


SIMPSON DOOR COMPANY

NON-IMPACT FIXED GLAZED WOOD SIDELIGHT INSTALLATION ANCHORAGE DETAILS

PROJECT # 419-1112				
	A	UPDATE FOR RE-EVALUATION	10/26/21	RJA
	REV	DESCRIPTION	DATE	BY

CUSTOMER: SIMPSON DOOR COMPANY 400 W. SIMPSON AVENUE McCLEARY, WASHINGTON 98557	TITLE: NON-IMPACT FIXED GLAZED WOOD SIDELIGHT GENERAL AND INSTALLATION NOTES		DATE: 05/31/12	DRAWING NO: SIMP2061
	DRAWN BY: T.J.H.	SCALE: N.T.S.	REV: A	SHEET: 1 OF 5
	 <p style="font-size: small; margin: 0;">PDC PRODUCT DESIGN GROUP, LLC PO BOX 520715 LONGWOOD, FLORIDA 32752 Phone: 321.690.1788 Fax: 321.690.1789 TX CERTIFICATE OF REGISTRATION NO. F-13740 Email: info@pdc-corp.com</p>			

Robert J. Amoruso
TX P.E. No. 80817

GENERAL NOTES:

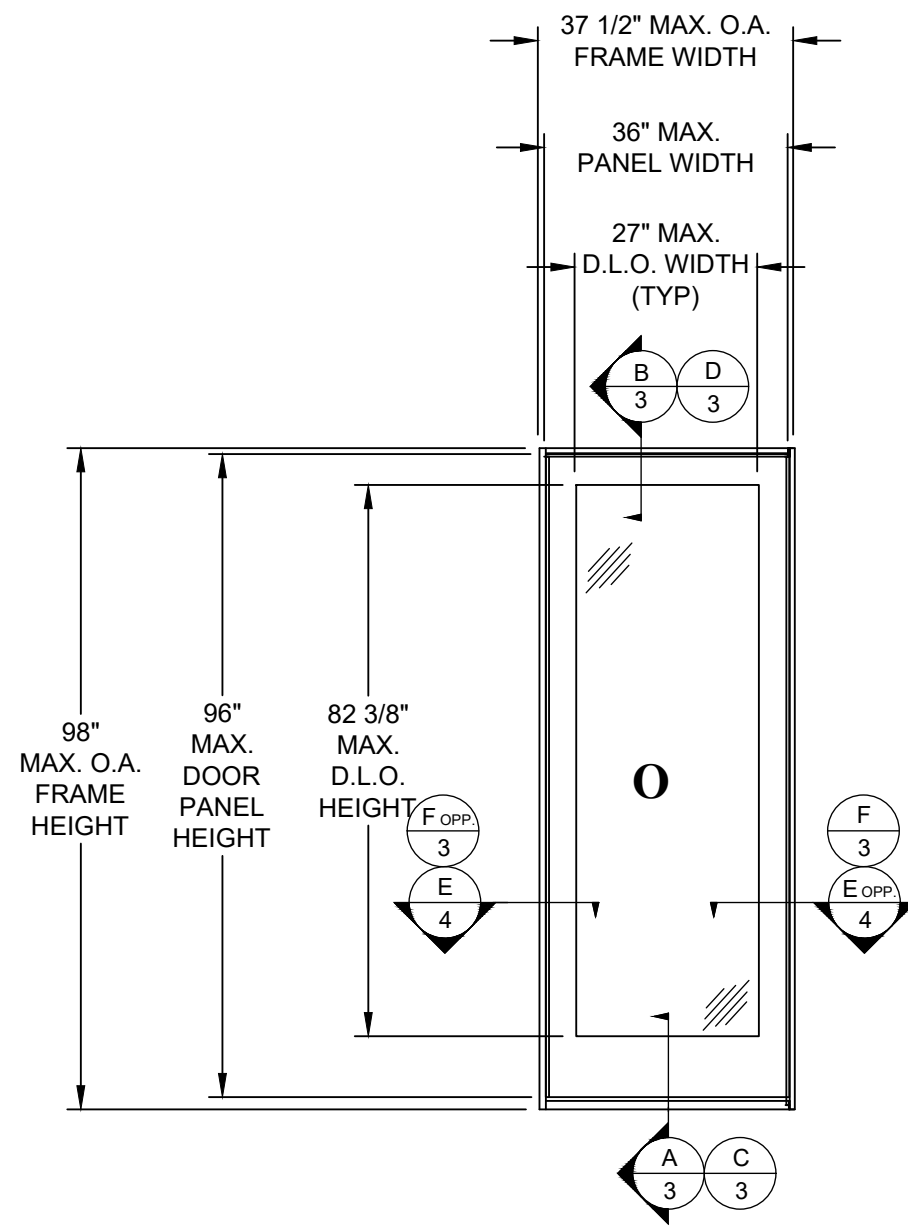
1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE AND 2018 INTERNATIONAL RESIDENTIAL CODE AT THE DESIGN PRESSURES STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT(S) NO. CCLI-10-115 AND ASSOCIATED LABORATORY 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 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. THESE DOOR ASSEMBLIES DO NOT SATISFY THE TEXAS DEPARTMENT OF INSURANCE'S CRITERIA FOR PROTECTION FROM WINDBORNE DEBRIS. THESE DOOR ASSEMBLIES WILL NEED TO BE PROTECTED WITH AN IMPACT PROTECTIVE SYSTEM WHEN INSTALLED IN AREAS WHERE WINDBORNE DEBRIS PROTECTION IS REQUIRED.
7. APPROVED CORNER TESTED CONSTRUCTION:
 - 7.1. TRANSOM SERIES
 - 7.2. WOOD DOWEL SERIES
 - 7.3. MORTISE & TENON SERIES
8. MATERIALS AND COMPONENTS:
 - 8.1. DOOR FRAME:
 - 8.1.1. HEAD AND JAMBS: PINE
 - 8.1.2. SILL: OAK OR MAHOGANY
 - 8.2. PANEL CORE MATERIAL: WESTERN HEMLOCK OR DOUGLAS FIR
 - 8.3. PANEL FACE VENEER: VARIABLE
 - 8.4. THRESHOLD: ENDURA PRODUCTS MODEL AI5625VH3
 - 8.5. THRESHOLD: YOUNG MFG. OAK INSWING
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1 GLASS CHARTS. SEE SHEET 4 FOR GLAZING DETAIL. QUALIFIED GLAZING INCLUDES:
 - 9.1. 1/8" TEMPERED GLASS
 - 9.2. 3/4" O.V. INSULATING GLASS CONSISTING OF 1/8" TEMPERED GLASS x 1/2" AIR SPACE x 1/8" TEMPERED GLASS
10. THIS PRODUCT MAY BE INSTALLED IN AN INDIVIDUAL OPENING COMPRISED OF STRUCTURAL SUBSTRATE OR AS A FIXED SIDELIGHT FRAME TO DOOR FRAME ATTACHMENT. IF INSTALLED IN AN INDIVIDUAL OPENING SEE ANCHORING REQUIREMENT NOTES ON THIS SHEET. FOR ATTACHMENT TO ANOTHER DOOR FRAME, THEN REFER TO THE INDIVIDUAL DOOR PRODUCT APPROVAL OR SITE SPECIFIC ENGINEERING DOCUMENTS FOR MULLING AND SUBSTRATE ANCHORING REQUIREMENTS.
11. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING (AS APPLICABLE):
 - 11.1. X: OPERABLE PANEL
 - 11.2. O: FIXED PANEL

