



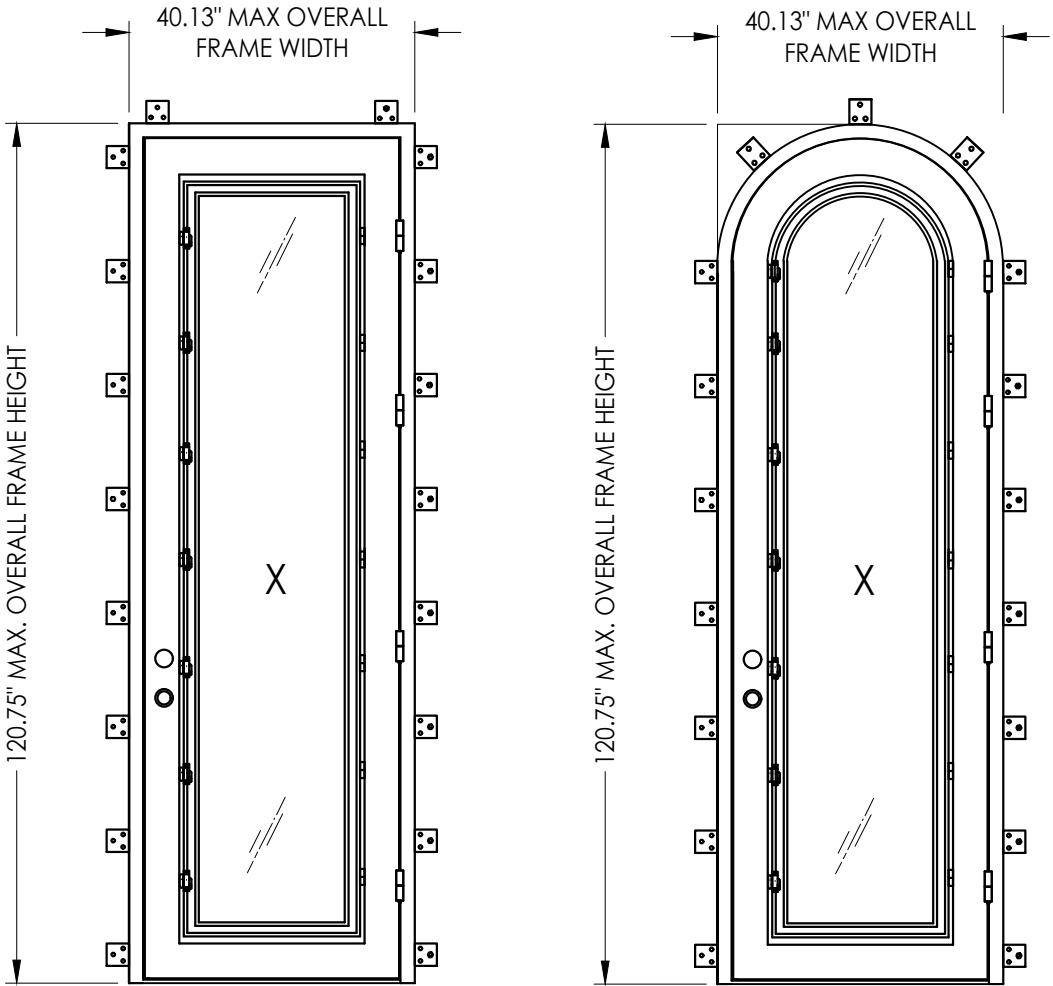
4075 Buford Highway, Suite E
Duluth, GA 30096

ARCHITECTURAL GLAZED STEEL
SINGLE DOOR
RECTANGULAR OR RADIUS TOP
INSWING / OUTSWING
"NON-IMPACT"

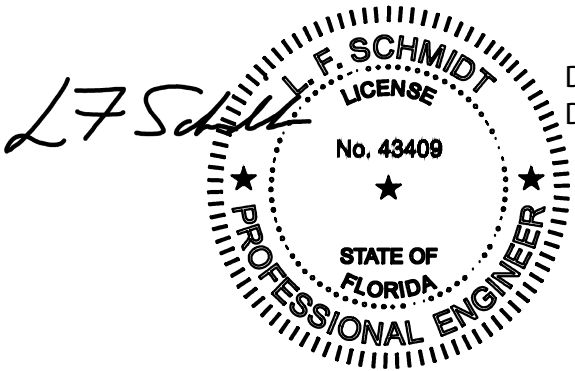
GENERAL NOTES

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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Door panel details
3	Horizontal & Vertical Cross Sections
4	Buck & frame anchoring
5	Components
6	Bill of materials, Glazing detail & Components



