

# 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.

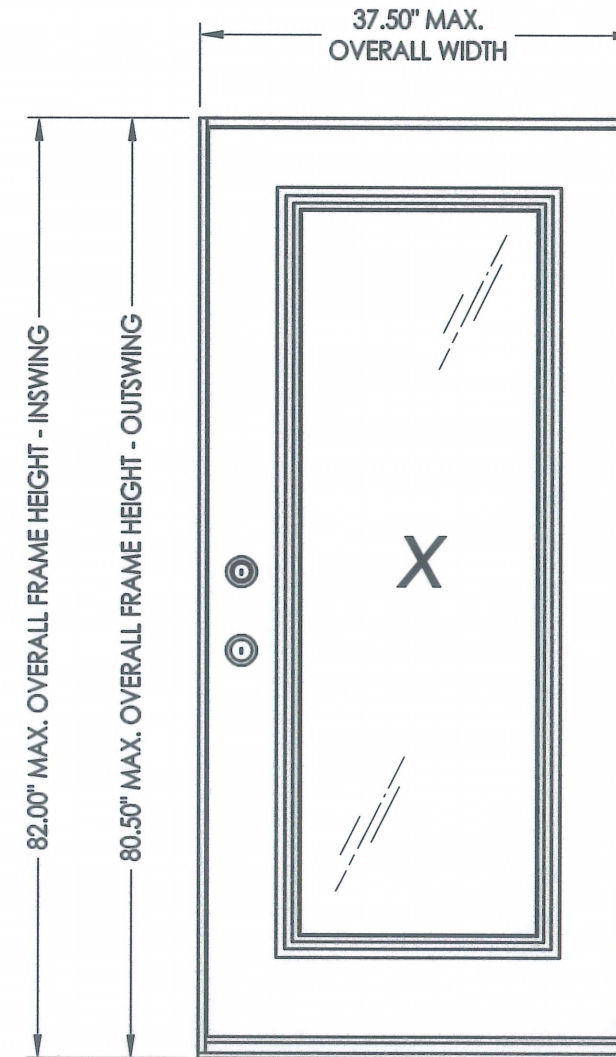


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2	Door panel details
3	Horizontal cross sections
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5	Buck and frame anchoring - 2X buck masonry construction
6	Frame anchoring - 1X buck masonry construction
7	Bill of Materials, glazing detail & components

SWING	MAX. FRAME DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
INSWING	37.50" x 82.00"	G1	+47.0	-50.0
OUTSWING	37.50" x 80.50"		+50.0	-50.0

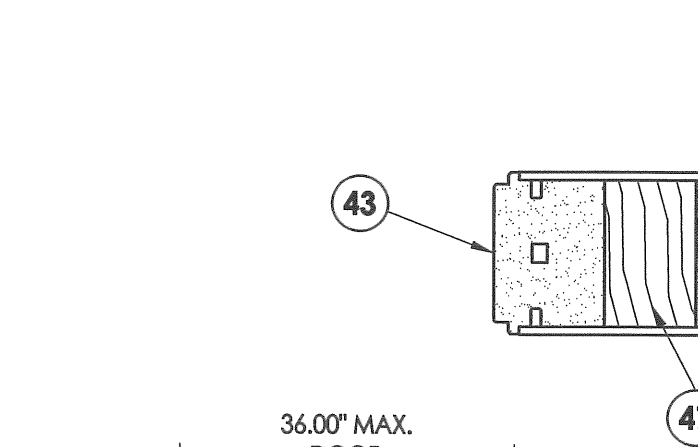
Documents Prepared By:

**RW** BUILDING CONSULTANTS, INC.  
P.O. Box 230 Vairco FL, 33595  
Phone No.: 813.659.9197  
Florida Board of Professional Engineers  
Certificate of Authorization No. 9813  
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Lyndon F. Schmidt, P.E. No. 43409

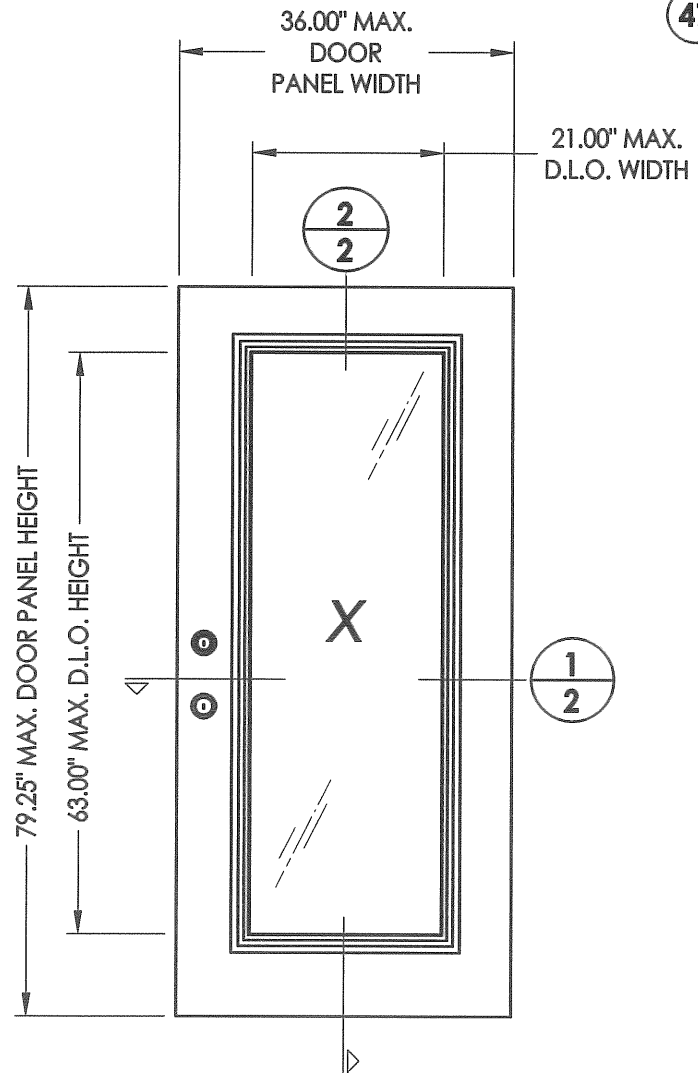
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR  
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