INSTALLATION NOTES:

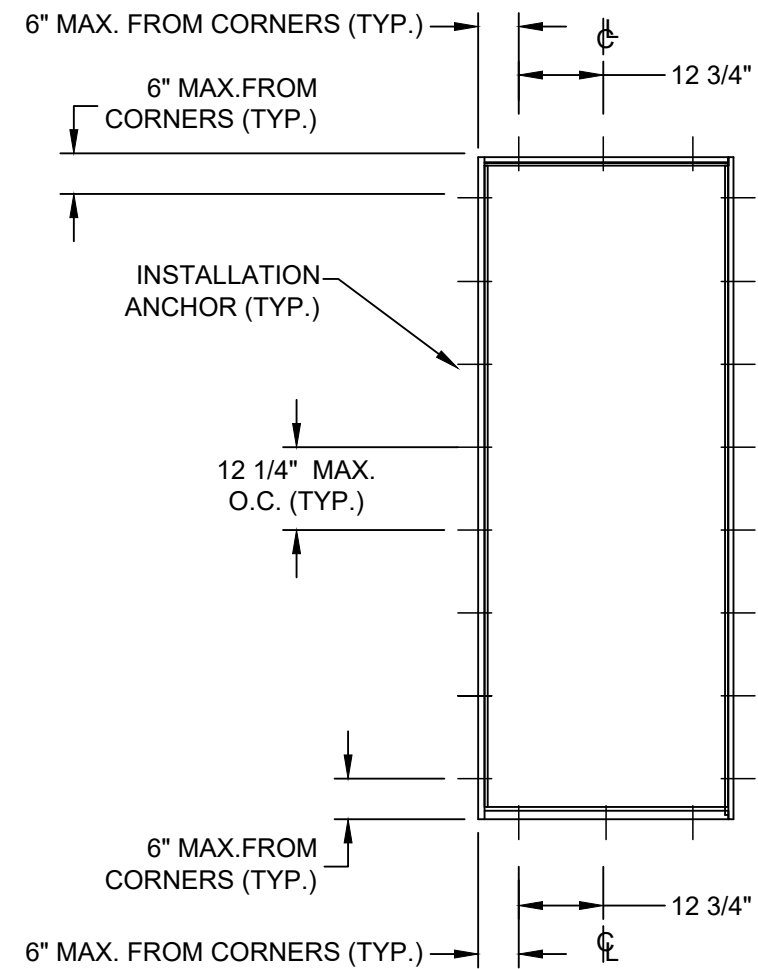
1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.
3. SHIM AS REQUIRED 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. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 3/16 INCH ITW ADVANCED THREADFORM TECHNOLOGY TAPCONS OR EQUAL OF SUFFICIENT LENGTH TO ACHIEVE 1 INCH MINIMUM EMBEDMENT FOR CMU BLOCK AND 1 1/2 INCH MINIMUM EMBEDMENT IS REQUIRED FOR CONCRETE.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
7. FOR CONCRETE 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 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 2000 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.

TABLE OF CONTENTS	
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2	ELEVATION AND ANCHOR LAYOUT
3	VERTICAL SECTIONS & GLAZING DETAIL
4	HORIZONTAL SECTIONS
5	B.O.M., COMPONENTS & CONFIGURATIONS

DESIGN PRESSURE RATING (PSF)
WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
±50.0



ELEVATION
EXTERIOR VIEW



ANCHOR LAYOUT
50.0 D.P.
EXTERIOR VIEW
(SEE INSTALLATION NOTE 2)