DOOR TYPE	OVERALL FRAME DIMENSION	OVERALL DAYLIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
RECTANGULAR	40.13" x 120.75"	20.5" x 102.0"	G1	+65.0	-65.0
RADIUS TOP	40.13" x 120.75"	20.5" x 102.0"	G1	+65.0	-65.0



Digitally signed by Lyndon F Schmidt
Date: 2023.08.30 11:34:48 -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

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

PRODUCT:
ABBY IRON DOORS
GLAZED STEEL DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURE & GENERAL NOTES

REVISIONS

DATE: 12/14/11

SCALE: N.T.S.

DWG. BY: KV

CHK. BY: LFS

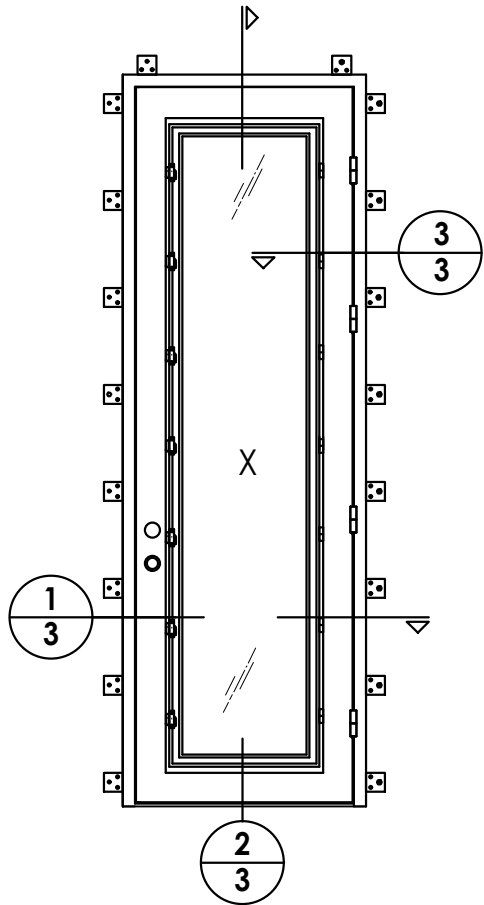
DRAWING NO.:
FL-15044.2

SHEET 1 OF 6

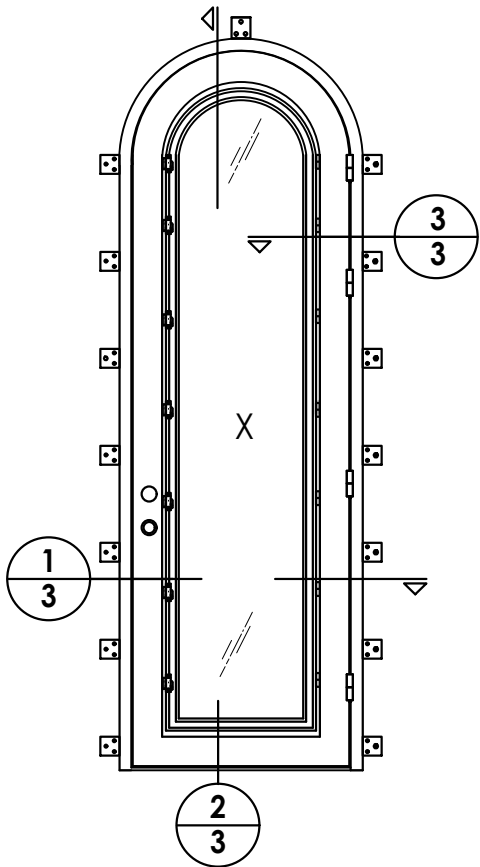
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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G:\2023 FBC DRAWINGS\Abby Iron Doors\FL-15044 R5\FL-15044.1-7.dwg

