

plastpro

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 2010 Florida Building Code (FBC) structural requirements excluding 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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the FBC.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

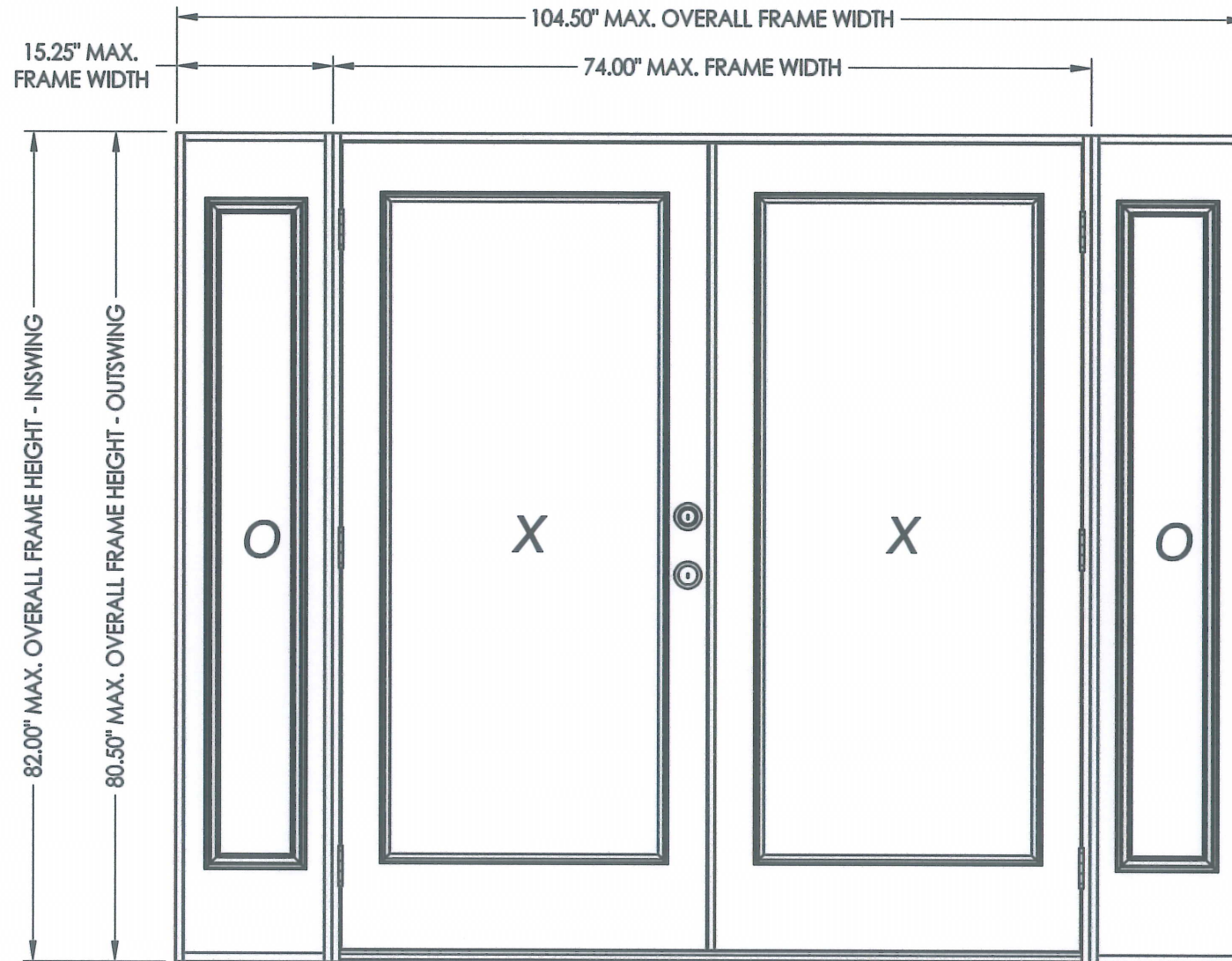


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4	Horizontal cross sections
5	Vertical cross sections
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8	Frame anchoring - 2X buck masonry construction
9	Frame anchoring - 1X buck masonry construction
10	Endura astragal details
11	Bill of materials, glazing detail & components

SWING	OVERALL FRAME DIMENSION	DOOR D.L.O. DIMENSION	SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
INSWING	104.50" x 82.00"	21.00" x 63.00"	7.00" x 63.00"	G1	+47.0	-50.0
OUTSWING	104.50" x 80.50"	21.00" x 63.00"	7.00" x 63.00"		+50.0	-50.0

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Vairico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
LFS 2-17-12
Lyndon F. Schmidt, P.E. No. 43409

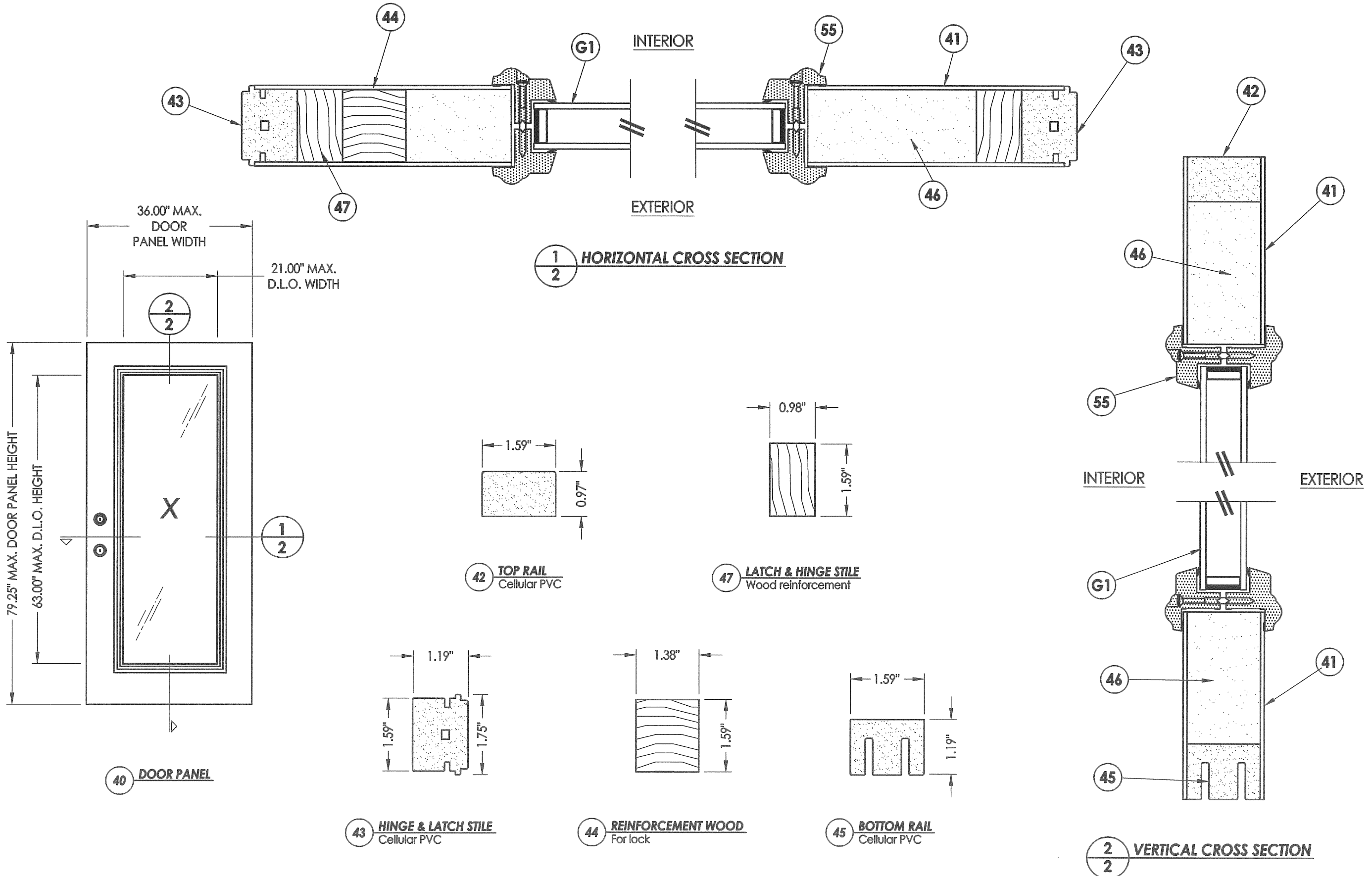
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

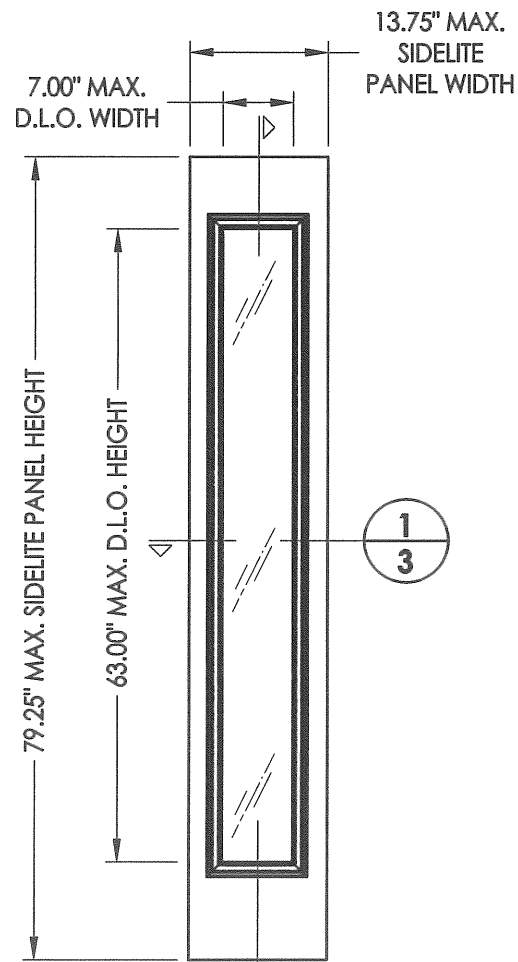
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SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.18
SHEET 1 OF 11

