



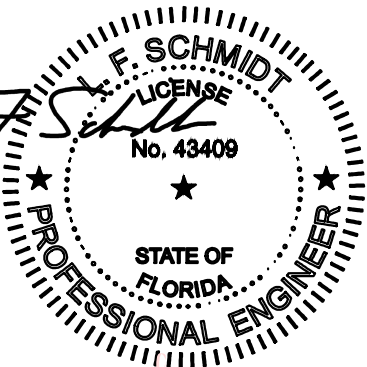
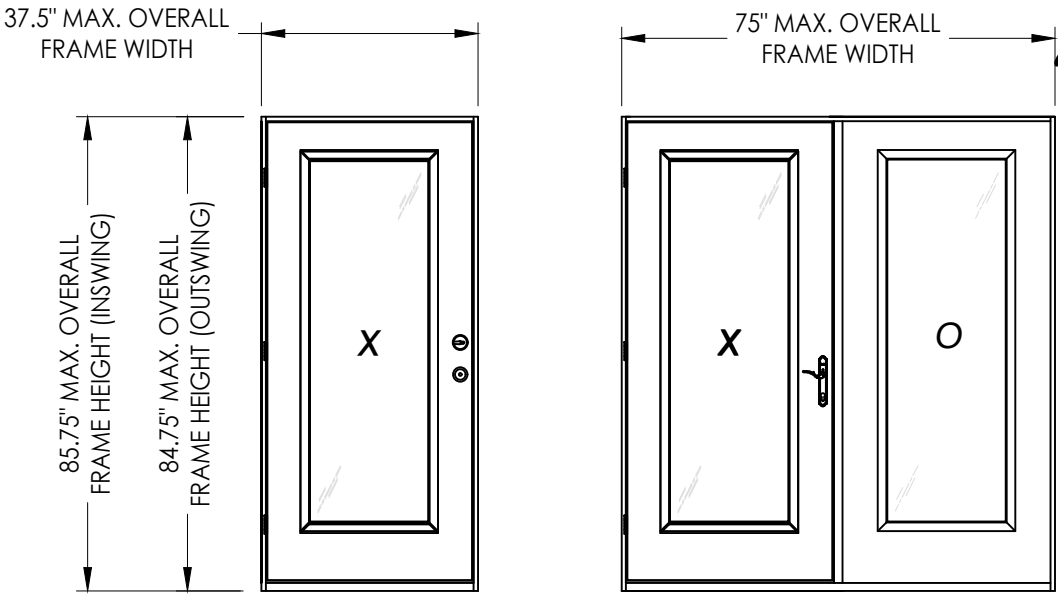
250 Staunton Turnpike, Parkersburg, WV 26104

GLAZED FIBERGLASS SINGLE DOOR
w/ or w/out SIDELITES
INSWING/OUTSWING
"NON-IMPACT"

GENERAL NOTES

1. This product anchoring drawing has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and rating.
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.

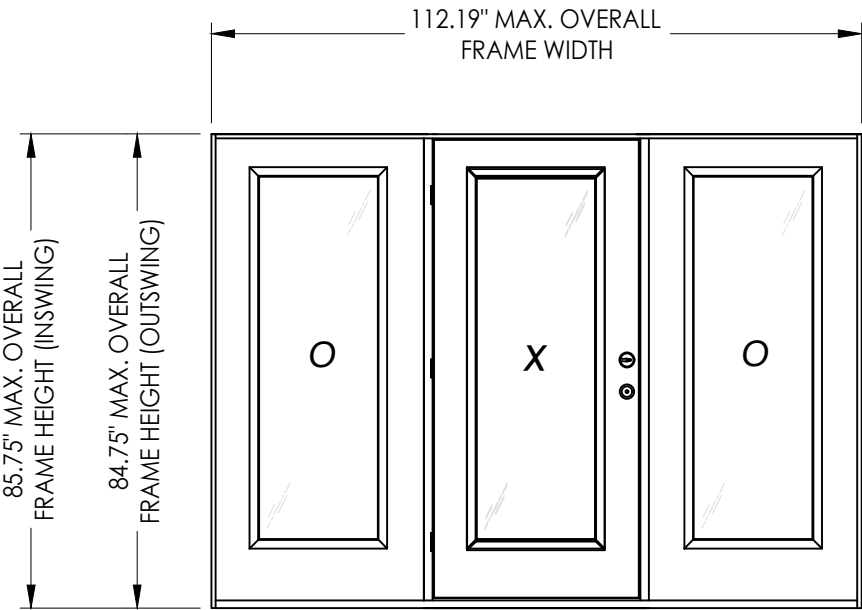
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SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel & Glazing Details
4	Elevations
5	Vertical & Horizontal Cross Sections (2X Buck Masonry)
6	Vertical & Horizontal Cross Sections (1X Buck Masonry)
7	Vertical & Horizontal Cross Sections (Direct to Masonry)
8	Horizontal & Vertical Cross Sections
9	Buck Anchoring
10	Frame Anchoring & Hardware Details
11	Bill of Materials & Components



Digitally signed by Lyndon F Schmidt
Date: 2023.07.11 13:59:31 -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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 85.75"	+35.0	-40.0	+45.0	-45.0
OX, XO	74.75" x 85.75"	+35.0	-40.0	+45.0	-45.0
O XO	112.19" x 85.75"	+35.0	-40.0	+45.0	-45.0
XOO	112.19" x 85.75"	N/A	N/A	+45.0	-45.0

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

WINCORE
FIBERGLASS DOOR

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

DATE: 6/04/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.5

SHEET 1 OF 11

2 7/06/23 UPDATE TO 8TH ED. (2023) FBC

1 8/20/20 UPDATE TO 7th ED. (2020) FBC

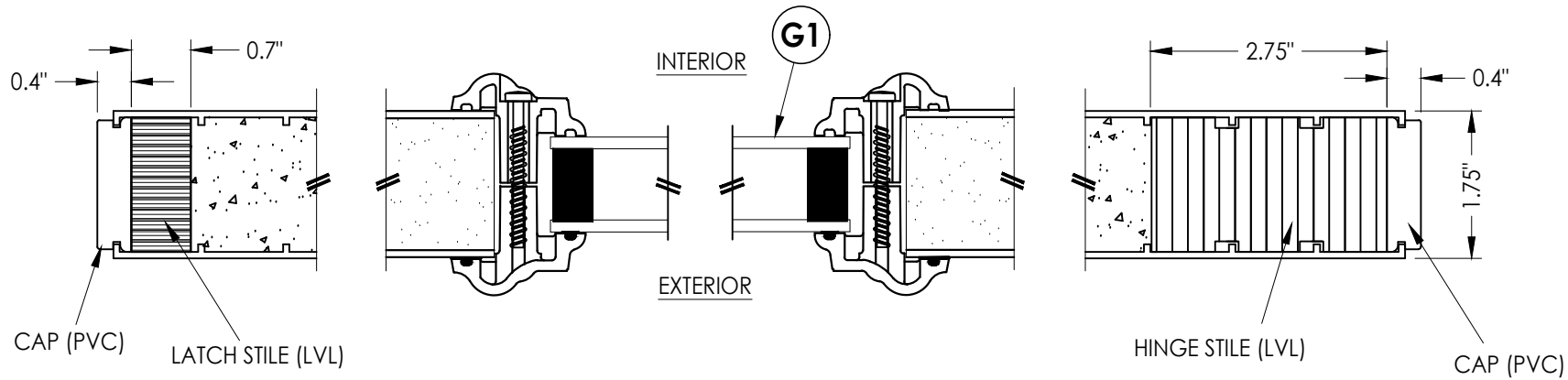
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REVISIONS

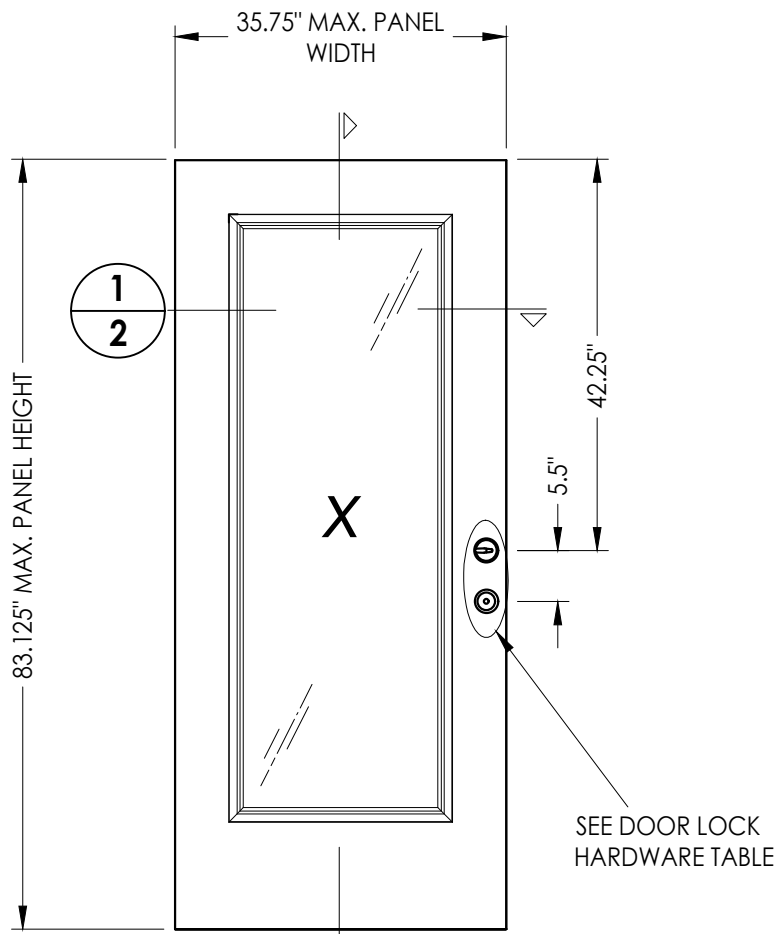
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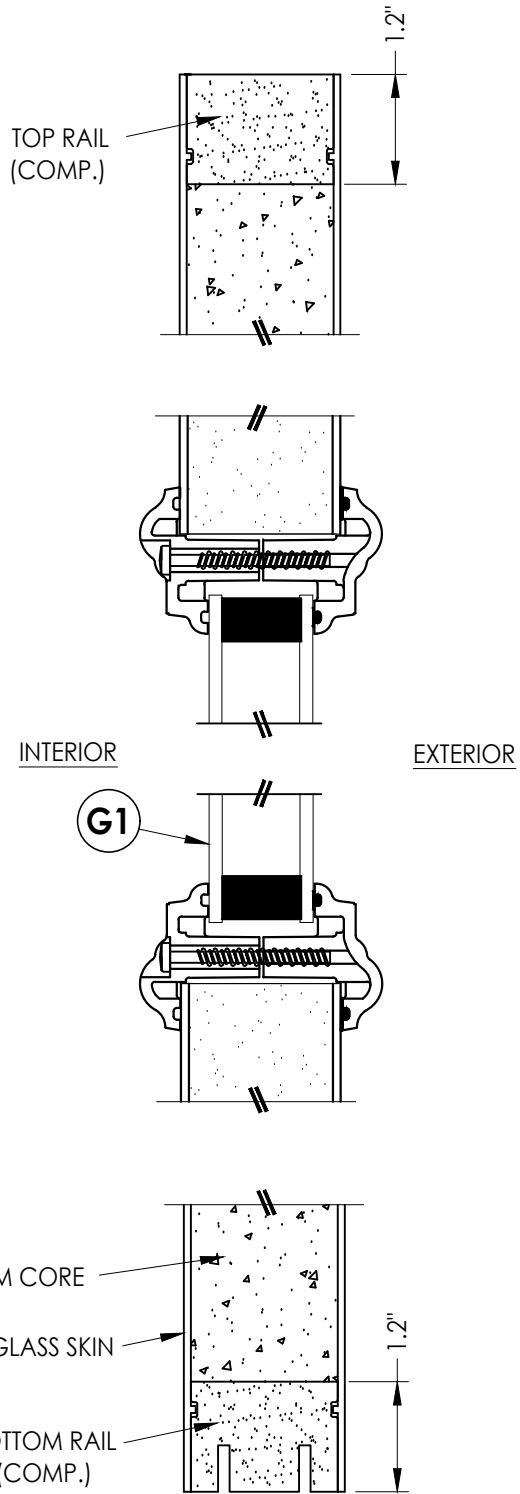
1
2 **HORIZONTAL CROSS SECTION**