PROJECT # 419-1112

REV	DESCRIPTION	DATE	BY
A	UPDATE FOR RE-EVALUATION	10/26/21	RIA

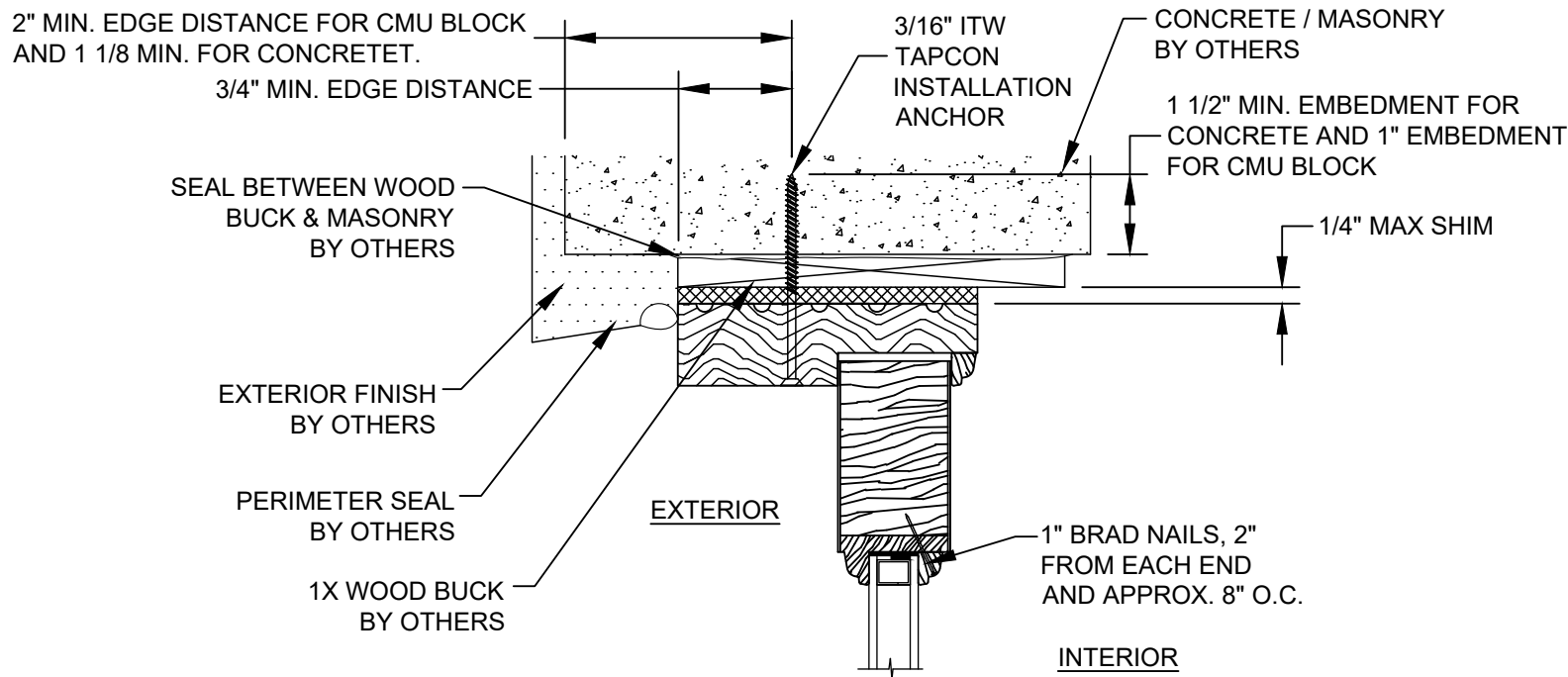
CUSTOMER: **SIMPSON DOOR COMPANY**
400 W. SIMPSON AVENUE
MCCLEARY, WASHINGTON 98557

TITLE: **NON-IMPACT FIXED GLAZED WOOD SIDELIGHT
ELEVATION & ANCHOR LAYOUT**

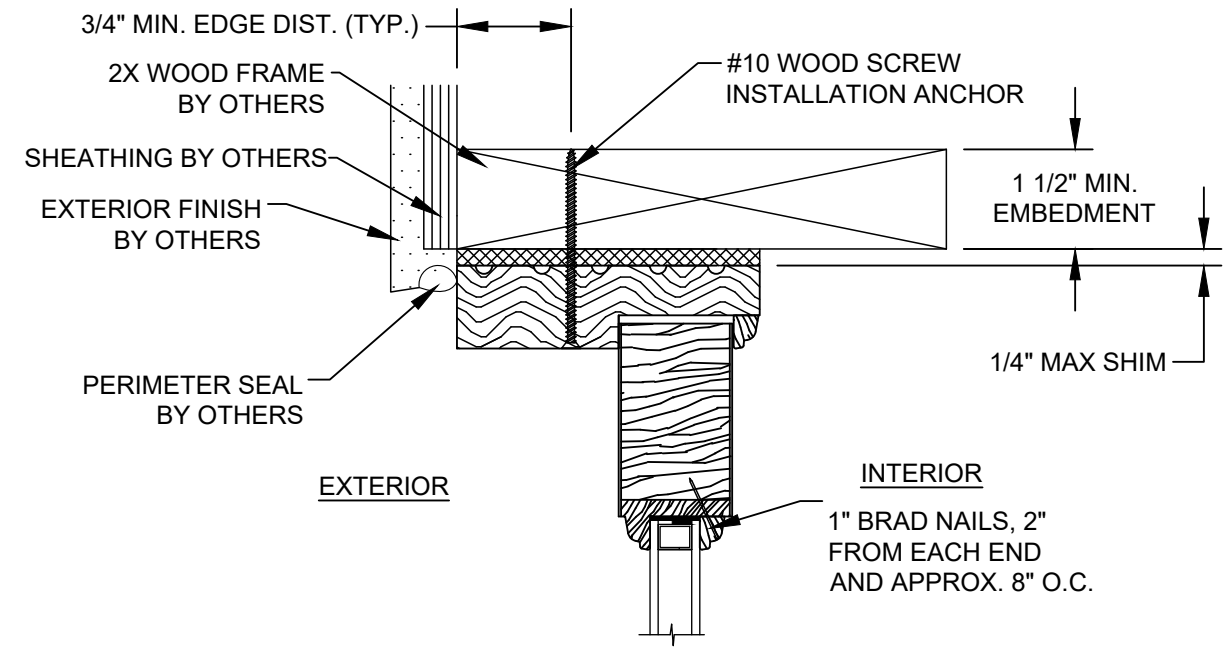
PREPARED BY: **PTC**
PTC PRODUCT DESIGN GROUP, LLC
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DRAWN BY: T.J.H.
DATE: 05/31/12
SCALE: N.T.S.
DRAWING NO: SIMP2061
REV: A
SHEET: 2 OF 5

