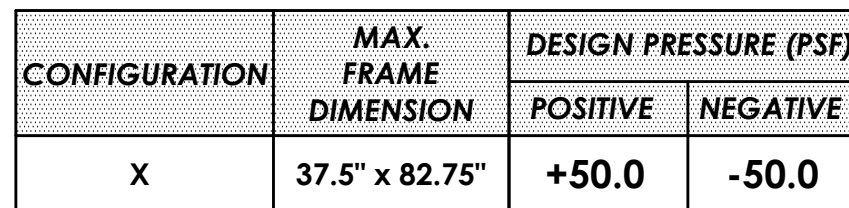


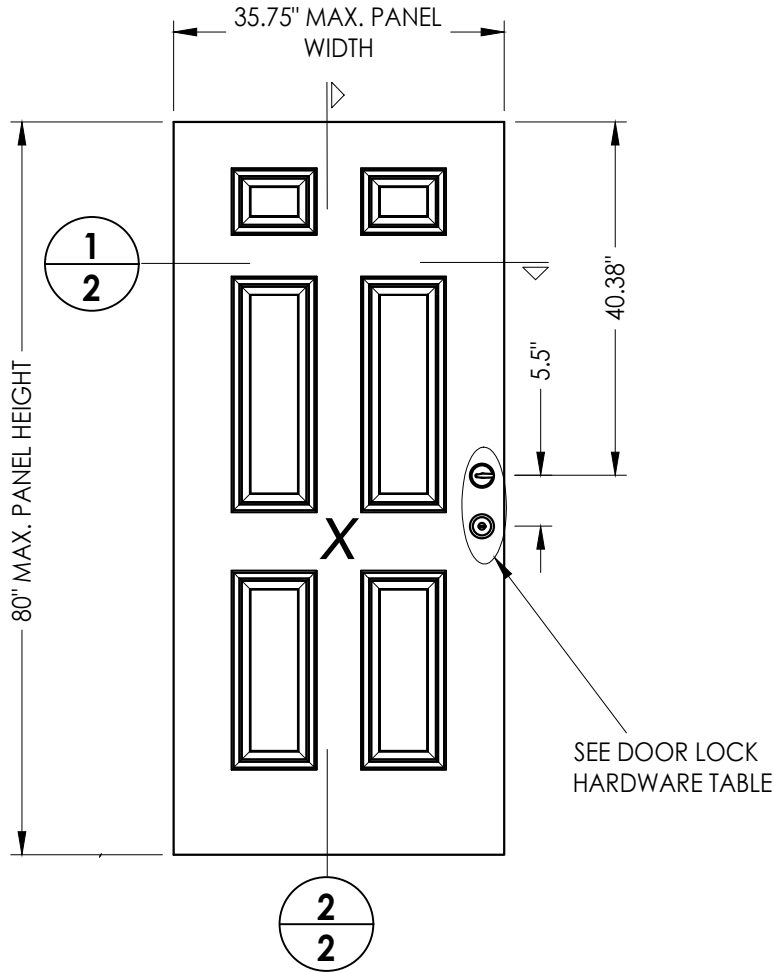
GENERAL NOTES

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



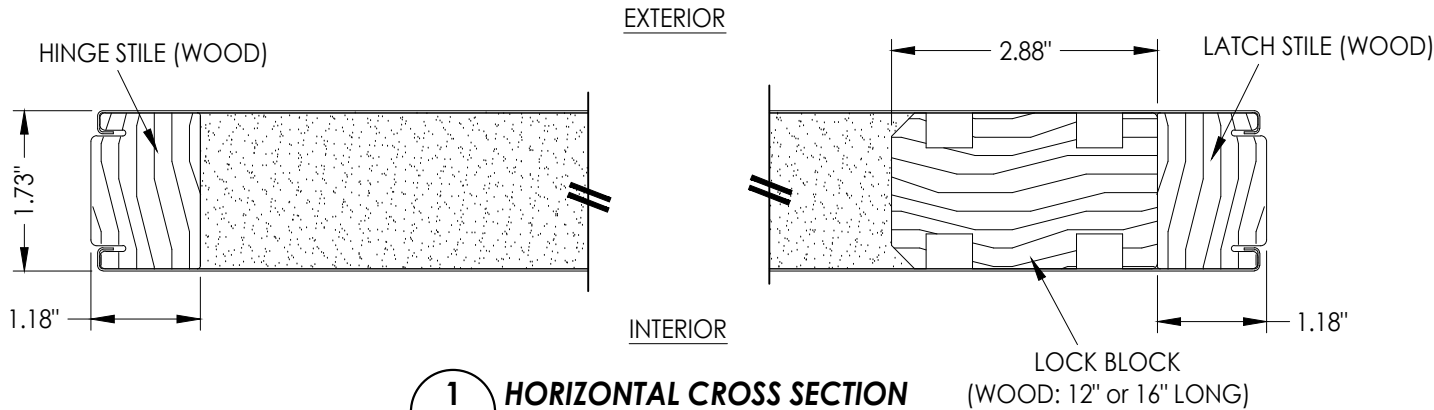
