



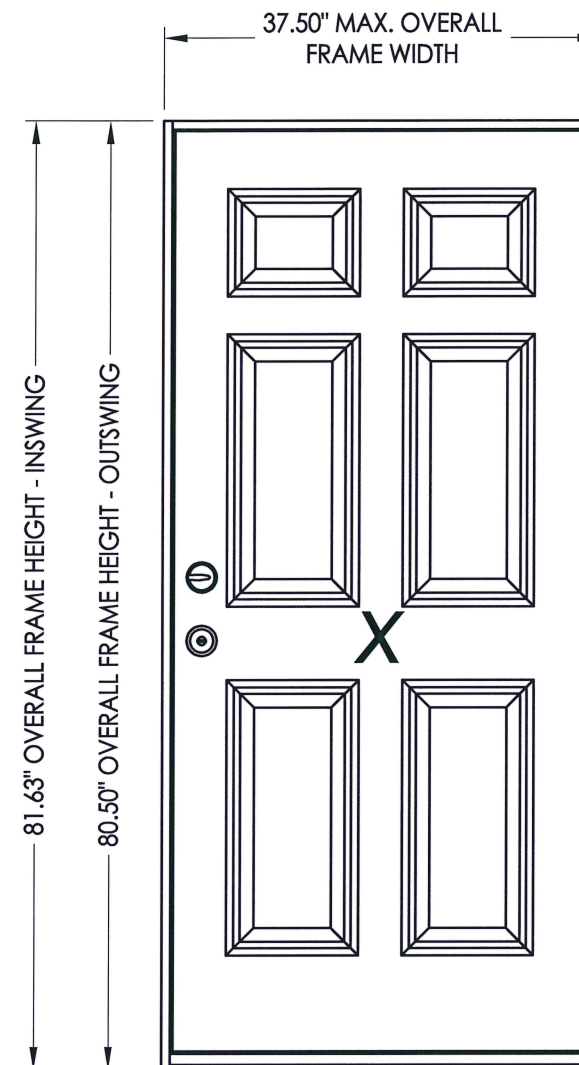
5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

Smooth / Wood Grain / White Wood Grain
Rustic / Mahogany
Series N Fiberglass Door
INSWING / OUTSWING
"NON-IMPACT"

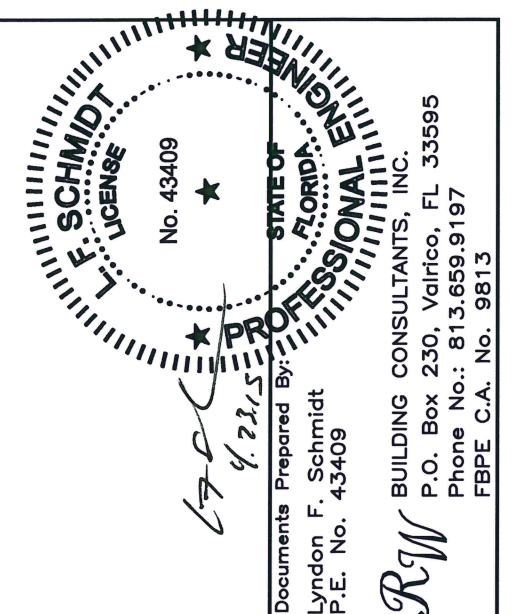
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 5th Edition (2014) 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 is required to be protected with an impact resistant covering that complies with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud framing 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.

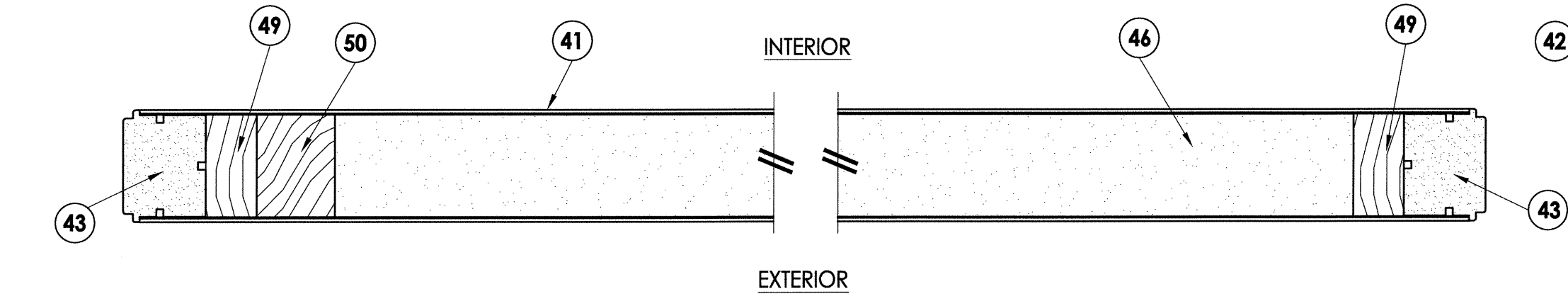
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures, & general notes
2	Door panel details
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring - 2X buck masonry construction
6	Frame anchoring - 1X buck masonry construction
7	Bill of materials & components



