

EURO-WALL SYSTEMS, LLC

EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM - IMPACT RESISTANT

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2006 INTERNATIONAL BUILDING CODE WITH TEXAS REVISIONS AND THE 2006 INTERNATIONAL RESIDENTIAL CODE WITH TEXAS REVISIONS AT THE DESIGN PRESSURES STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED ARCHITECTURAL TESTING INC. TEST REPORTS AND ASSOCIATED LABORATORY DRAWINGS TO TESTING IN ACCORDANCE WITH SECTIONS 1609.1.2 AND 1714.5.1 OF THE 2006 INTERNATIONAL BUILDING CODE WITH TEXAS REVISIONS AND SECTIONS R301.2.1.2, R613.4, R613.7 AND R613.8 OF THE 2006 INTERNATIONAL RESIDENTIAL CODE WITH TEXAS REVISIONS.
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. OPENING PROTECTION IMPACT PRODUCTS SHOWN HEREIN AND GLAZED WITH GLAZING OPTIONS 1 OR 2 ON SHEET 7 DO NOT REQUIRE AN IMPACT-RESISTANT COVERING AS THEY HAVE MET THE FOLLOWING:
 - 6.1. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED IN ACCORDANCE WITH THE 2006 INTERNATIONAL BUILDING CODE WITH TEXAS REVISIONS IN ACCORDANCE WITH SECTION 1609.1.2 FOR LARGE MISSILE IMPACT TO MISSILE LEVEL D, WIND ZONE 4 AND IS IMPACT RESISTANT.
 - 6.2. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED IN ACCORDANCE WITH THE 2006 INTERNATIONAL RESIDENTIAL CODE WITH TEXAS REVISIONS IN ACCORDANCE WITH SECTION R301.2.1.2 FOR LARGE MISSILE IMPACT TO MISSILE LEVEL D, WIND ZONE 4 AND IS IMPACT RESISTANT.
7. TRACK AND PANEL MATERIAL
 - 7.1. DOOR HEAD TRACK MATERIAL: EXTRUDED ALUMINUM 6063-T5.
 - 7.2. DOOR SILL AND JAMB TRACK MATERIAL: EXTRUDED ALUMINUM 6063-T5.
 - 7.3. DOOR PANEL STILE MATERIAL: EXTRUDED ALUMINUM 6063-T5.
 - 7.4. DOOR PANEL STILE MATERIAL: EXTRUDED ALUMINUM 6063-T5.
 - 7.5. ASTRAGAL MATERIAL: EXTRUDED ALUMINUM 6063-T5.
 - 7.6. SILL CHANNEL: POLYPROPYLENE
 - 7.7. IMPACT GLAZING INTERLAYER: 0.090" SENTRYGLAS BY DUPONT.
 - 7.8. EPDM GLAZING GASKET: MEETS ASTM C 864-05.
8. HARDWARE
 - 8.1. PADDOCK FABRICATIONS LTD. MULTI-POINT LOCK MECHANISM WITH TOP AND BOTTOM HIGH SECURITY SHOOTBOLTS.
 - 8.2. EURO-WALL SYSTEMS, LLC JAMB HINGE, ROLLING HINGE, INTERMEDIATE CARRIER AND OFFSET HINGE WITH & WITHOUT HANDLE
 - 8.3. EURO-WALL SYSTEMS, LLC TWINPOINT GEARSET WITH STAINLESS STEEL SHOOTBOLTS AND ALUMINUM RODS.
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1 GLASS CHARTS. SEE SHEET 7 FOR GLAZING DETAILS.
10. DESIGNATION "X" STANDS FOR OPERABLE PANEL.

PERFORMANCE RATING - STANDARD SILL W/RISER	
DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+60.0/-60.0	MISSILE LEVEL D WIND ZONE 4
WATER PENETRATION TESTED	

PERFORMANCE RATING - ADA SILL & STANDARD SILL W/O RISER		
SILL TYPE	DESIGN PRESSURE RATING (PSF)	IMPACT RATING
STANDARD SILL W/O RISER	+60.0/-60.0	MISSILE LEVEL D WIND ZONE 4
ADA SILL	+60.0/-60.0	NON-IMPACT
WATER PENETRATION NOT TESTED. OVERHANG IN ACCORDANCE WITH REQUIREMENT BELOW CAN BE USED FOR LOCAL PERMITTING IF ALLOWED.		
Door assemblies installed where the overhang (OH) ratio is equal to or more than 1. The overhang ratio shall be calculated by the following equation: OH ratio = OH Length/OH Height		
Where: OH length = The horizontal measure of how far an overhang over a door projects out from door surface.		
OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door.		

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8	BILL OF MATERIALS AND WEATHERSTRIPPING

INSTALLATION ANCHOR SCHEDULE							
FRAME COMPONENT	SUBSTRATE	HEAD TYPE	MANUFACTURER AND/OR SPECIFICATION	SIZE	MIN. EMBEDMENT (IN)	MIN. EDGE DISTANCE (IN)	CAPACITIES BASED ON
HEAD, SILL OR JAMBS	CONCRETE	FLAT HEAD (SHOWN) AND PAN HEAD	ITW TAPCON (2)	1/4"	1 1/2	1 1/8	MIN. 2000 PSI CONCRETE BUT NOT LESS THAN THAT REQUIRED BY BUILDING CODE
			Elco Ultracon	1/4"	1 3/8	1	MIN. 2500 PSI CONCRETE BUT NOT LESS THAN THAT REQUIRED BY BUILDING CODE
JAMBS	MASONRY (BLOCK/CMU)		ITW TAPCON (2)	1/4"	1	2	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT DENSITY > 117 PCF
			Elco Ultracon	1/4"	1 1/4	1	STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT
HEAD, SILL OR JAMBS	WOOD (1)		ANSI B18.6.1 (WOOD SCREW) ASME B18.6.4 (TAPPING SCREW)	No. 14	1 1/2	1	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.55
NOTES:							
1) FOR NO. 14 WOOD AND TAPPING SCREWS IF SPLITTING IS A CONCERN, DRILL 0.134" PILOT HOLE FOR WOOD FRAME INSTALLATION.							
2) WHEN ITW TAPCONS ARE USED FOR CONCRETE/MASONRY INSTALLATION, THEY SHALL BE THE ADVANCED THREADFORM TECHNOLOGY TYPE.							

PROJECT NUMBER: 413-0203

EURO-WALL SYSTEMS, LLC
24100 TISEO BLVD.
PUNTA, GORDA, FL 33980

TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
GLAZED FOLDING DOOR SYSTEM
GENERAL NOTES AND DESIGN PRESSURE RATINGS

PREPARED BY: RJA
DRAWN BY: RJA
SCALE: N.T.S.
REV: --

DATE: 07/18/13
DRAWING NO: EUR0008
SHEET: 1 OF 8

PTC PRODUCT DESIGN GROUP, LLC
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Robert J. Amoruso, P.E.
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INSTALLATION NOTES:

