

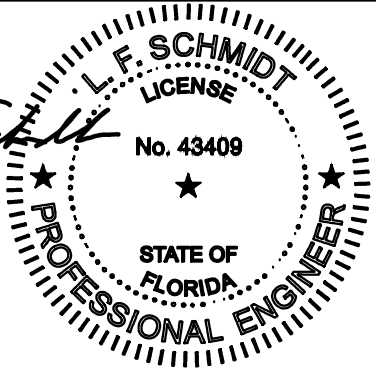
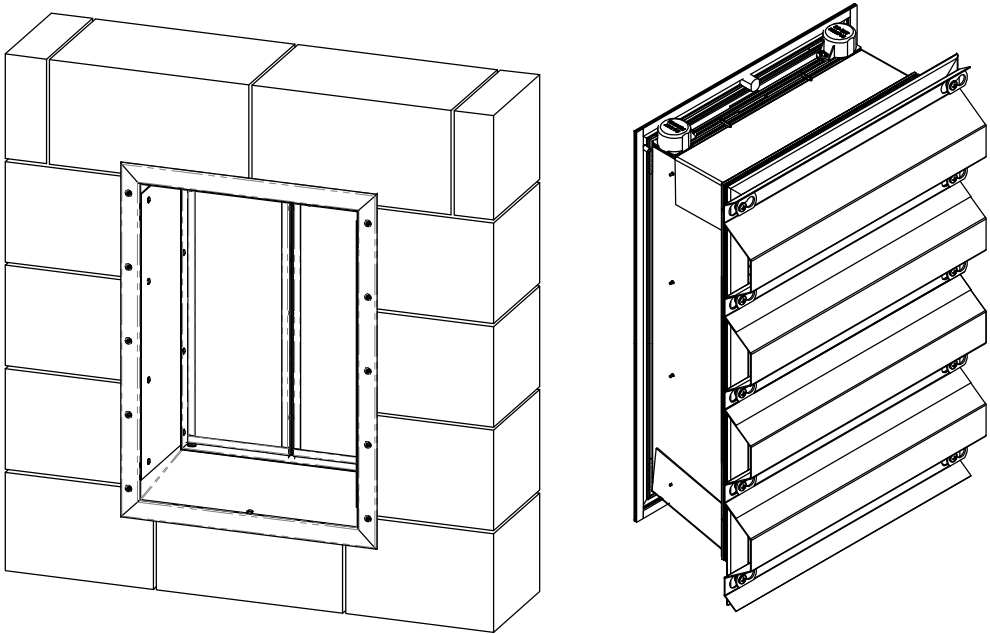


PD HURCAN WALL MOUNT
DOG DOOR
FOR INSTALLATION INTO
2X STUD OR MASONRY WALL
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 complies with FBC Sections 1609.1.2 & R301.2.1.2 with the corrugated panels properly secured to the product exterior as indicated. This product meets missile level "D" and excludes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. This product has been tested in the 2X stud framing and masonry block as specified in this approval. The adequacy of the 2X stud framing and masonry block to support the applied wind loads is beyond the scope of this approval. In all cases, the installation shall be approved for use by the local Authority Having Jurisdiction and may require further engineering analysis by a licensed engineer or registered architect.

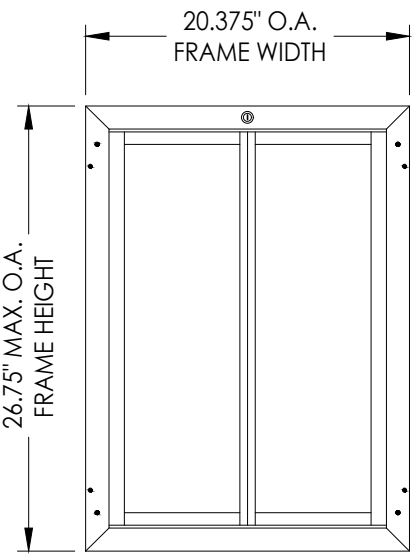
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	PD Hurcan Wall Mount Details
3	2X Stud Framing Installation Details
4	Masonry Block Installation Details
5	Bill of Materials & Components



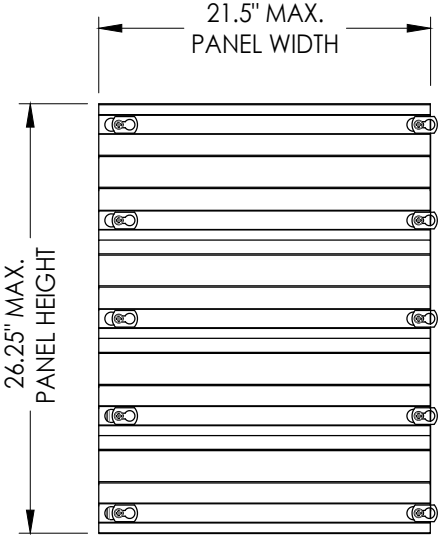
Digitally signed by Lyndon F Schmidt
Date: 2023.10.04 13:42:57 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