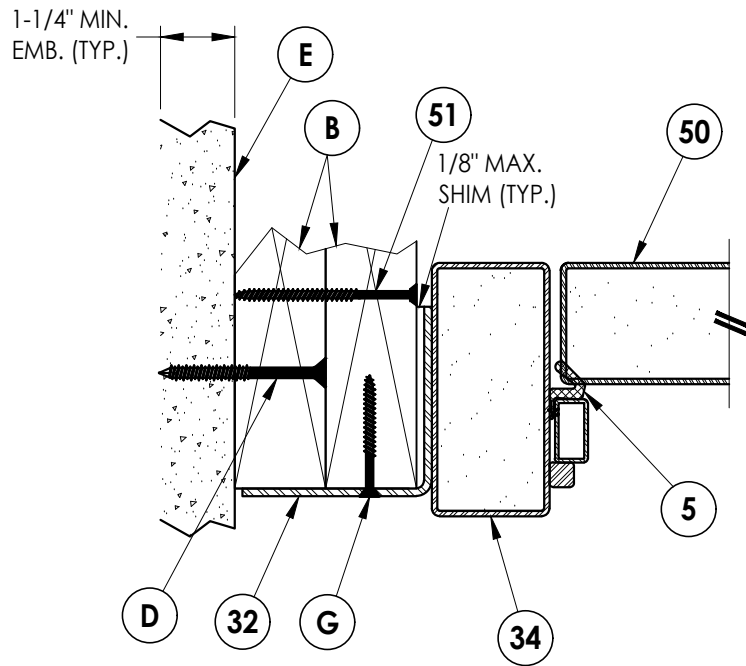


1
3 **HORIZONTAL CROSS SECTION**
Outswing shown - inswing
also approved



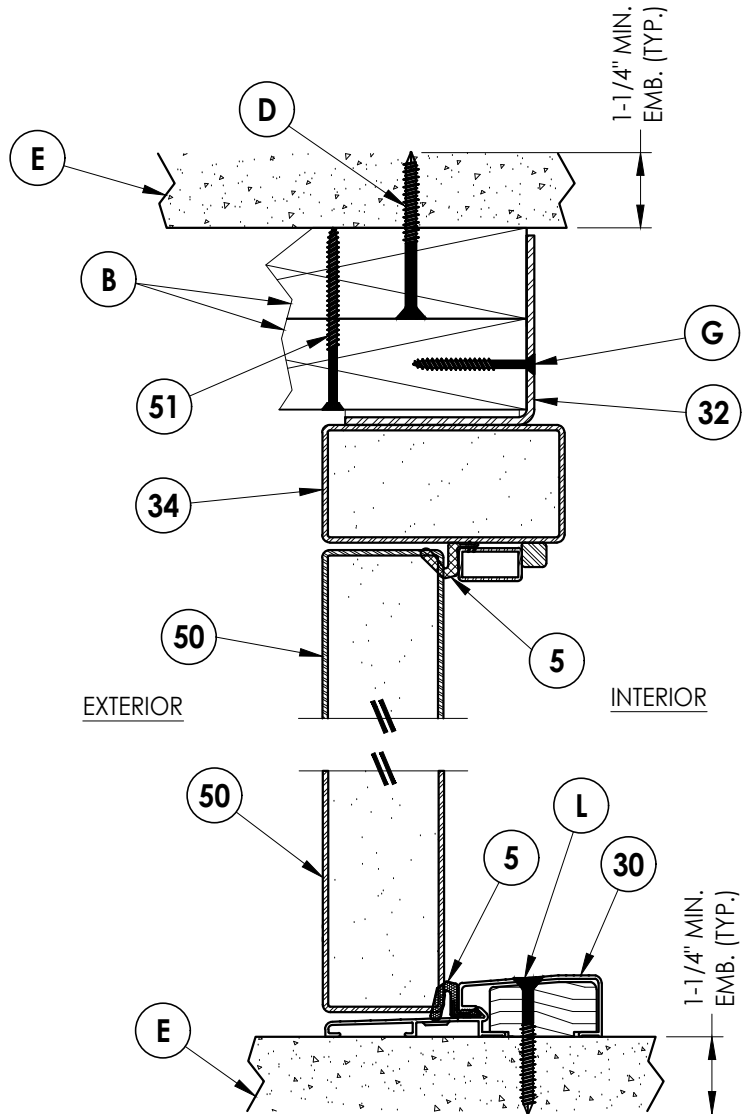
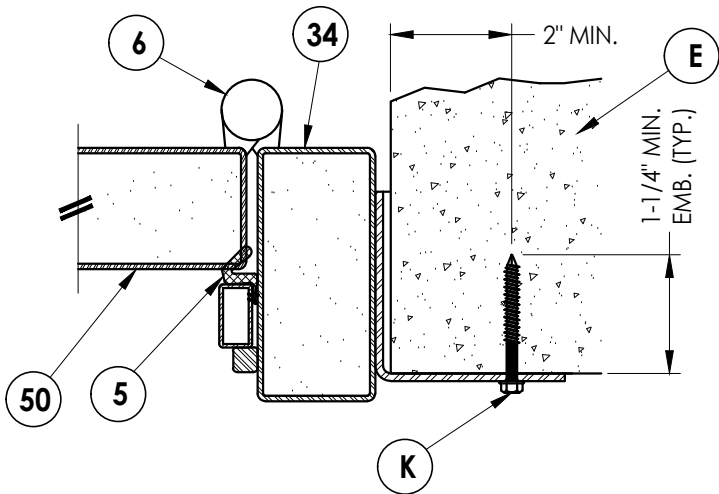
3
3 **HORIZONTAL CROSS SECTION**
Direct to masonry

