

DSA Master Crafted Doors

Double Full View Door with Full View Transom

INSTALLATION ANCHORAGE DETAILS

INSTALLATION NOTES:

1. SEE ELEVATIONS (SHEET 4 & 5), SECTION VIEW (SHEETS 9 THRU 12) AND DETAILS (SHEETS 7 AND 8) FOR INSTALLATION ANCHOR TYPE, LOCATION, QUANTITY AND PLACEMENT IN 2X WOOD FRAMING OR 2X WOOD BUCKING. FOR INSTALLATION ANCHORS IN CONCRETE AND MASONRY CONSTRUCTION, SEE NOTE 2 BELOW.
2. INSTALLATIONS DETAILS DEPICTED IN THIS PRODUCT APPROVAL DOCUMENT USE WOOD SCREWS EMBEDDED INTO SUPPORTING SUBSTRATE THAT IS EITHER 2X WOOD FRAMING OR 2X WOOD BUCKING STRUCTURALLY ATTACHED TO CONCRETE/MASONRY SUBSTRATE. WHERE INSTALLATION ANCHORS ARE EMBEDDED INTO CONCRETE/MASONRY EITHER WITH/WITHOUT 1X WOOD BUCKING, CONCRETE SCREWS SHALL BE USED. THE FOLLOWING TYPES OF INSTALLATION FASTENERS SHALL BE EMPLOYED BASED ON THE SUPPORTING SUBSTRATE AS FOLLOWS.

- 2.1. 2X WOOD FRAMING OR BUCKING AT HEAD, SILLS OR JAMBS
- 2.1.1. INSTALLATION DETAILS SHOWN ON SHEETS 3 THROUGH 12 DEPICT INSTALLATION REQUIREMENTS USING NO. 12 WOOD SCREWS.
- 2.1.2. SEE NOTE 3 BELOW FOR SCREWS SPECIFICATIONS, MINIMUM EMBEDMENT, SPACING AND EDGE DISTANCES.
- 2.2. CONCRETE OR MASONRY AT HEAD, SILLS OR JAMBS (OPTIONAL, 1X WOOD BUCK ALLOWED)
- 2.2.1. 1/4" DIAMETER ELCO ULTRACON CONCRETE SCREWS SHALL BE USED IN LIEU OF NO. 12 WOOD SCREWS IN ALL LOCATIONS WHERE SUPPORTING SUBSTRATE IS CONCRETE OR MASONRY EXCEPT AS NOTED IN NOTE 2.2.2 BELOW.
- 2.2.2. 3/16" DIAMETER ELCO ULTRACON CONCRETE SCREWS SHALL BE USED IN LIEU OF NO. 12 WOOD SCREWS IN ALL LOCATIONS WHERE SUPPORTING SUBSTRATE IS CONCRETE OR MASONRY IN THE FOLLOWING INSTANCES:
 - 2.2.2.1. DETAIL 1, SHEET 7 - TOP STRIKE PLATE
 - 2.2.2.2. DETAIL 2, SHEET 7 - BOTTOM STRIKE PLATE
 - 2.2.2.3. DETAIL 3, SHEET 7 - THRESHOLD SECTION
 - 2.2.2.4. DETAIL 4, SHEET 7 - CLOSED HINGE (APPLICABLE TO #12 X 3-1/2" WS LOCATION ONLY)
 - 2.2.2.5. DETAIL 5, SHEET 7 - OPEN HINGE (APPLICABLE TO #12 X 3-1/2" WS LOCATION ONLY)
 - 2.2.2.6. DETAIL 6, SHEET 8 - JAMB ANCHORAGE AT HINGE (APPLICABLE TO #12 X 3-1/2" WS LOCATION ONLY)

3. INSTALLATION SCREW (ANCHORAGE) SPECIFICATION

- 3.1. NO. 12 WOOD SCREWS AT THE LENGTHS SHOWN IN THE INSTALLATION DETAILS.
- 3.1.1. WOOD SCREWS SHALL MEET ANSI B18 6.1 AND BE A MINIMUM GRADE 2 STRENGTH.
- 3.1.2. MINIMUM EMBEDMENT IS 1-1/2". WOOD SCREW LENGTHS CAN BE VARIED IF NEEDED AS LONG AS MINIMUM EMBEDMENT IS MAINTAINED. THIS REQUIREMENT APPLICABLE TO SUBSTRATE EMBEDDED SCREWS ONLY.
- 3.1.3. MINIMUM EDGE DISTANCE AND SPACING BETWEEN SCREWS IS 7/8".
- 3.2. 1/4" DIAMETER ELCO ULTRACON CONCRETE SCREWS
- 3.2.1. MINIMUM EMBEDMENT IS 1-3/4" IN CONCRETE AND 1-1/4" IN MASONRY (CMU).
- 3.2.2. MINIMUM EDGE DISTANCE IS 2-1/2".
- 3.2.3. MINIMUM SPACING BETWEEN SCREWS IS 1-1/2".
- 3.2.4. 3/16" DIAMETER ELCO ULTRACON CONCRETE SCREWS
- 3.2.1. MINIMUM EMBEDMENT IS 1-3/4" IN CONCRETE AND 1-1/4" IN MASONRY (CMU).
- 3.2.2. MINIMUM EDGE DISTANCE IS 2-1/2".
- 3.2.3. MINIMUM SPACING BETWEEN SCREWS IS 1-1/2".

4. 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. INSTALLATION ANCHORS AT THE STRIKE PLATES AND HINGES SHALL REMAIN THE SAME.

5. SHIMS AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. SHIMS MAY NOT BE SHOWN IN THE SECTION VIEWS OF THIS DRAWING FOR CLARITY.

6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM BRICK VENEER AND SIDING).
7. SINGLE DOOR IS APPROVED AND SHALL BE INSTALLED IN A MANNER IN COMPLIANCE WITH THE REQUIREMENTS OF THIS PRODUCT APPROVAL DOCUMENT.

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE - BUILDING AND RESIDENTIAL REQUIREMENTS EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NO. ATLNC 0820 01-14 DATED 10/13/14, TEST REPORT NO. ATLNC 0819 01-14 DATED 10/13/14 AND ASSOCIATED LABORATORY STAMPED DRAWINGS. TESTING WAS PERFORMED TO THE FOLLOWING:
 - 1.1. ASTM E330-02
 - 1.2. ASTM E283-04
 - 1.3. ASTM E1986-05
 - 1.4. ASTM E1996-09

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 NOT REQUIRED WITH THIS PRODUCT.

5. DOOR FRAME AND PANEL MATERIAL: MAHOGANY

6. GLAZING:

- 6.1. 1" OVERALL THICKNESS, 5/32" TEMPERED, AIR SPACE (XL EDGE SPACER), 5/16" LAMINATED (1/8" ANNEALED) KURARAY BUTYRATE 090 PVB INTERLAYER/ 1/8" ANNEALED) BY CARDINAL GLASS INDUSTRIES INC. GLAZED USING DOW 995 STRUCTURAL ADHESIVE GRADE SEALANT.
- 6.2. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04a01.

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" (WHERE APPLICABLE) STAND FOR THE FOLLOWING:

- 8.1. X: OPERABLE PANEL

- 8.2. O: FIXED PANEL

9. HARDWARE (AS TESTED, SUBSTITUTIONS ALLOWED PER FBC REQUIREMENTS):

- 9.1. MULTI-POINT LOCK AND HANDLES BY ASHLEIGH HARDWARE

- 9.2. HINGES (10) STEEL 4-1/2" X 4-1/2" BALL BEARING HINGES BY CAL ROYAL

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PERFORMANCE RATING

DESIGN PRESSURE RATING (PSF)	WATER PENETRATION RATING	IMPACT RATING
MAXIMUM UNIT DIMENSIONS UP TO O.A. SIZE SHOWN ON ELEVATION VIEW		
7/8" X 123-1/8" X 135" INSURING	7/8" X 123-1/8" X 135" INSURING	7/8" X 123-1/8" X 135" INSURING
7/8" X 162-1/8" OXK INSURING	7/8" X 162-1/8" OXK INSURING	7/8" X 162-1/8" OXK INSURING

NOTE 1: PRODUCT NOT TESTED FOR WATER PENETRATION RESISTANCE. THEREFORE THE PRODUCT MUST BE USED WHERE WATER PENETRATION IS NOT REQUIRED OR WHERE AN OVERHANG MEETING THE REQUIREMENTS OF THE CURRENT EDITION FBC/IRC HAS BEEN EMPLOYED.



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

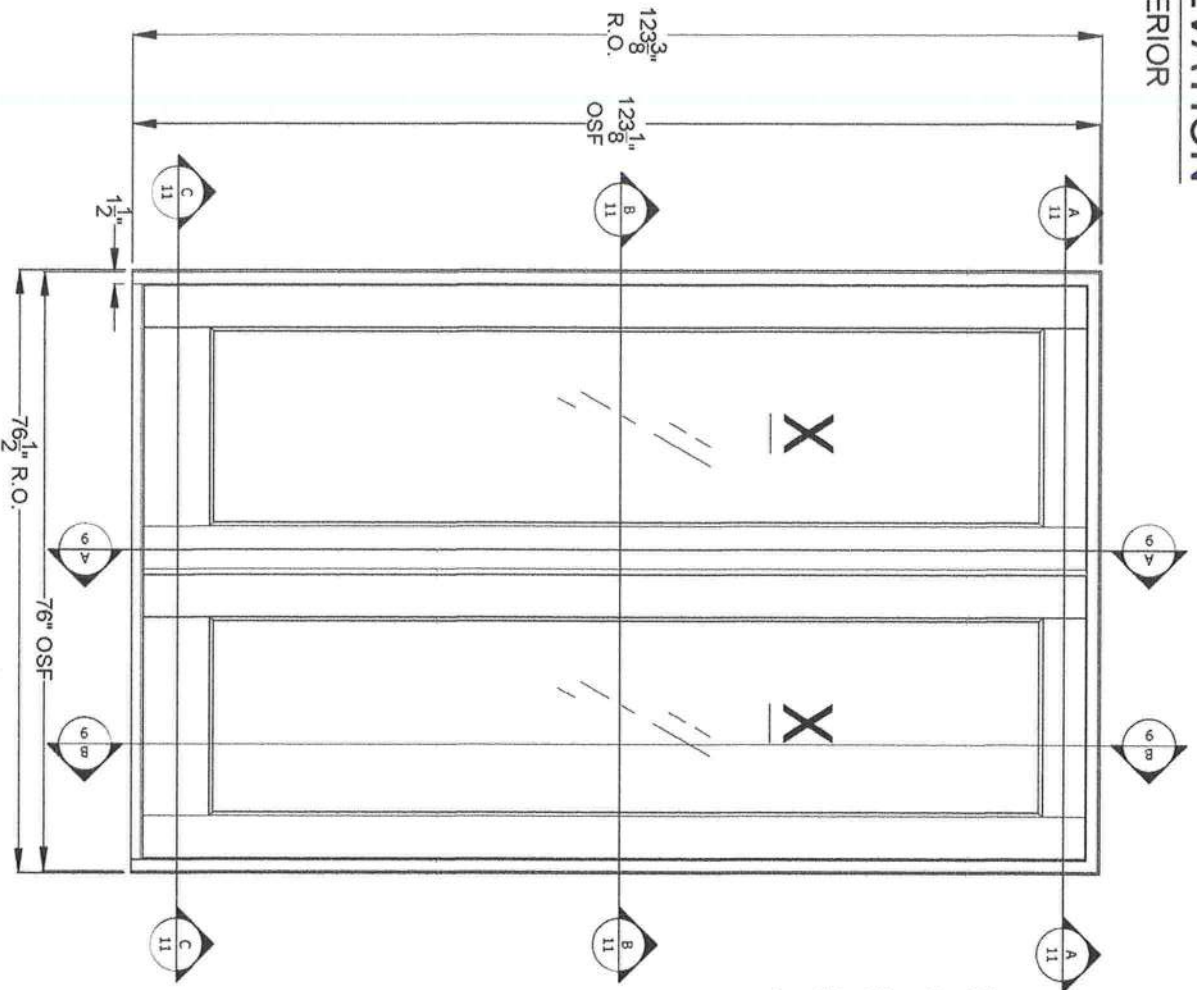
DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617	
Double Full View Door with Full View Transom NOTES - GENERAL & INSTALLATION	
PREPARED BY: PTC	DATE: 2/1/17
SCALE: N.T.S.	DRAWING NO: DSA0001
SHEET: A	SHEET: 1 OF 15

PROJECT #420-0601

A	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA
REI			

XX ELEVATION

EXTERIOR



- PRODUCT LIMITATIONS:**
1. MAXIMUM OVERALL (O.A.) FRAME SIZE
 - 1.1. 76" X 123-1/8"
 2. MAXIMUM PANEL SIZE
 - 2.1. 36" X 120"
 3. MINIMUM PANEL THICKNESS
 - 3.1. 2-1/4" (NOMINAL)
 4. MAXIMUM DAYLIGHT OPENING (D.L.O.)
 - 4.1. 24-1/4" X 105-5/8"



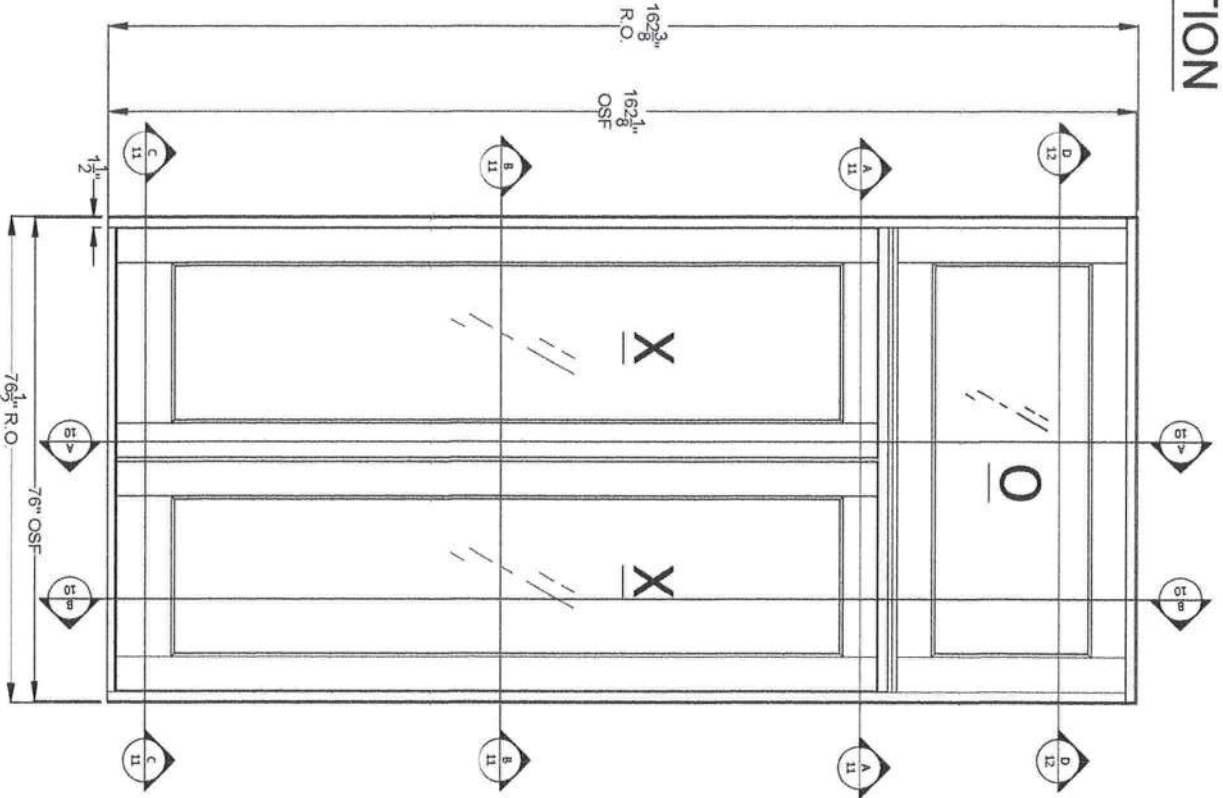
Robert J. Amoruso, P.E.
Florida P.E. No. 49752

DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617		PROJECT #420-0601	
TITLE Double Full View Door with Full View Transom XX ELEVATION		DATE 2/1/17	
DRAWN BY RJA		CRAWING NO. DSA0001	
SCALE N.T.S.		SHEET 2 OF 15	
REV. A		REV.	

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

OXX ELEVATION

EXTERIOR



PRODUCT LIMITATIONS:

1. MAXIMUM OVERALL (O.A.) FRAME SIZE
- 1.1. 76" X 162-1/8"
2. MAXIMUM PANEL SIZE
- 2.1. 36" X 120"
3. MINIMUM PANEL THICKNESS
- 3.1. 2-1/4" (NOMINAL)
4. MAXIMUM DAYLIGHT OPENING (D.L.O.)
- 4.1. DOOR PANEL: 24-1/4" X 105-5/8"
- 4.2. TRANSOM: 61" X 24" (SHOWN)
- 4.2.1. 67" X 30" (BASED ON MAXIMUM IN TESTING- TEST REPORT NO. ATLNC 0819.01-14)



Robert J. Amoruso, P.E.
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DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617	
TITLE: Double Full View Door with Full View Transom OXX ELEVATION	
PREPARED BY: PTC	DRAWN BY: RJA
DATE: 2/1/17	SCALE: N.T.S.
REV: A	SHEET: 3 OF 15

PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

Technical drawing of a door assembly showing top and side views with dimensions and labels.

Top View Dimensions:

- Overall width: 82"
- Overall height: 126 1/8"
- Header spacing: 8 1/8" (left), 23 7/8" O.C., 23 7/8" O.C., 23 7/8" O.C., 23 7/8" O.C., 23 3/4" O.C., 22 3/4" (right)
- Stile spacing: 10" O.C., 10" O.C.
- Door width: 10"

Labels and Callouts:

- 1: LVL OR 2X WOOD HEADER
- 2: # 12 WOOD SCREW W/ MINIMUM 1-1/2" PENETRATION INTO SUBFLOOR
- 3: # 12 WOOD SCREW W/ MINIMUM 1-1/2" PENETRATION INTO SUB FLOOR / JOISTS
- 4: THRESHOLD
- 5: SHIM BETWEEN DOOR FRAME AND STUD WALL
- 6: DOOR HINGE
- 7: DOOR FRAME
- 8: 2X STUD WALL/BUCK
- 9: # 12 THROUGH DOOR FRAME W/ MINIMUM 1-1/2" PENETRATION INTO STUD WALL & 3/4" EDGE DISTANCE
- 10: 2X WOOD FRAME STUD WALL



DSA Master Crafted Doors
10681 World Trade Blvd
Raleigh, NC 27617

TITLE
Double Full View Door with Full View Transom
ELEVATION - ANCHOR LAYOUT XX

PREPARED BY

PFC PROJECT DESIGN GROUP, LLC
 P.O. BOX 520715
 LONGWOOD, FL 32752
 PH: 407-501-2800

DRAWN BY
RJA

DATE
2/1/

SCALE
N.T.S.

