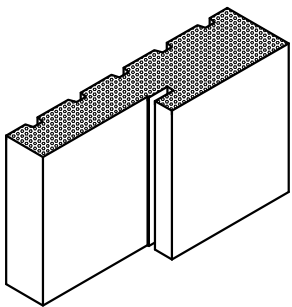
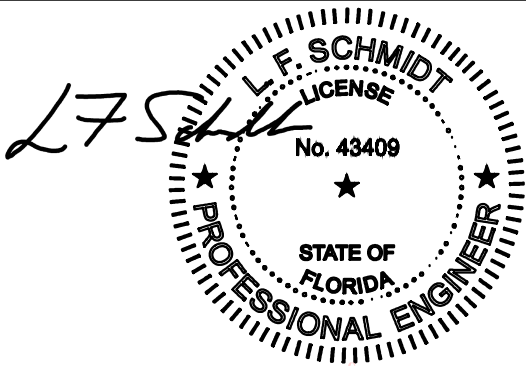


QINGDAO SEA NOVA BUILDING PROFILES PRODUCTS CO., LTD

Songjia, Yanghe Town Jiaozhou Dist. Qingdao City
Shandong Province, 266425 China
Tel: +86-0532-86225607



"NOVA JAMB"
INSWING / OUTSWING
"IMPACT"



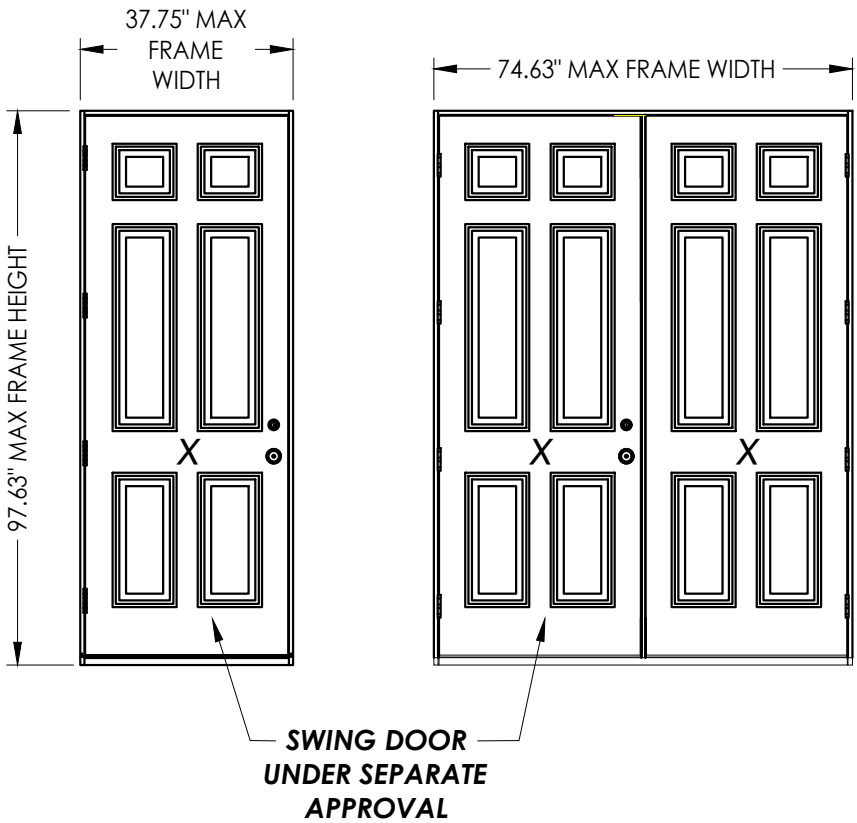
Digitally signed by Lyndon F Schmidt
Date: 2023.09.13 12:25:11 -04'00'

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

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 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- 4. This "IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in an impact approved (complies with FBC Sections 1609.1.2 & R301.2.1.2) door system possessing a current Florida Statewide Product Approval.
- 5. The design pressure of the assembly shall be the lesser of the design pressure for the door jamb shown in this approval or the design pressure of the door assembly used in conjunction with this approval.
- 6. The maximum frame size of the door assembly shall be lesser of the maximum frame size stated in this approval or the maximum frame size of the door assembly approval used in conjunction with this approval.
- 7. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.75" x 97.63"	+60.0	-65.0	+60.0	-60.0
XX	74.63" x 97.63"	+65.0	-65.0	+65.0	-65.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Elevations
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Buck and frame anchoring
7	Bill of materials and components

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

NOVA PLASTECH COMPONENTS

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

DATE

NO.

DATE

BY

9/13/23

2

2/10/21

LFS

UPDATE TO 8TH ED. (2023)

FBC

UPDATE TO 7TH ED. (2020)

FBC

REVISIONS

DATE: 6/7/18

SCALE: N.T.S.

