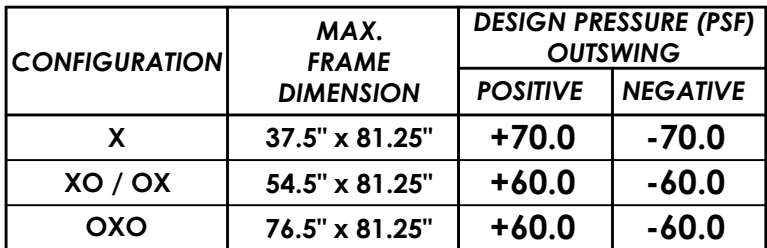
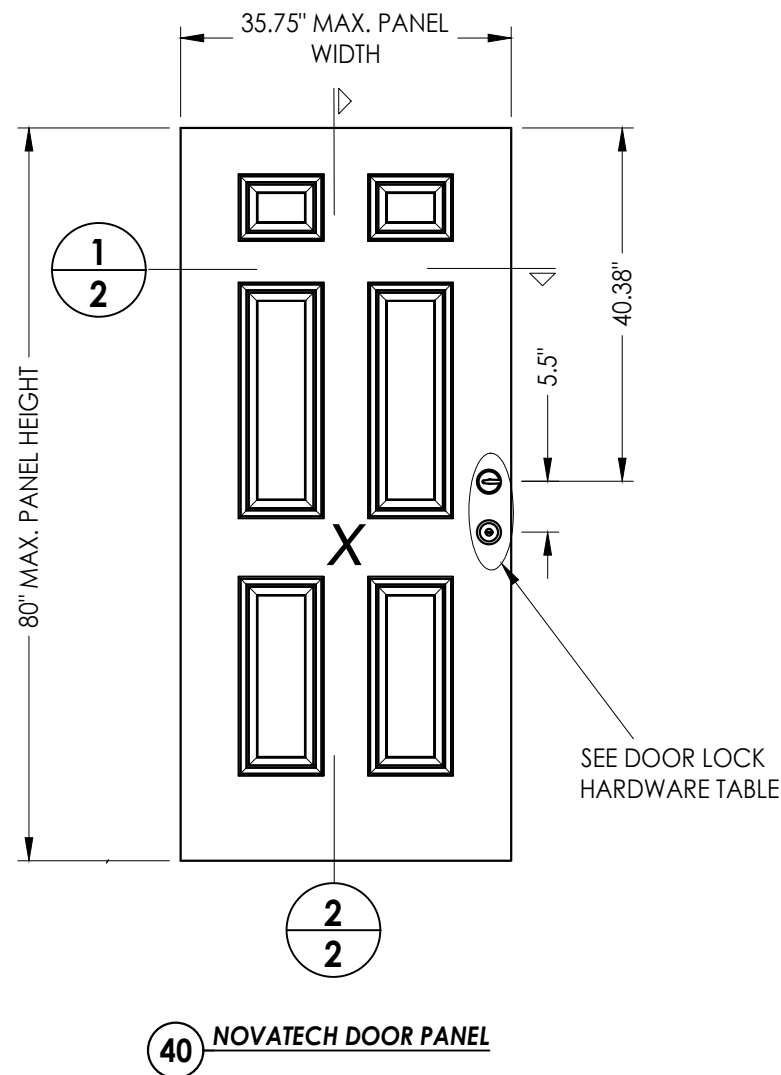
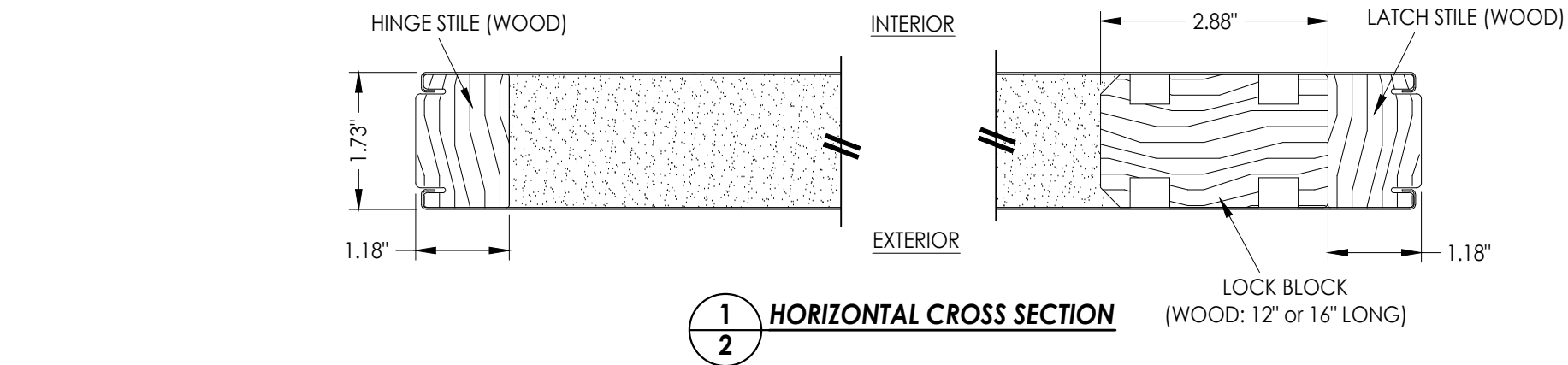


GENERAL NOTES

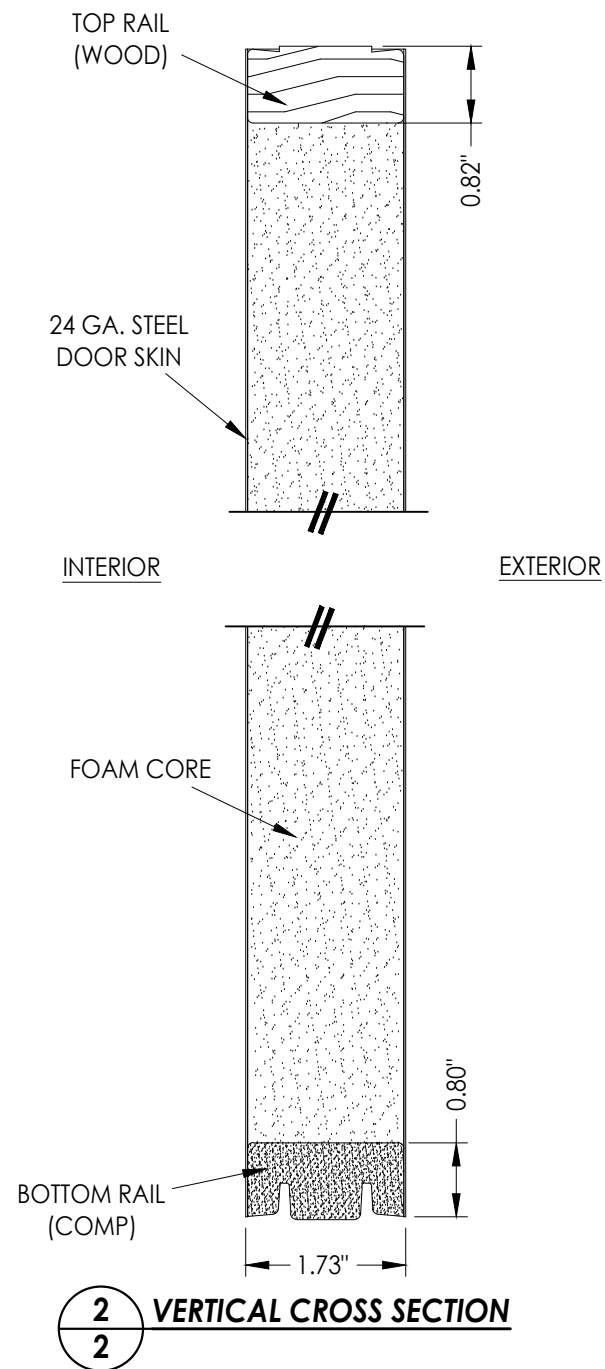
- | TABLE OF CONTENTS | |
|-------------------|--|
| SHEET # | DESCRIPTION |
| 1 | Typical Elevations, Design Pressures & General Notes |
| 2 | Door Panel Details |
| 3 | Sidelite Panel Details and Glazing Detail |
| 4 | Elevations |
| 5 | Vertical Cross Sections |
| 6 | Horizontal Cross Sections |
| 7 | Buck Anchoring |
| 8 | Frame Anchoring & Hardware Details |
| 9 | Bill of Materials & Components |



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DOOR LOCK HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60N
YALE	KNOB:	NEW TRADITIONS
	DEADBOLT:	YH 82



DOOR SKIN: 24 GA. STEEL (0.021" MIN. THICKNESS, $F_y = 26,800$ PSI MIN.)
CORE MATERIAL: POLYURETHANE FOAM (2.0 PCF MIN.)

