

RESIVER PATIO DOOR

NON-IMPACT R-301 VINYL SLIDING GLASS DOOR

INSTALLATION ANCHORAGE DETAILS

XO & OX FIN AND THRU-FRAME INSTALLATION

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2006 EDITIONS OF THE INTERNATIONAL BUILDING CODE (I.B.C.) AND INTERNATIONAL RESIDENTIAL CODE (I.R.C.) WITH THE 2006 TEXAS REVISIONS, EFFECTIVE JANUARY 1, 2008. THE PRODUCT HAS BEEN TESTED TO AAMA/WDMA/CSA 101/I.S. 2/A440-05.
2. 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.
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 ARCHITECT OR ENGINEER OF RECORD.
4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED WITH THIS PRODUCT.
5. DOOR FRAME AND PANEL MATERIAL: VINYL.
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e01.
7. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
8. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

INSTALLATION NOTES:

1. SEE ANCHOR SCHEDULE TABLE FOR TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE OF ALLOWED ANCHORS. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR WOOD SUBSTRATE. PAN HEAD SCREWS ARE SHOWN. FLAT HEAD SCREWS ARE ACCEPTABLE FOR THE 2X4 OVER FIN. PAN HEAD SCREWS ARE REQUIRED WHEN USED THROUGH THE FIN (NAILING FIN) AND FRAME (THROUGH-FRAME).
2. ONE (1) INSTALLATION ANCHOR AT THE 2X4 OVER FIN INSTALLATION, ONE (1) INSTALLATION ANCHOR AT THE NAILING FIN AND ONE (1) INSTALLATION ANCHOR IN THE FRAME (THROUGH-FRAME) ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN. SEE SECTION VIEWS FOR CLARIFICATION.
3. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION AT THE MAXIMUM SIZE SHOWN. SMALLER PRODUCT SIZES CAN HAVE LESS ANCHORS AS LONG AS THE EDGE DISTANCE AND ON CENTER (O.C.) SPACING ARE THE SAME AS OR LESS THAN THAT SHOWN.
4. 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. SHIMS MAY NOT SHOWN IN THE SECTION VIEWS OF THIS DRAWING FOR CLARITY
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING)
6. DOOR CAN BE XO OR OX WITH SAME INSTALLATION REQUIREMENTS..

ANCHOR SCHEDULE						
SUBSTRATE	TYPE (2)	SIZE (1)	MANUFACTURER AND/OR SPECIFICATION	EMBEDMENT (IN)	EDGE DISTANCE (IN)	CAPACITIES BASED ON
WOOD	FLAT HEAD OR PAN HEAD	NO. 8	ANSI B18.6.1 (WOOD SCREW) ASME B18.6.4 (TAPPING SCREW)	1-1/4"	3/4"	MIN. PRESSURE TREATED (PT) SPRUCE-PINE-FIR WITH A MINIMUM SPECIFIC GRAVITY OF 0.42.
<p>NOTES:</p> <p>1) IF REQUIRED TO PREVENT SPLITTING DRILL PILOT HOLES IN WOOD FRAME AS FOLLOWS: FOR WOOD SCREWS DRILL 0.112" DIAMETER HOLE (#34 DRILL SIZE) AND FOR TAPPING SCREWS DRILL 0.121" DIAMETER HOLE (#31 DRILL SIZE).</p> <p>2) SEE INSTALLATION NOTE 2.</p>						

DESIGN PRESSURE RATING (PSF)			IMPACT RATING
MAXIMUM UNIT DIMENSIONS AND REINFORCEMENT (1)	WHERE OPTIONAL SILL TOWER IS USED (2)	WHERE OPTIONAL SILL TOWER IS NOT USED (2)	
72" X 82" XO A REINFORCEMENT	±35.0	±35.0	NON-IMPACT
72" X 82" XO B REINFORCEMENT	±55.0	N/A	

- NOTES:
- (1) SEE SECTION E FOR REINFORCEMENT DESCRIPTION.
 - (2) SEE SECTION A FOR OPTIONAL SILL TOWER DESCRIPTION.

