

SIMPSON DOOR COMPANY

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT(S) NO. CCLI-16-026 AND ASSOCIATED LABORATORY DRAWINGS.
3. 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 STRUCTURE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. 1X (OPTIONAL) 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 ARCHITECT OR ENGINEER OF RECORD.
5. 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, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED FOR USE WITH THIS DOCUMENT.
6. WHEN USED IN AREAS OUTSIDE OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIRING WIND BORNE DEBRIS PROTECTION, THIS PRODUCT COMPLIES WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING. THIS PRODUCT MEETS MISSILE LEVEL "D" AND INCLUDES WIND ZONE 4 AS DEFINED IN ASTM E 1996 AS MODIFIED BY THE CURRENT EDITION OF THE FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL VOLUMES.
7. MATERIALS:
 - 7.1. WINDOW FRAME: PINE
 - 7.2. PANEL CORE MATERIAL: WESTERN HEMLOCK OR DOUGLAS FIR
 - 7.3. PANEL FACE VENEER: VARIABLE
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAIL.
9. OPERABILITY DESIGNATIONS STAND FOR THE FOLLOWING (AS APPLICABLE):
 - 9.1. X: OPERABLE PANEL
 - 9.2. O: FIXED PANEL

INSTALLATION NOTES:

1. ONE (1) SUBSTRATE INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON SHEET 3.
2. ANCHORS ARE TO MATCH TYPE, SIZE, EDGE DISTANCE AND EMBEDMENT OF THOSE SHOWN IN THE INSTALLATION ANCHOR SCHEDULE ON THIS SHEET FOR THE RESPECTIVE SUBSTRATE.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING).
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
6. 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.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS. ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE INSTALLATION ANCHOR SCHEDULE ON THIS SHEET.

TABLE OF CONTENT	
SHEET	DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	ELEVATIONS
3	ANCHOR LOCATIONS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS & GLAZING DETAIL

PERFORMANCE RATINGS				
DESIGN PRESSURE (psf)				IMPACT RATING
CONFIGURATION	MAXIMUM SIZE	WHERE WATER PENETRATION REQUIREMENT EXISTS	WHERE WATER PENETRATION REQUIREMENT DOES NOT EXIST	
O	37-1/2" X 37-1/2" (NOTE 1)	+/-50	+/-50	WIND ZONE 4 MISSILE LEVEL D
O	73-1/2" X 37-1/2" (NOTE 1)	+/-50	+/-50	
OO	111" X 37-1/2 (NOTE 2)	+/-50	+/-50	
OOO	148-1/2" X 37-1/2" (NOTE 3)	+/-50	+/-50	

NOTES:

1. MAXIMUM SINGLE TRANSOM (O) SHALL BE MAXIMUM 73-1/2" X 37-1/2". SMALLER SIZES ARE ENVELOPED.
2. MAXIMUM DOUBLE TRANSOM (OO) SHALL BE MAXIMUM 111" X 37-1/2". SMALLER SIZES ARE ENVELOPED.
3. MAXIMUM TRIPLE TRANSOM (OOO) SHALL BE MAXIMUM 148-1/2" X 37-1/2". SMALLER SIZES ARE ENVELOPED.

SUBSTRATE	HEAD TYPE	SIZE	MANUFACTURER AND/OR SPECIFICATION	MIN. EMBEDMENT (IN)	MIN. EDGE DISTANCE (IN)	MIN. SPACING (IN)	CAPACITIES BASED ON
CONCRETE	FLAT HEAD	3/16"	ITW TAPCON	1 1/2	1 1/4	3	MINIMUM COMPRESSIVE STRENGTH OF 2500 psi.
			Elco Ultracon	1 3/8	1	3	
MASONRY (BLOCK/CMU)	FLAT HEAD	3/16"	ITW TAPCON	1	2	3	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT/117 PCF DENSITY (OR GREATER) WITH COMPRESSIVE STRENGTH OF 1900 PSI MIN.
			Elco Ultracon	1 1/2	2 1/2	3	
WOOD (1)	FLAT HEAD	No. 10	ANSI B18.6.1 (WOOD SCREW) ASME B18.6.4 (TAPPING SCREW)	1 3/8	3/4	3/4	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42

NOTES:

1) FOR WOOD AND TAPPING SCREWS WHERE SPLITTING IS A CONCERN, DRILL 0.112" (No. 34 DRILL SIZE) PILOT HOLE FOR WOOD FRAME INSTALLATION.