INTERIOR VIEW
PD HURCAN WALL MOUNT (X-LARGE)



EXTERIOR VIEW
w/ CORRUGATED PANELS

DOG DOOR MODEL	MAX. ASSEMBLY SIZE	w/ INTERIOR SECURITY COVER	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
PD HURCAN WALL MOUNT	20.375" x 26.625"	NO	+50.0	-50.0
		YES	+75.0	-75.0

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

PDUSA, INC.
PD HURCAN WALL MOUNT

PART OR ASSEMBLY:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

DATE: 12/05/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-41814.4

SHEET 1 OF 5

10/4/23
DATE

1
NO.

10/4/23
UPDATE TO 8TH ED. (2023)

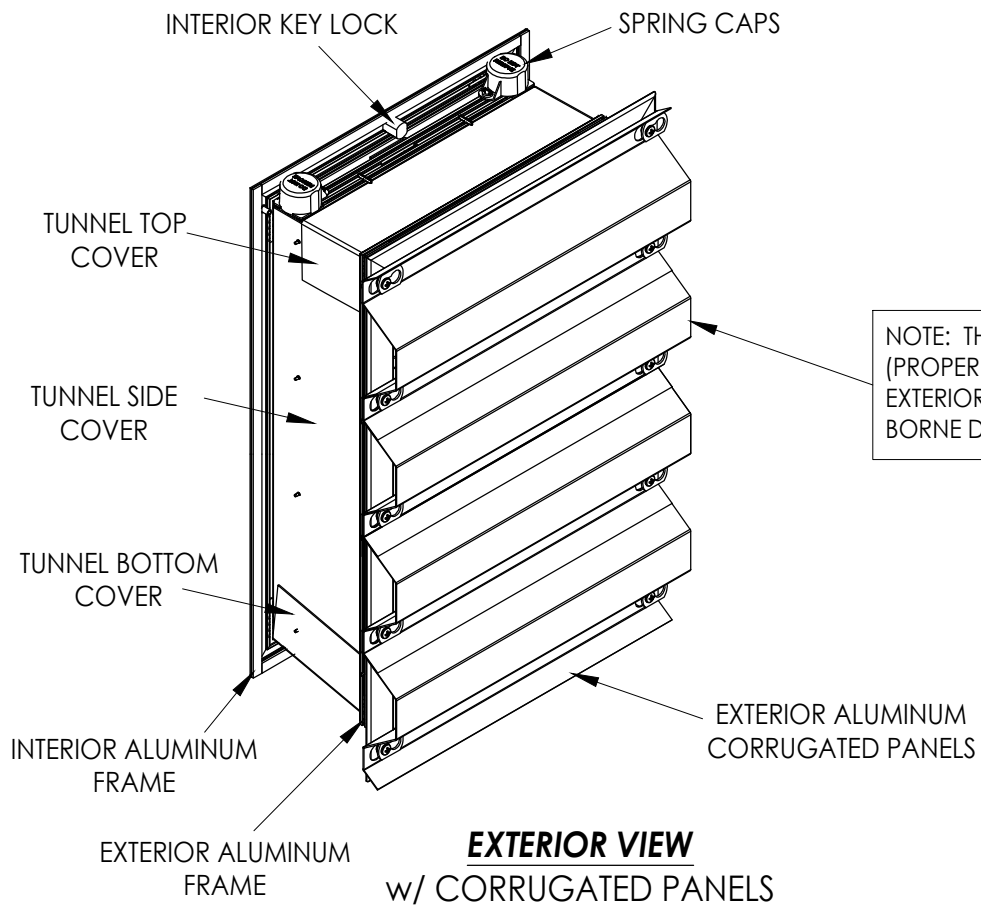
FBC

LFS
BY

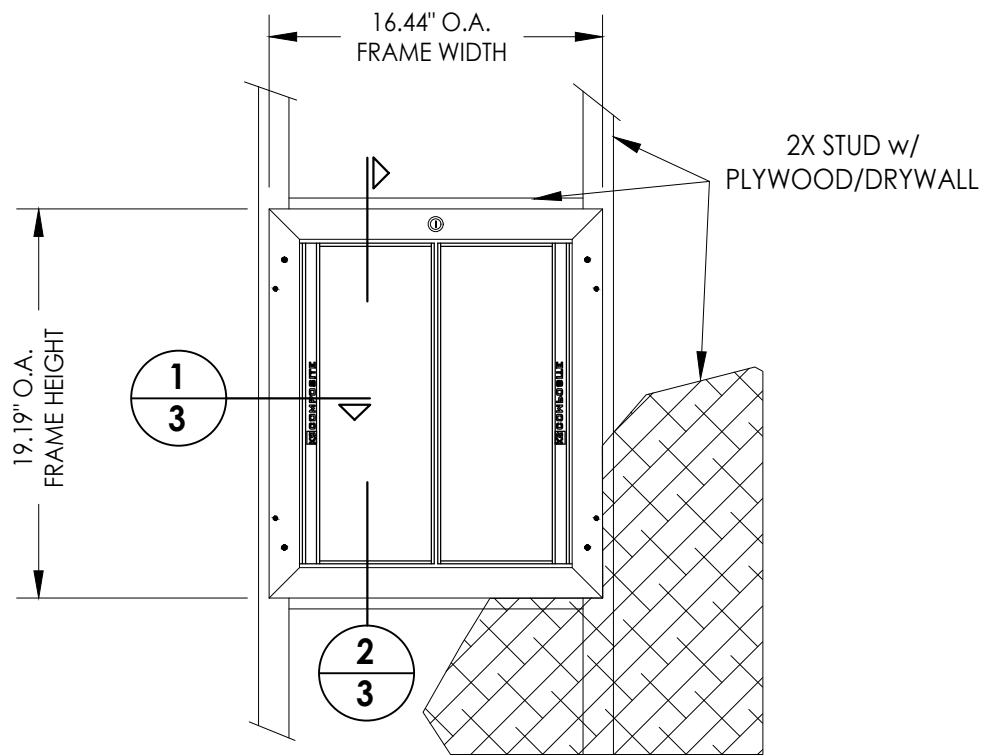
REVISIONS

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

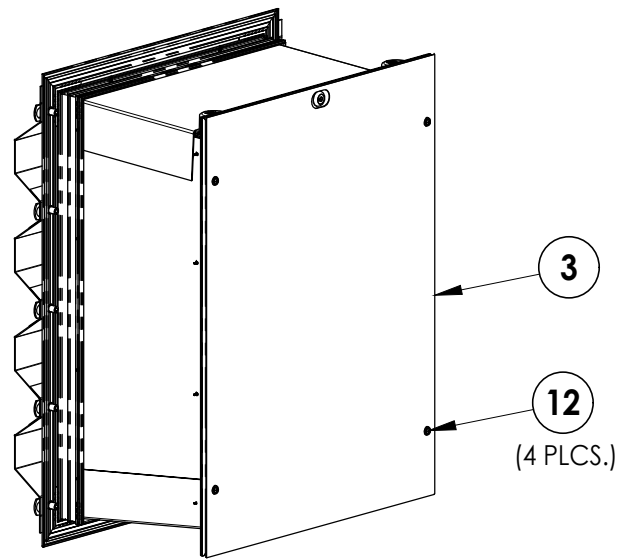
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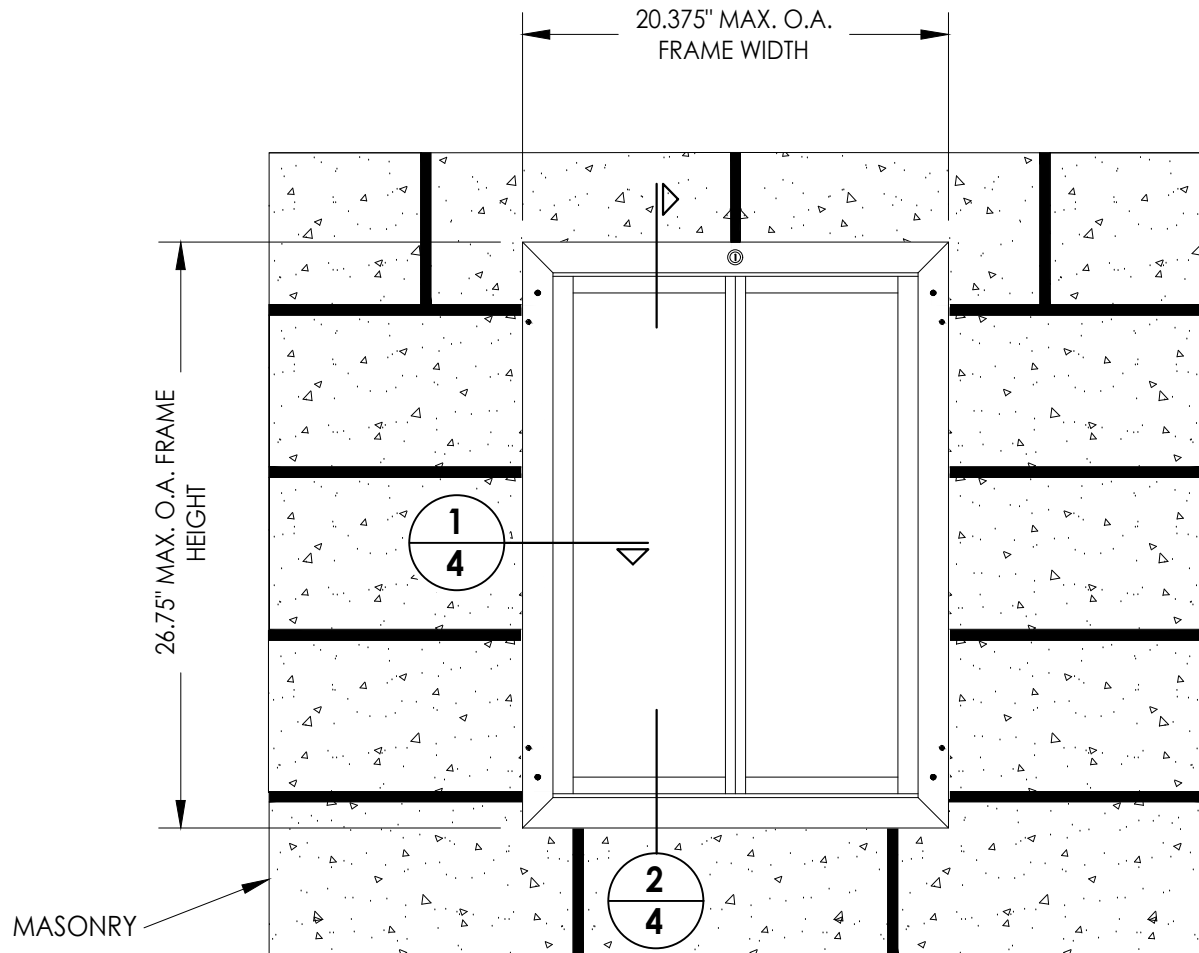
EXTERIOR VIEW
w/ CORRUGATED PANELS