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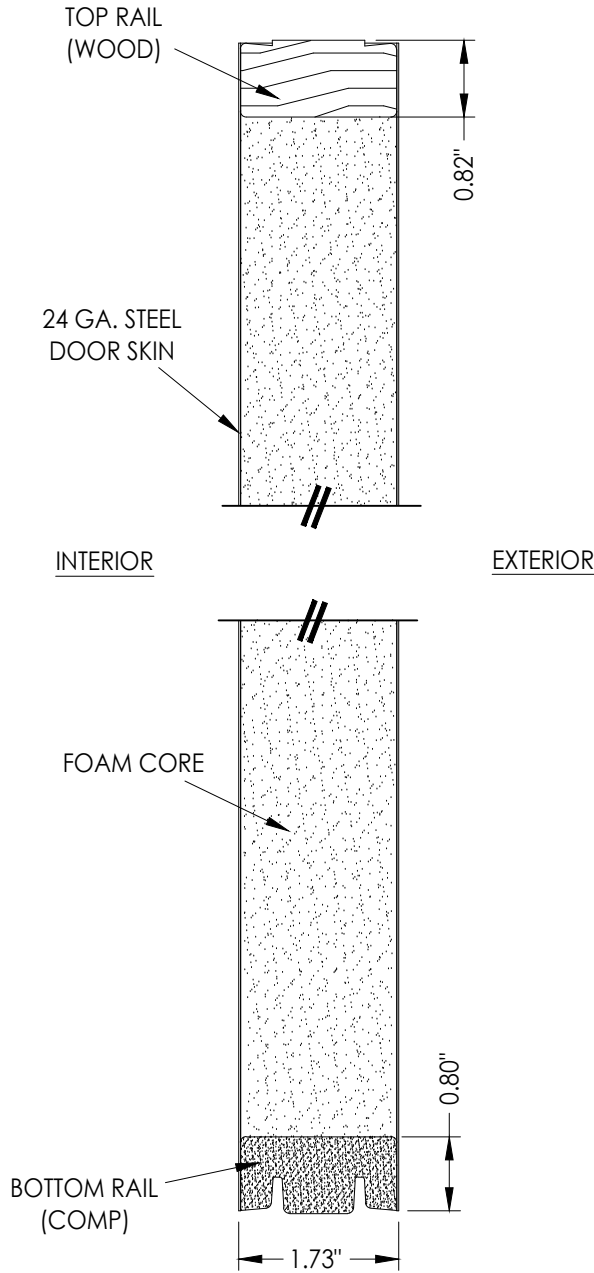
40 NOVATECH DOOR PANEL

DOOR SKIN: 24 GA. STEEL (0.021" MIN. THICKNESS)
CORE MATERIAL: POLYURETHANE FOAM (2.0 PCF MIN.)