PROJECT NO. 413-0907				
REV	DESCRIPTION	DATE	BY	

SIMPSON DOOR COMPANY

400 W. SIMPSON AVENUE

McCLEARY, WASHINGTON 98557

**SERIES 7721 GLAZED WOOD FIXED TRANSOM
GENERAL AND INSTALLATION NOTES**

PREPARED BY:

DRAWN BY:

DATE: _____

DATE: _____

DATE: _____

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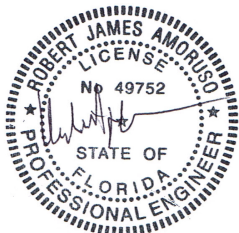
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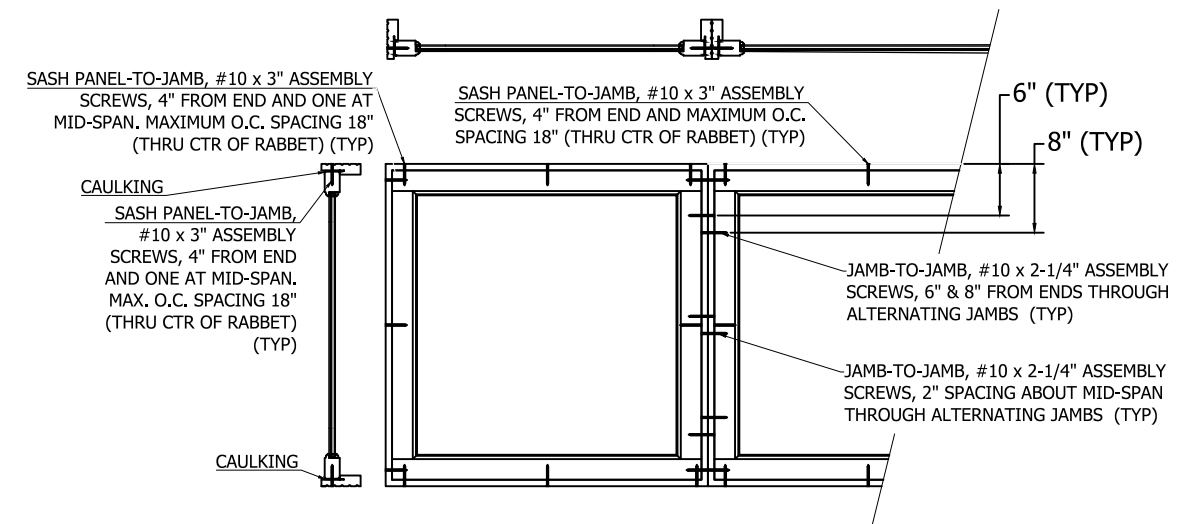
