RESIVER PATIO DOOR

NON-IMPACT R-301 VINYL SLIDING GLASS DOOR

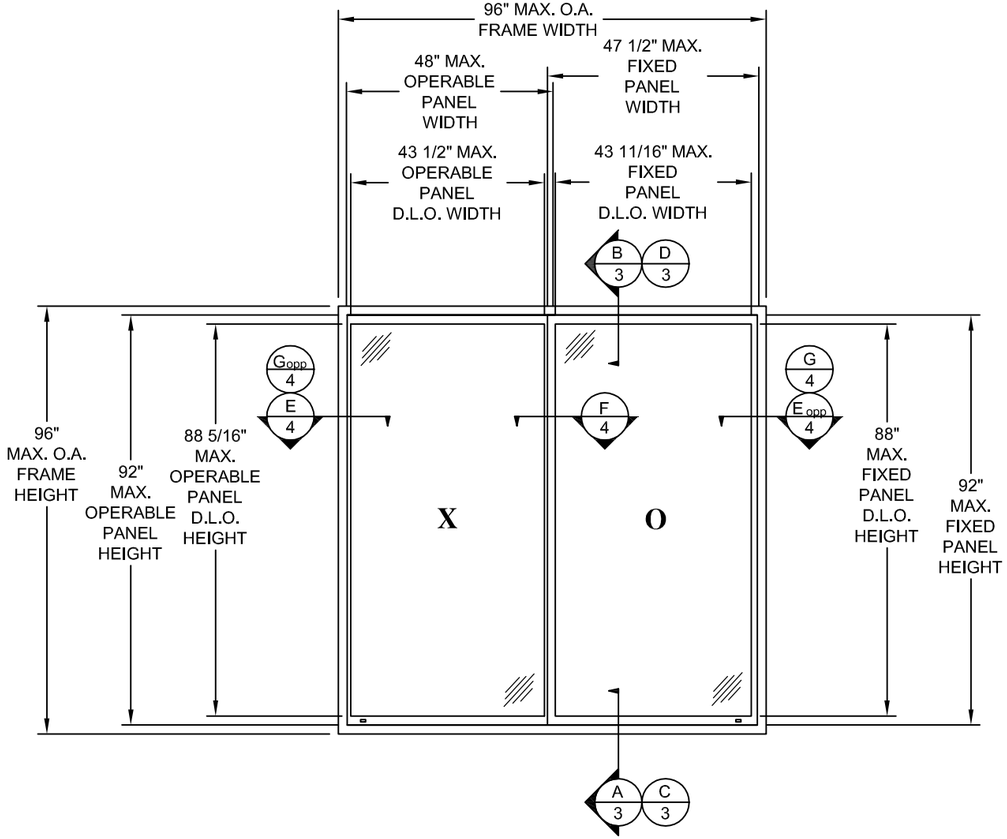
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. 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.
5. DOOR FRAME AND PANEL MATERIAL: VINYL.
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
7. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
   X: OPERABLE PANEL
   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 PAN HEAD WOOD SCREWS OR TAPPING SCREWS (SHOWN) OF SUFFICIENT LENGTH TO ACHIEVE 1 3/8 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCHES.
5. FOR INSTALLATION INTO CONCRETE / MASONRY, USE 3/16" HEX HEAD ITW ADVANCED THREADFORM TECHNOLOGY TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 INCH MINIMUM EMBEMDNET INTO MASONRY / CMU AND 1 1/2 INCH INTO CONCRETE. MINIMUM EDGE DISTANCE IS 2 INCHES INTO MASONRY / CMU AND 1-1/8 INCH INTO 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 - PRESSURE TREATED (PT) SPRUCE-PINE-FIR USING A MINIMUM SPECIFIC GRAVITY OF 0.42.
   B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 2000 psi AND COMPLIES WITH ACI 301.
   C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT DENSITY > 117 PCF.