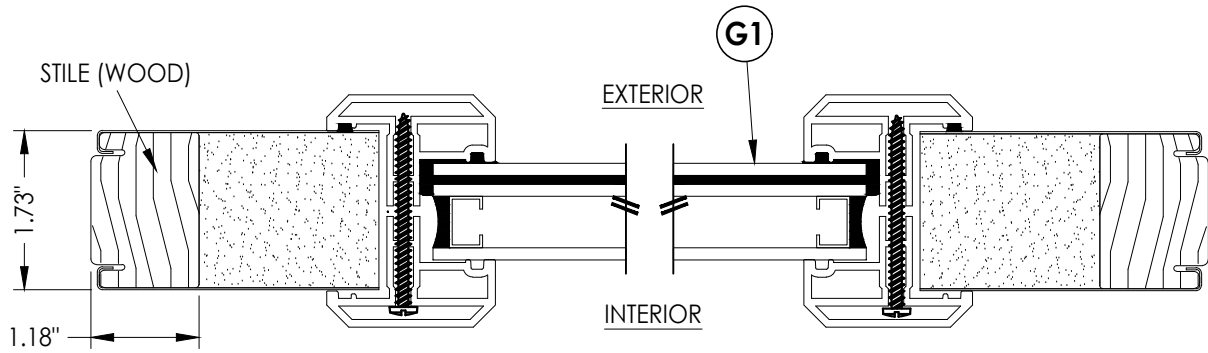
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

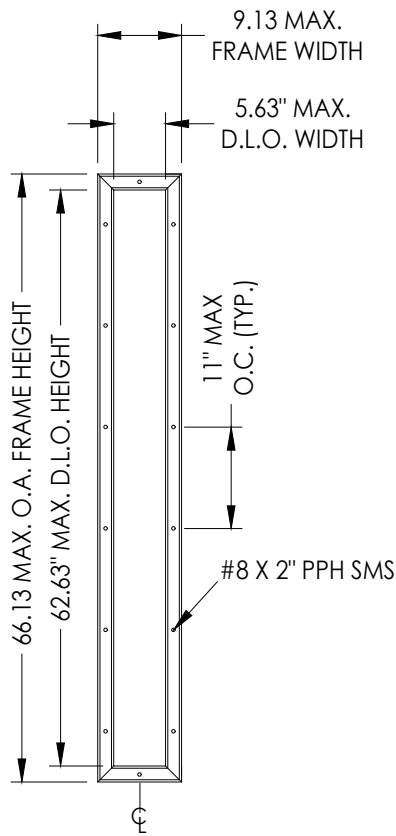
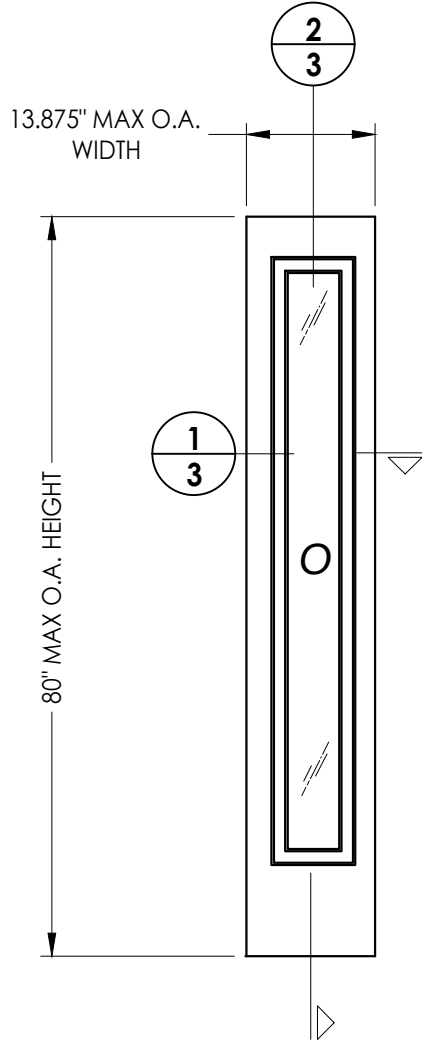
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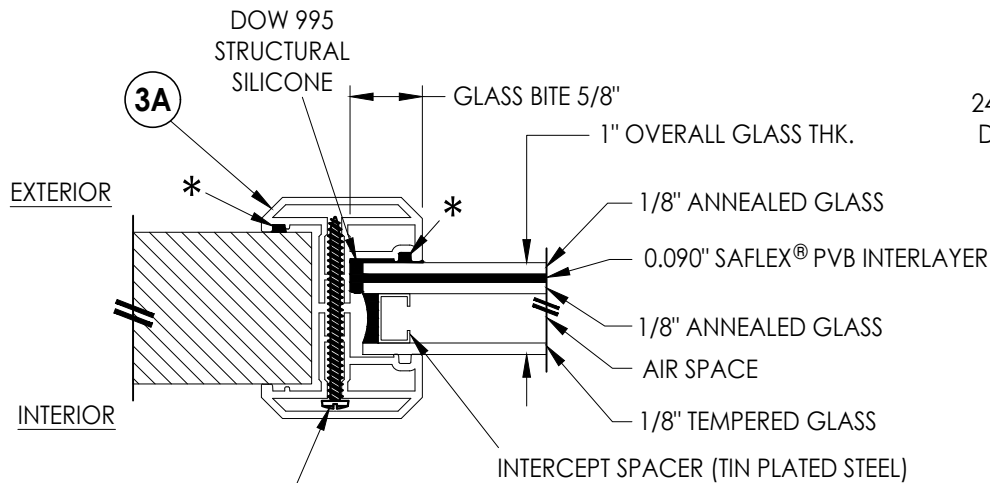


1
3 **HORIZONTAL CROSS SECTION**



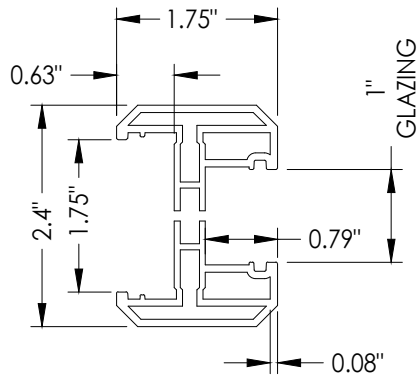
ODL LITE FRAME
14" SIDELITE PANEL

SIDELITE SKIN: 24 GA. STEEL (0.021" MIN. THICKNESS, Fy = 26,800 PSI MIN.)
CORE MATERIAL: POLYURETHANE FOAM (2.0 PCF MIN.)