1. INSTALLATION ANCHOR QUANTITIES AND LOCATIONS:

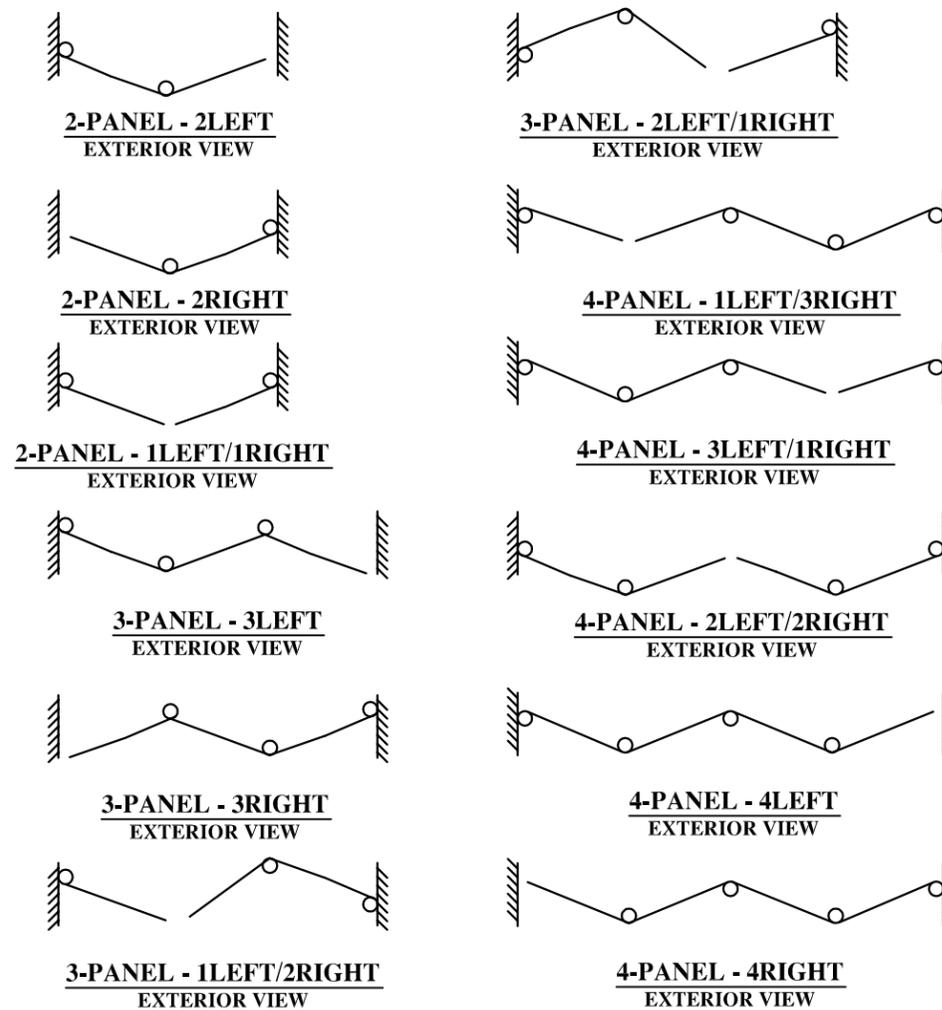
- 1.1. JAMBS**
- 1.1.1. JAMB INSTALLATION ANCHORS ARE COMPRISED OF TWO ANCHORS LYING IN THE SAME PLANE OR LOCATION AS SHOWN IN THE JAMB ELEVATION VIEW ON SHEET 3.
- 1.1.2. JAMB INSTALLATION ANCHORS ARE COMPRISED OF TWO ROWS OF ANCHORS (AS MEASURED) ALONG THE HEIGHT OF THE JAMBS.
- 1.1.3. SPACING OF THE TWO (2) INSTALLATION ANCHORS ALONG THE HEIGHT OF THE JAMBS SHALL BE AS SHOWN IN THE ELEVATION VIEW ON SHEET 3.
- 1.1.4. DISTANCE BETWEEN THE ROWS OF INSTALLATION ANCHORS SHALL BE AS FOLLOWS.
- 1.1.4.1. FOR SECTION VIEW C/6 AND D/6, DISTANCE BETWEEN INSTALLATION ANCHOR ROWS IS APPROXIMATELY 13/16".
- 1.1.4.2. FOR SECTION VIEW B/6, DISTANCE BETWEEN INSTALLATION ANCHOR ROWS IS 2" MINIMUM.
- 1.1.5. QUANTITIES OF INSTALLATION ANCHORS.
- 1.1.5.1. FOR THE 120" TALL DOOR (TESTED HEIGHT), A MINIMUM OF TEN (10) ANCHOR LOCATIONS AS SHOWN IN THE ELEVATION VIEW ON SHEET 3 ARE REQUIRED. EACH LOCATION REQUIRES TWO (2) ANCHORS SPACED APART AS DETAILED ABOVE.
- 1.1.5.2. FOR DOOR HEIGHTS LESS THAN 120", THE INSTALLATION ANCHORS CAN BE REDUCED BY ONE LOCATION EACH TIME THE ON CENTER SPACING (12") DECREASES TO 50% OF THAT SHOWN IN THE ELEVATION VIEW ON SHEET 3.
- 1.1.6. SECTION VIEW B/6 CAN BE EMPLOYED WHEN JAMB ANCHOR SPACING IS 2" MIN IN WOOD, CONCRETE OR MASONRY SUBSTRATE.
- 1.1.7. SECTION VIEW C/6 CAN BE EMPLOYED WHEN JAMB ANCHOR SPACING IS 13/16" IN CONCRETE OR MASONRY SUBSTRATE AND SHALL EMPLOY 2X BUCKING ATTACHED TO THE CONCRETE/MASONRY SUBSTRATE IN ACCORDANCE WITH GENERAL NOTE 4.
- 1.1.8. SECTION VIEW D/6 CAN BE EMPLOYED WHEN JAMB ANCHOR SPACING IS 13/16" IN WOOD FRAMING SUBSTRATE.

- 1.2. HEAD**
- 1.2.1. HEAD INSTALLATION ANCHORS ARE COMPRISED OF TWO ROWS OF ANCHORS (AS MEASURED) ALONG THE WIDTH OF THE HEAD.
- 1.2.2. DISTANCE BETWEEN THE ROWS OF INSTALLATION ANCHORS IS SHOWN IN SECTION VIEW A/4 AND IS APPROXIMATELY 1-9/16".
- 1.2.3. ANCHORS LOCATED ALONG THE TWO ROWS DO NOT NECESSARILY LIE IN THE SAME PLANE OR LOCATION.
- 1.2.4. QUANTITIES OF INSTALLATION ANCHORS.
- 1.2.4.1. FOR THE 220-1/2" WIDE DOOR (TESTED WIDTH), ANCHORS ARE LOCATED AS FOLLOWS - SEE ELEVATION VIEW/HEADER ANCHOR LAYOUT ON SHEET 3.
- 1.2.4.1.1. EXTERIOR ANCHORS
- 1.2.4.1.1.1. A TOTAL OF TWENTYFIVE (25) ANCHORS ARE INSTALLED.
- 1.2.4.1.1.2. FROM JAMB ENDS FIVE (5) ANCHORS ARE INSTALLED AT 4" FROM THE OUTSIDE OF THE JAMB, THEN 3" ON CENTER FOR THE REMAINING FOUR (4) ANCHORS. THIS IS APPLICABLE TO EACH SIDE OF THE HEAD.
- 1.2.4.1.1.3. BETWEEN THE JAMB END CLUSTERS, FIFTEEN (15) INTERMEDIATE ANCHORS ARE SPACED ON CENTER AT 12" MAX.
- 1.2.4.1.2. INTERIOR ANCHORS
- 1.2.4.1.2.1. A TOTAL OF EIGHTEEN (18) ANCHORS ARE INSTALLED.
- 1.2.4.1.2.2. FROM JAMB ENDS ONE (1) ANCHOR IS INSTALLED AT 12" FROM THE OUTSIDE OF THE JAMB. THIS IS APPLICABLE TO EACH SIDE OF THE HEAD.
- 1.2.4.1.2.3. BETWEEN THE JAMB END ANCHORS, SIXTEEN (16) INTERMEDIATE ANCHORS ARE SPACED ON CENTER AT 12" MAX.
- 1.2.4.2. FOR DOOR WIDTHS LESS THAN 220-1/2", THE INTERMEDIATE ANCHORS CAN BE REDUCED BY ONE EACH TIME THE ON CENTER SPACING (12" FOR EXTERIOR AND 12" FOR INTERIOR ANCHORS) DECREASES TO 50% OF THAT SHOWN IN THE ELEVATION VIEW ON SHEET 3.
- 1.2.4.2.1. END ANCHORS (CLUSTER OF FIVE AT EXTERIOR AND ONE AT INTERIOR) SHALL NOT BE REDUCED.
- 1.2.4.2.2. ONLY THE INTERMEDIATE ANCHORS SHALL BE REDUCED FOR DOOR WIDTHS LESS THAN 220-1/2"
- 1.2.4.3. FOR DOOR WIDTHS GREATER THAN 220-1/2", THE INTERMEDIATE ANCHORS CAN BE INCREASED AS REQUIRED TO MAINTAIN THE ON CENTER SPACING (12" FOR EXTERIOR AND 12" FOR INTERIOR ANCHORS) OF THAT SHOWN IN THE ELEVATION VIEW ON SHEET 3.
- 1.2.4.3.1. END ANCHORS (CLUSTER OF FIVE AT EXTERIOR AND ONE AT INTERIOR) SHALL REMAIN THE SAME.
- 1.2.4.3.2. ONLY THE INTERMEDIATE ANCHORS SHALL BE INCREASED FOR DOOR WIDTHS GREATER THAN 220-1/2"