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PROJECT #411-0706.1B

RESIVER PATIO DOOR
100, 181E RUE
BEAUCEVILLE, QUEBEC G5X 2T1

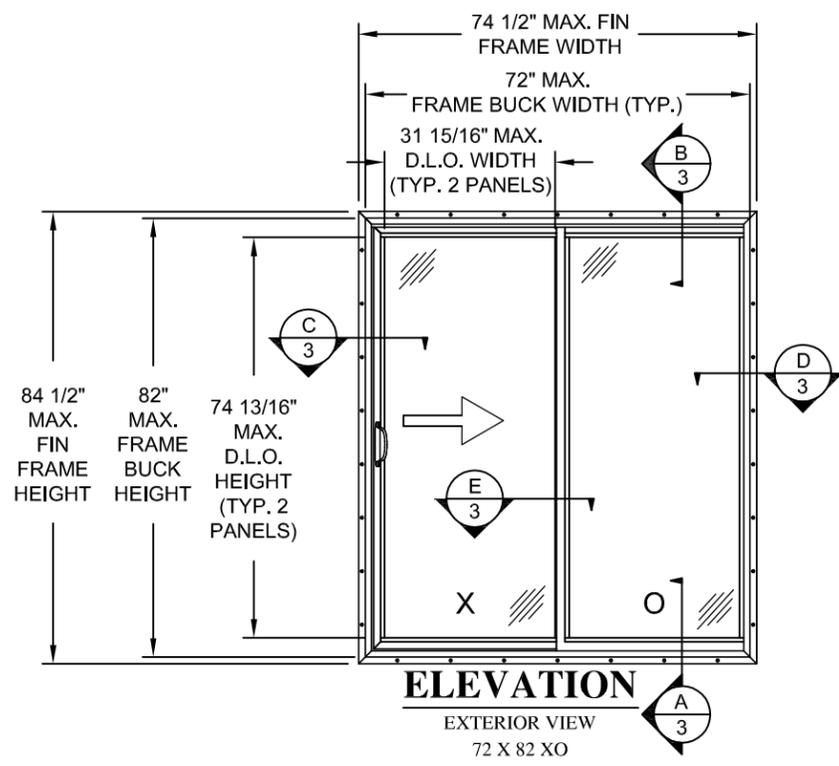
TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR
GENERAL AND INSTALLATION NOTES

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 DATE: 07/11/12
 SCALE: N.T.S.
 DRAWING NO: RES1020
 SHEET: 1 OF 3
 REV: -