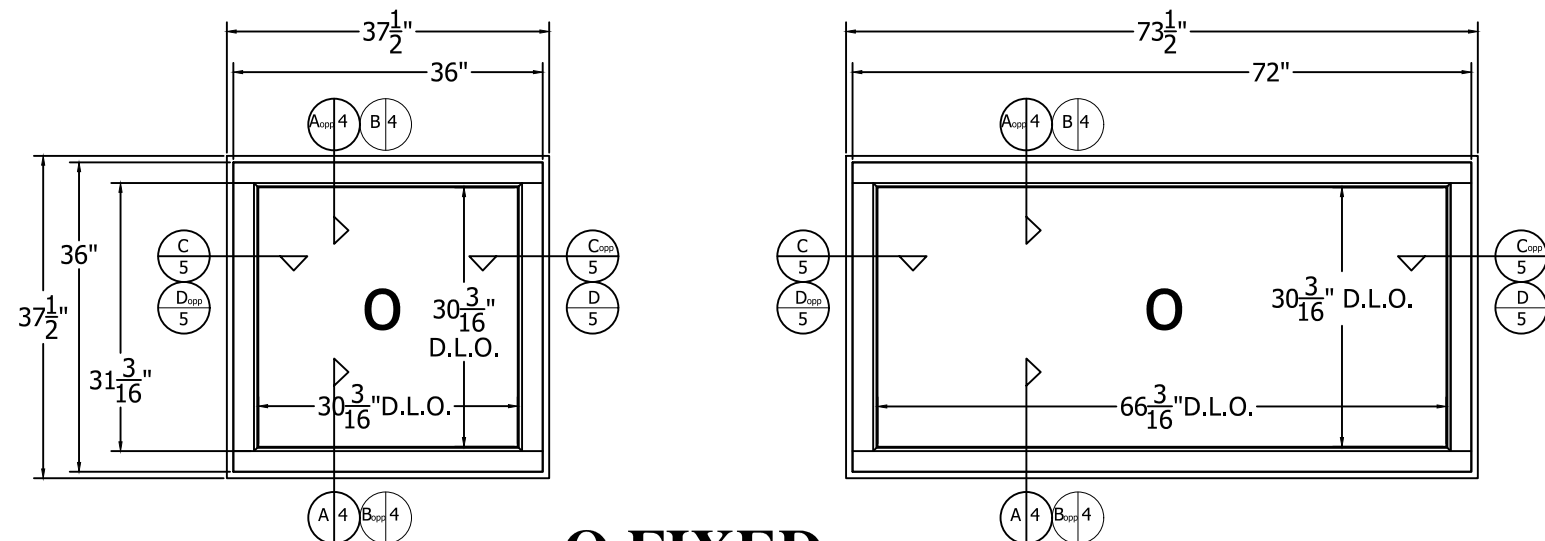
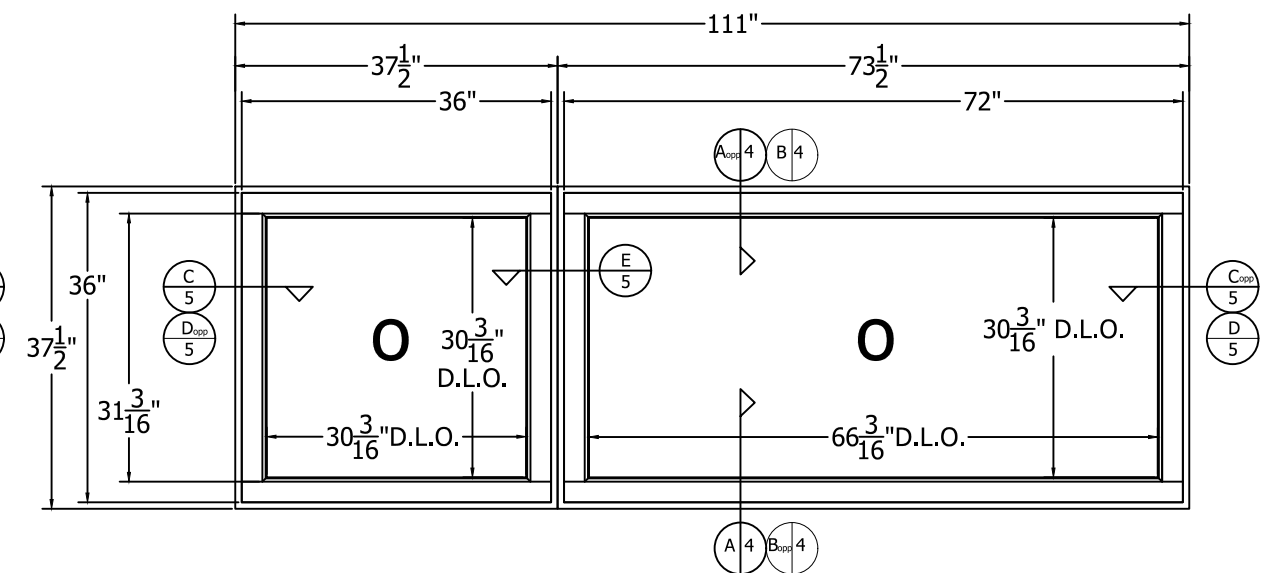
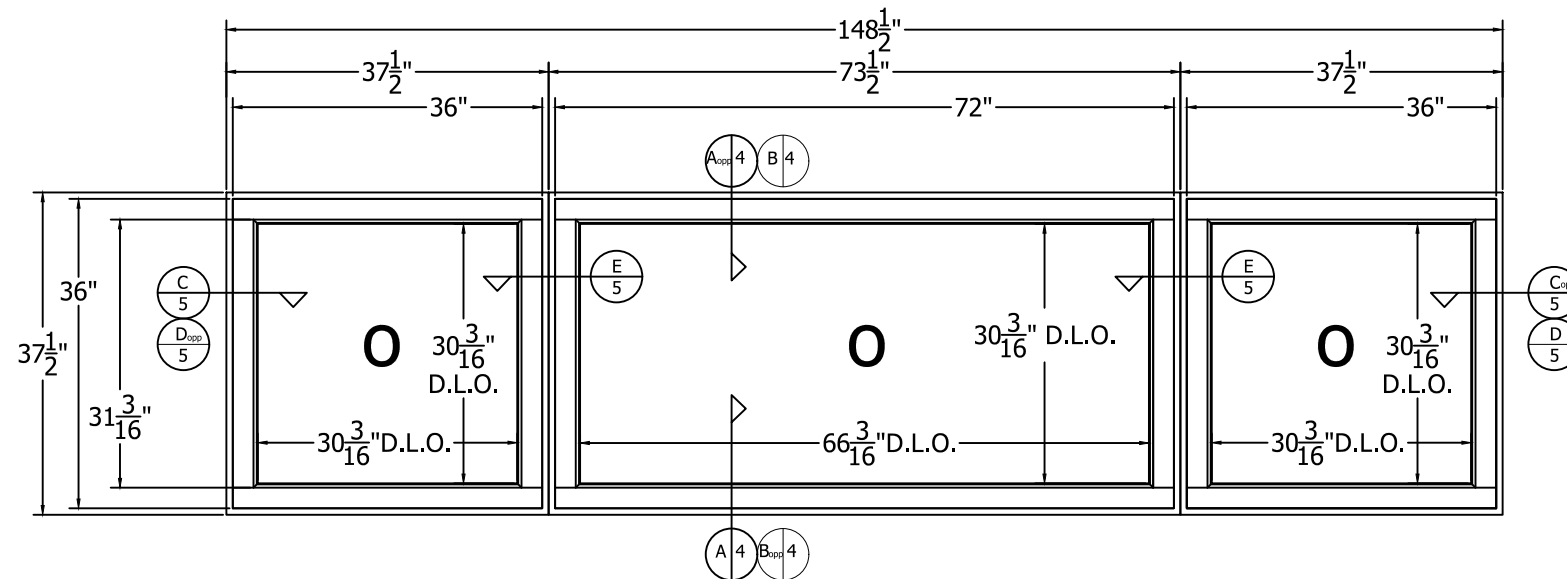
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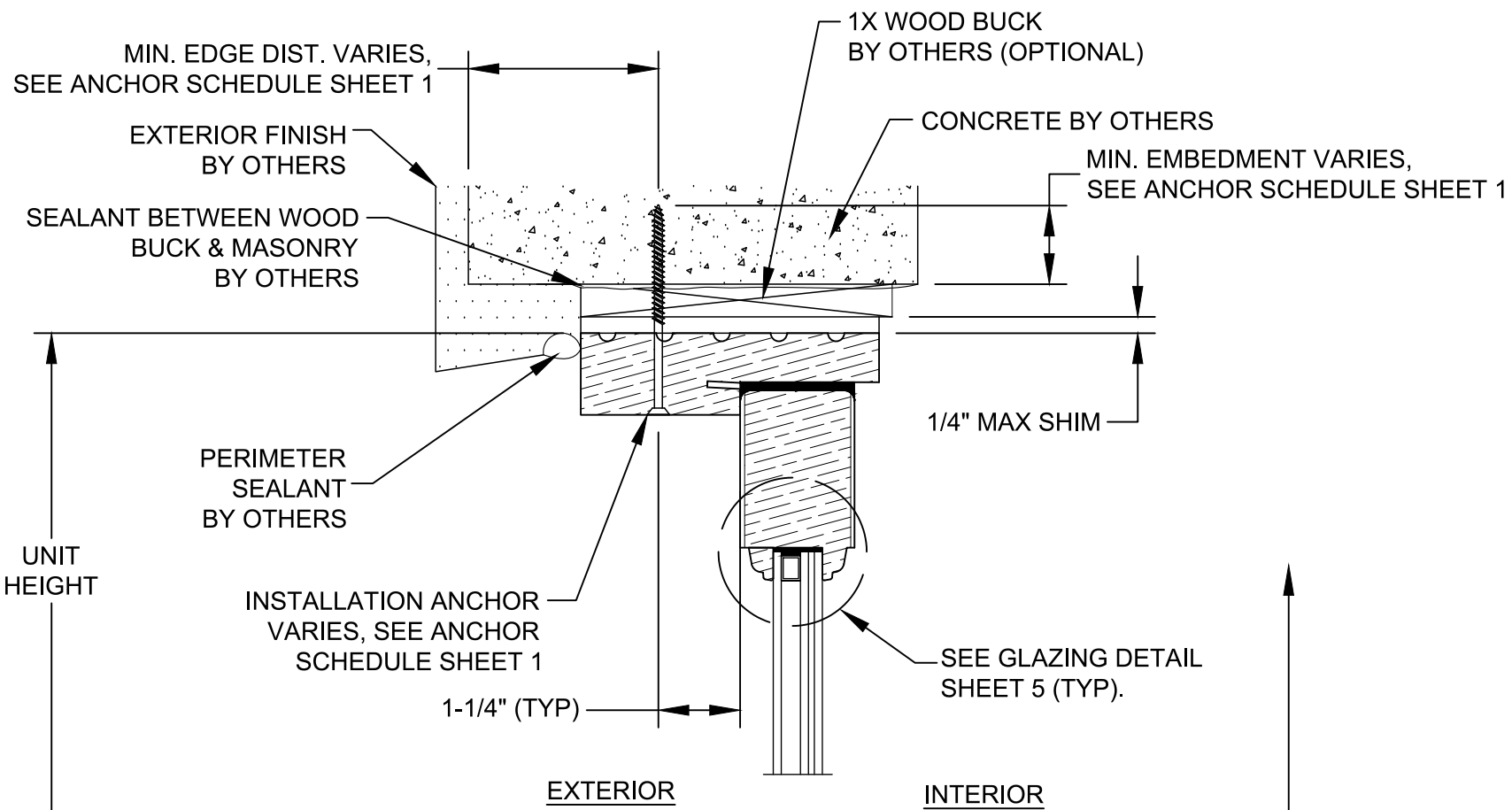