ELEVATION

EXTERIOR VIEW

DESIGN PRESSURE RATING (PSF)			IMPACT RATING
MAXIMUM UNIT DIMENSIONS	WHERE OPTIONAL SILL TOWER IS USED	WHERE OPTIONAL SILL TOWER IS NOT USED	NON-IMPACT
96" X 96" XO TAPE GLAZED	±40.0	±40.0	
96" X 96" XO SIKA GLAZED W/SILL TOWER	±50.0	N/A	

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PROJECT #411-0706.1B

REV	DESCRIPTION	DATE	BY

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

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

DRAWN BY: TJH | DATE: 07/11/12
SCALE: N.T.S. | DRAWING NO: RES1011
REV: - | SHEET: 1 OF 4

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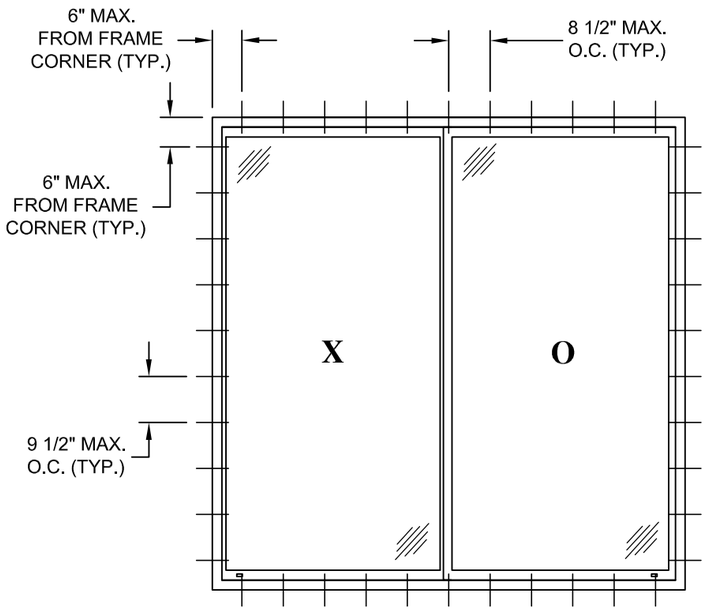
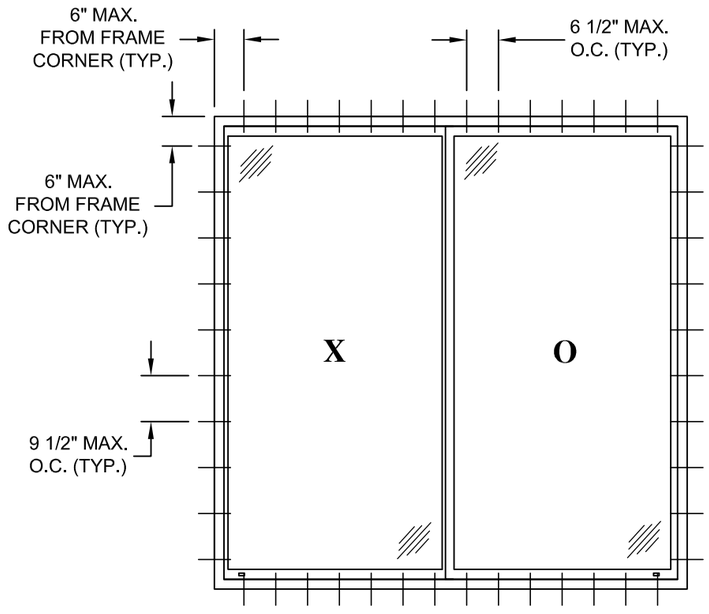


ANCHOR LAYOUT

EXTERIOR VIEW
CONCRETE SCREW INSTALLATION



ANCHOR LAYOUT

EXTERIOR VIEW
WOOD SCREW INSTALLATION

REV	DESCRIPTION	DATE	BY
	PROJECT #411-0706.1B		

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

TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR ANCHOR LAYOUTS

DRAWN BY: TJH
DATE: 07/11/12
SCALE: N.T.S.
DRAWING NO: RES1011
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SHEET: 2 OF 4