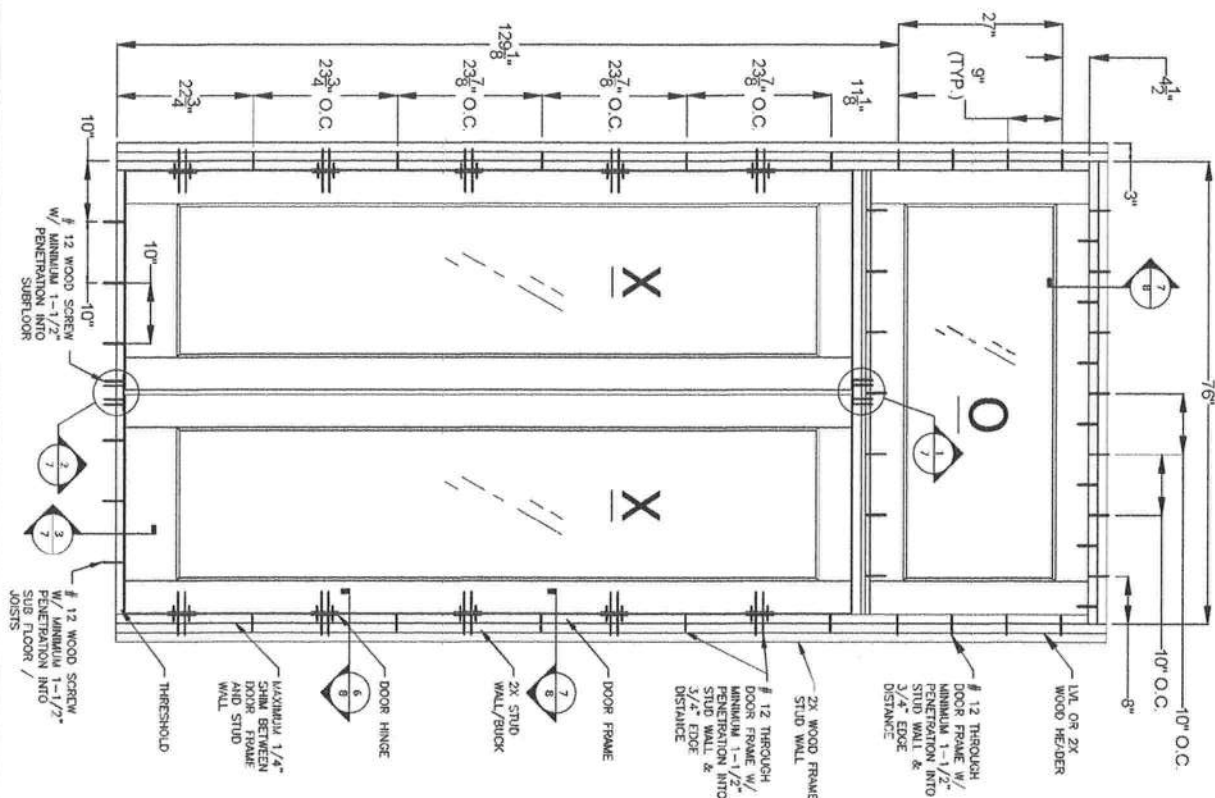
DRAWING NO.
DSAC

REV.
A

SHEET
4 OF

PROJECT #420-0601			
A	UPDATED TO CURRENT FEC	10/14/20	RJA
REV	DESCRIPTION	DATE	BY

ELEVATION O/XX INSTALLATION ANCHORAGE



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DSA Master Crafted Doors
10681 World Trade Blvd
Raleigh, NC 27617

Double Full View Door with Full View Transom
ELEVATION - ANCHOR LAYOUT O/XX

PREPARED BY: **PTC**
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 40075
Raleigh, NC 27617-0075
Phone 313.690.1788
Fax 313.690.1789
Email: wright@ptc.com
FBI 2.0 A-10-2005

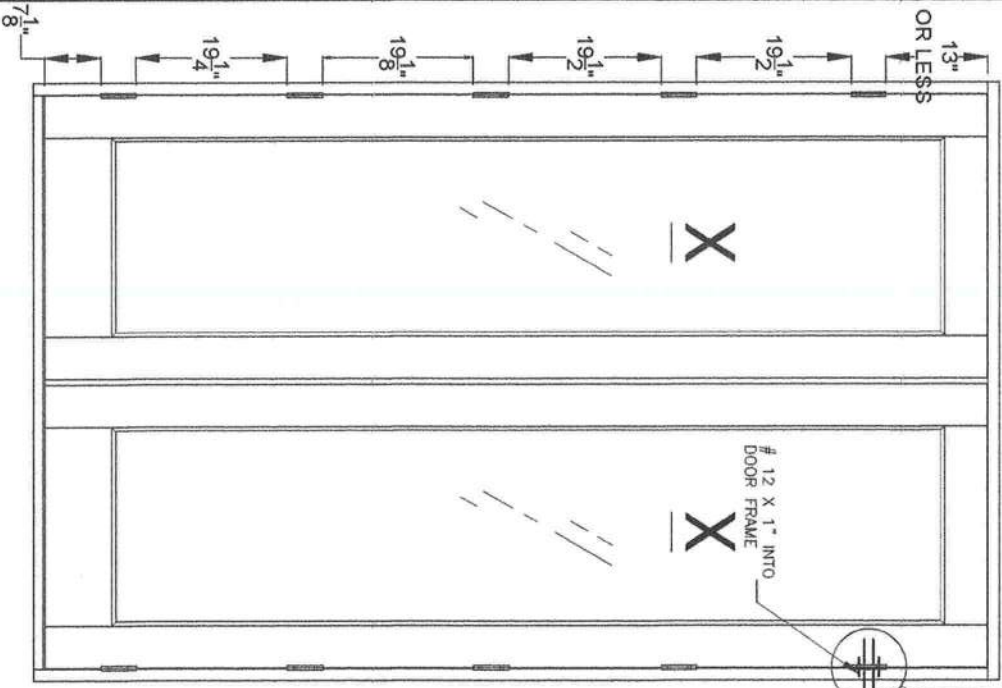
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SCALE: N.T.S.
REV: A
SHEET: 5 OF 15

PROJECT #420-0601

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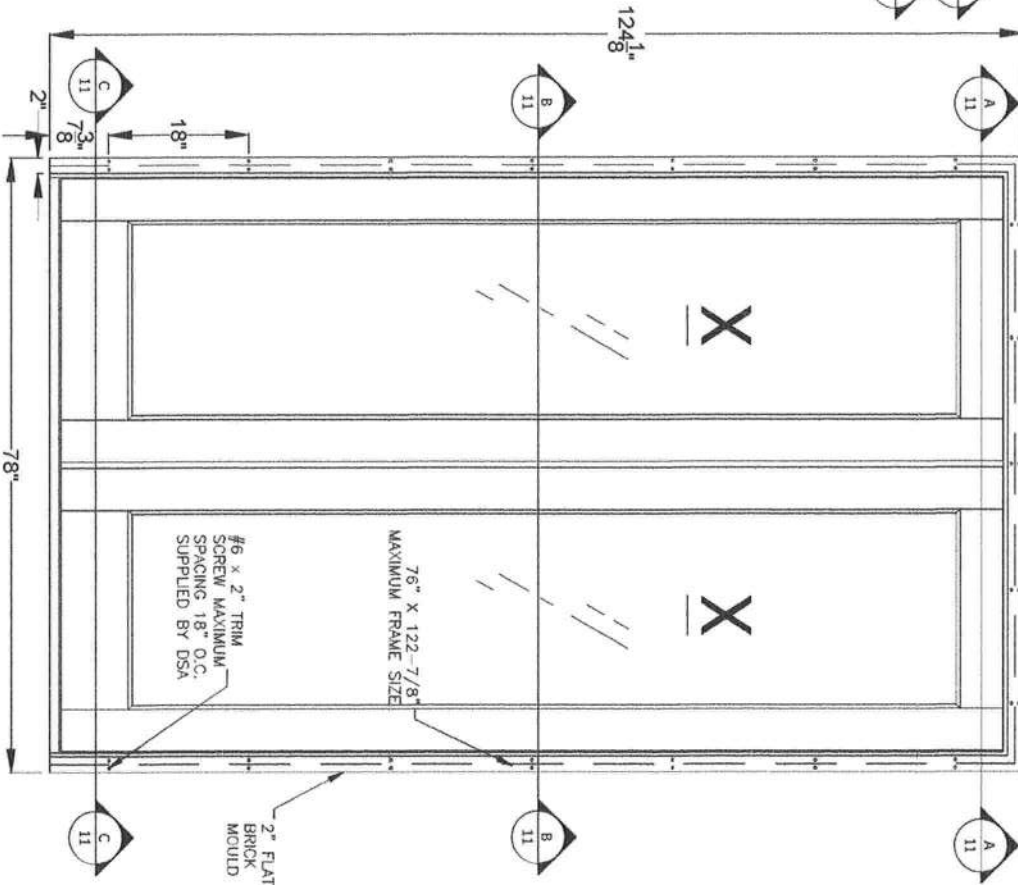
ELEVATION

XX HINGE LOCATION # 12 X 3-1/2" THROUGH DOOR FRAME
W/MINIMUM 1-1/2" PENETRATION INTO
STUD WALL & 3/4" EDGE DISTANCE



ELEVATION

XX BRICK MOULD
INSTALLATION



XX ELEVATIONS SHOWN. HINGE LOCATION SAME AND BRICK MOULD INSTALLATION EXTENDED TO TRANSOM FOR O/XX ELEVATIONS.



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DSA Master Crafted Doors
10681 World Trade Blvd
Raleigh, NC 27617

Double Full View Door with Full View Transom
ELEVATIONS - HINGES & BRICK MOULD

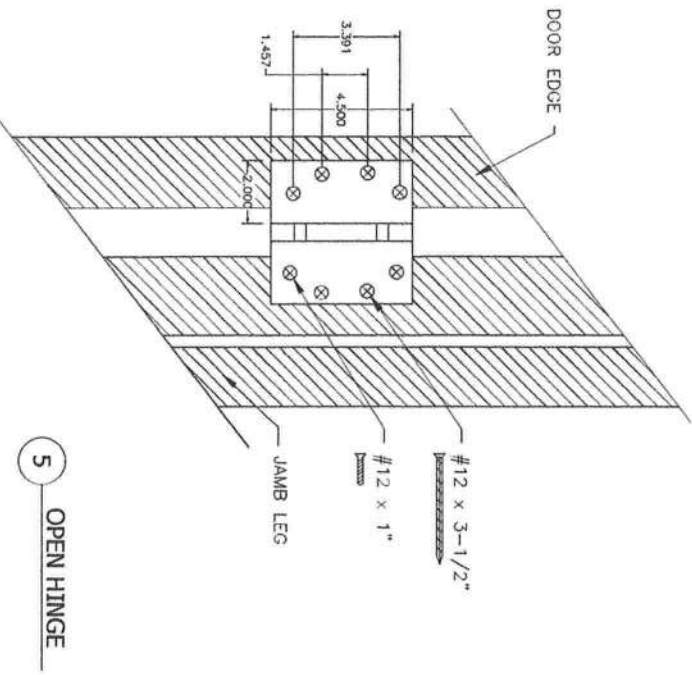
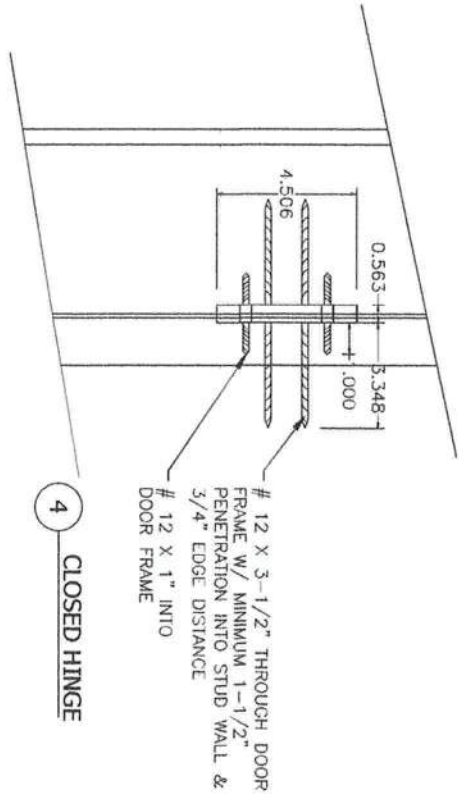
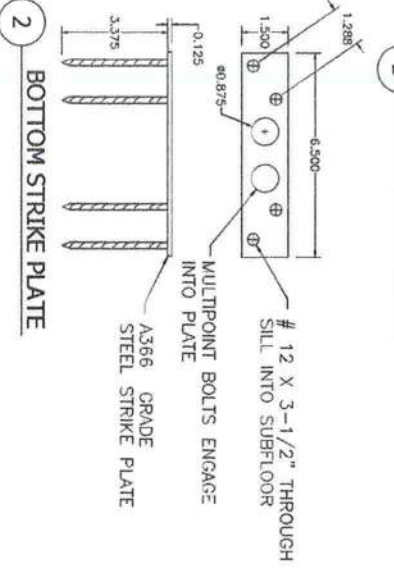
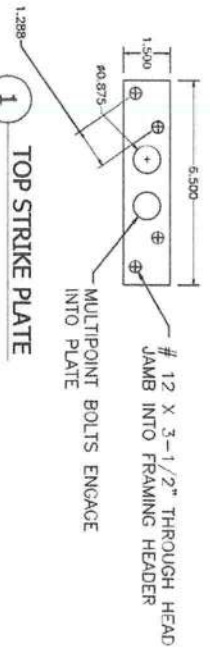
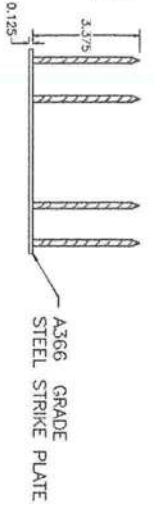
PREPARED BY: **PTC**
PTC1400-117288901 GROUP, LLC
PO BOX 520078
LOVINGWOOD, FLORIDA 32752
FEDS C.A. NO. 2009

DRAWN BY: RJA
SCALE: N.T.S.
DATE: 2/1/17
DRAWING NO: DSA0001
SHEET: 6 OF 15
REV: A

PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

DETAILS



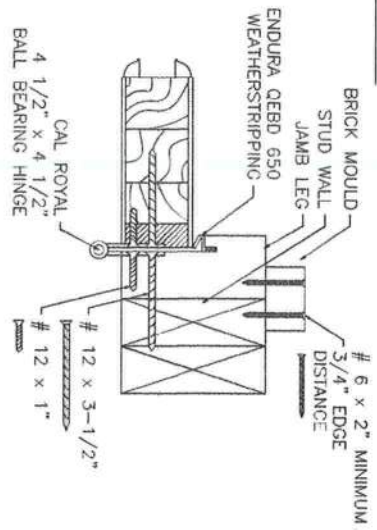
Robert J. Amoruso, P.E.
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PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 49752
ROBERT J. AMORUSO

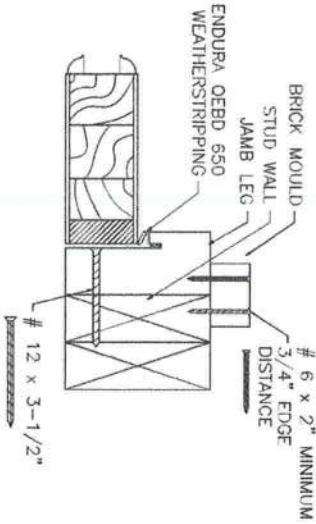
DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617	
TITLE: Double Full View Door with Full View Transom DETAILS 1 THRU 5	
DESIGNED BY: PTC	DRAWN BY: RJA
SCALE: N.T.S.	DATE: 2/1/17
REV: A	PROJECT NO: DSA0001
SHEET: 7 OF 15	

PROJECT #420-0601			
REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

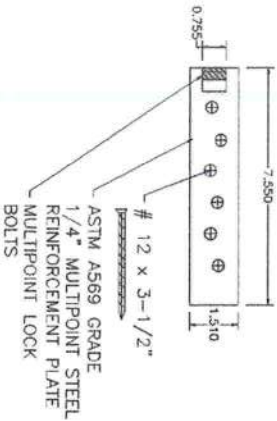
DETAILS



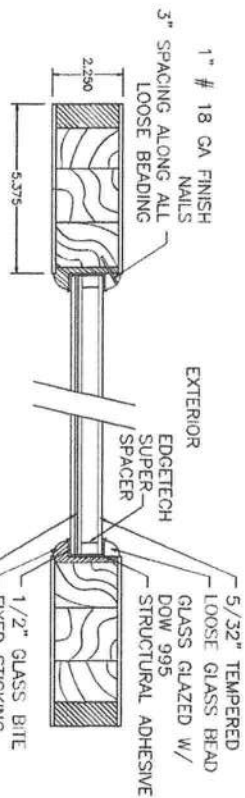
6 JAMB ANCHORAGE @ HINGE



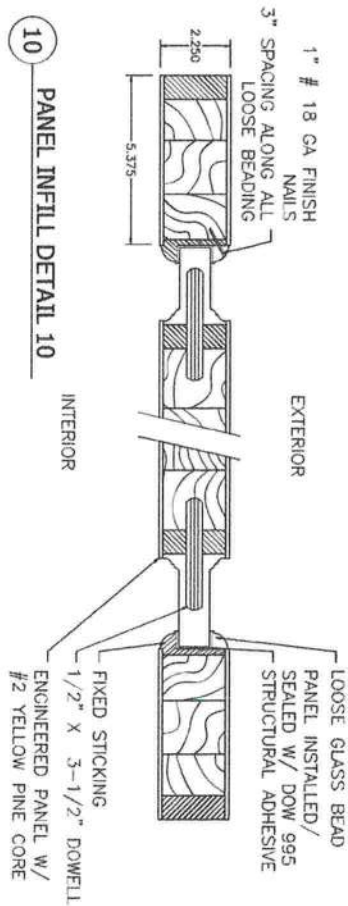
7 JAMB ANCHORAGE SHOWN (HEAD ANCHORAGE SAME)



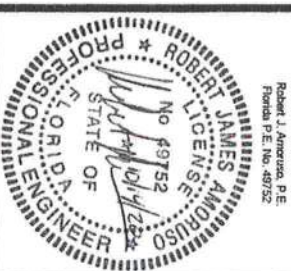
8 REINFORCEMENT PLATE AT MULTIPPOINT LOCK



9 PANEL GLAZING DETAIL 9



10 PANEL INFIL DETAIL 10

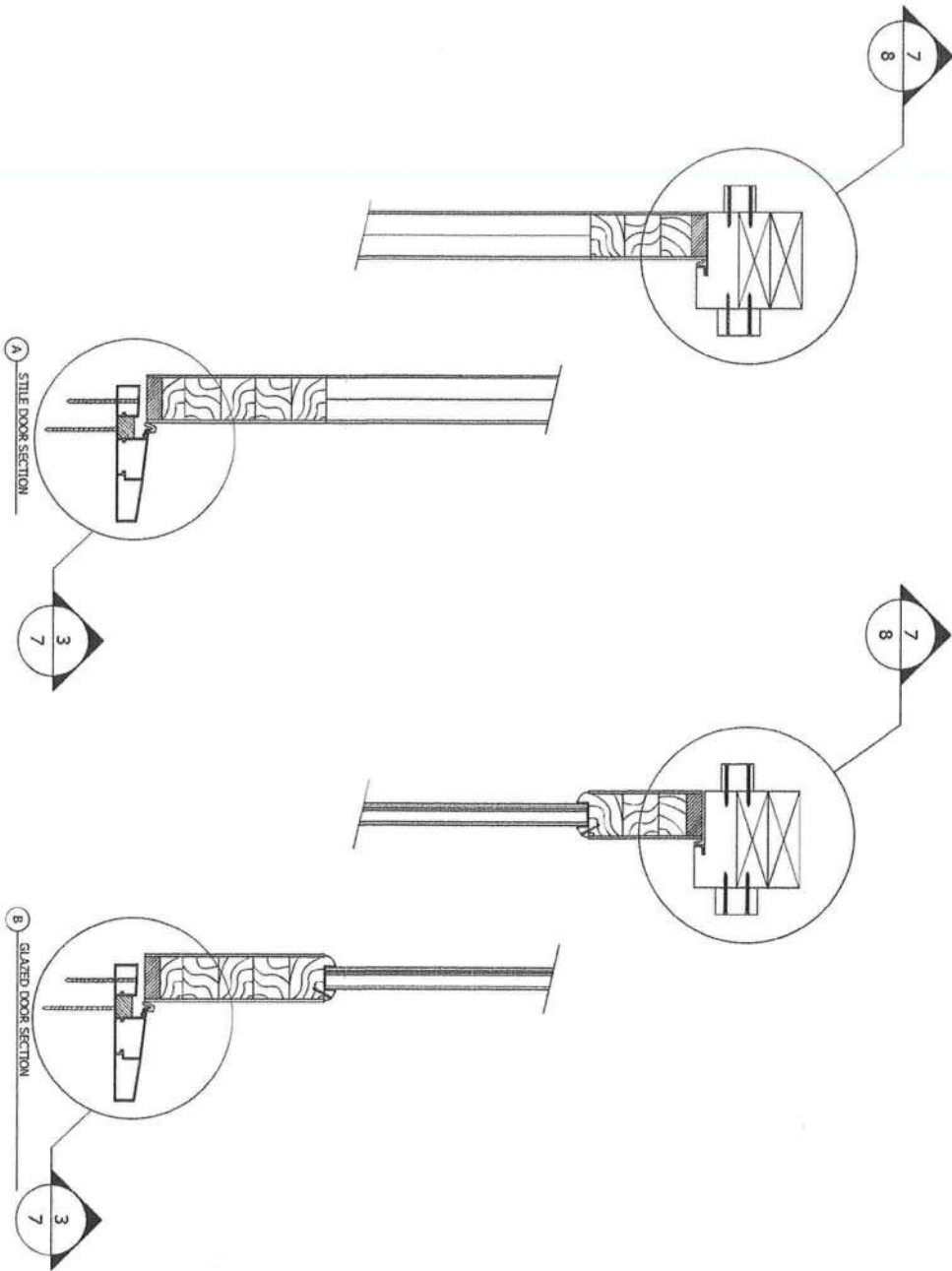


DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617	
TITLE: Double Full View Door with Full View Transom DETAILS 6 THRU 10	
PREPARED BY: PTC	DATE: 2/1/17
DESIGNED BY: RJA	DRAWING NO: DSA0001
SCALE: N.T.S.	SHEET: 8 OF 15
REV: A	