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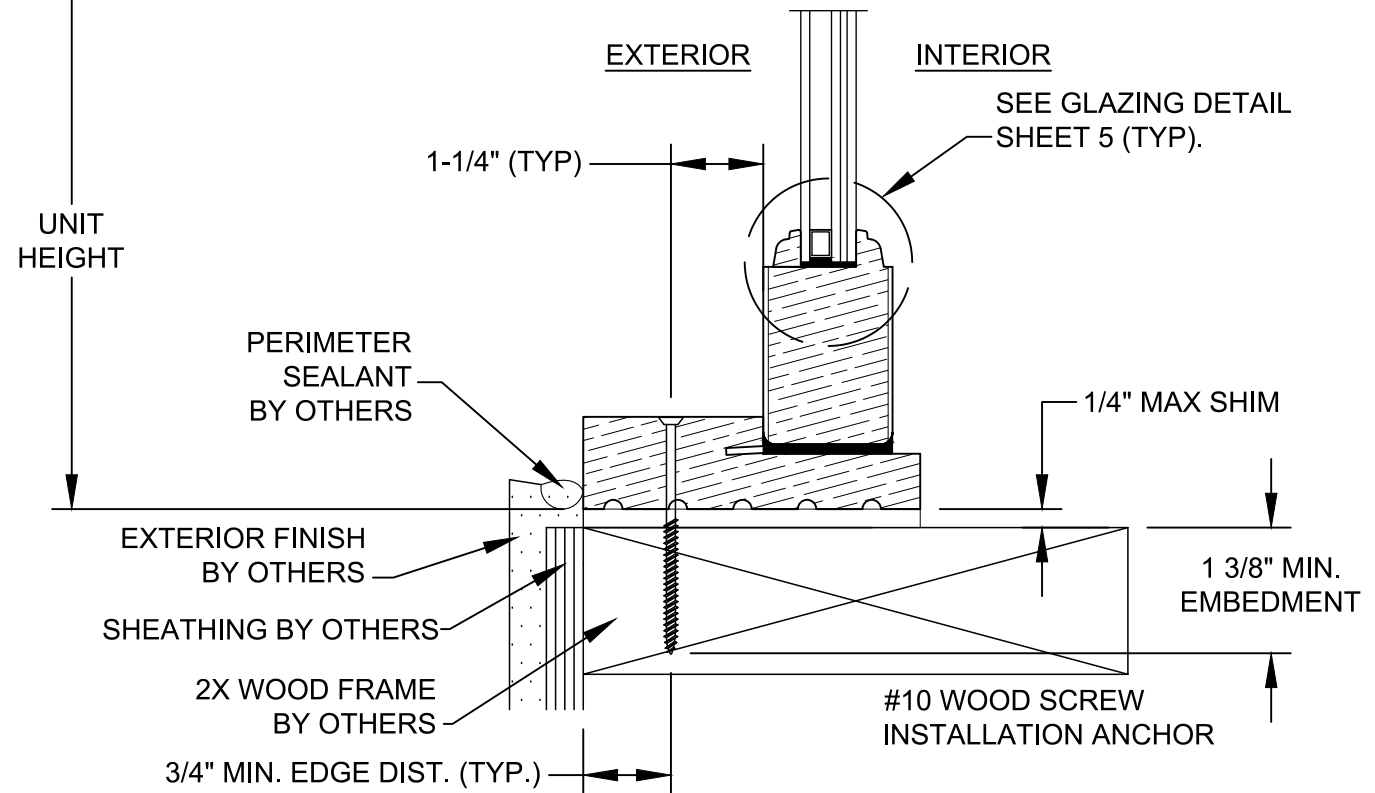




