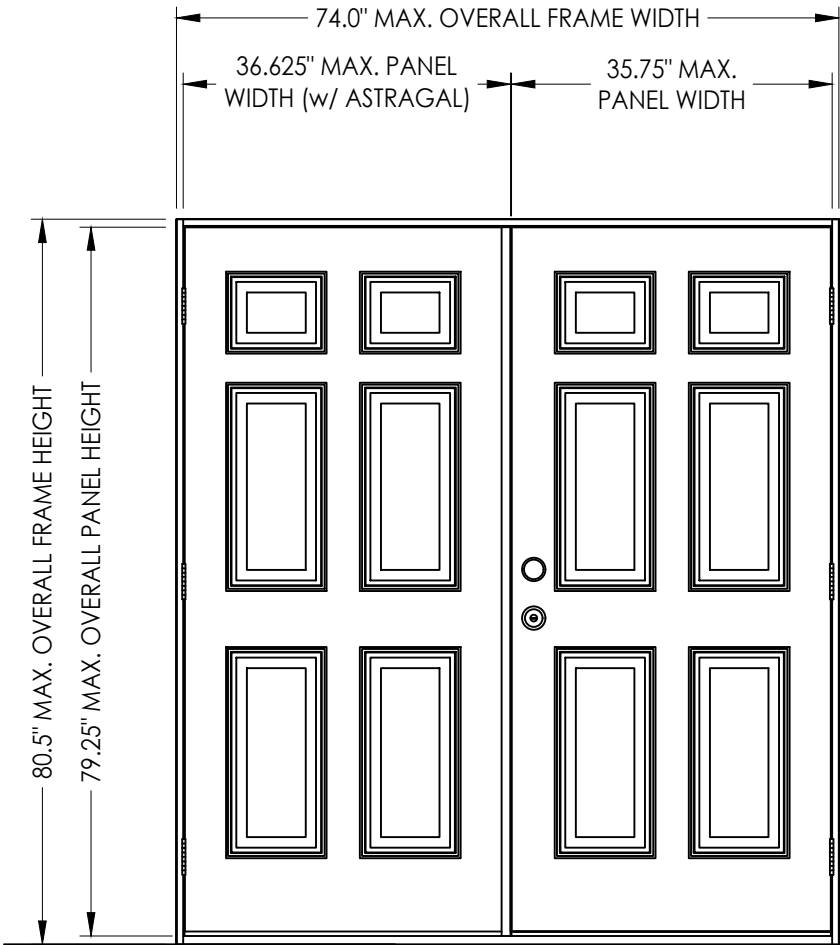
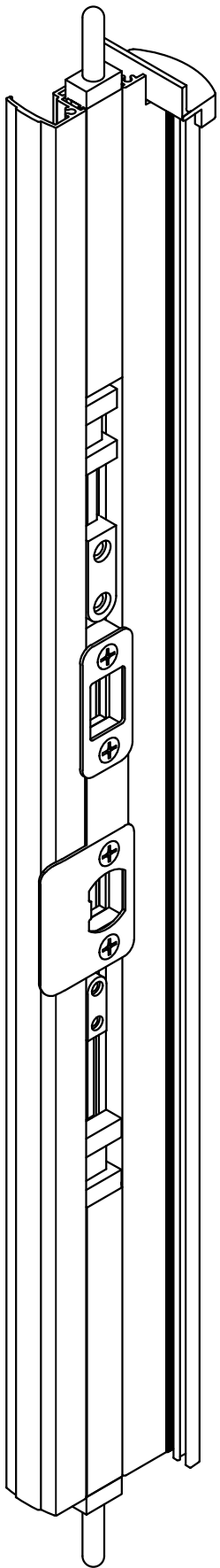


GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 9th EDITION (2026) FLORIDA BUILDING CODE (FBC) EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
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 COMPLIES WITH FBC SECTIONS 1609.1.2 & R301.2.1.2 AND DOES NOT REQUIRE AN IMPACT RESISTANT COVERING. THIS PRODUCT MEETS MISSILE LEVEL "D" AND INCLUDES WIND ZONE 4 AS DEFINED IN ASTM E1996.
4. FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.

