

ANDERSEN CORPORATION

VINYL CLAD SPECIALTY DIRECT GLAZED (IMPACT)



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

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 ±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. **INSTALLATION CLIP:** FOR INSTALLATION INTO 2X WOOD BUCK USE TWO (2) #8 WOOD SCREWS OR ONE (1) #10 WOOD SCREW THROUGH INSTALLATION CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
5. **INSTALLATION CLIP:** FOR INSTALLATION THROUGH METAL STRUCTURE USE ONE (1) #8 SELF-TAPPING SCREWS THROUGH THE INSTALLATION CLIP WITH 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE.
6. **INSTALLATION CLIP:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE ONE (1) 3/16 INCH ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. 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.
10. 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.
11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.
 - D. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS (20 GAUGE).
 - E. ALUMINUM - ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2006 INTERNATIONAL BUILDING CODE (IBC) AND INTERNATIONAL RESIDENTIAL CODE (IRC) WITH 2006 TEXAS REVISIONS, EFFECTIVE JANUARY 1, 2008 AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/ I.S.2/A440-08/11
 - ASTM E 1886-02/05
 - ASTM E 1996-02/05
2. 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.
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.
5. APPROVED IMPACT PROTECTIVE SYSTEM IS **NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PONDEROSA PINE OR EQUIVALENT
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAILS.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

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DESIGN PRESSURE RATING		
INSTALLATION	DESIGN PRESSURE	MISSILE IMPACT RATING
INSTALLATION CLIP	+70 / -70 PSF	LARGE & SMALL MISSILE IMPACT RATED

TITLE: VINYL CLAD DG (IMPACT)
GENERAL & INSTALLATION NOTES

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS	DESCRIPTION	BY	DATE
		NO.	

8-4-2015
 HERMES F. MORRIS, P.E.
 ENGINEER
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004

DATE: 08.06.12
 DWN BY: MS
 CHK BY: HFN
 SCALE: NTS

DWG #: **AWD068**

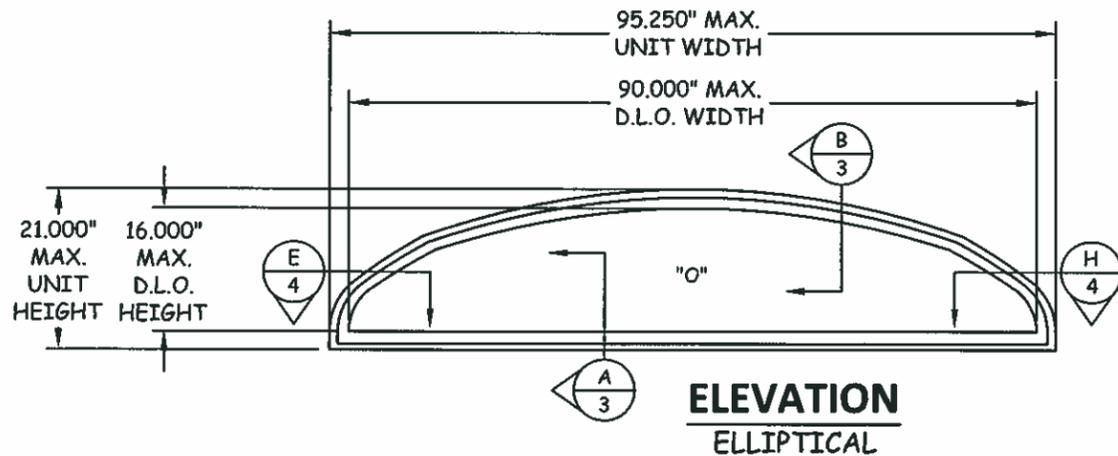
SHEET: **1 OF 5**

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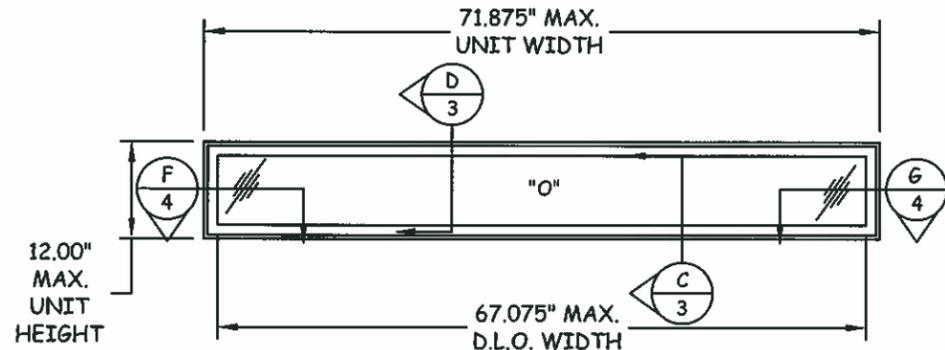


