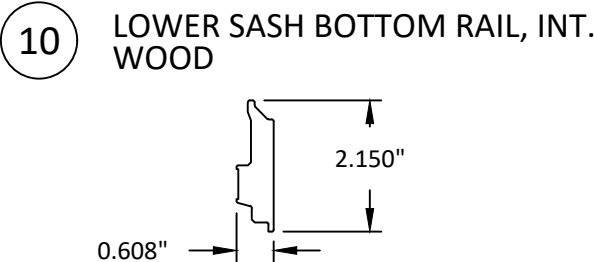
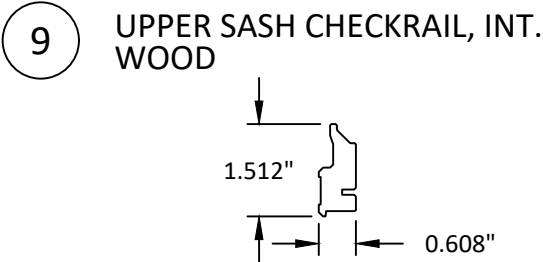
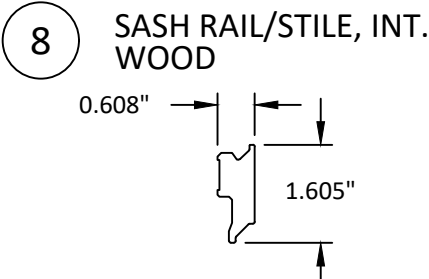
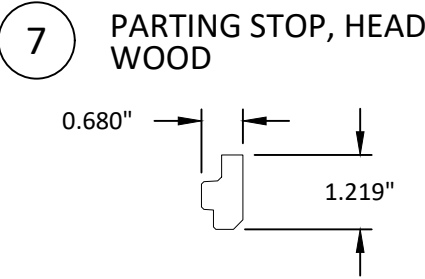
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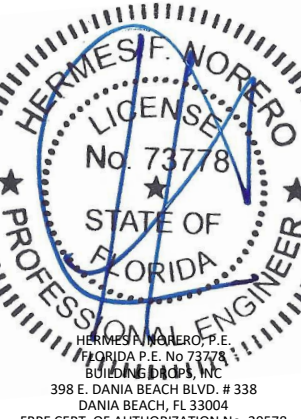
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SHEET: **3**

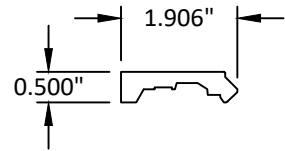
BILL OF MATERIALS			
ITEM #	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME	WOOD	ANDERSEN
2	INTERIOR TRIM STOP, SILL	WOOD	ANDERSEN
3	INTERIOR TRIM STOP, JAMB	WOOD	ANDERSEN
4	INTERIOR TRIM STOP, HEAD	WOOD	ANDERSEN
5	INTERIOR CENTER JAMB TRIM	WOOD	ANDERSEN
6	FILLER BLOCK, HEAD	WOOD	ANDERSEN
7	PARTING STOP, HEAD	WOOD	ANDERSEN
8	SASH RAIL/STILE, INTERIOR	WOOD	ANDERSEN
9	UPPER SASH CHECKRAIL, INTERIOR	WOOD	ANDERSEN
10	LOWER SASH BOTTOM RAIL, INTERIOR	WOOD	ANDERSEN
11	LOWER SASH CHECKRAIL CAP, INTERIOR	WOOD	ANDERSEN
12	FRAME CLADDING, EXTERIOR	FIBREX [®]	ANDERSEN
13	SILL FRAME CLADDING, EXTERIOR	FIBREX [®]	ANDERSEN
14	NAILING FLANGE	RIGID PVC	ANDERSEN
15	SIDE JAMB LINER	RIGID PVC	ANDERSEN
16	BALANCE COVER	RIGID PVC	ANDERSEN
17	HEAD JAMB LINER	RIGID PVC	ANDERSEN
19	SASH RAIL/STILE, EXTERIOR	FIBERGLASS	ANDERSEN
19A	CHECKRAIL LOWER SASH	FIBERGLASS	ANDERSEN
20	LOWER SASH BOTTOM RAIL, EXTERIOR	FIBERGLASS	ANDERSEN
24	INTERLOCK, CHECKRAIL	304 SS	-
25	LOAD BRACKET, CHECKRAIL	GALV. STEEL	-
26	INSTALLATION CLIP	304 SS	-