40 **DOOR PANEL**
Plastpro Fiberglass

DOOR SKIN: FIBERGLASS SKIN (0.075" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

DOOR LOCK HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	Knob: F-SERIES Deadbolt: B-SERIES
TRILENNIUM	3000 SERIES MULTI-POINT LOCK (3pt.)



2
2 **VERTICAL CROSS SECTION**

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

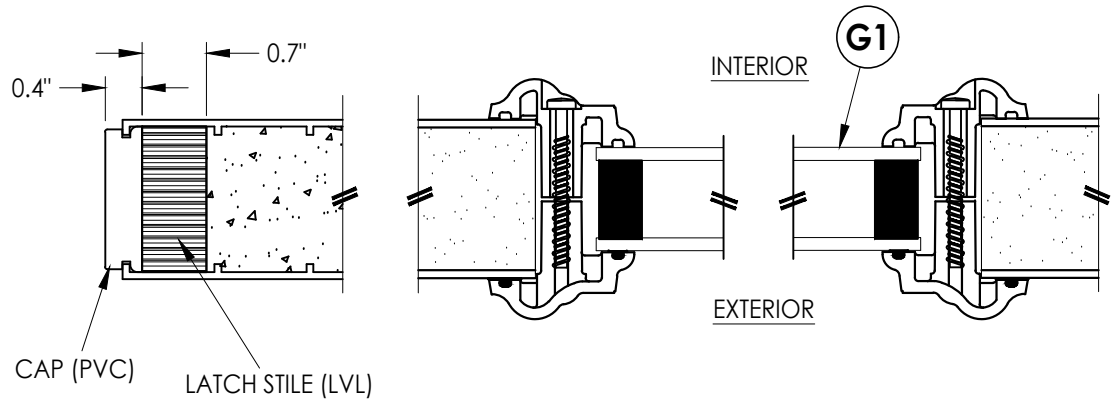
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PRODUCT:	
WINCORE FIBERGLASS DOOR	
PART OR ASSEMBLY:	
DOOR PANEL DETAILS	

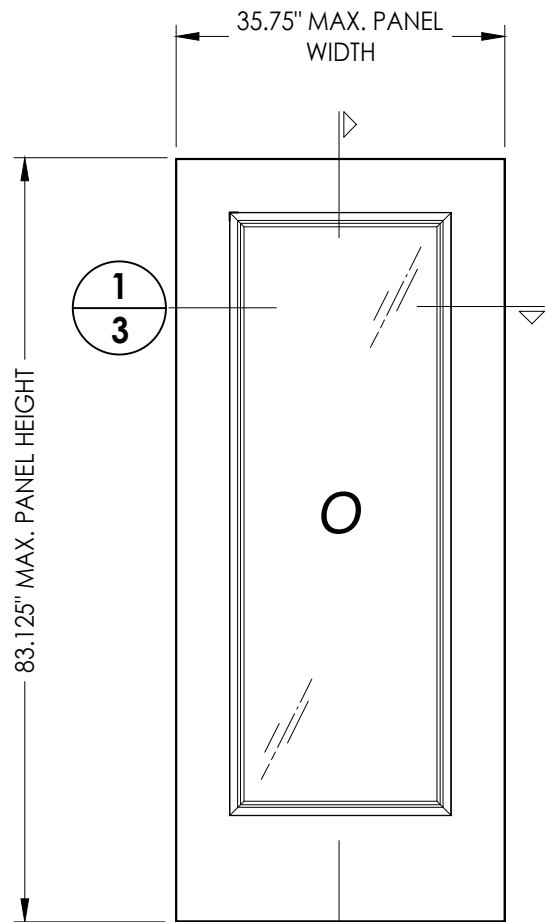
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NO.	DATE
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1	8/20/20
1	8/20/20
1	8/20/20

DATE: 6/04/19
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.:
FL-30006.5
SHEET 2 OF 11

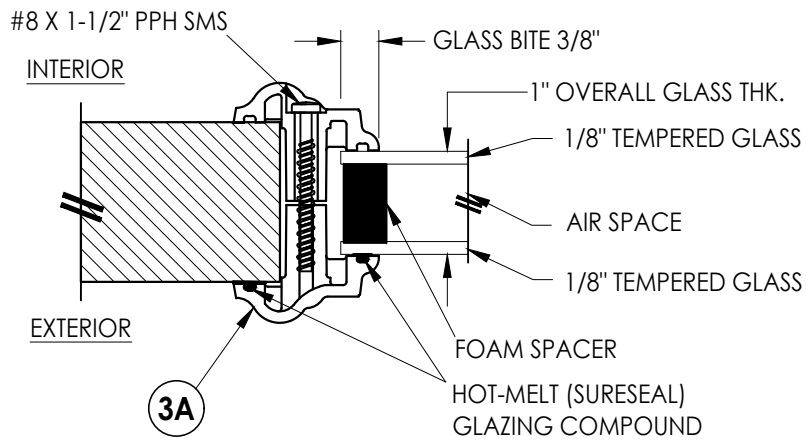
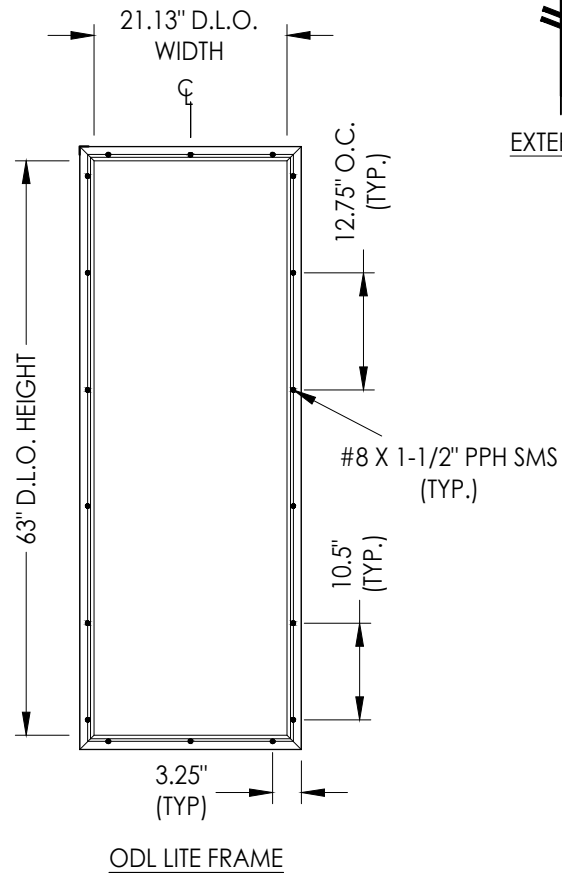
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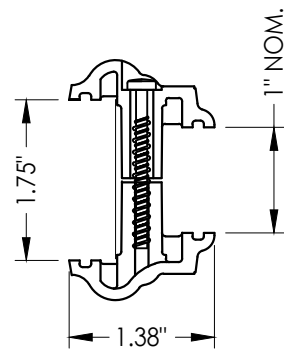
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3 **HORIZONTAL CROSS SECTION**



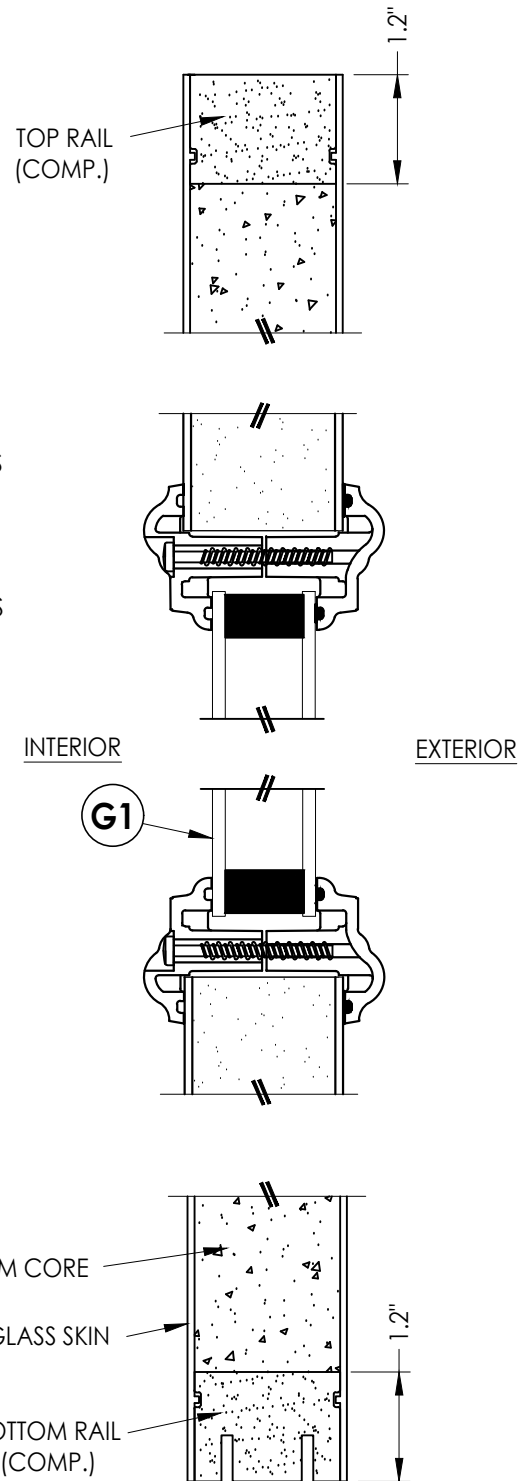
2
3
50 SIDELITE PANEL
Plastpro Fiberglass



G1 GLAZING DETAIL



3A ODL LITE FRAME
HP Polypropylene



2
3 **VERTICAL CROSS SECTION**

SIDELITE SKIN: FIBERGLASS SKIN (0.075" MIN. THK.)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)

Documents Prepared By:
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P.E. No. 43409

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PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
SIDELITE PANEL &
GLAZING DETAILS

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/20/20	UPDATE TO 7th ED. (2020) FBC DAC
		BY

DATE: 6/04/19

SCALE: N.T.S.