INTERIOR VIEW
Large Size Dog Door Shown



INTERIOR SECURITY COVER
REQUIRED FOR DESIGN PRESSURE > 50 PSF



INTERIOR VIEW
X-Large Size Dog Door Shown

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

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

PRODUCT: PDUSA, INC.
PD HURCAN WALL MOUNT

PART OR ASSEMBLY:
PD HURCAN WALL MOUNT
DETAILS

NO.	DATE	REVISIONS
1	10/4/23	UPDATE TO 8TH ED. (2023) FBC
LFS	BY	

DATE: 12/05/22

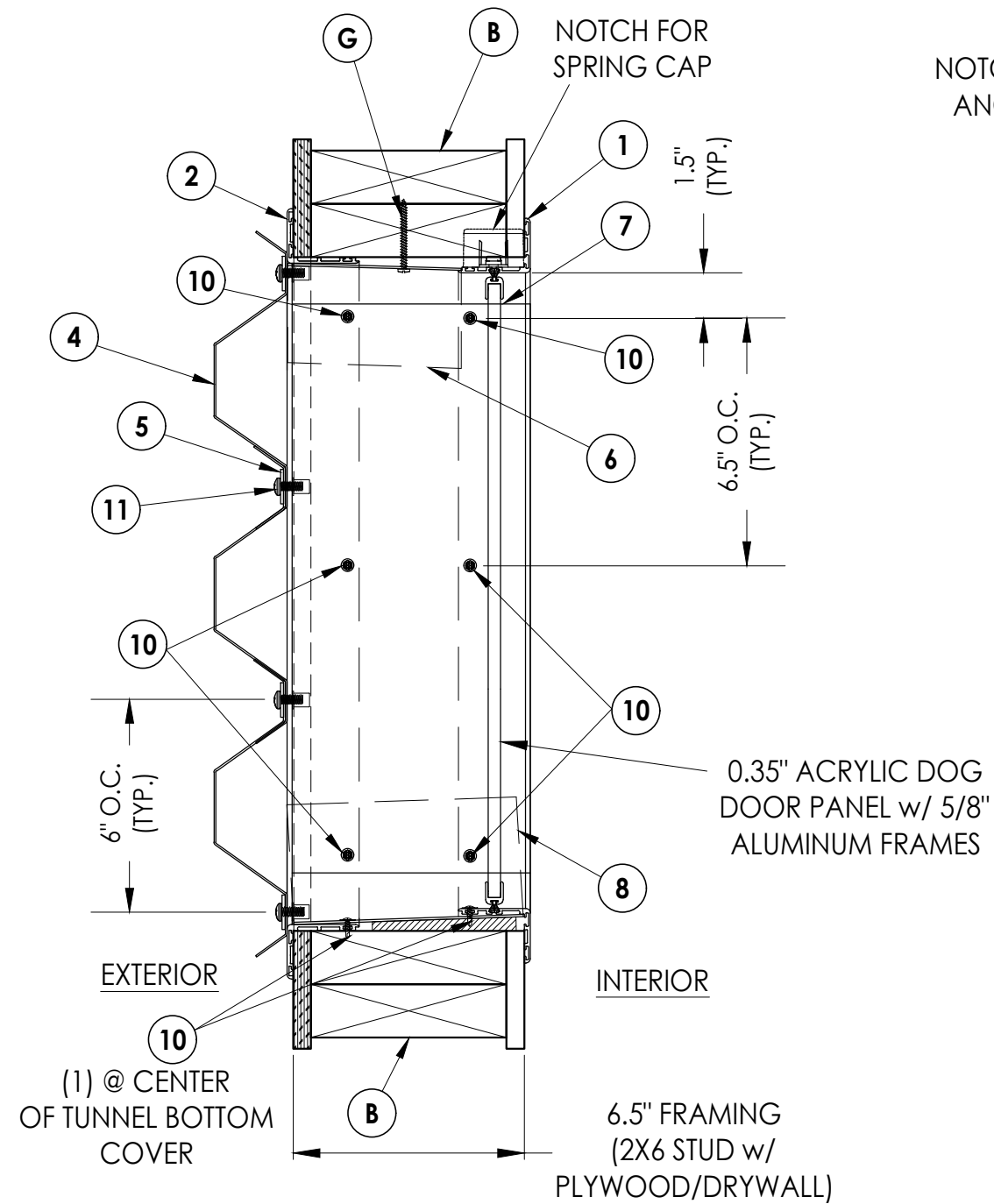
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DWG. BY: LFS