PROJECT #420-0601			
REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

SECTIONS

XX DOOR VERTICAL VIEWS



Robert J. Amoroso, P.E.
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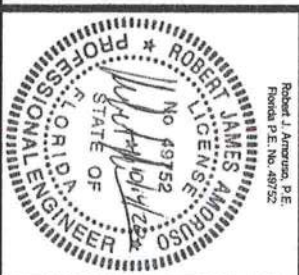
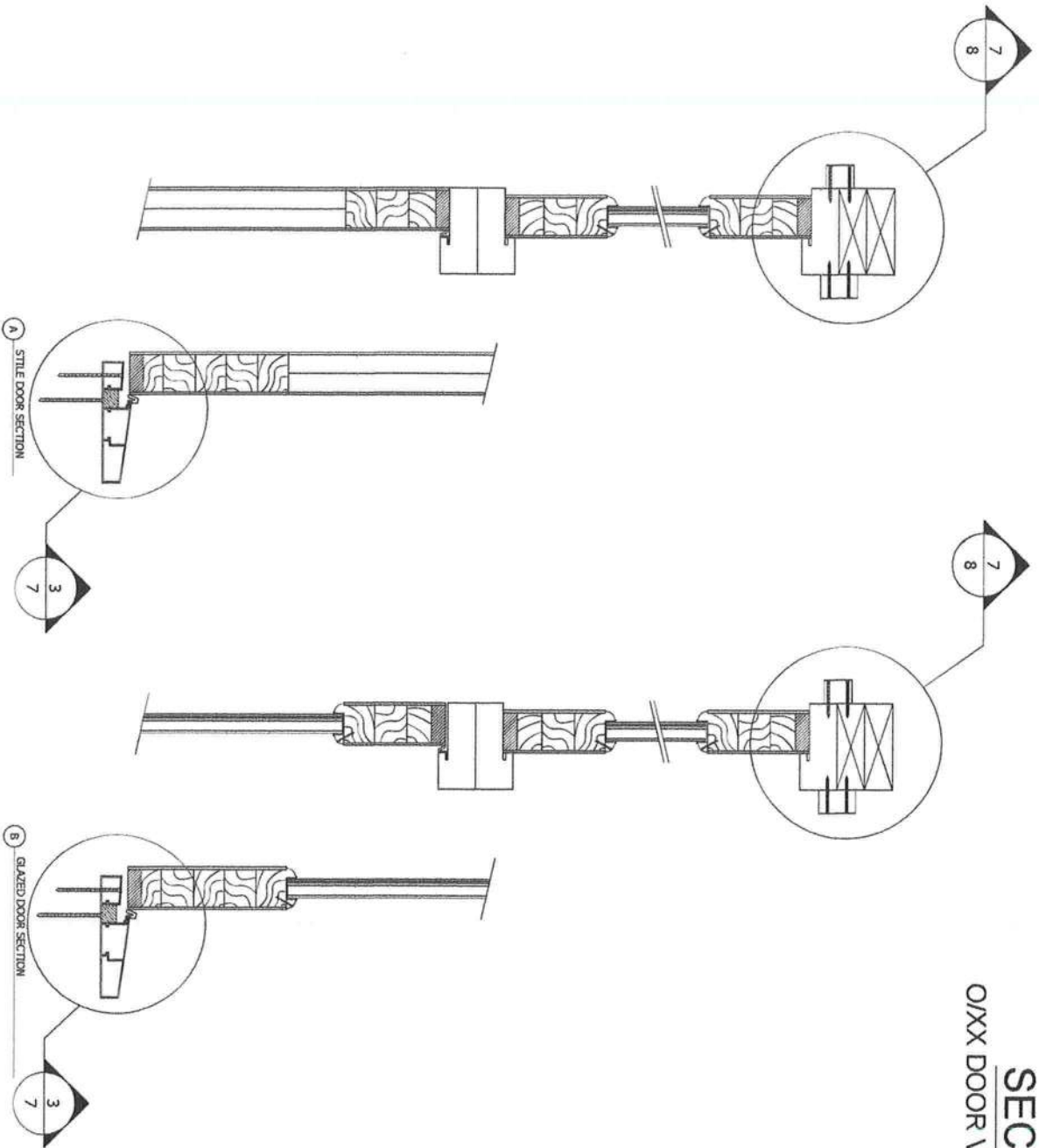
DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617			
TITLE Double Full View Door with Full View Transom DOOR SECTIONS - VERTICAL XX			
DESIGNED BY RJA	DATE 2/1/17		
SCALE N.T.S.	DRAWN BY DSA0001		
REV A	SHEET 9 OF 15		

PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/00	RJA

SECTIONS

O/XX DOOR VERTICAL VIEWS



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

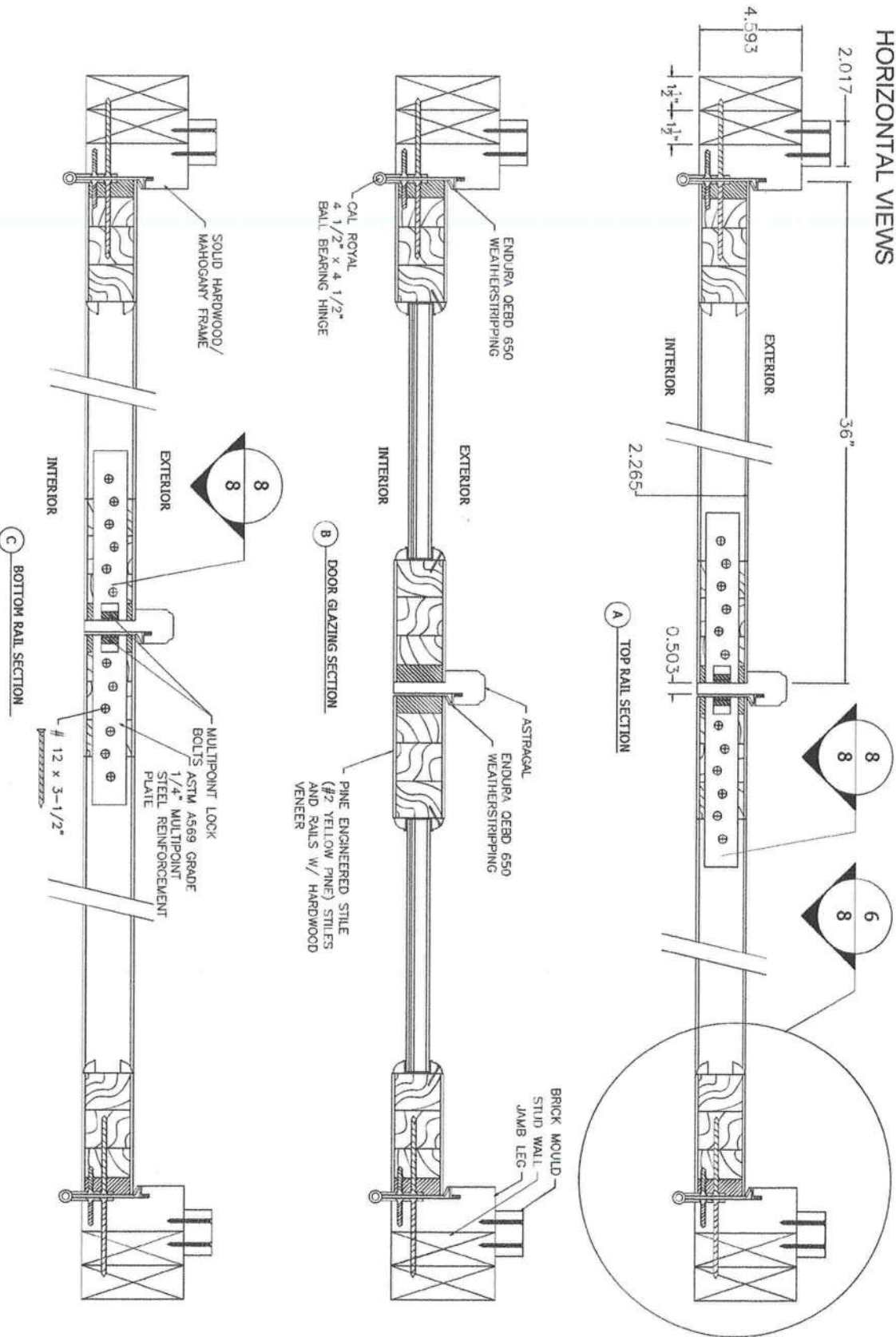
DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617			
Double Full View Door with Full View Transom DOOR SECTIONS - VERTICAL O/XX			
DESIGNED BY	RJA	DATE	2/1/17
SCALE	N.T.S.	CREATING NO.	DSA0001
REV	A	SHEET	10 OF 15
PTC PRODUCT DESIGN GROUP, LLC Phone: 321.890.1788 P.O. BOX 420718 Fax: 321.890.1789 LONGWOOD, FL 32750 Email: info@ptcdoors.com FDS C.A. NO. 2505			

PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

SECTIONS

XX & OXX DOOR HORIZONTAL VIEWS



Robert J. Amoroso, P.E.
Florida P.E. No. 49752

Robert J. Amoroso, P.E.
No. 49752
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DSA Master Crafted Doors
10681 World Trade Blvd
Raleigh, NC 27617

Double Full View Door with Full View Transom
DOOR SECTIONS - HORIZONTAL XX & OXX

PREPARED BY: **PTC**
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 50078
LONGWOOD, FLORIDA 32752
PHONE 321 890 1789
FAX 321 890 1789
EMAIL info@ptc-usa.com

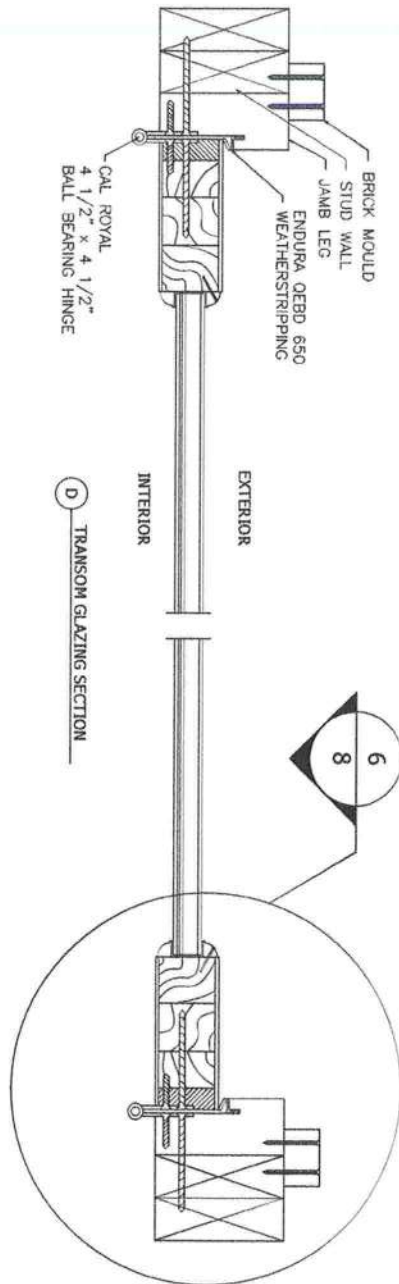
DATE	2/1/17
DRAWN BY	RJA
SCALE	N.T.S.
REV	A

PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA

SECTIONS

O/XX DOOR
HORIZONTAL VIEWS



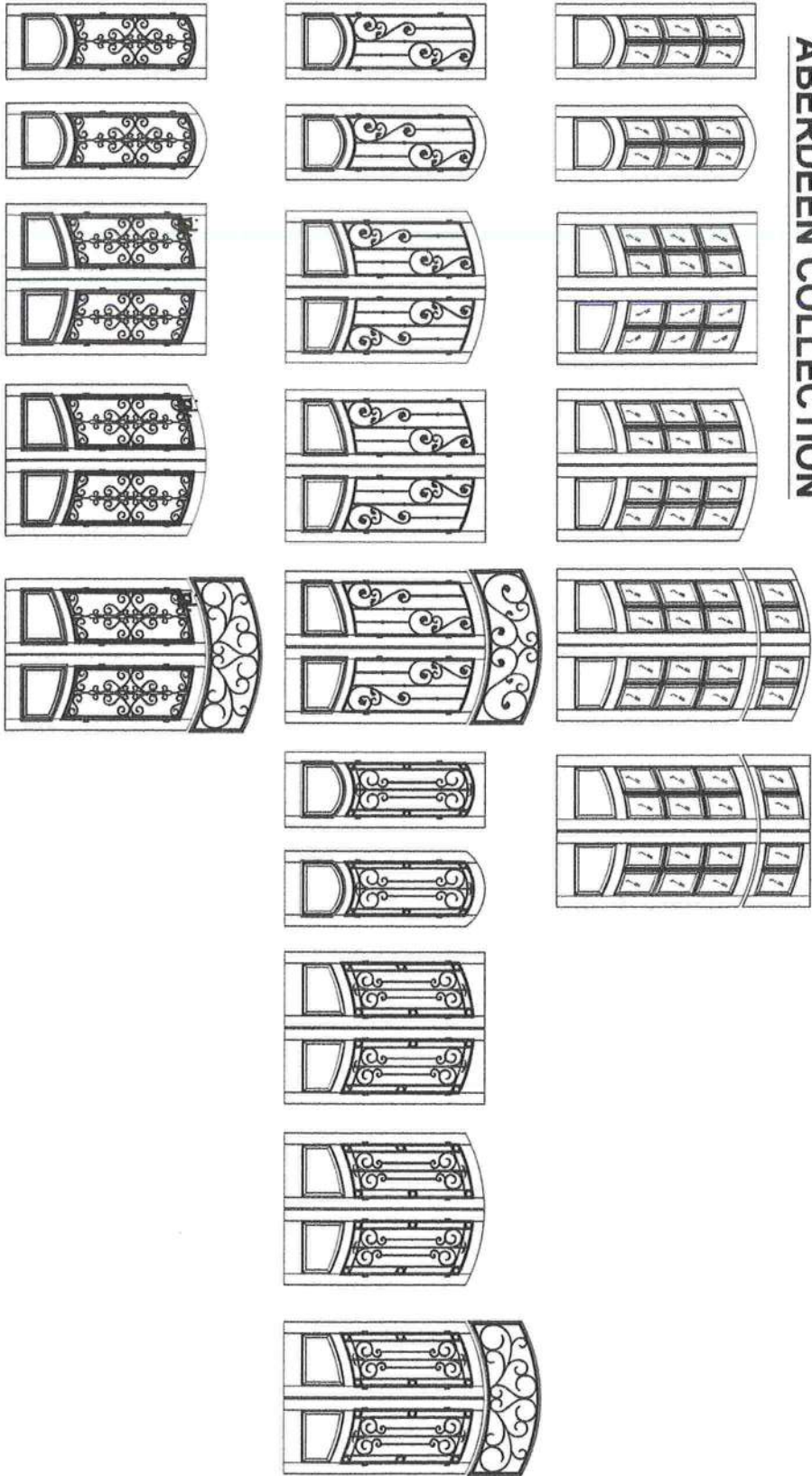
Robert J. Amoroso, P.E.
Florida P.E. No. 49752

DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617				PROJECT #420-0601			
TITLE Double Full View Door with Full View Transom DOOR SECTIONS - HORIZONTAL O/XX							
PREPARED BY PTC		DRAWN BY RJA	DATE 2/1/17				
SCALE N.T.S.		PROJECT NO. DSA0001					
REV A		SHEET 12 OF 15					
PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 620775 LONGWOOD, FLORIDA 32762 PHONE 321.890.1788 FAX 321.890.1789 EMAIL info@ptcdoors.com				REV A	DESCRIPTION UPDATED TO CURRENT FBC	DATE 10/14/20	BY RJA

APPROVED CONFIGURATIONS

MAXIMUM FRAME, DOOR PANEL AND D.L.O. SIZES SHOWN ON SHEETS 2 & 3 MUST BE MET.

ABERDEEN COLLECTION



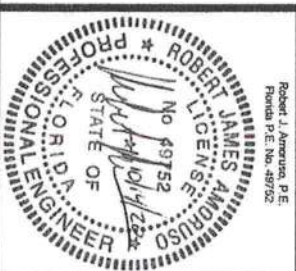
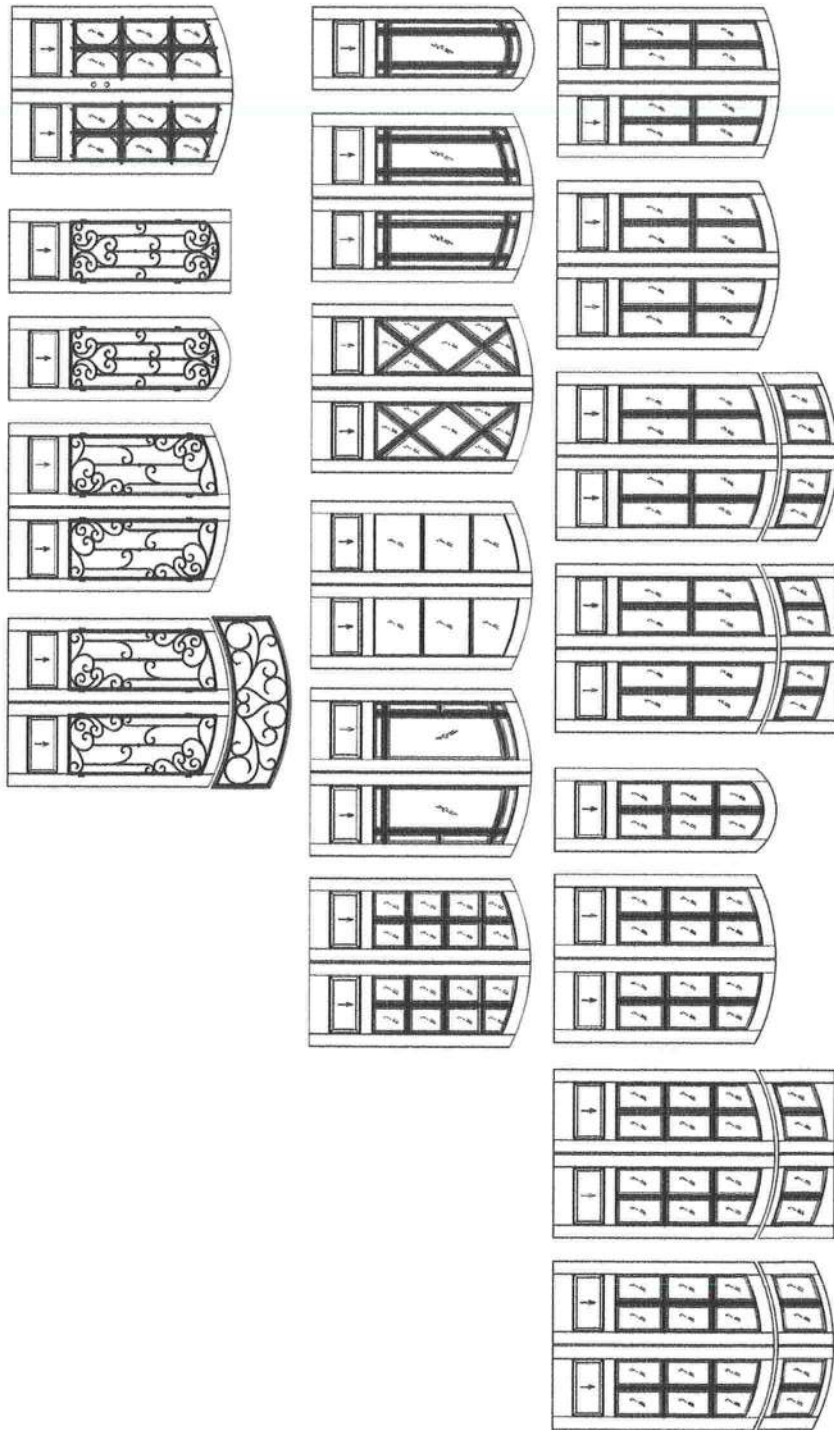
Robert J. Amoruso, P.E.
Florida P.E. No. 49752

DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617				PROJECT #420-0601			
TITLE: Double Full View Door with Full View Transom APPROVED CONFIGURATIONS							
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 580775 LONGWOOD, FLORIDA 32752 PHONE 321.880.1769 FAX 321.880.1769 Email: info@ptc-usa.com		DRAWN BY: RJA SCALE: N.T.S. REV: A		DATE: 2/1/17 DRAWING NO: DSA0001 SHEET: 13 OF 15			
				A	UPDATED TO CURRENT FBC	10/14/20	RJA
				REV	DESCRIPTION	DATE	BY

APPROVED CONFIGURATIONS

MAXIMUM FRAME, DOOR PANEL AND D.L.O. SIZES SHOWN ON SHEETS 2 & 3 MUST BE MET.