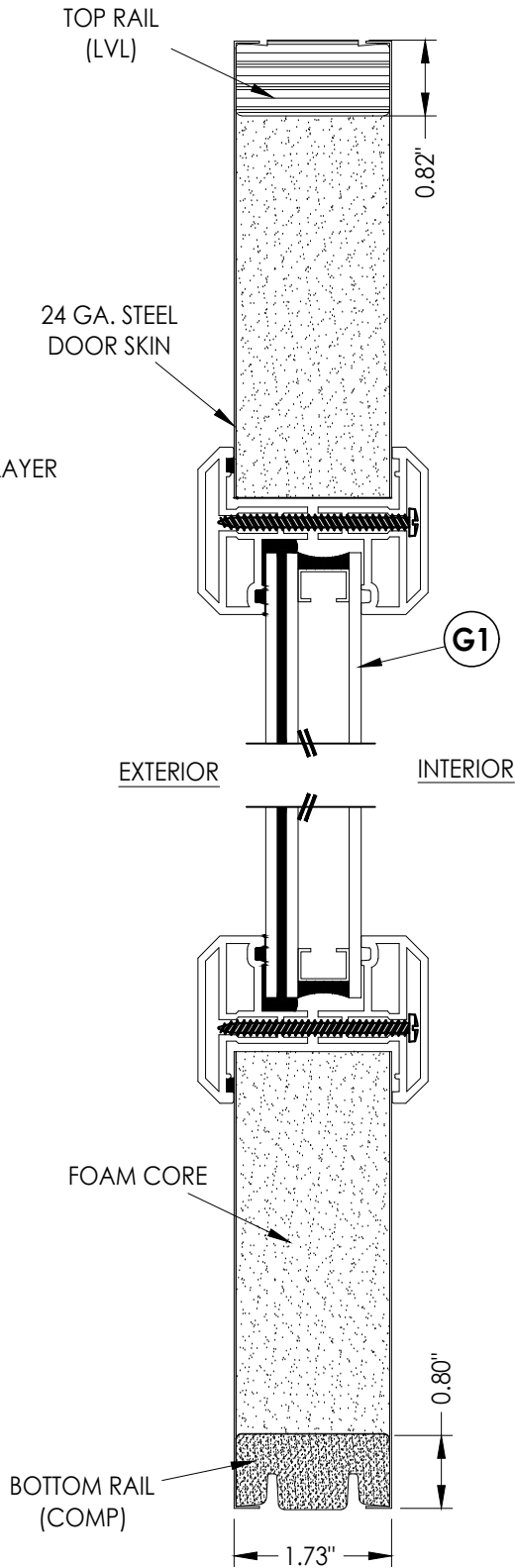


* NON-STRUCTURAL
BACKBEDDING SEALANT
(READI-SEAL)

G1 **GLAZING DETAIL**
ODL "FLAT FRAME"



3A **ODL LITE FRAME**
"FLAT FRAME" PROFILE
(6063-T5 ALUM)



2
3 **VERTICAL CROSS SECTION**

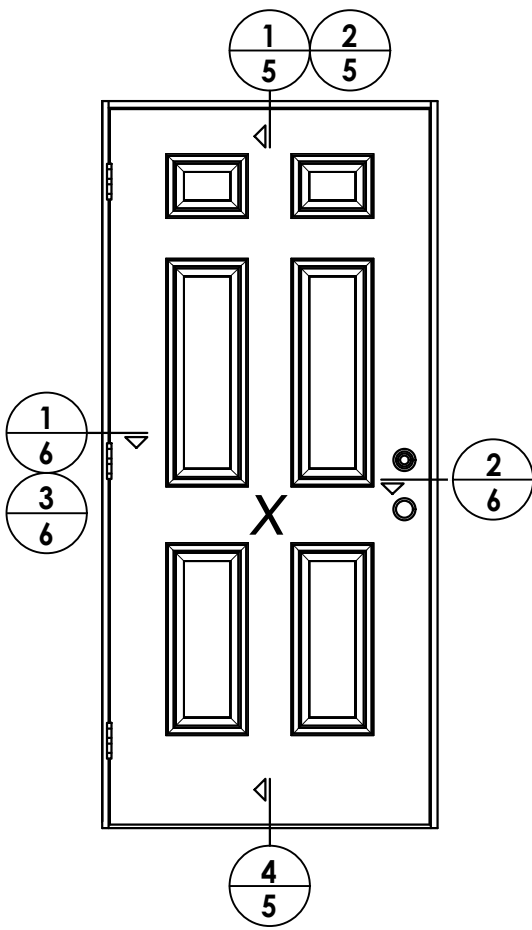
Documents Prepared By:
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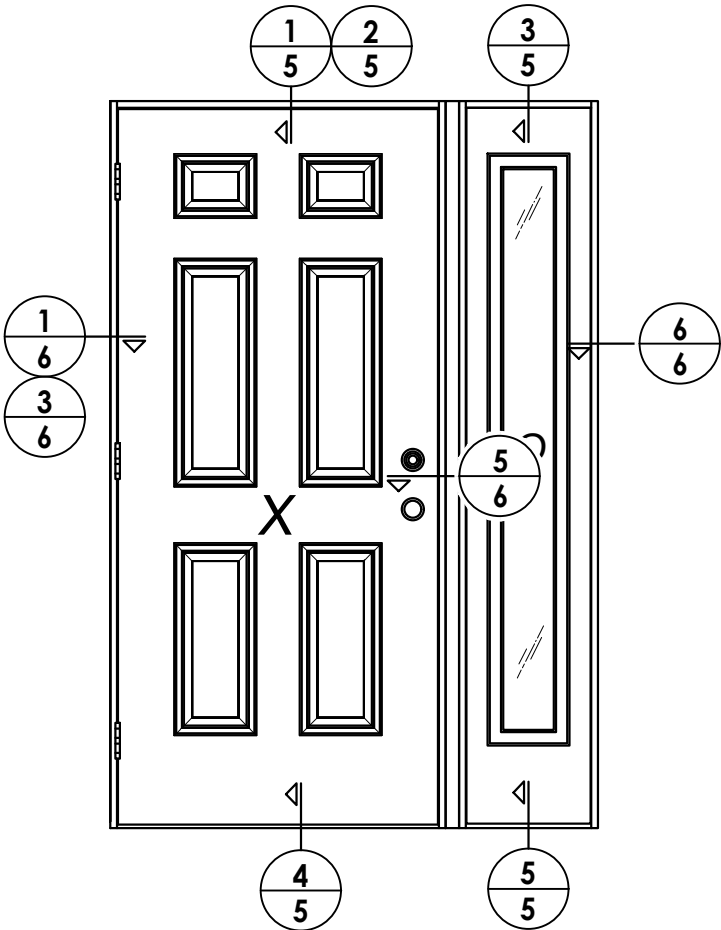
PRODUCT:		NOVATECH STEEL DOOR	
PART OR ASSEMBLY:		SIDELITE PANEL DETAILS AND GLAZING DETAIL	

REVISIONS		NO.	DATE	BY
3	9/13/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
2	10/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
1	10/05/17	UPDATE TO 6th ED. (2017)	FBC	JK

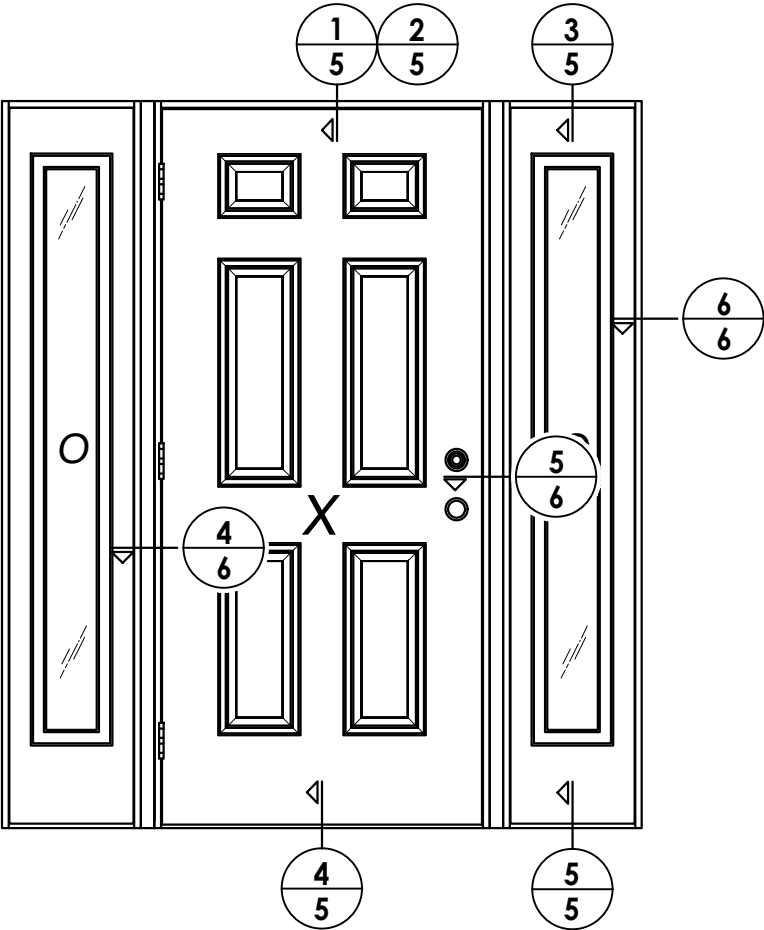
DATE:	8/14/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20873.11
SHEET	3 OF 9