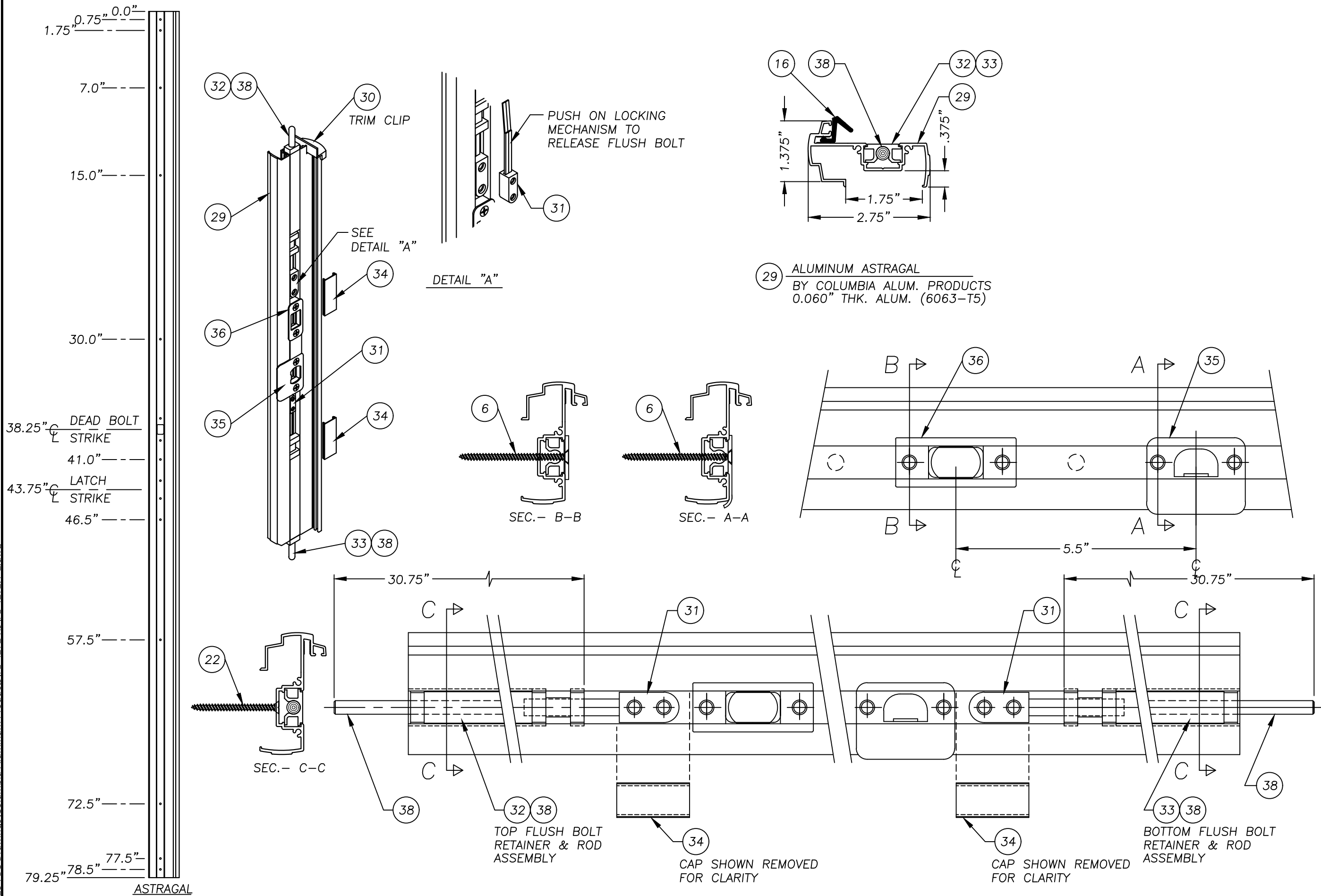
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	TYPICAL ELEVATIONS, DESIGN PRESSURES AND GENERAL NOTES
2	ASTRAGAL SECTIONS, ELEVATIONS AND DETAILS
3	VERTICAL AND HORIZONTAL CROSS SECTIONS
4	ANCHORING
5	BILL OF MATERIALS AND COMPONENTS