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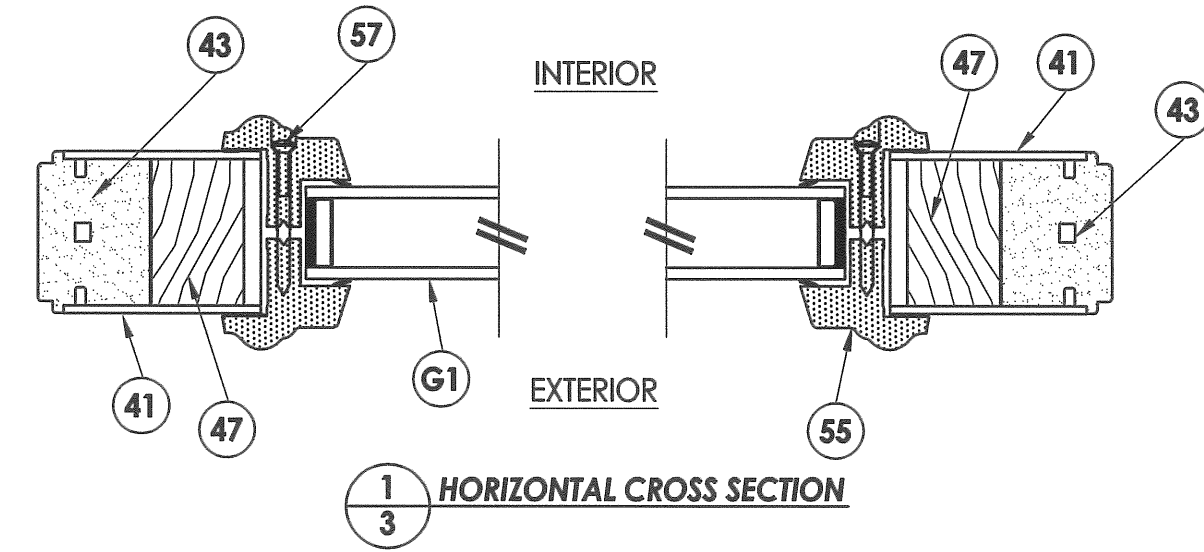
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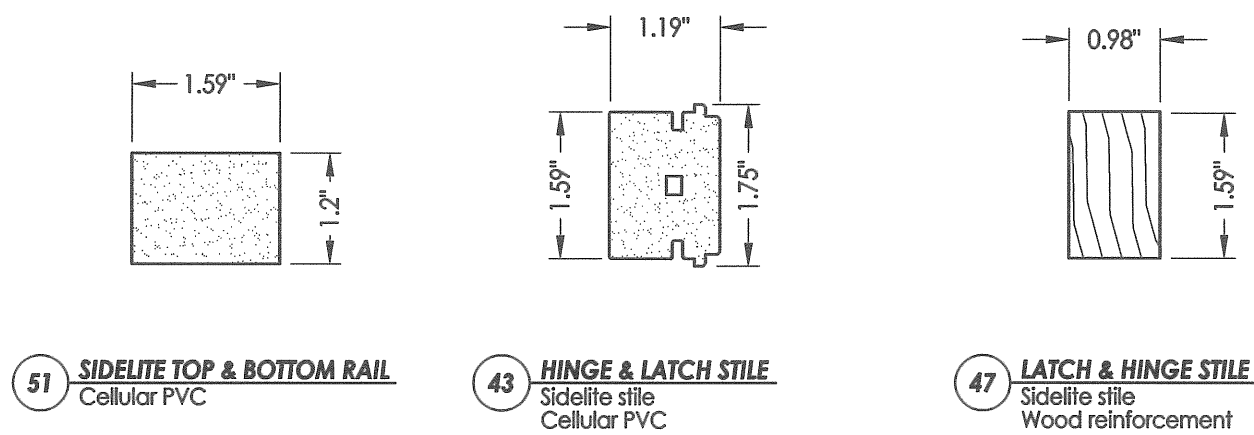
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PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR	DOOR PANEL DETAILS	
PART OR ASSEMBLY:			
NO.	DATE	BY	REVISIONS
DATE: 02/16/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15213.18			
SHEET 2 OF 11			



50 SIDELITE PANEL



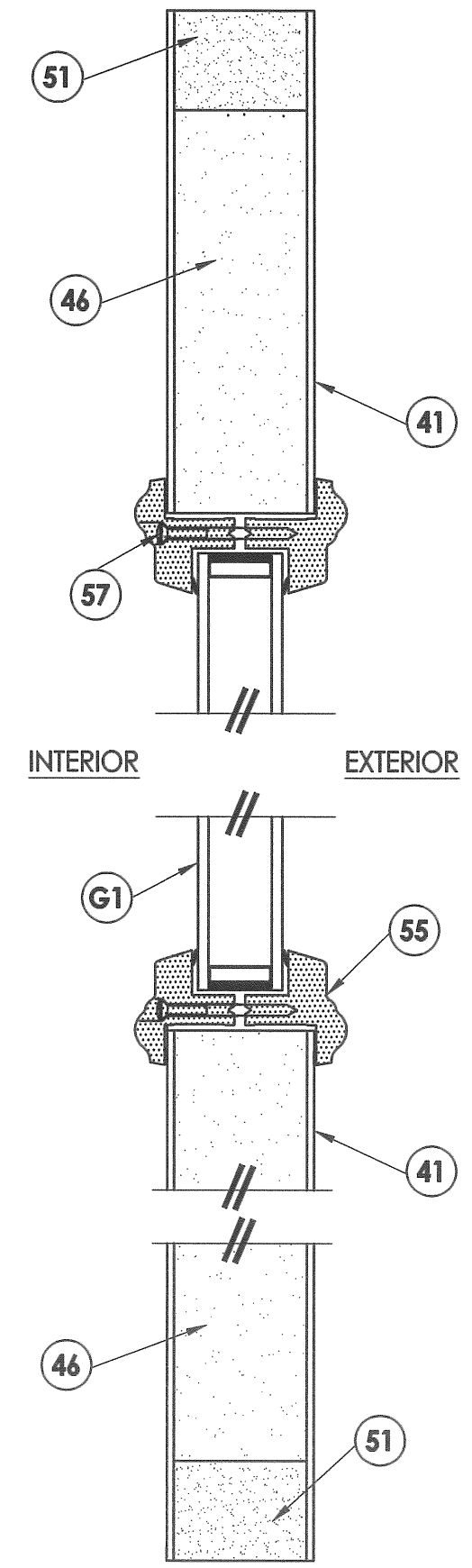
1 HORIZONTAL CROSS SECTION



51 SIDELITE TOP & BOTTOM RAIL
Cellular PVC

43 HINGE & LATCH STILE
Sidelite stile
Cellular PVC

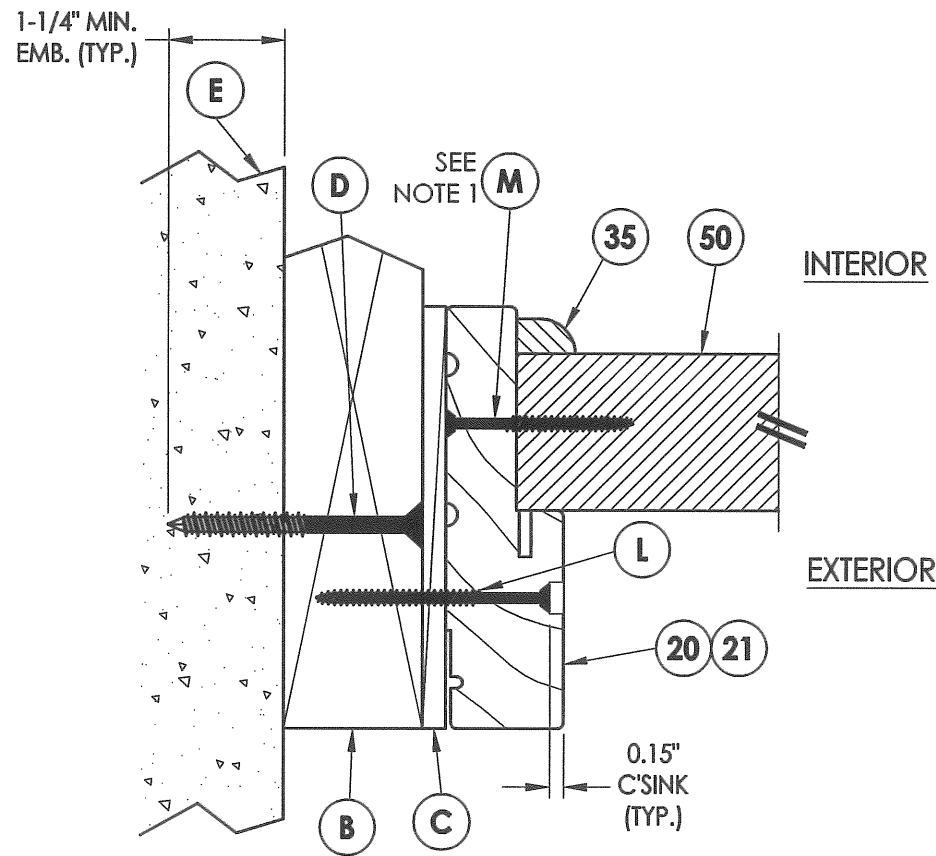
47 LATCH & HINGE STILE
Sidelite stile
Wood reinforcement