100 FOURTH AVE N NORTH
 BAYPORT, MN 55003-1096
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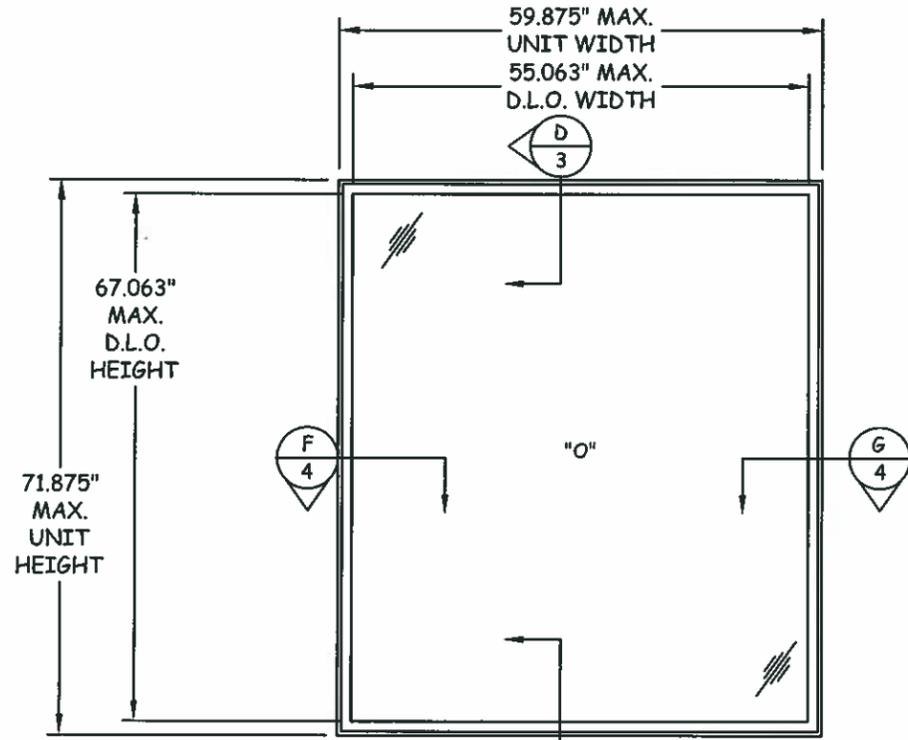
TITLE: VINYL CLAD DG (IMPACT)
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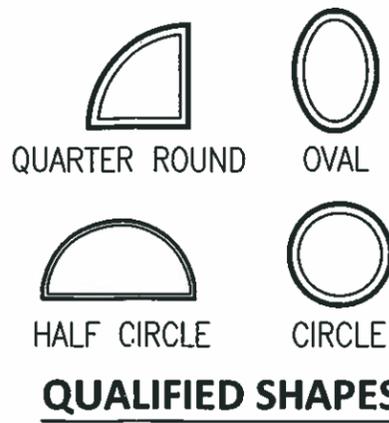
ELEVATION
 ELLIPTICAL



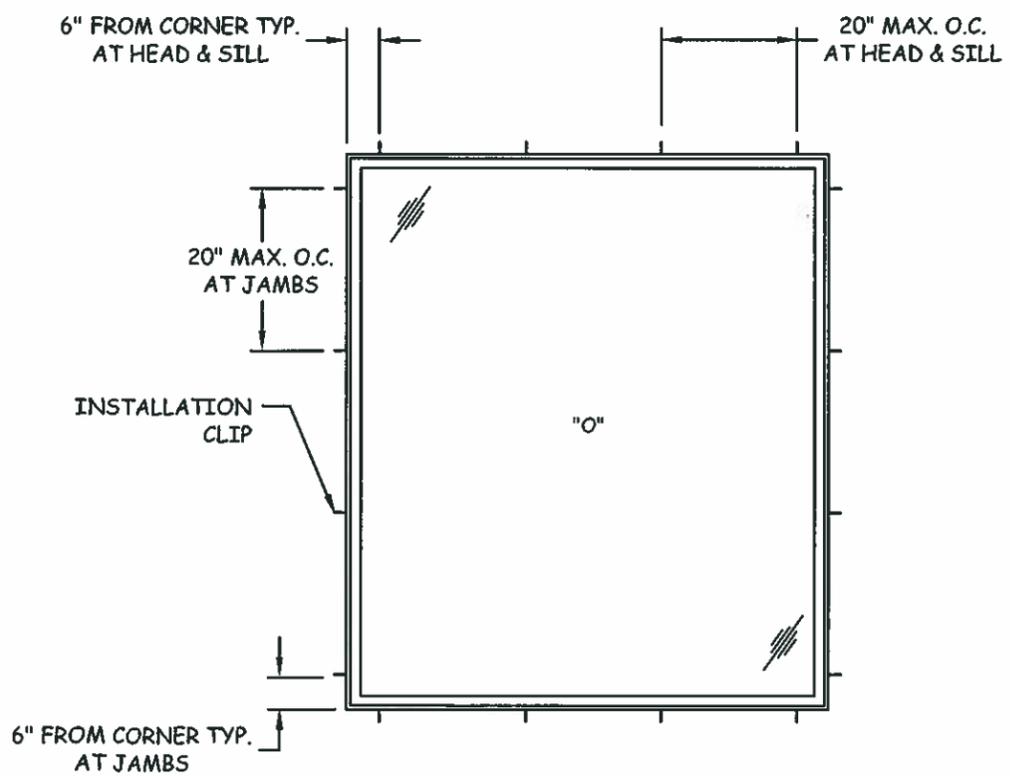
ELEVATION
 TRANSOM



ELEVATION



NOTE:
 WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM SIZE TESTED SHOWN HEREIN. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT.