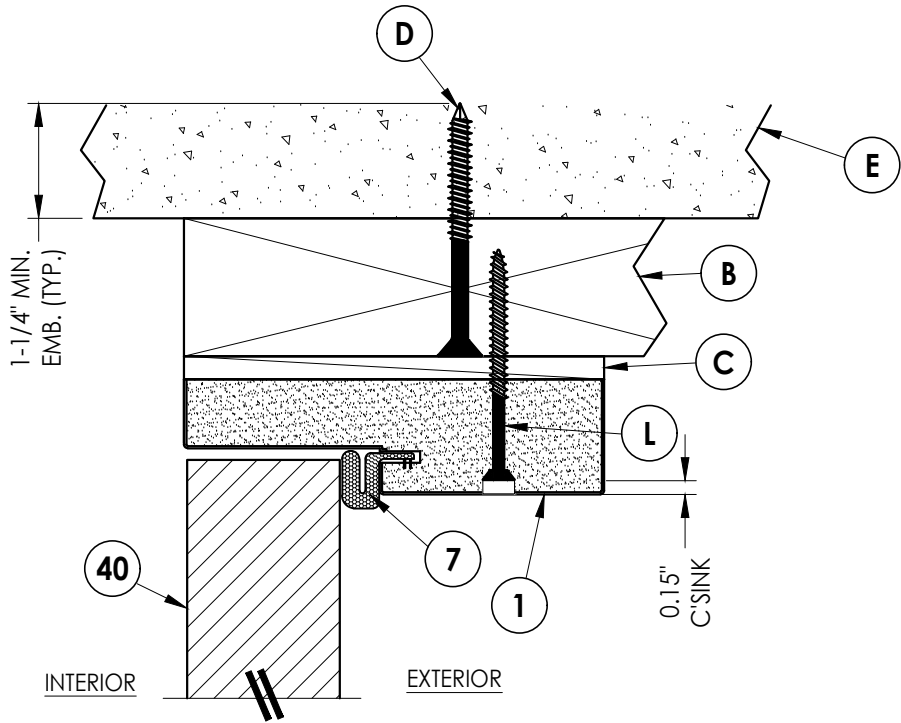
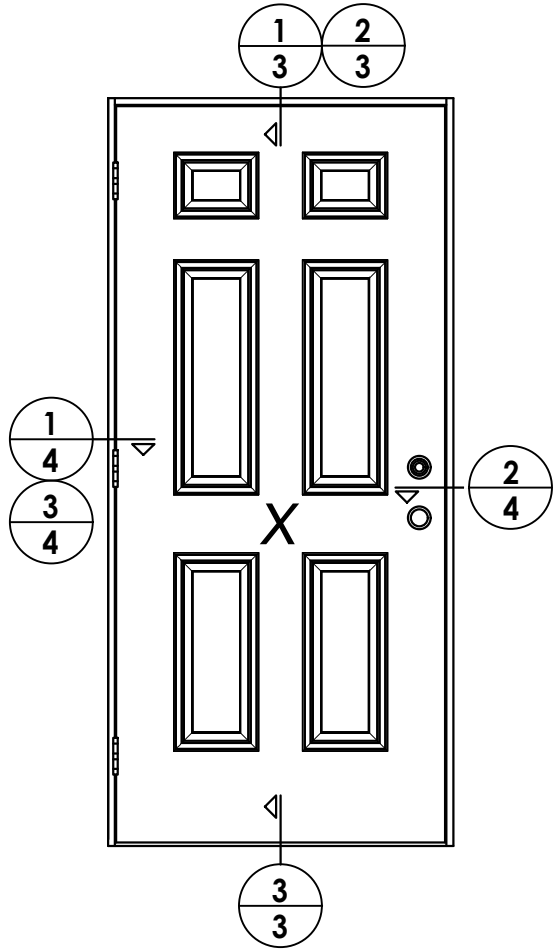
1/2 HORIZONTAL CROSS SECTION