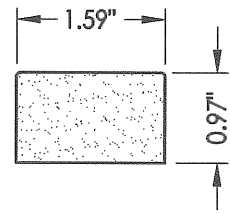
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SCALE: N.T.S.  
DWG. BY: JK  
CHK. BY: LFS  
DRAWING NO.: FL-15213.14  
SHEET 1 OF 7



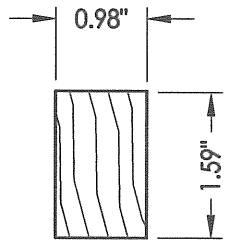
**1**  
**2** HORIZONTAL CROSS SECTION



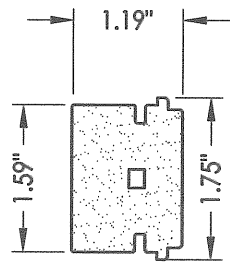
**40** DOOR PANEL



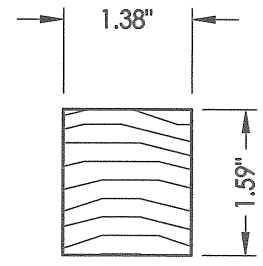
**42** TOP RAIL  
Cellular PVC



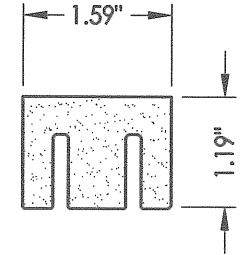
**47** LATCH & HINGE STILE  
Wood reinforcement



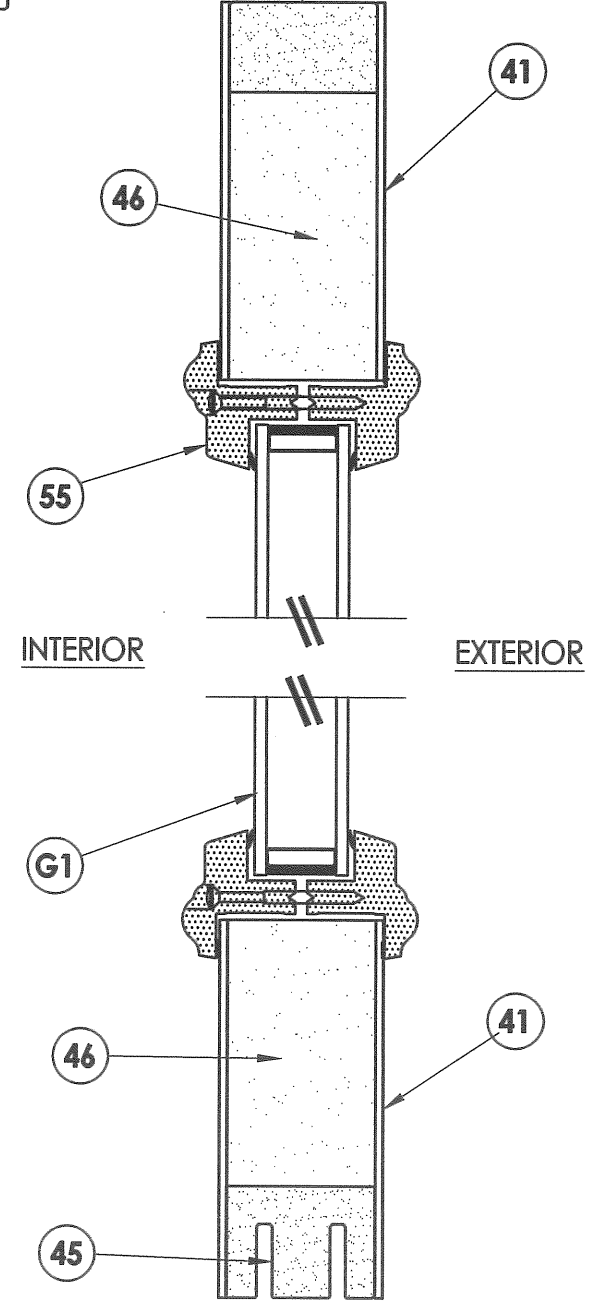
**43** HINGE & LATCH STILE  
Cellular PVC