ANCHOR LAYOUT
 INSTALLATION CLIP
 APPLIES TO ALL SHAPES

REVISIONS			
NO.	DESCRIPTION	BY	DATE
A	REMOVED TRIPLE TRANSOM	MS	09.18.13

[Signature]
 8-4-2015
 JAMES F. NORRIS, P.E.
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004

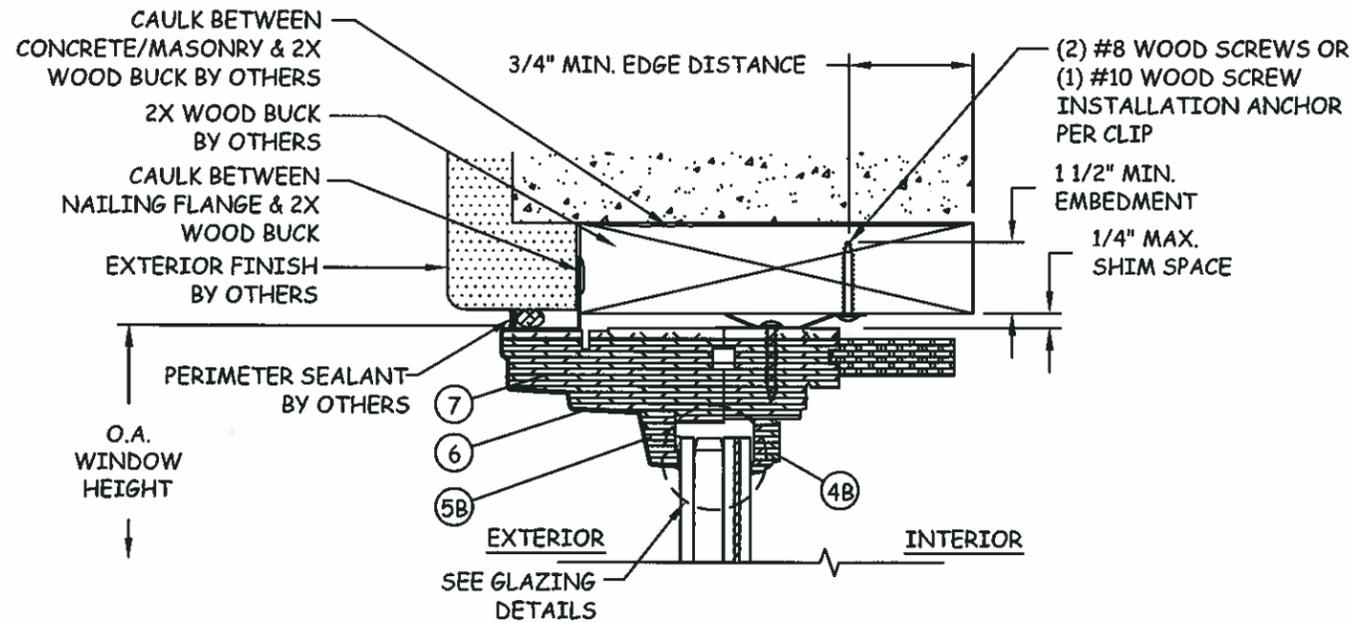
DATE: 08.06.12
 DWN BY: MS
 CHK BY: HFN
 SCALE: NTS