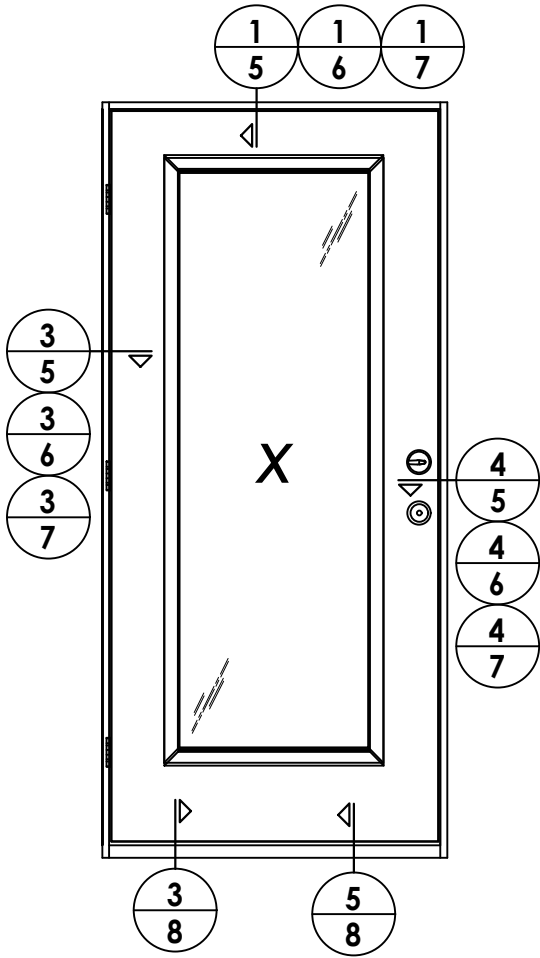
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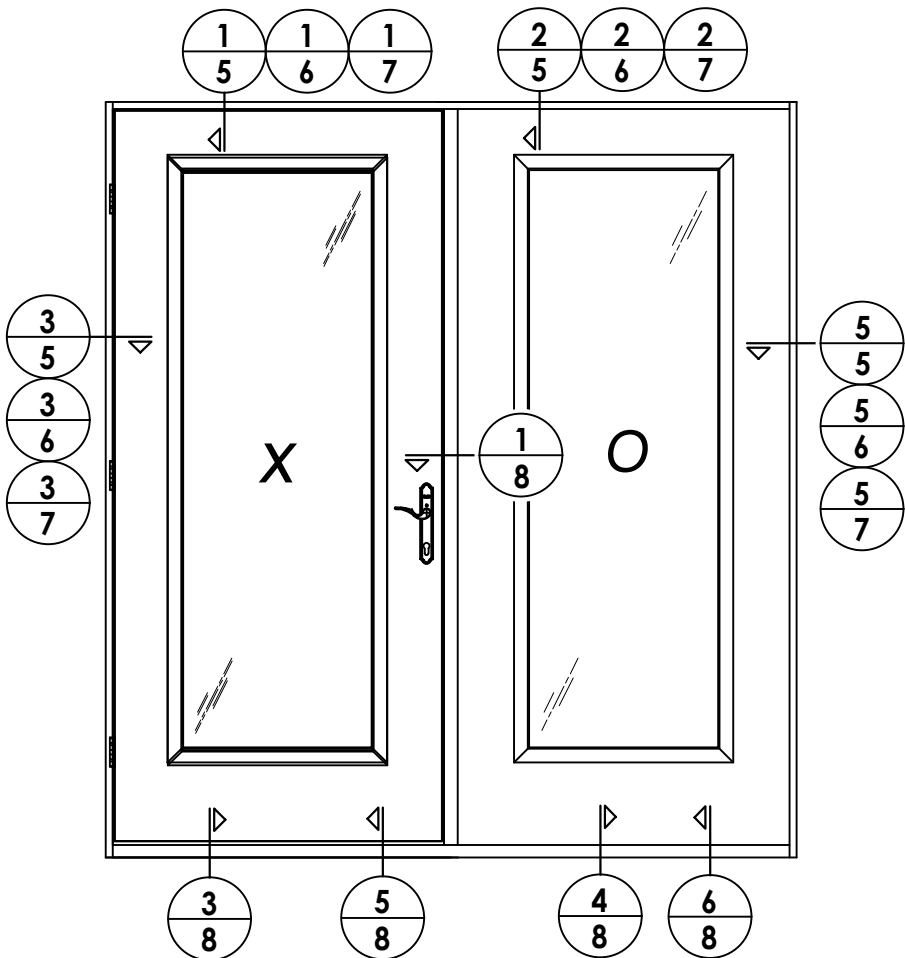
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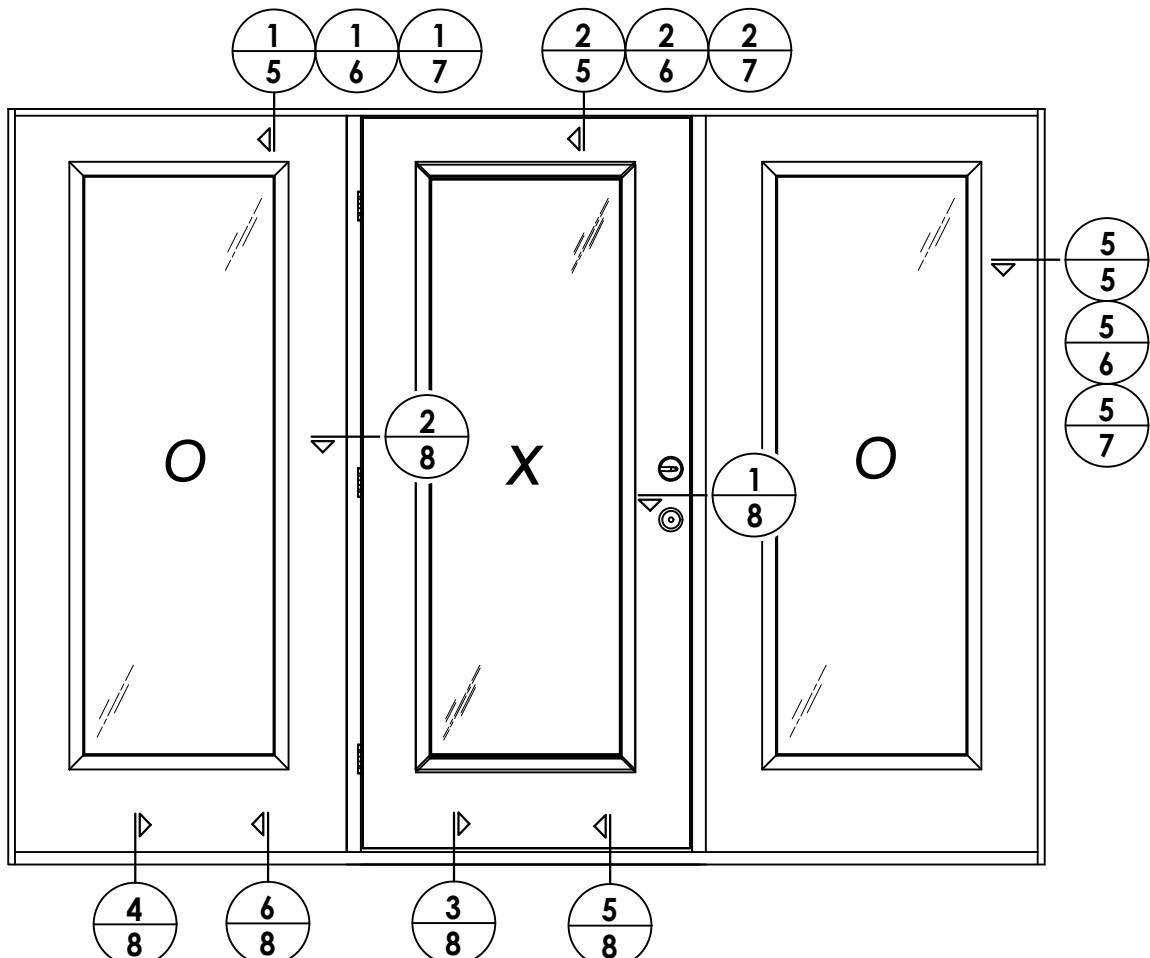
SHEET 3 OF 11



ELEVATION
X



ELEVATION
XO, OX



ELEVATION
OXO, XO, OOX

NO.	DATE	REVISIONS	
		DATE	BY
2	7/06/23	UPDATE TO 8TH ED. (2023)	LFS
1	8/20/20	UPDATE TO 7th ED. (2020)	DAC

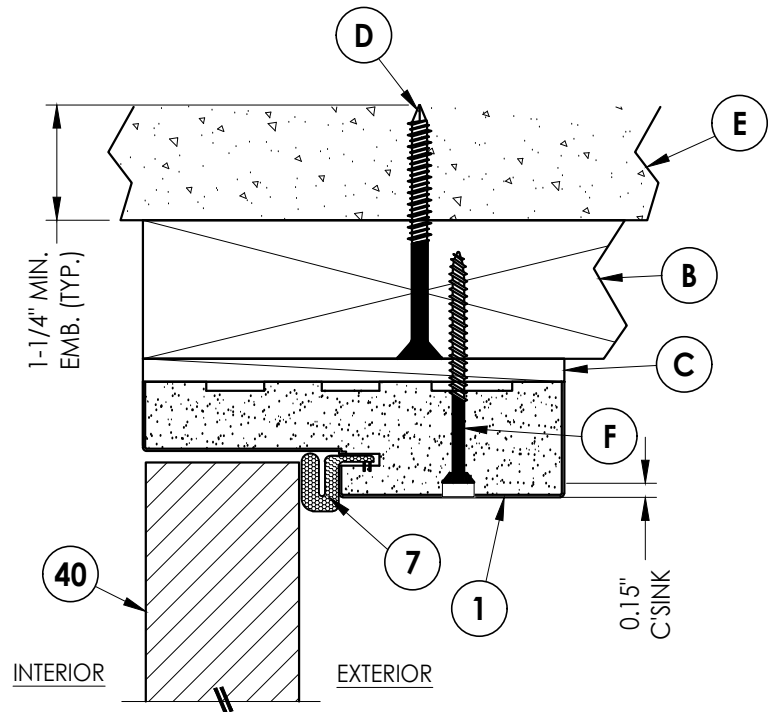
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SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.5
SHEET	4 OF 11