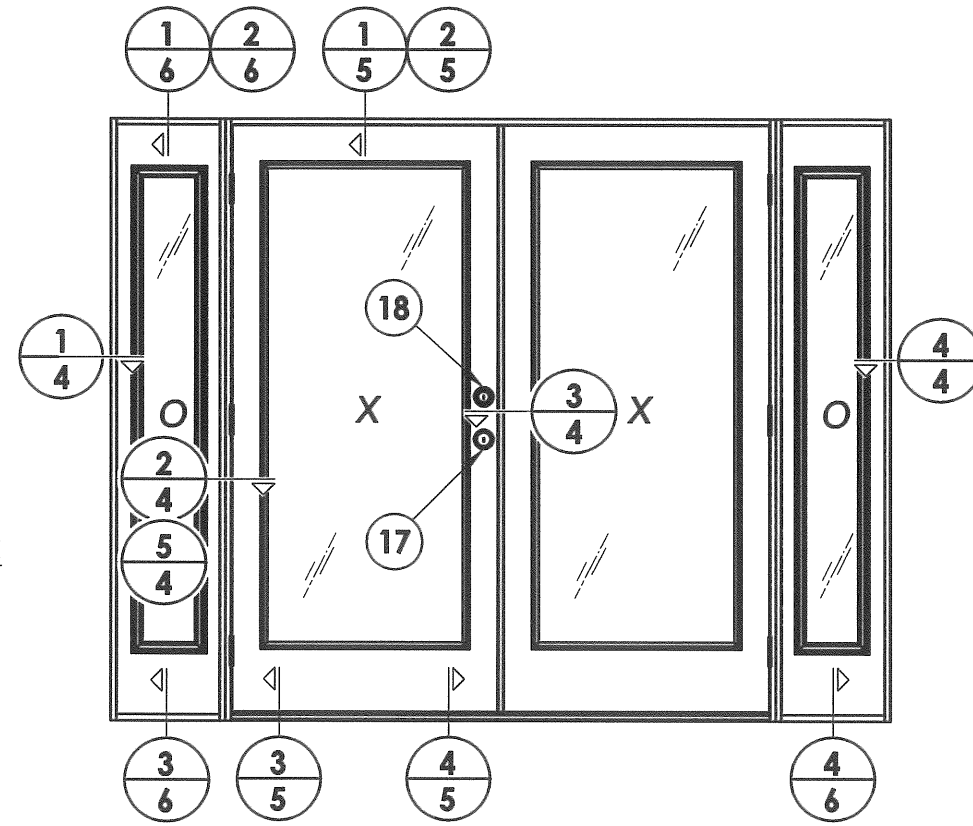
2 VERTICAL CROSS SECTION

Documents Prepared By: RW BUILDING CONSULTANTS, INC. P.O. Box 230 Vairico FL 33595 Phone No.: 813.659.9197 Florida Board of Professional Engineers Certificate of Authorization No. 9813 Lyndon F. Schmidt, P.E. No. 43409	
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR	PART OR ASSEMBLY: SIDELITE PANEL DETAILS
NO. DATE REVISIONS	BY
DATE: 9/5/08 SCALE: N.T.S. DWG. BY: DT CHK. BY: LFS DRAWING NO.: FL-15213.18	SHEET 3 OF 11

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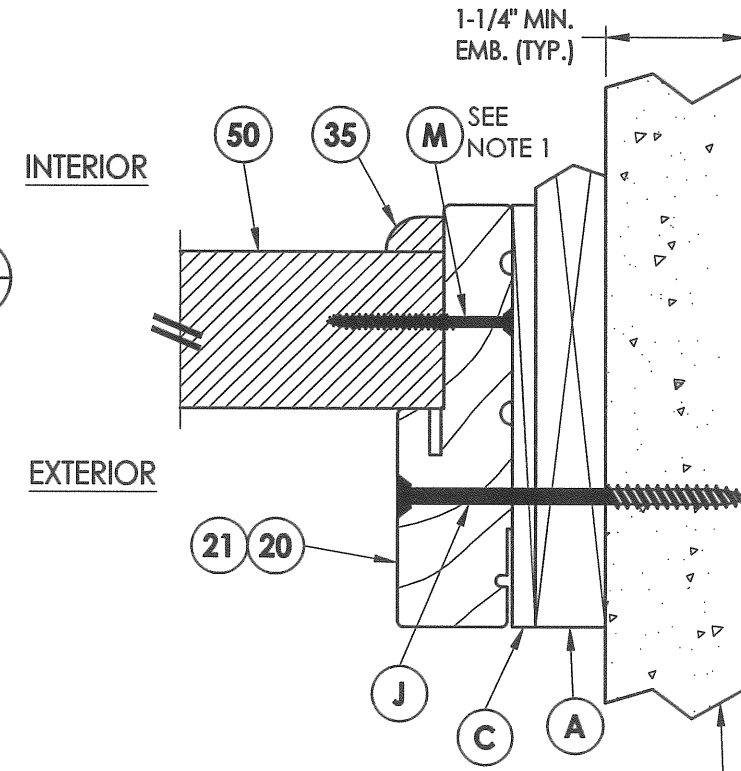
1 **HORIZONTAL CROSS SECTION**
4 Outswing shown - inswing also approved



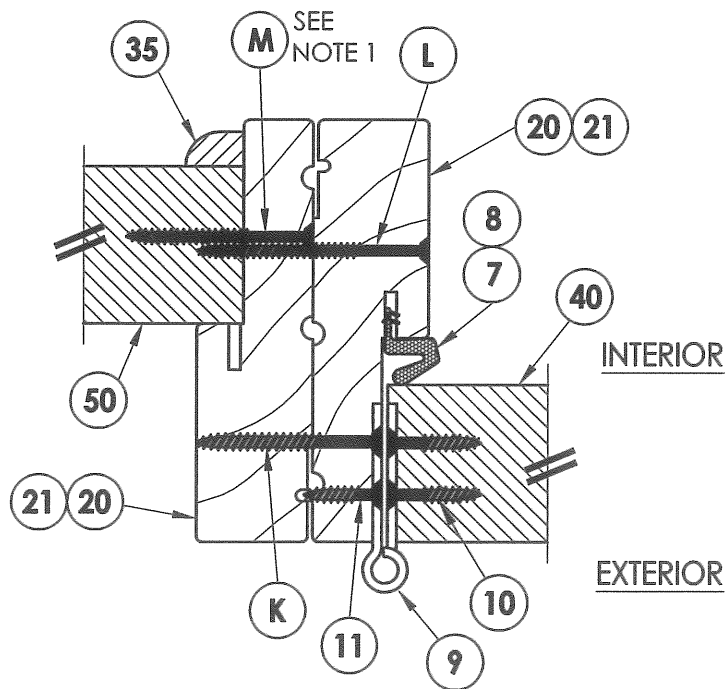
NOTE:

1. Sidelite panel secured to the sidelite frame with (4) of item #M located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #M in the head and sill 3" from each end.

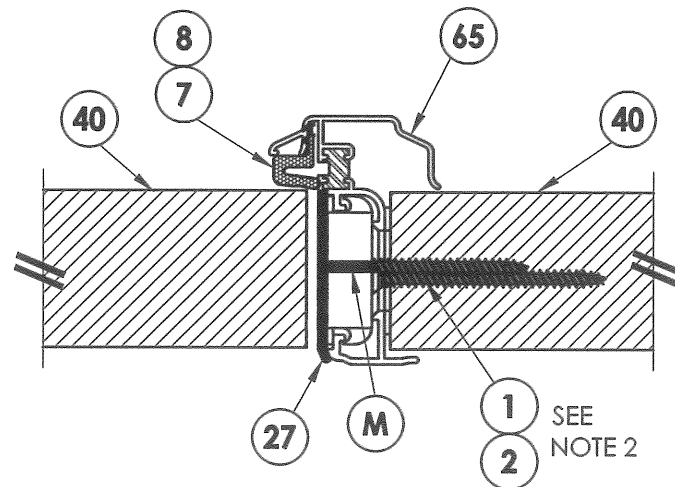
2. As noted in the test report astragal was attached to the inactive leaf with (10) #8 x 3" psh sms and (4) #10 x 2-1/2" pfh sms for all 6'-8" (outswing). Astragal was attached to the inactive leaf with (9) #8 x 3" psh sms and (4) #10 x 2-1/2" pfh sms for all 6'-8" (inswing).