DWG #: **AWD068**
 SHEET: **2 OF 5**

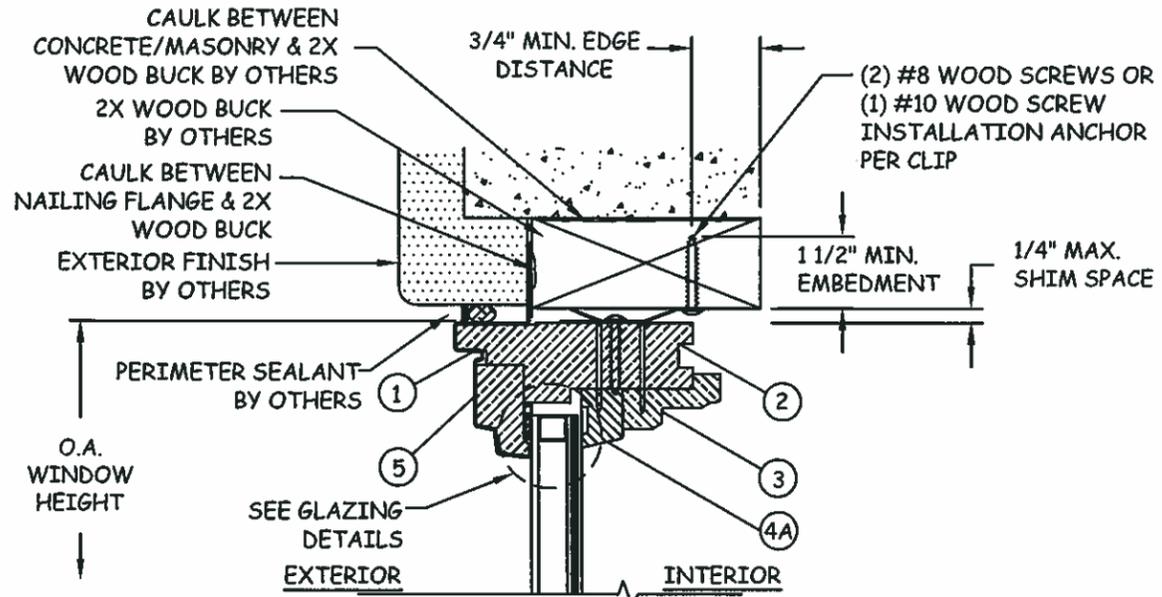
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TITLE: VINYL CLAD DG (IMPACT)
VERTICAL SECTIONS

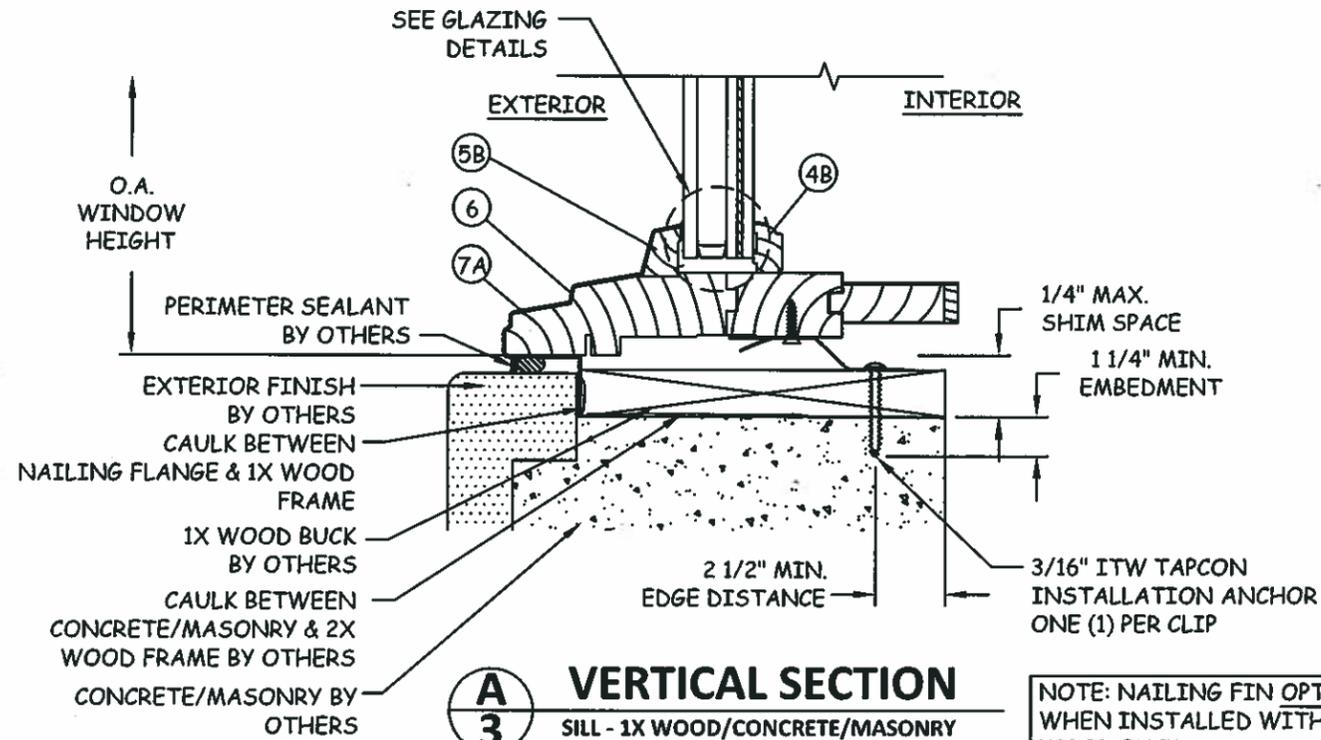
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004
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B
3 VERTICAL SECTION
HEAD - 2X WOOD BUCK
INSTALLATION CLIP