TIFFANY COLLECTION



Robert J. Amoruso, P.E.
Florida P.E. No. 48752

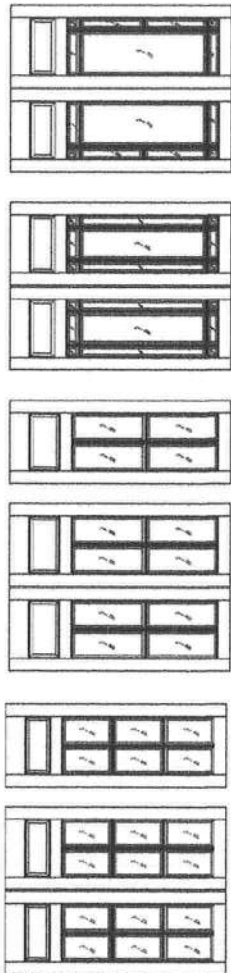
DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617			
TITLE: Double Full View Door with Full View Transom APPROVED CONFIGURATIONS			
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 620715 LONGWOOD, FL 32664-3072 PHONE 321.890.1770 FAX 321.890.1769 EMAIL info@ptcgrp.com	DRAWN BY: RJA	DATE: 2/1/17	CRAWFORD NO: DSA0001
SCALE: N.T.S.	REV: A	SHEET: 14 OF 15	

PROJECT #420-0601			
A	UPDATED TO CURRENT FBC	10/14/20	RJA
REV	DESCRIPTION	DATE	BY

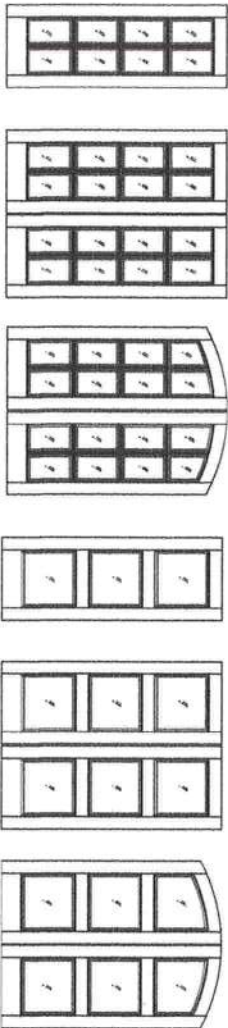
APPROVED CONFIGURATIONS

MAXIMUM FRAME, DOOR PANEL AND D.L.O. SIZES SHOWN ON SHEETS 2 & 3 MUST BE MET.

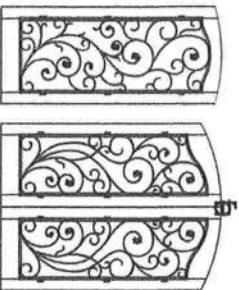
ALEXANDRIA COLLECTION



FULL VIEW COLLECTION



CLIFFS REDWOOD COLLECTION



Robert J. Amoruso, P.E.
Florida P.E. No. 49752

DSA Master Crafted Doors 10681 World Trade Blvd Raleigh, NC 27617			
TITLE: Double Full View Door with Full View Transom APPROVED CONFIGURATIONS			
PREPARED BY: PTC PTC PRODUCT DESIGN GROUP, LLC 10405 WOOD AVE. APT. 10752 FORT LAUDERDALE, FL 33314 Phone: 352.800.1788 Fax: 352.800.1789 Email: info@ptc-corp.com	DRAWN BY: RJA	DATE: 2/1/17	CHECKED BY: N.T.S.
SCALE: N.T.S.	DRAWING NO: DSA0001	REV: A	SHEET: 15 OF 15

PROJECT #420-0601

REV	DESCRIPTION	DATE	BY
A	UPDATED TO CURRENT FBC	10/14/20	RJA



plastro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain

Rustic / Mahogany

Series N Fiberglass Door

INSWING / OUTSWING

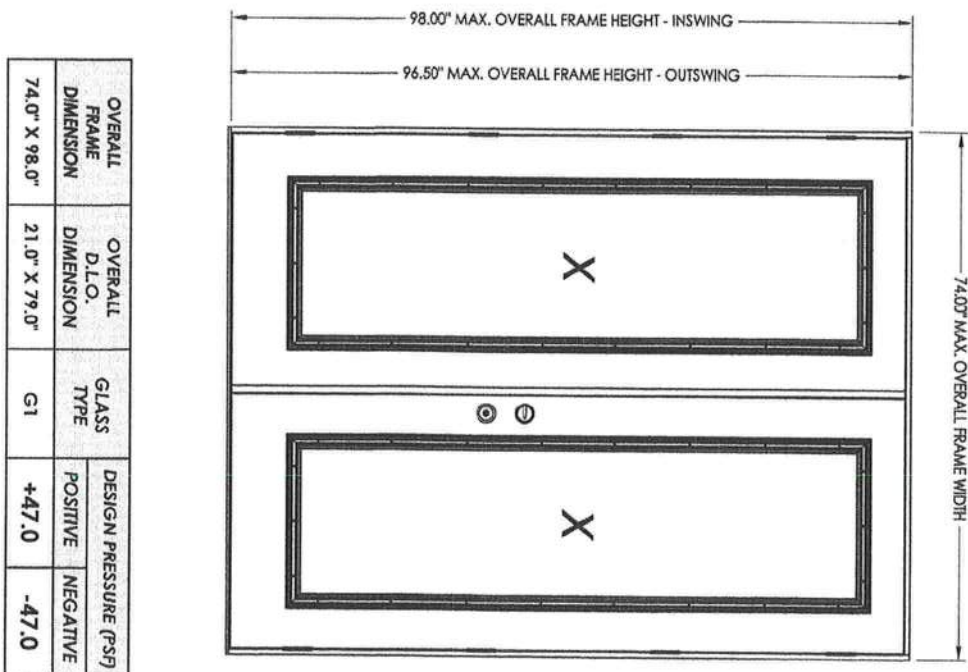
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ".
8. Inswing configurations do not meet the water infiltration requirements for the "HVHZ". Inswing units shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Vertical Cross Sections (Thresholds)
8	Buck and frame anchoring
9	Astrolgal details
10	Bill of materials & components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)
74.0\" X 98.0\"	21.0\" X 79.0\"	G1	POSITIVE +47.0 NEGATIVE -47.0

DATE: 02/20/12				SCALE: N.T.S.				DWG. BY: JK				CHK. BY: LFS				DRAWING NO.: FL-15220.14				SHEET 1 of 10					
NO.		DATE		REVISIONS												BY		PRODUCT: PLASTPRO INC. FIBERGLASS DOOR							
3		7/27/20		UPDATE TO 7TH ED. (2020) FBC												LFS		PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES							
2		08/02/17		UPDATE TO 6TH ED. (2017) FBC												JK									
1		04/22/15		UPDATE TO 5TH ED. (2014) FBC												JK									

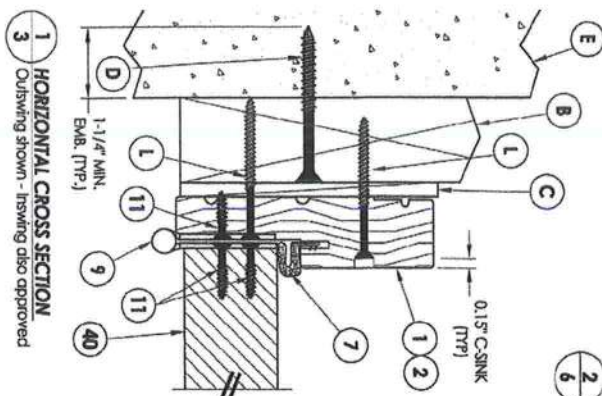
July 27, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

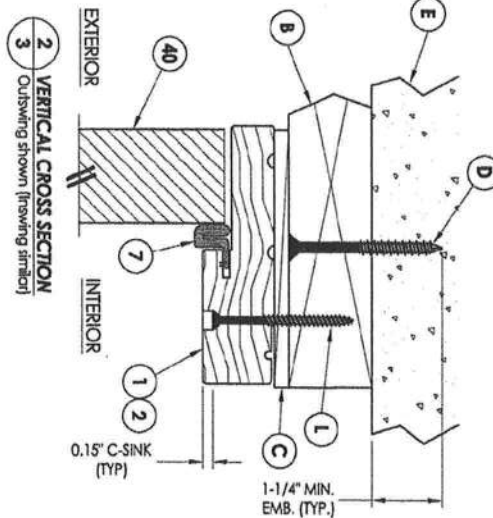
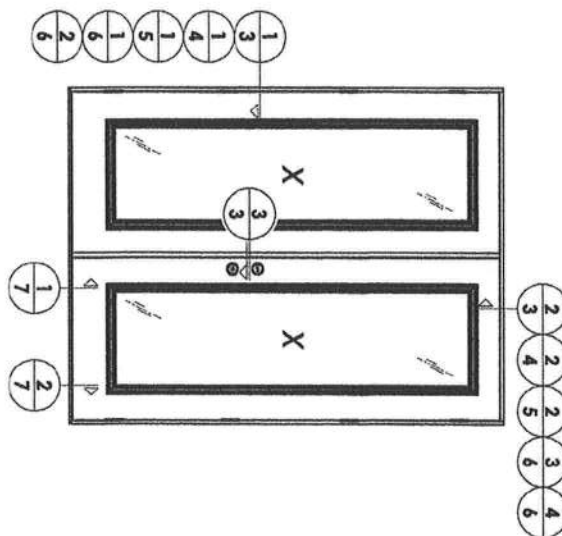
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



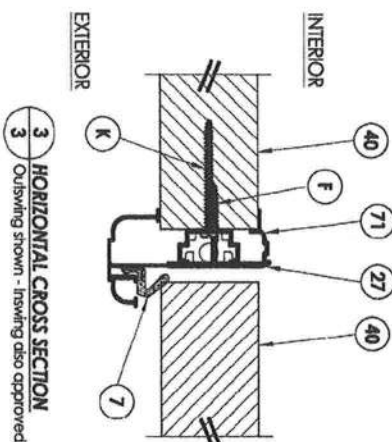




1 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved



2 VERTICAL CROSS SECTION
Outswing shown (Inswing similar)



3 HORIZONTAL CROSS SECTION
Outswing shown - Inswing also approved

NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

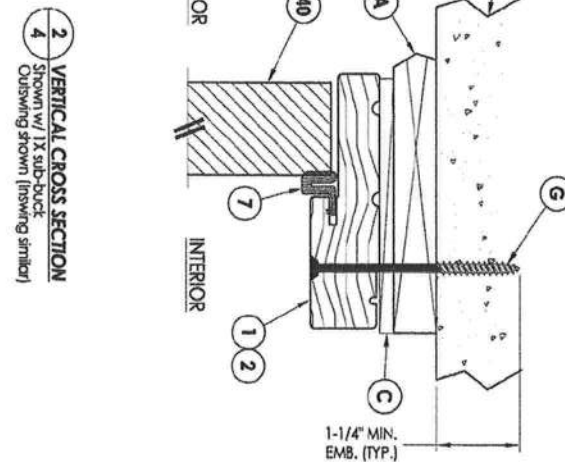
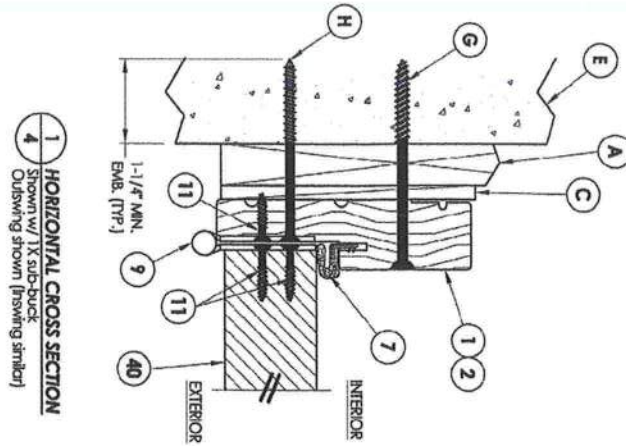
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SCALE:	N.T.S.
DRG. BY:	JK
CHECK BY:	LFS
DRAWING NO.:	FL-15220.14
SHEET:	3 OF 10

July 27, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

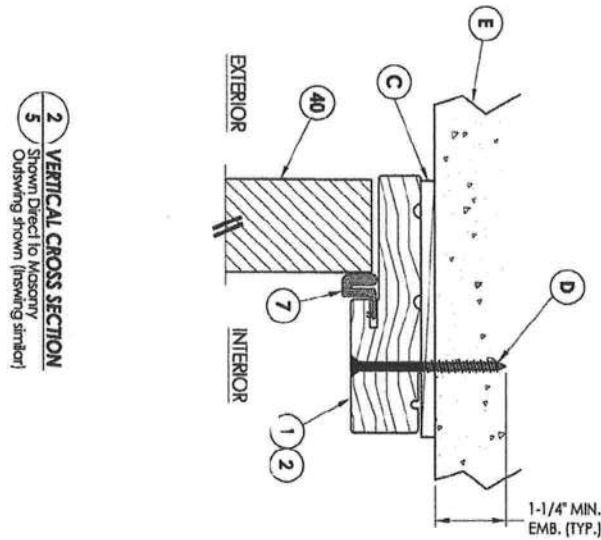
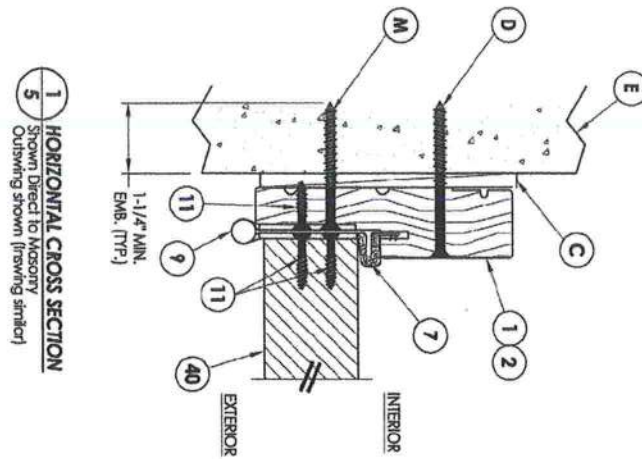
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



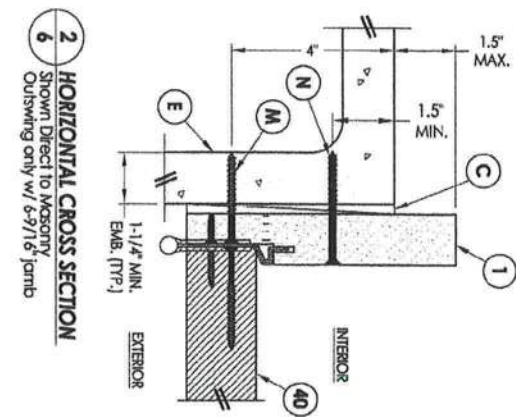
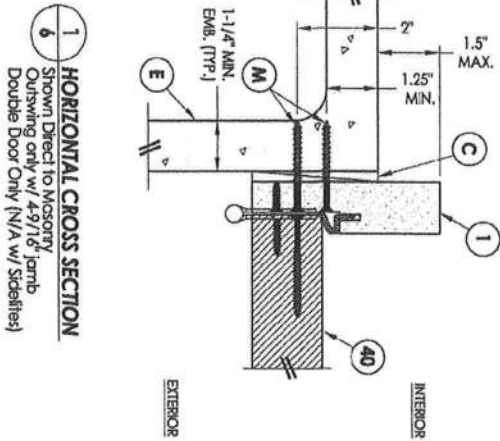
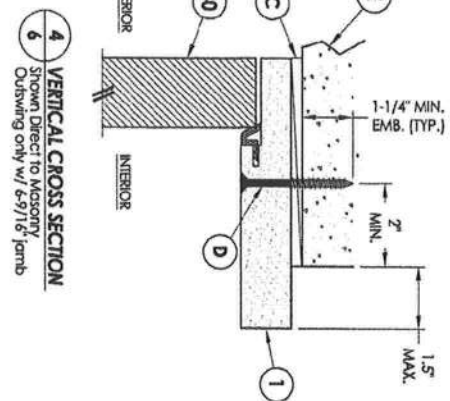
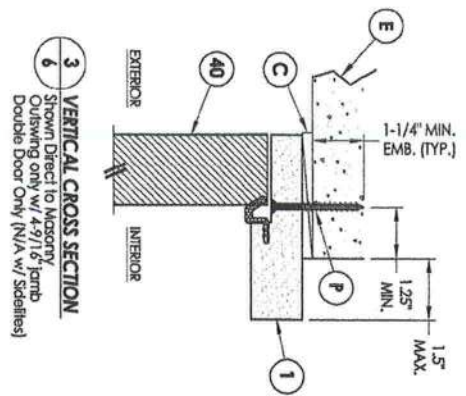


DATE: 02/20/2012				PRODUCT:		July 27, 2020	
SCALE: N.T.S.				PLASTPRO INC.		Documents Prepared By:	
CHK. BY: LFS				FIBERGLASS DOOR		Lyndon F. Schmidt	
DWN. BY: JK						P.E. No. 43409	
DRAWING NO.: FL-15220.14				PART OR ASSEMBLY:		STATE OF FLORIDA PROFESSIONAL ENGINEER RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.0197 FBPE Registry No. 9813	
SHEET 4 OF 10				HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)			
REVISIONS							
NO. DATE							
3 7/27/20 UPDATE TO 7TH ED (2020) FBC LFS							
2 08/02/17 UPDATE TO 6TH ED. (2017) FBC JK							
1 04/22/15 UPDATE TO 5TH ED. (2014) FBC JK							