**44** REINFORCEMENT WOOD  
For lock



**45** BOTTOM RAIL  
Cellular PVC



**2**  
**2** VERTICAL CROSS SECTION

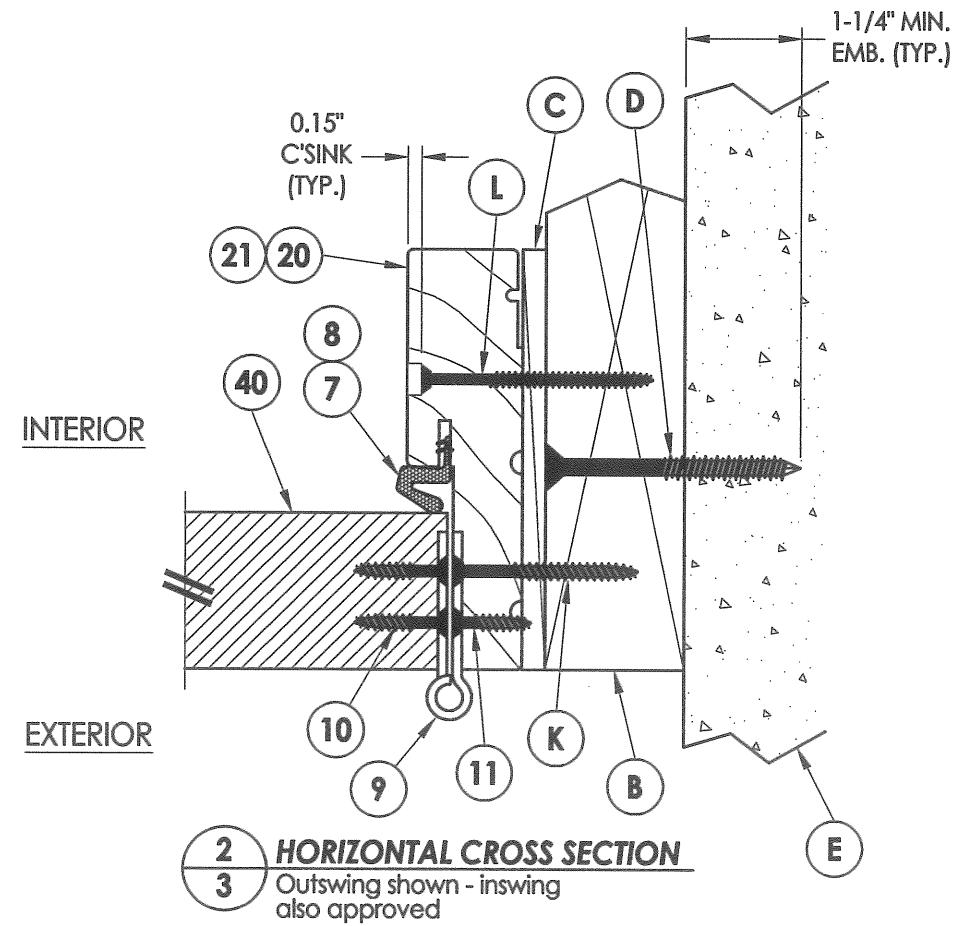
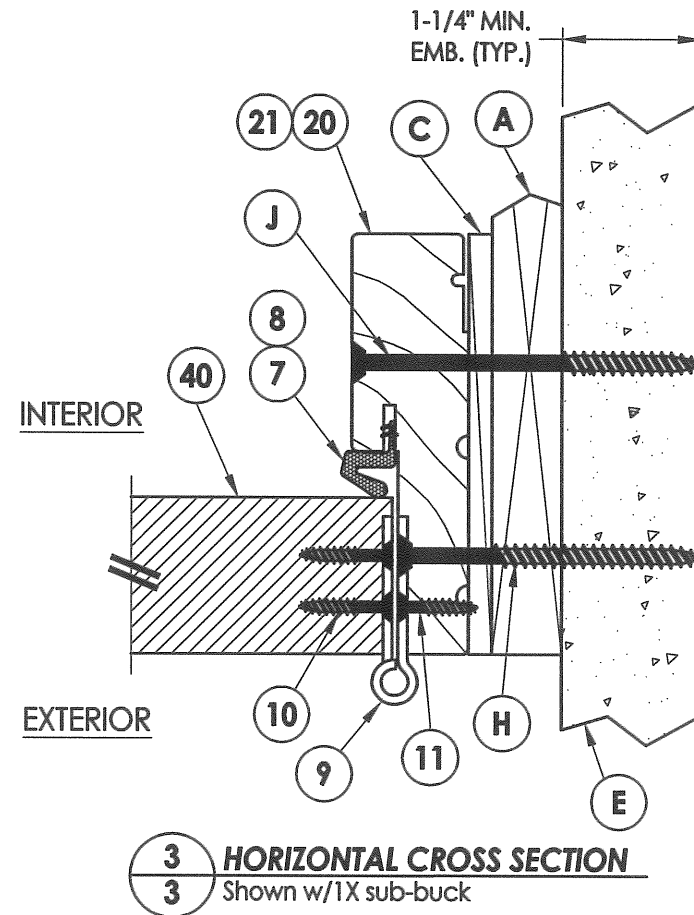
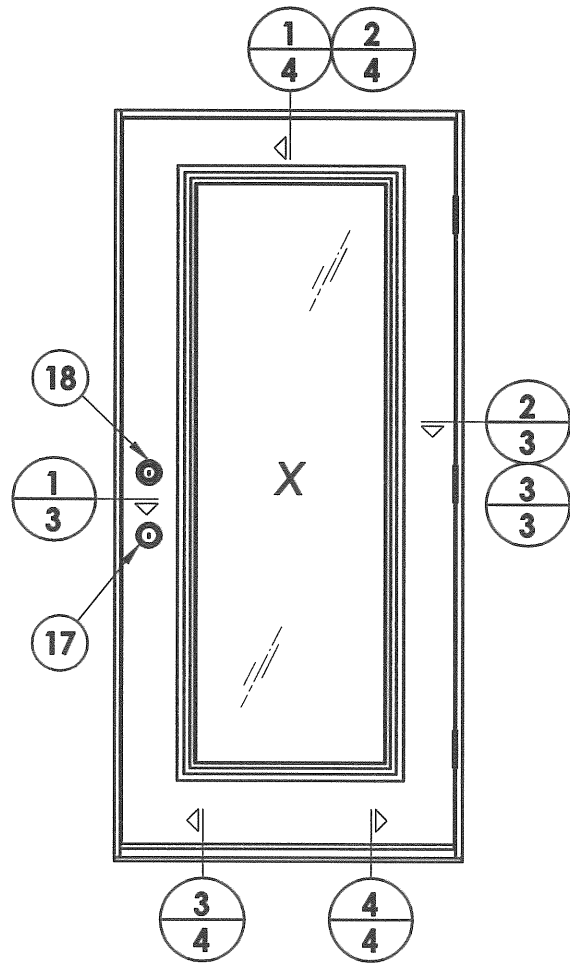
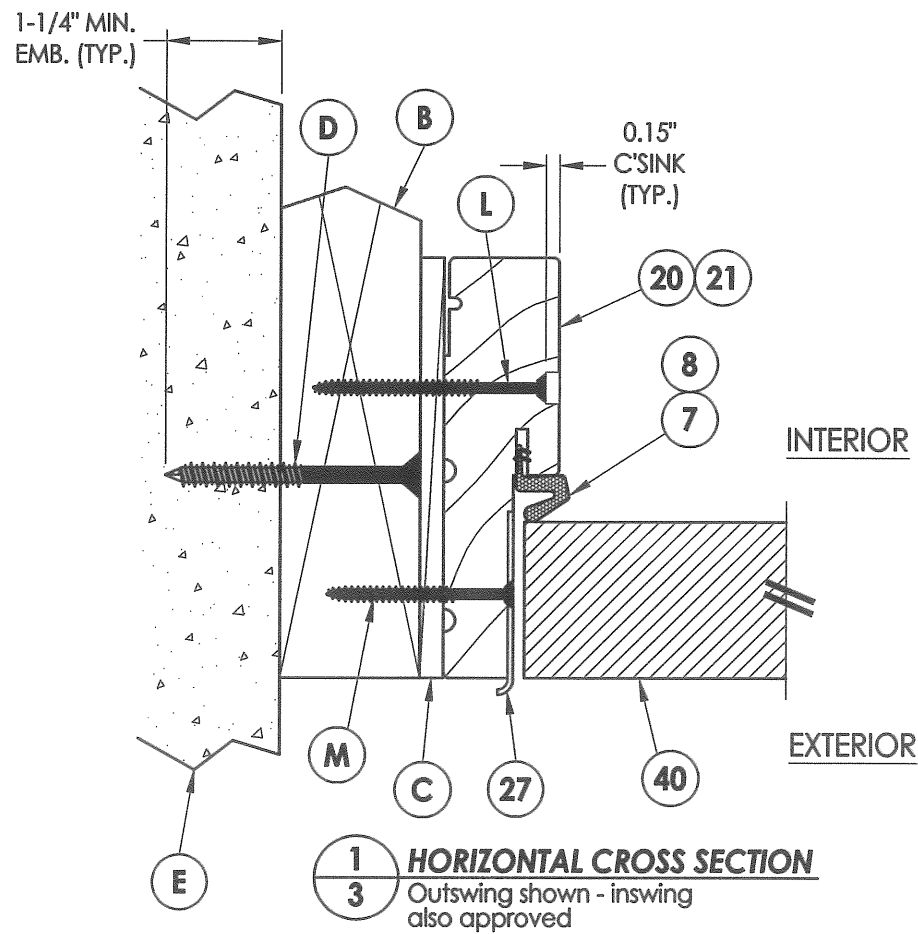
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NO.	DATE