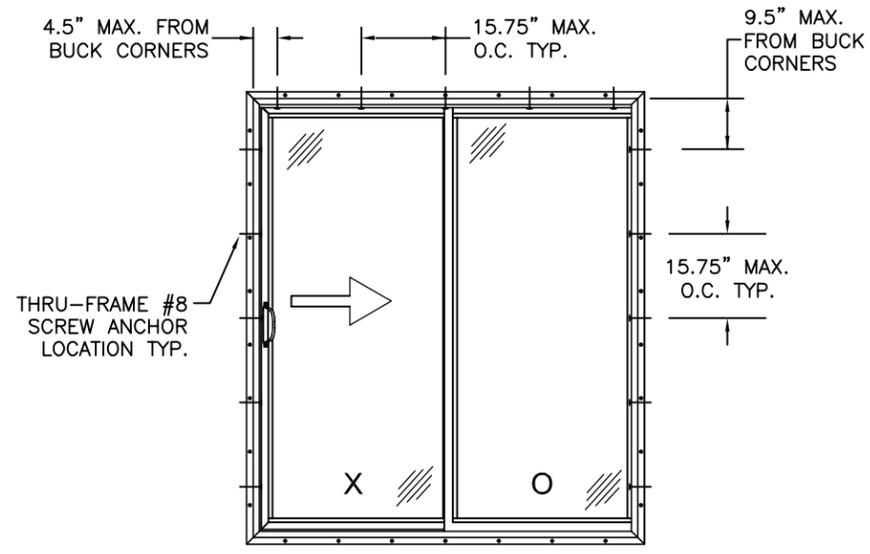
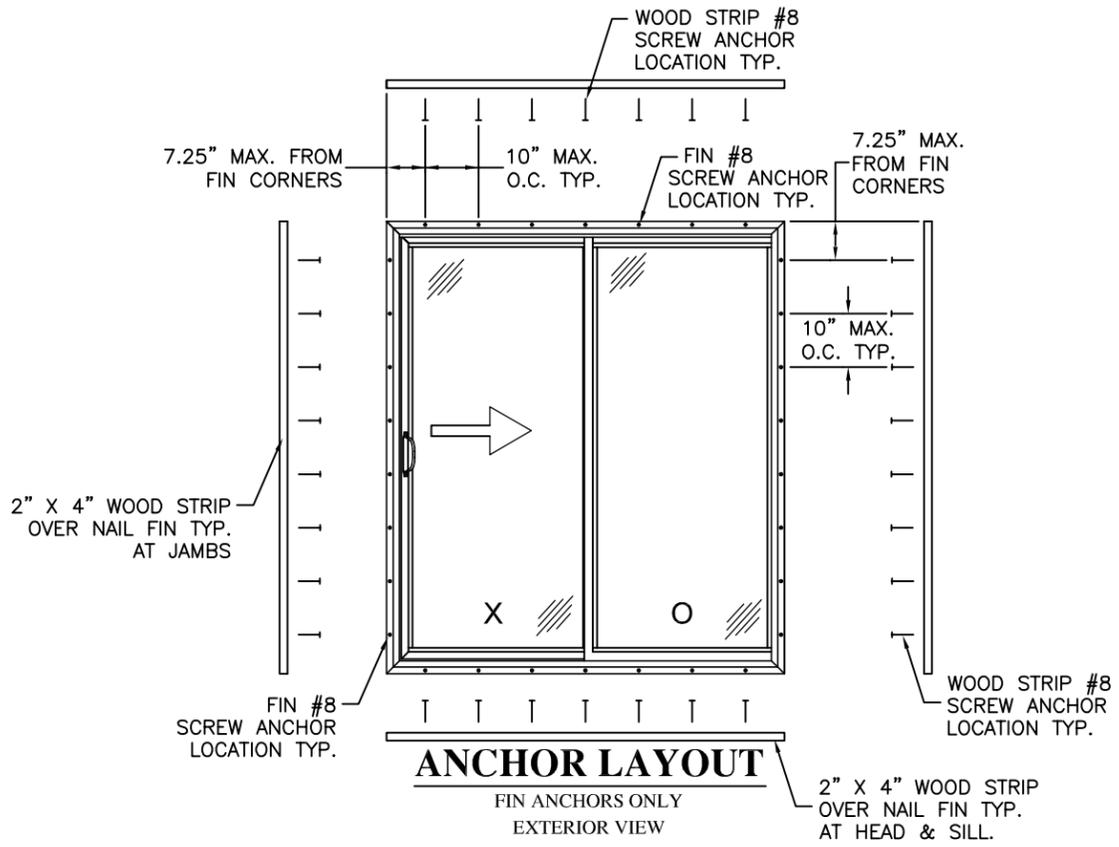