B

VERTICAL SECTION

CONCRETE SUBSTRATE INSTALLATION



A

VERTICAL SECTION

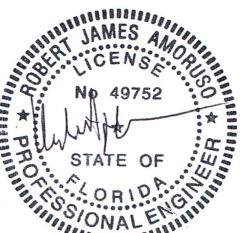
2X WOOD SUBSTRATE INSTALLATION

PROJECT NO. 413-0907

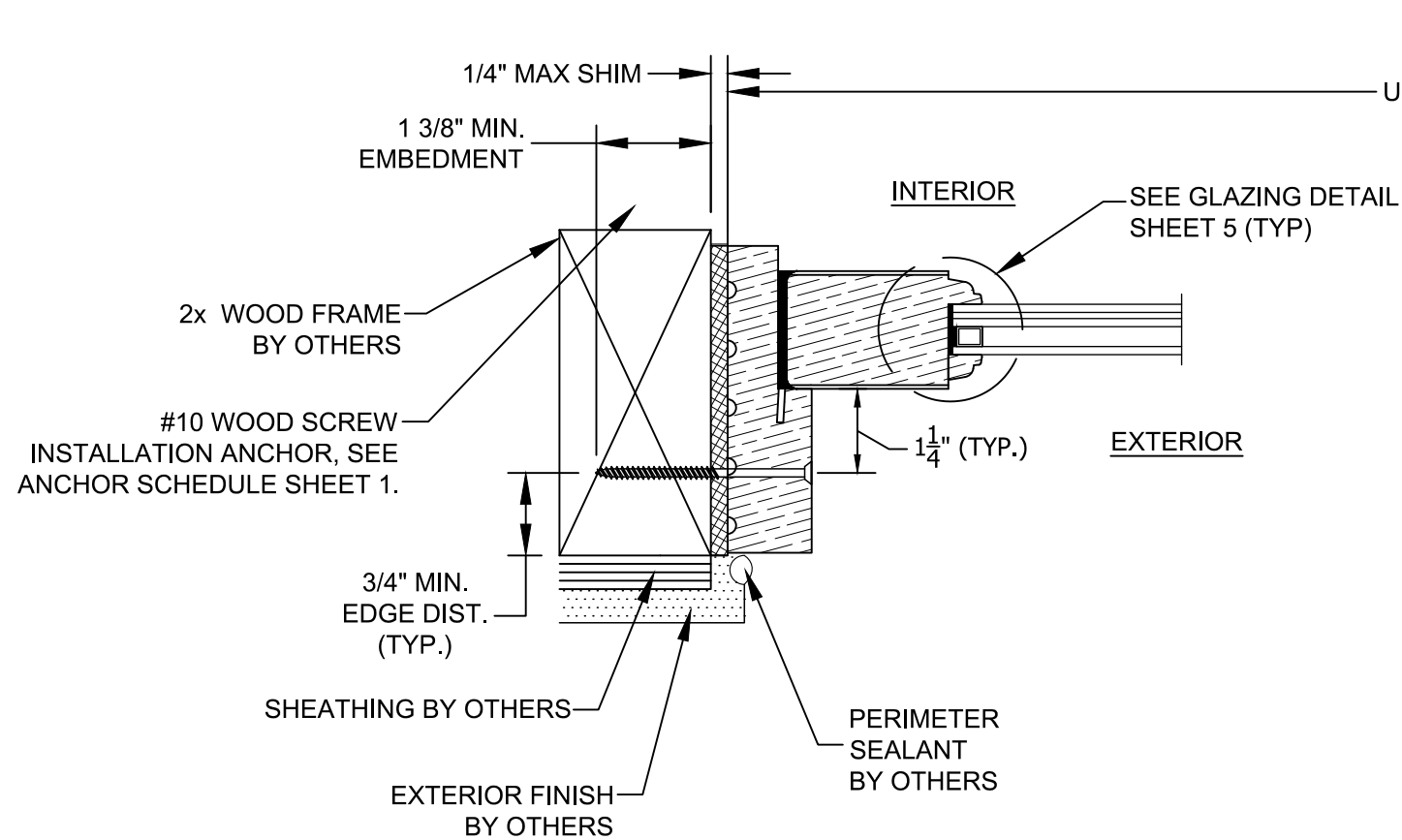
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400 W. SIMPSON AVENUE
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SERIES 7721 GLAZED WOOD FIXED TRANSOM
VERTICAL SECTIONS