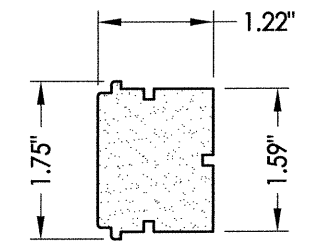
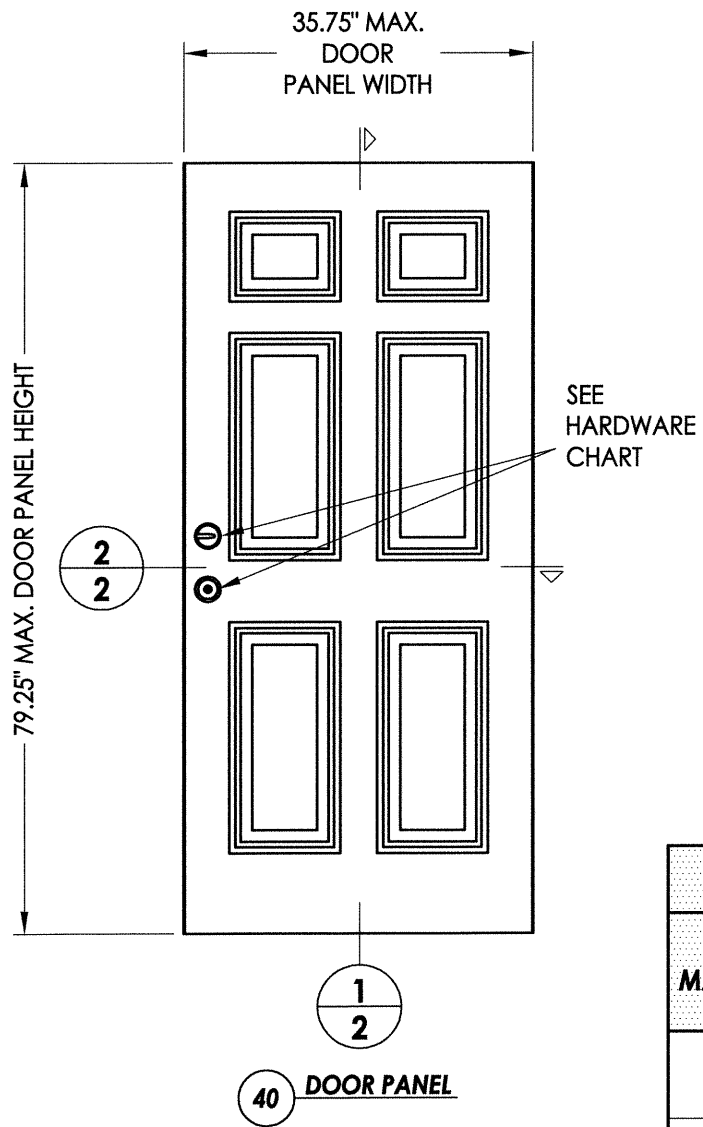
SWING	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSI)	
		POSITIVE	NEGATIVE
INSWING	37.50" x 81.63"	+50.0	-50.0
OUTSWING	37.50" x 80.50"	+50.0	-50.0

[illegible]

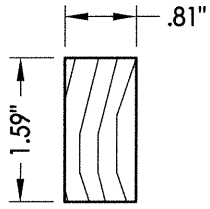
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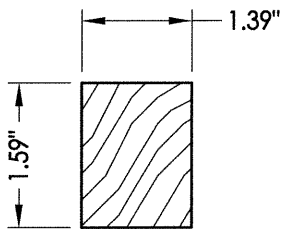
2
2 HORIZONTAL CROSS SECTION