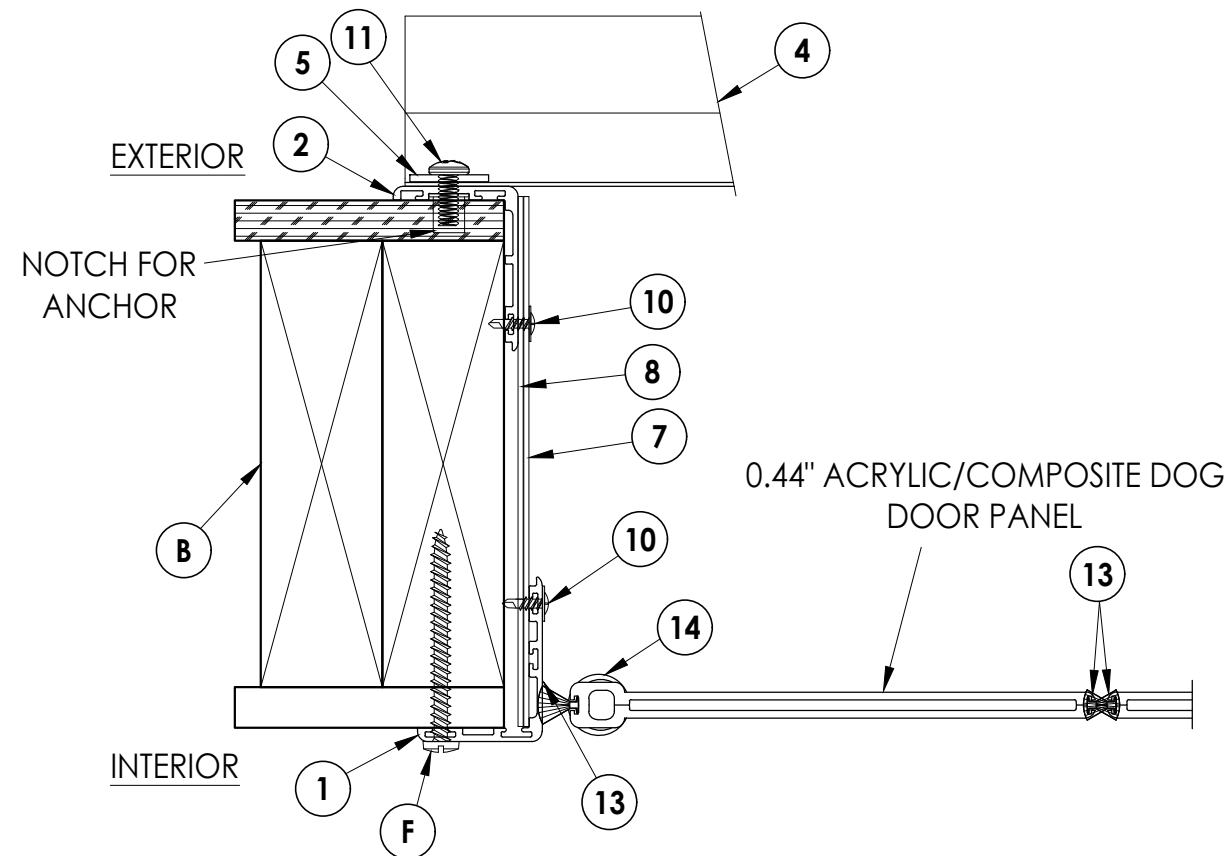
CHK. BY: RW

DRAWING NO.:
FL-41814.4

SHEET 2 OF 5

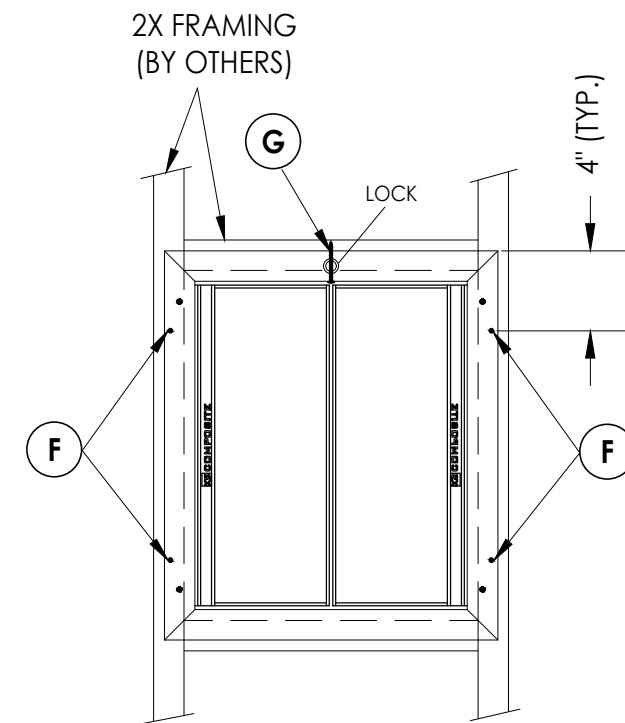


1 VERTICAL CROSS SECTION