DOUBLE DOOR OUTSWING ELEVATION
VIEWED FROM EXTERIOR

OUTSWING DESIGN PRESSURE (PSF)	
POSITIVE	NEGATIVE
+55.0	-55.0

[illegible]



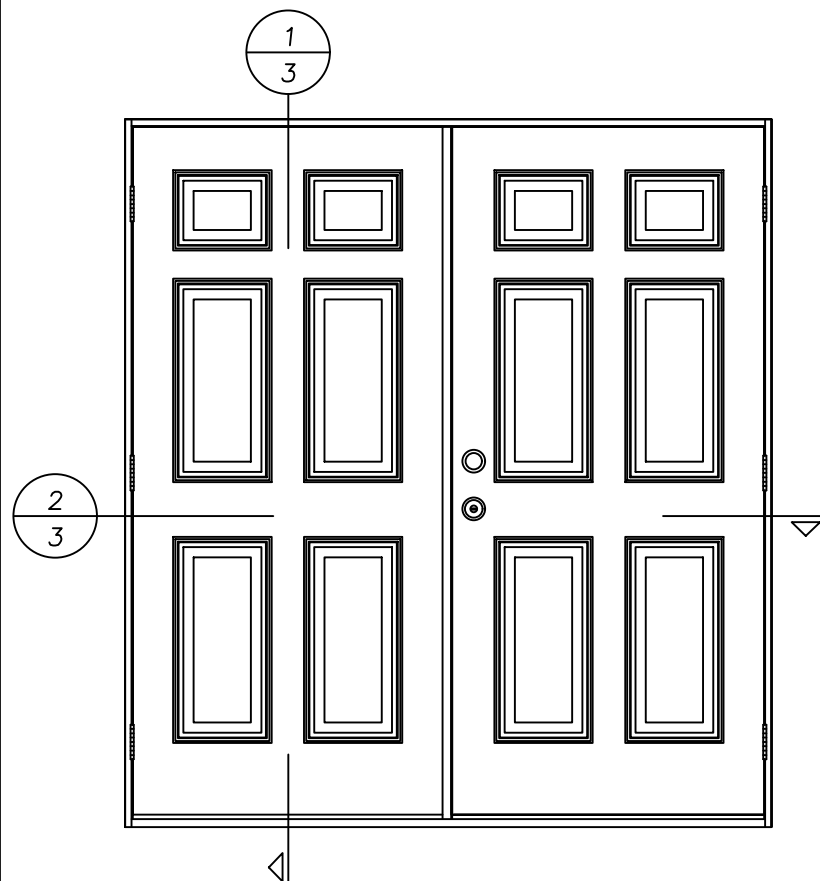
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