HARDWARE TABLE		
MANUFACTURER	MODEL	
YALE	KNOB:	NEW TRADITIONS (100C)
	DEADBOLT:	YH COLLECTION (YH83)
DESIGN HARDWARE	KNOB:	K2 SERIES
	DEADBOLT:	D2 SERIES



EXTERIOR

INTERIOR



2
3 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved

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PRODUCT:
ABBY IRON DOORS
GLAZED STEEL DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	8/30/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	9/29/17	UPDATE TO 6TH ED. (2017) FBC LFS
1	3/03/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 12/14/11

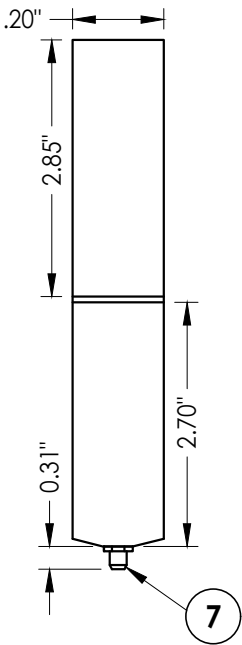
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DWG. BY: KV

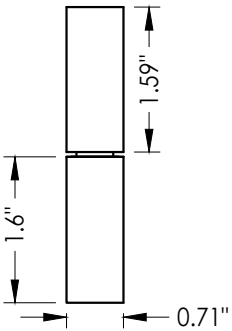
CHK. BY: LFS

DRAWING NO.:
FL-15044.2

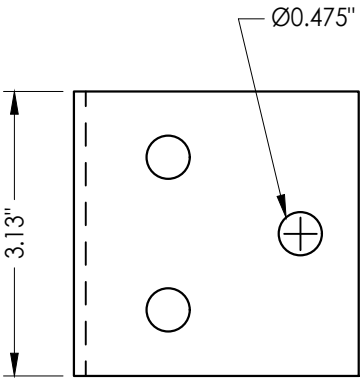
SHEET 3 OF 6



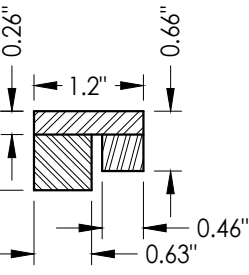
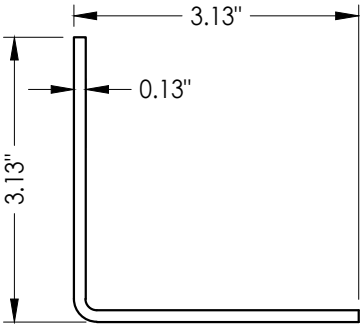
6 DOOR HINGE