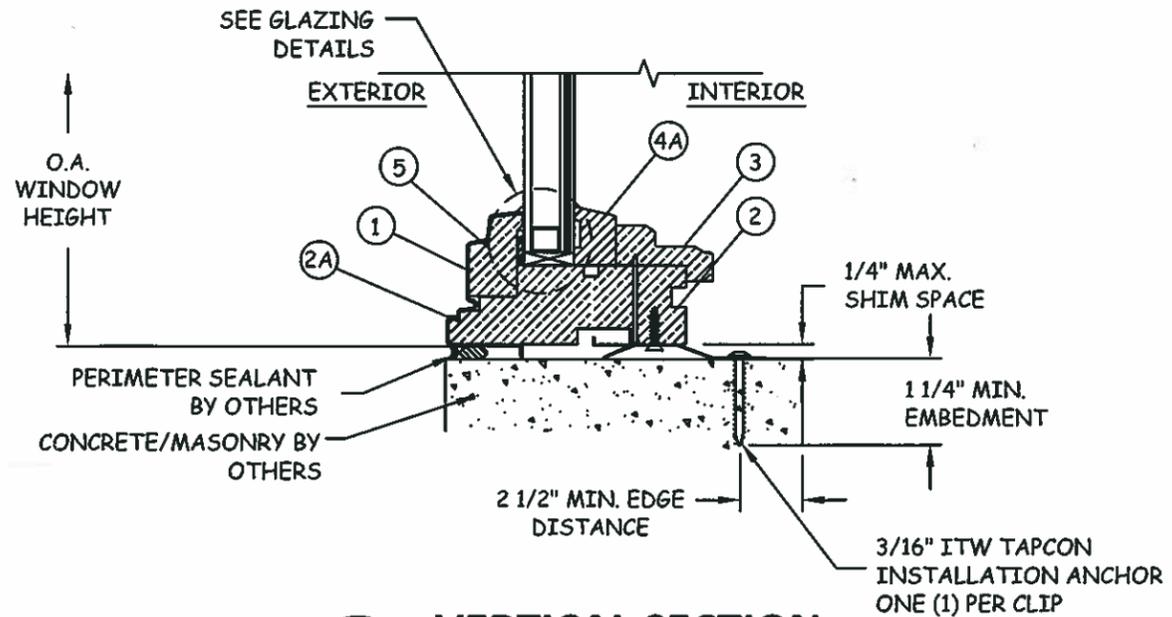


D
3 VERTICAL SECTION
HEAD - 2X WOOD BUCK
INSTALLATION CLIP



A
3 VERTICAL SECTION
SILL - 1X WOOD/CONCRETE/MASONRY
INSTALLATION CLIP

NOTE: NAILING FIN OPTIONAL
WHEN INSTALLED WITH 1X
WOOD BUCK.