DOOR LOCK HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)

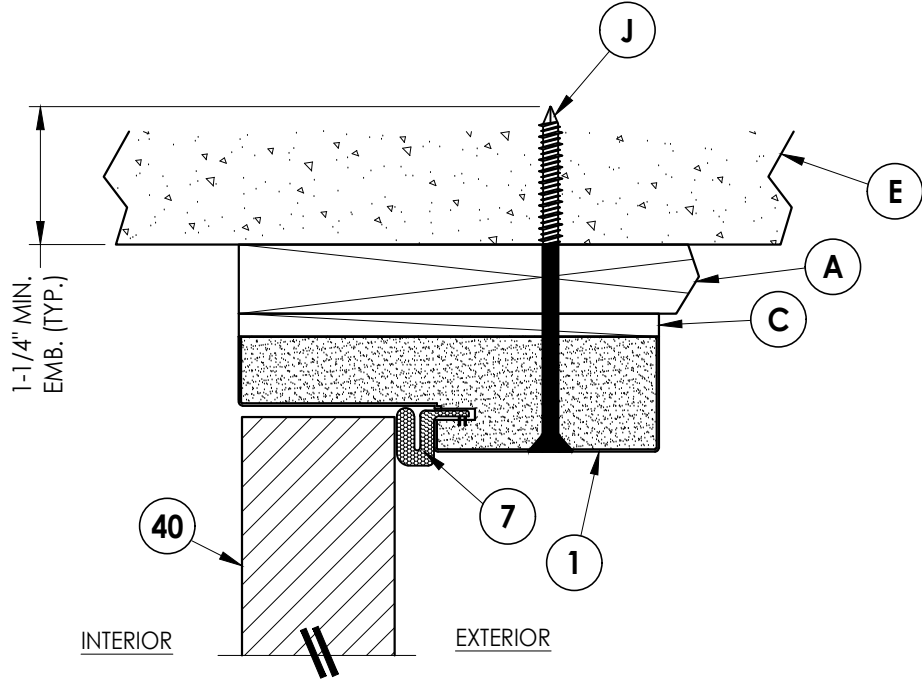


2/2 VERTICAL CROSS SECTION

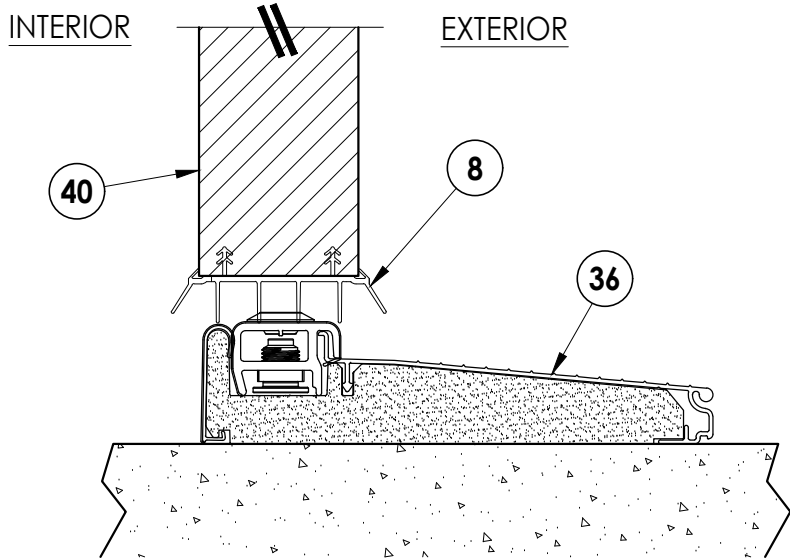
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: NOVATECH STEEL DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS					
				LFS	FBC	FBC	JK
				UPDATE TO 8TH ED. (2023)	UPDATE TO 7TH ED. (2020)	UPDATE TO 6TH ED. (2017)	BY
				3 9/13/23	2 10/01/20	1 10/05/17	NO. DATE
				REVISIONS			
DATE: 08/14/17							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-20873.13							
SHEET 2 OF 6							