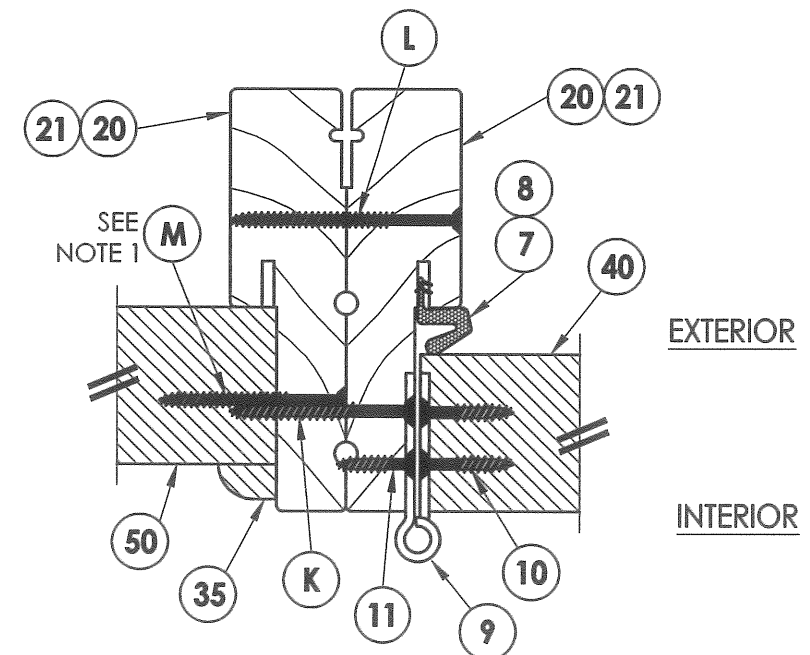
4 **HORIZONTAL CROSS SECTION**
4 Shown w/1X sub-buck



2 **HORIZONTAL CROSS SECTION**
4 Outswing configuration



3 **HORIZONTAL CROSS SECTION**
4 Outswing shown - inswing also approved



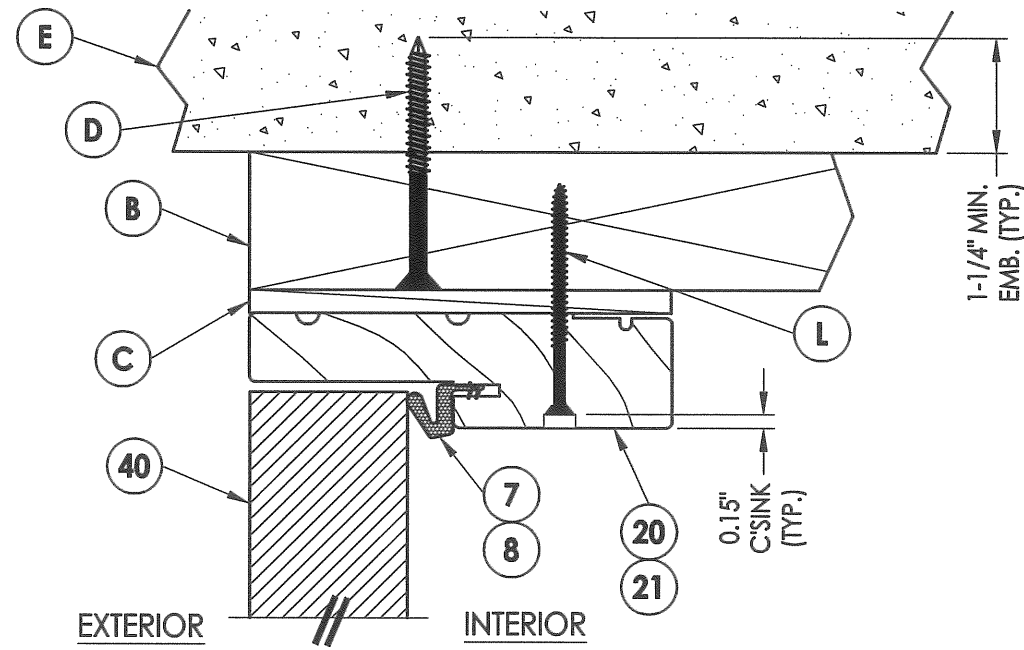
5 **HORIZONTAL CROSS SECTION**
4 Inswing configuration

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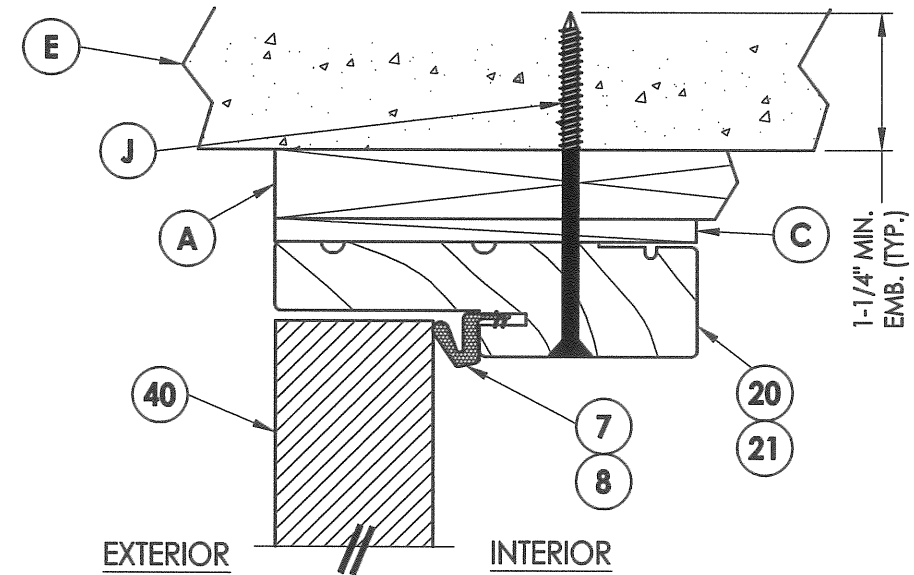
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PLASTPRO INC.
FIBERGLASS DOOR
 PART OR ASSEMBLY:
HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

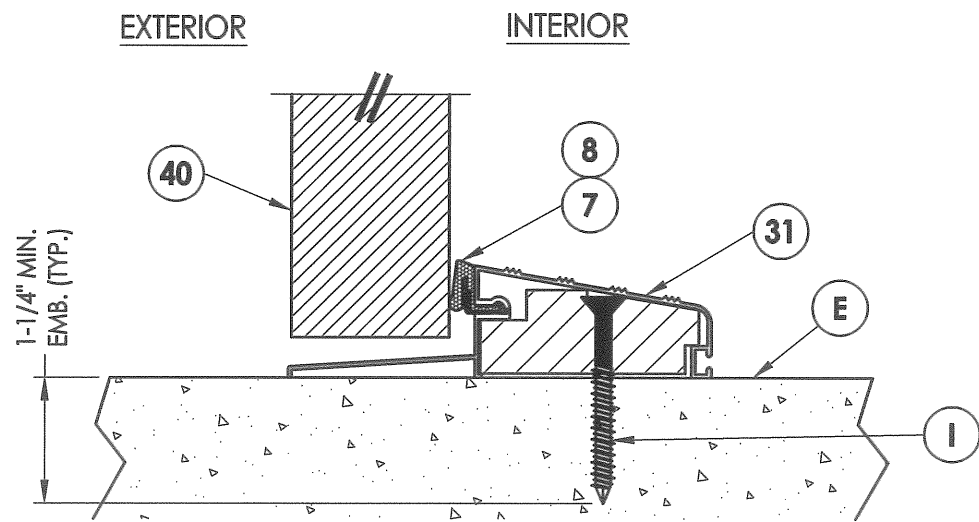
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 DWG. BY: JK
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 DRAWING NO.: FL-15213.18
 SHEET 4 OF 11



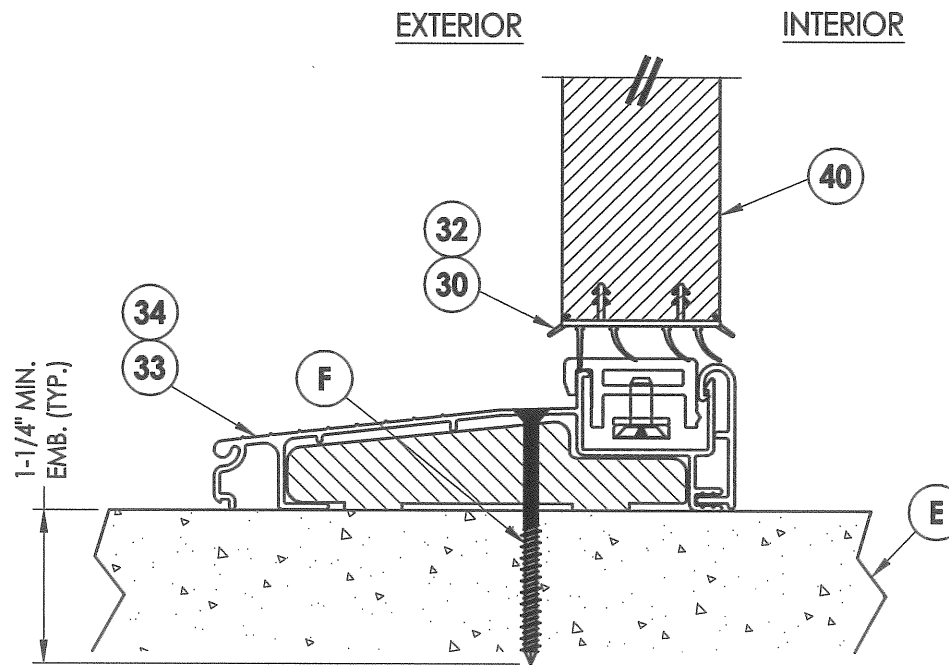
1 VERTICAL CROSS SECTION
5 Outswing shown - inswing also approved