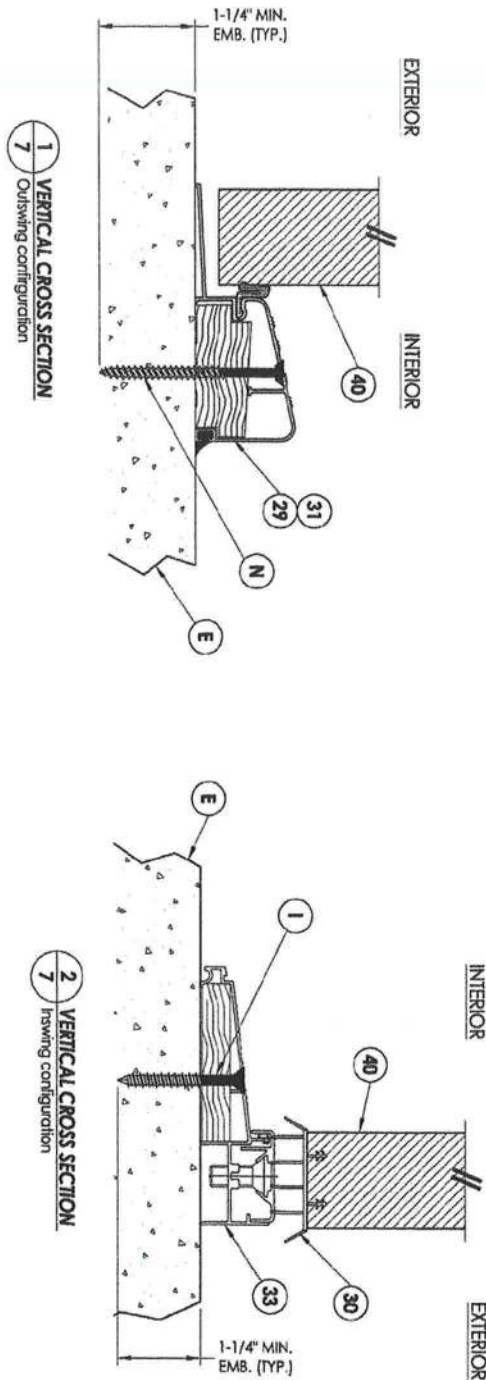




REVISIONS			PRODUCT:		PART OR ASSEMBLY:	
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3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS			
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK			
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK			
			RY			



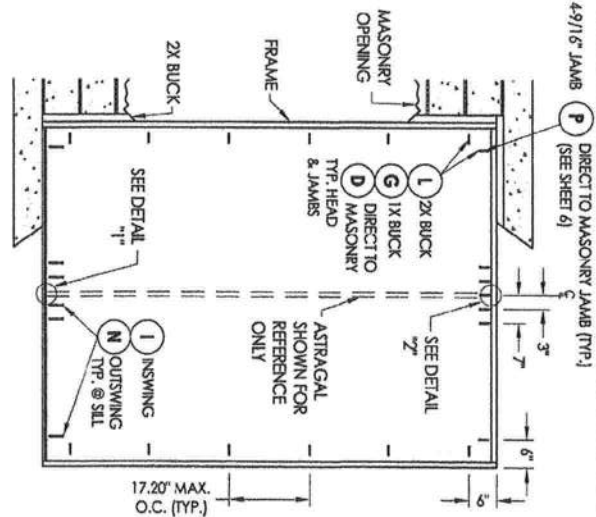
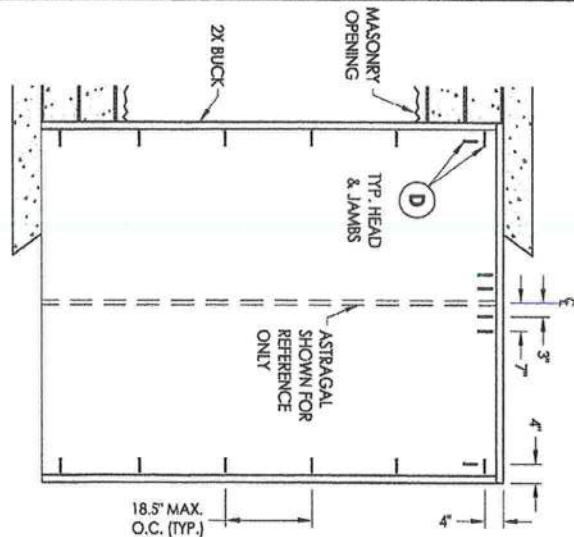
DATE: 02/20/12 SCALE: N.T.S. DWG. BY: JKS CHK. BY: LFS DRAWING NO.: FL-15220.14 SHEET 6 OF 10				PRODUCT: PLASTPRO INC. FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
NO. DATE 3 7/27/20 2 08/02/17 1 04/22/13				PART OR ASSEMBLY: HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
REVISIONS				BY		L.F. SCHMIDT LICENSE No. 43409 STATE OF FLORIDA PROFESSIONAL ENGINEER	
3 UPDATE TO 7TH ED. (2020) FBC LFS				2 UPDATE TO 6TH ED. (2017) FBC JK		1 UPDATE TO 5TH ED. (2014) FBC JK	



July 27, 2020



DATE: 02/20/12				PRODUCT: PLASTPRO INC. FIBERGLASS DOOR				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS				STATE OF FLORIDA PROFESSIONAL ENGINEER RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DWG. BY: JK											
CHK. BY: LFS											
DRAWING NO.: FL-15220.14											
SHEET 7 of 10											

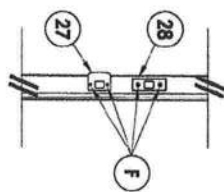


BUCK ANCHORING

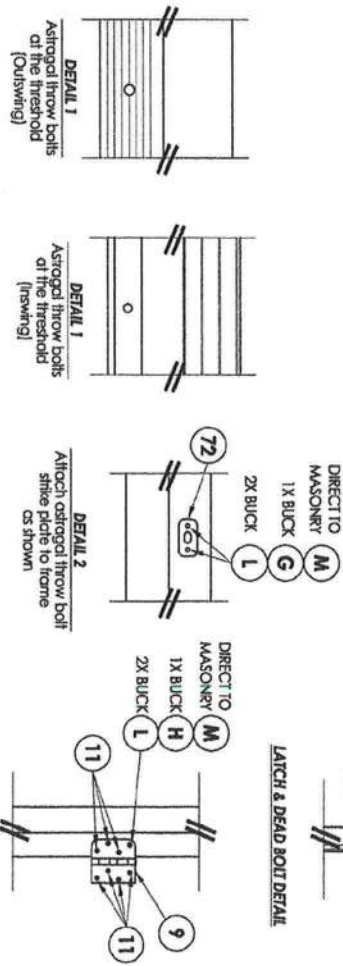
ASTRAGAL STRIKE JAMB

FRAME ANCHORING
Masonry 2X buck construction

HINGE JAMB



LATCH & DEAD BOLT DETAIL



ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO® ULTRACON	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

VISIONS

3	1/21/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE		BY

FL-15220.14

SHEET 8 of 10

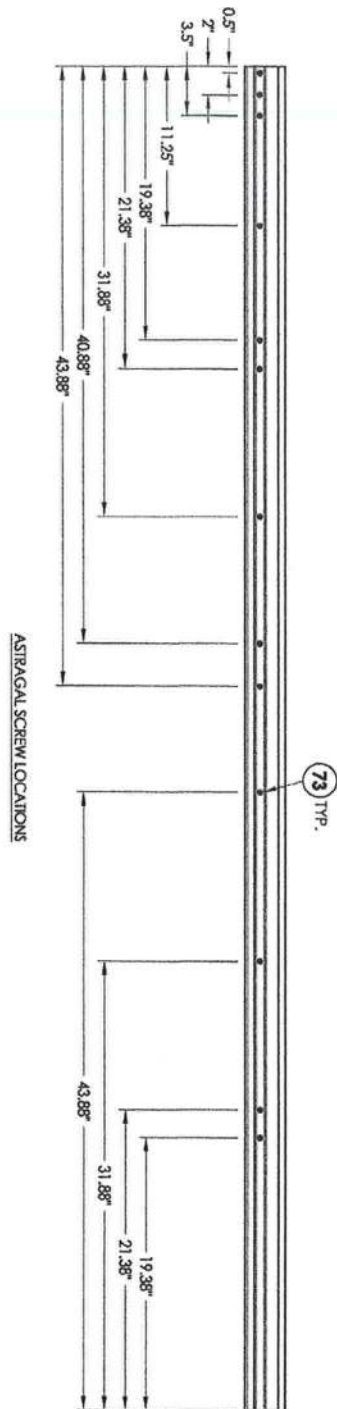
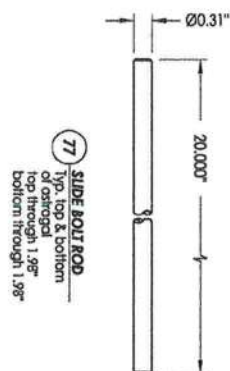
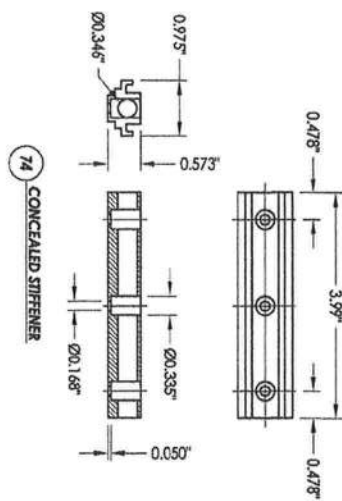
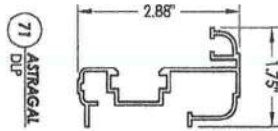
July 27, 2020

Documents Prepared By
Lyndon F. Schmidt
P.E. No. 43409

 R_W

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813





ASTRAGAL SCREW LOCATIONS

NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

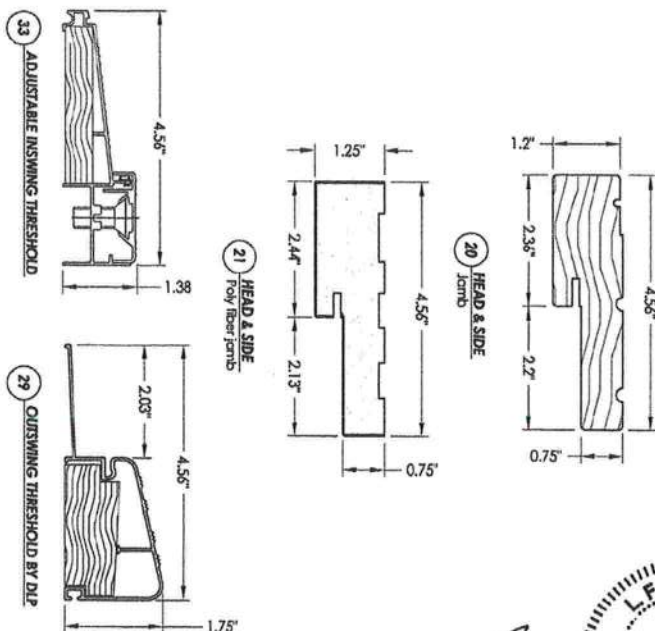
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY:	ASTRAGAL DETAILS

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
DATE	July 27, 2020
SCALE	N.T.S.
CHK. BY	LFS
DWG. BY	JK
DATE	02/20/12
DRAWING NO.	FL-15220.14
SHEET	9 OF 10



RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

BILL OF MATERIALS	
ITEM #	DESCRIPTION
A	1X BLACK SG >= 0.55
B	2X BLACK SG >= 0.55
C	1/4" MAX. SHIM SPACE
D	1/4" X 2-3/4" ELCO OR ITW CONCRETE SCREW
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90
G	3/16" X 3-1/4" PHH ITW CONCRETE SCREW
H	1/4" X 3-1/4" PHH ELCO OR ITW CONCRETE SCREW
I	1/4" X 2-1/4" PHH ELCO OR ITW CONCRETE SCREW
J	1/4" X 3-3/4" PHH ELCO OR ITW CONCRETE SCREW
K	#9 X 2-1/2" PHH WOOD SCREW
L	#10 X 2-1/2" PHH WOOD SCREW (1.15" MIN. EMBEDMENT)
M	#8 X 2" PHH WOOD SCREW
N	1/4" X 3-1/4" PHH ITW CONCRETE SCREW
7	FORCE 5 WEATHERSTRIPPING BY ENDURA
8	COMPRESSION WEATHERSTRIP QLON 650 BY SCHLEGEL
9	4" X 4" BUTT HINGE
11	#9 X 3/4" PHH WOOD SCREW
12	#10 X 3" PHH WOOD SCREW
20	FINGER JOINTED PINE FRAME HEAD & HINGE JAMBS
21	POLY FIBER JAMB
22	LATCH STRIKE PLATE
28	DEADBOLT PLATE
29	OUTSWING THRESHOLD BY DLP
30	INSWING VINYL DOOR BOTTOM SWEEP
33	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS
71	ASTRAGAL BY DLP (6063-T5 ALUMINUM)
72	ASTRAGAL STRIKE PLATE
73	#8 X 2" PHH SCREW
74	CONCEALED STIFFENER BY PLASPRO (6063-T6 ALUMINUM)
77	SLIDE BOLT ROD



DATE: 07/20/12				SCALE: N.T.S.				CHK. BY: JK				DRAWING NO.: FL-15220.14				SHEET 10 OF 10							
3				7/27/20				UPDATE TO 7TH ED (2020) FBC												LFS			
2				08/02/17				UPDATE TO 6TH ED. (2017) FBC												JK			
1				04/22/15				UPDATE TO 5TH ED. (2014) FBC												JK			
NO.				DATE																BY			
REVISIONS																							



plastro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain

Rustic / Mahogany

Series N Fiberglass Door

INSWING / OUTSWING

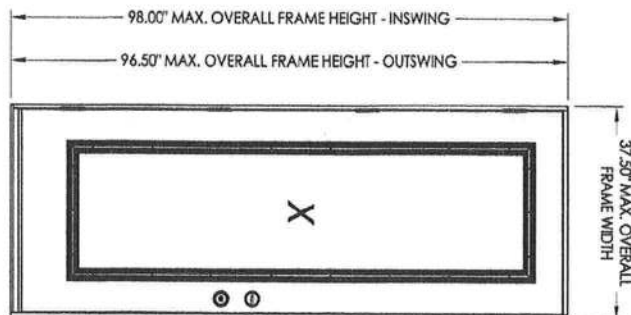
"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
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TABLE OF CONTENTS

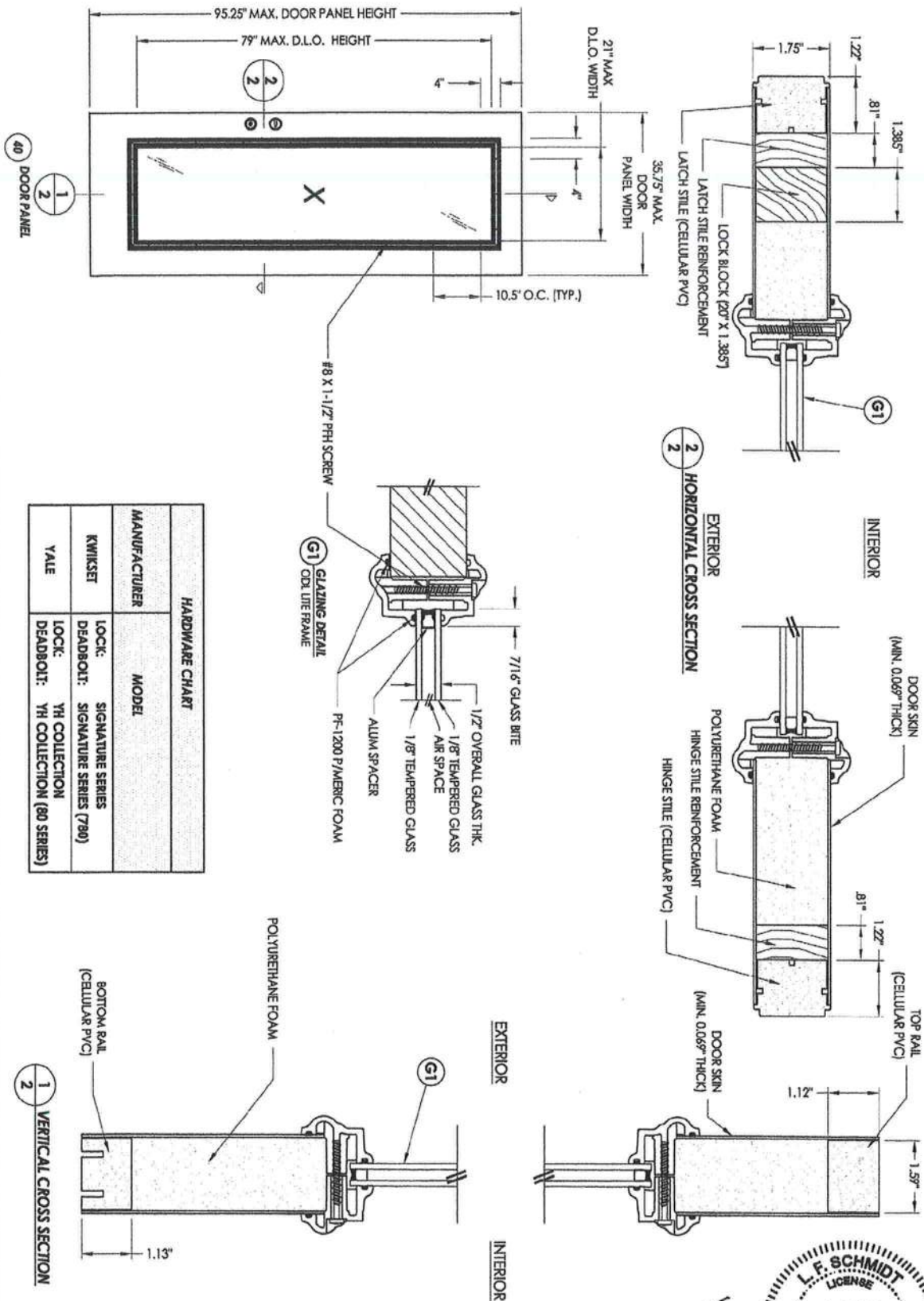
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details and glazing detail
3	Horizontal & Vertical Cross Sections (2X Buck)
4	Horizontal & Vertical Cross Sections (1X Buck)
5	Horizontal & Vertical Cross Sections (Direct to Masonry)
6	Vertical Cross Sections (Thresholds)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Buck and frame anchoring
9	Bill of materials & components



SWING	OVERALL FRAME DIMENSION	DESIGN PRESSURE (PSF)
INSWING	37.50\" x 98.00\"	+47.0
OUTSWING	37.50\" x 96.50\"	+47.0

PRODUCT: PLASTPRO INC FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		REVISIONS	
NO.	DATE	DESCRIPTION	BY
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS