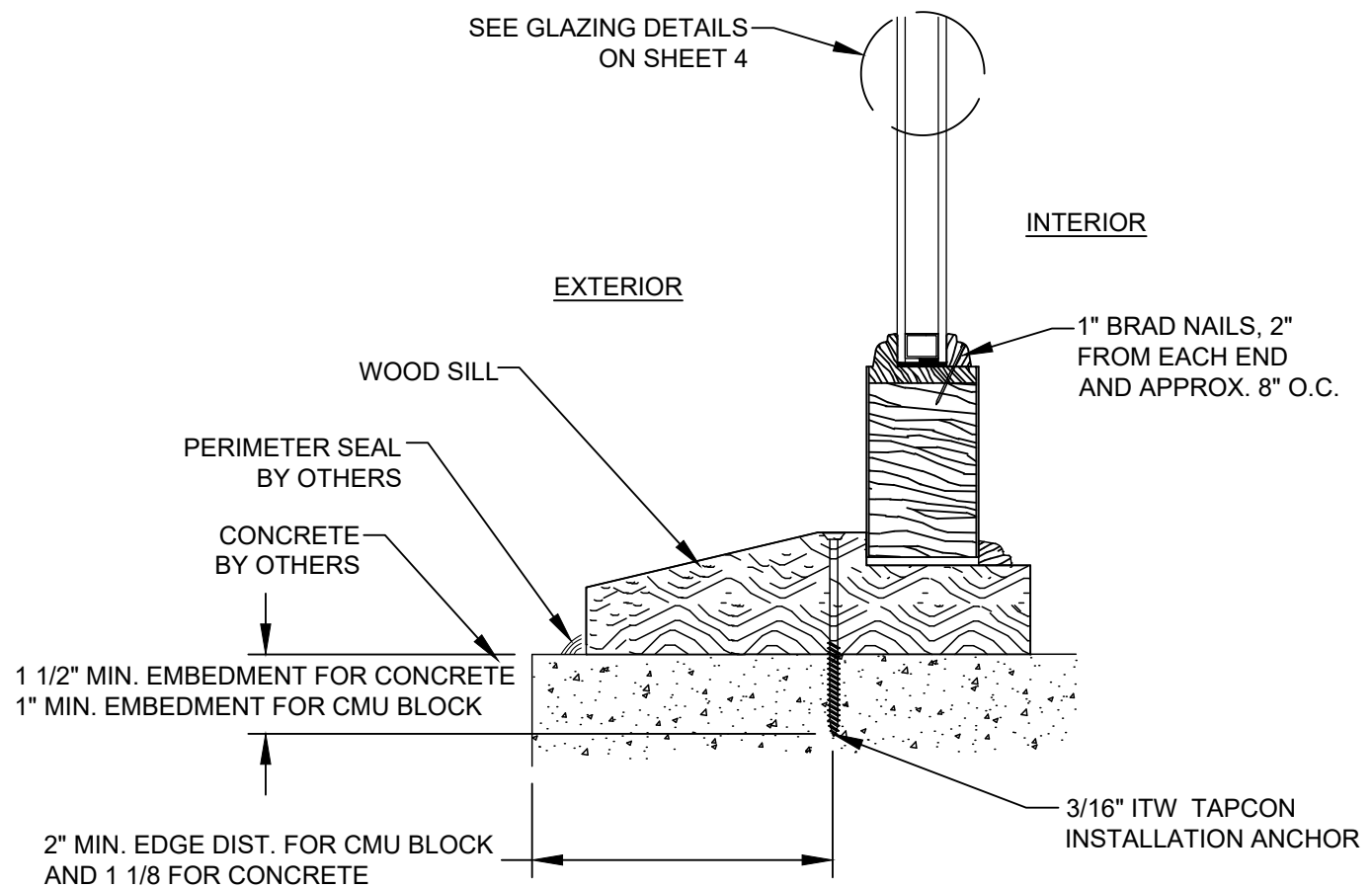
Robert J. Amoruso
TX P.E. No. 80817



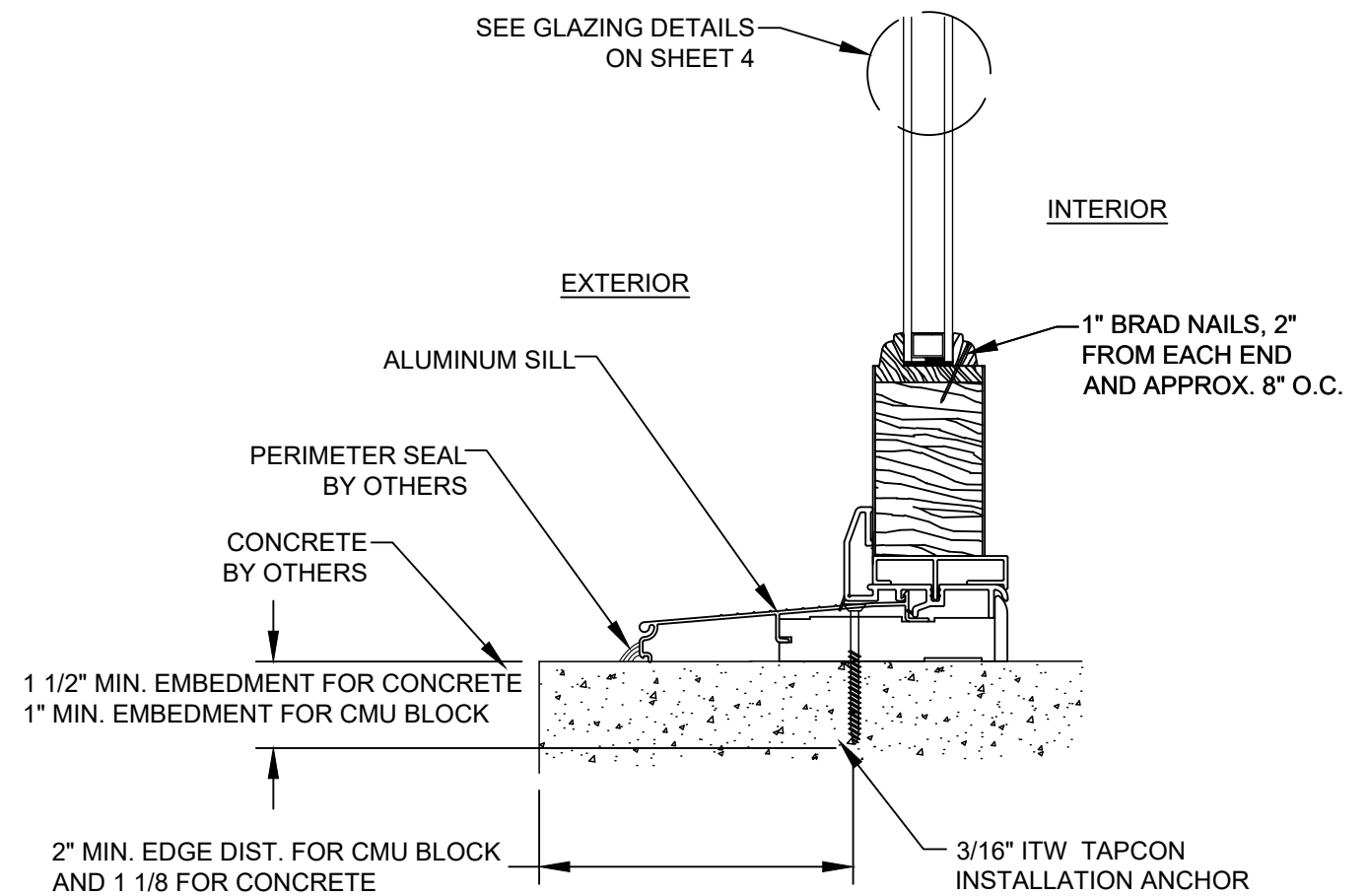
B **VERTICAL SECTION**
CONCRETE / MASONRY SUBSTRATE