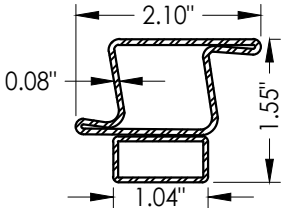
27 LITE FRAME
Hinge assembly



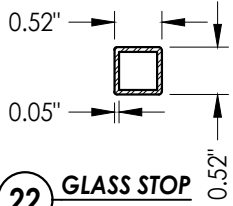
32 ANCHORING ANGLE



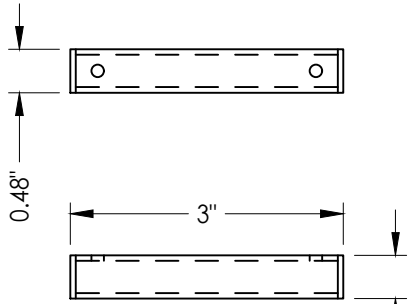
40 ASTRAGAL



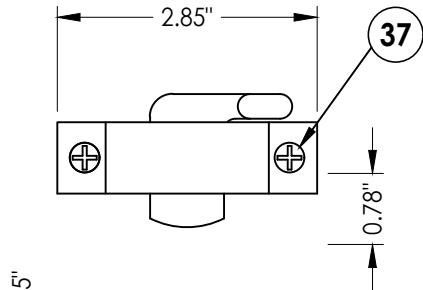
21 LITE FRAME



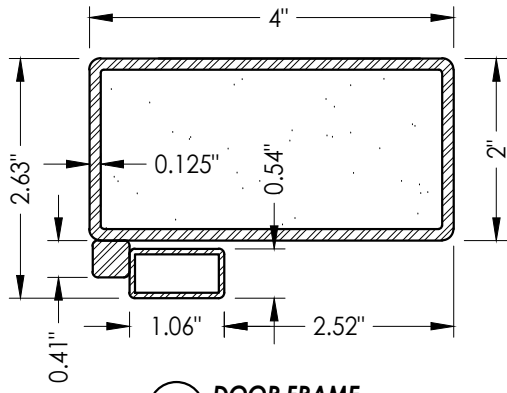
22 GLASS STOP



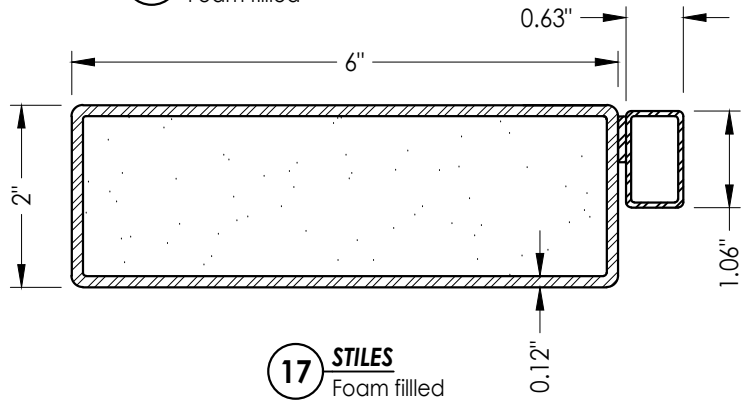
33 LATCH ASSEMBLY



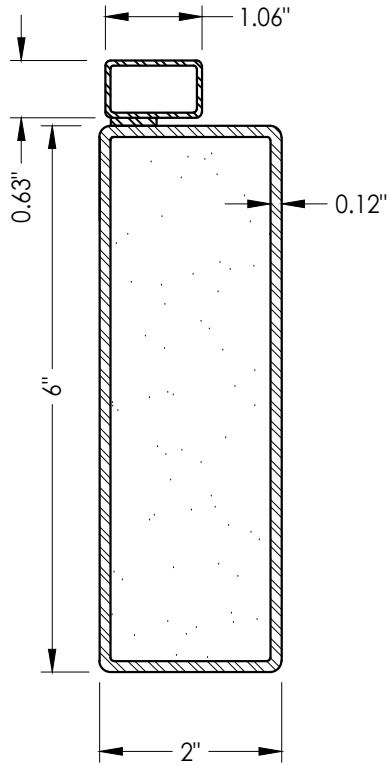
LATCH
STEEL



35 DOOR FRAME
Foam filled



17 STILES
Foam filled



18 TOP, BOTTOM RAIL
Foam filled

DATE: 12/14/11

SCALE: N.T.S.

DWG. BY: KV

CHK. BY: LFS

DRAWING NO.:

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SHEET 5 OF 6

PRODUCT:
ABBY IRON DOORS
GLAZED STEEL DOOR

PART OR ASSEMBLY:

COMPONENTS

Documents Prepared By:
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