ELEVATION
X



ELEVATION
XO / OX



ELEVATION
OXO

NO.	DATE	REVISIONS
3	9/13/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	10/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	10/05/17	UPDATE TO 6th ED. (2017) FBC JK
		BY

DATE: 8/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-20873.11

SHEET 4 OF 9

PRODUCT:

NOVATECH
STEEL DOOR

PART OR ASSEMBLY:

ELEVATIONS

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

RW

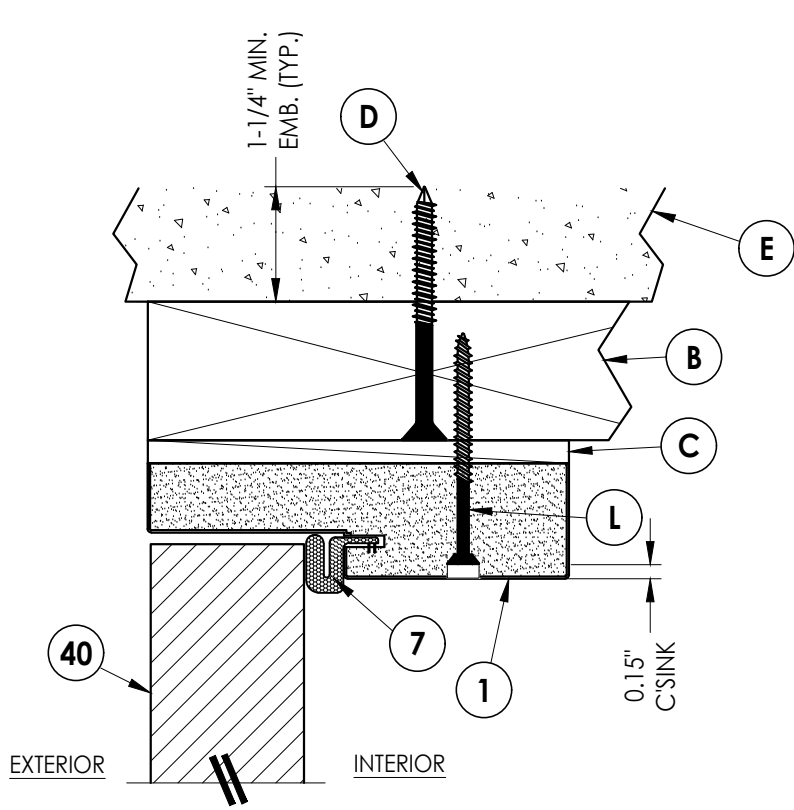
BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

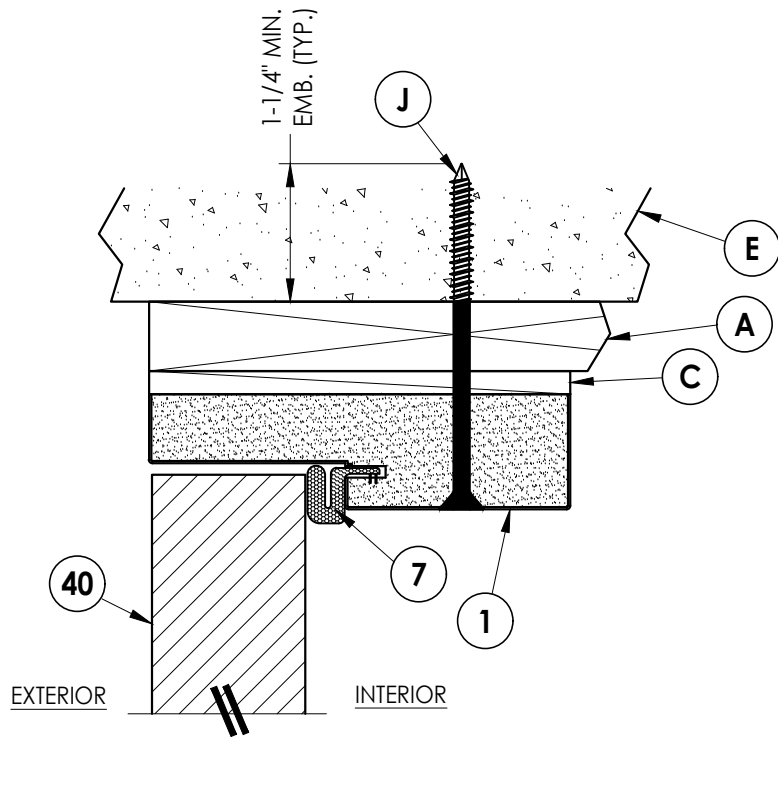
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FBPE Registry No. 9813

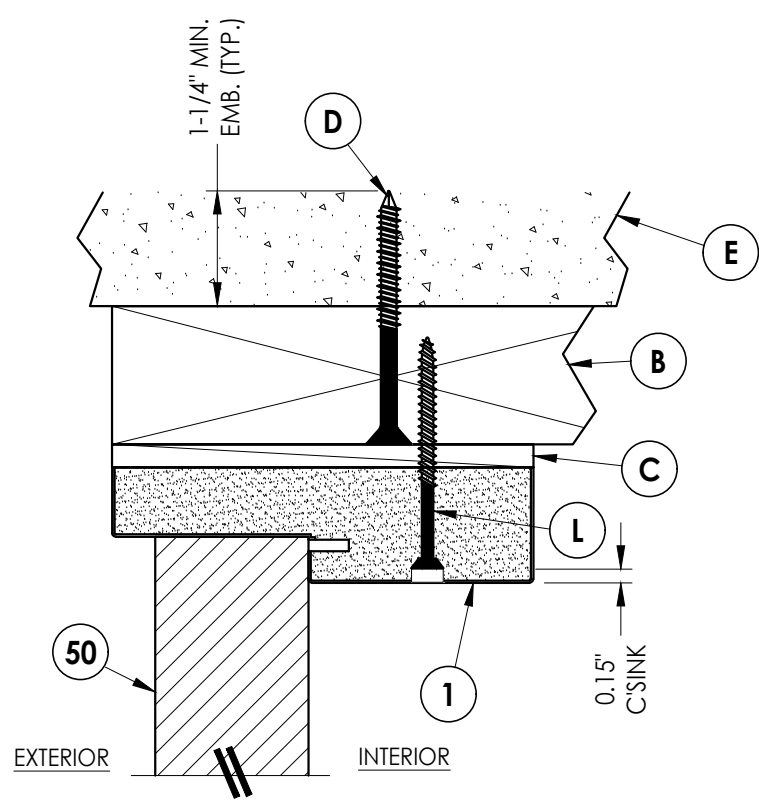
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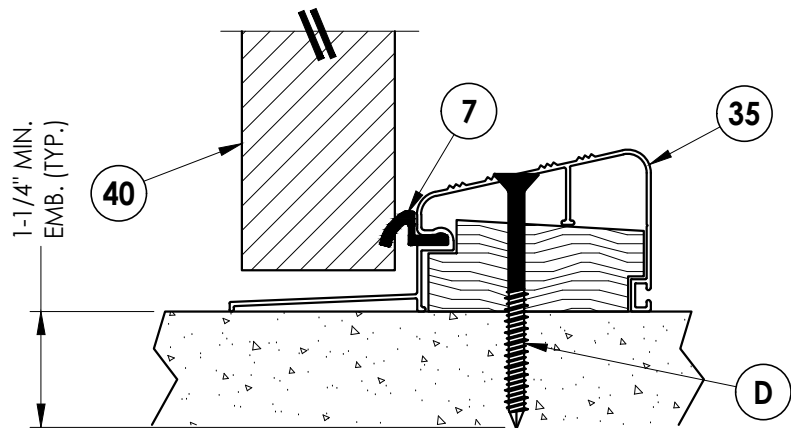
1
5 **VERTICAL CROSS SECTION**
Outswing
2X Buck Construction