PREPARED BY: **PTC**
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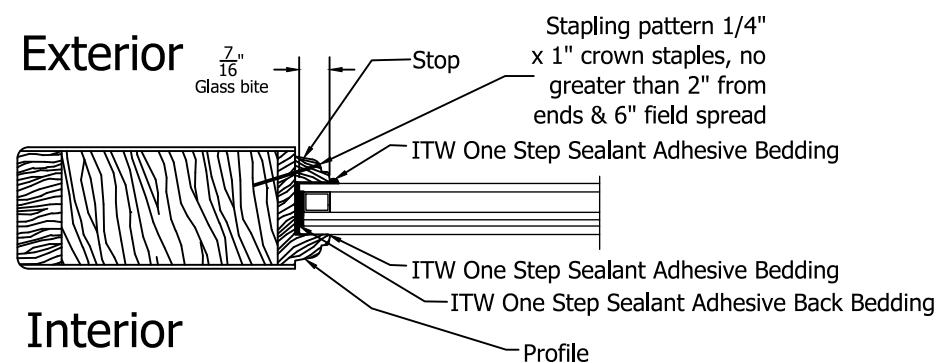
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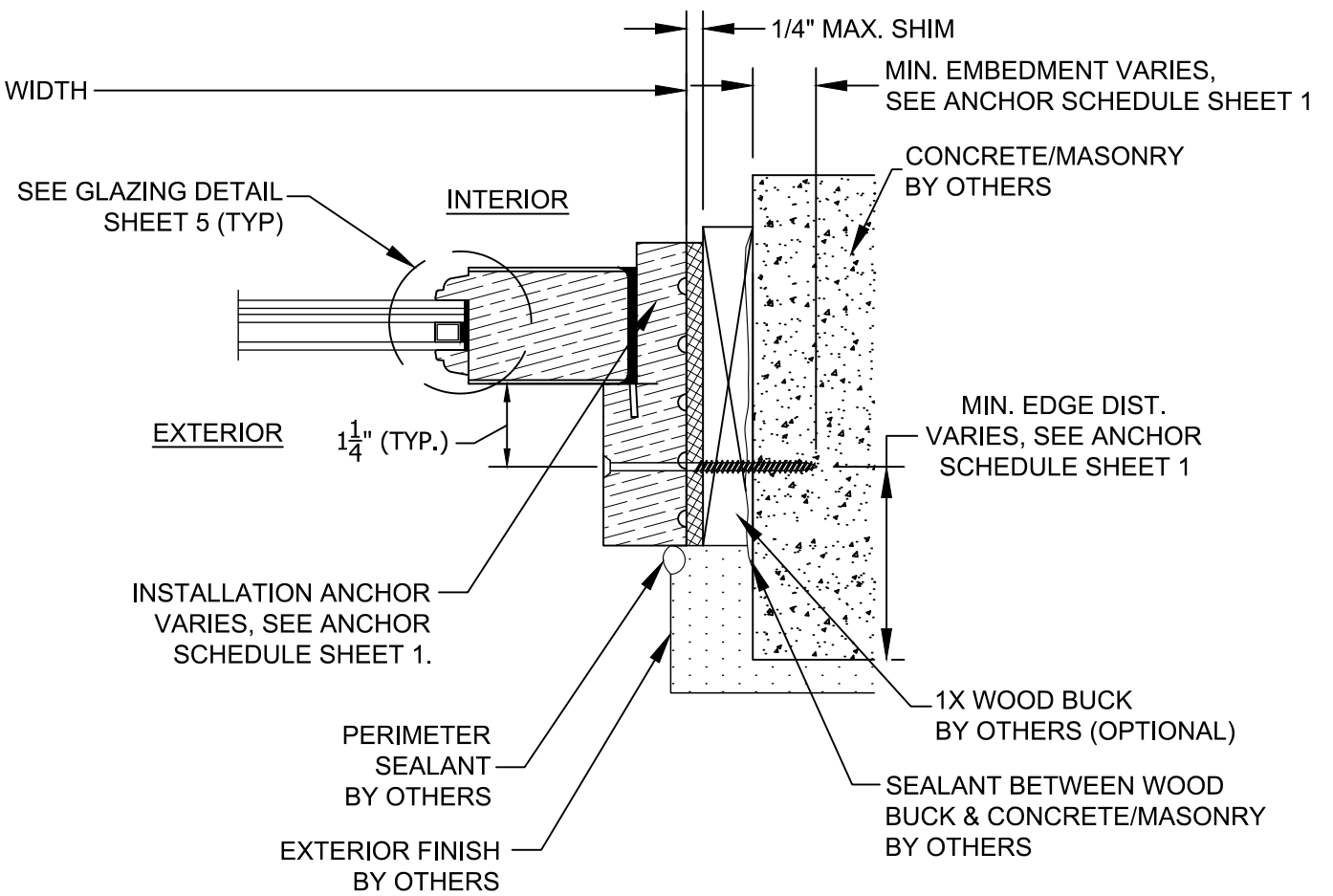