1
3 **VERTICAL CROSS SECTION**
Inswing
2X Buck Construction



2
3 **VERTICAL CROSS SECTION**
Inswing
1X Buck Construction



3
3 **VERTICAL CROSS SECTION**
Inswing Threshold

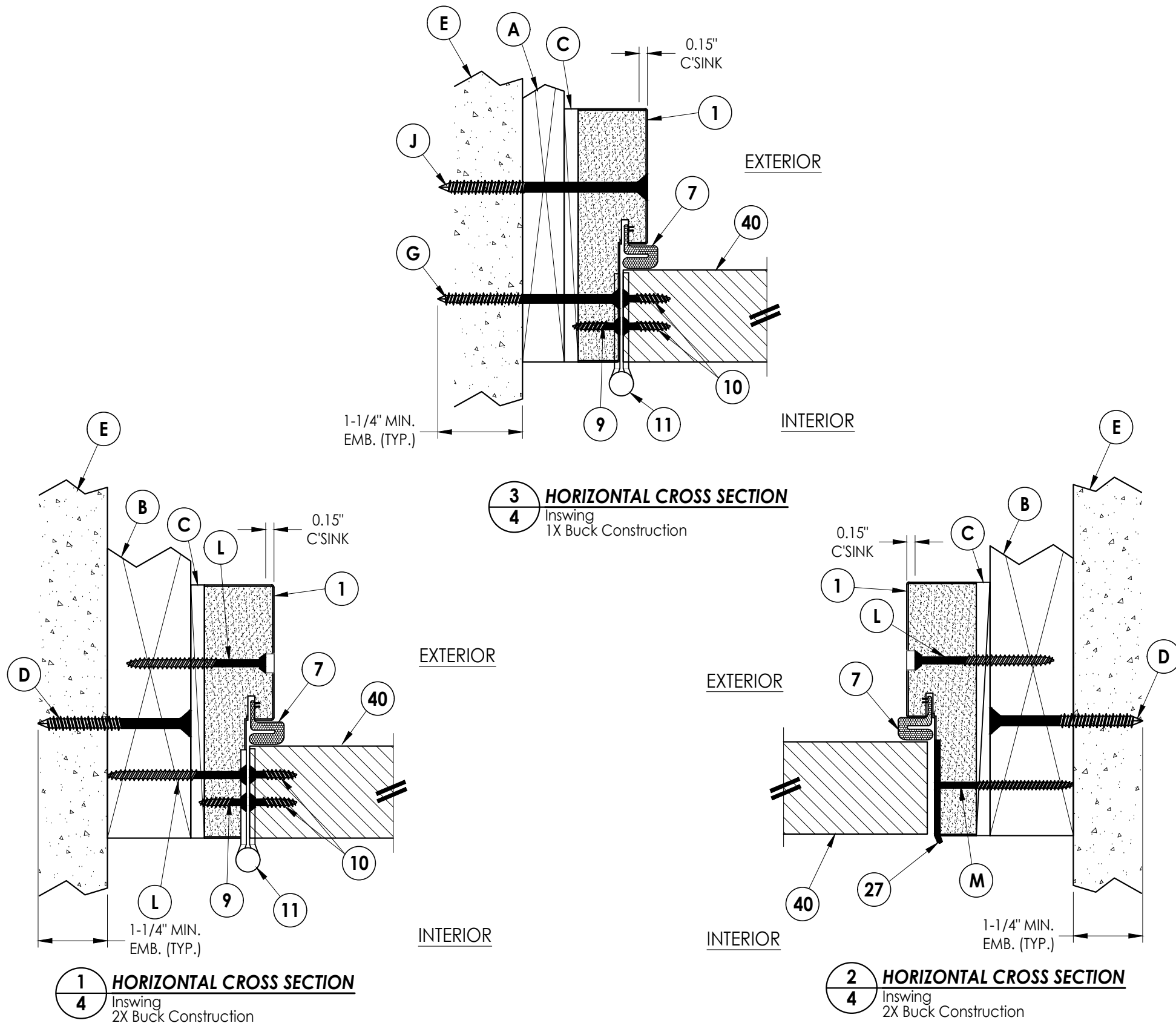
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2	10/01/20	UPDATE TO 7TH ED. (2020) FBC LFS
1	10/05/17	UPDATE TO 6th ED. (2017) FBC JK