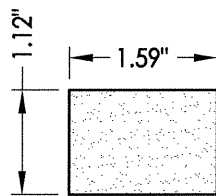
43 LATCH / HINGE STILE
Cellular pvc



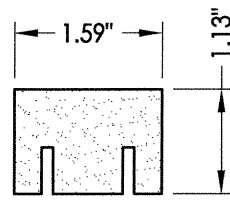
49 LATCH & HINGE STILE
Reinforcement



50 LOCK BLOCK
20\"/>

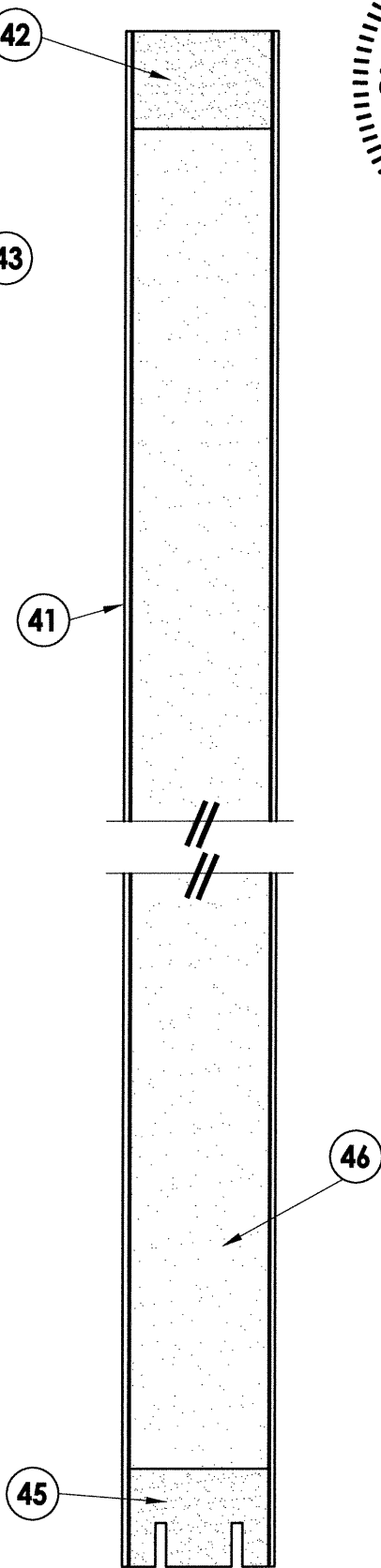


42 TOP RAIL
Cellular pvc

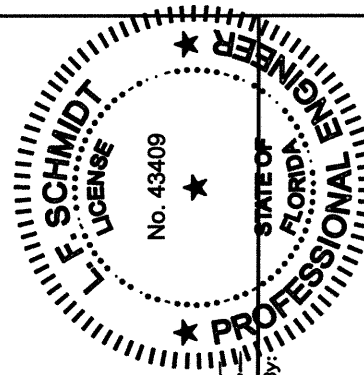


45 BOTTOM RAIL
Cellular pvc

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



1
2 VERTICAL CROSS SECTION



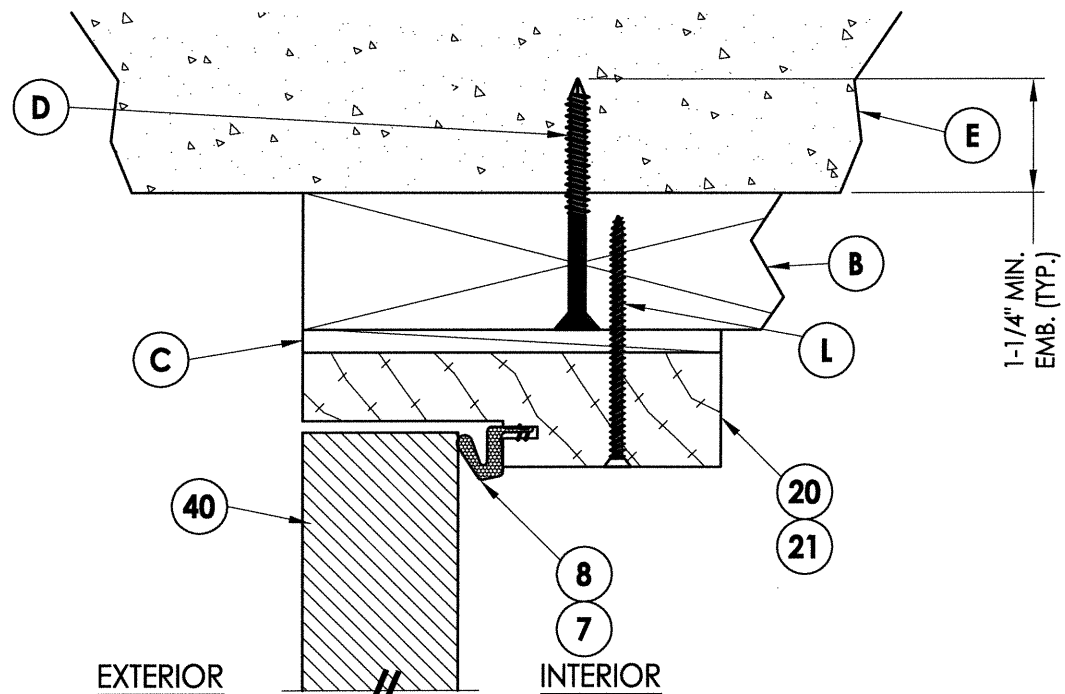
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