C
3 VERTICAL SECTION
SILL - 2X WOOD BUCK
NAILING FLANGE

NO.	DESCRIPTION	BY	DATE

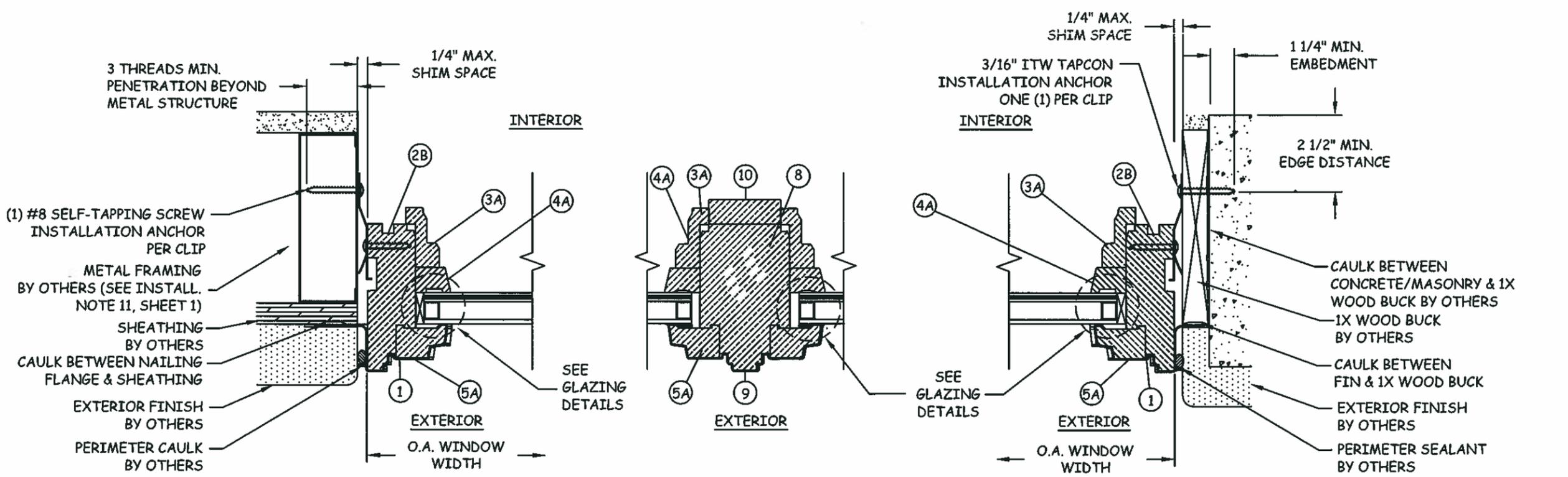
REVISIONS

8-4-2015

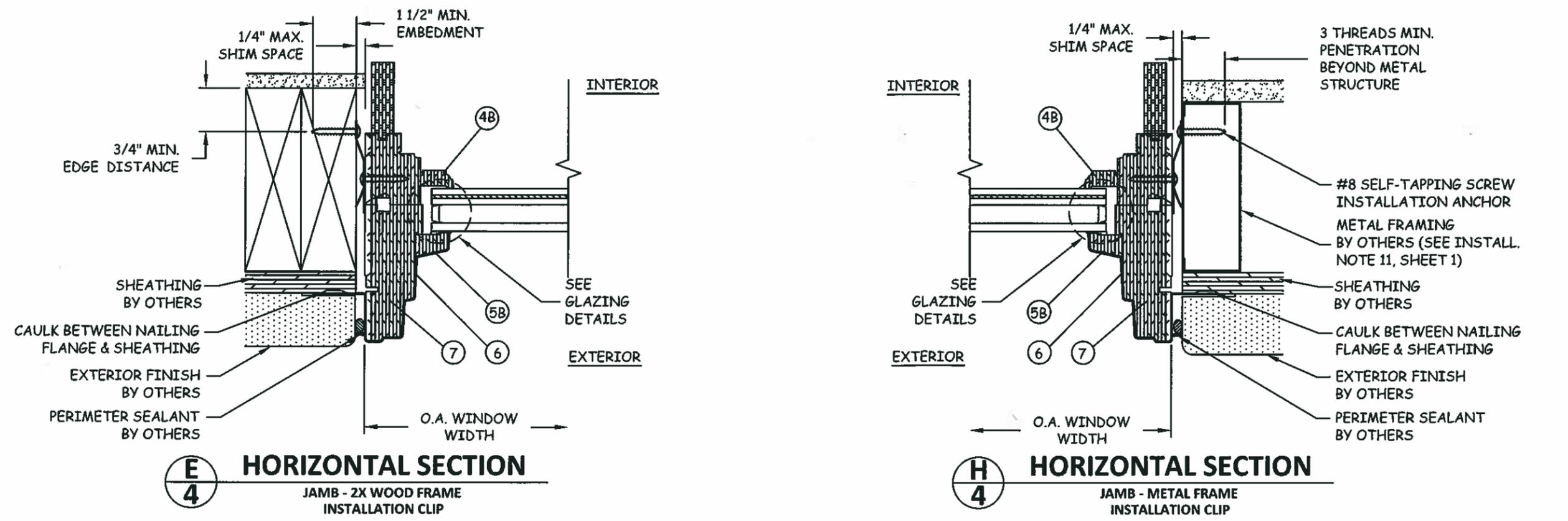
HERMES F. NUNO, P.E.
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

DATE: 08.06.12
DWN BY: MS
CHK BY: HFN
SCALE: NTS

DWG #: AWD068
SHEET: 3 OF 5



NOTE: NAILING FIN OPTIONAL WHEN INSTALLED WITH 1X WOOD BUCK.