DATE:	08/14/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20873.13
SHEET	3 OF 6

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:	NOVATECH STEEL DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS



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	
NO.	DATE				BY	
						REVISIONS
DATE: 08/14/17						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-20873.13						
SHEET 4 OF 6						

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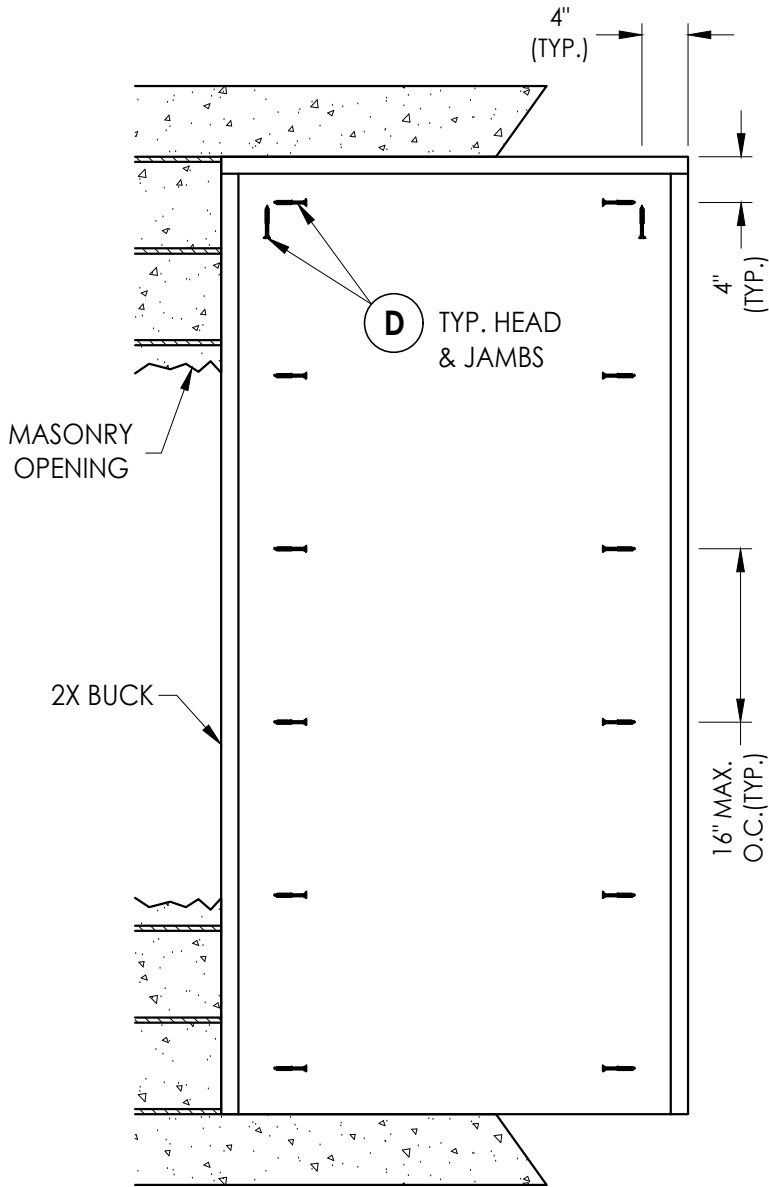
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: NOVATECH
STEEL DOOR