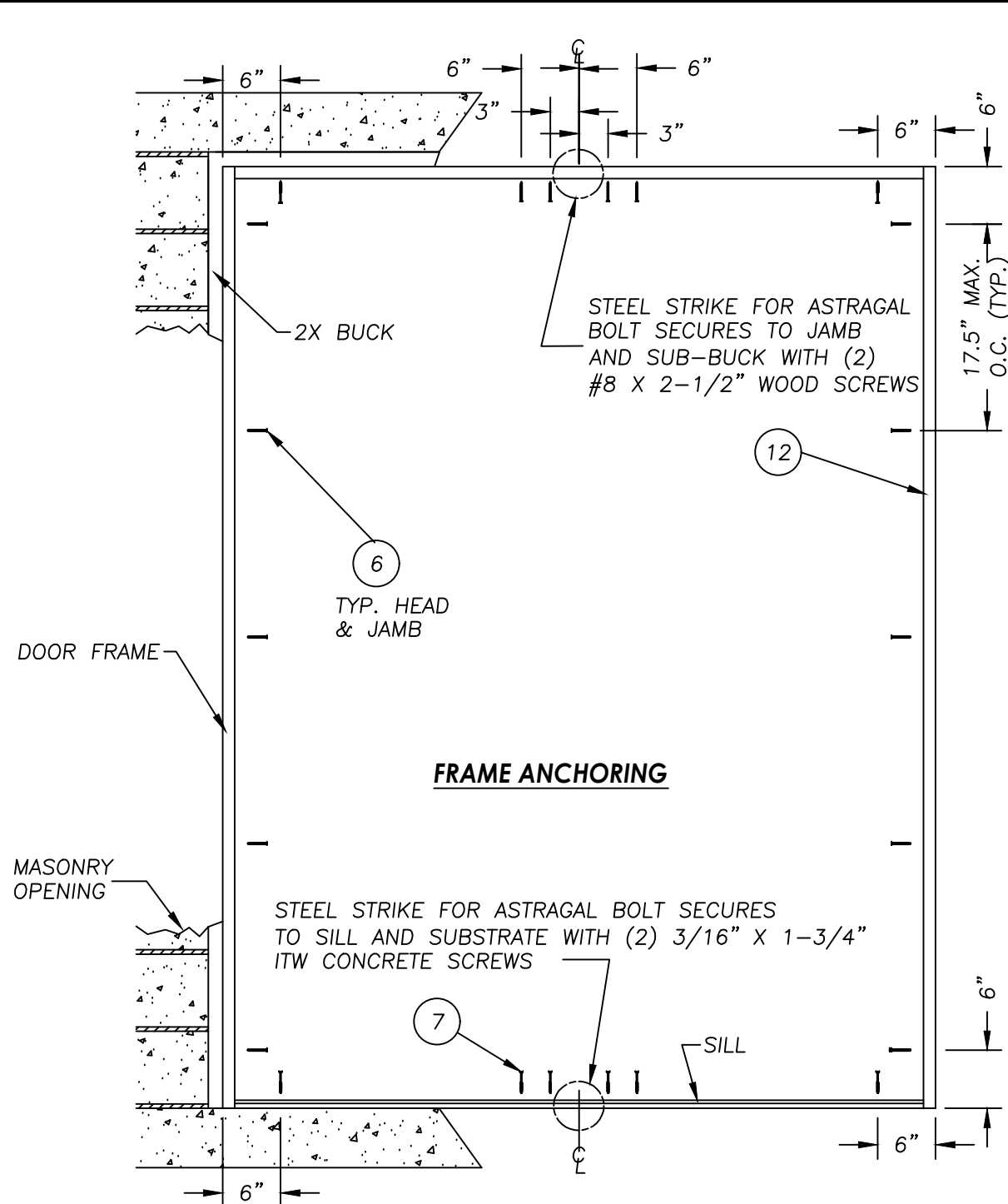
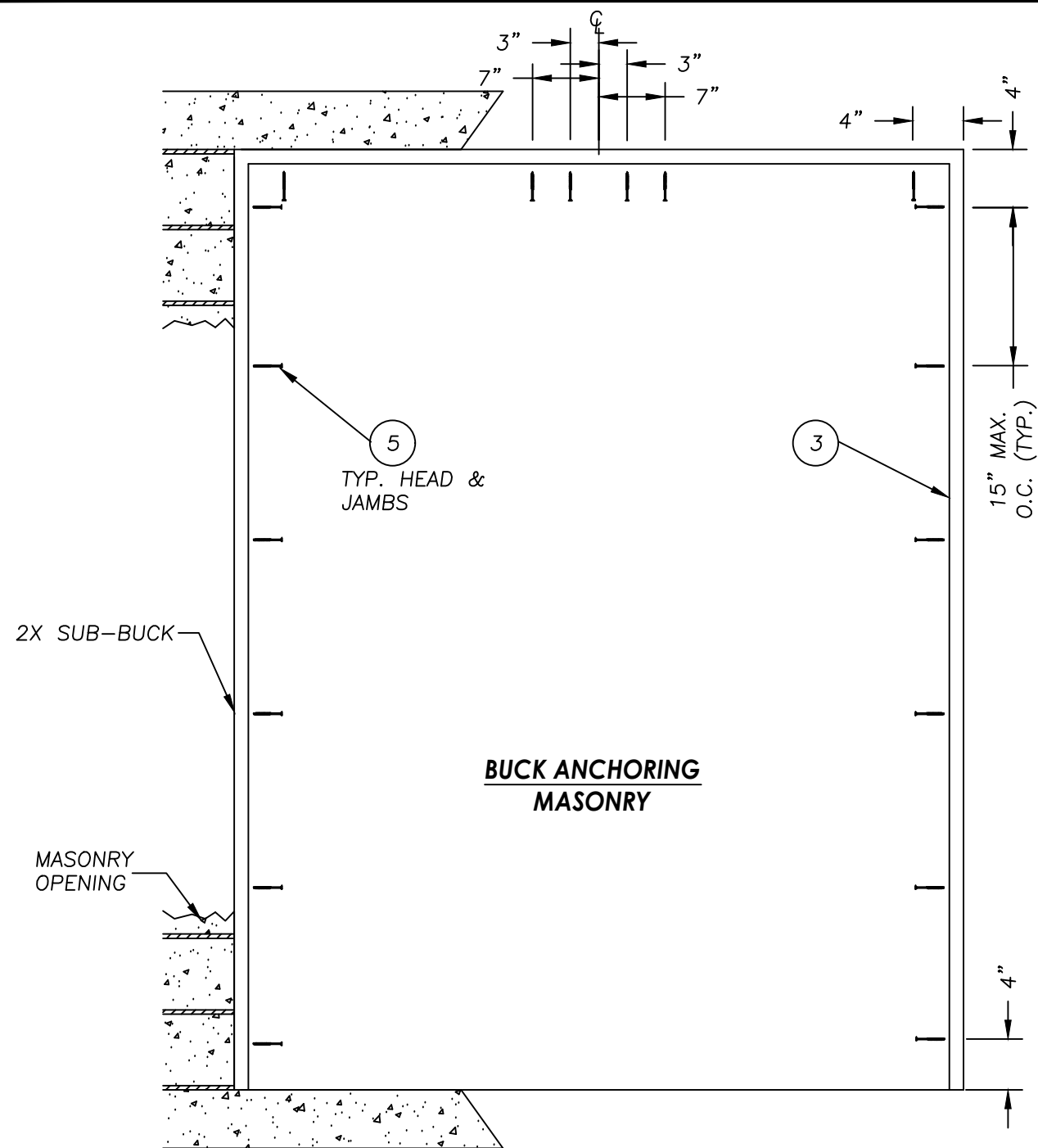
PRODUCT:
COLUMBIA
ALUM. ASTRAGAL & THRESHOLD