2 VERTICAL CROSS SECTION
5 Shown w/1X sub-buck



3 VERTICAL CROSS SECTION
5 Outswing configuration



4 VERTICAL CROSS SECTION
5 Inswing configuration

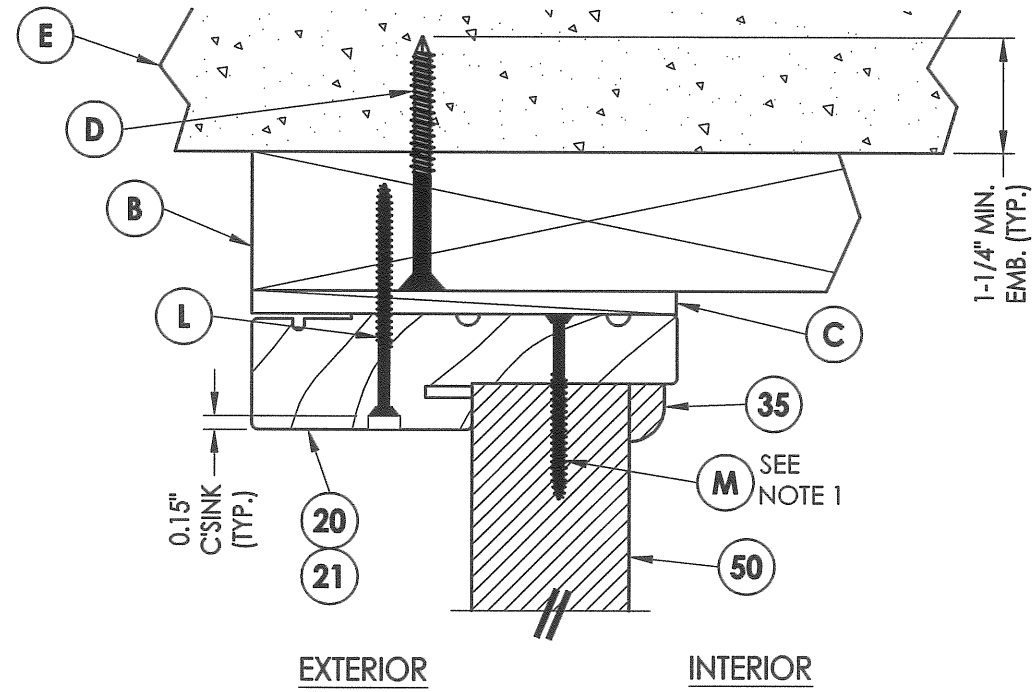
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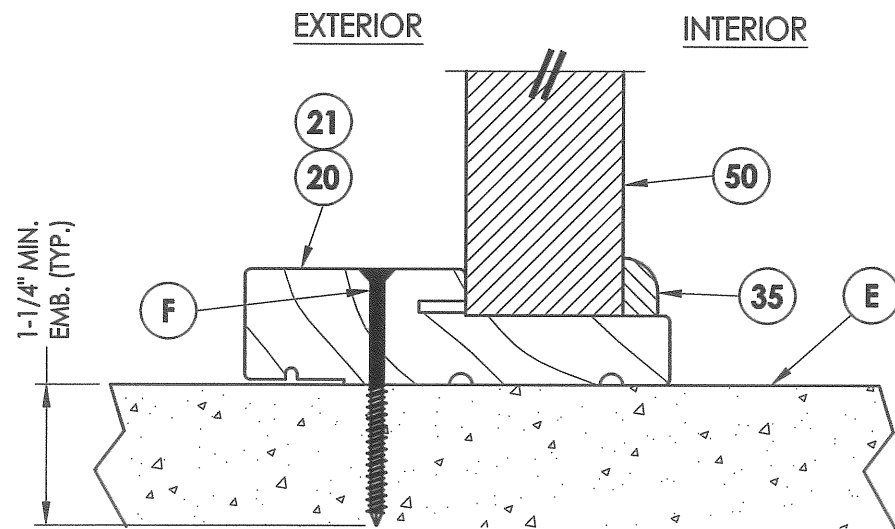
PRODUCT:
 PLASTPRO INC.
 FIBERGLASS DOOR
 PART OR ASSEMBLY:
 VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS	BY

DATE: 02/16/12
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-15213.18
 SHEET 5 OF 11

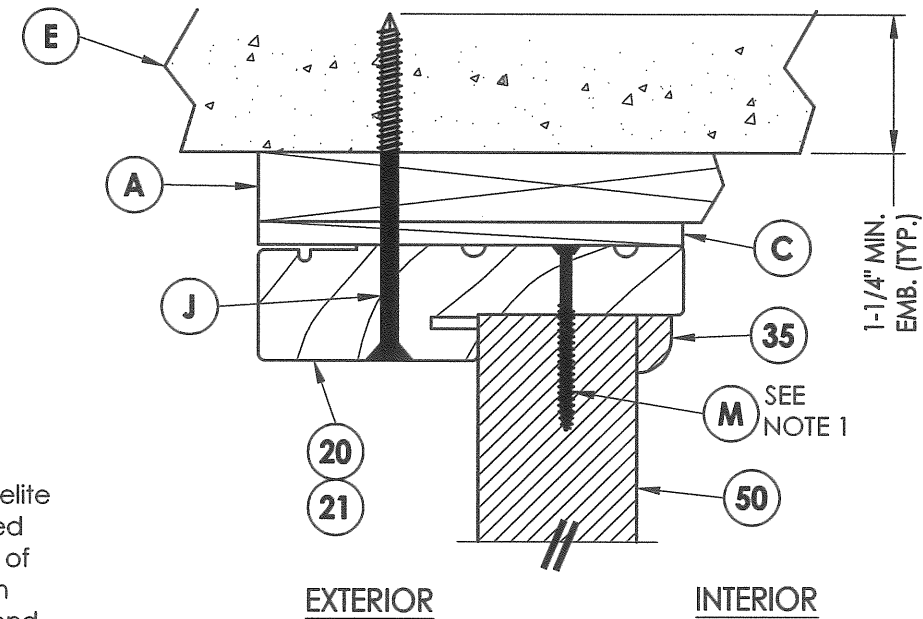


1 VERTICAL CROSS SECTION
6 Outswing shown - inswing also approved

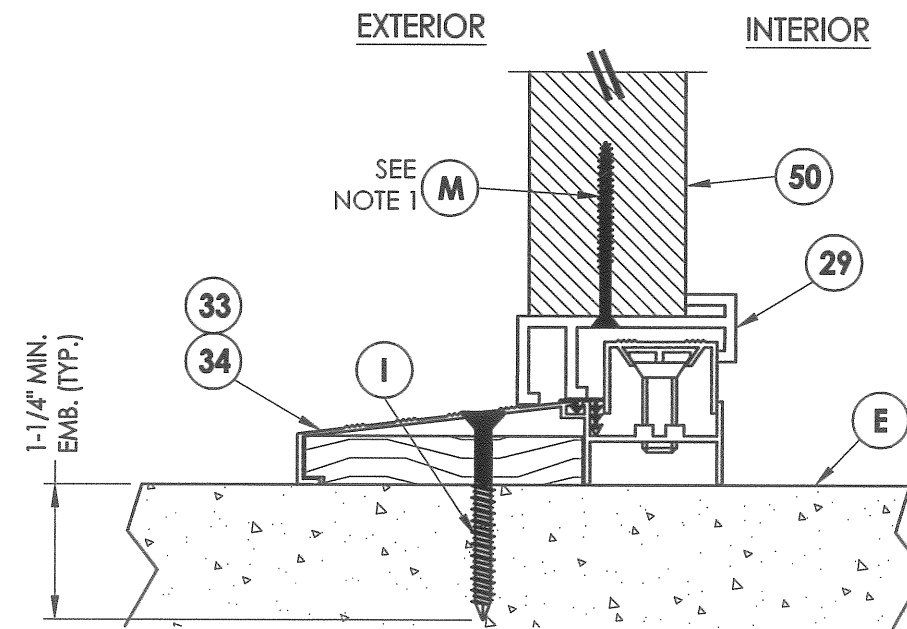


3 VERTICAL CROSS SECTION
6 Outswing shown - inswing also approved

NOTE:
1. Sidelite panel secured to the sidelite frame with (4) of item #M located 10", 30.5", 51" and 71.5" from top of each jamb and (2) of item #M in the head and sill, 3" from each end



2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck



4 VERTICAL CROSS SECTION
6 Inswing configuration

Documents Prepared By:

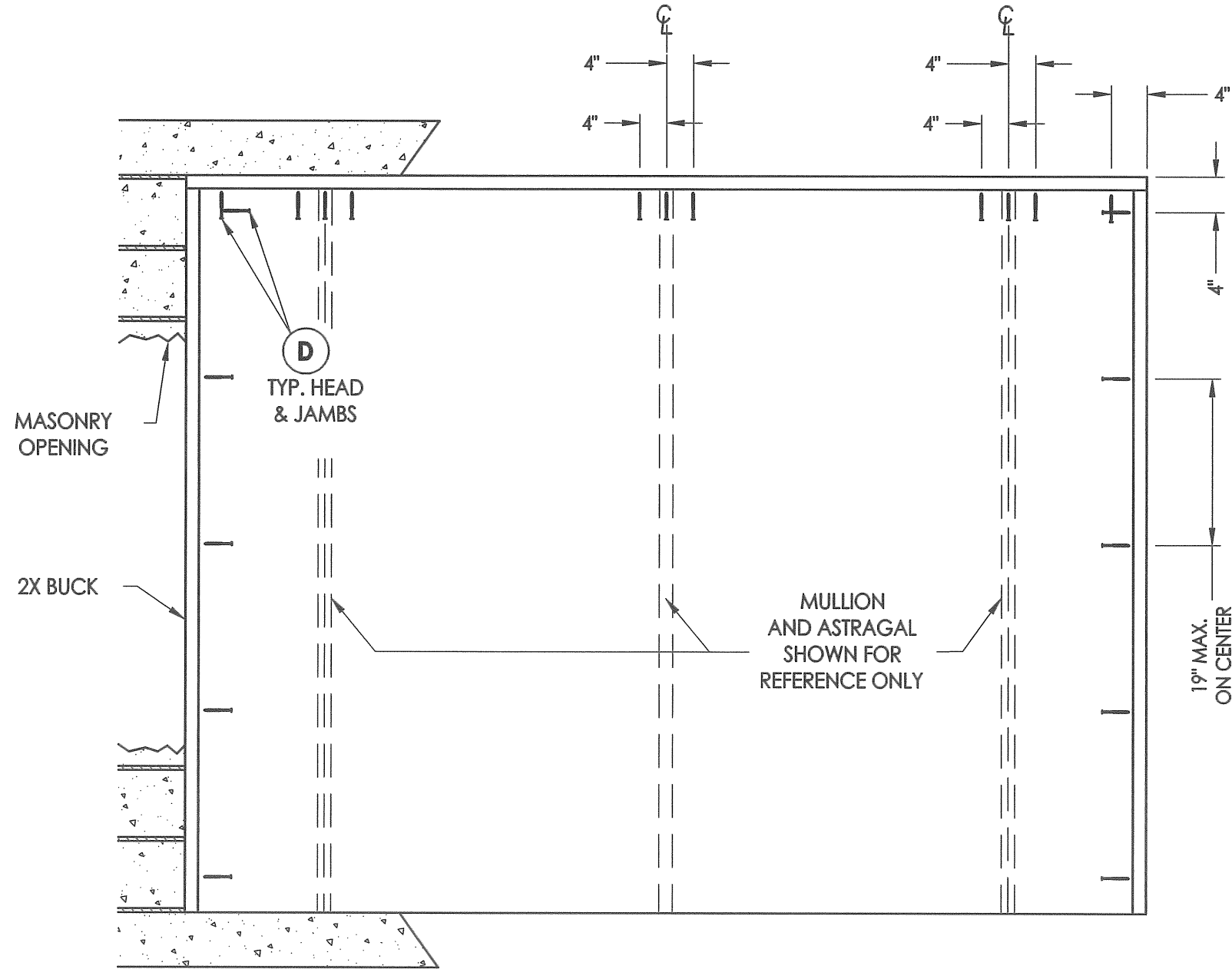
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RF 2.17.12
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT:
PLASTPRO INC.
FIBERGLASS DOOR
PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.18
SHEET 6 OF 11