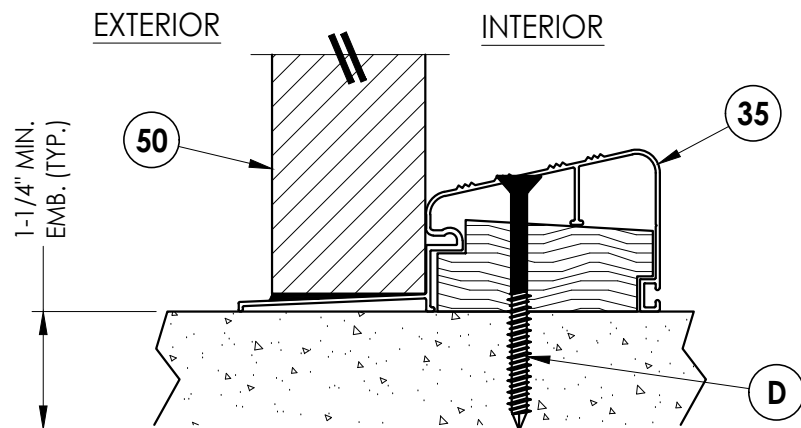
2
5 **VERTICAL CROSS SECTION**
Outswing
1X Buck Construction



3
5 **VERTICAL CROSS SECTION**
Outswing
2X Buck Construction



4
5 **VERTICAL CROSS SECTION**
Outswing Bump Threshold



5
5 **VERTICAL CROSS SECTION**
Outswing Sidelite Threshold

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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:
NOVATECH
STEEL DOOR

PART OR ASSEMBLY:
VERTICAL CROSS
SECTIONS

NO.	DATE	REVISIONS
3	9/13/23	UPDATE TO 8TH ED. (2023) FBC
2	10/01/20	UPDATE TO 7TH ED. (2020) FBC
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC
NO.	DATE	BY

DATE: 8/14/17

SCALE: N.T.S.

DWG. BY: JK

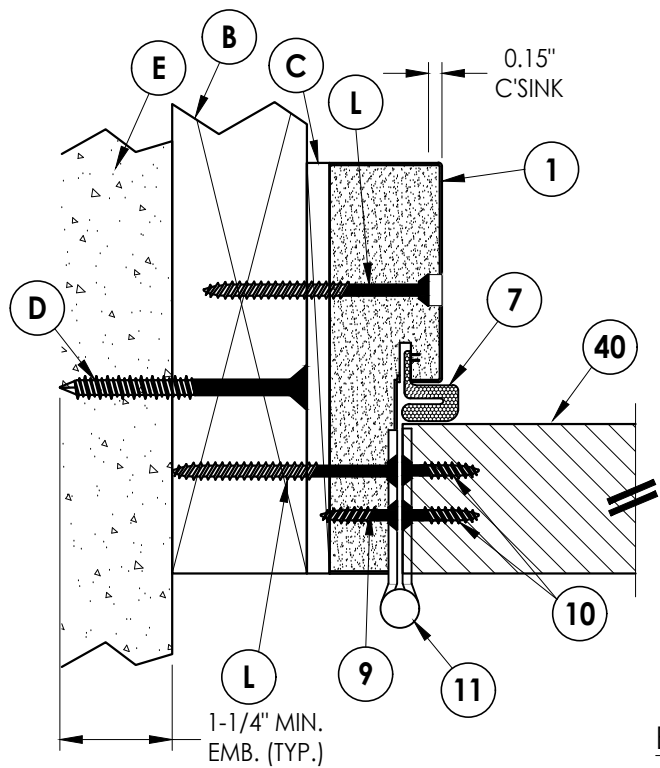
CHK. BY: LFS

DRAWING NO.:

FL-20873.11

SHEET 5 OF 9

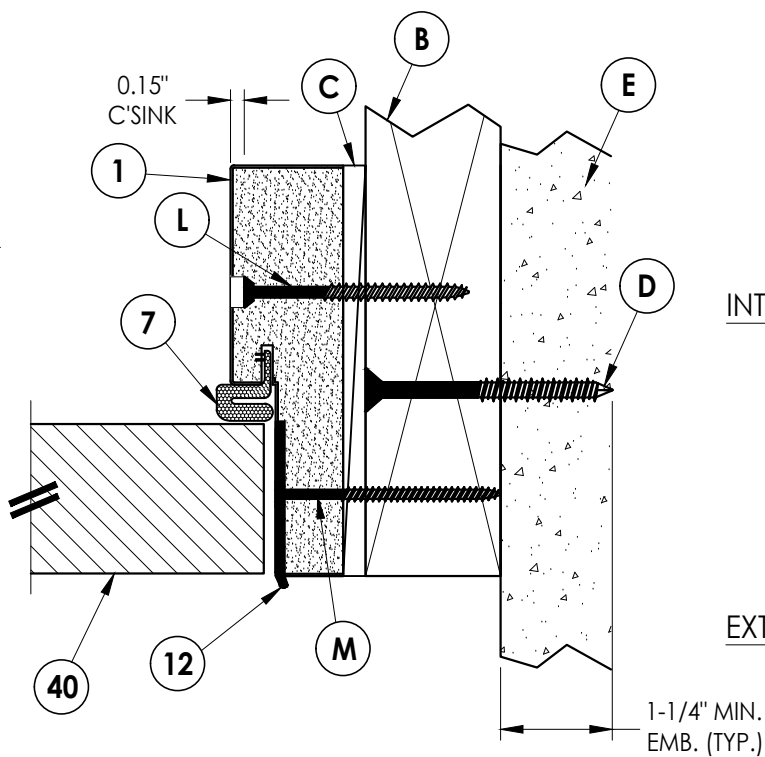
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1
6 **HORIZONTAL CROSS SECTION**
Outswing
2X Buck Construction