3 Shown w/ Large Size Dog Door
2X Stud Framing Installation



2 **HORIZONTAL CROSS SECTION**

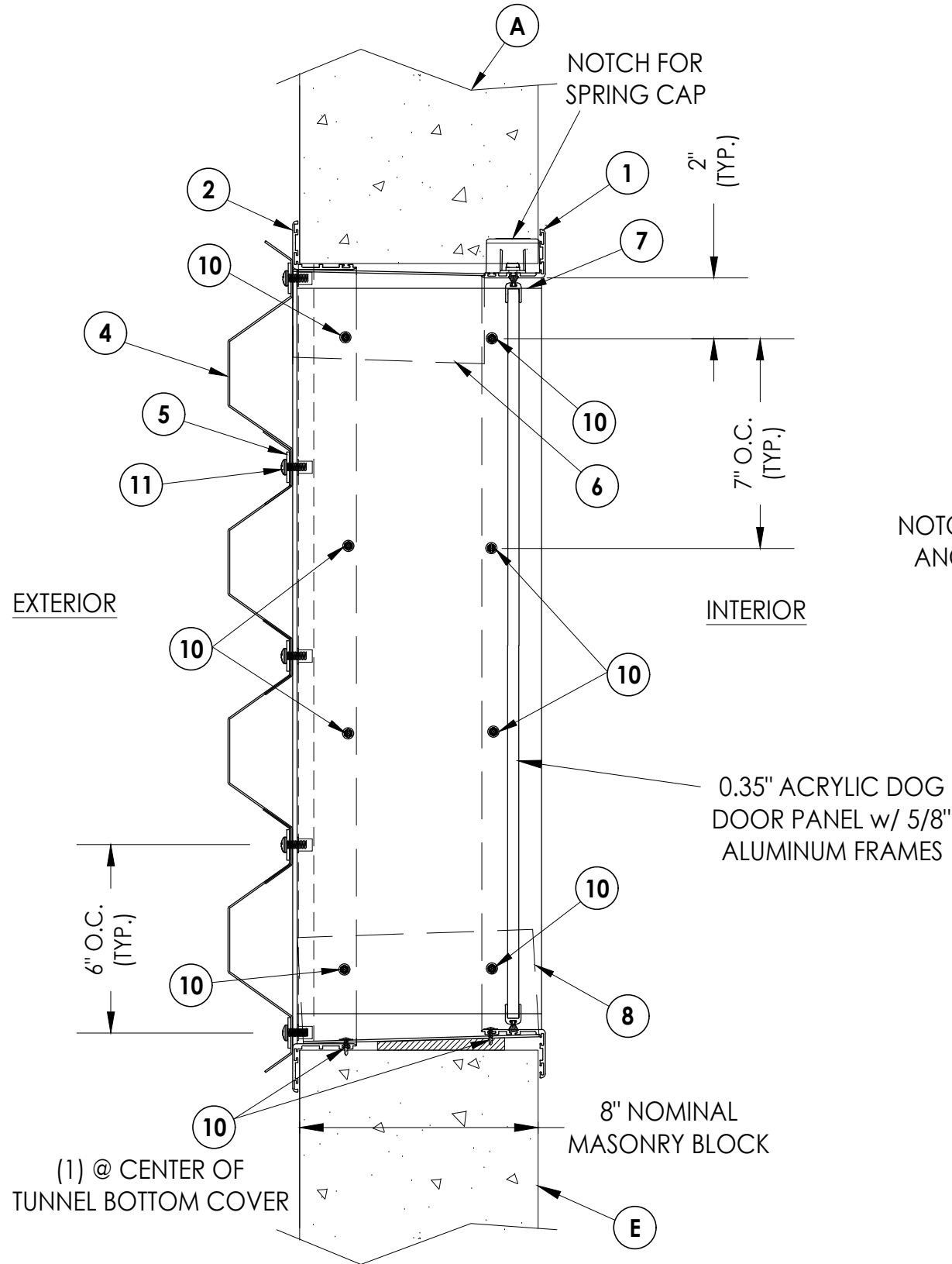
3 FOR PLEXIDOR SIZES LG & MD (UP TO 16.44" X 19.19")