PRODUCT:	WINCORE FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

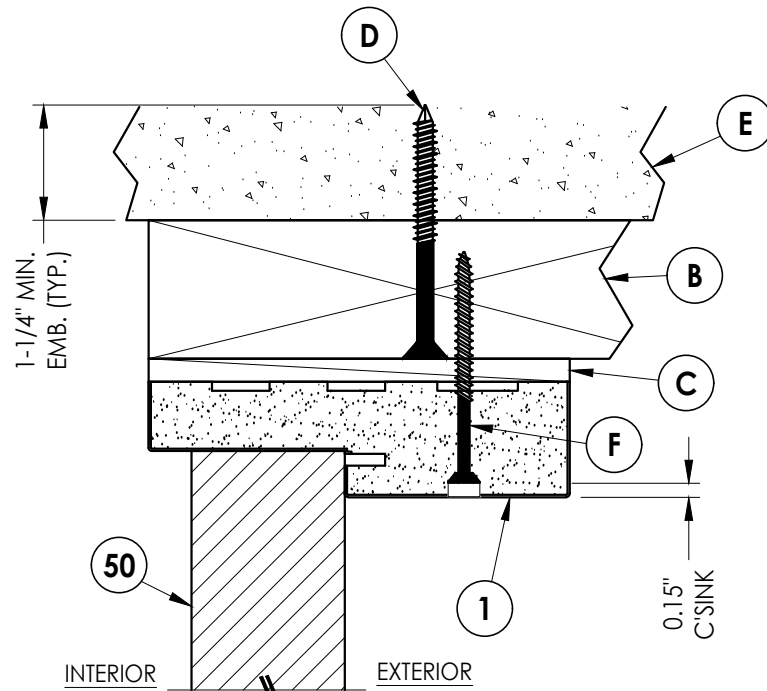
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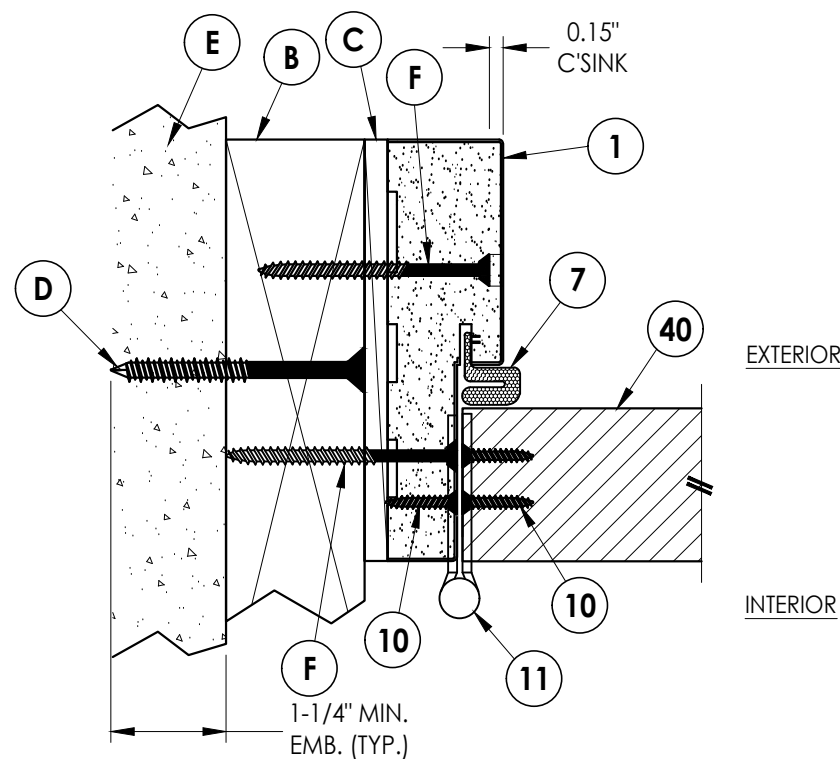
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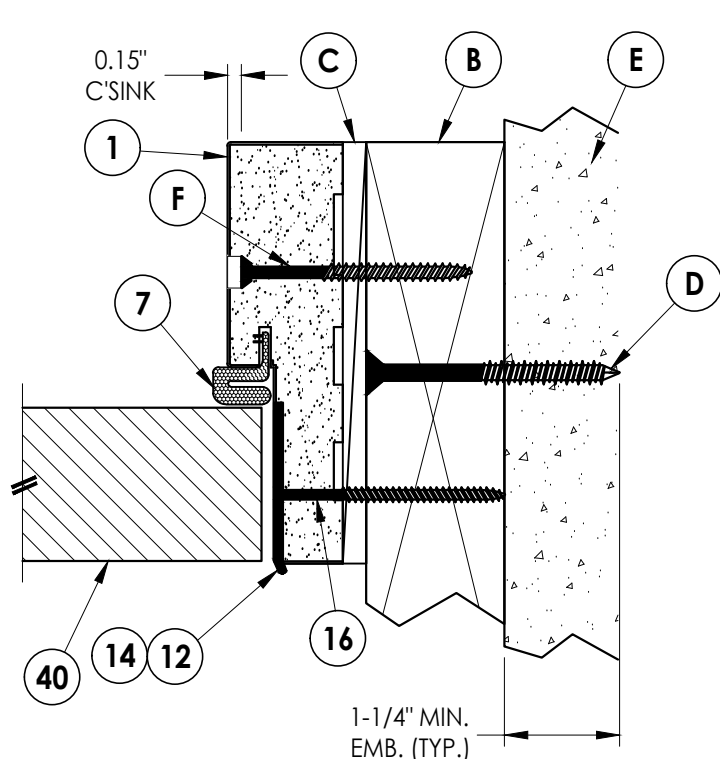
1
5 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



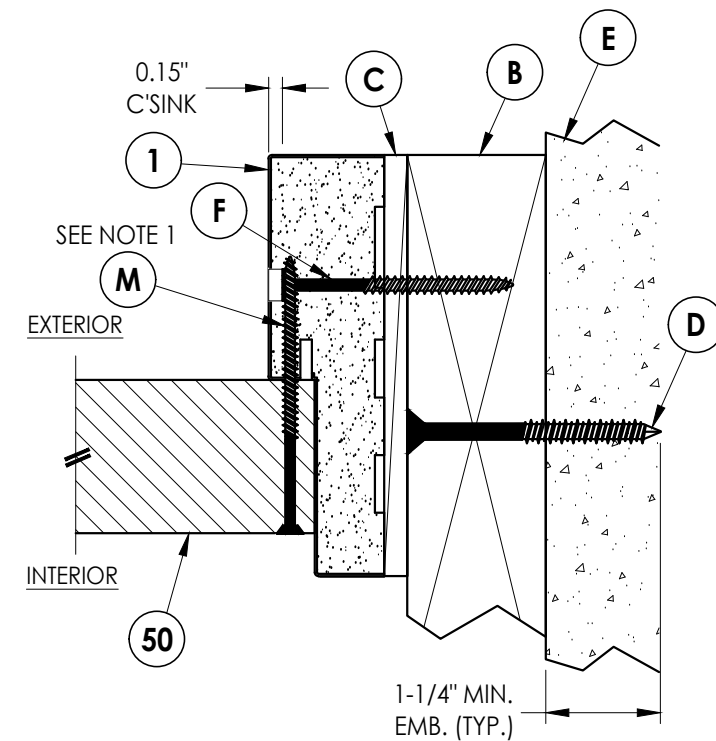
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5 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



3
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



4
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction



5
5 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
2X Buck Construction

NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.

Documents Prepared By:
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PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (2X BUCK MASONRY)

NO.	DATE	REVISIONS	BY
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020) FBC	DAC

DATE: 6/04/19

SCALE: N.T.S.

DWG. BY: RW

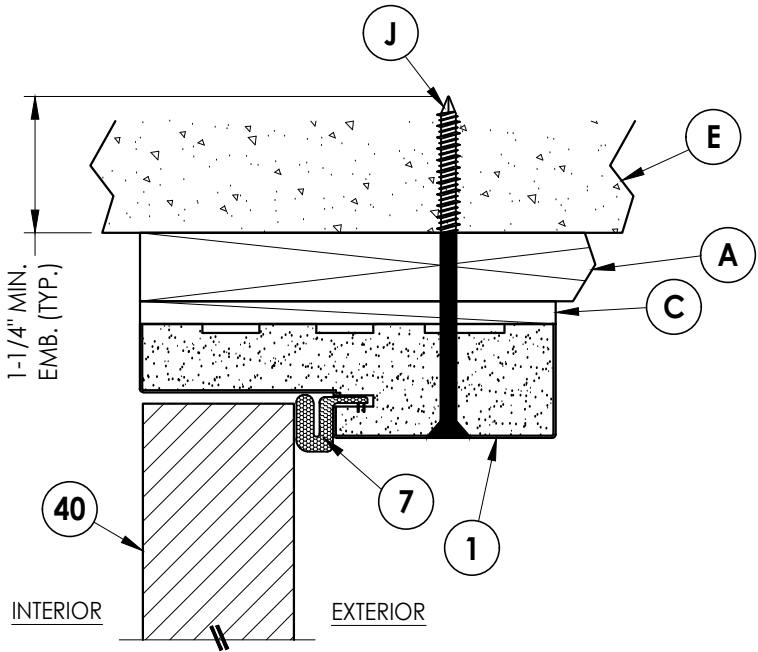
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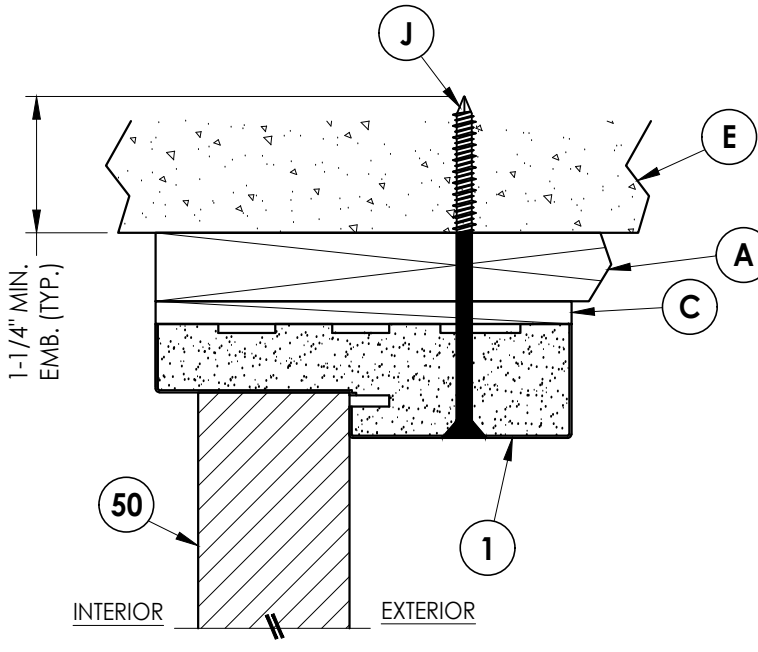
FL-30006.5