INTERIOR

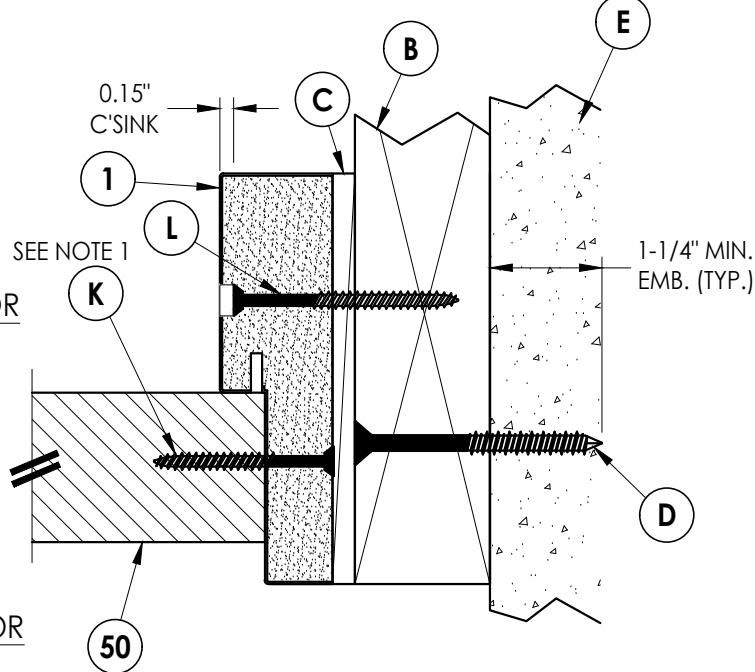
EXTERIOR



2
6 **HORIZONTAL CROSS SECTION**
Outswing
2X Buck Construction

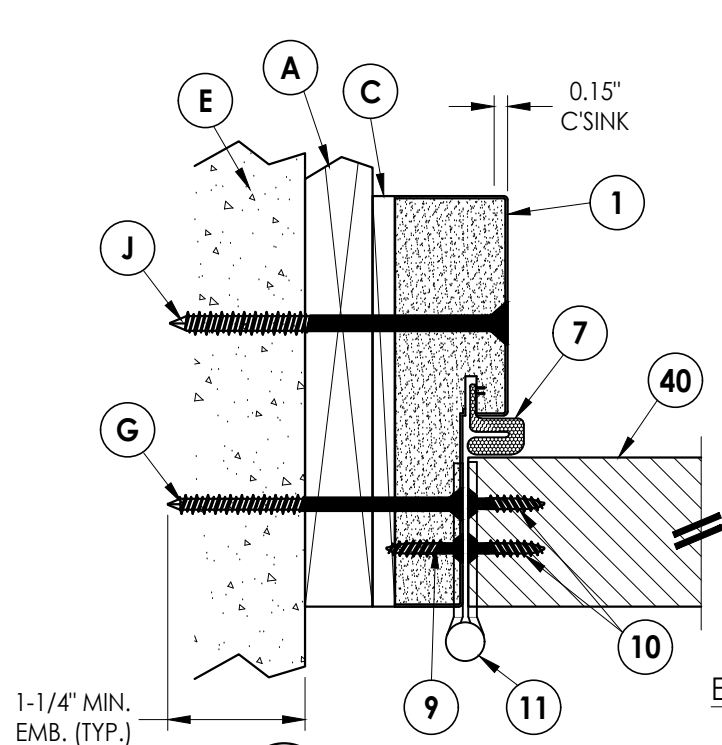
INTERIOR

EXTERIOR



6
6 **HORIZONTAL CROSS SECTION**
Outswing
2X Buck Construction

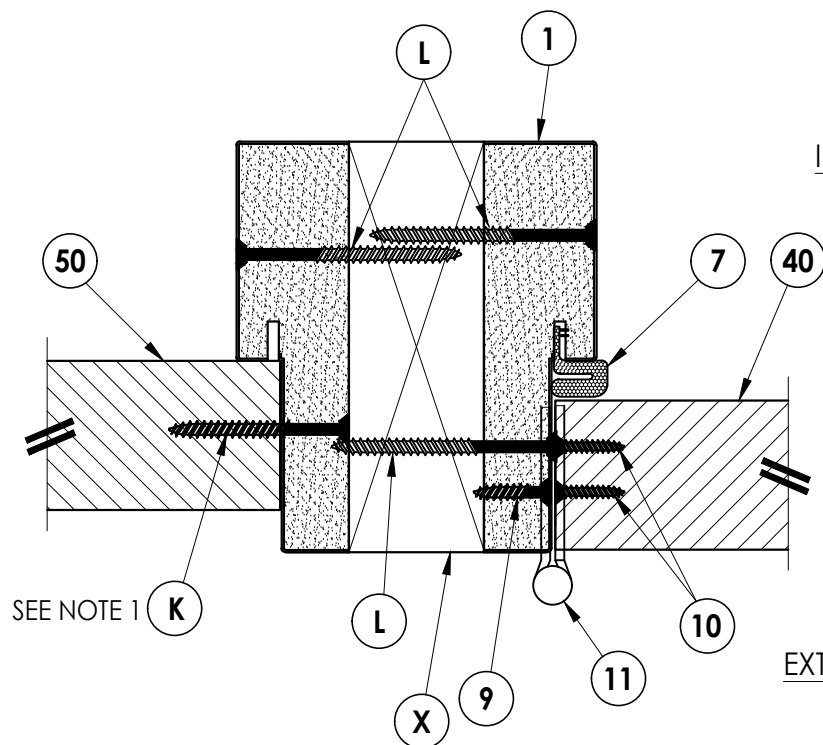
NOTE:
1. Spacing for sidelite screws (item K): Located
6" from each end and 4 more equally spaced
(6 total).



3
6 **HORIZONTAL CROSS SECTION**
Outswing
1X Buck Construction

INTERIOR

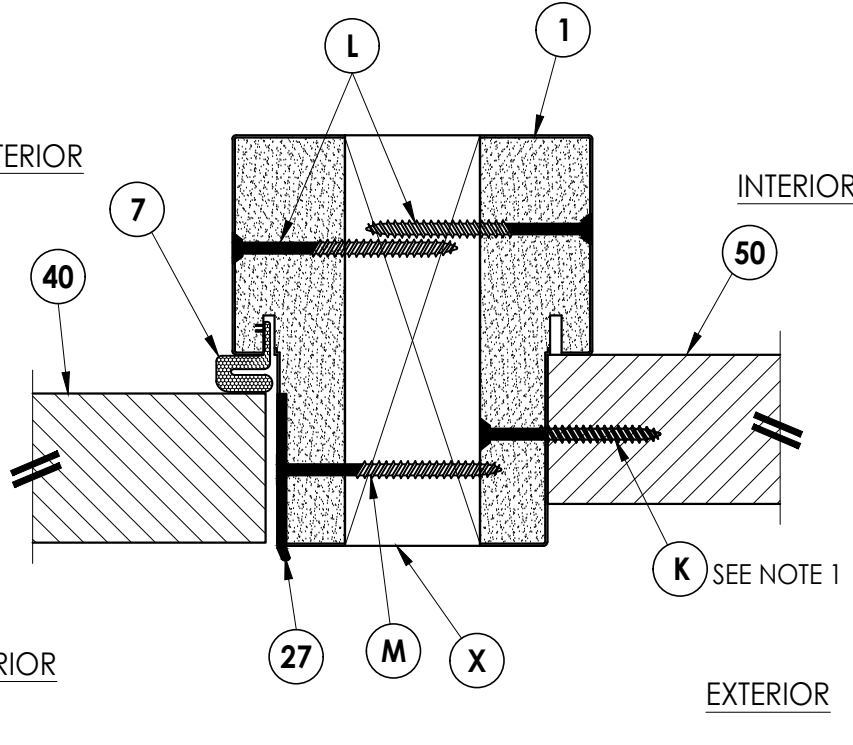
EXTERIOR



4
6 **HORIZONTAL CROSS SECTION**
Outswing

INTERIOR

EXTERIOR



5
6 **HORIZONTAL CROSS SECTION**
Outswing

INTERIOR

EXTERIOR

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:
NOVATECH
STEEL DOOR

PART OR ASSEMBLY:
HORIZONTAL CROSS
SECTIONS

NO.	DATE	REVISIONS	BY
3	9/13/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	10/01/20	UPDATE TO 7TH ED. (2020) FBC	LFS
1	10/05/17	UPDATE TO 6TH ED. (2017) FBC	JK