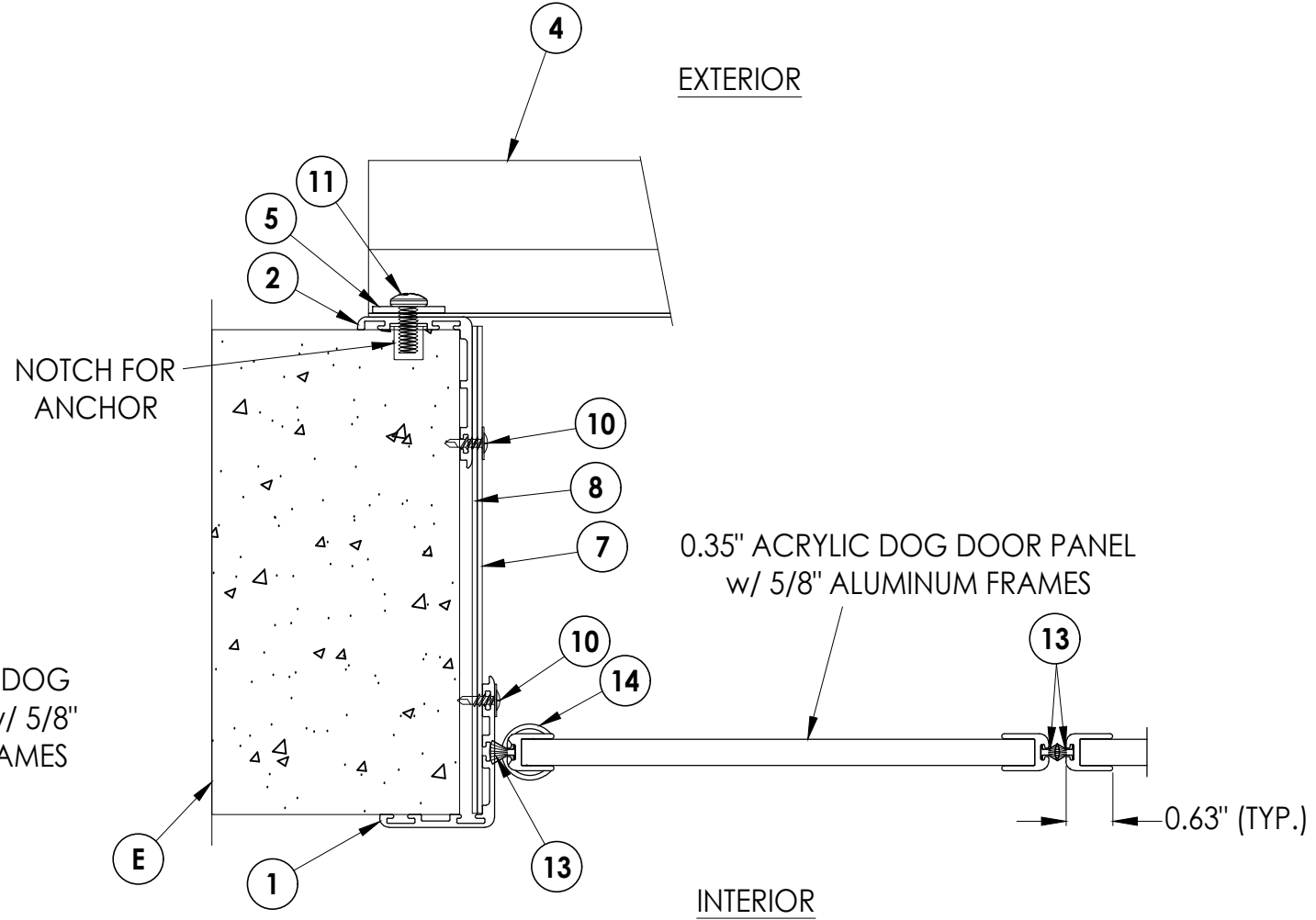
INTERIOR FRAME ANCHORING

[illegible]