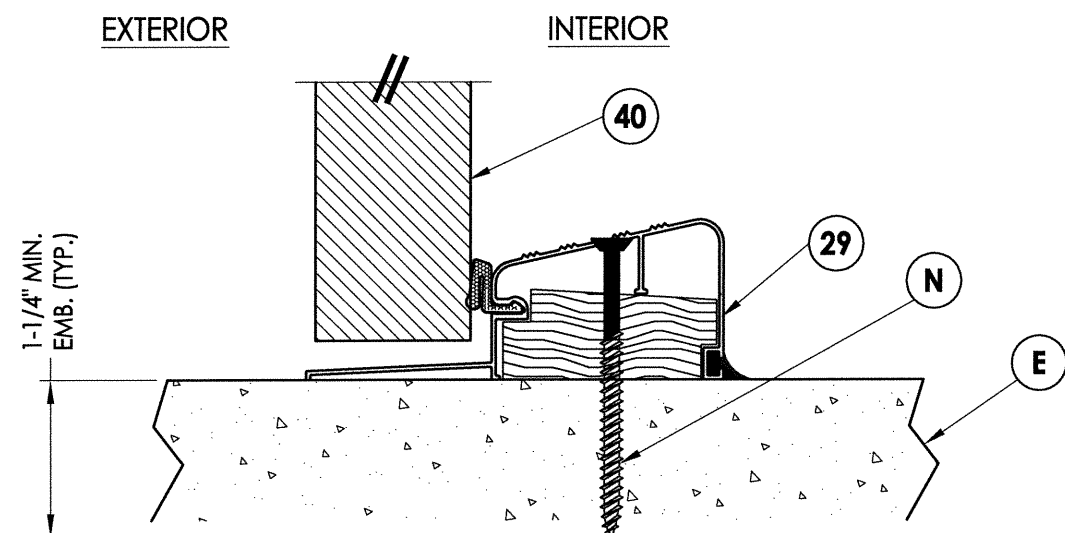
PRODUCT:	PLASTPRO INC. FIBERGLASS DOOR	
	PART OR ASSEMBLY: DOOR PANEL DETAILS	

REVISIONS	
NO.	DATE
1	04/22/15
UPDATE TO 5TH ED. (2014) FBC	
JK	BY

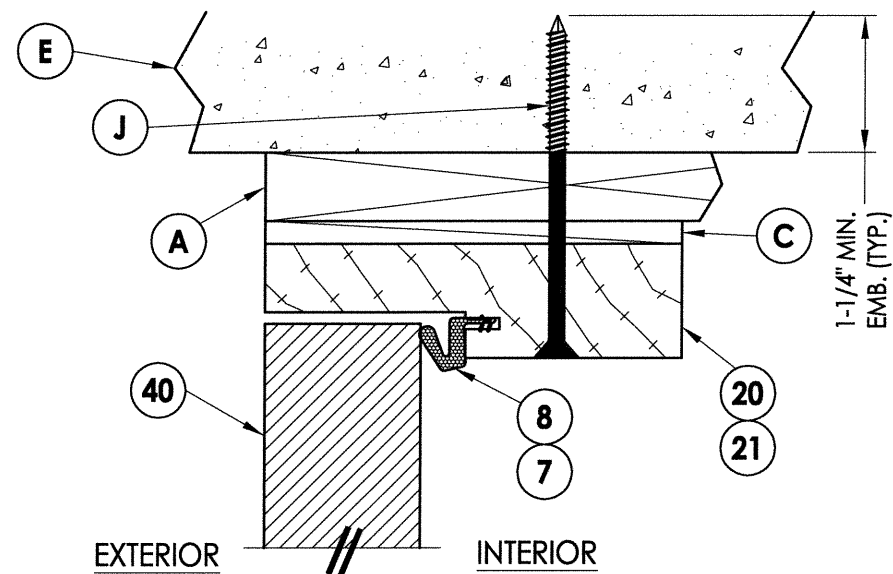
DATE:	02/20/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15220.6
SHEET	2 OF 7



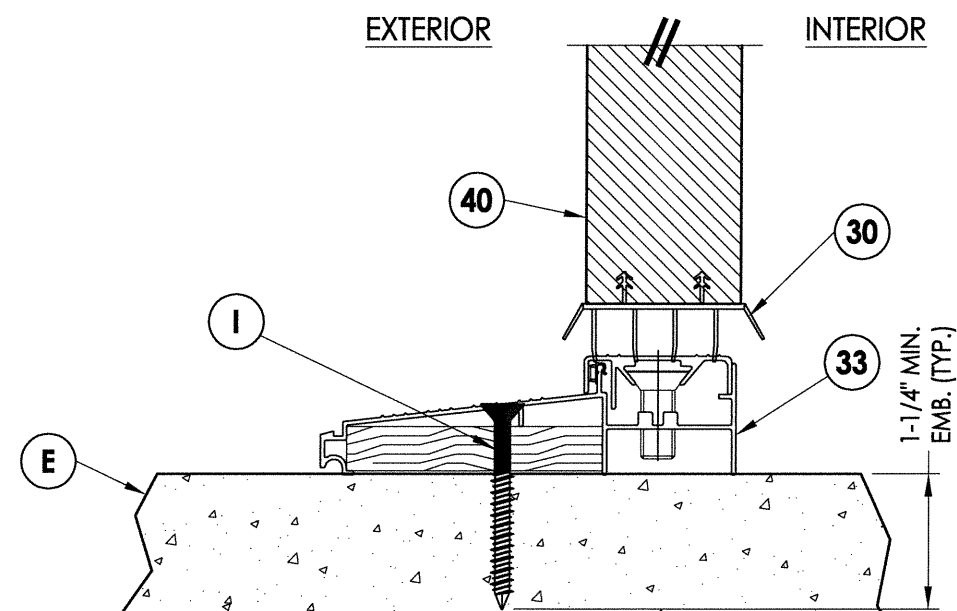
1 **VERTICAL CROSS SECTION**
4 Outswing shown - inswing
also approved