DATE: 8/14/17

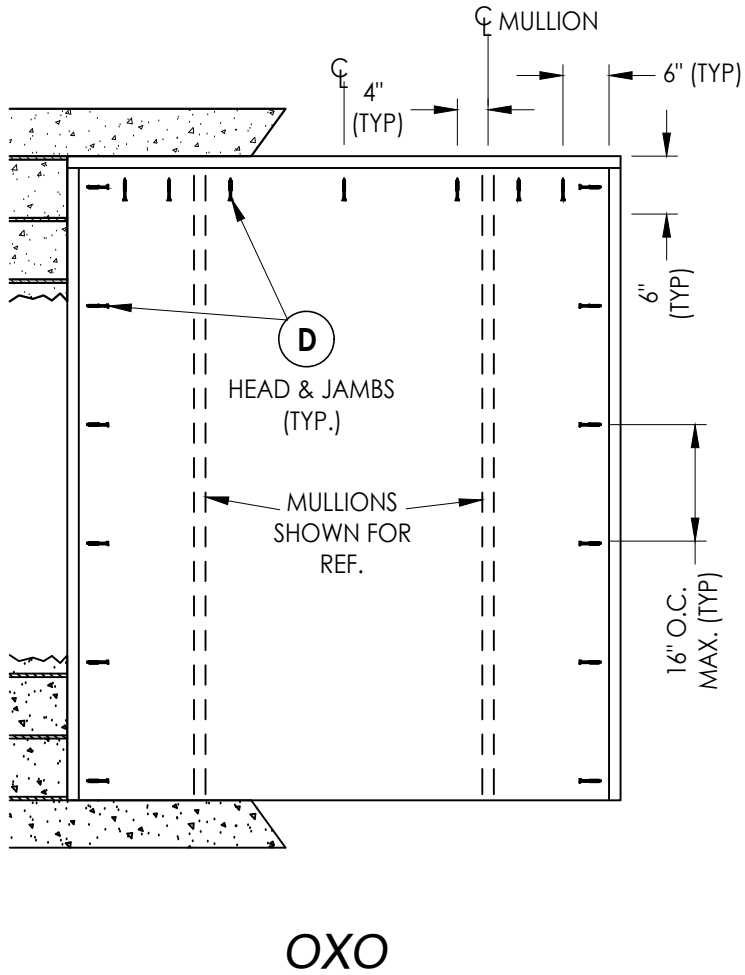
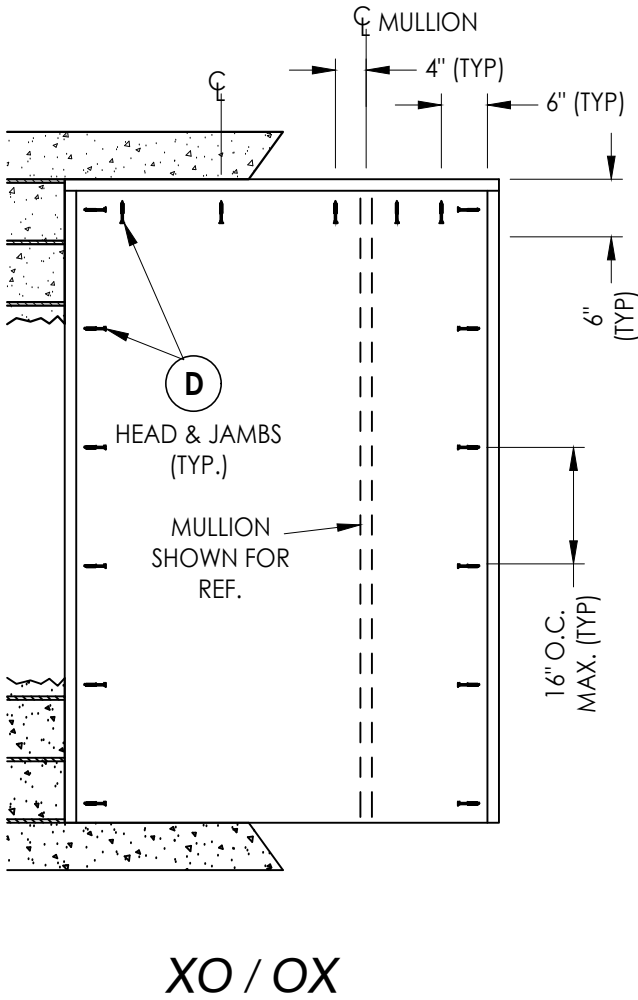
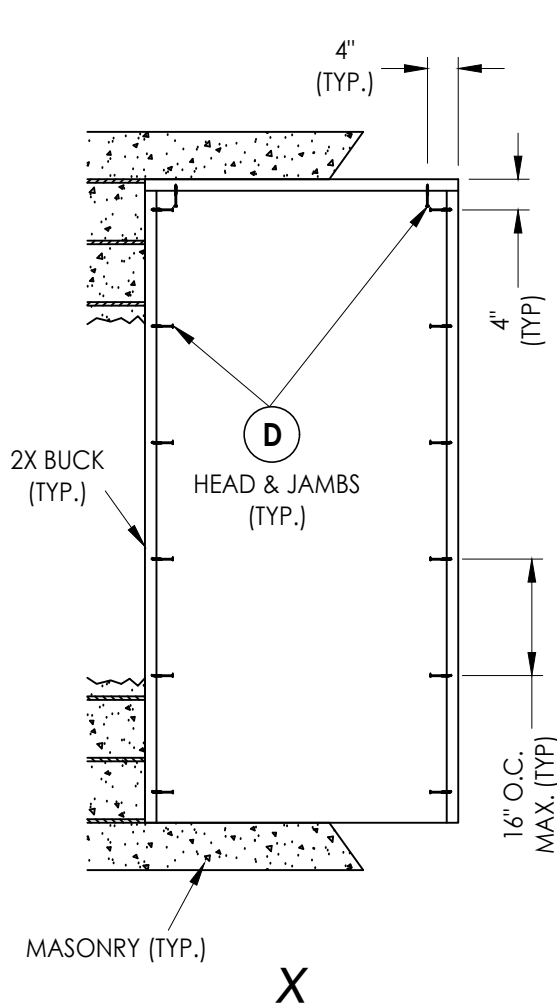
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-20873.11

SHEET 6 OF 9



2X BUCK ANCHORING

NOVATECH STEEL DOOR		PART OR ASSEMBLY:	
BUCK ANCHORING			
REVISIONS			
NO.	DATE	BY	
3	9/13/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	10/01/20	UPDATE TO 7TH ED. (2020)	FBC LFS
1	10/05/17	UPDATE TO 6TH ED. (2017)	FBC JK
DATE: 8/14/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20873.11			
SHEET 7 OF 9			

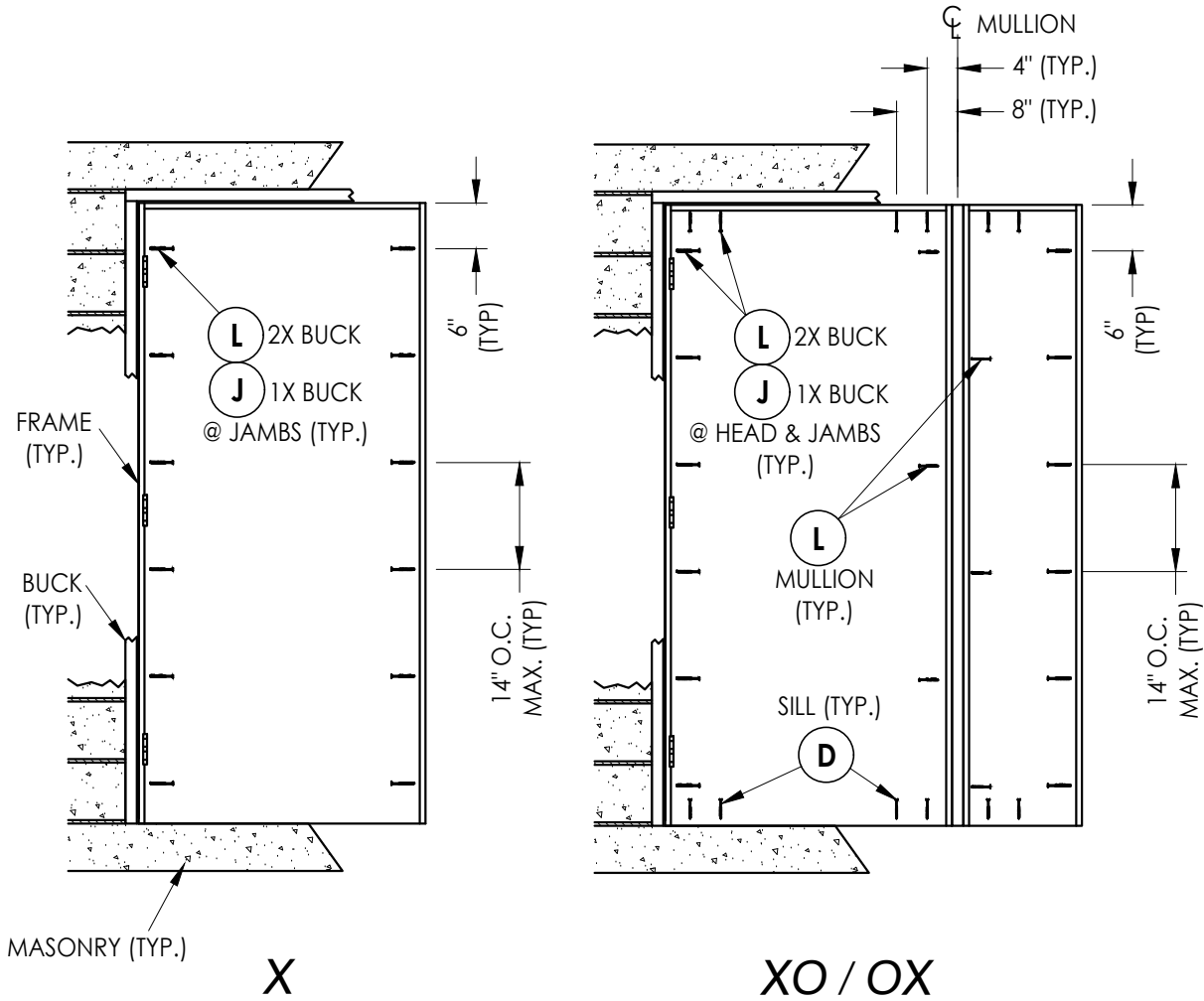
PRODUCT:	
NOVATECH STEEL DOOR	
PART OR ASSEMBLY:	
BUCK ANCHORING	