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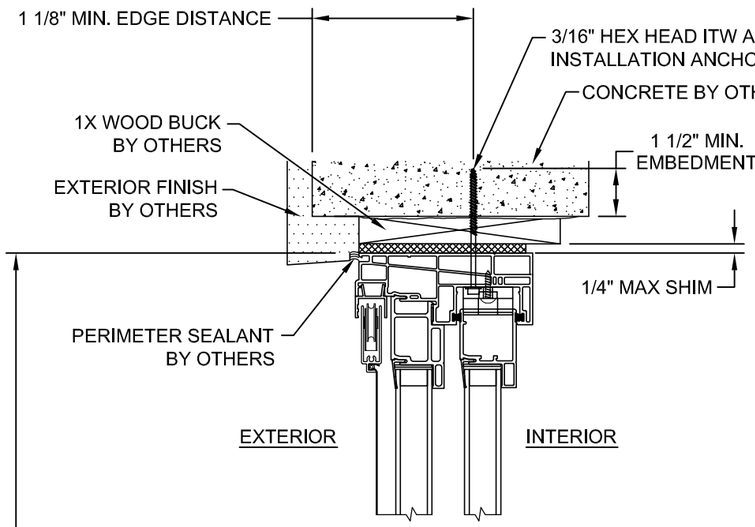
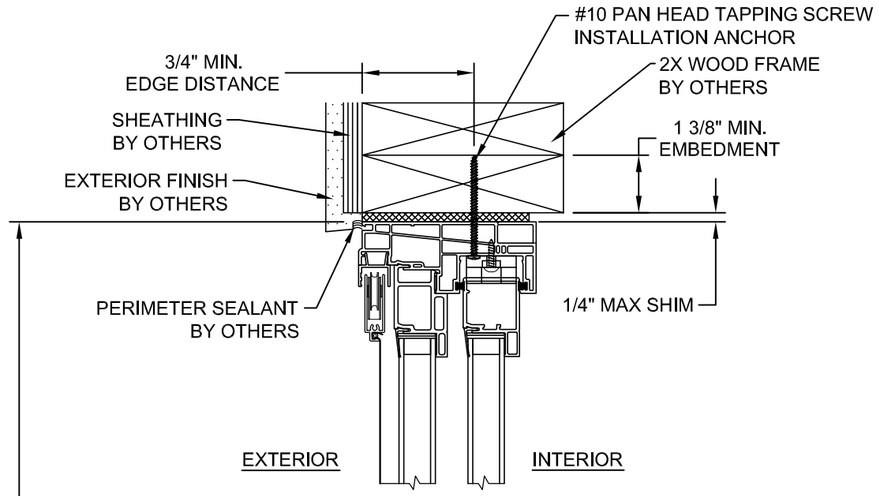
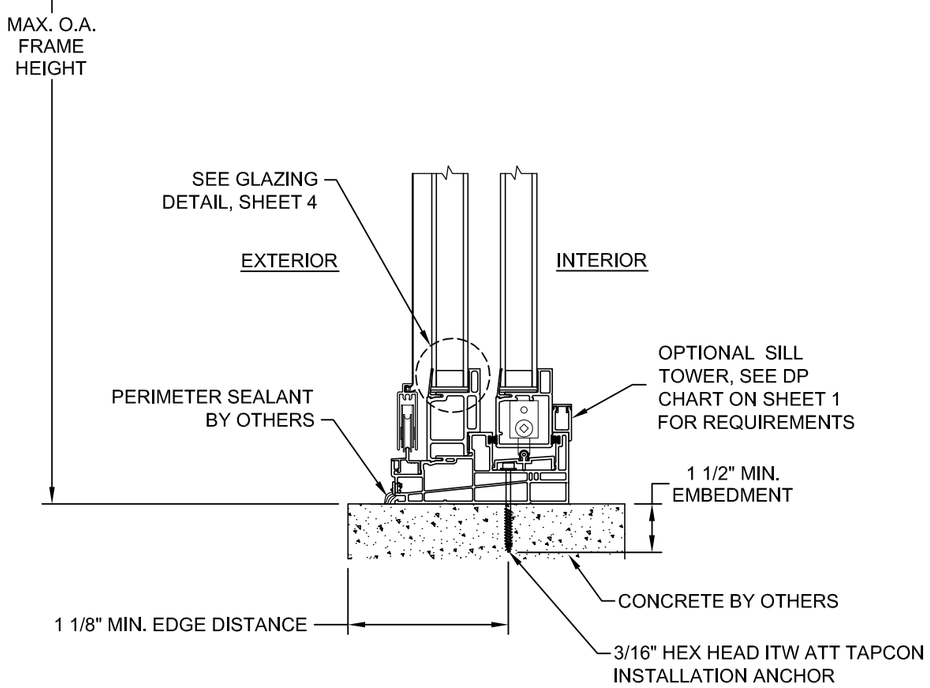