- 1.3. SILL**
- 1.3.1. SILL INSTALLATION ANCHORS ARE COMPRISED OF TWO ROWS OF ANCHORS (AS MEASURED) ALONG THE WIDTH OF THE SILL.
- 1.3.2. DISTANCE BETWEEN THE ROWS OF INSTALLATION ANCHORS ARE SHOWN IN SECTION VIEW A/4 AND A/5 AND ARE APPROXIMATELY 27/32".
- 1.3.3. ANCHORS LOCATED ALONG THE TWO ROWS DO NOT LIE IN THE SAME PLANE OR LOCATION.
- 1.3.4. QUANTITIES OF INSTALLATION ANCHORS.
- 1.3.4.1. FOR THE 220-1/2" WIDE DOOR (TESTED WIDTH), ANCHORS ARE LOCATED AS FOLLOWS - SEE ELEVATION VIEW/SILL ANCHOR LAYOUT ON SHEET 3.
- 1.3.4.1.1. EXTERIOR ANCHORS
- 1.3.4.1.1.1. A TOTAL OF EIGHTEEN (18) ANCHORS ARE INSTALLED.
- 1.3.4.1.1.2. FROM JAMB ENDS ONE (1) ANCHOR IS INSTALLED AT 12" FROM THE OUTSIDE OF THE JAMB. THIS IS APPLICABLE TO EACH SIDE OF THE SILL.
- 1.3.4.1.1.3. BETWEEN THE JAMB END ANCHORS, SIXTEEN (16) INTERMEDIATE ANCHORS ARE SPACED ON CENTER AT 12" MAX.
- 1.3.4.1.2. INTERIOR ANCHORS
- 1.3.4.1.2.1. A TOTAL OF NINETEEN (19) ANCHORS ARE INSTALLED.
- 1.3.4.1.2.2. FROM JAMB ENDS ONE (1) ANCHOR IS INSTALLED AT 6" FROM THE OUTSIDE OF THE JAMB. THIS IS APPLICABLE TO EACH SIDE OF THE SILL.
- 1.3.4.1.2.3. BETWEEN THE JAMB END ANCHORS, SEVENTEEN (17) INTERMEDIATE ANCHORS ARE SPACED ON CENTER AT 12" MAX.
- 1.3.4.2. FOR DOOR WIDTHS LESS THAN 220-1/2", THE INTERMEDIATE ANCHORS CAN BE REDUCED BY ONE EACH TIME THE ON CENTER SPACING (12" FOR EXTERIOR AND 12" FOR INTERIOR ANCHORS) DECREASES TO 50% OF THAT SHOWN IN THE ELEVATION VIEW ON SHEET 3.
- 1.3.4.2.1. END ANCHORS (CLUSTER OF ONE AT INTERIOR AND ONE AT EXTERIOR) SHALL NOT BE REDUCED.
- 1.3.4.2.2. ONLY THE INTERMEDIATE ANCHORS SHALL BE REDUCED FOR DOOR WIDTHS LESS THAN 220-1/2"
- 1.3.4.3. FOR DOOR WIDTHS GREATER THAN 220-1/2", THE INTERMEDIATE ANCHORS CAN BE INCREASED AS REQUIRED TO MAINTAIN THE ON CENTER SPACING (12" FOR EXTERIOR AND 12" FOR INTERIOR ANCHORS) OF THAT SHOWN IN THE ELEVATION VIEW ON SHEET 3.
- 1.3.4.3.1. END ANCHORS (CLUSTER OF ONE AT INTERIOR AND ONE AT EXTERIOR) SHALL REMAIN THE SAME.
- 1.3.4.3.2. ONLY THE INTERMEDIATE ANCHORS SHALL BE INCREASED FOR DOOR WIDTHS GREATER THAN 220-1/2"

2. ANCHORS ARE TO MATCH TYPE, SIZE, EDGE DISTANCE AND EMBEDMENT OF THOSE SHOWN IN THE INSTALLATION ANCHOR SCHEDULE SHOWN ON SHEET ONME 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. 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 SHEET 1.

APPROVED CONFIGURATIONS



NOTE:
APPROVED CONFIGURATIONS ABOVE ARE POSSIBLE 2-PANEL, 3-PANEL AND 4-PANEL ARRANGEMENTS THAT ARE ALLOWED BASED ON TESTING THE 6-PANEL ARRANGEMENT SHOWN IN SHEET 3 ELEVATION. 5-PANEL, 6-PANEL AND ABOVE ARE ALLOWED UNDER THE FOLLOWING CONDITIONS:

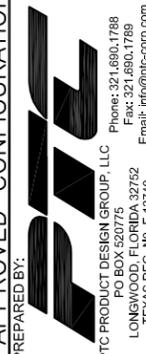
1. NOT EXCEEDING THE MAXIMUM TESTED PANEL SIZE AS SHOWN IN SHEET 3 ELEVATION.
2. USING TESTED AND APPROVED VERTICAL STILE CONDITIONS.
3. NOT EXCEEDING THE MAXIMUM FRAME HEIGHT AS SHOWN IN SHEET 3 ELEVATION.

PROJECT NUMBER: 413-0203

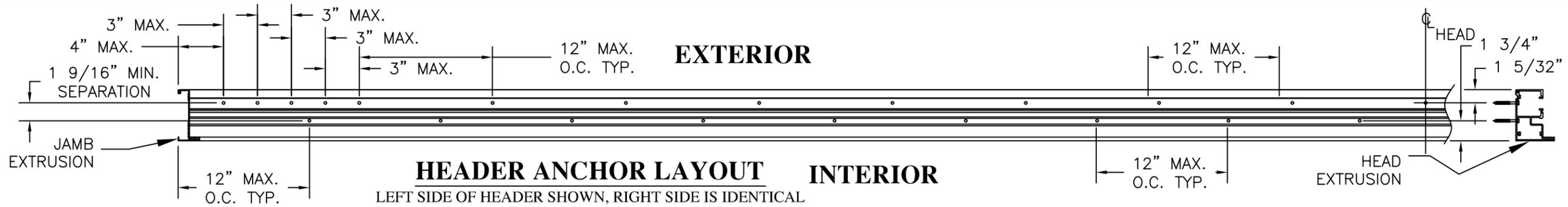
EURO-WALL SYSTEMS, LLC
24100 TISEO BLVD.
PUNTA, GORDA, FL 33980

TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
GLAZED FOLDING DOOR SYSTEM
APPROVED CONFIGURATIONS AND INSTALLATION NOTES

DRAWN BY: RJA DATE: 07/18/13
SCALE: N.T.S. DRAWING NO: EUR0008
REV: -- SHEET: 2 OF 8

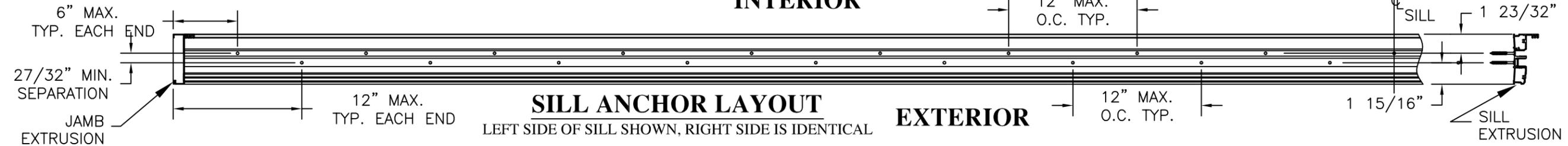
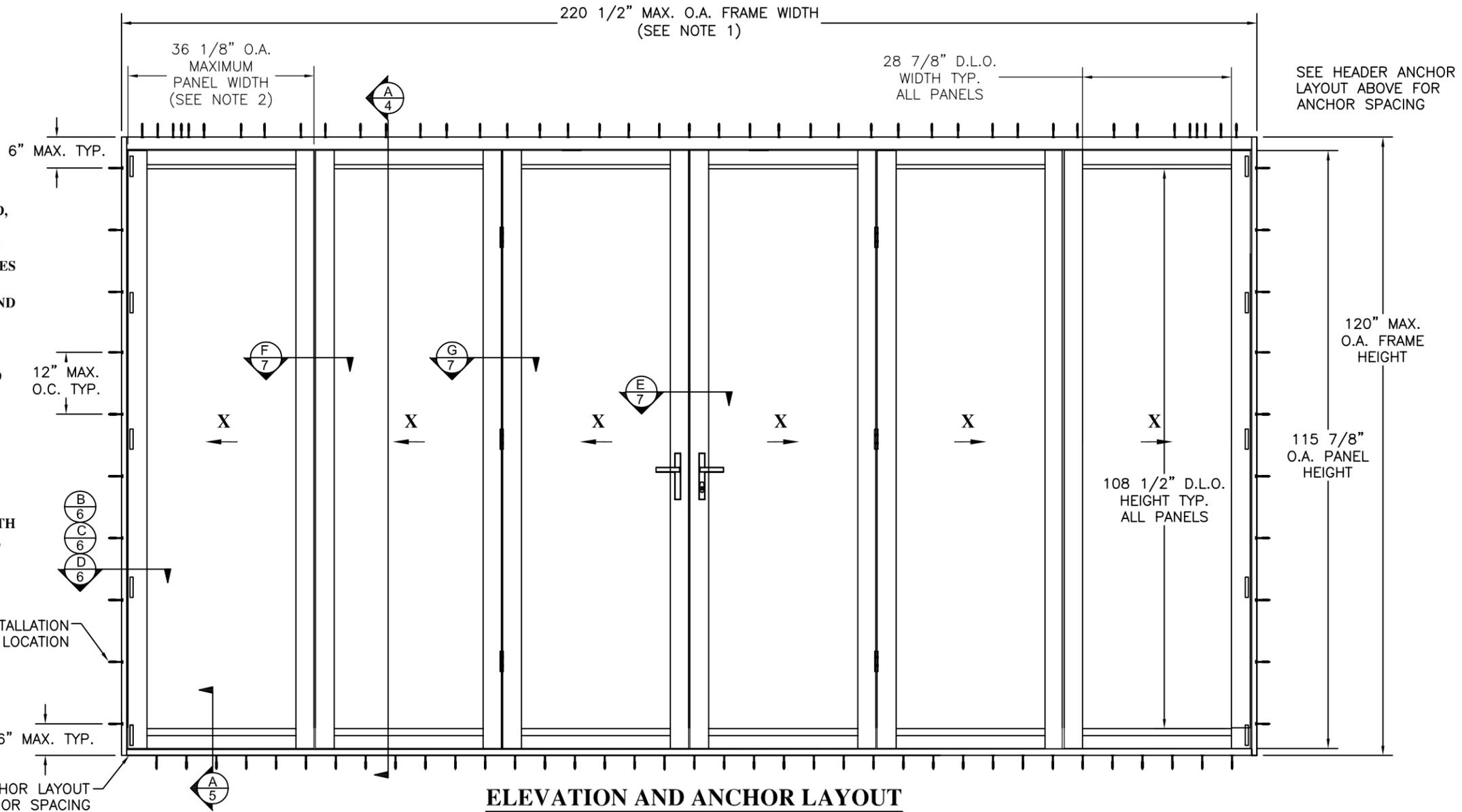