SHEET 1 OF 9



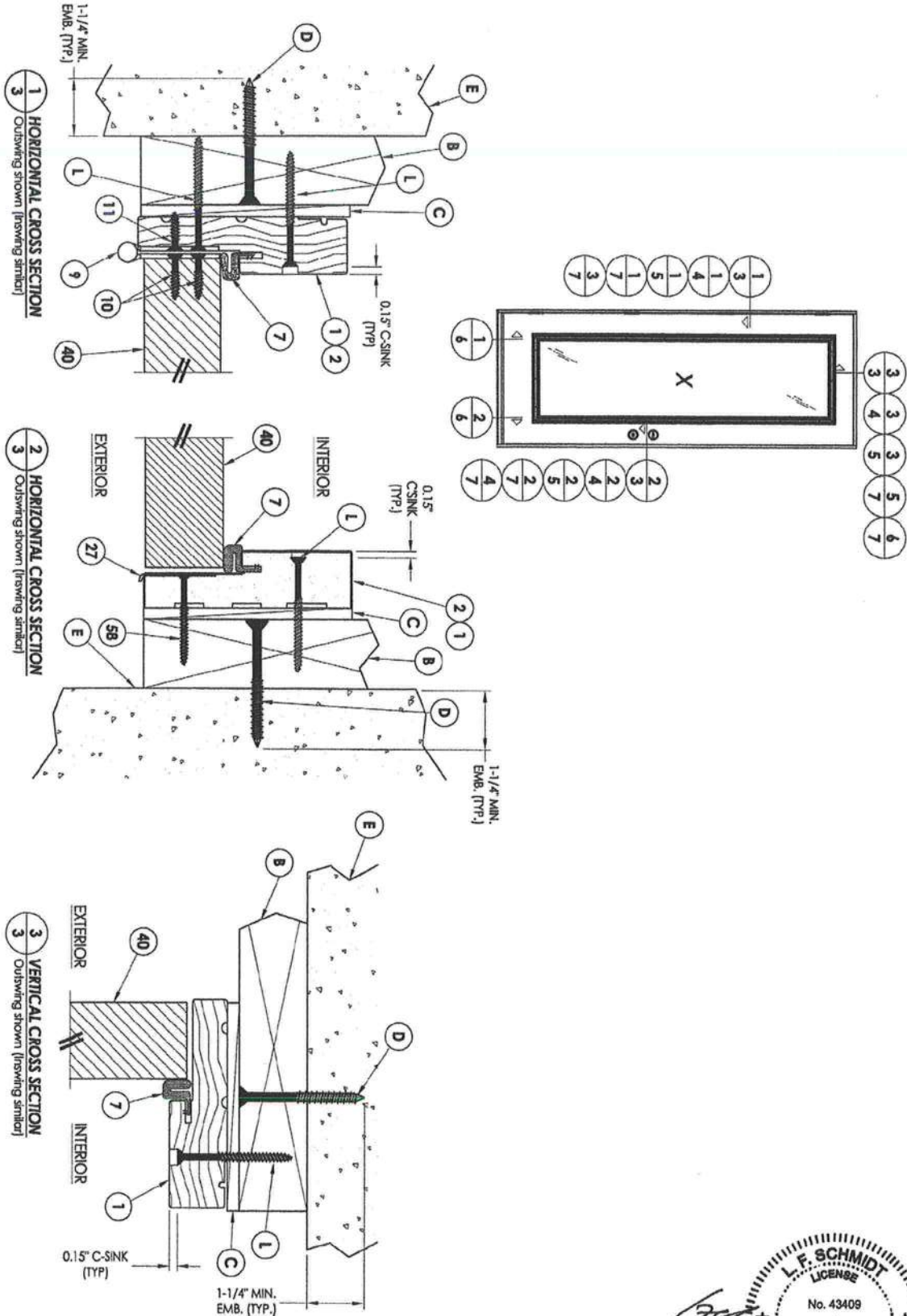
HARDWARE CHART	
MANUFACTURER	MODEL
KWIKSET	LOCK: SIGNATURE SERIES (780)
YALE	LOCK: DEADBOLT: YH COLLECTION (80 SERIES)

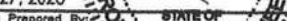
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2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

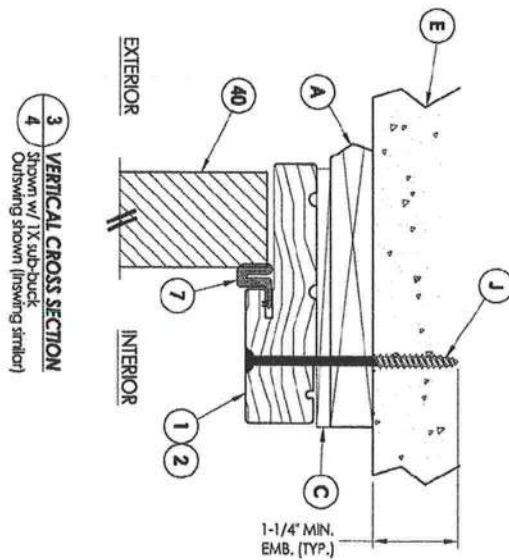
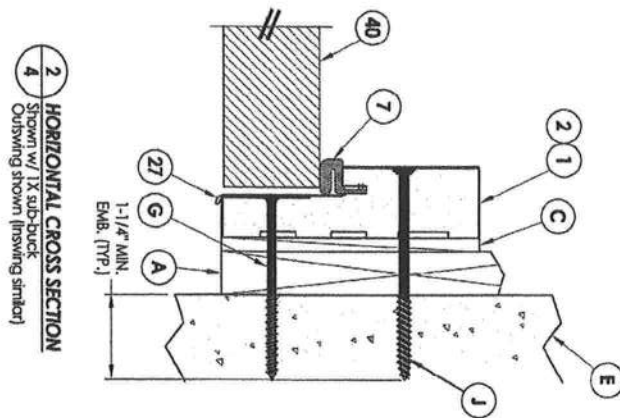
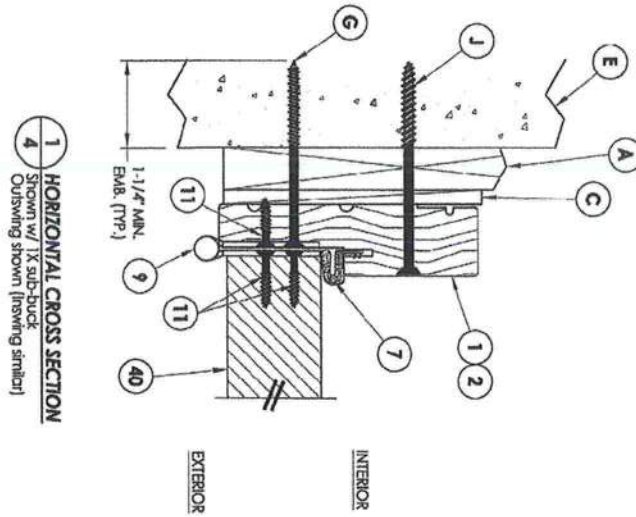
PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	DOOR PANEL DETAILS AND GLAZING DETAIL

July 27, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813





SHEET 3 OF 9				DATE: 02/20/12				SCALE: N.T.S.				DWG. BY: JK				CHK. BY: LFS				FL-15220.11				DRAWING NO.:				PRODUCT: PLASTPRO INC FIBERGLASS DOOR				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409							
				NO. DATE				REVISIONS																PART OR ASSEMBLY:				Rw BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813											
																												HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)											
												</																											



July 27, 2020

Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

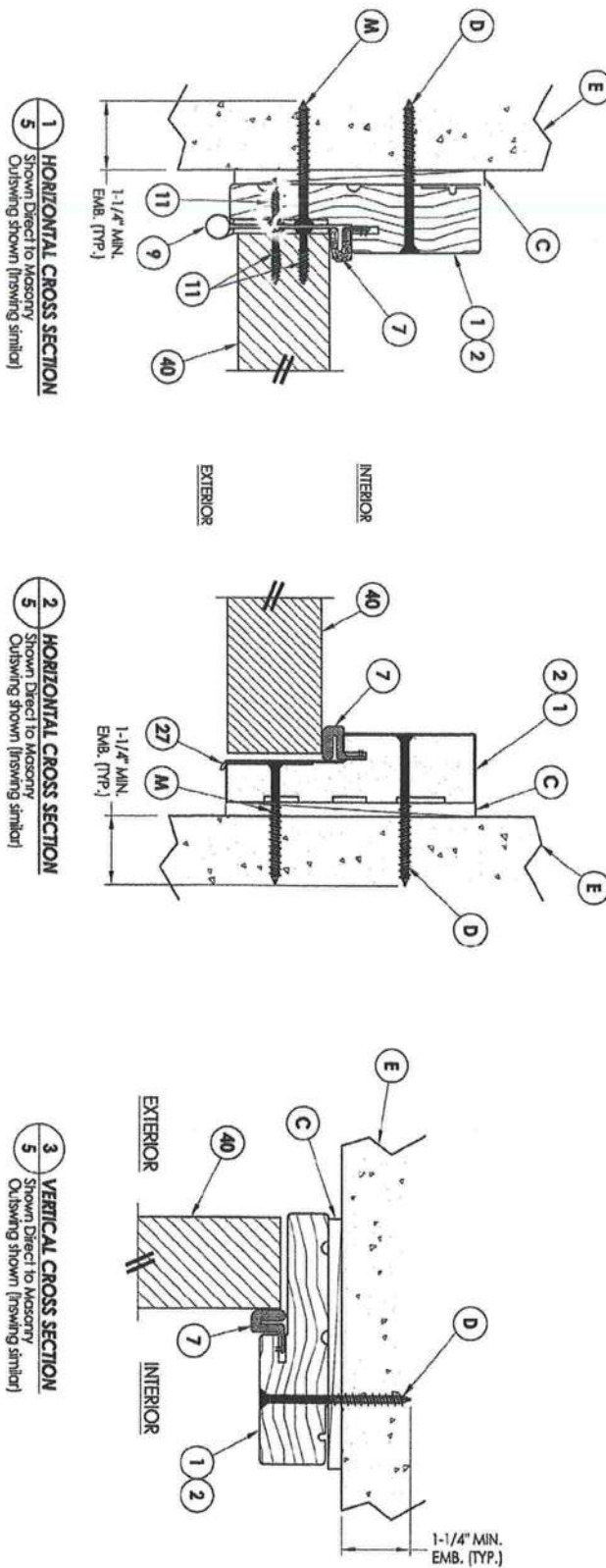


NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

PRODUCT:
 PLASTPRO INC
 FIBERGLASS DOOR

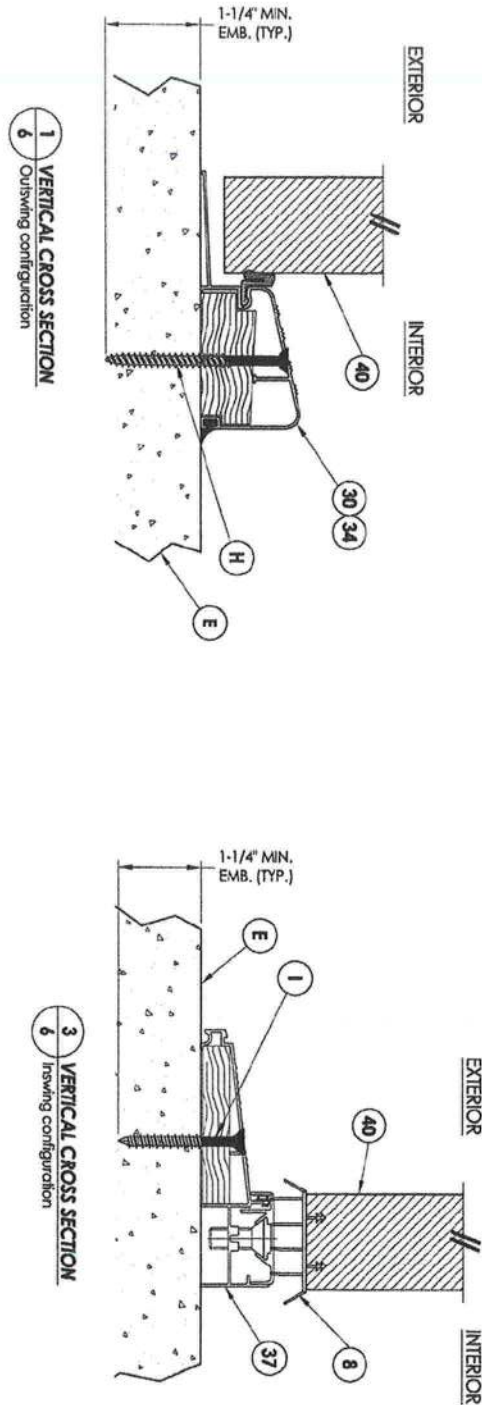
PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL
 CROSS SECTIONS (1X BUCK)

RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813



DATE: 02/20/12				PRODUCT: PLASTPRO INC FIBERGLASS DOOR				Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			
SCALE: N.T.S.				PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
CHK. BY: LFS				DRAWING NO: FL-15220.11				SHEET 5 OF 9			
NO				DATE				REVISIONS			
3				7/27/20				UPDATE TO 7TH ED (2020) FBC			
2				08/02/17				UPDATE TO 6TH ED. (2017) FBC			
1				04/22/15				UPDATE TO 5TH ED. (2014) FBC			





July 27, 2020

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409



BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

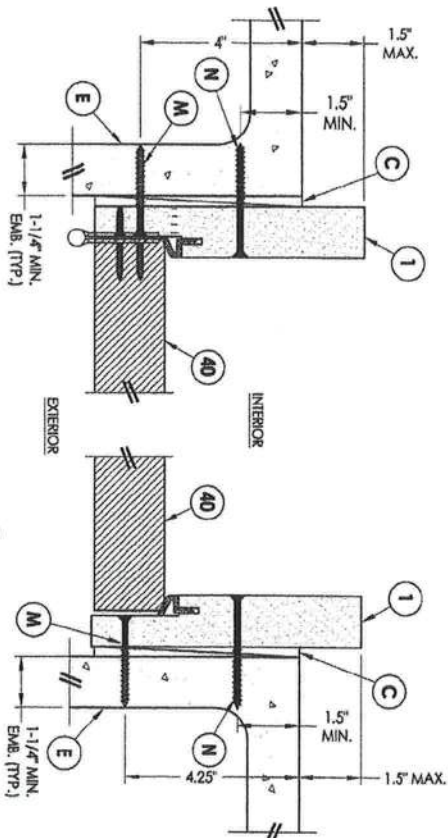
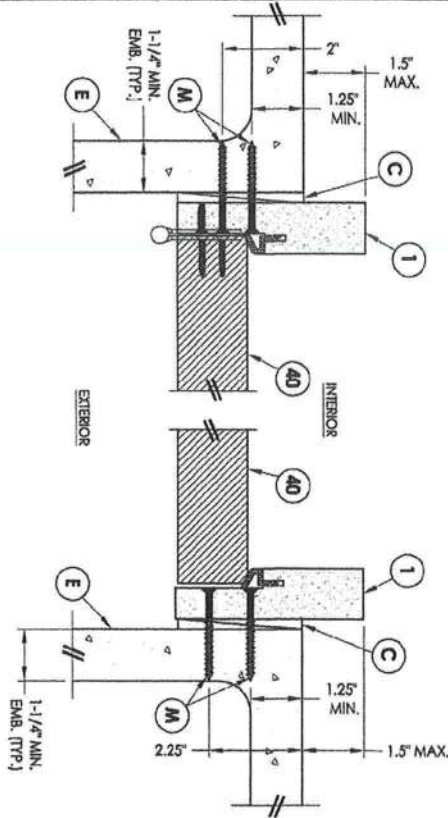
REVISIONS				PRODUCT:	
NO.	DATE	DESCRIPTION	BY	PART OR ASSEMBLY:	
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS	PLASTPRO INC FIBERGLASS DOOR	
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK	VERTICAL CROSS SECTIONS (THRESHOLDS)	
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK		

1 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

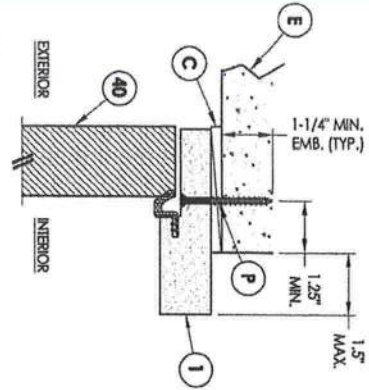
2 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb

3 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb

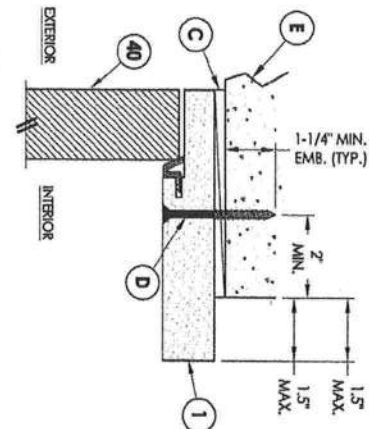
4 HORIZONTAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



5 VERTICAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 4-9/16" jamb



6 VERTICAL CROSS SECTION
Shown Direct to Masonry
Outswing only w/ 6-9/16" jamb



NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	HORIZONTAL & VERTICAL SECTIONS (DIRECT TO MASONRY)

DATE:	02/20/12
SCALE:	N.T.S.
CHK. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15220.11
SHEET:	7 OF 9

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



CONCRETE ANCHOR NOTES:

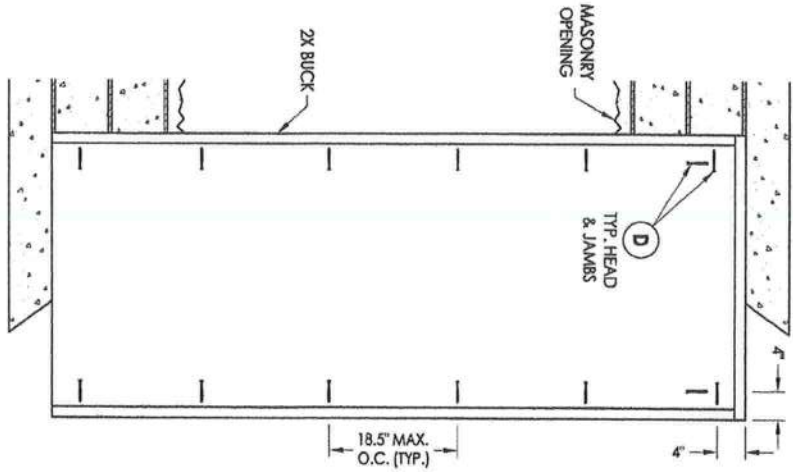
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations related to "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints; additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension is not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW	1/4"	1-1/4"	2"	4"
TAPCON®	1/4"	1-1/4"	1"	4"
ULTRACON®	1/4"	1-1/4"	3"	1-1/2"
ITW	3/16"	1-1/4"	3"	1-1/2"

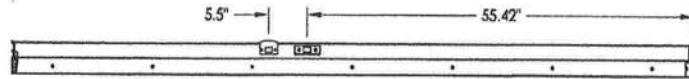
WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" and distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

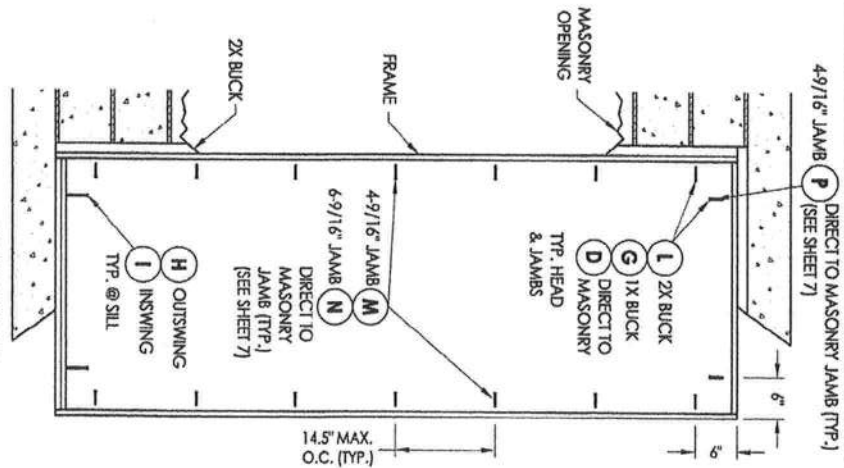
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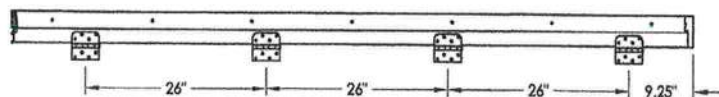
STRIKE JAMB