C HORIZONTAL SECTION
2X WOOD SUBSTRATE INSTALLATION

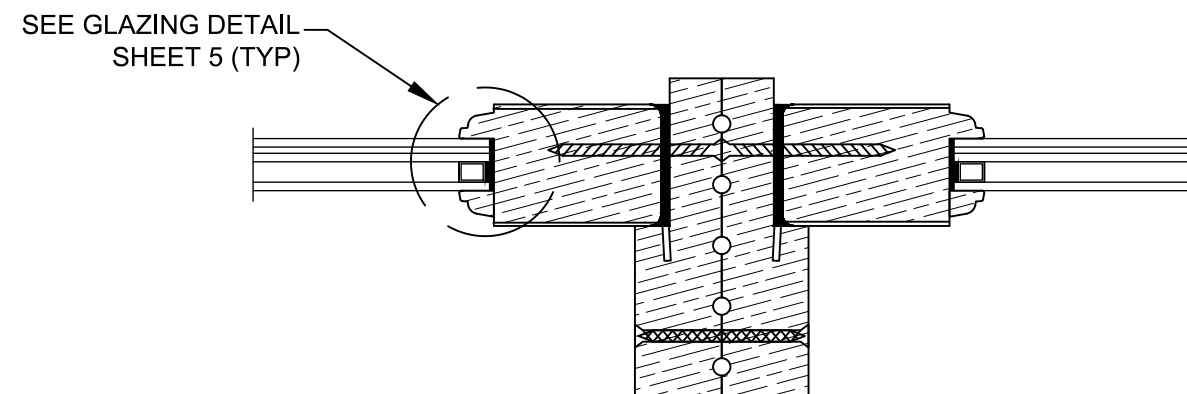


3/4" O.A. LAMI IGU:1/8" TEMPERED GLASS AT THE EXTERIOR WITH 5/16" AIRSPACE AND LAMINATED TWO (2) PIECES 1/8" ANNEALED GLASS WITH 0.090" KURARAY AMERICA BUTACITE PVB LAMINATE AT INTERIOR. GLASS INSULATED WITH ENDUR AIR SPACER BY CARDINAL.

GLAZING DETAIL



D HORIZONTAL SECTION
CONCRETE/MASONRY SUBSTRATE INSTALLATION



E HORIZONTAL SECTION
JAMB-TO-JAMB
(SEE SHEET 2 FOR SASH
PANEL-TO-FRAME JAMB AND
JAMB-TO-JAMB CONNECTION DETAILS)

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SERIES 7721 GLAZED WOOD FIXED TRANSOM

HORIZONTAL SECTIONS & GLAZING DETAILS

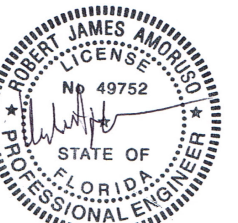
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