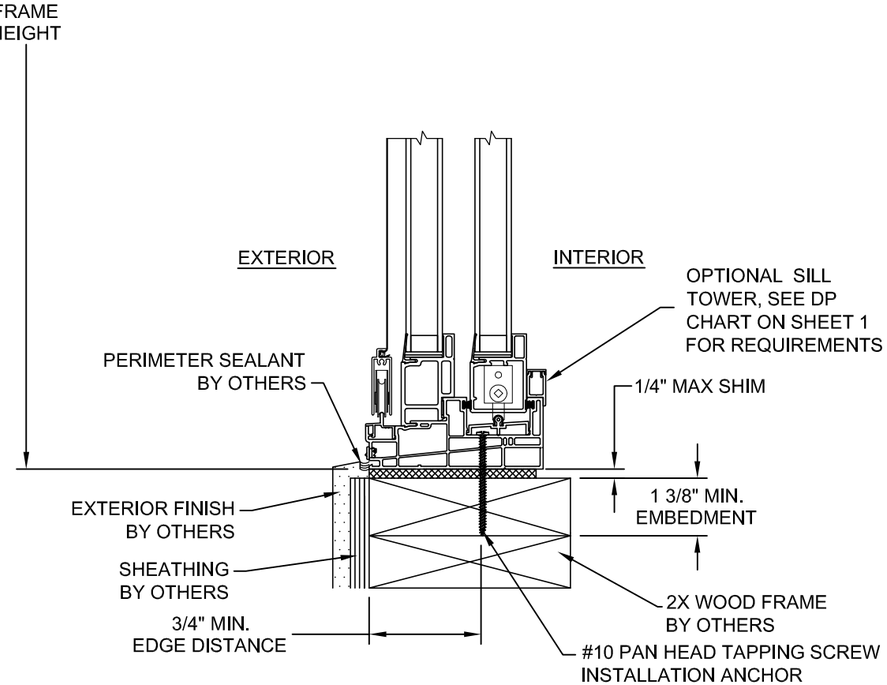
B **VERTICAL SECTION**
CONCRETE SUBSTRATE



D **VERTICAL SECTION**
WOOD FRAME SUBSTRATE



A **VERTICAL SECTION**
CONCRETE SUBSTRATE



C **VERTICAL SECTION**
WOOD FRAME SUBSTRATE

REV	DESCRIPTION	DATE	BY
	PROJECT #411-0706.1B		

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

TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR
VERTICAL SECTIONS & GLAZING DETAIL