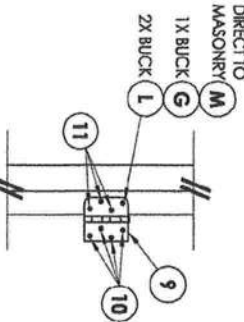
FRAME ANCHORING



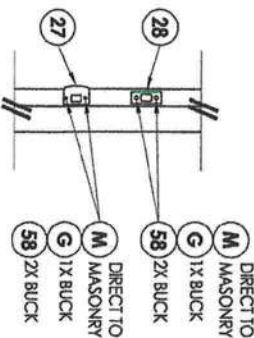
HINGE JAMB



HINGE DETAIL

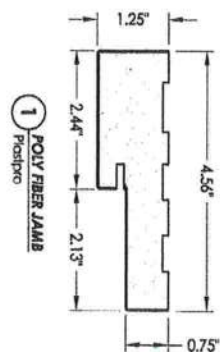
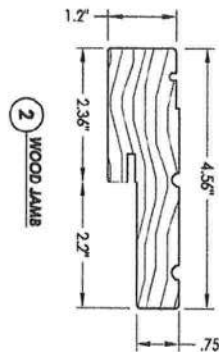
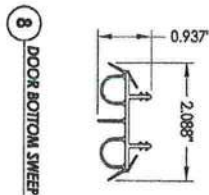
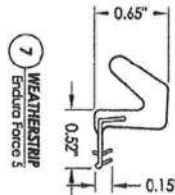
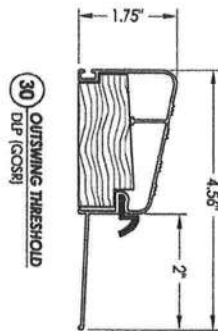
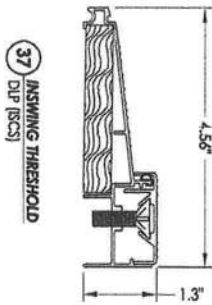


LATCH & DEADBOLT DETAIL



DATE: 02/20/12				PRODUCT: PLASTPRO INC FIBERGLASS DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		July 27, 2020		STATE OF FLORIDA PROFESSIONAL ENGINEER	
SCALE: N.T.S.				PART OR ASSEMBLY: BUCK AND FRAME ANCHORING		RW BUILDING CONSULTANTS, INC.		P.O. Box 230, Valrico, FL 33595		Phone No.: 813.659.9197	
CHK. BY: LFS								FBPE Registry No. 9813			
DRAWING NO.: FL-15220.11											
SHEET 8 OF 9											
REVISIONS											
NO.				DATE		BY					
3				7/27/20		UPDATE TO 7TH ED. (2020) FBC		LFS			
2				08/02/17		UPDATE TO 6TH ED. (2017) FBC		JK			
1				04/22/15		UPDATE TO 5TH ED. (2014) FBC		JK			

ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASSONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PH ELCO OR ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PH ELCO OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PH ELCO OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PH ELCO CONCRETE SCREW	STEEL
1	POLY FIBER JAMB	COMP. / VINYL
2	FINGER JOINTED PINE FRAME	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
9	4" X 4" BUTT HINGE	STEEL
11	#9 X 3/4" PH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
30	OUTSWING THRESHOLD	ALUM./WOOD
34	OUTSWING THRESHOLD	ALUM./WOOD
37	INSWING THRESHOLD	ALUM./WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
58	#8 X 2" PH WOOD SCREW	STEEL



NO.	DATE	REVISIONS	BY
3	7/27/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	08/02/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK

PRODUCT:	PLASTPRO INC FIBERGLASS DOOR
PART OR ASSEMBLY:	BILL OF MATERIALS

DATE:	July 27, 2020
SCALE:	N.T.S.
DRG. BY:	JK
CHECK BY:	LFS
DRAWING NO.:	FL-15220.11
SHEET:	9 OF 9

L.F. SCHMIDT
 LICENSE
 No. 43409
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.859.9197
 FBPE Registry No. 9813

SERIES SGD5470 NON-IMPACT RESISTANT SLIDING GLASS DOOR INCLUDING POCKETS & 90° / 135° CORNERS

GENERAL NOTES:

- GLAZING TYPE OPTIONS: SEE GLAZING DETAILS ON SHEET 10.
- NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS PER ASTM E1300.
- POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE. WATER TEST PRESSURE AND GLASS PER ASTM E1300. INCLUDING BUT NOT LIMITED TO STEEL, SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS, SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
- INSTALLATION SCREWS & FRAME SPLICES TO BE SEALED WITH NARROW JOINT SEALANT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- REFERENCES (MOQS): ELCO ULTRACON, CRETIFLEX & AGGREGATOR ANCHOR MOQS, VISION EXTRUSION, LTD. WHITE RIGID PVC NOA, VE 1000 TAN 202 AND LIGHTER SHADES (NON-WHITE) RIGID PVC NOA AND BROWN COATED REFERENCES (TEST REPORTS): FTL-8367, 6368, 6370, 6371 & 8545; EXOVA-10-002-722(A) & 10-006-10231; CAMBRIDGE 556753-067.
- DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER THE FBC, AS APPLICABLE.
- DRAWINGS DEPICT EXTERIOR GLAZING. HOWEVER INTERIOR GLAZING MAY BE SUBSTITUTED.
- THE 5470 SERIES SLIDING GLASS DOOR MAY ALSO BE KNOWN AS THE 470 SERIES.

ANCHOR NOTES:

- FOR CONCRETE/CMU SUBSTRATE APPLICATIONS, SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL. IF GREATER, 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
- IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

INSTRUCTIONS:

- KNOWING THE REQUIRED DESIGN PRESSURE OF THE OPENING, THE ANCHOR REQUIREMENTS FOR THE SLIDING LEVEL, DESIRED.
- LOCATE THE SLIDING GLASS DOOR SIZE ON THE TABLE, USING THE FRAME HEIGHT AND THE NOMINAL PANEL WIDTH. IF YOUR EXACT SIZE IS NOT LISTED, ROUND UP TO THE NEXT GREATER LISTED WIDTH AND/OR HEIGHT.
- CHOOSE WHICH ANCHOR GROUP (A-D) IS MOST APPLICABLE. ANCHORS ARE DEFINED IN TABLE A, THIS SHEET, ALONG WITH THE CORRESPONDING SUBSTRATE.
- FROM THE DESIGN PRESSURE TABLES (TABLES 1 OR 2), VERIFY THAT THE OPENINGS REQUIRED DESIGN PRESSURE IS MET OR EXCEEDED. USE THE ANCHOR QUANTITIES SHOWN.
- INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.
- ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

GENERAL NOTES:	
EXAMPLE CONFIGS.....	1
INSTALL DETAILS.....	2
DP/ANCHOR TABLES.....	3-6
EXAMPLE.....	7-8
GLAZING DETAILS.....	9
ANCHOR LOCATIONS.....	10
PANEL TYPES.....	11-16
EXTRUSIONS.....	17
ACCESSORIES.....	18
SCREEN DETAILS.....	19
PARTS LIST.....	20
FIN ADDON INSTALL.....	21
	22-25

IMPACT RATING NOT RATED FOR MISSILE IMPACT RESISTANCE

DESIGN PRESSURE RATING SEE TABLES 1, 2 & B1, B2 ON SHEETS 7 & 8

FLORIDA PRODUCT APPROVAL #21179

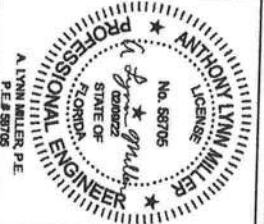
TABLE A:

Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment
A	#12 steel SMS (GS) or 1/8" S.S. SMS, (min. 11 threads/in)	P.T. Southern Pine (SG-C-55) Aluminum, 6063-T5* (0.125" min. thickness) Steel A36* (0.090" min. thickness) Steel Stud, A563 Gr. 33* (0.071" min. thickness)	HeadSill/Lamb P-hook Lamb P-hook	9/16" 3/8" 3/8" 3/8"	1-3/8" 1-3/8" 1/8" 0.060"
	1/4" Elco Ultracore	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	1"	1-3/8"
	1/4" DeWalt Ultracore+	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	1"	1-3/8"
	1/4" Elco 410 S.S. Cretiflex	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	1"	1-3/8"
B	#12 steel wood screw (GS)	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	9/16"	1-3/8"
	1/4" Elco Ultracore	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	1"	1-3/8"
	1/4" DeWalt Ultracore+	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	1"	1-3/8"
	1/4" Elco 410 S.S. Cretiflex	P.T. Southern Pine (SG-C-55)	HeadSill/Lamb P-hook	1"	1-3/8"
C	1/4" Elco 410 S.S. Cretiflex	Ungrouted CMU (ASTM C-90) Concrete (min. 2,85 ksi)	HeadSill/Lamb P-hook Lamb P-hook	1-1/2" 1-3/4" 1-3/4" 1-3/4"	1-3/8" 1-1/4" 1-1/4" 1-3/4"
	1/4" Elco 188 S.S. Aggre-Gator	Ungrouted CMU (ASTM C-90) Concrete (min. 2,22 ksi)	HeadSill/Lamb P-hook Lamb P-hook	1-1/2" 1-1/2" 1-1/2" 1-1/2"	1-3/8" 1-3/8" 1-3/8" 1-3/8"
	1/4" Elco Ultracore	Ungrouted CMU (ASTM C-90) Concrete (min. 2,85 ksi)	HeadSill/Lamb P-hook Lamb P-hook	1-1/2" 1-3/4" 1-3/4" 1-3/4"	1-3/8" 1-1/4" 1-1/4" 1-3/4"
	1/4" DeWalt Ultracore+	Ungrouted CMU (ASTM C-90) Concrete (min. 3,00 ksi)	HeadSill/Lamb P-hook Lamb P-hook	2-1/2" 2-1/2" 2-1/2" 2-1/2"	1-3/8" 1-3/8" 1-3/8" 1-3/8"
D	1/4" Elco 410 S.S. Cretiflex	Ungrouted CMU (ASTM C-90) Concrete (min. 3,35 ksi)	HeadSill/Lamb P-hook Lamb P-hook	2-1/2" 2-1/2" 2-1/2" 2-1/2"	1-3/8" 1-3/8" 1-3/8" 1-3/8"
	1/4" DeWalt Ultracore+	Ungrouted CMU (ASTM C-90) Concrete (min. 3,00 ksi)	HeadSill/Lamb P-hook Lamb P-hook	2-1/2" 2-1/2" 2-1/2" 2-1/2"	1-3/8" 1-3/8" 1-3/8" 1-3/8"
	1/4" Elco Ultracore	Ungrouted CMU (ASTM C-90) Concrete (min. 2,85 ksi)	HeadSill/Lamb P-hook Lamb P-hook	2-1/2" 2-1/2" 2-1/2" 2-1/2"	1-3/8" 1-3/8" 1-3/8" 1-3/8"
	1/4" DeWalt Ultracore+	Ungrouted CMU (ASTM C-90) Concrete (min. 3,00 ksi)	HeadSill/Lamb P-hook Lamb P-hook	2-1/2" 2-1/2" 2-1/2" 2-1/2"	1-3/8" 1-3/8" 1-3/8" 1-3/8"

Nominal Panel Size	Design Pressure	Certification Numbers
Width	Height	
60"	96"	60 60 190-771
48"	120"	60 65 190-774
48"	96"	60 60 190-770
48"	96"	80 80 190-772

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
FOR STEEL STUDS, MIN. F1-46 KSI & MIN. FV-43 KSI.
* UNROUTED CMU* VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

ALL ANCHOR HEAD TYPES APPLICABLE.



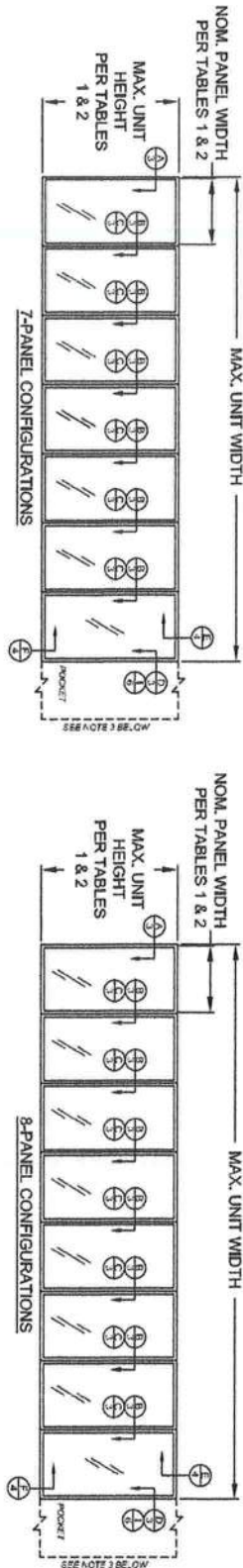
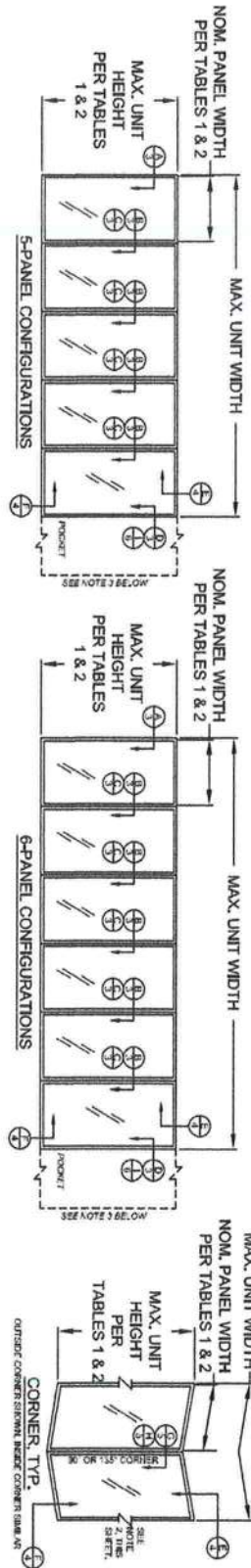
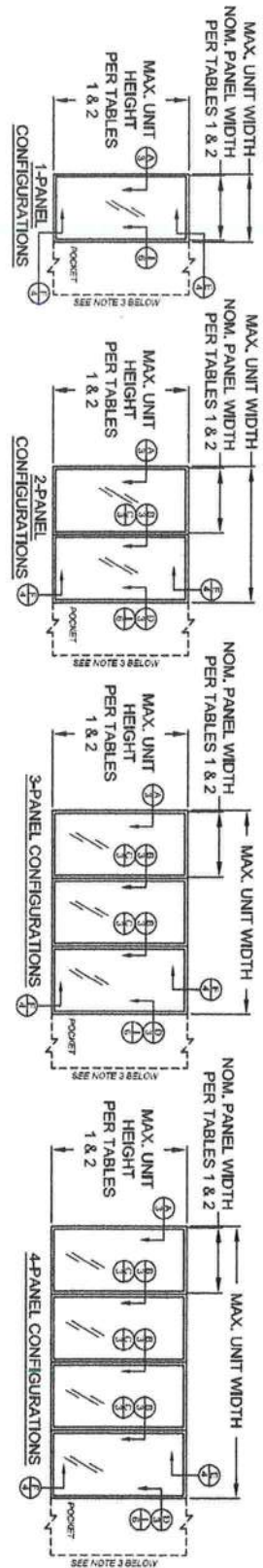
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941)480-1800

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VINYL SLIDING GLASS DOOR INSTALL. (NI) 09/12/20

GENERAL NOTES J ROSOWSKI
SGD-5470 1 OF 25 FPA-SGD5470.2

REV B - UPDATED TITLE BLOCK LAYOUT: EX - 02/08/22

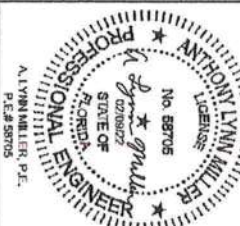


- CONFIGURATIONS NOTES:
- 1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS.
EXAMPLE: 4-PANEL, XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXX, pXXXX OR XXXX, OXXX IN POCKET CONFIGURATION CAN BE OXXX.
 - 2) 90° & 135° CORNER CONFIGURATIONS ARE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.
 - 3) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
 - 4) FOR NOM. PANEL WIDTH, SEE TABLES 1 & 2.

DETAIL LETTER
SHEET NUMBER

"X" = OPERABLE PANEL
"O" = INOPERABLE PANEL
"P" = POCKET

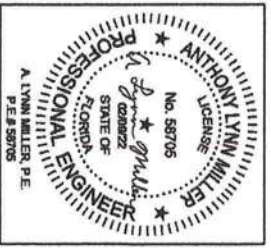
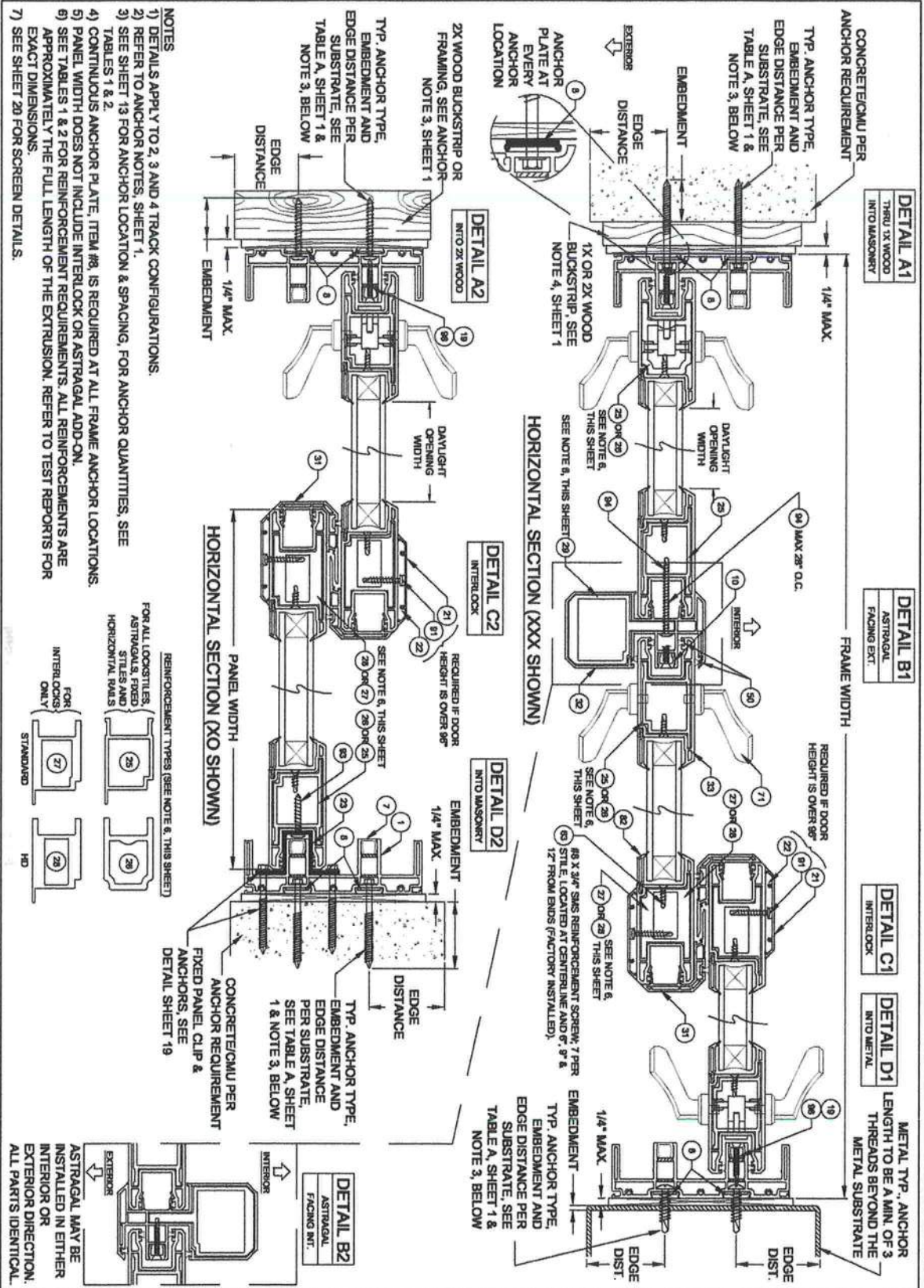
DLO WIDTH = NOMINAL PANEL WIDTH - 7/32"
DLO WIDTH = ACTUAL PANEL WIDTH - 8-9/16"
DLO HEIGHT = DOOR UNIT HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR UNIT HEIGHT - 2-11/16"