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NOTE 1:
SIX PANELS SHOWN (3L/3R) AS TESTED, UNLIMITED PANELS IN UNLIMITED CONFIGURATIONS ARE APPROVED AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM TESTED NOMINAL PANEL SIZE OF 36" x 116" AND UNIT IS MANUFACTURED WITH VERTICAL STILE CONDITIONS AS SHOWN HEREIN. SEE SHEET 2 FOR A SELECTION OF STANDARD APPROVED CONFIGURATIONS UP TO BUT NOT LIMITED TO 4-PANELS, 5-PANEL, 6-PANELS AND ABOVE CONFIGURATIONS ARE ALLOWED.

NOTE 2:
MAXIMUM PANEL WIDTH SHOWN. PANEL WIDTHS CAN BE SMALLER WITH SAME D.L.O. DEPENDING UPON PANEL CONFIGURATION.



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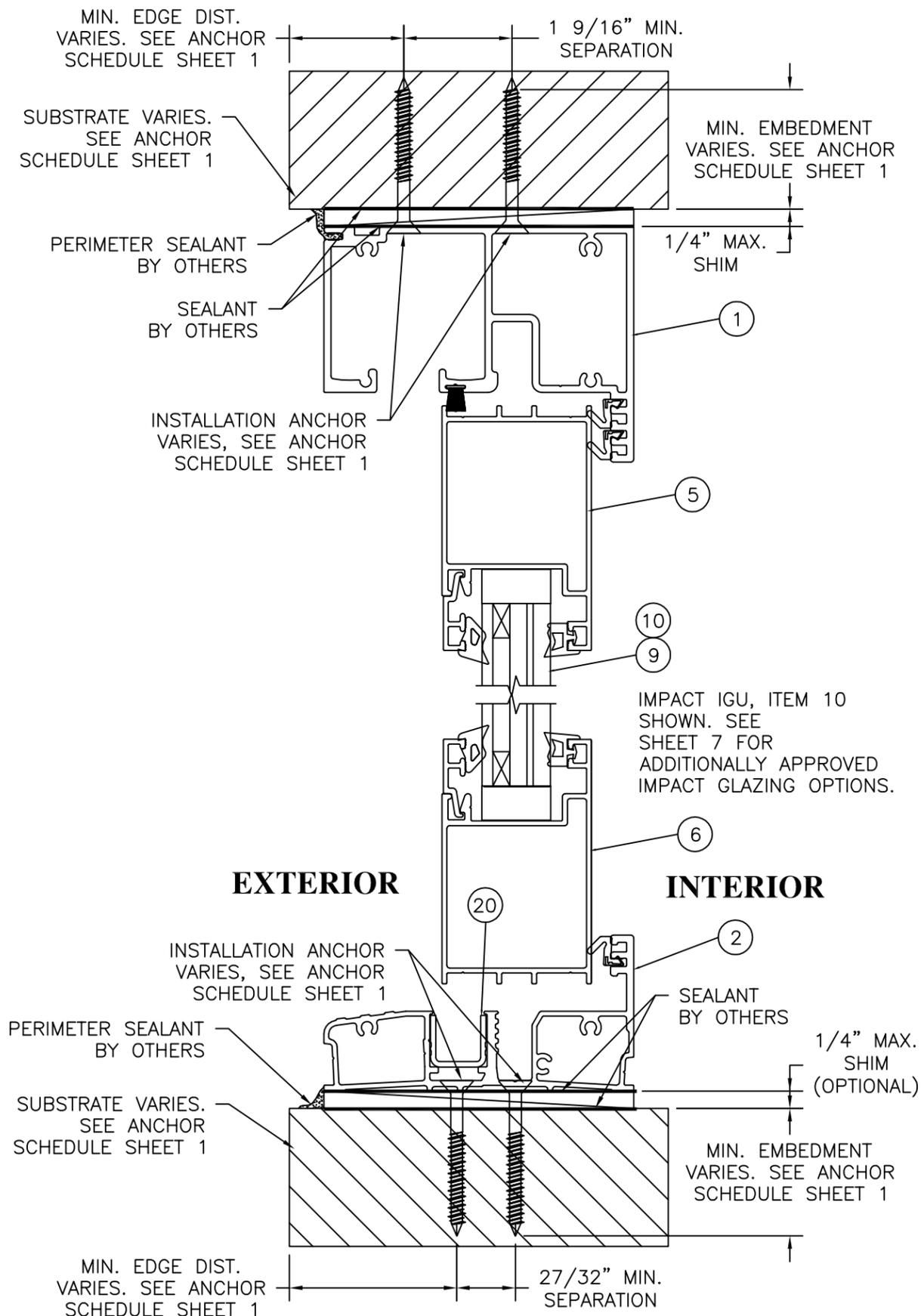
TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
GLAZED FOLDING DOOR SYSTEM
ELEVATION AND ANCHORING LAYOUT

PREPARED BY: RJA
SCALE: N.T.S.
REV: --

DATE: 07/18/13
DRAWING NO: EUR0008
SHEET: 3 OF 8

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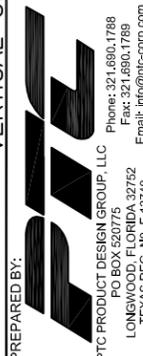
A **VERTICAL CROSS SECTION**
4 **WITH STANDARD SILL TRACK W/RISER**
 (SEE SHEET 5 FOR ADDITIONAL SILL OPTIONS)

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 24100 TISEO BLVD.
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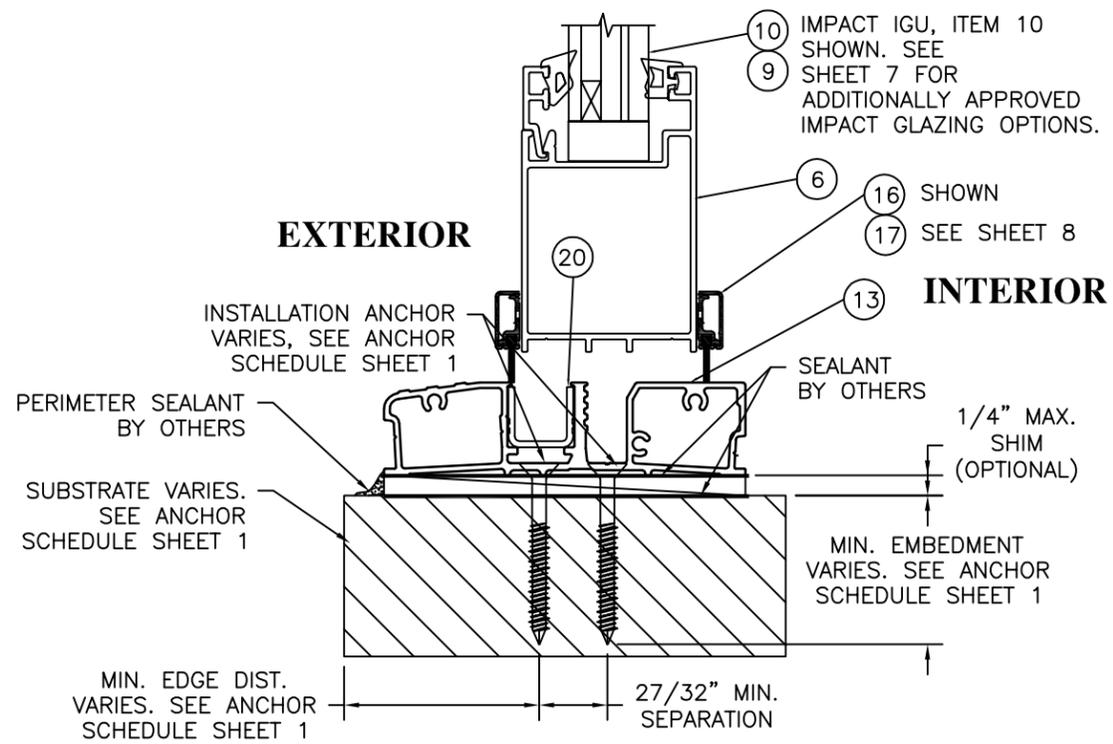
TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
 GLAZED FOLDING DOOR SYSTEM
 VERTICAL CROSS SECTION