Robert J. Amoruso, P.E.
TEXAS P.E. No. 80817





BOTH FIN AND THRU-FRAME ANCHORS REQUIRED



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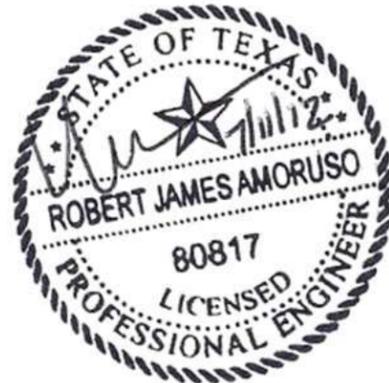
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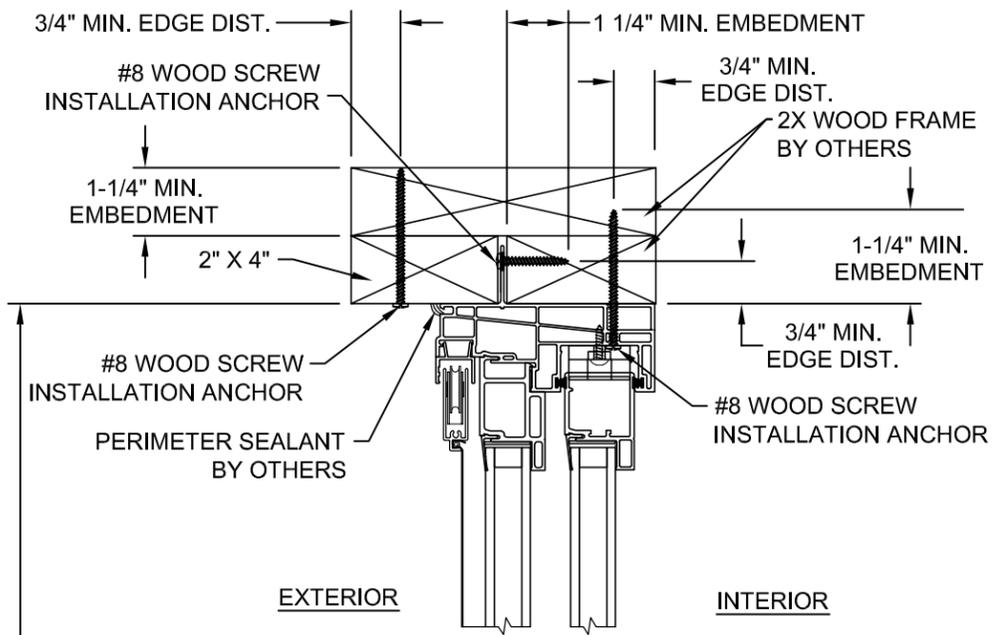
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ELEVATION AND ANCHOR LAYOUT

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DRAWN BY:	TJH
SCALE:	N.T.S.
SHEET:	2 OF 3
REV:	-

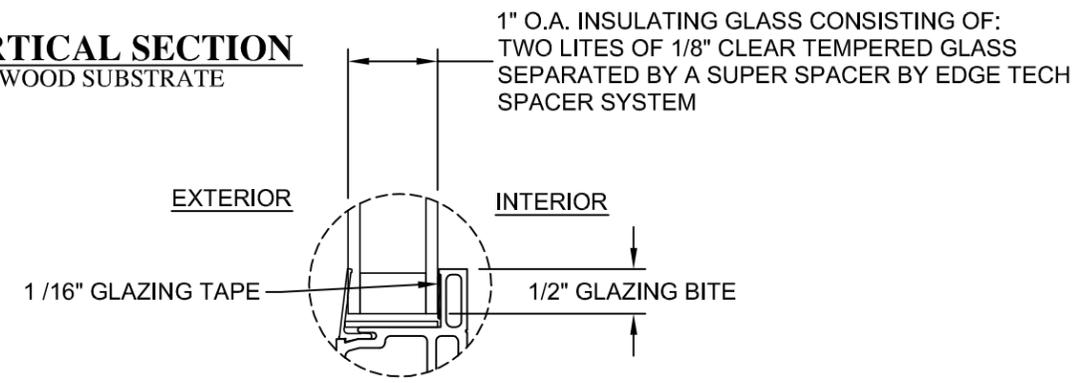
PFE
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 50375
LONGWOOD, FLORIDA 32752
Phone: 321.690.1789
Fax: 321.690.1789
Email: info@pfc-con.com
TX CERTIFICATE OF
REGISTRATION NO. F-13740