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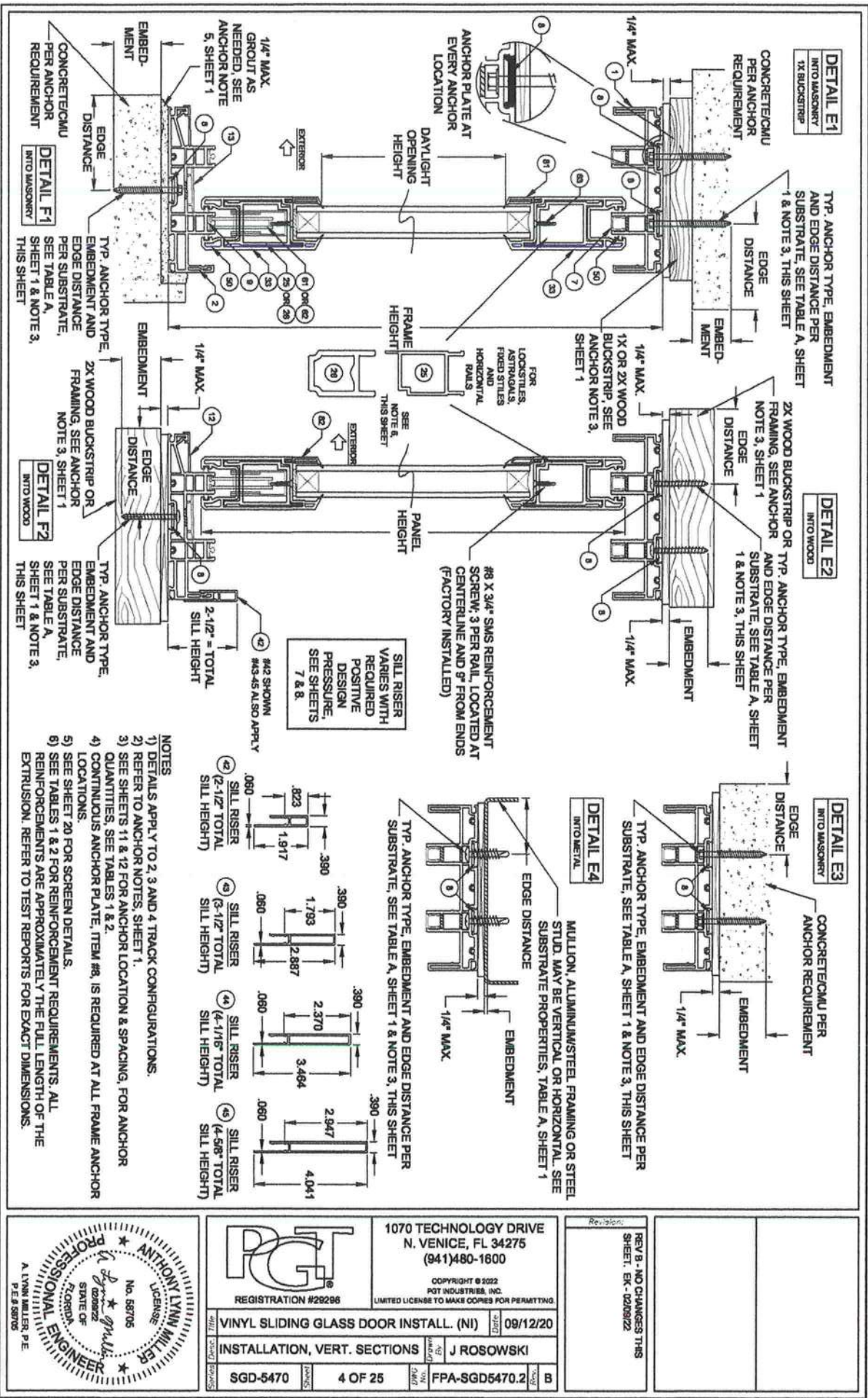
Project	SGD-5470	Title	VINYL SLIDING GLASS DOOR INSTALL. (NI)	Date	09/12/20
Client	J ROSOWSKI	Unit	2 OF 25	Rev	B
Rev	FPA-SGD5470.2	Unit		Rev	

Revision:
REV B - CORRECT DLO WIDTH
FORMULA, EX - 0208022



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VINYL SLIDING GLASS DOOR INSTALL. (NI)	09/12/20	J ROSOWSKI	
INSTALLATION, HORZ. SECTIONS	3 OF 25	FPA-SGD5470.2	
SGD-5470	3 OF 25	B	

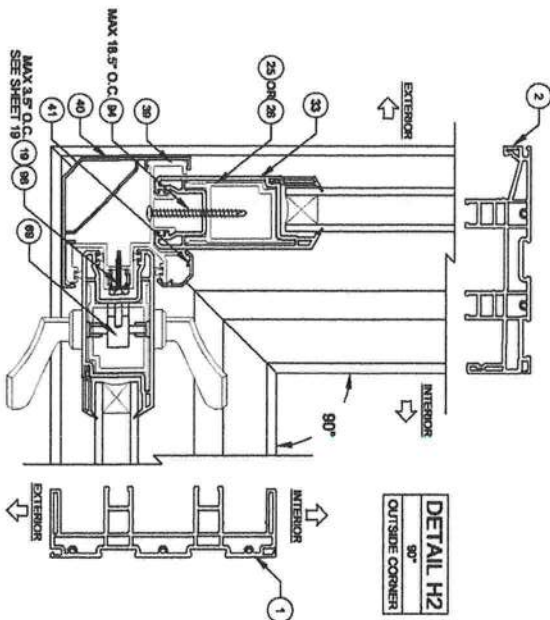
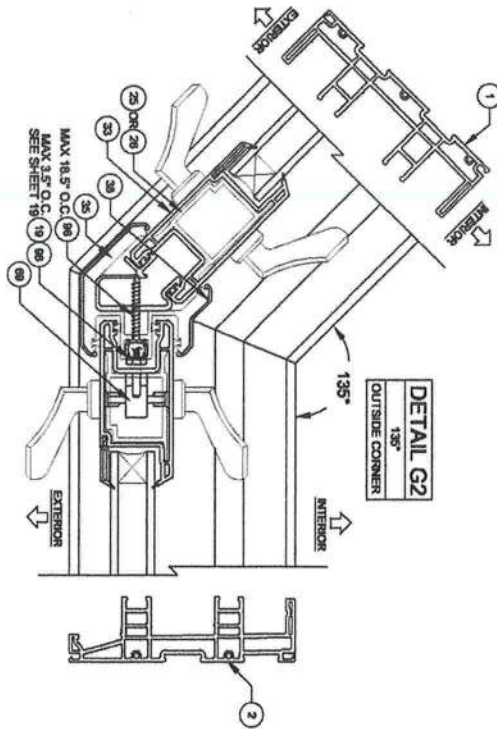
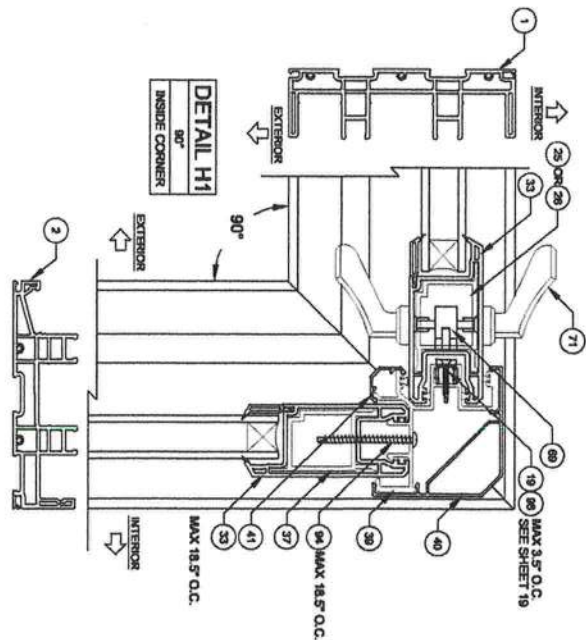
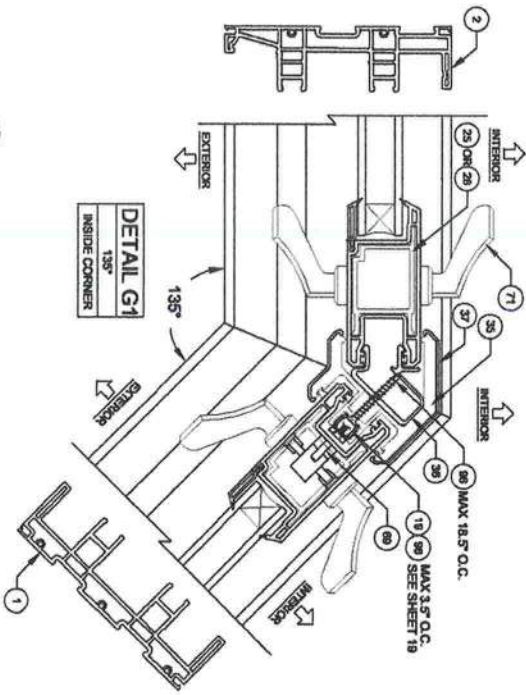
REV. B - NO CHANGES THIS SHEET. EX - 1203022	Revision:
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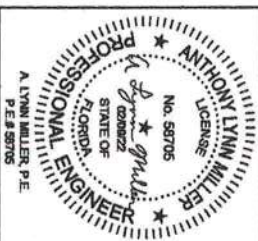
ANTHONY LYNN MILLER
 LICENSE
 No. 68706
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A LYNN MILLER P.E.
 P.E.# 58706

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REGISTRATION #28296		COPYRIGHT © 2022 POT INDUSTRIES, INC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING	
VINYL SLIDING GLASS DOOR INSTALL. (NI)		Date: 09/12/20	Rev:
INSTALLATION, VERT. SECTIONS		Drawn by: J ROSOWSKI	Title:
SGD-5470	4 OF 25	FPA-SGD5470.2	B

Revision:		REV-B - NO CHANGES THIS SHEET. EX - 02/09/22	
1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)480-1600		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941)480-1600	



- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 2) SEE SHEETS 14 & 15 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 - 3) CORNER ASTRAGAL MAY BE EITHER TO THE INTERIOR OR EXTERIOR, DEPENDING ON CONFIGURATION.



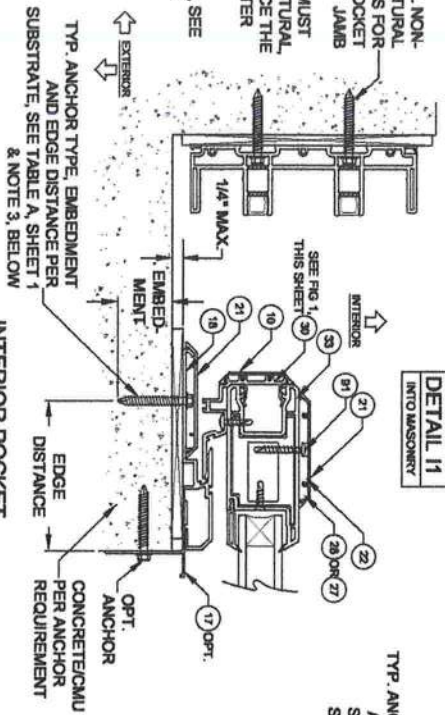
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		COPYRIGHT © 2022 PGT INDUSTRIES, INC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING	
REGISTRATION #292298		VINYL SLIDING GLASS DOOR INSTALL. (NI) 09/12/20	
CORNER ASTRAGAL		J ROSOWSKI	
SGD-5470	5 OF 25	FPA-SGD5470.2	B

Revision:	REV. B - NO CHANGES THIS SHEET. EX - 0209022
[Empty space for additional revisions]	

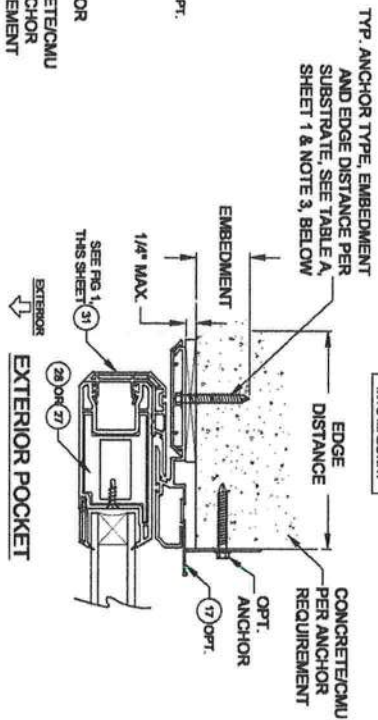
OPTIONAL NON-STRUCTURAL ANCHORS FOR INTERIOR POCKET JAMB

INTERIOR POCKETS MUST INCLUDE A NON-STRUCTURAL FRAME JAMB TO REDUCE THE POSSIBILITY OF WATER INFILTRATION.

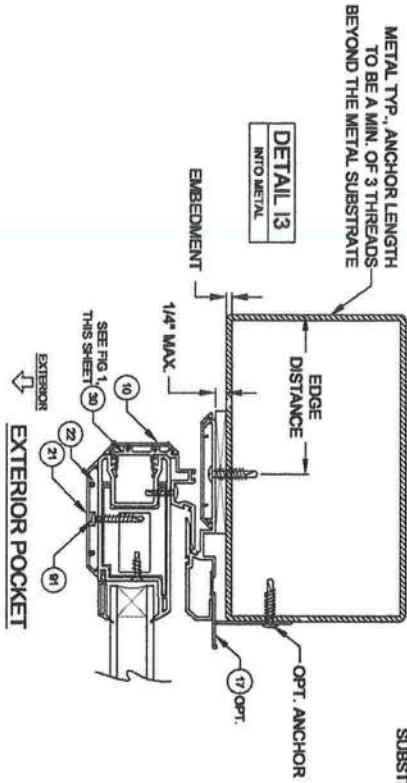
POCKET BY OTHERS, SEE NOTE 6 BELOW.



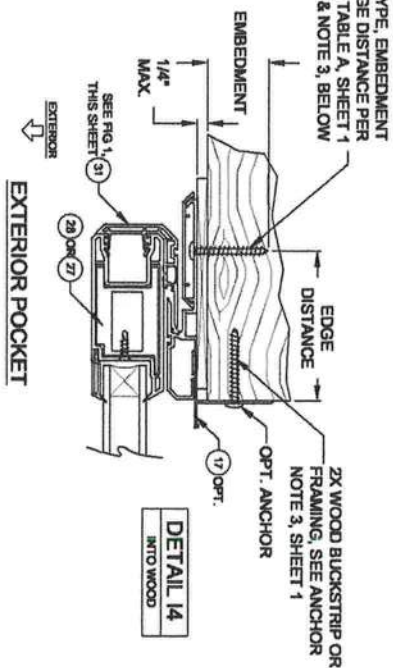
DETAIL 11
INTERIOR POCKET



DETAIL 12
EXTERIOR POCKET

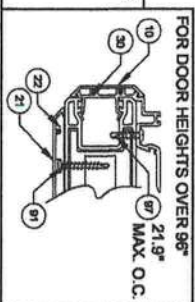
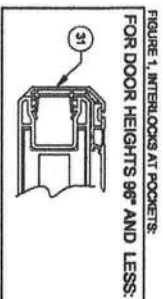


DETAIL 13
METAL



DETAIL 14
2X WOOD BUCKSTRIP OR FRAMING, SEE ANCHOR NOTE 3, SHEET 1

- NOTES
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 2) REFER TO ANCHOR NOTES, SHEET 1.
 - 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
 - 4) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
 - 5) INTERIOR OR EXTERIOR POCKETS APPLICABLE FOR ALL INSTALLATION METHODS.
 - 6) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.



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VINYL SLIDING GLASS DOOR INSTALL. (NI)	09/12/20	J ROSOWSKI	
INSTALLATION, P-HOOK		FPA-SGD5470.2	
SGD-5470	6 OF 25	B	

Revision:

REV B - NO CHANGES THIS SHEET. EK - 02/09/22

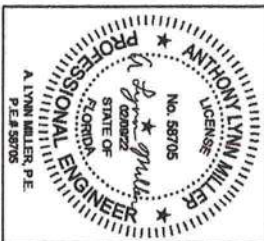


TABLE 1:

Design Pressure (DP) and Anchor Quantities Required

Use this table for:		Door Unit Height												
		80"				84"				96"				
Astragal Reinforcement #29 Locksite Reinforcement #25 or #26 Std. Interlock Reinforcement #27		68-15/16" DLO Height Anchor Group				72-15/16" DLO Height Anchor Group				84-15/16" DLO Height Anchor Group				
		A	B	C	D	A	B	C	D	A	B	C	D	
Nominal Panel Width														
24"	16-5/8" DLO Width	Design Pressure												
	Head/Sill	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
	Jamb	5	5	5	5	5	5	5	5	5	5	5	5	
	P-hook	7	7	7	7	7	7	7	7	7	8	8	8	8
30"	22-5/8" DLO	Design Pressure												
	Head/Sill	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
	Jamb	5	5	5	5	5	5	5	5	5	5	5	5	
	P-hook	7	7	7	7	7	7	7	7	7	8	8	8	8
36"	28-5/8" DLO Width	Design Pressure												
	Head/Sill	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
	Jamb	5	5	5	5	5	5	5	5	5	5	5	5	
	P-hook	7	7	7	7	7	7	7	7	7	8	8	8	8
42"	34-5/8" DLO Width	Design Pressure												
	Head/Sill	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
	Jamb	5	5	5	5	5	5	5	5	5	5	5	5	
	P-hook	7	7	7	7	7	7	7	7	7	8	8	8	8
48"	40-5/8" DLO Width	Design Pressure												
	Head/Sill	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
	Jamb	5	5	5	5	5	5	5	5	5	5	6	5	5
	P-hook	7	7	7	7	7	7	7	7	7	8	8	8	8

USED IN EXAMPLE ON SHEET 9

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE. USING THE ANCHOR QUANTITIES LISTED BELOW, SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES, ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED. SEE TABLE B1, THIS SHEET.

OF ANCHORS THROUGH THE HEAD & SILL, EX. FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL.

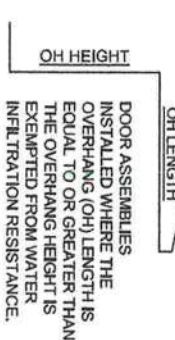
TOTAL # OF ANCHORS THROUGH THE JAMB.

THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

TABLE B1:

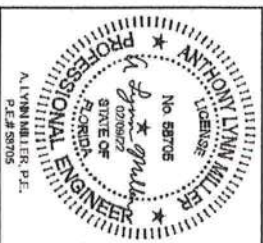
Water-Limited (+) Design Pressure		Max. (+) DP Allowed	
Sill	Norm Sill Height	See Note 2	
Riser	2-1/16"	+38.7 psf	
None	2-1/2"	+60.0 psf	
43	3-1/16"	+80.0 psf	
44	4-1/16"	+100.0 psf	
45	4-5/8"	+100.0 psf	

FIG 1:



- TABLE NOTES:
- IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP.
 - IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; OTHERWISE, +DPS SHOWN IN TABLE 1 MAY BE USED.
 - SEE SILL RISER TYPES ON SHEET 4.
 - SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - REFER TO ANCHOR NOTES, SHEET 1.
 - SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING.

DLO WIDTH = NOMINAL PANEL WIDTH - 7-3/8"
DLO WIDTH = ACTUAL PANEL WIDTH - 8-9/16"
DLO HEIGHT = DOOR UNIT HEIGHT - 11-1/16"
PANEL HEIGHT = DOOR UNIT HEIGHT - 2-1/2"



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Title VINYL SLIDING GLASS DOOR INSTALL. (NI)	Date 09/12/20	Drawn By J ROSOWSKI	Check By B
Desc. DP AND ANCHORAGE	Sheet 7 OF 25	Project FPA-SGD5470.2	Rev. B
Series SGD-5470	Date 09/12/20	Project FPA-SGD5470.2	Rev. B

Revision: REV B - CORRECT DLO WIDTH FORMULA, EX - 10/09/22	Date: 09/12/20
--	-------------------

TABLE 2:

Design Pressure (DP) and Anchor Quantities Required

Use this table for:		Door Unit Height																			
Astragal Reinforcement #29 Lockset Reinforcement #25 HD Interlock Reinforcement #28		30"				84"				96"				108"				120"			
		Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
		A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
		+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf				+80 / -80 psf			
		C3+1				C3+1				C3+1				C3+1				C3+1			
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