DRAWN BY: TJH | DATE: 07/11/12
SCALE: N.T.S. | DRAWING NO: RES1011
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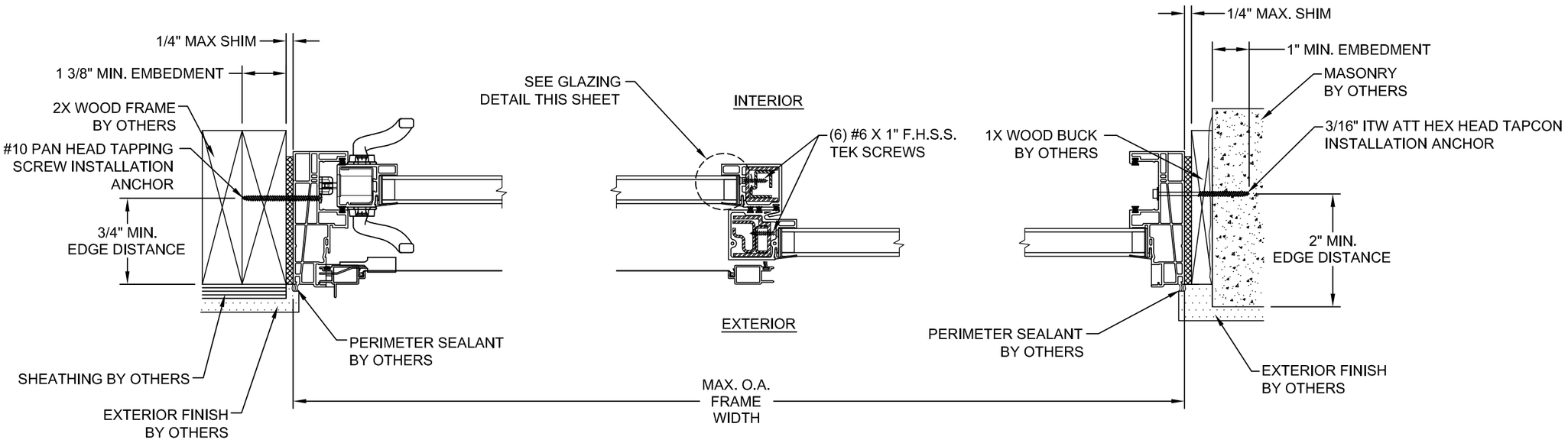
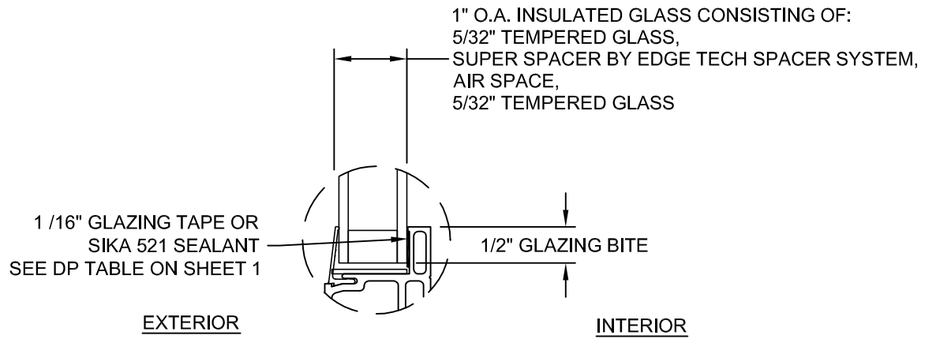


E **HORIZONTAL SECTION**
WOOD FRAME SUBSTRATE

F **HORIZONTAL SECTION**
MEETING STILE

G **HORIZONTAL SECTION**
MASONRY SUBSTRATE



GLAZING DETAIL

REV	DESCRIPTION	DATE	BY
	PROJECT #411-0706.1B		

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

TITLE: NON-IMPACT SERIES R-301 VINYL SLIDING GLASS DOOR HORIZONTAL SECTIONS

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SCALE: N.T.S.
DRAWING NO: RES1011
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SHEET: 4 OF 4

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