D **VERTICAL SECTION**
2X WOOD SUBSTRATE



A **VERTICAL SECTION**
CONCRETE SUBSTRATE



C **VERTICAL SECTION**
CONCRETE SUBSTRATE

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SIMPSON DOOR COMPANY
400 W. SIMPSON AVENUE
MCCLEARY, WASHINGTON 98557

NON-IMPACT FIXED GLAZED WOOD SIDELIGHT VERTICAL SECTIONS & GLAZING DETAIL

CUSTOMER: SIMPSON DOOR COMPANY

PREPARED BY: T.J.H. N.T.S. A

DATE: 05/31/12

DRAWING NO: SIMP2061

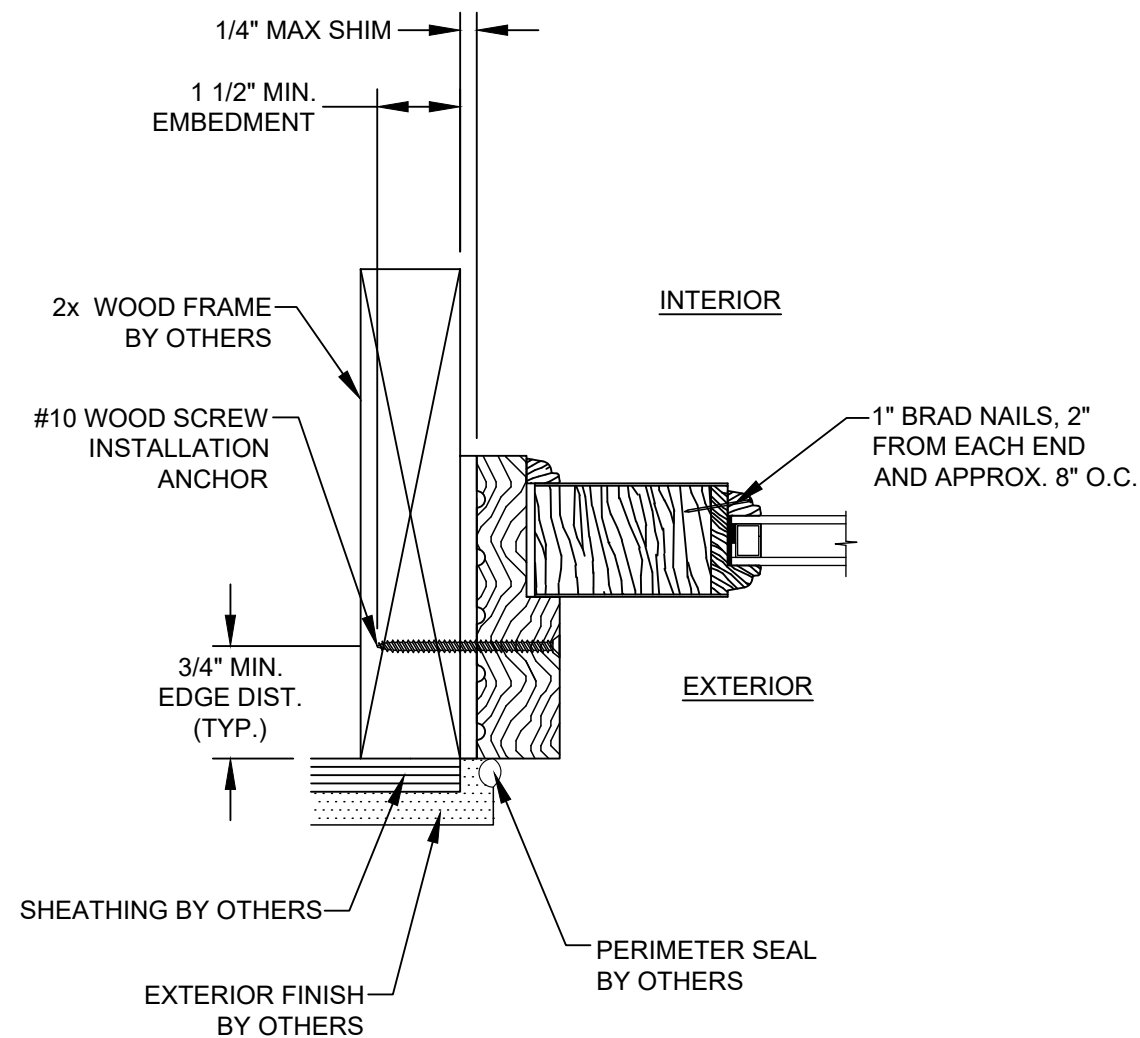
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REV: A