SHEET 5 OF 11

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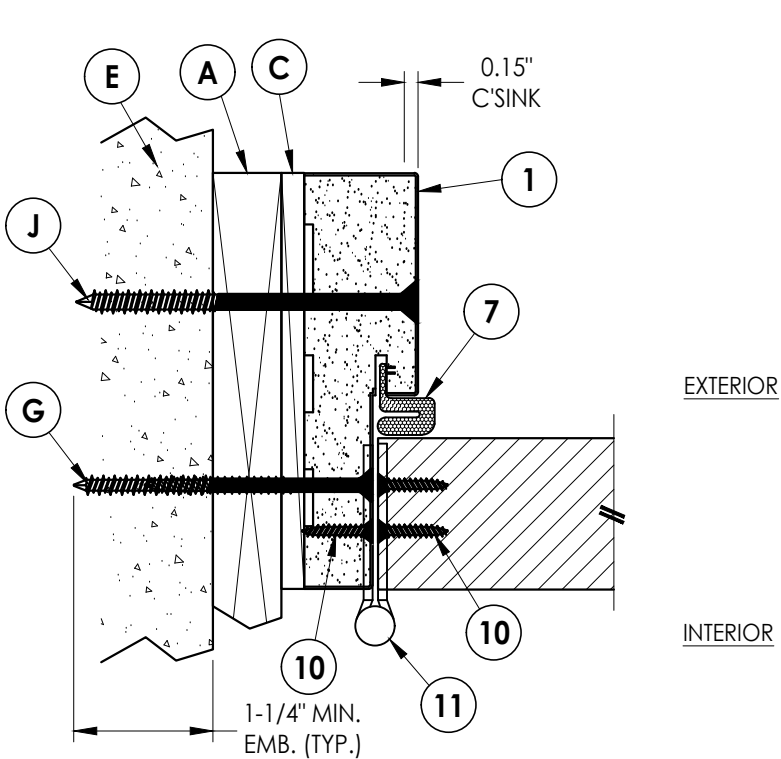


1
6 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction

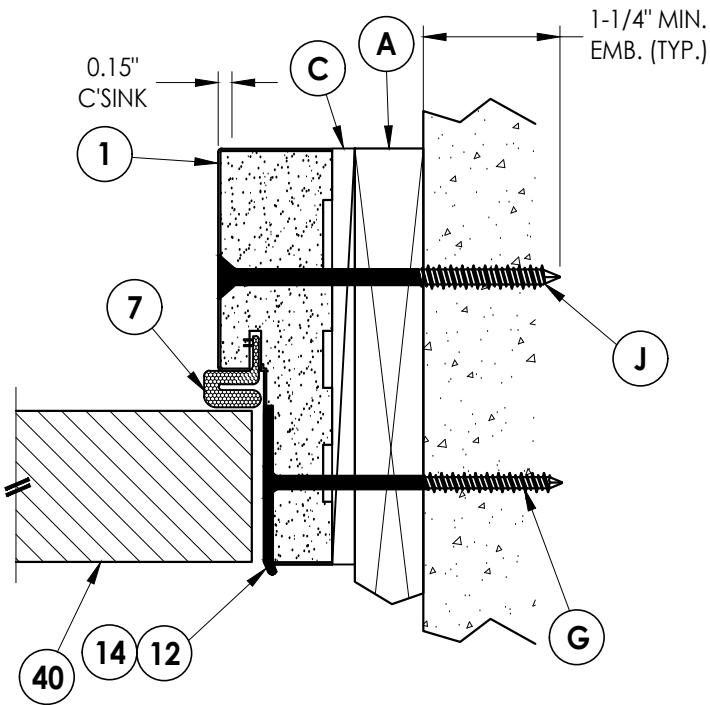


2
6 **VERTICAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction

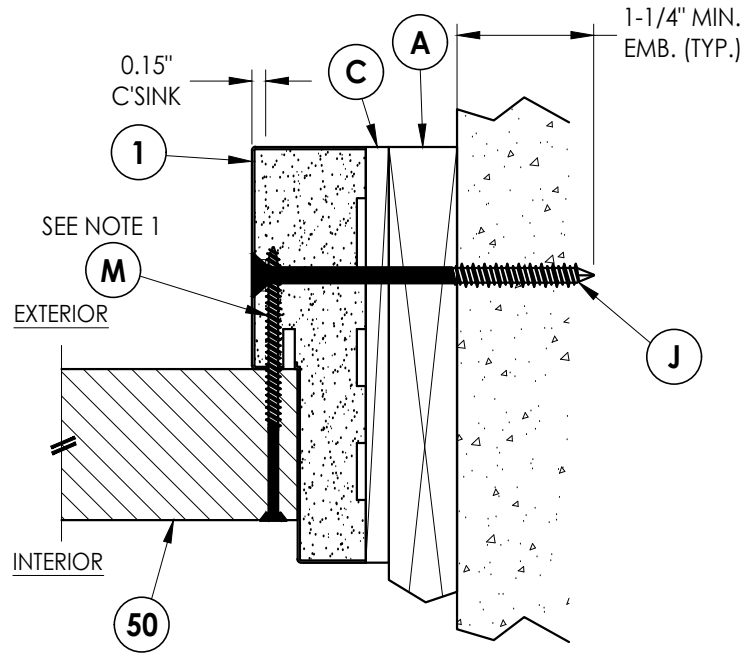
NOTE:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.



3
6 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction



4
6 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction



5
6 **HORIZONTAL CROSS SECTION**
Inswing shown (Outswing similar)
1X Buck Construction

Documents Prepared By:
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P.E. No. 43409

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PRODUCT: WINCORE
FIBERGLASS DOOR
PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (1X BUCK MASONRY)

REVISIONS		DATE	BY	NO.
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	8/20/20	UPDATE TO 7th ED. (2020)	FBC	DAC