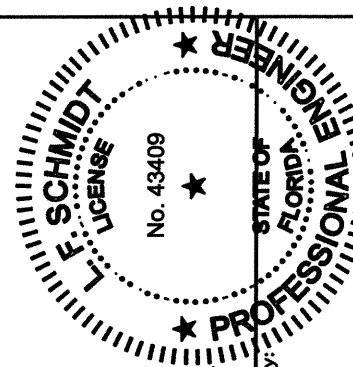
3 VERTICAL CROSS SECTION



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



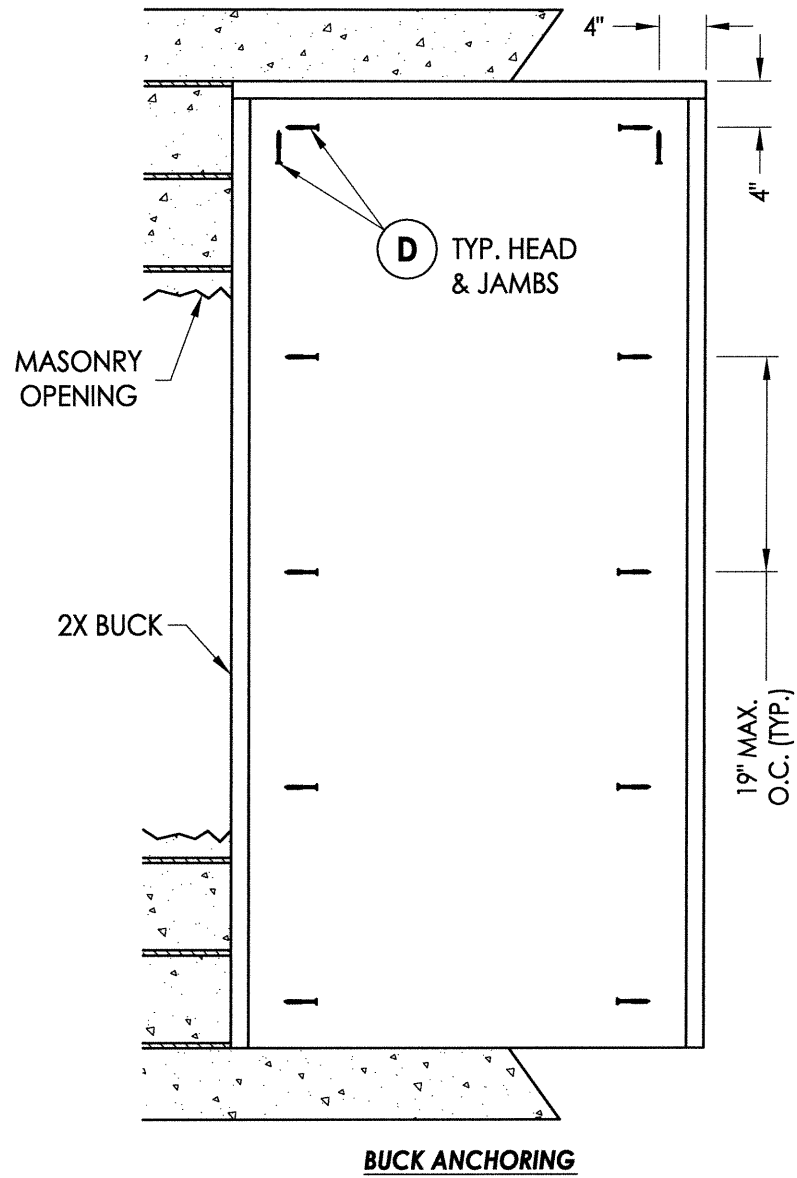
4 VERTICAL CROSS SECTION
4 Inswing configuration