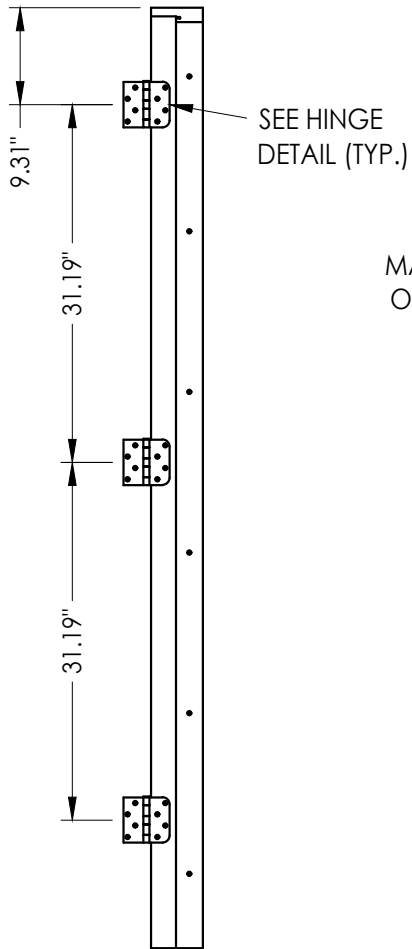
PART OR ASSEMBLY:

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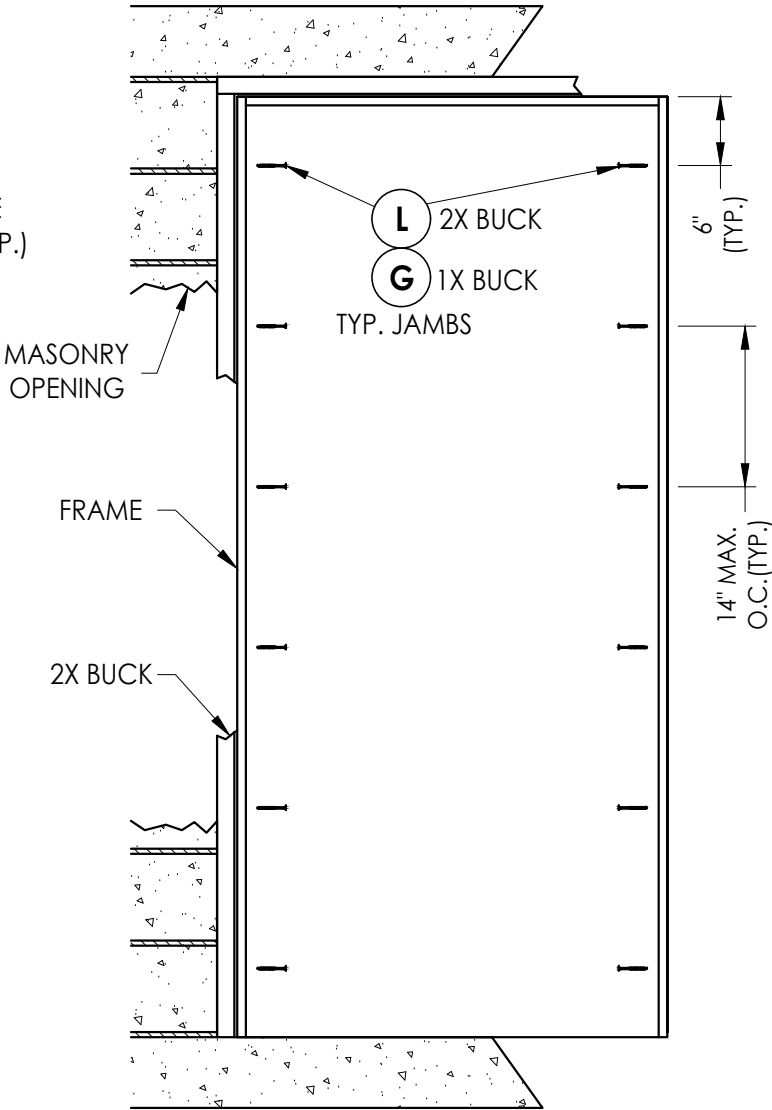
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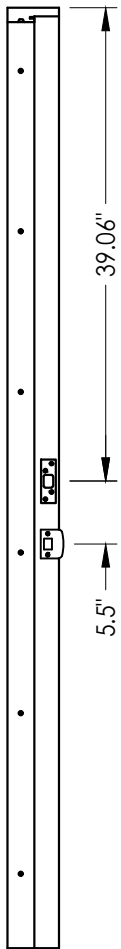
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry construction