DATE: 6/04/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

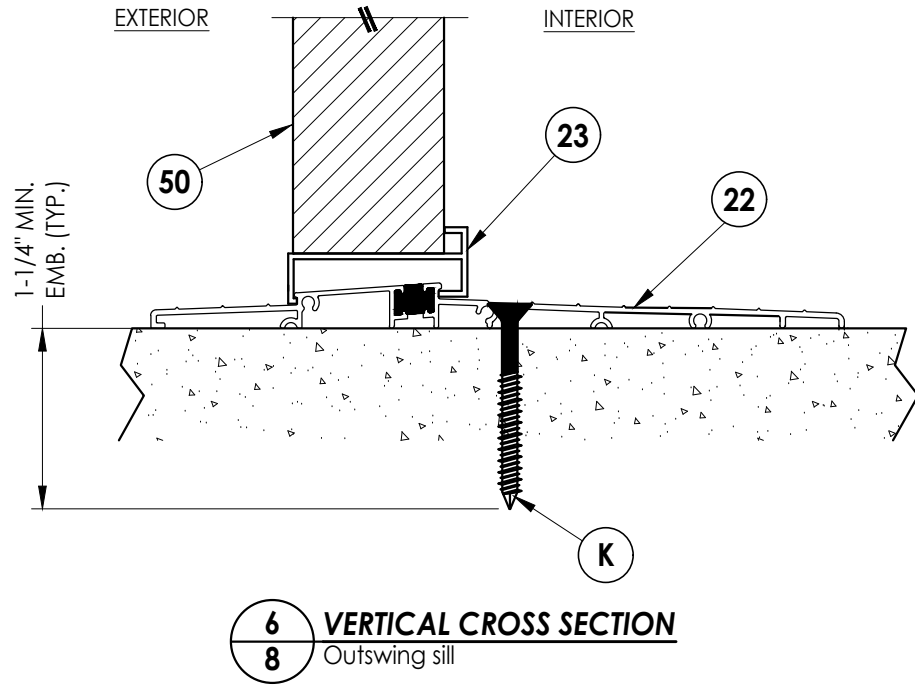
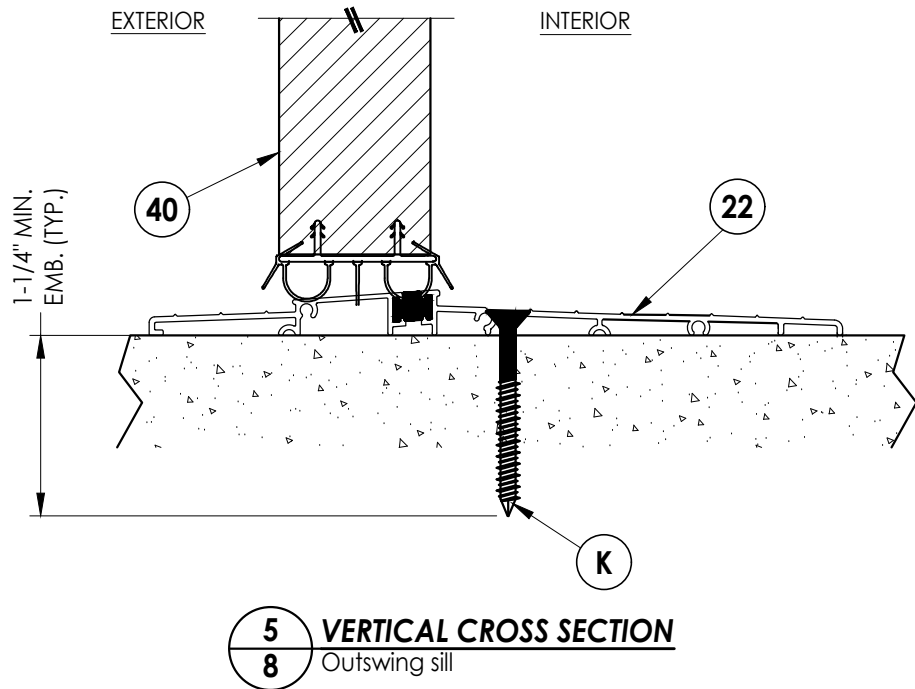
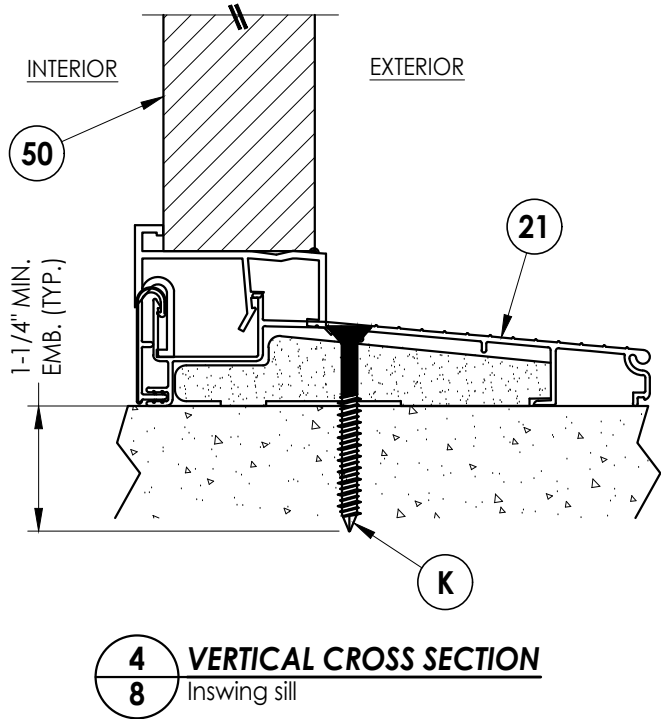
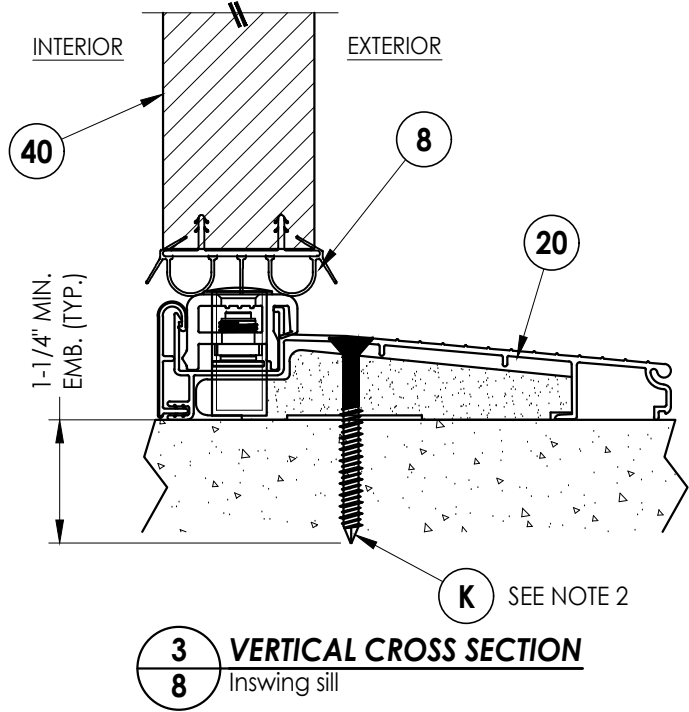
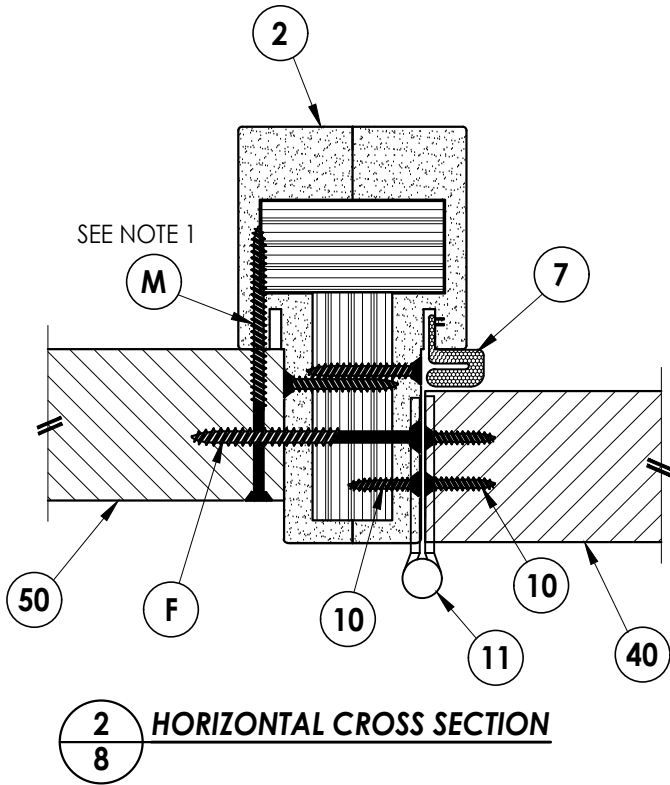
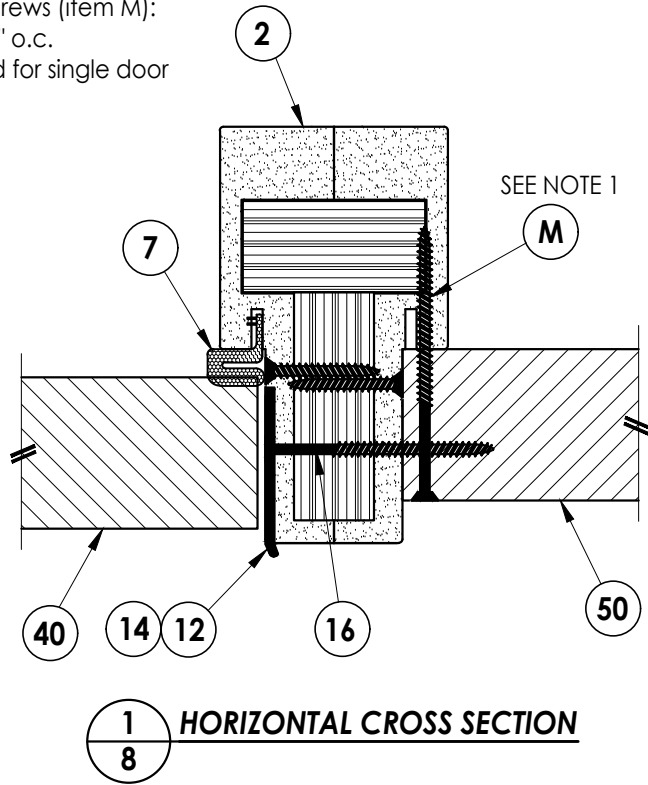
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FL-30006.5

SHEET 6 OF 11



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- NOTES:
1. Spacing for sidelite screws (item M):
4" from each end & 8" o.c.
2. Anchor is not required for single door
without sidelites.



Documents Prepared By:
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P.E. No. 43409

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PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC
1	8/20/20	UPDATE TO 7th ED. (2020) FBC