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 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-15213.14  
 SHEET 2 OF 7

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

Documents Prepared By: **RW** BUILDING CONSULTANTS, INC.  
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 Certificate Of Authorization No. 9813  
 Lyndon F. Schmidt, P.E. No. 43409





PRODUCT:

PLASTPRO INC.  
 FIBERGLASS DOOR

PART OR ASSEMBLY:

HORIZONTAL CROSS SECTIONS

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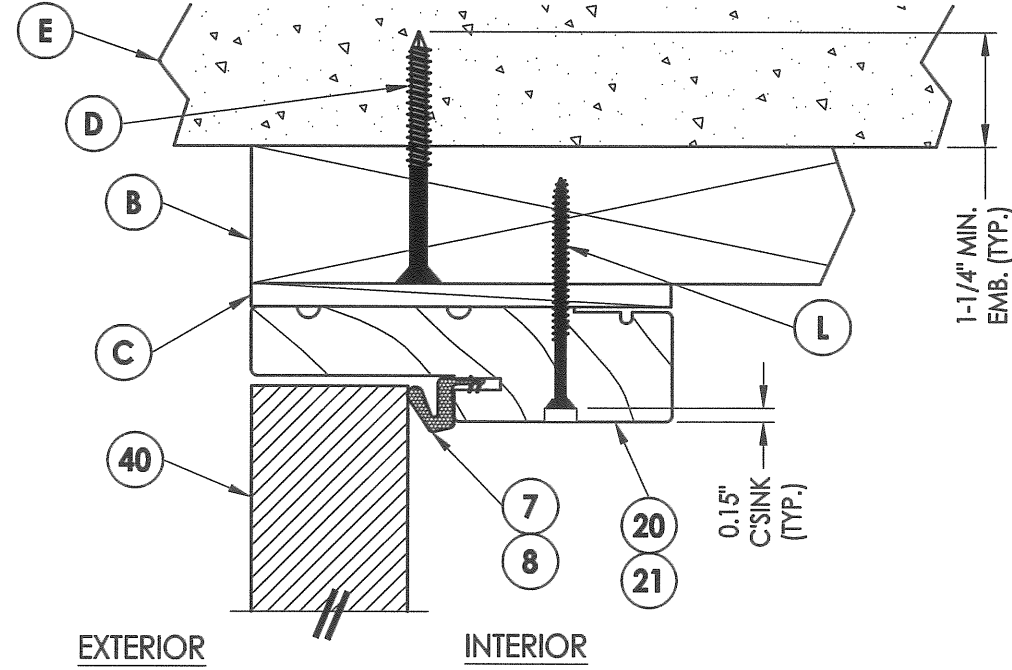
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DRAWING NO.:  
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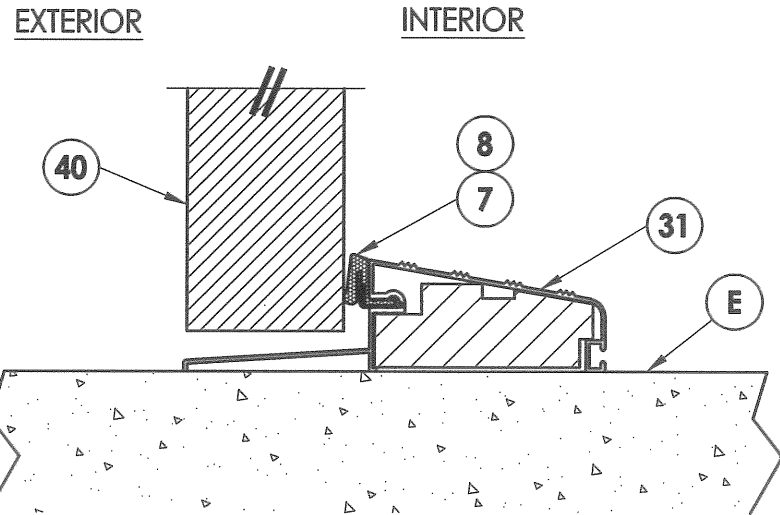
SHEET 3 OF 7