PREPARED BY: PTC
 DRAWN BY: RJA
 SCALE: N.T.S.
 DATE: 07/18/13
 DRAWING NO: EUR0008
 SHEET: 4 OF 8

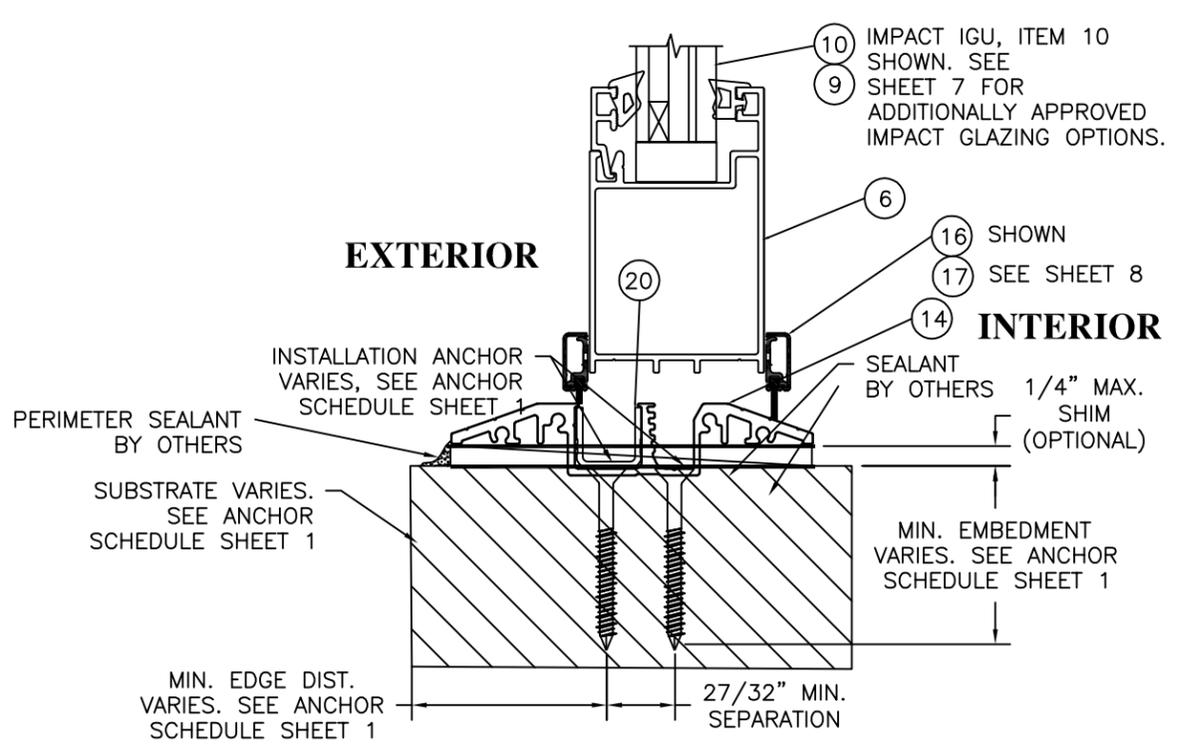


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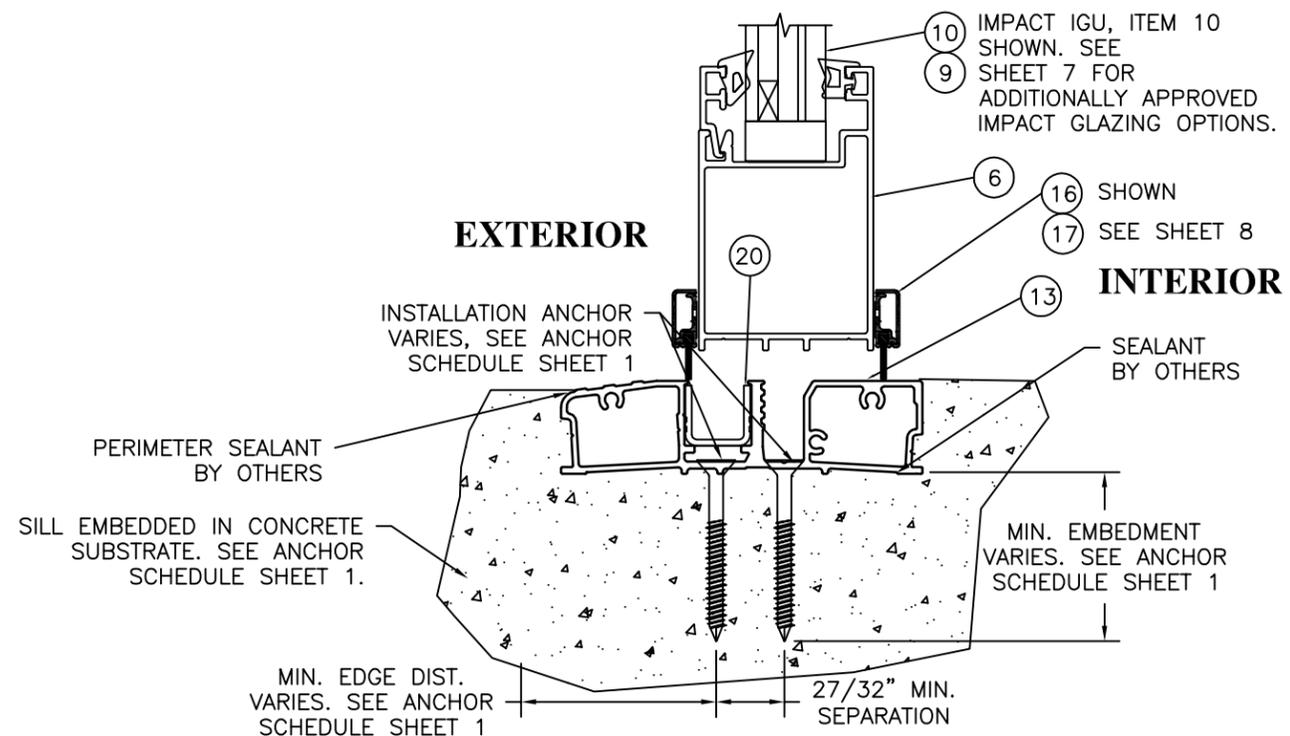
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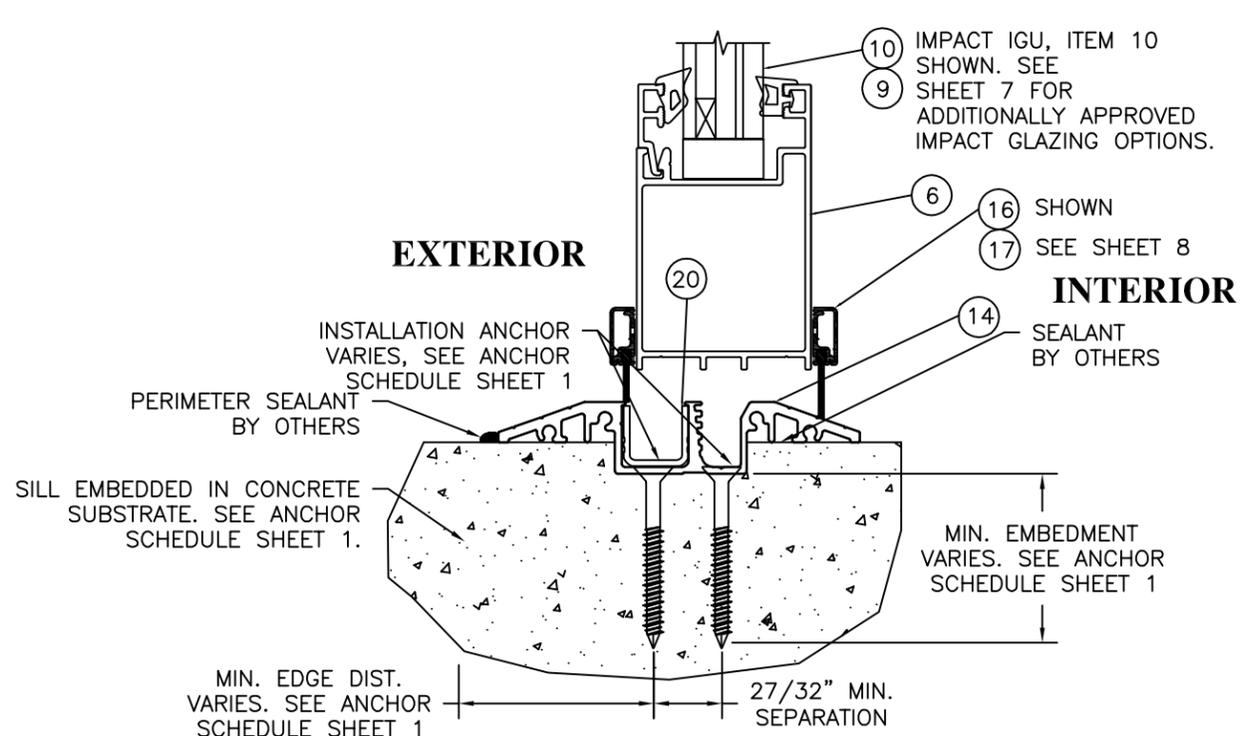
A VERTICAL CROSS SECTION
5 WITH STANDARD SILL TRACK W/O RISER