DATE: 6/04/19

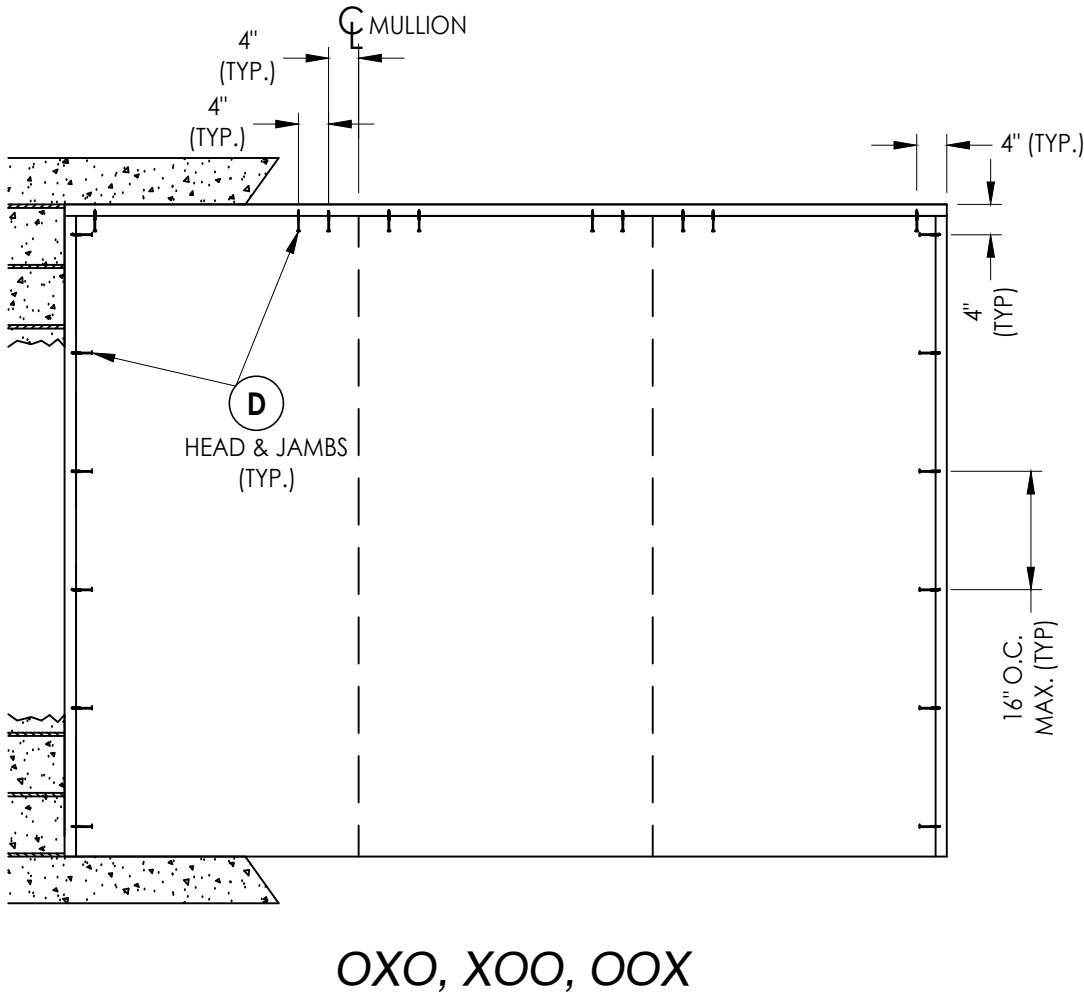
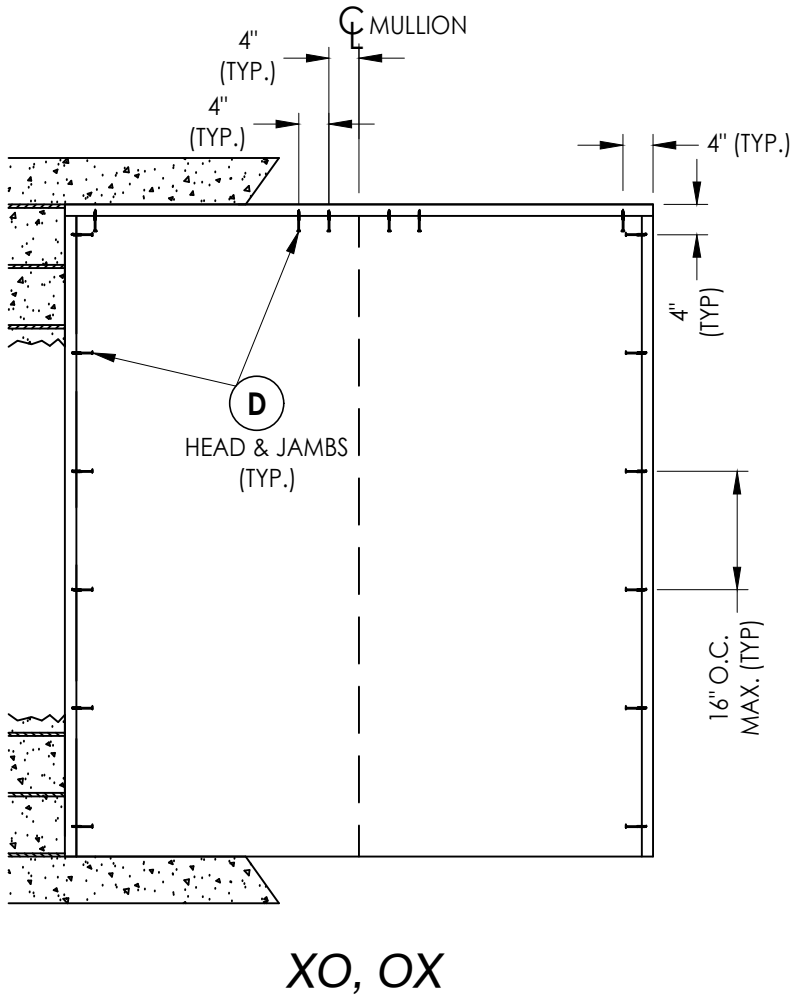
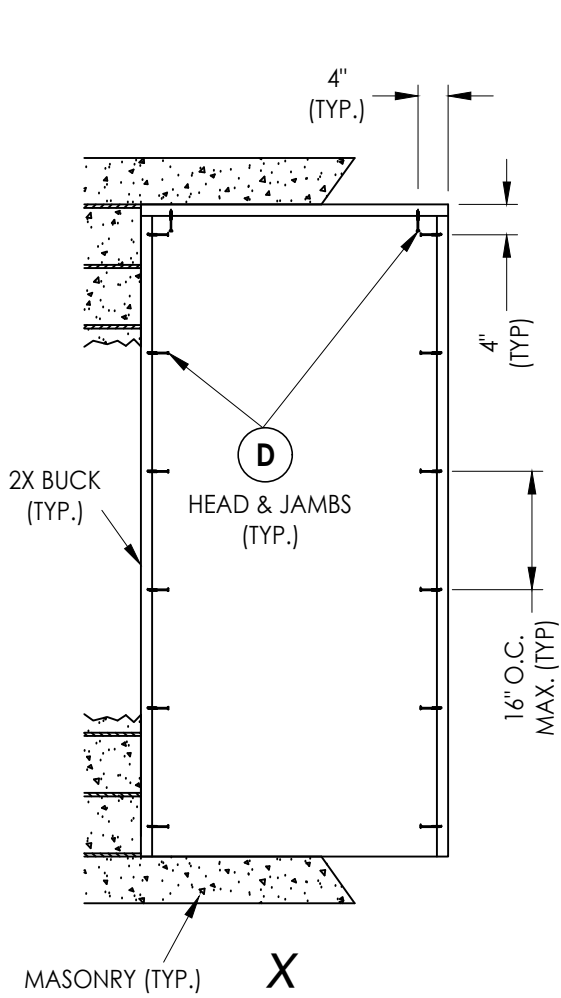
SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-30006.5

SHEET 8 OF 11



2X BUCK ANCHORING

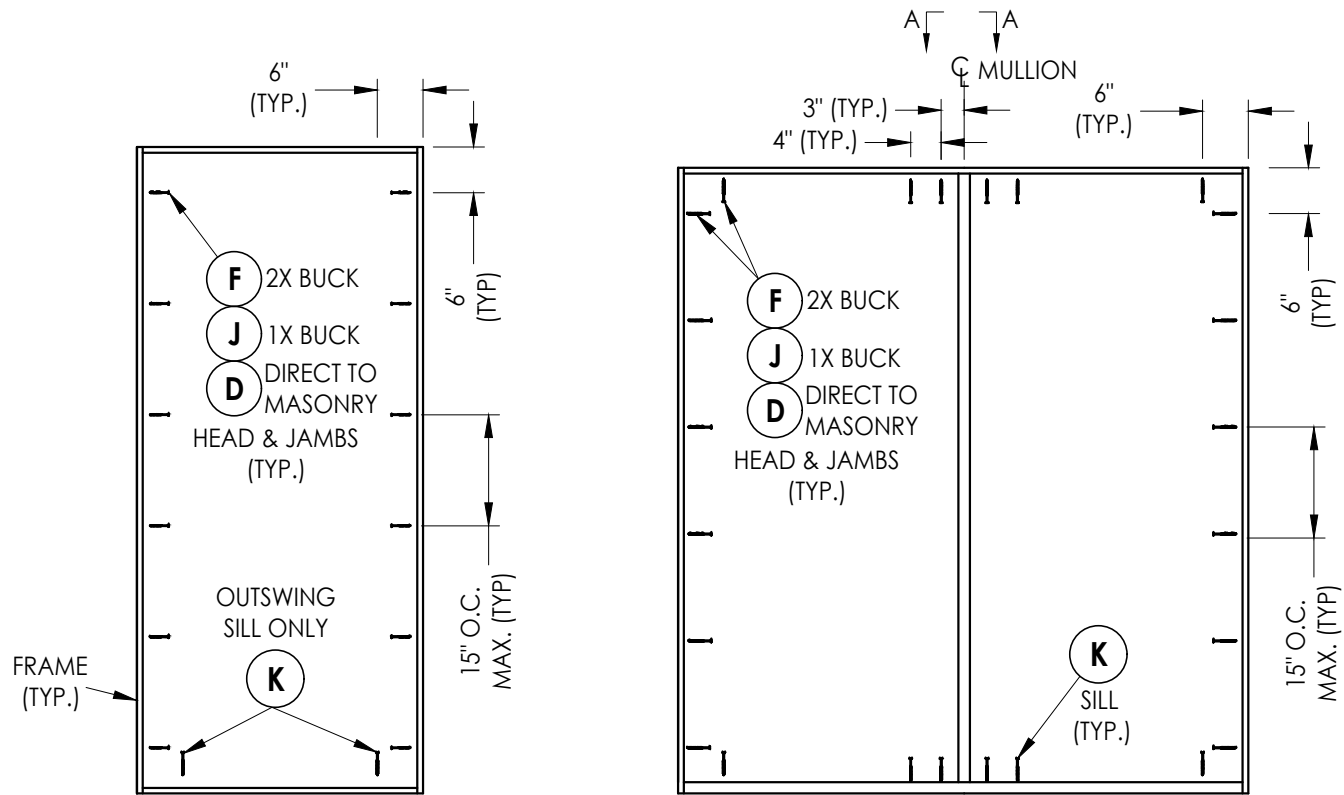
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DRAWING NO.: FL-30006.5	
SHEET 9	OF 11

NO.		DATE		REVISIONS	
2	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	8/20/20	UPDATE TO 7th ED. (2020)	FBC	DAC	

PRODUCT: WINCORE FIBERGLASS DOOR	
PART OR ASSEMBLY: BUCK ANCHORING	

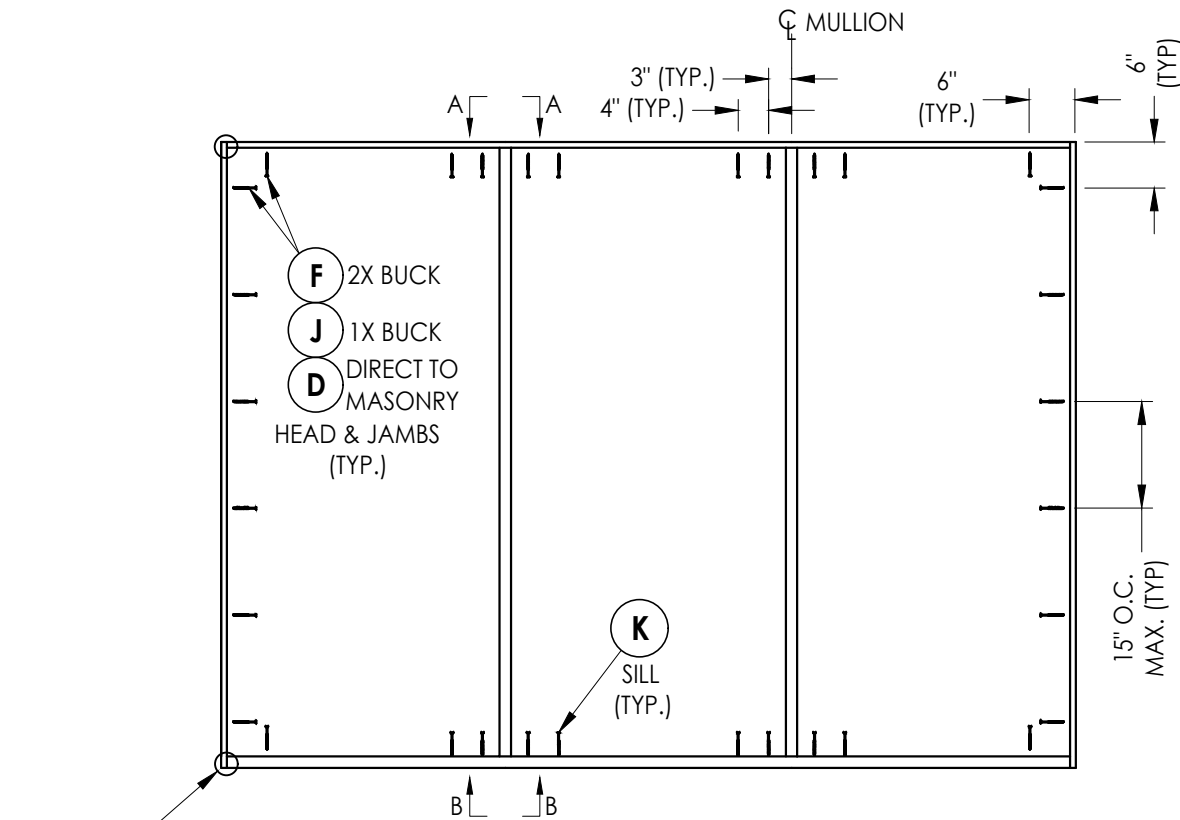
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X OUTSWING ONLY