Robert J. Amoruso, P.E.
TEXAS P.E. No. 80817

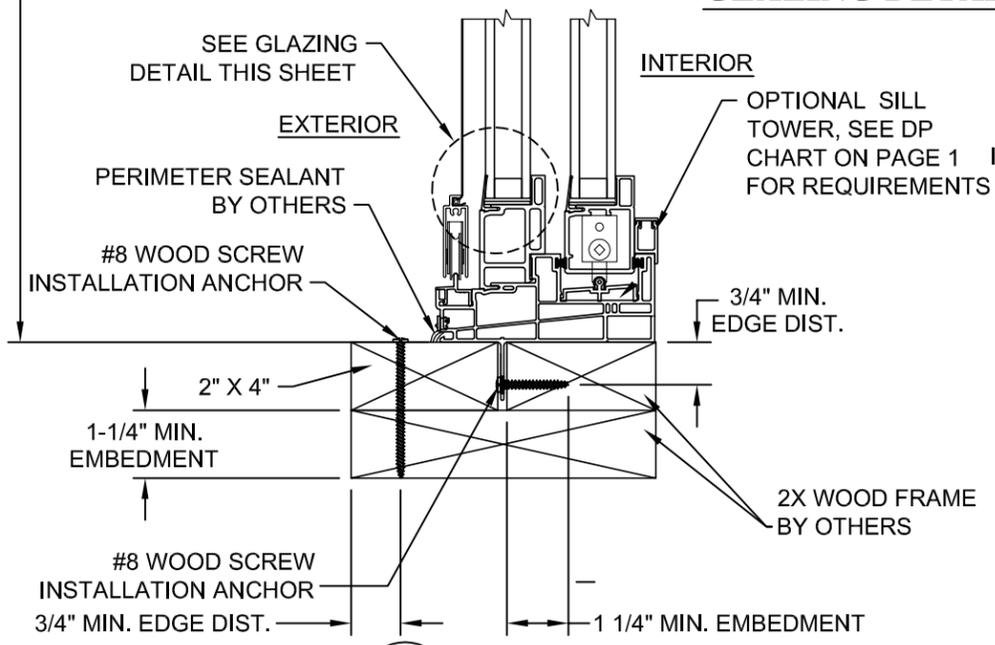




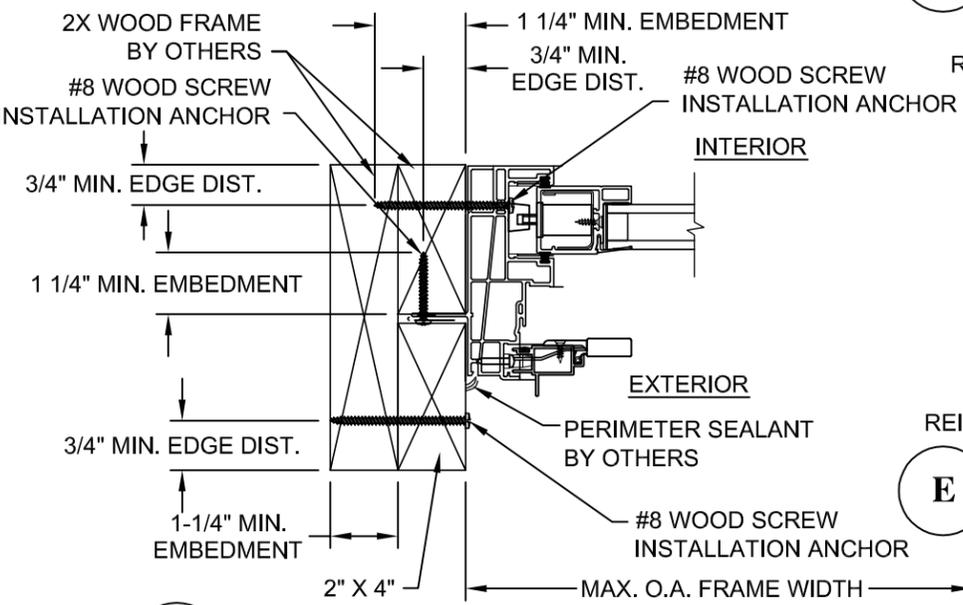
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WOOD SUBSTRATE