A VERTICAL CROSS SECTION
5 WITH ADA SILL TRACK W/O RISER



A VERTICAL CROSS SECTION
5 WITH STANDARD SILL TRACK W/O RISER EMBEDDED IN CONCRETE SUBSTRATE



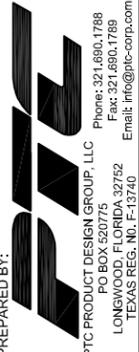
A VERTICAL CROSS SECTION
5 WITH ADA SILL TRACK EMBEDDED IN CONCRETE SUBSTRATE

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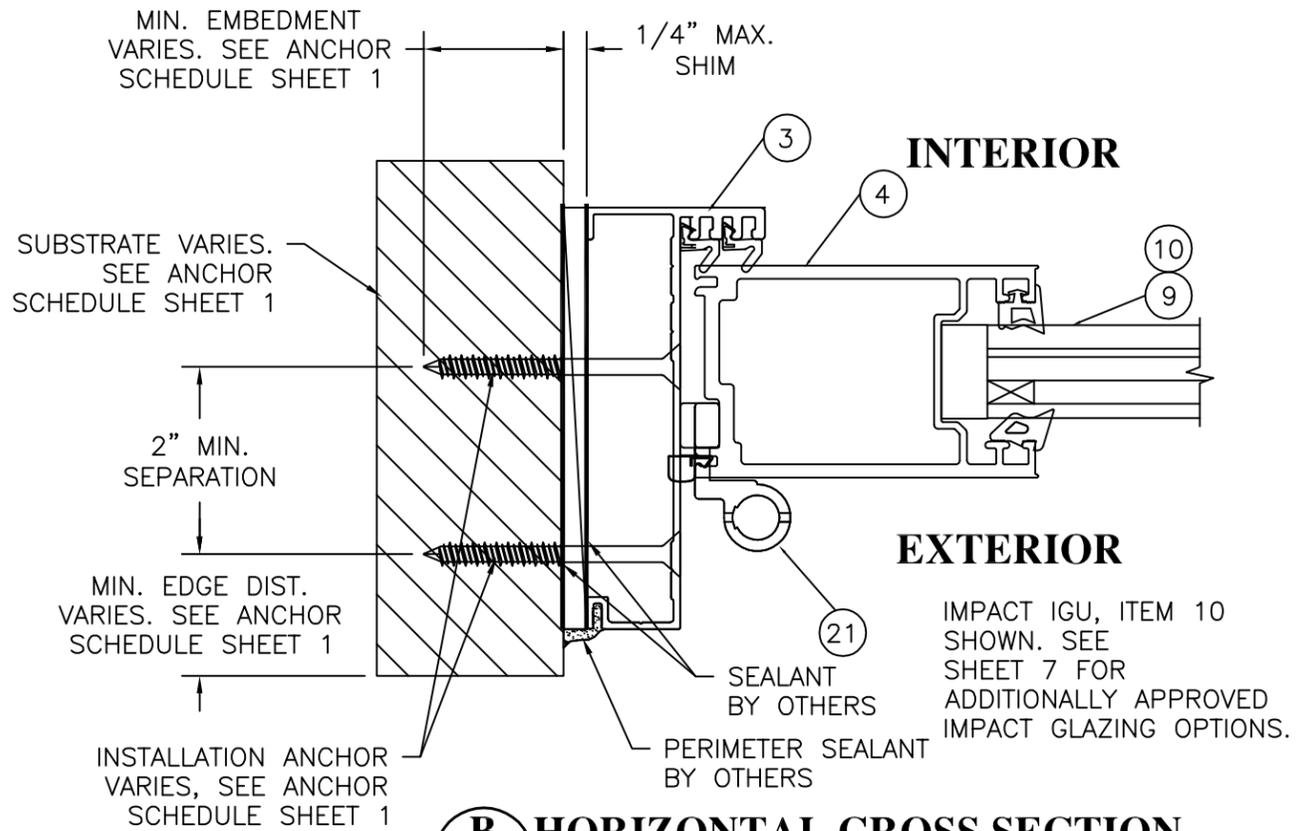
TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
GLAZED FOLDING DOOR SYSTEM
VERTICAL CROSS SECTION - ALTERNATE SILL OPTIONS