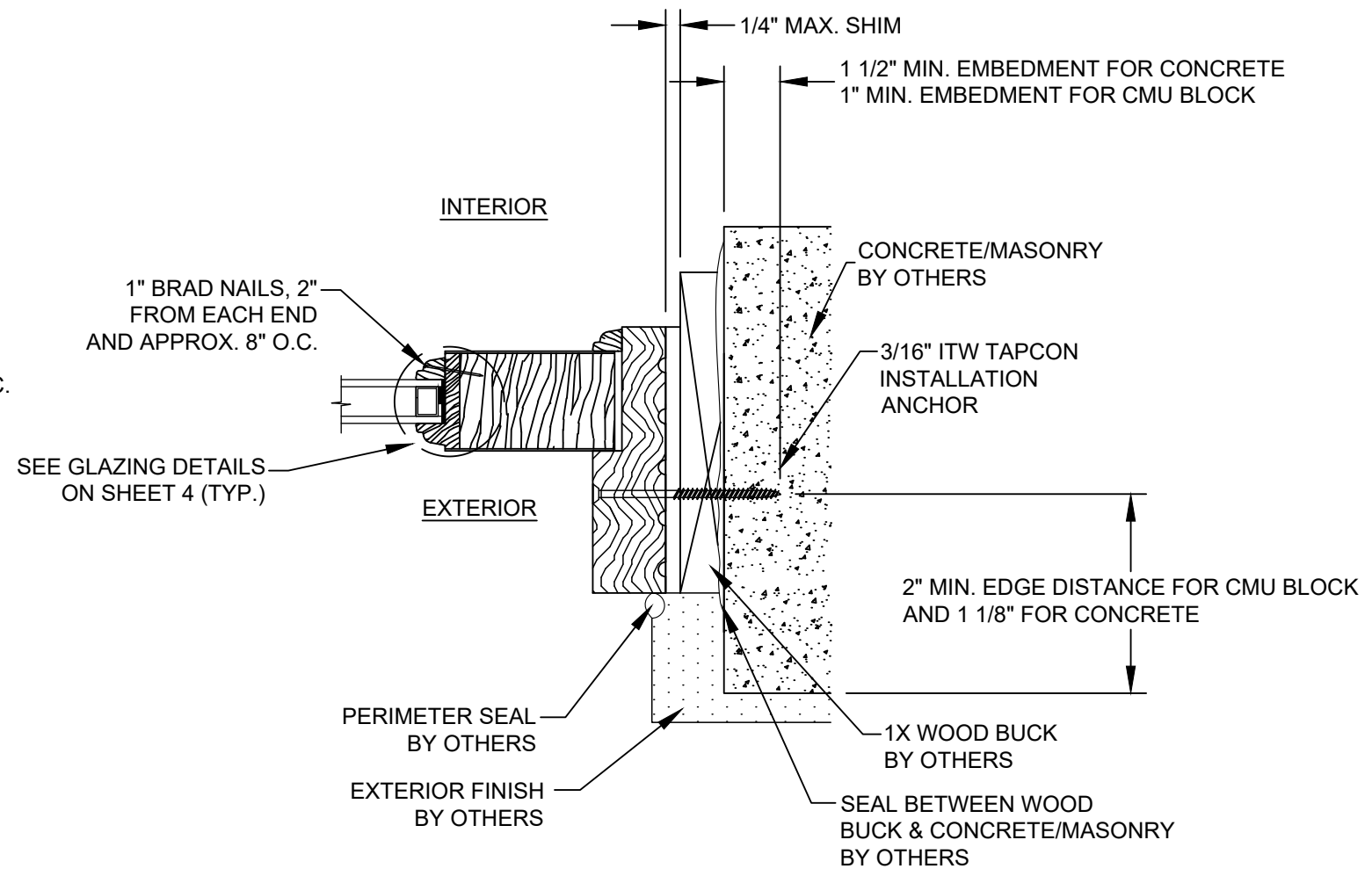
SHEET: 3 OF 5

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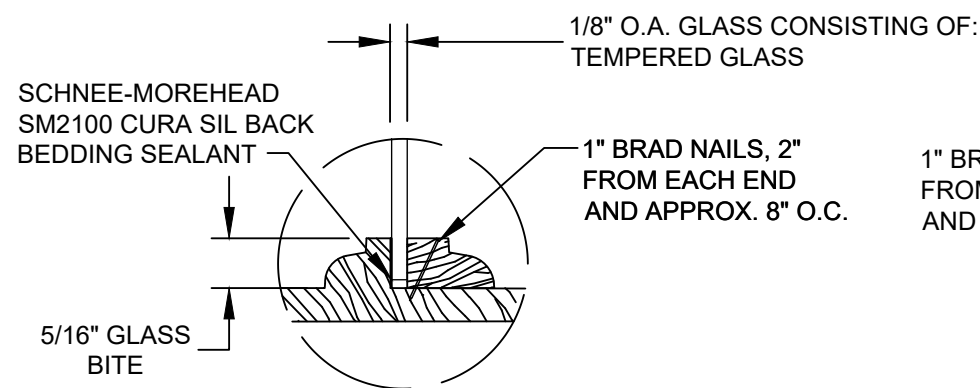
Robert J. Amoruso
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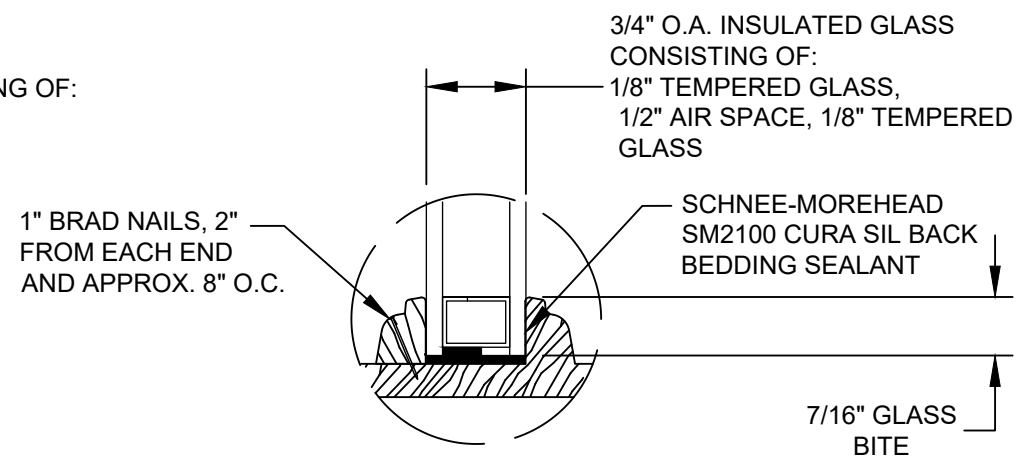
E HORIZONTAL SECTION
WOOD SUBSTRATE