REVISIONS

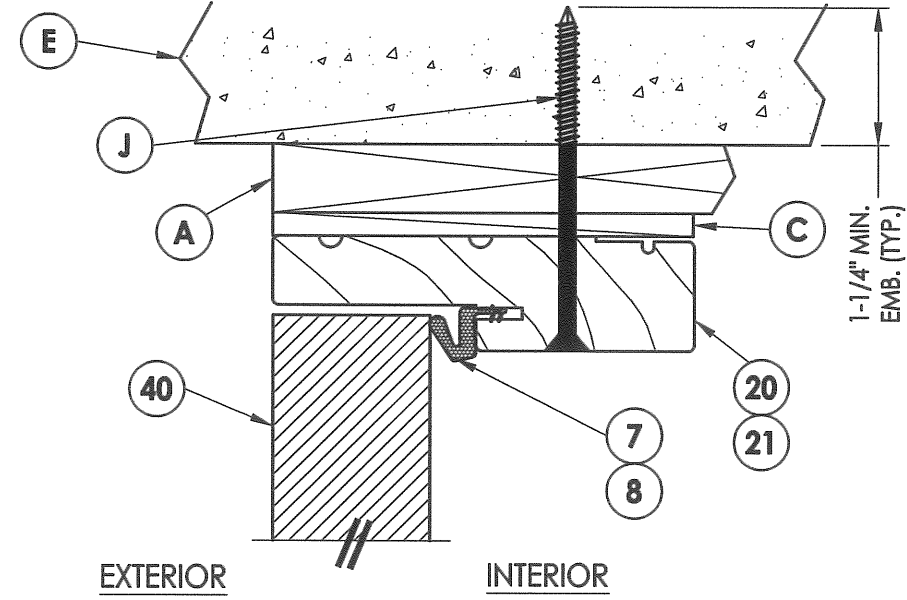
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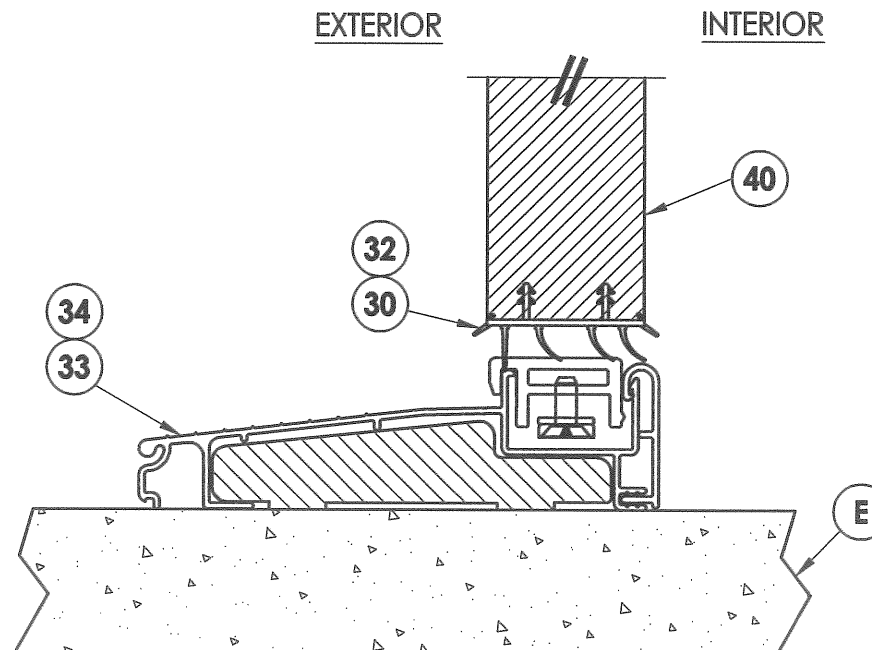
**1 VERTICAL CROSS SECTION**  
**4** Outswing shown - inswing also approved