BUCK ANCHORING

CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If concrete anchor locations noted as "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" dimensions are 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"	2-1/2"	3"
ELCO	1/4"	1-1/4"	1"	4"

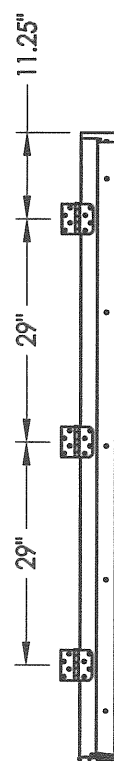
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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
 PART OR ASSEMBLY: BUCK ANCHORING

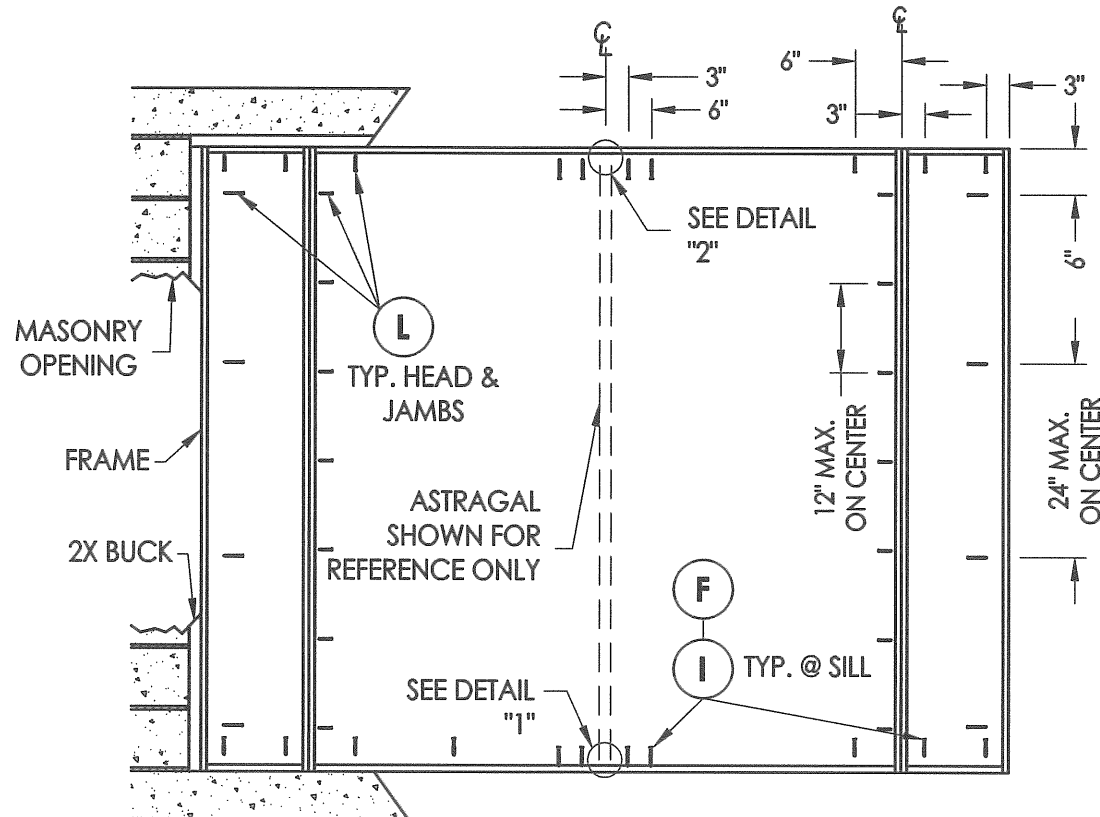
NO.	DATE	BY	REVISIONS

DATE: 02/16/12
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-15213.18
 SHEET 7 OF 11

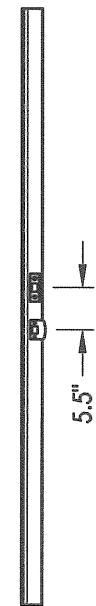
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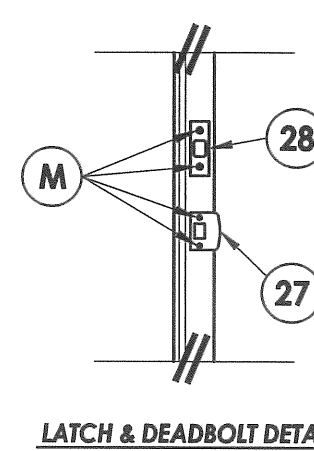
HINGE JAMB



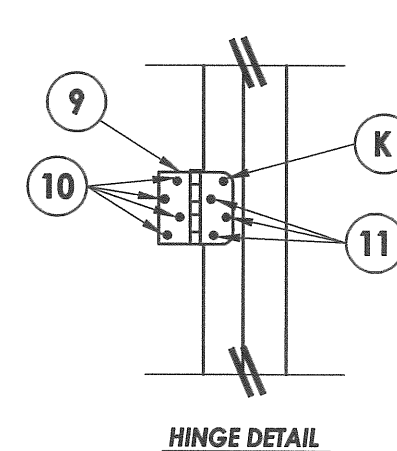
FRAME ANCHORING
Masonry 2X buck construction



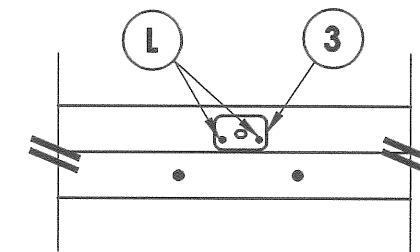
ASTRAGAL STRIKE JAMB



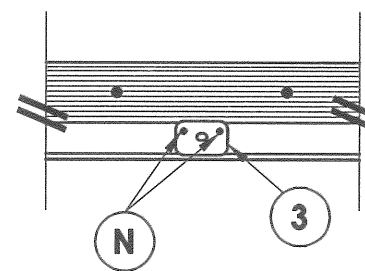
LATCH & DEADBOLT DETAIL



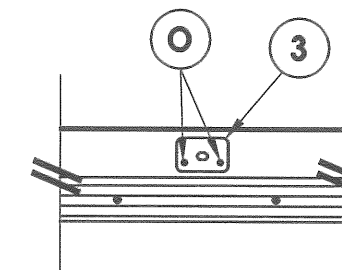
HINGE DETAIL



DETAIL 2



DETAIL 1
Inswing configuration



DETAIL 1
Outswing configuration

CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If concrete anchor locations noted as "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" dimensions are not exceeded.
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ITW	1/4"	1-1/4"	2-1/2"	3"
ITW	3/16"	1-1/4"	2-5/8"	2-1/4"

Documents Prepared By:

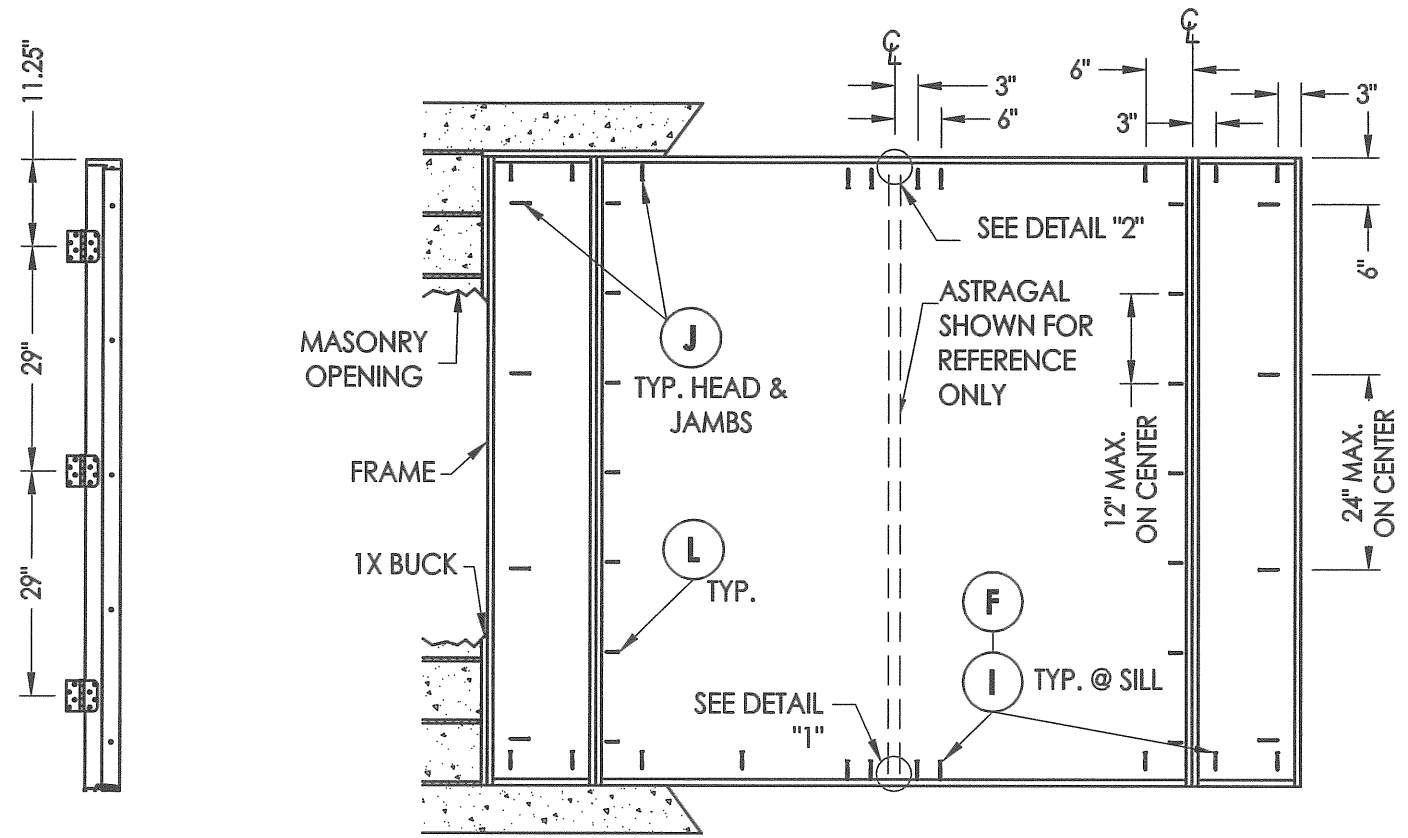
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Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
CFR 2017-12
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR
PART OR ASSEMBLY: FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION

NO.	DATE	BY	REVISIONS

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.18
SHEET 8 OF 11

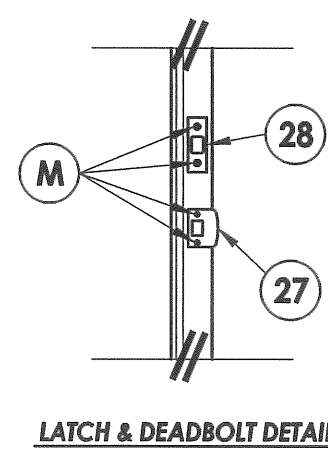
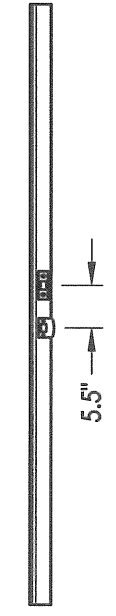
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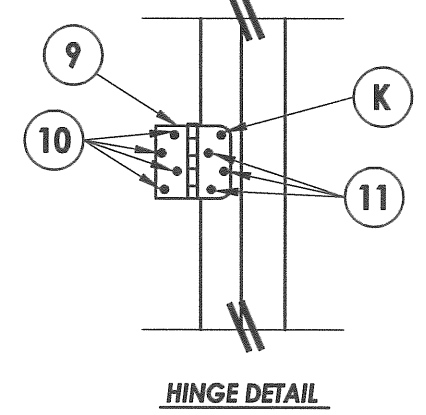
HINGE JAMB

FRAME ANCHORING
Masonry 1X buck construction

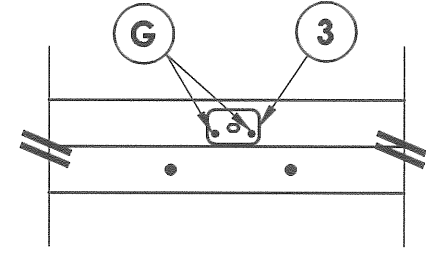
ASTRAGAL STRIKE JAMB



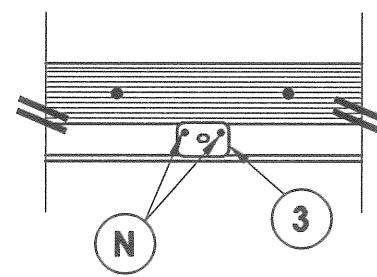
LATCH & DEADBOLT DETAIL



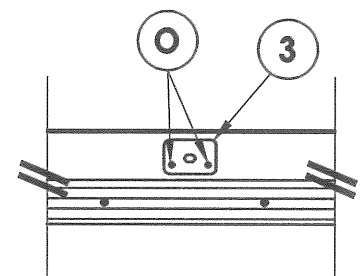
HINGE DETAIL



DETAIL 2



DETAIL 1
Inswing configuration



DETAIL 1
Outswing configuration

CONCRETE ANCHOR NOTES:

1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
2. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints. If concrete anchor locations noted as "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" dimensions are not exceeded.
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ITW	1/4"	1-1/4"	2-1/2"	3"
ITW	3/16"	1-1/4"	2-5/8"	2-1/4"

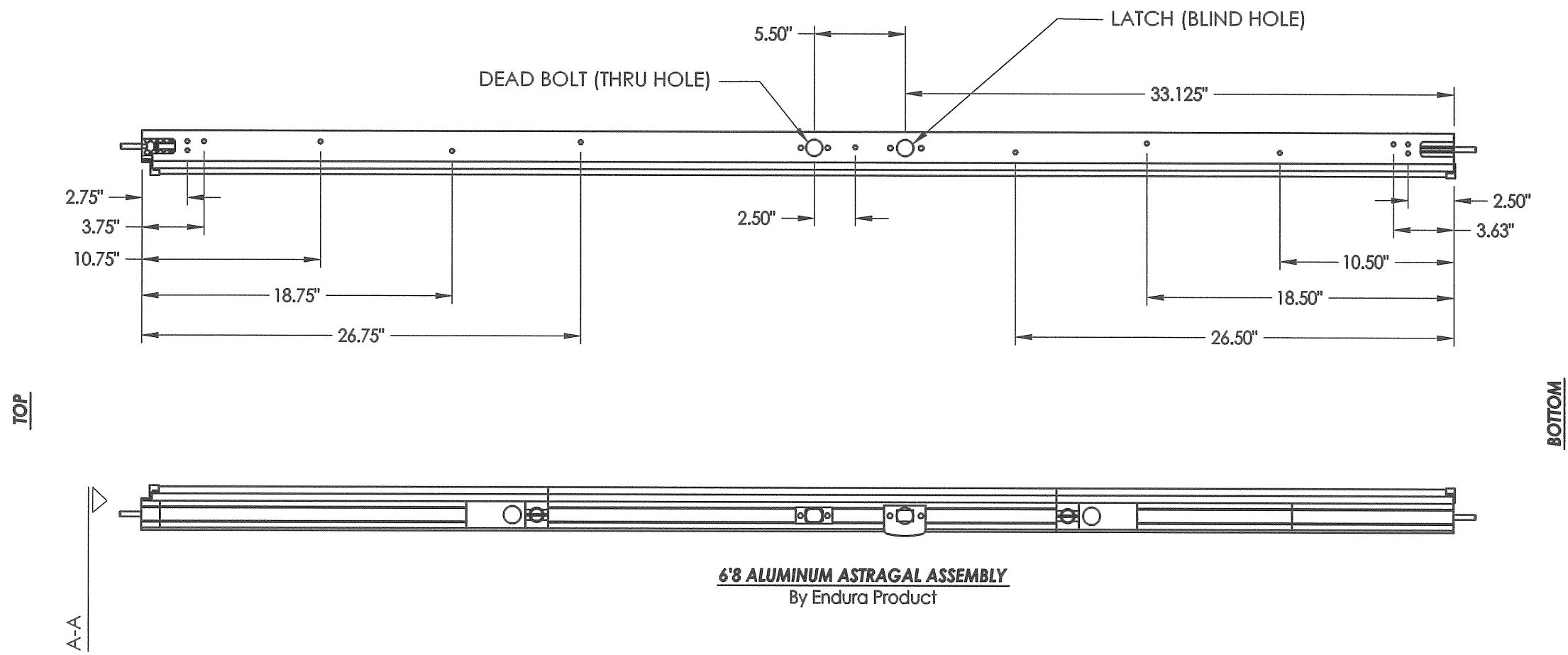
Documents Prepared By: **RW BUILDING CONSULTANTS, INC.**
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Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: **PLASTPRO INC. FIBERGLASS DOOR**
PART OR ASSEMBLY: **FRAME ANCHORING 1X BUCK MASONRY CONSTRUCTION**