PART OR ASSEMBLY:
ASTRAGAL SECTIONS,
ELEVATIONS & DETAILS

[illegible]



DATE:	02/25/09
SCALE:	N.T.S.
DWG. BY:	DWS
CHK. BY:	LFS
DRAWING NO.:	FL-4272.1
SHEET	3 OF 5



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"
DeWALT ULTRA-CON®	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.

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

[illegible]

DATE: 02/25/09

SCALE: *N.T.S.*

DWG. BY: *DWS*

CHK. BY: LFS

DRAWING NO.:
FL-4272.1

SHEET 4 OF 5

PRODUCT: COLUMBIA
ALUM. ASTRAGAL & THRESHOLD
PART OR ASSEMBLY: ANCHORING

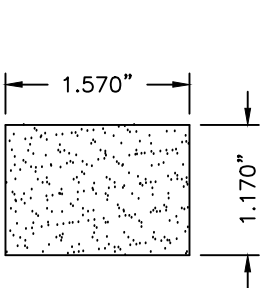
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

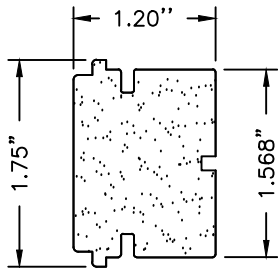
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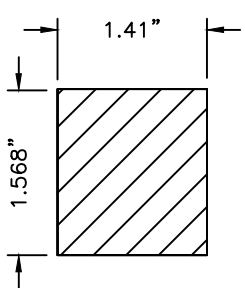
ITEM	DESCRIPTION	MATERIAL
1	MASONRY – 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONC.
3	2X BUCK SG >= 0.55	WOOD
4	SHIM 1/4" MAX. THK.	WOOD
5	1/4" x 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
6	#8 x 2-1/2" WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
7	1/4" x 2-1/4" ITW CONCRETE SCREW	STEEL
9	DOOR SKIN (MIN. 0.090" THICK)	FIBERGLASS
11	REINFORCEMENT WOOD FOR LOCKS	WOOD
12	HEAD AND JAMB PVC (#JM-PW961)	PVC
13	#9 x 3/4" PHILLIPS PAN HEAD WOOD SCREW	STEEL
14	BOTTOM RAIL	FOAM
16	COMPRESSION WEATHERSTRIPPING QEBD-650 OR 500 BY Q-LON	FOAM
17	KWIKSET KNOB (SIGNATURE SERIES)	-
18	KWIKSET DEADBOLT (SIGNATURE SERIES – 980)	-
19	CONTINUOUS LATCH AND HINGE STILE REINFORCEMENT	STEEL
20	POLYURETHANE FOAM BY PLASTPRO	FOAM
21	4" x 4" BUTT HINGE	STEEL
22	#8 x 2" PHILLIPS FLAT HEAD WOOD SCREW	STEEL
23	OUTSWING BUMP THRESHOLD BY COLUMBIA ALUM. PRODUCTS	WOOD/ALUM.
25	TOP RAIL	PVC
26	HINGE & LATCH STILE	PVC
27	#9 X 1" PHILLIPS FLAT HEAD WOOD SCREW	STEEL
28	#8 X 1" PHILLIPS FLAT HEAD WOOD SCREW	STEEL
29	EXTRUDED ALUMINUM ASTRAGAL BY COLUMBIA ALUM. PROD. 6063-T5	ALUM.
30	TRIM CLIP (#3920-BLK. / #3921-WHT.)	-
31	LOCKING MECHANISM (#3901)	-
32	TOP FLUSH BOLT RETAINER 6063-T5	ALUM. /STEEL
33	BOTTOM FLUSH BOLT RETAINER 6063-T5	ALUM. / STEEL
34	ALUMINUM TRACK CAP	ALUM.
35	LATCH STRIKE PLATE	STEEL
36	DEAD BOLT STRIKE PLATE	STEEL
38	5/16"ø x 20" LONG FLUSH BOLT ROD	STEEL