**3 VERTICAL CROSS SECTION**  
**4** Outswing configuration



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



**4 VERTICAL CROSS SECTION**  
**4** Inswing configuration

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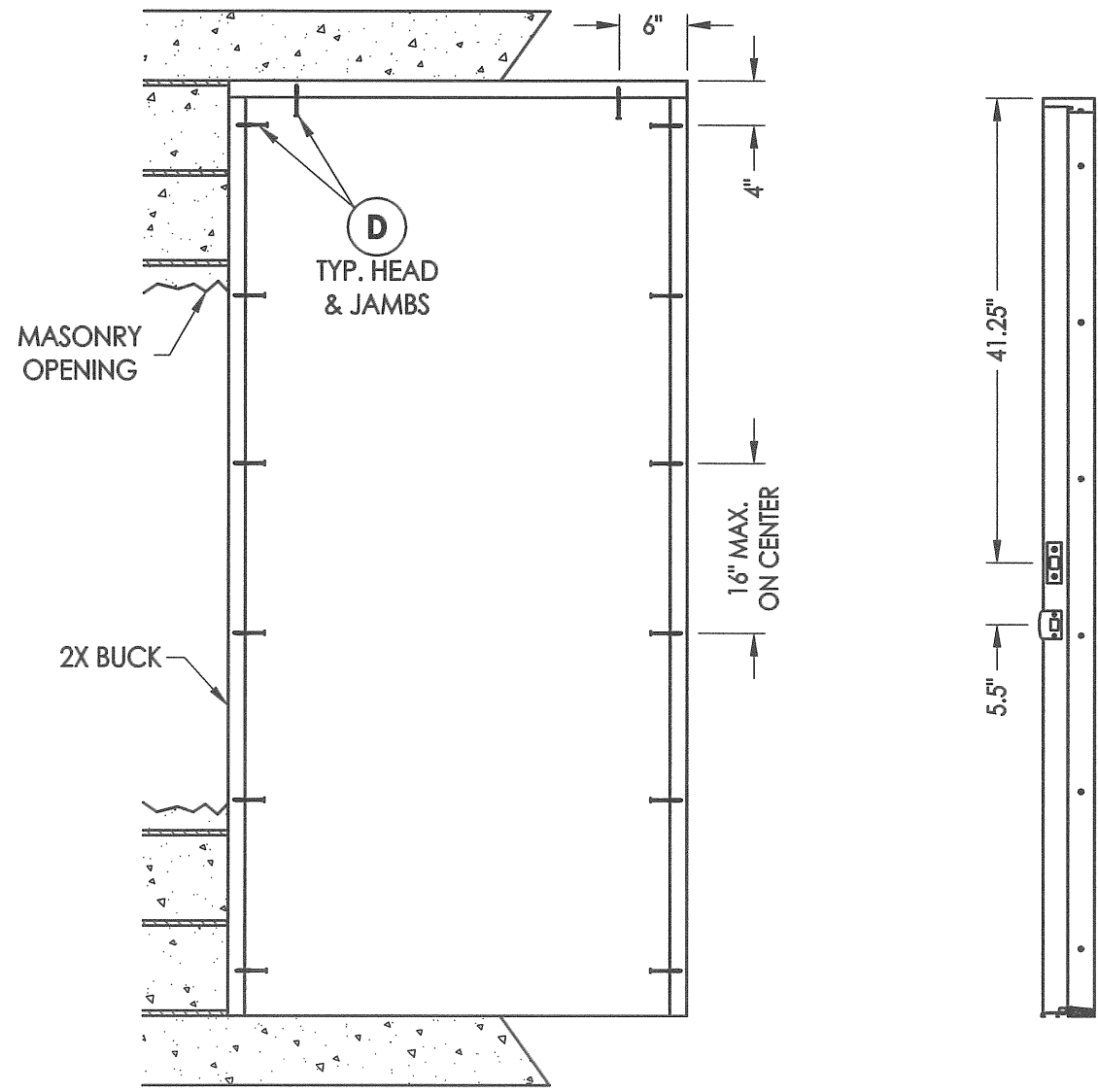
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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR  
 PART OR ASSEMBLY: VERTICAL CROSS SECTIONS

NO.	DATE	BY	REVISIONS

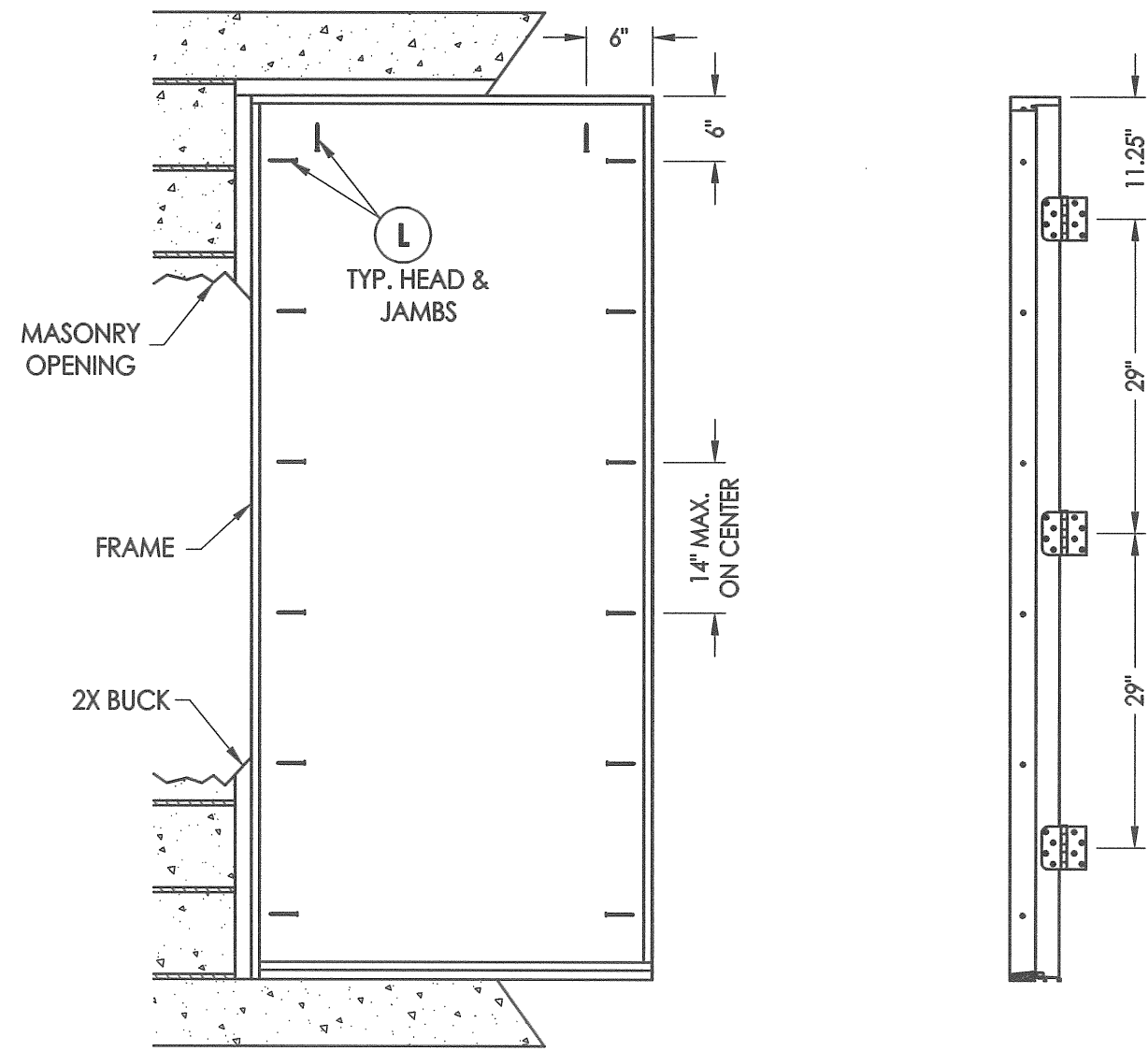
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 CHK. BY: LFS  
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 SHEET 4 OF 7