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

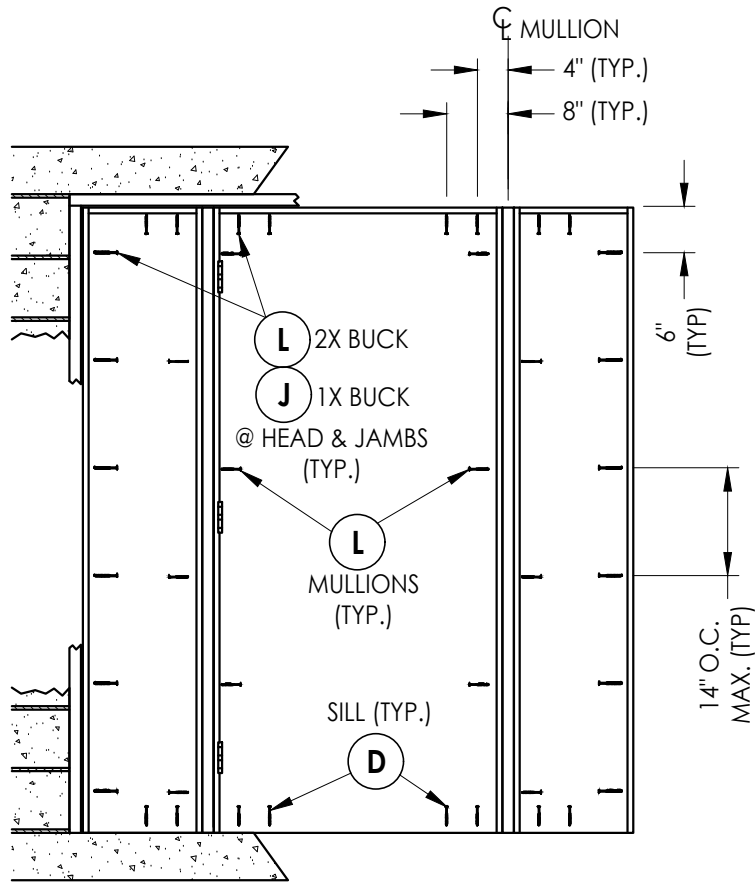


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Phone No.: 813.659.9197
FBPE Registry No. 9813

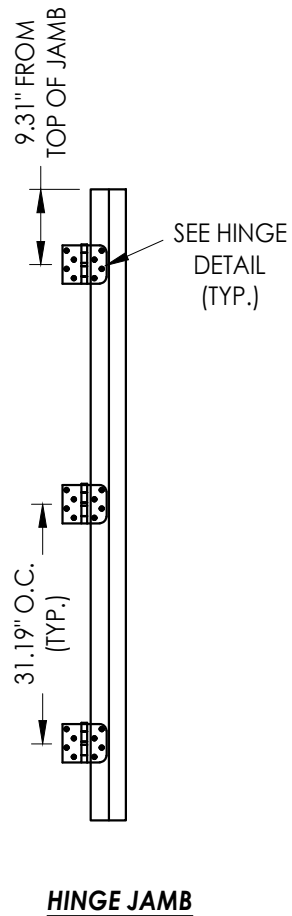
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XO / OX



OXO



FRAME ANCHORING

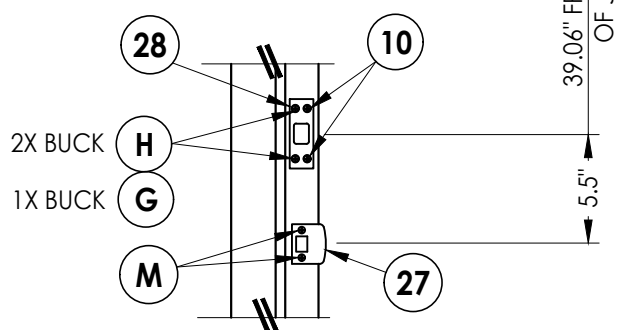
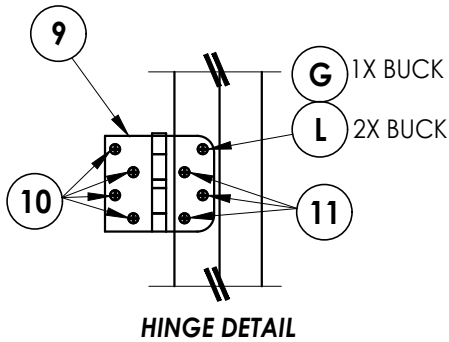
CONCRETE ANCHOR NOTES:

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

PRODUCT:
NOVATECH
STEEL DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

NO.	DATE	REVISIONS
3	9/13/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	10/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	10/05/17	UPDATE TO 6th ED. (2017) FBC JK

DATE: 8/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

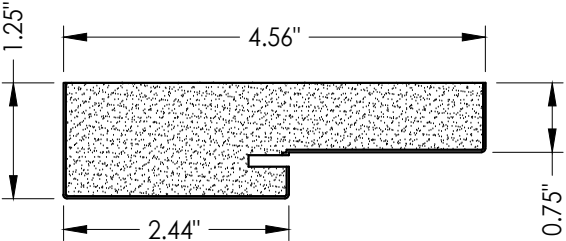
DRAWING NO.:

FL-20873.11

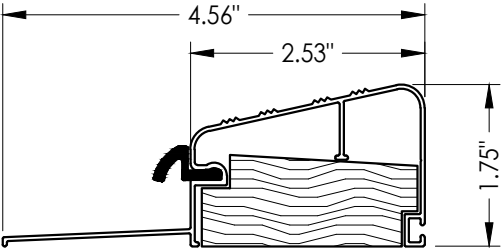
SHEET 8 OF 9

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	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
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	#12 X 2-1/2" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	#8 X 2-1/2" PFH WOOD SCREW	STEEL
X	MULLION REINFORCEMENT (G >= 0.55)	WOOD
1	JAMB	COMP
7	WEATHERSTRIP	FOAM
9	#8 X 3/4" PFH WOOD SCREW	STEEL
10	#8 X 1" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
27	LATCH STRIKE PLATE	ALUM/COMP
28	DEADBOLT STRIKE PLATE (SECURITY)	ALUM/COMP
35	OUTSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-



1 COMPOSITE JAMB



35 OUTSWING THRESHOLD
DLP

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: NOVATECH STEEL DOOR		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
		LFS	
		FBC	
3	9/13/23	UPDATE TO 8TH ED. (2023)	FBC
2	10/01/20	UPDATE TO 7TH ED. (2020)	FBC
1	10/05/17	UPDATE TO 6th ED. (2017)	FBC
	NO.	DATE	JK
			BY
REVISIONS			
DATE: 8/14/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20873.11			
SHEET 9 OF 9			