HINGE JAMB

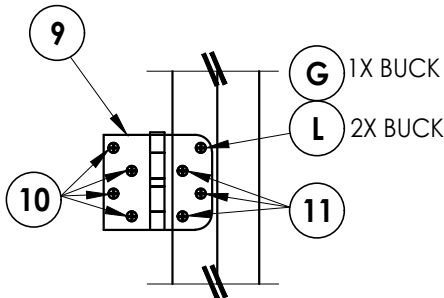
CONCRETE ANCHOR NOTES:

- 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:

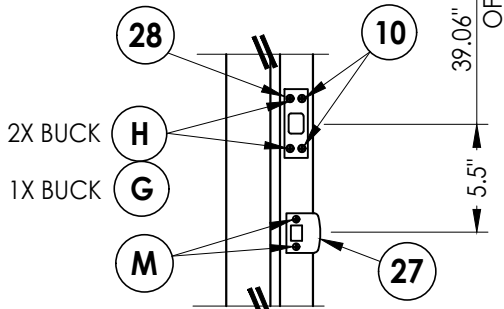
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

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.



HINGE DETAIL



LATCH AND DEADBOLT DETAILS

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

PRODUCT:
NOVATECH
STEEL DOOR

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
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1	10/05/17	UPDATE TO 6TH ED. (2017) FBC JK

DATE: 08/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

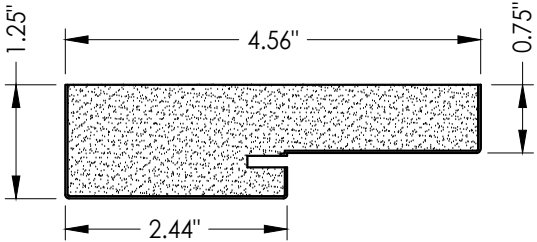
DRAWING NO.:

FL-20873.13

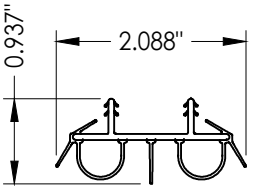
SHEET 5 OF 6

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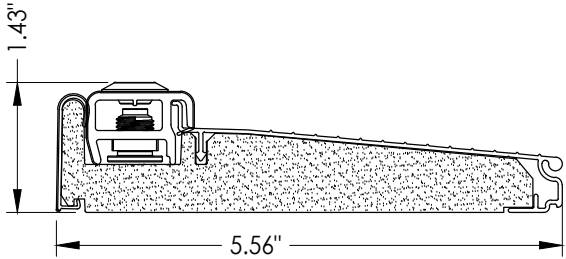
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" 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
1	JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR BOTTOM SWEEP	VINYL
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
36	INSWING THRESHOLD	ALUM/COMP
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-



1 COMPOSITE JAMB



8 DOOR BOTTOM SWEEP



36 INSWING THRESHOLD
Endura (ZAI5625FN)

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PRODUCT: NOVATECH STEEL DOOR		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
		LFS	
		FBC	
	3	9/13/23	UPDATE TO 8TH ED. (2023)
		LFS	
		FBC	
	2	10/01/20	UPDATE TO 7TH ED. (2020)
		JK	
		FBC	
	1	10/05/17	UPDATE TO 6th ED. (2017)
	NO.	DATE	
		REVISIONS	
DATE: 08/14/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-20873.13			
SHEET 6 OF 6			