PREPARED BY: RJA
DATE: 06/03/13
DRAWING NO: EUR0008
SCALE: N.T.S.
SHEET: 5 OF 8

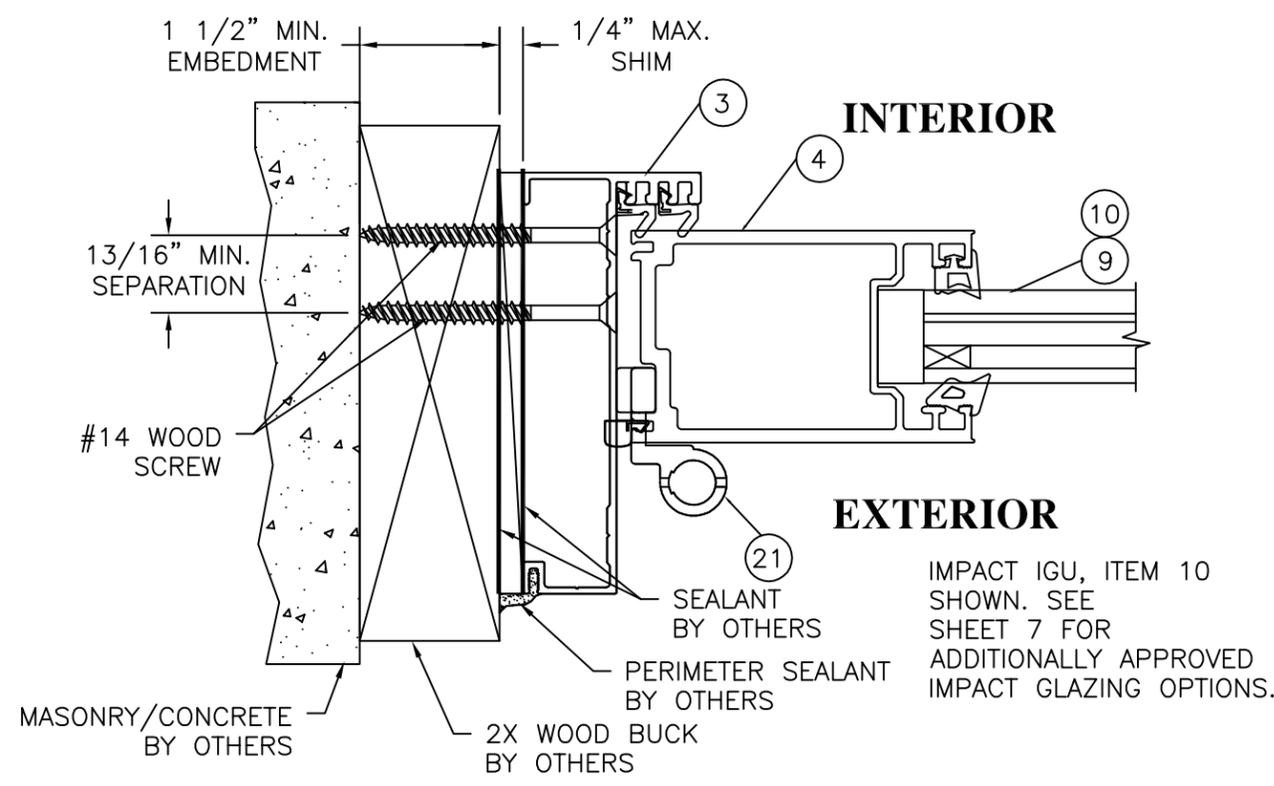


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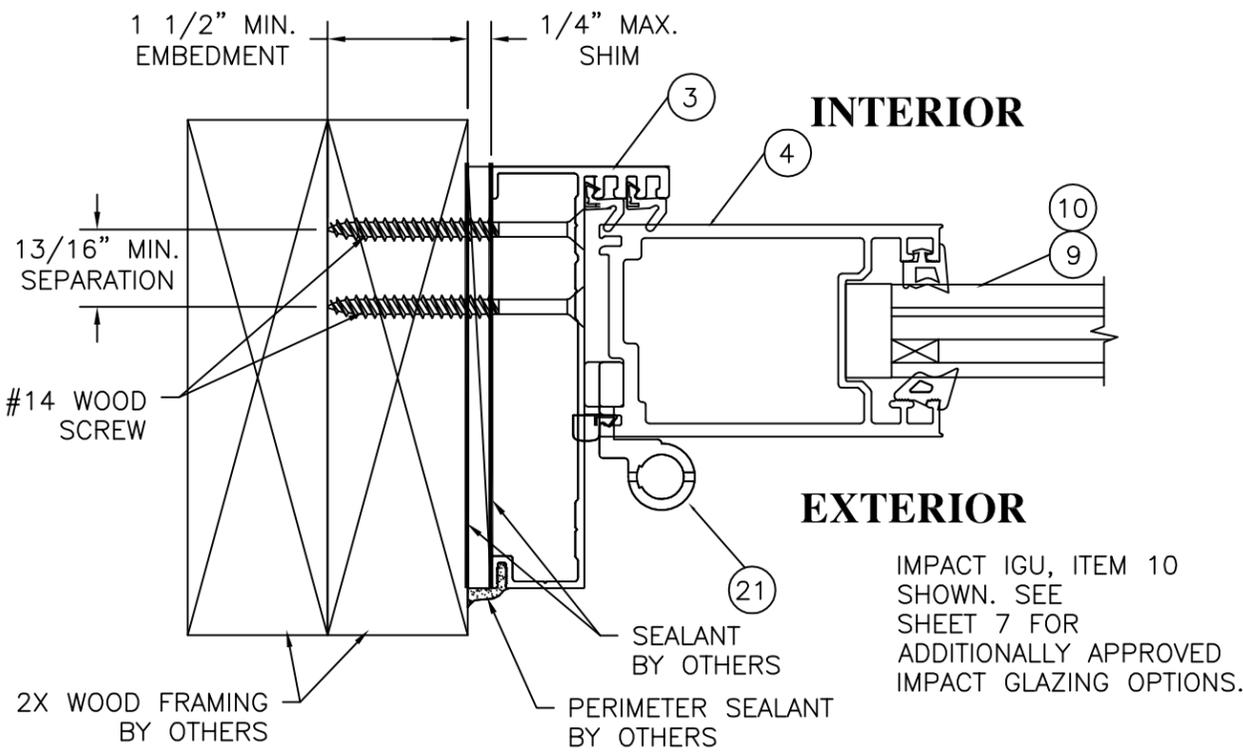
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B HORIZONTAL CROSS SECTION
 6 ALTERNATE INSTALLATION SUBSTRATE AND ANCHORS VARY, SEE ANCHOR SCHEDULE SHEET 2



C HORIZONTAL CROSS SECTION
 6 2X BUCK OVER MASONRY/CONCRETE INSTALLATION



D HORIZONTAL CROSS SECTION
 6 2X WOOD FRAMING INSTALLATION

PROJECT NUMBER:	413-0203		
REV	DESCRIPTION	DATE	BY

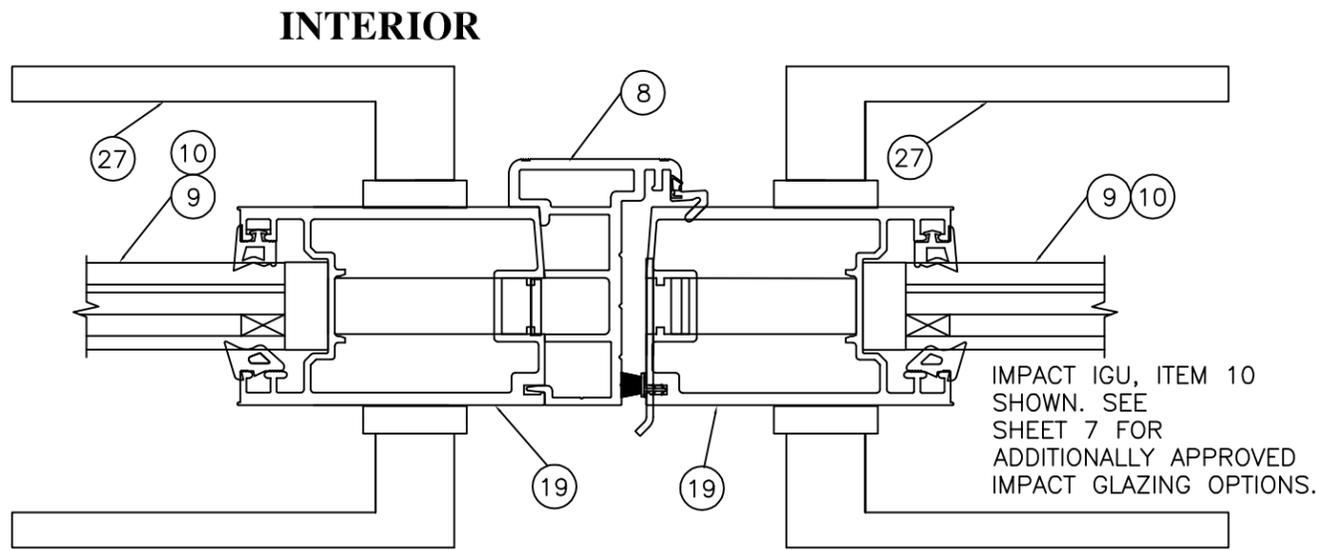
EURO-WALL SYSTEMS, LLC
 24100 TISEO BLVD.
 PUNTA, GORDA, FL 33980

TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
 GLAZED FOLDING DOOR SYSTEM
 HORIZONTAL CROSS SECTIONS

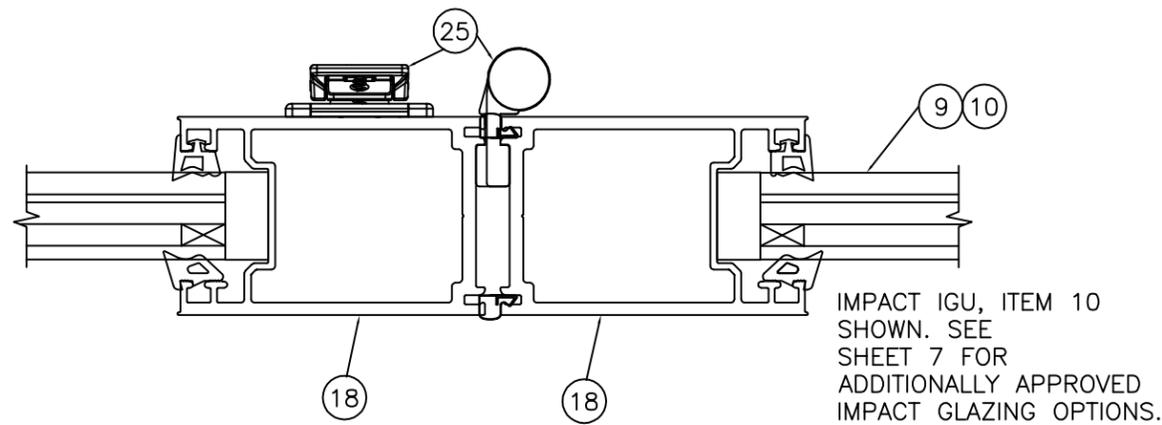
PREPARED BY: RJA
 DRAWN BY: RJA
 SCALE: N.T.S.
 DATE: 07/18/13
 DRAWING NO: EUR0008
 SHEET: 6 OF 8

PTC PRODUCT DESIGN GROUP, LLC
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 TEXAS REG. NO. F-13740

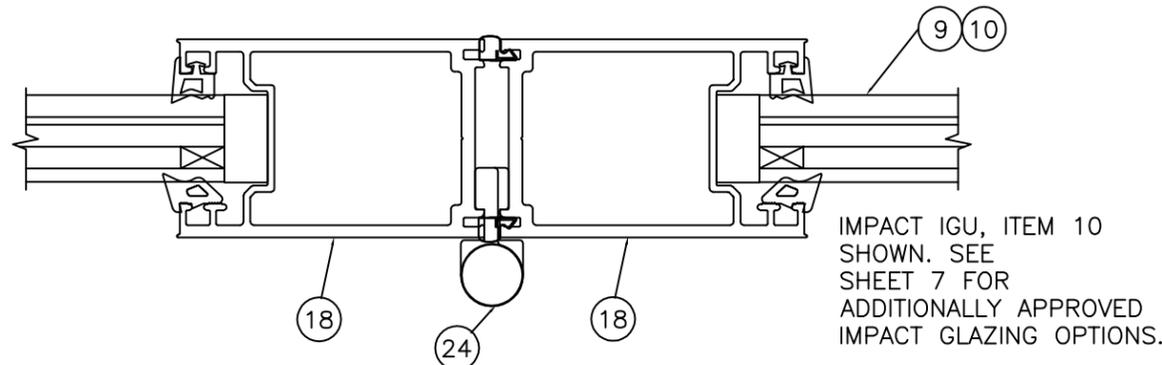
Robert J. Amoruso, P.E.
 Texas PE No. 80817