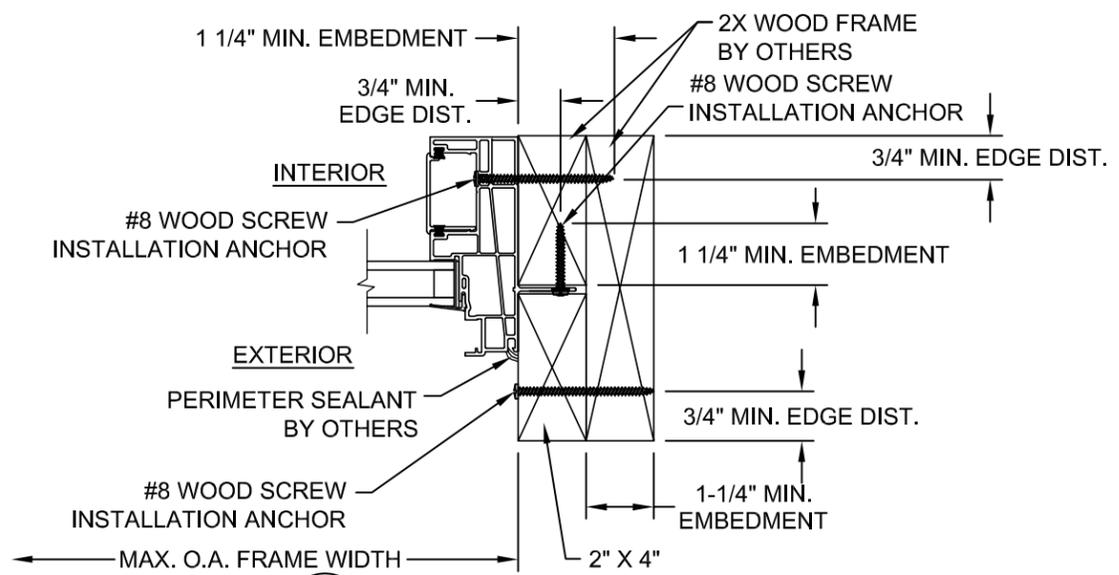
GLAZING DETAIL



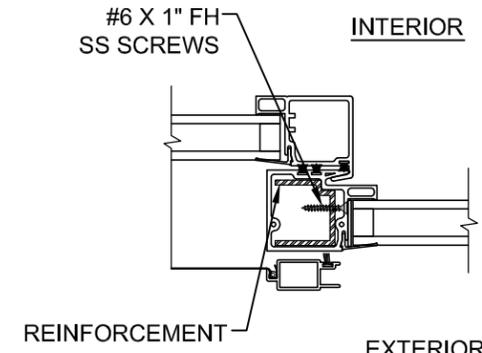
A VERTICAL SECTION
WOOD SUBSTRATE



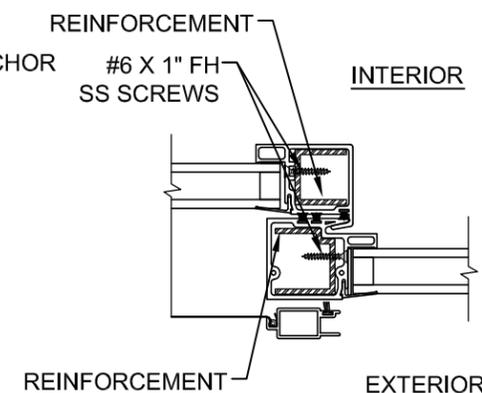
C HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



D HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



E HORIZONTAL SECTION
MEETING STILE
A REINFORCEMENT



E HORIZONTAL SECTION
MEETING STILE
B REINFORCEMENT

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100, 181E RUE

BEAUCEVILLE, QUEBEC G5X 2T1

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DRAWING NO.:	RES1020
SHEET:	3 OF 3
DRAWN BY:	TJH
SCALE:	N.T.S.
REV:	-

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 50375
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