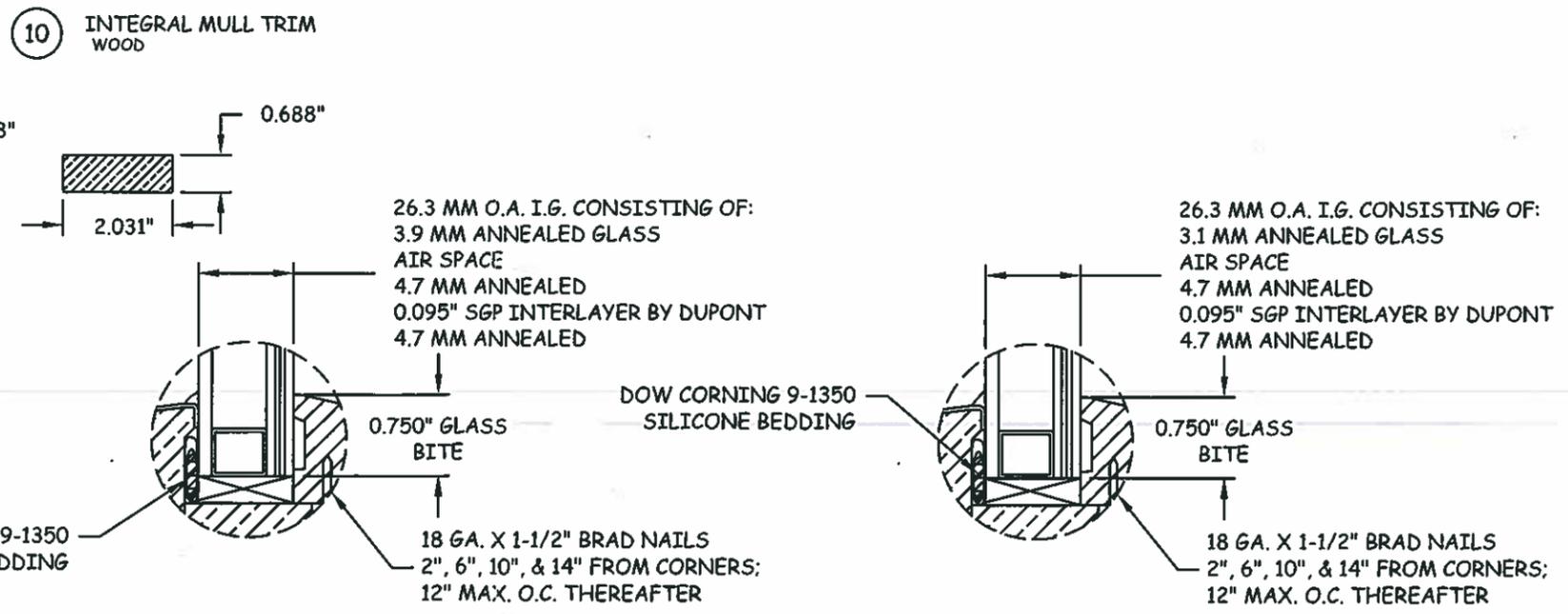
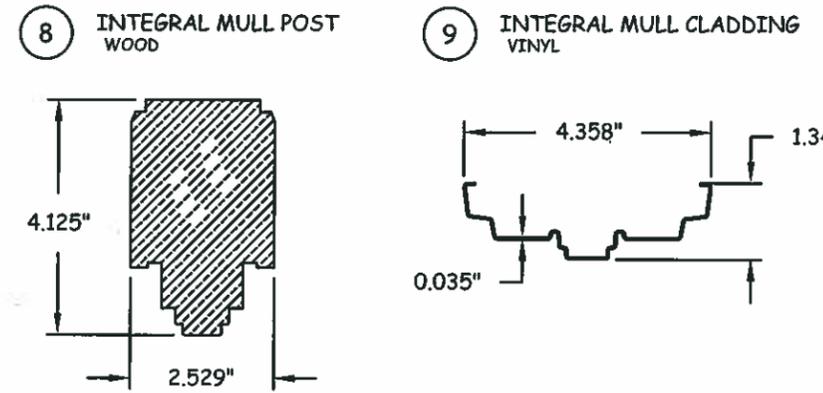
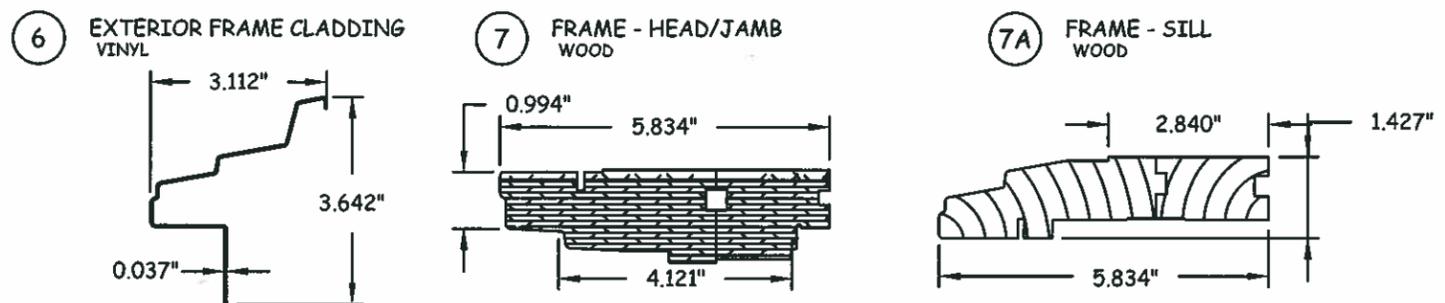
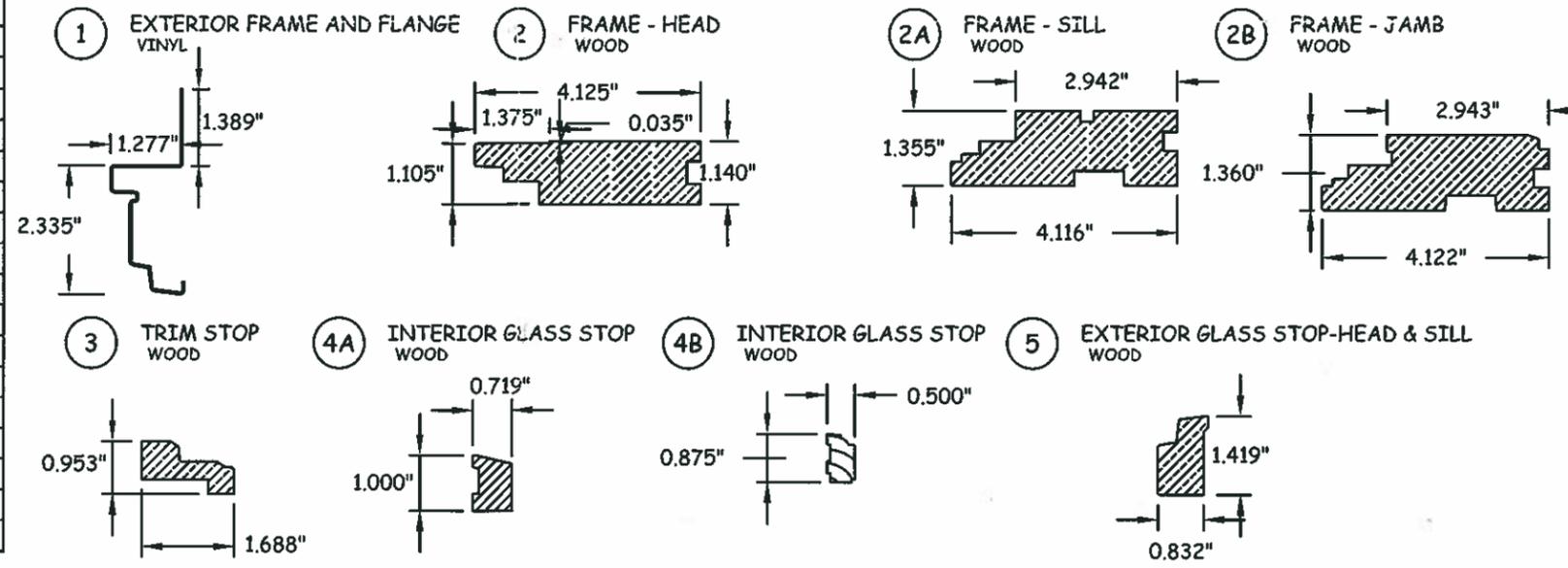
NO.	DESCRIPTION	BY	DATE