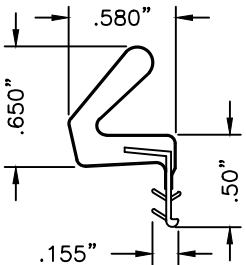
25 DOOR TOP RAIL
FOAM PVC



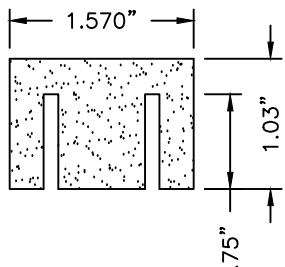
26 LATCH & HINGE STILE
FOAM PVC



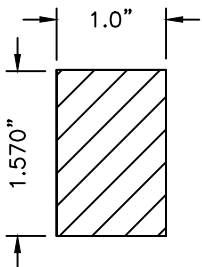
11 REINFORCEMENT WOOD
FOR LOCK



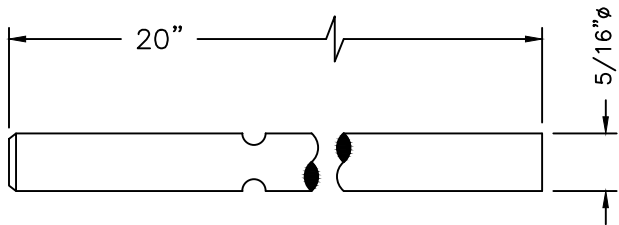
16 WEATHERSTRIPPING QEBD-650
FOAM



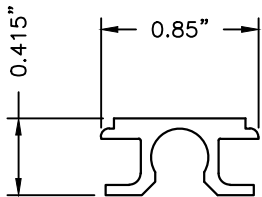
14 DOOR BOTTOM RAIL
FOAM PVC



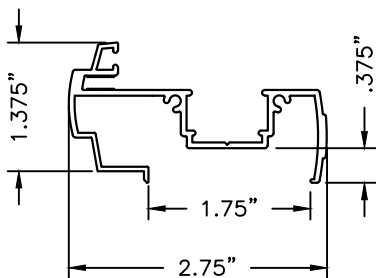
19 LATCH AND HINGE STILE
WOOD REINFORCEMENT



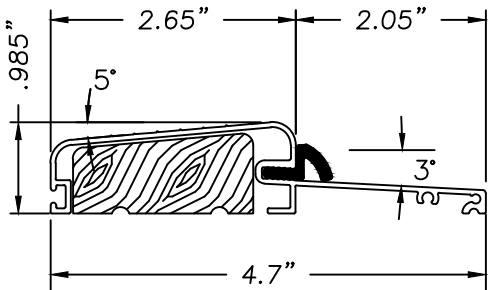
38 FLUSH BOLT ROD
STEEL



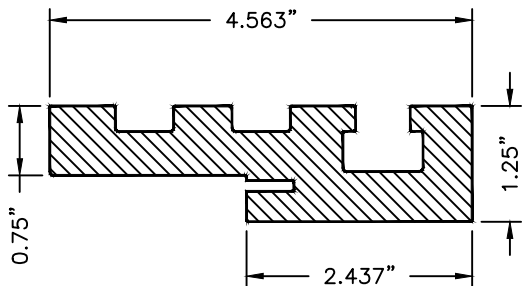
32 33 FLUSH BOLT
TOP / BOTTOM
ALUMINUM 6063-T5



29 ALUMINUM ASTRAGAL
BY COLUMBIA AL. PRODUCTS
.060 THK. ALUM. 6063-T5



23 OUTSWING THRESHOLD
ALUM. / WOOD
P/N 575



12 PVC HEAD & JAMB
BY PLASTPRO

Documents Prepared By:
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PRODUCT: COLUMBIA
ALUM. ASTRAGAL & THRESHOLD
PART OR ASSEMBLY:
BILL OF MATERIAL
& COMPONENTS

NO.	DATE	REVISIONS
6	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
5	7/05/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/26/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 02/25/09
SCALE: N.T.S.
DWG. BY: DWS
CHK. BY: LFS
DRAWING NO.: FL-4272.1
SHEET 5 OF 5