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**BUCK ANCHORING**

**STRIKE JAMB**



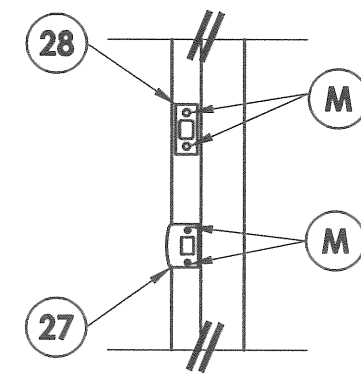
**FRAME ANCHORING**  
Masonry 2X buck construction

**HINGE JAMB**

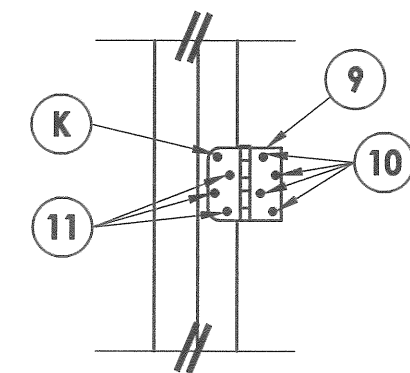
**CONCRETE ANCHOR NOTES:**

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"



**LATCH & DEADBOLT DETAIL**



**HINGE DETAIL**

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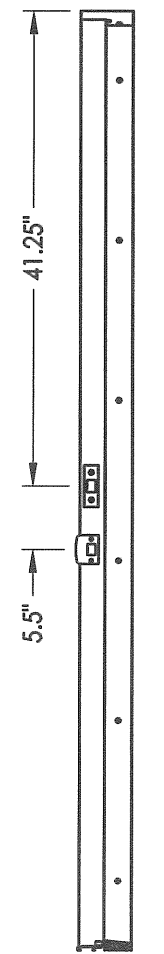
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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR  
 PART OR ASSEMBLY: BUCK AND FRAME ANCHORING 2X BUCK MASONRY CONSTRUCTION

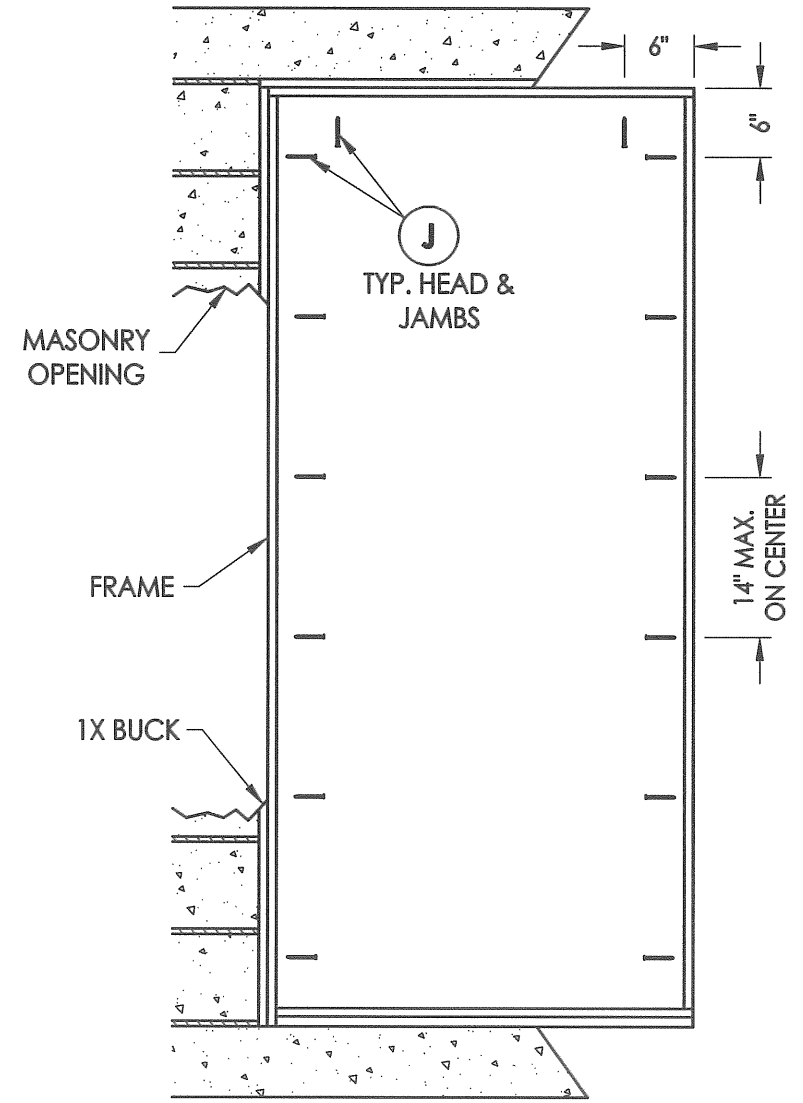
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DATE: 02/16/12  
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 SHEET 5 OF 7

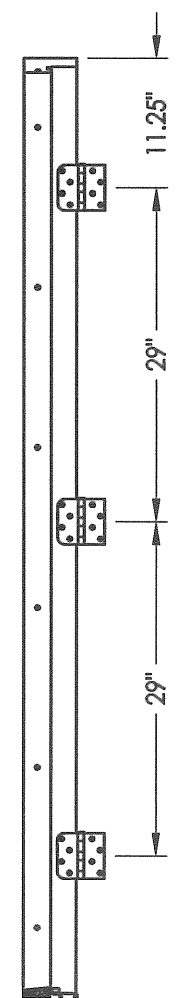
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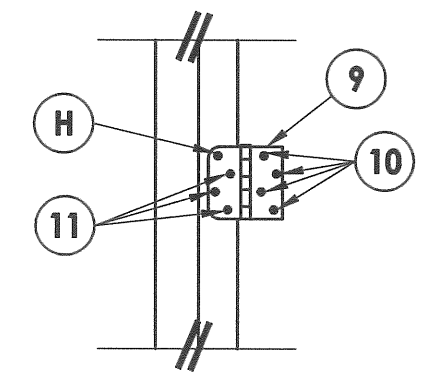
**STRIKE JAMB**