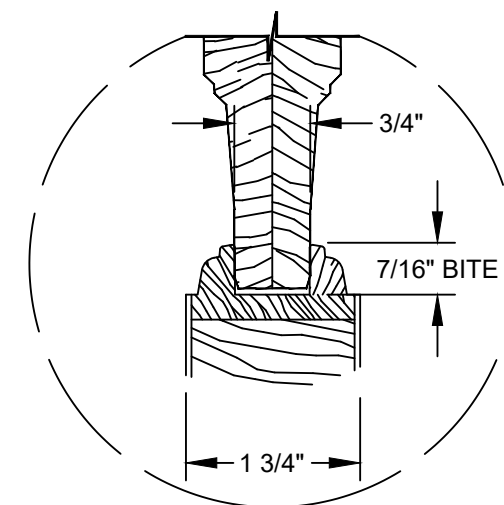
F HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE



GLAZING DETAIL 1



GLAZING DETAIL 2



WOOD PANEL DETAIL
RAISED WOOD PANEL
(DOOR LEAF ONLY)

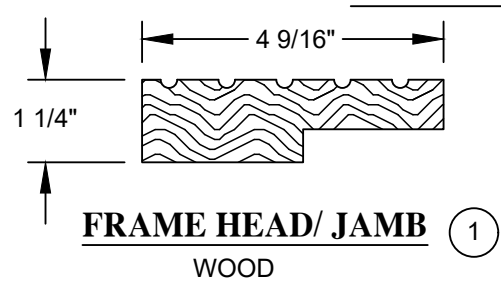
PROJECT # 419-1112		DATE	05/31/12	DESCRIPTION	BY
		DRAWING NO.	SIMP2061	UPDATE FOR RE-EVALUATION	RIA
		SCALE	N.T.S.	1026/21	DATE
		DRAWN BY	TJH	REV	DESCRIPTION
		PREPARED BY	N.T.S.	4 OF 5	BY
		REV	A		

CUSTOMER: **SIMPSON DOOR COMPANY**
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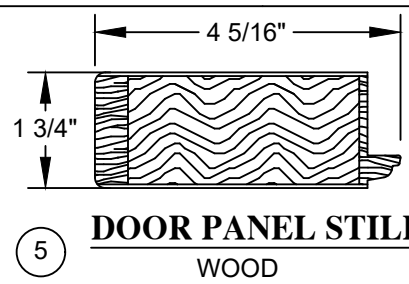
TITLE: **NON-IMPACT FIXED GLAZED WOOD SIDELIGHT HORIZONTAL SECTIONS**

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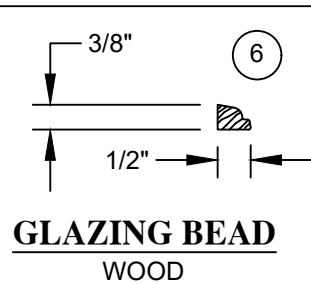
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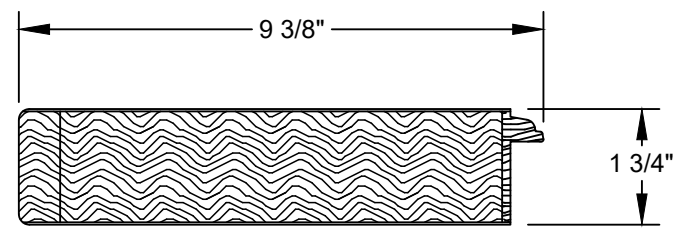
1 **FRAME HEAD/ JAMB**
WOOD