8-24-2015
HENNES F. HOFERCO, P.E.
TELEAS 1' E. NO. 118471
398 E. DANIA BEACH BLVD. #338
DANIA BEACH, FL 33004

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BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	MANUFACTURERS
1	EXTERIOR FRAME CLADDING	VINYL	ANDERSEN CORPORATION
2	FRAME - HEAD	WOOD	ANDERSEN CORPORATION
2A	FRAME - SILL	WOOD	ANDERSEN CORPORATION
2B	FRAME - JAMB	WOOD	ANDERSEN CORPORATION
3	I.G. TRIM STOP	WOOD	ANDERSEN CORPORATION
4A	I.G. GLASS STOP-INTERIOR	WOOD	ANDERSEN CORPORATION
4B	I.G. GLASS STOP-INTERIOR	WOOD	ANDERSEN CORPORATION
5	GLASS STOP-EXTERIOR	WOOD	ANDERSEN CORPORATION
5A	GLASS STOP-EXTERIOR	WOOD	ANDERSEN CORPORATION
5B	GLASS STOP-EXTERIOR	WOOD	ANDERSEN CORPORATION
6	EXTERIOR FRAME CLADDING	VINYL	ANDERSEN CORPORATION
7	FRAME - HEAD/JAMB	WOOD	ANDERSEN CORPORATION
7A	FRAME - SILL	WOOD	ANDERSEN CORPORATION
8	INTEGRAL MULL POST	WOOD	ANDERSEN CORPORATION
9	INTEGRAL MULL CLADDING	VINYL	ANDERSEN CORPORATION
10	INTEGRAL MULL TRIM	WOOD	ANDERSEN CORPORATION

NOTE: ALL WOOD TO BE PONDEROSA PINE OR EQUIVALENT.



GLAZING DETAIL A

GLAZING DETAIL B

NOTE: GLAZING DETAIL B FOR ELLIPTICAL AND TRANSOM UNITS ONLY



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 PREPARED BY: BUILDING DROPS, INC.
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 DANIA BEACH, FL 33004
 PH: (954) 399-8478 FX: (954) 744-4738

REVISIONS	DESCRIPTION	BY	DATE	NO.

8-4-2015
 JAMES F. SCHERRO, P.E.
 TEXAS P. E. NO. 111477
 398 E. DANIA BEACH BLVD. #338
 DANIA BEACH, FL 33004

DATE:	08.06.12
DWN BY:	MS
CHK BY:	HFN
SCALE:	NTS

DWG #: **AWD068**
 SHEET: **5 OF 5**

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