NOTE: ALL WOOD COMPONENTS ARE PINE

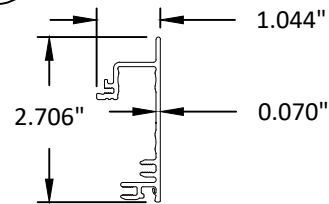


 ANDERSEN WINDOWS & DOORS 100 FOURTH AVE NORTH BAYPORT, MN 55003-1096 PH: (651) 264-5150 FX: (651) 264-5485		
TITLE: A-SERIES DOUBLE HUNG PG UPGRADE WINDOW (NON-HVHZ) (NON-IMPACT)	PREPARED BY: BUILDING DROPS, INC. 398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954) 399-8478 FAX: (954) 744-4738 WEB: www.buildingdrops.com 	
BILL OF MATERIALS & COMPONENTS		
REMARKS	BY	DATE
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FL #: FL15497		
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DWG. BY: SH	CHK. BY: HFN	
SCALE: NTS		
DWG. #: AWD301		
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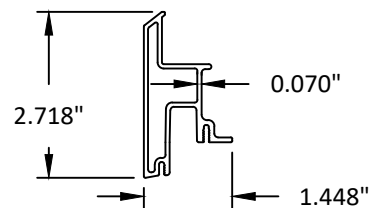
11 LOW. SASH CHECKRAIL CAP, INT. WOOD



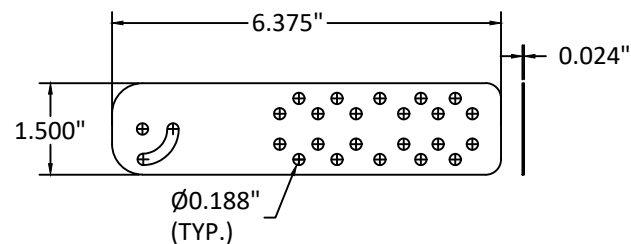
15 SIDE JAMB LINER RIGID PVC



20 LOWER SASH BOTTOM RAIL, EXT. FIBERGLASS

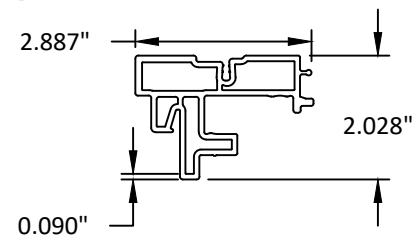


26 INSTALLATION CLIPS 304 SS

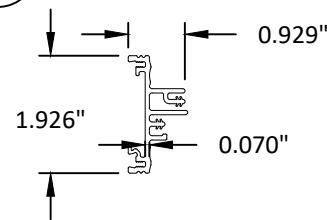


NOTE: INSTALLATION CLIPS SHALL BE ATTACHED TO WINDOW FRAME WITH TWO (2) #8 X 5/8" SCREWS

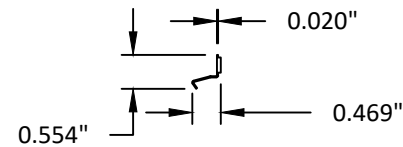
12 FRAME CLADDING, EXT. FIBREX



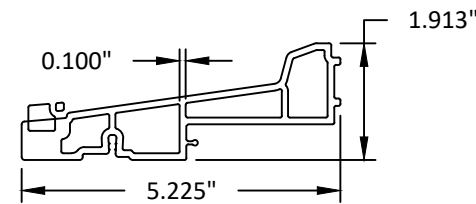
16 BALANCE COVER RIGID PVC



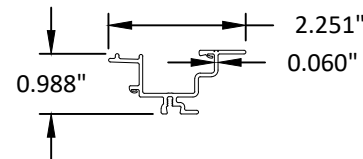
24 INTERLOCK, CHECKRAIL 304 SS



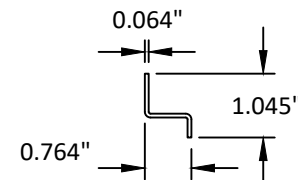
13 SILL FRAME CLADDING, EXT. FIBREX



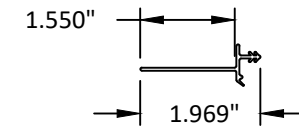
17 HEAD JAMB LINER RIGID PVC



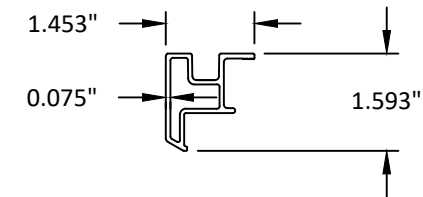
25 LOAD BRACKET CHECKRAIL GALV. STEEL (INTERLOCK)



14 NAILING FLANGE RIGID PVC



19 SASH RAIL/STILE, EXT. FIBERGLASS



100 FOURTH AVE NORTH
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PG UPGRADE WINDOW
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COMPONENTS

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DANIA BEACH, FL 33004

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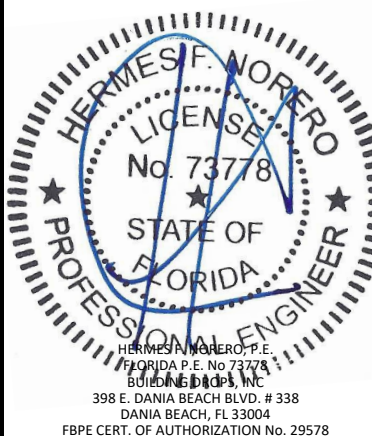
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