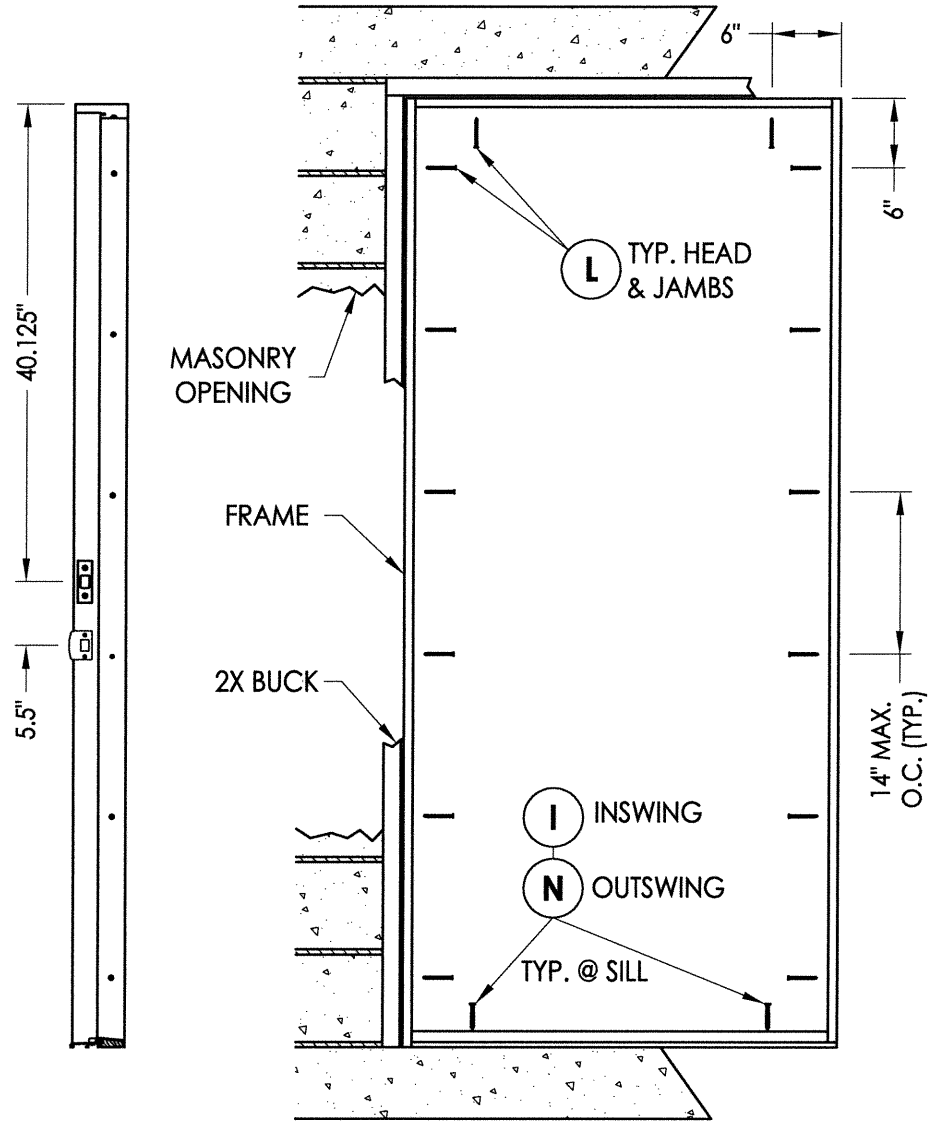
Documents Prepared By:
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R^gW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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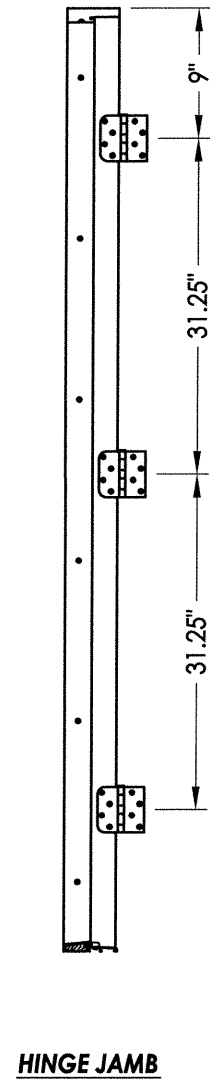
PRODUCT:		PLASTPRO INC. FIBERGLASS DOOR	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
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NO.	DATE		BY
REVISIONS			
DATE: 02/20/12			
SCALE: N.T.S.			
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.: FL-15220.6			
SHEET 4		OF 7	



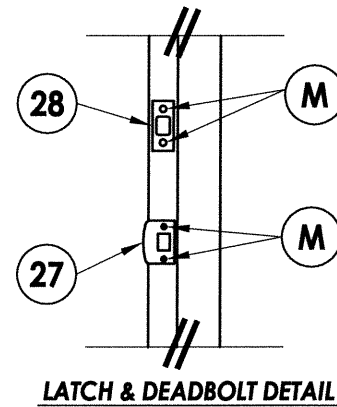
STRIKE JAMB



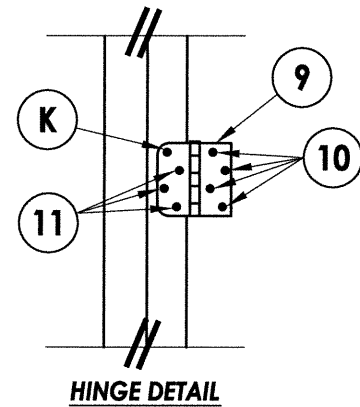
FRAME ANCHORING
Masonry 2X buck construction



HINGE JAMB



LATCH & DEADBOLT DETAIL



HINGE DETAIL

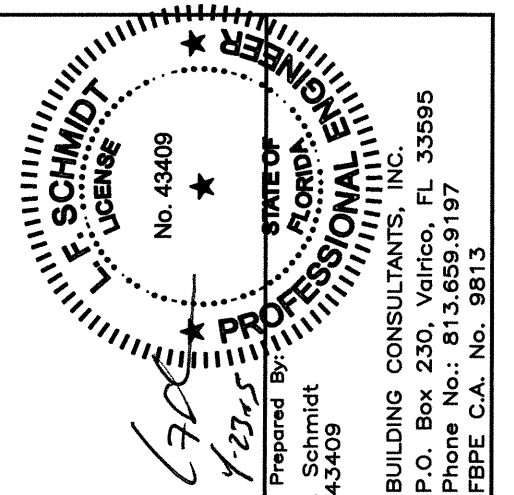
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations 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" dimension are not exceeded.
3. Concrete anchor table:

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"

WOOD SCREW INSTALLATION NOTES:

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



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

PRODUCT: PLASTPRO INC.
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING 2X
BUCK MASONRY CONSTRUCTION

1	04/22/15	UPDATE TO 5TH ED.	(2014)	FBC	JK	
NO.	DATE				BY	
						REVISIONS

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

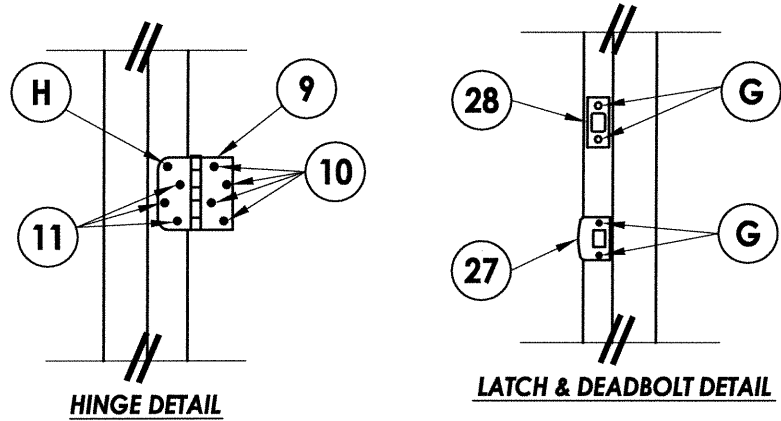
CHK. BY: LFS

DRAWING NO.:

FL-15220.6

SHEET 5 OF 7

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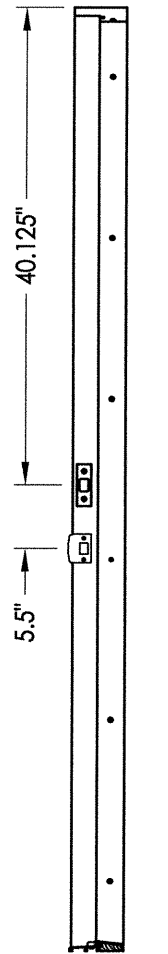
CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations 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" dimension are not exceeded.
3. Concrete anchor table:

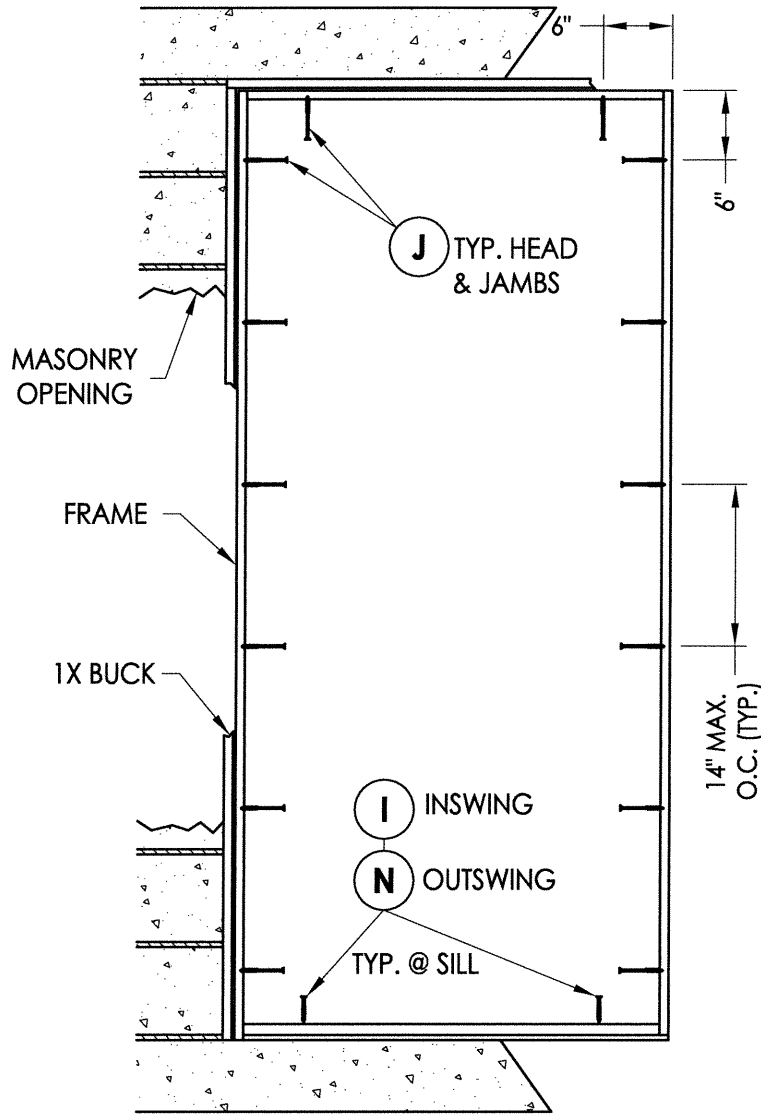
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

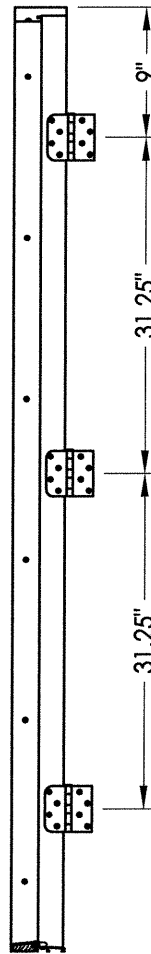
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