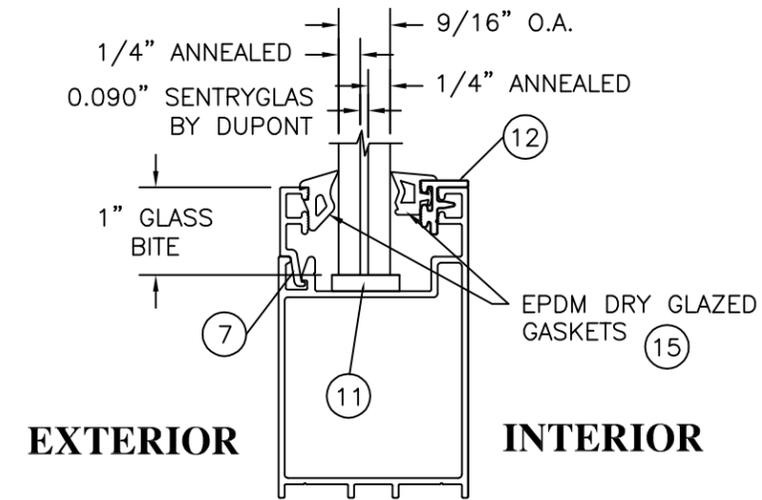
**E HORIZONTAL CROSS SECTION
7 ASTRAGAL**



**F HORIZONTAL CROSS SECTION
7 INTERMEDIATE CARRIER
MEETING STILES**

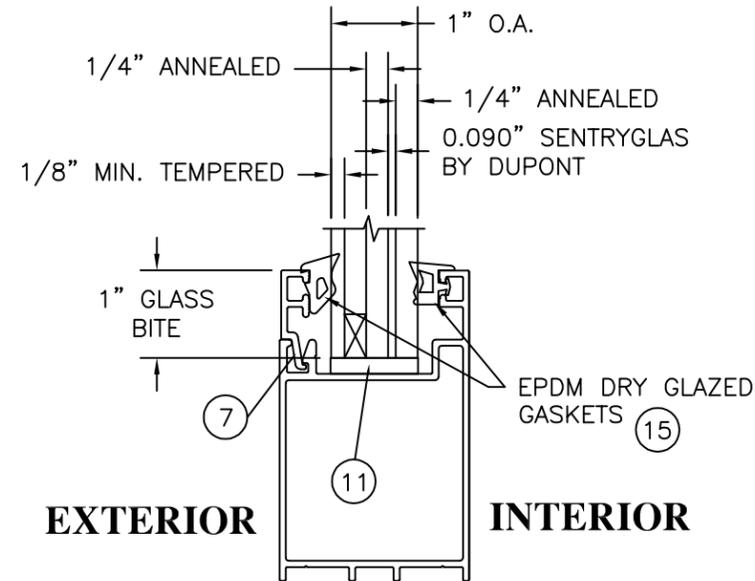


**G HORIZONTAL CROSS SECTION
7 MEETING STILES**



GLAZING OPTION 1 (BOM ITEM NO. 9)

9/16" O.A. IMPACT GLAZING
MISSILE D, WIND ZONE 4



GLAZING OPTION 2 (BOM ITEM NO. 10)

1" O.A. IMPACT IG GLAZING
MISSILE D, WIND ZONE 4

PROJECT NUMBER: 413-0507

EURO-WALL SYSTEMS, LLC
24100 TISEO BLVD.
PUNTA, GORDA, FL 33980

TITLE: EURO-C3 BIFOLD ALUMINUM DOOR SYSTEM
GLAZED FOLDING DOOR SYSTEM
HORIZONTAL CROSS SECTIONS - GLAZING DETAILS

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TEXAS REG. NO. F-13740

REV	DESCRIPTION	DATE	BY

Robert J. Amoruso, P.E.
Texas PE No. 80817

BILL OF MATERIALS

ITEM #	PART #	DESCRIPTION	MANUFACTURER	MATERIAL
1		HEAD TRACK	SAPA	ALUMINUM 6063-T5
2		STANDARD SILL TRACK W/RISER	SAPA	ALUMINUM 6063-T5
3		JAMB TRACK	SAPA	ALUMINUM 6063-T5
4		DOOR PANEL STILE	SAPA	ALUMINUM 6063-T5
5		DOOR PANEL TOP RAIL	SAPA	ALUMINUM 6063-T5
6		DOOR PANEL BOTTOM RAIL	SAPA	ALUMINUM 6063-T5
7		GLAZING STOP	SAPA	ALUMINUM 6063-T5
8		ASTRAGAL	SAPA	ALUMINUM 6063-T5
9		9/16" LAMINATED IMPACT GLASS	---	SEE GLAZING OPTION 1, SHEET 7
10		1" IGU LAMINATED IMPACT GLASS	---	SEE GLAZING OPTION 2, SHEET 7
11		SETTING BLOCKS	BRITISH PETROLEUM MATERIALS	RUBBER WITH 70 TO 90 SHORE 1 DUROMETER HARDNESS
12		EC3 GLAZING STOP REDUCER	SAPA	ALUMINUM 6063-T5
13		STANDARD SILL TRACK W/O RISER	SAPA	ALUMINUM 6063-T5
14		ADA SILL TRACK	SAPA	ALUMINUM 6063-T5
15		EPDM DRY GLAZING GASKET	TRELLEBORG SEALING PROFILES U.S. INC.	EPDM MEETING ASTM C 864-05
16		SWEEP WITH STRAIGHT RUBBER	SAPA	RUBBER
17		SWEEP WITH ROUND RUBBER	SAPA	RUBBER
18		DOOR PANEL INTERMEDIATE STILE	SAPA	ALUMINUM 6063-T5
19		DOOR PANEL ASTRAGAL STILE	SAPA	ALUMINUM 6063-T5
20		SILL TRACK LINER	---	POLYPROPYLENE
21		JAMB HINGE	EURO-WALL SYS.	304SS
22		INTERMEDIATE CARRIER *	EURO-WALL SYS.	304SS
23		ROLLING HINGE *	EURO-WALL SYS.	304SS
24		OFFSET HNGE W/O HANDLE	EURO-WALL SYS.	304SS
25		OFFSET HINGE W/HANDLE	EURO-WALL SYS.	304SS
26		TWINPOINT GEARSET WITH STAINLESS STEEL SHOOT BOLTS AND ALUMINUM RODS *	EURO-WALL SYS.	304SS AND ALUMINUM
27		MULTI-POINT LOCK MECHANISM WITH TOP AND BOTTOM HIGH SECURITY SHOOTBOLTS	PADDOCK FABRICATIONS LTD	304SS

* NOT SHOWN FOR CLARITY

WEATHERSTRIPPING DETAILS
(NOT SHOWN IN BOM OR IDENTIFIED IN SECTION VIEWS UNLESS OTHERWISE NOTE)

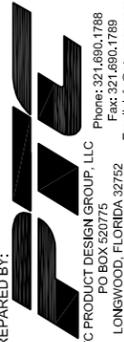
DESCRIPTION	QUANTITY	LOCATION
ALUMINUM AND RUBBER EPDM TRIPLE FIN SWEEP (PART # MD 05090)	1 ROW	EXTERIOR OF PANELS AT BOTTOM RAIL.
3/8" TALL DOOR SWEEP WITH VINYL FIN [PART# MD 47000]	1 ROW	TOP OF TOP RAIL.
3/8" X 3/4" THERMALBLEND (PART # 43846}	1 ROW	PANEL 5 FROM LEFT (3L/3R CONFIGURATION - SIMILAR LOCATION FOR OTHER CONFIGURATIONS), NEXT TO HINGE GASKET AT BOTTOM.
7/16" DIA. VINYL BULB GASKET, KERF MOUNTED	1 ROW	JAMB STILES
1/2" (WIDE) X 5/16" (TALL) FOAM TAPE	1 ROW	JAMB STILES
Q-LON GASKET "A"	1 ROW	JAMB STILES
Q-LON GASKET "A"	2 ROWS	MEETING STILES
POLYPILE GASKET WITH 3/8" MYLAR FIN	1 ROW	AT HEAD
3/8" TALL FOAM HINGE GASKET	1 PER HINGE	AT HINGE LOCATIONS WITH TWO ATTACHMENT POINTS
Q-LON GASKET "B"	1 ROW	AT ASTRAGAL EXTENDING 5/8" BELOW BOTTOM OF ASTRAGAL
FOAM GASKET "A"	1 ROW	3" LONG PIECE AT BOTTOM OF ASTRAGAL
Q-LON GASKET "C"	1 ROW	AT SILL RISER
Q-LON GASKET "A"	1 ROW	BELOW GASKET "C" ON SILL RISER
Q-LON GASKET "A"	1 ROW	AT JAMBS
Q-LON GASKET "A"	2 ROWS	AT HEAD, TOP ROW FACING DOWN, BOTTOM ROW FACING UP
SWEEP WITH STRAIGHT RUBBER (BOM ITEM NO. 16)	1 ROW	AT BOTTOM OF DOOR PANELS, INTERIOR AND EXTERIOR, FOR ADA AND STANDARD SILL W/O RISER ONLY.
SWEEP WITH STRAIGHT RUBBER (BOM ITEM NO. 17)	1 ROW	

PROJECT NUMBER: 413-0507

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 GLAZED FOLDING DOOR SYSTEM
 BILL OF MATERIALS AND WEATHERSTRIPPING

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