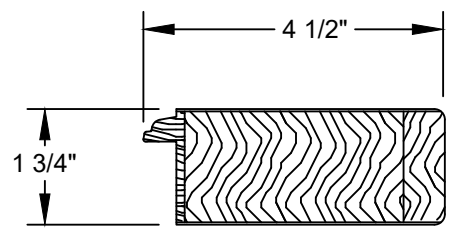
5 **DOOR PANEL STILE**
WOOD



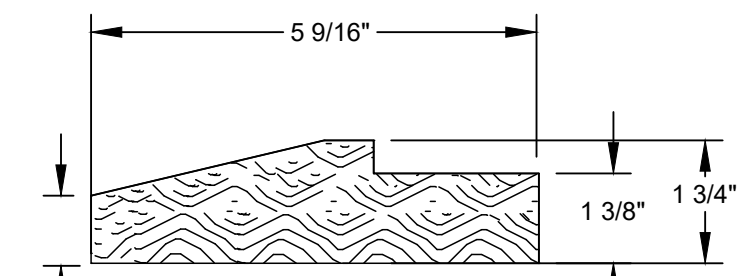
6 **GLAZING BEAD**
WOOD



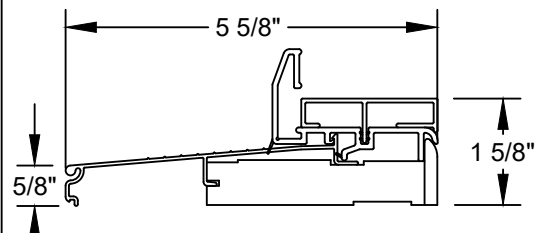
4 **DOOR PANEL BOTTOM RAIL**
WOOD



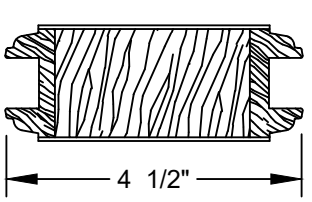
3 **DOOR PANEL TOP RAIL**
WOOD



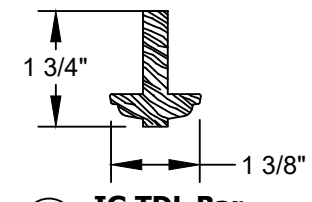
2 **DOOR FRAME SILL**
WOOD



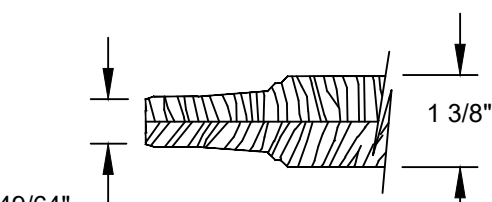
13 **ALTERNATE FRAME SILL**
ALUMINUM



10 **Door rail**
Wood



11 **IG TDL Bar**
Wood

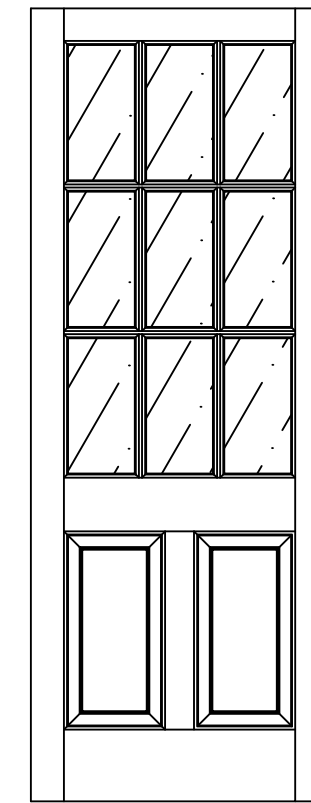
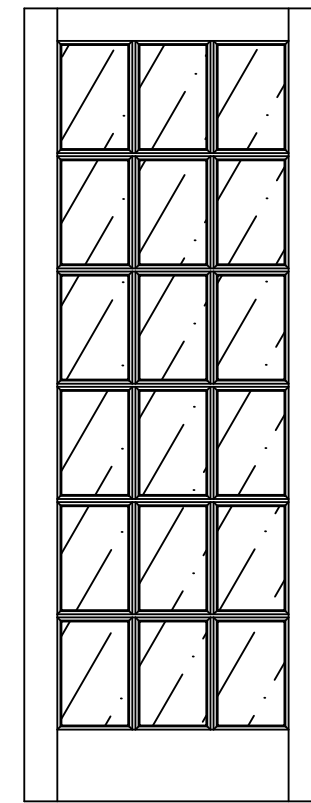
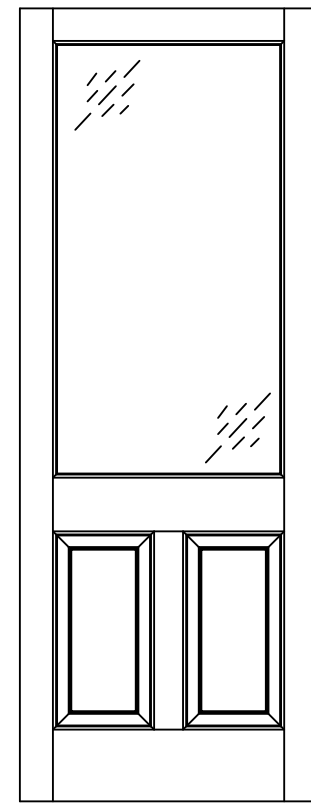
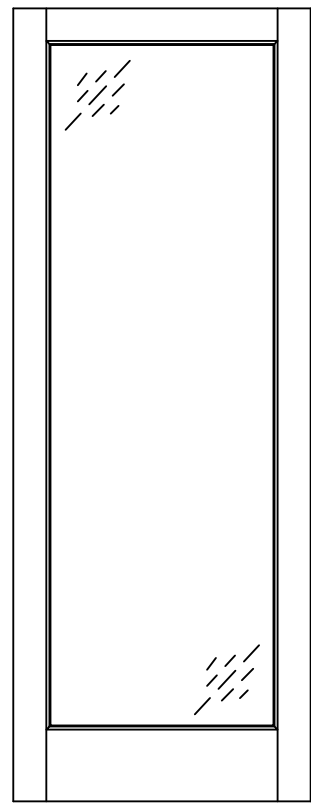


12 **DOOR PANEL**
Wood

ITEM	DESCRIPTION	PART #	MATERIAL	MANUFACTURER
1	FRAME HEAD & JAMB		PINE	PURCHASED
2	FRAME SILL		OAK OR MAHOGANY	PURCHASED
3	DOOR PANEL TOP RAIL		WESTERN HEMLOCK *	SIMPSON DOOR
4	DOOR PANEL BOTTOM RAIL		WESTERN HEMLOCK *	SIMPSON DOOR
5	DOOR PANEL STILE		WESTERN HEMLOCK *	SIMPSON DOOR
6	GLAZING BEAD		WESTERN HEMLOCK *	SIMPSON DOOR
7	1/8" TEMPERED GLASS		GLASS	PURCHASE
8	3/4" O.A. INSULATED GLASS CONSISTING OF: 1/8" TEMPERED GLASS, 1/2" AIR SPACE, 1/8" TEMPERED GLASS		GLASS	PURCHASE
10	DOOR RAIL		WESTERN HEMLOCK *	SIMPSON DOOR
11	1.G. TDL BAR		WESTERN HEMLOCK *	SIMPSON DOOR
12	DOOR PANEL		WESTERN HEMLOCK *	SIMPSON DOOR
13	ALTERNATE FRAME SILL		ALUMINUM	PURCHASED

* DOUGLAS FIR MAY BE USED IN LIEU OF WESTERN HEMLOCK.

TYPICAL APPROVED FIXED PANEL CONFIGURATIONS



PROJECT # 419-1112

CUSTOMER: **SIMPSON DOOR COMPANY**
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TITLE: **NON-IMPACT FIXED GLAZED WOOD SIDELIGHT HORIZONTAL SECTIONS**

PREPARED BY: **PTC**
DATE: 05/31/12
DRAWING NO: SIMP2061
SCALE: N.T.S.
SHEET: 5 OF 5
REV: A

Robert J. Amoruso
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BY: RJA
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