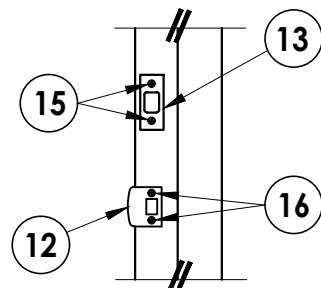
XO, OX



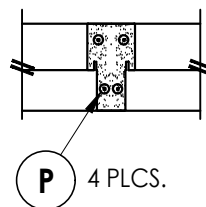
OXO, XOO, OOX

ATTACH HEAD/SILL TO JAMB w/ (3)
#8 X 2" DRYWALL SCREWS (TYP.)

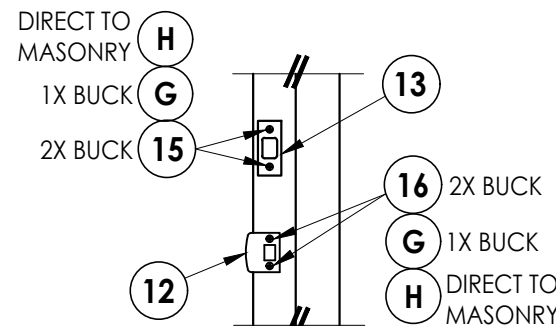
FRAME ANCHORING



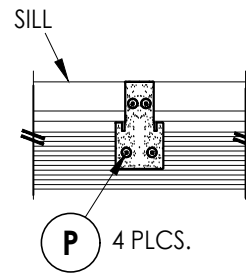
STRIKE DETAIL
LATCH & DEADBOLT
@ MULLION



VIEW A-A



STRIKE DETAIL
LATCH & DEADBOLT
@ JAMB

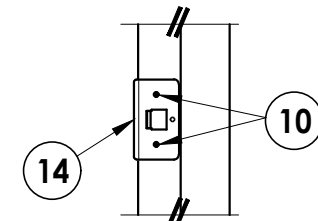
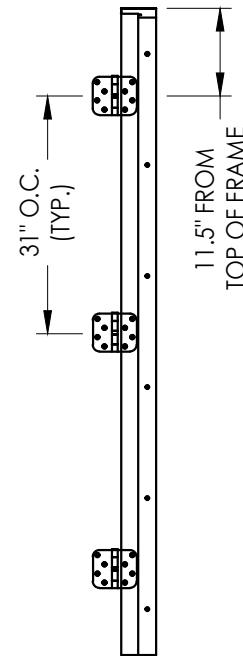
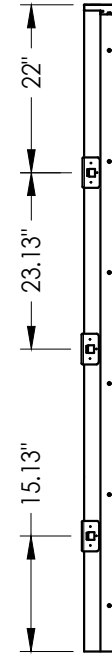
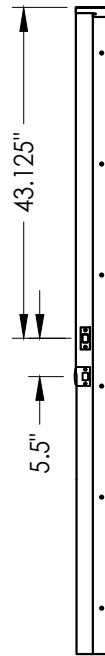


VIEW B-B

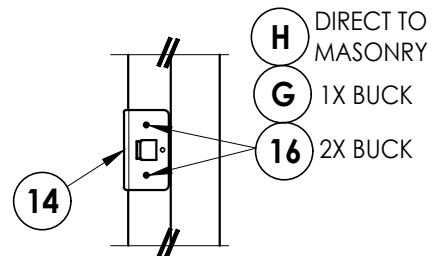
STRIKE JAMB/MULLION
LATCH & DEADBOLT

STRIKE MULLION
MULTI-POINT LOCK

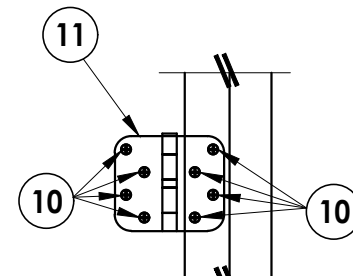
HINGE JAMB



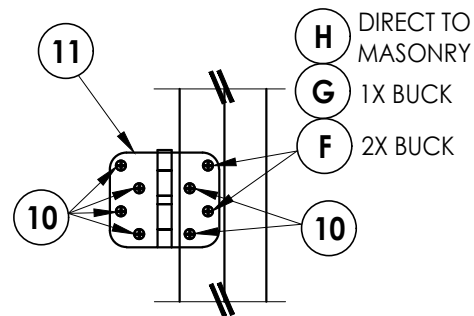
STRIKE DETAIL
MULTI-POINT LOCK
@ MULLION



STRIKE DETAIL
MULTI-POINT LOCK
@ JAMB



HINGE DETAIL
@ MULLION



HINGE DETAIL
@ JAMB

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

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PRODUCT:
WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC
1	8/20/20	UPDATE TO 7th ED. (2020) FBC
NO.	DATE	BY

DATE:	6/04/19
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-30006.5
SHEET	10 OF 11

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
M	#8 X 3" PFH WOOD SCREW	STEEL
P	#10 X 3" WAFER HEAD WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP
2	INTEGRAL MULLION	PVC/LVL
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	MULTI-POINT STRIKE PLATE	STEEL
15	#12 X 2-1/2" PFH WOOD SCREW	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
20	INSWING THRESHOLD	ALUM/COMP
21	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
22	OUTSWING ADA THRESHOLD	ALUM
23	SIDELITE SPACER	PVC
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET	-

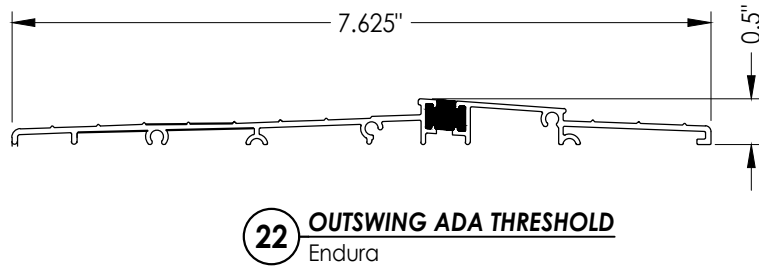
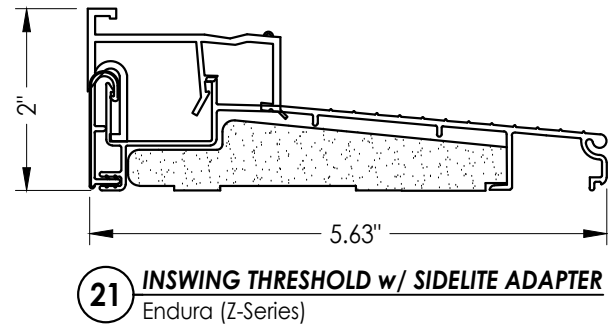
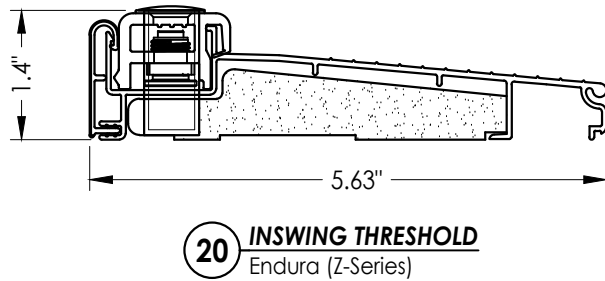
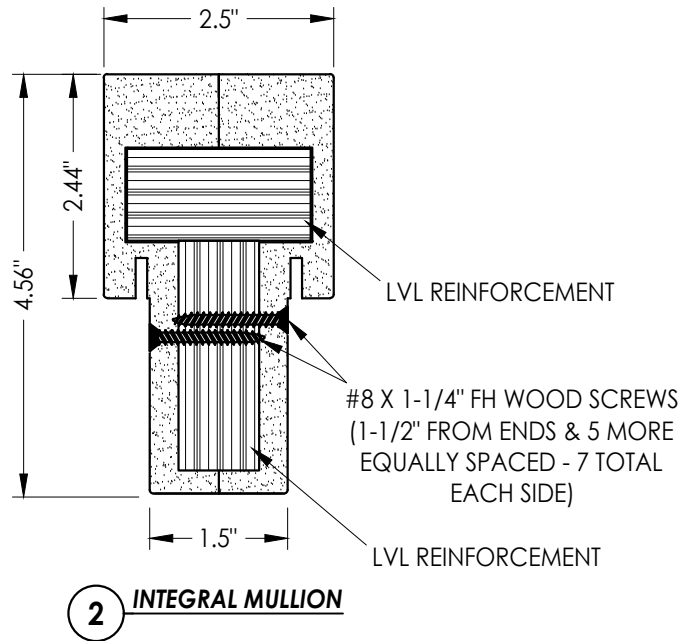
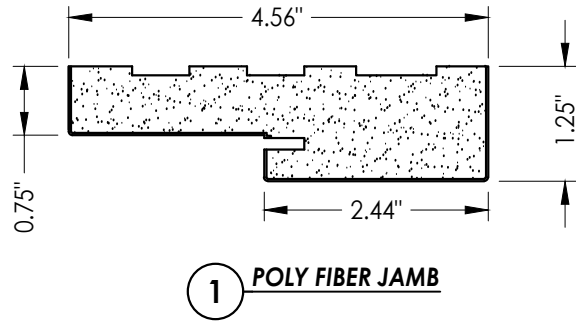
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

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

WOOD SCREW INSTALLATION NOTES:

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



Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry License No. 9813

PRODUCT: WINCORE
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS
2	7/06/23	UPDATE TO 8TH ED. (2023) FBC
1	8/20/20	UPDATE TO 7th ED. (2020) FBC

DATE: 6/04/19

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.:
FL-30006.5

SHEET 11 OF 11