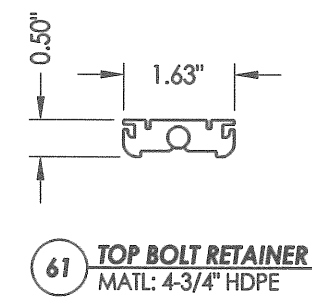
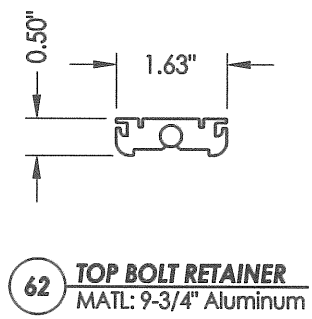
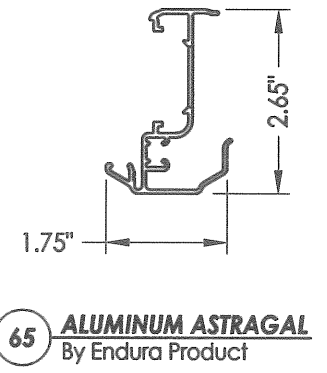
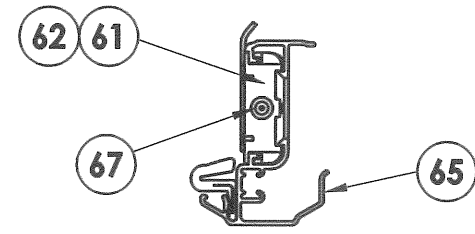
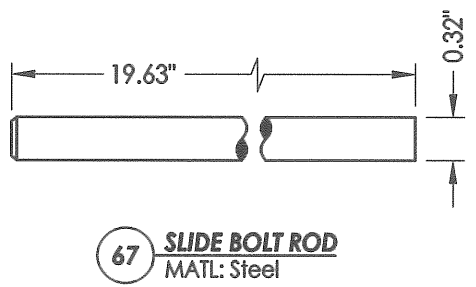
NO.	DATE	REVISIONS	BY

DATE: 02/16/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.18
SHEET 9 OF 11

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6'8 ALUMINUM ASTRAGAL ASSEMBLY
By Endura Product



Documents Prepared By:
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LFS 2.17.12
Lyndon F. Schmidt, P.E. No. 43409

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

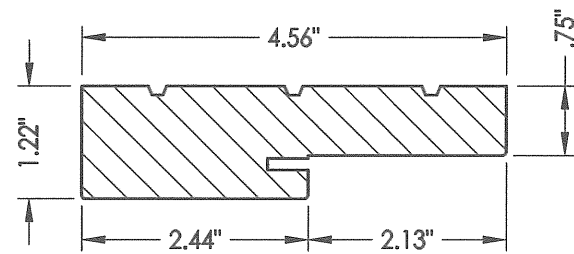
NO.	DATE	BY	REVISIONS

DATE: 9/4/08
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SHEET 10 OF 11

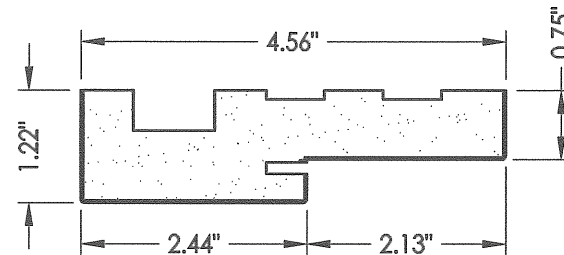
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BILL OF MATERIALS

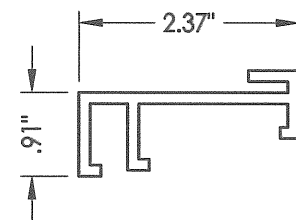
ITEM	DESCRIPTION	MATERIAL	ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD	27	LATCH STRIKE PLATE	STEEL
B	2X BUCK SG >= 0.55	WOOD	28	DEADBOLT STRIKE PLATE	STEEL
C	1/4" MAX. SHIM SPACE	-	29	SIDELITE SPACER	PVC
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL	30	WEATHER-STOP 3647 HOLM INDUSTRIES	VINYL
E	MASONRY - 3,192 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE	31	OUTSWING BUMP THRESHOLD	ALUM. / WOOD
F	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL	32	VINYL DOOR BOTTOM SWEEP #3628 BY HOLM IND.	PVC
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL	33	INSWING ADJUSTABLE THRESHOLD BY ENDURA	ALUM. / WOOD
I	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL	34	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL	35	SHOE MOULD 5/8" X 3/8"	WOOD
K	#10 X 2" PFH WOOD SCREW	STEEL	40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
L	#10 X 2-1/2" PFH WOOD SCREW	STEEL	41	DOOR SKIN (MIN. 0.075" THICK)	FIBERGLASS
M	#8 X 2" PFH WOOD SCREW	STEEL	42	TOP RAIL	CELLULAR PVC
N	3/16" X 3-1/2" PFH ITW CONCRETE SCREW	STEEL	43	LATCH & HINGE STILE	CELLULAR PVC
O	3/16" X 1-1/2" PFH ITW CONCRETE SCREW	STEEL	44	LOCK REINFORCEMENT	WOOD
1	#10 X 2-1/2" PFH SMS	STEEL	45	BOTTOM RAIL	CELLULAR PVC
2	#8 X 3" PSH SMS	STEEL	46	POLYURETHANE FOAM BY NAN YA	POLYURETHANE
3	FLUSH BOLT STRIKE PLATE	STEEL	47	CONTINUOUS LATCH & HINGE STILE REINFORCEMENT	WOOD
7	FORCE 5 WEATHER STRIPPING BY ENDURA	FOAM	49	GLAZING COMPOUND DOW 995	SILICONE
8	COMPRESSION WEATHER STRIP QLON 650 BY SCHLEGEL	FOAM	50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
9	4" X 4" BUTT HINGE	STEEL	51	SIDELITE TOP & BOTTOM RAIL	CELLULAR PVC
10	#9 X 1" PFH WOOD SCREW	STEEL	55	LIP LITE ODL/WESTERN REFLECTIONS HP	POLYPROPYLENE
11	#9 X 3/4" PFH WOOD SCREW	STEEL	56	GLAZING SPACER	ALUM.
17	KWIKSET KEYED ENTRY - SIGNATURE SERIES	STEEL	57	#8 x 1-1/2" PFH LITE FRAME SCREW	STEEL
18	KWIKSET DEADBOLT - SIGNATURE SERIES (780)	STEEL	61	4-3/4" LENGTH TOP BOLT RETAINER	HDPE
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD	62	9-3/4" LENGTH TOP BOLT RETAINER	ALUMINUM
21	POLYFIBER JAMB	COMP. / VINYL	65	ASTRAGAL BY ENDURA PRODUCTS	ALUMINUM
			67	SLIDE BOLT ROD	STEEL



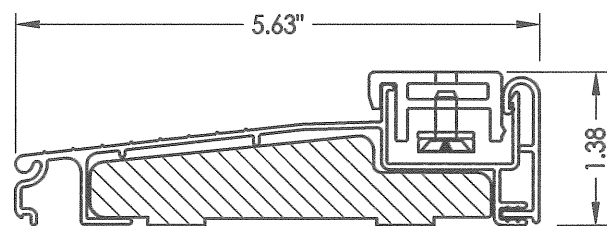
20 HEAD & SIDE Jamb



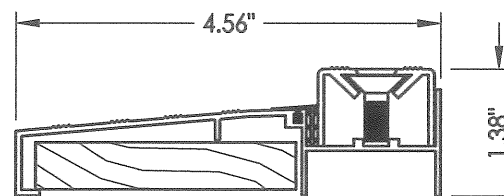
21 HEAD & SIDE Poly fiber jamb



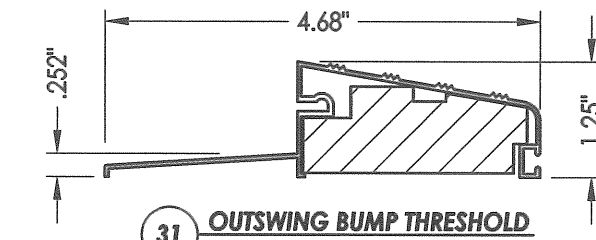
29 SIDELITE SPACER



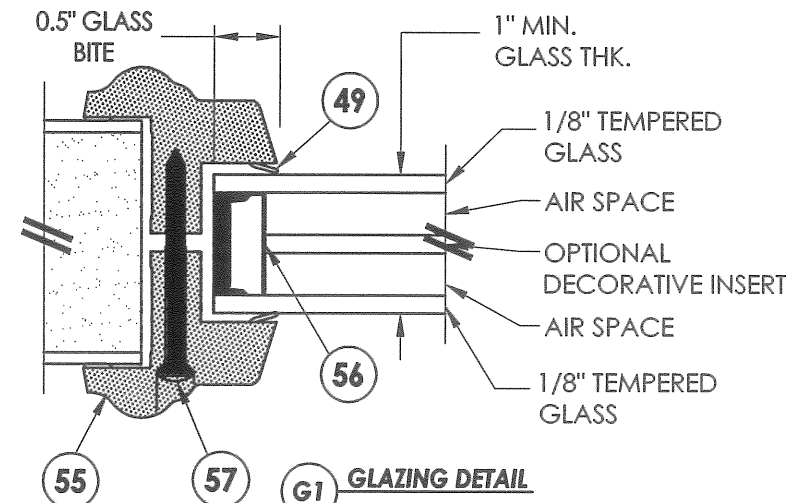
33 ADJUSTABLE INSWING THRESHOLD



34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



G1 GLAZING DETAIL

Documents Prepared By:

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Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
LFS 2.17.12
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: PLASTPRO INC. FIBERGLASS DOOR

PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 9/8/08
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15213.18
SHEET 11 of 11