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1
4 **VERTICAL CROSS SECTION**
Shown w/ X-Large Size Dog Door
Masonry Framing Installation



2
4 **HORIZONTAL CROSS SECTION**
FOR PLEXIDOR SIZES LGP & XL
(UP TO 20.375" X 26.625")

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

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Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT: PDUSA, INC.
PD HURCAN WALL MOUNT

PART OR ASSEMBLY:
MASONRY BLOCK
INSTALLATION DETAILS

NO.	DATE	REVISIONS
1	10/4/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 12/05/22

SCALE: N.T.S.

DWG. BY: LFS

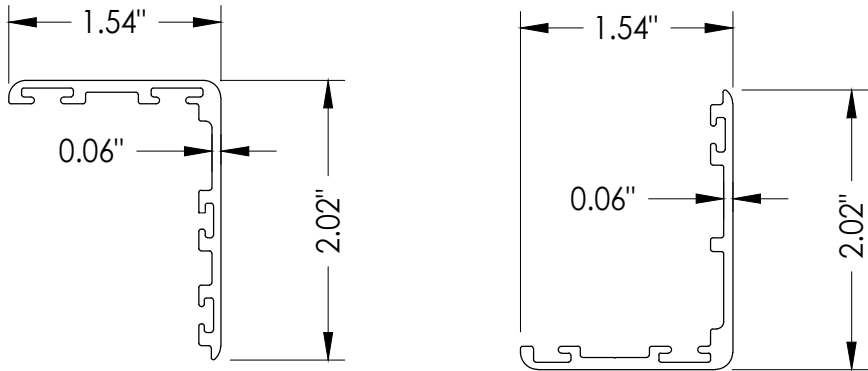
CHK. BY: RW

DRAWING NO.:

FL-41814.4

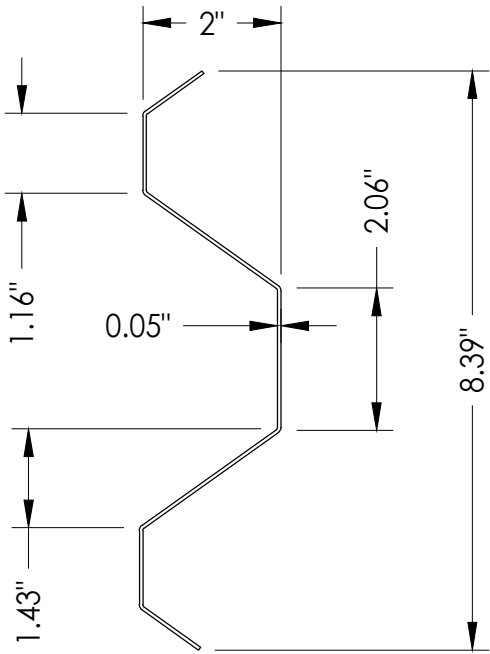
SHEET 4 OF 5

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (G = 0.42)	WOOD
E	MASONRY - HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS	STEEL
G	#8 X 1-1/2" PPH SMS	STEEL
1	INTERIOR FRAME (PD HURCAN WALL MOUNT SERIES)	ALUM
2	EXTERIOR FRAME (PD HURCAN WALL MOUNT SERIES)	ALUM
3	INTERIOR SECURITY PANEL (0.045" STEEL)	STEEL
4	EXTERIOR CORRUGATED PANELS (EASTERN METAL)	ALUM
5	KEYHOLE WASHERS (EASTERN METAL)	ALUM
6	TUNNEL TOP COVER (0.060" X 5" X 17" U-SHAPE ALUMINUM PLATE)	ALUM
7	TUNNEL SIDE COVERS (0.060" X 6" X 15.5" ALUMINUM PLATE)	ALUM
8	TUNNEL BOTTOM COVER (0.060" X 6" X 18" U-SHAPE ALUMINUM PLATE)	ALUM
10	#8 X 1/2" TRUSS HEAD SELF-DRILLING SMS	STEEL
11	1/4-20 X 5/8" PH MACHINE SCREW w/ RIVET NUT	S.S.
12	#10-32 X 1/2" PH MACHINE SCREW w/ RIVET NUT	STEEL
13	WEATHERSTRIP	-
14	DOG DOOR PIVOT	-



1 INTERIOR FRAME

2 EXTERIOR FRAME



4 EXTERIOR CORRUGATED PANEL
1/2 SCALE

[illegible]