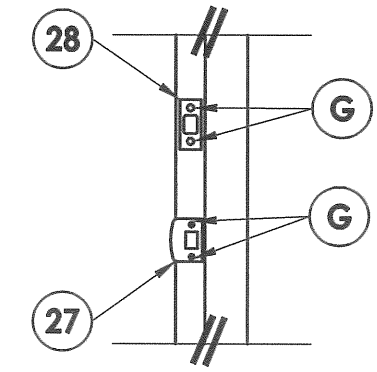
**FRAME ANCHORING**  
Masonry 1X buck construction



**HINGE JAMB**



**HINGE DETAIL**



**LATCH & DEADBOLT DETAIL**

**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"
ITW	3/16"	1-1/4"	2-5/8"	2-1/4"

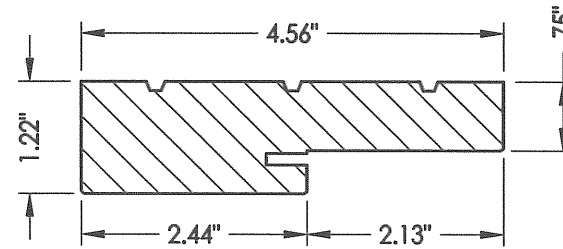
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PRODUCT:  
 PLASTPRO INC.  
 FIBERGLASS DOOR  
 PART OR ASSEMBLY:  
 FRAME ANCHORING 1X BUCK  
 MASONRY CONSTRUCTION

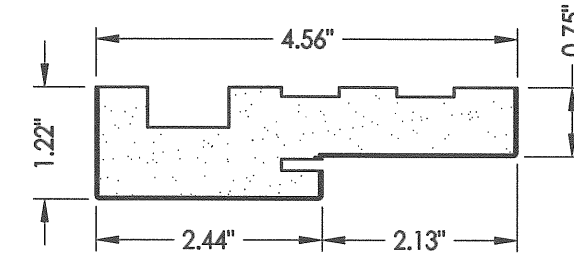
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DATE: 02/16/12  
 SCALE: N.T.S.  
 DWG. BY: JK  
 CHK. BY: LFS  
 DRAWING NO.: FL-15213.14  
 SHEET 6 OF 7

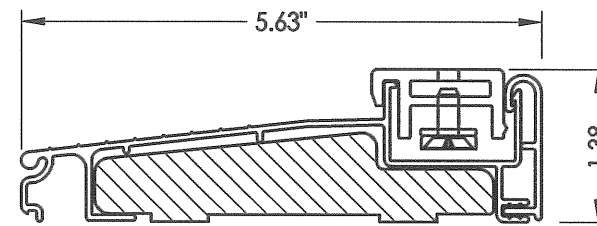
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,192 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH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



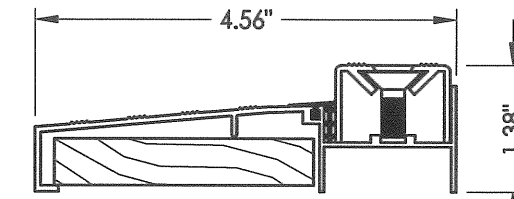
20 HEAD & SIDE Jamb



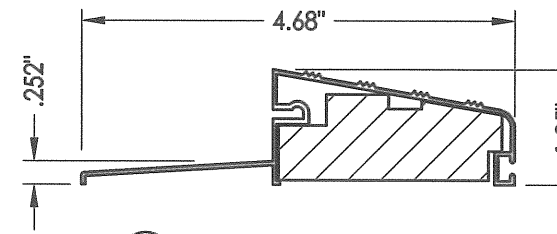
21 HEAD & SIDE Poly fiber jamb



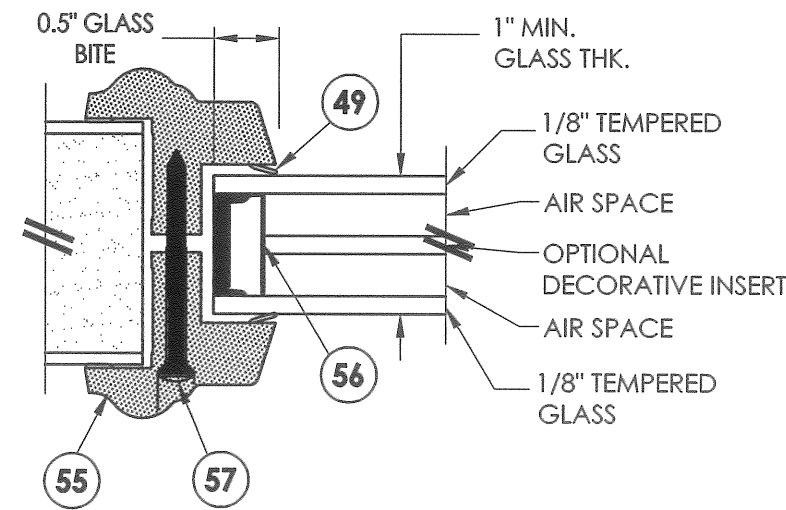
33 ADJUSTABLE INSWING THRESHOLD



34 ADJUSTABLE INSWING THRESHOLD



31 OUTSWING BUMP THRESHOLD



G1 GLAZING DETAIL

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 Lyndon F. Schmidt, P.E. No. 43409  
 2-17-12

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PRODUCT: PLASTPRO INC. FIBERGLASS DOOR  
 PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 02/16/12  
 SCALE: N.T.S.  
 DWG. BY: JK  
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 SHEET 7 OF 7

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