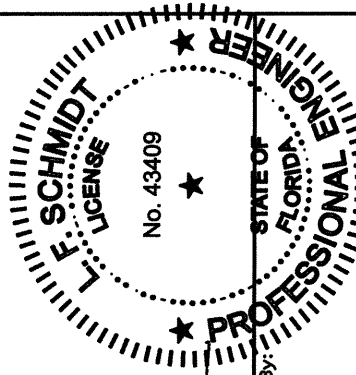
STRIKE JAMB



FRAME ANCHORING
Masonry 1X buck construction



HINGE JAMB



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

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

REVISIONS	
NO.	DATE
1	04/22/15
UPDATE TO 5TH ED. (2014) FBC	
JK	BY

DATE: 02/20/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

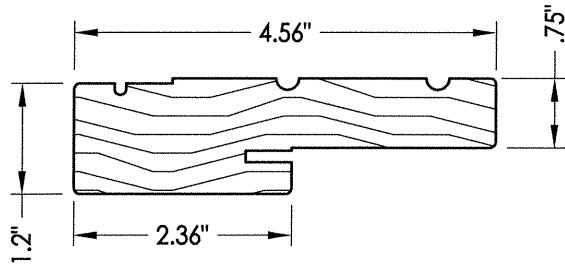
FL-15220.6

SHEET 6 OF 7

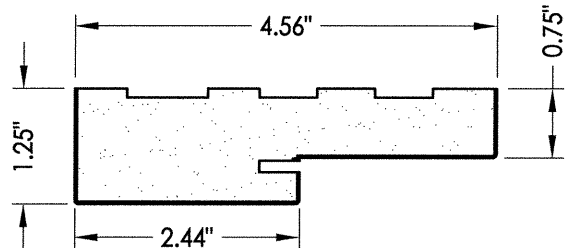
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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FBPE C.A. No. 9813

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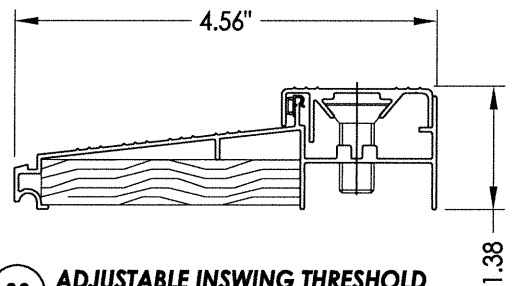
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" x 3-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
I	1/4" X 2-1/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	#9 X 2-1/2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	#8 X 2" PFH WOOD SCREW	STEEL
N	1/4" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
7	FORCE 5 WEATHERSTRIPPING BY ENDURA	-
8	COMPRESSION WEATHERSTRIP QLON 650 BY SCHLEGEL	
9	4" X 4" BUTT HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
20	FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS	WOOD
21	POLY FIBER JAMB	COMP. / VINYL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT PLATE	STEEL
29	OUTSWING THRESHOLD BY DLP	ALUM./WOOD
30	INSWING VINYL DOOR BOTTOM SWEEP	VINYL
33	INSWING ADJUSTABLE ALUMINUM THRESHOLD BY DLP	ALUM. / WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR CONSTRUCTION DETAILS	-
41	DOOR SKIN (MIN. 0.069" THICK) BY PLASTPRO	FIBERGLASS
42	TOP RAIL	CELLULAR PVC
43	LATCH & HINGE STILE	CELLULAR PVC
45	BOTTOM RAIL	CELLULAR PVC
46	POLYURETHANE FOAM BY PLASTPRO	POLYURETHANE
49	LATCH AND HINGE STILE REINFORCEMENT	WOOD
50	LOCK BLOCK (20" X 1.385")	WOOD



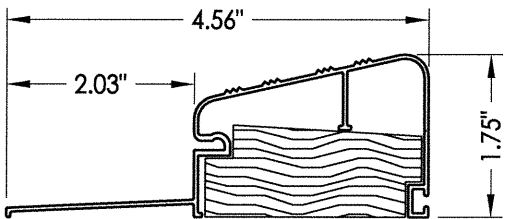
20 HEAD & SIDE
Jamb



21 HEAD & SIDE
Poly fiber jamb



33 ADJUSTABLE INSWING THRESHOLD



29 OUTSWING THRESHOLD BY DLP

FLORIDA PROFESSIONAL ENGINEER No. 43409 Lyndon F. Schmidt P.E. No. 43409		Documents Prepared By: <i>RW</i>	
PLASTPRO INC. FIBERGLASS DOOR		BUILDING CONSULTANTS, INC. P.O. Box 230, Vairco, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813	
PRODUCT: FINGER JOINTED PINE FRAME, HEAD & HINGE JAMBS		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
		REVISIONS	
		1 04/22/15 UPDATE TO 5TH ED. (2014) FBC	
		NO. DATE	
		DATE	
DATE: 02/20/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15220.6			
SHEET 7 OF 7			