DWG. BY: JK

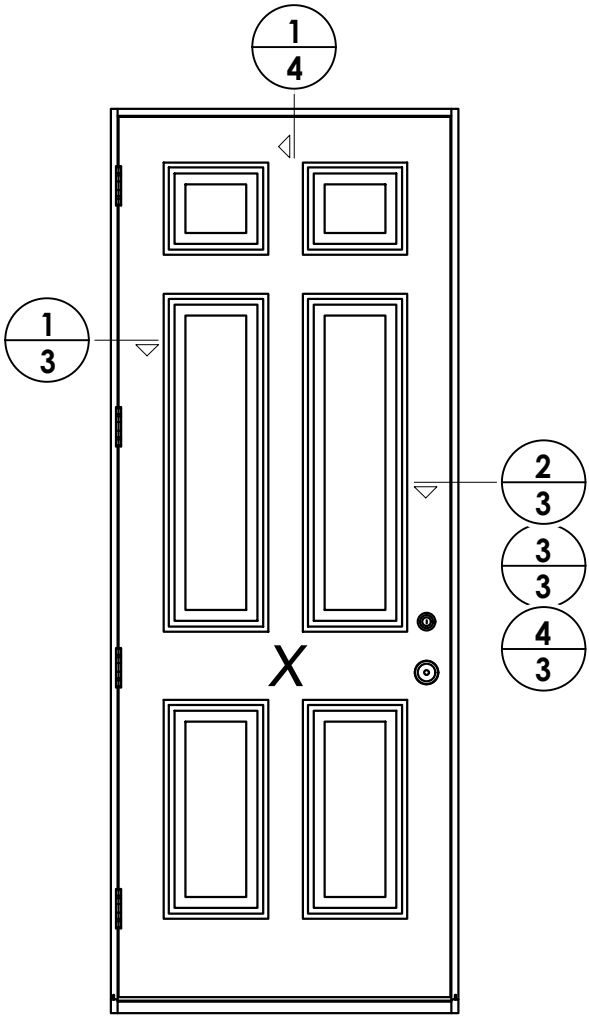
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DRAWING NO.: FL-27194.1

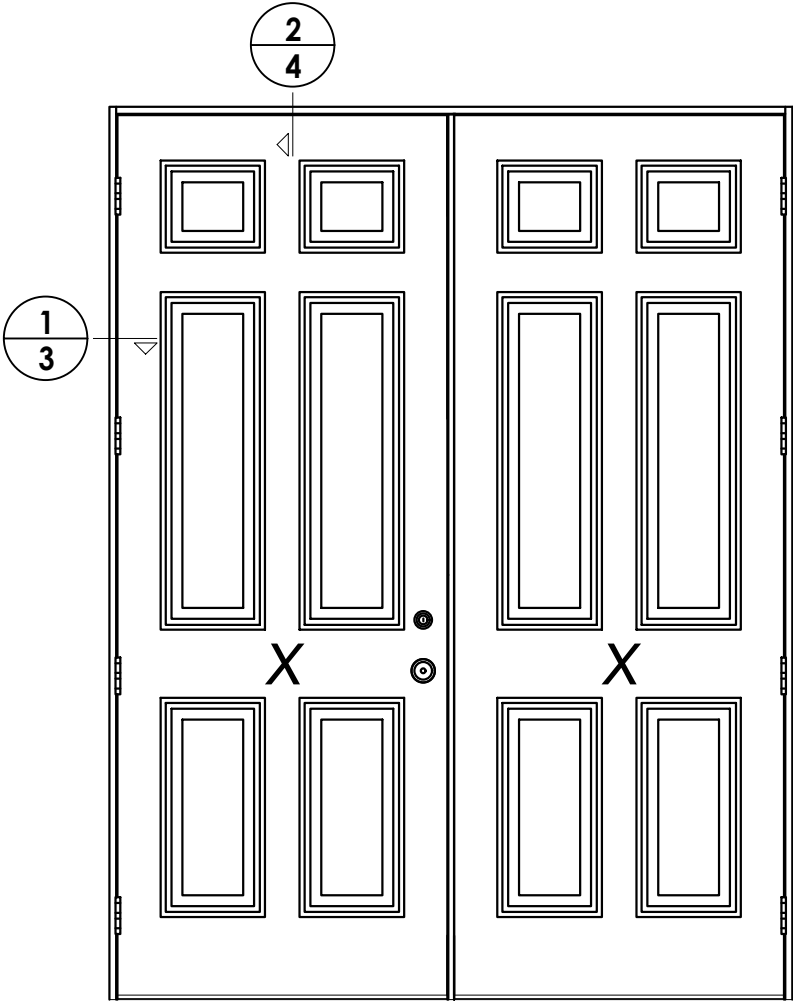
SHEET 1 OF 7

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SINGLE DOOR ELEVATION

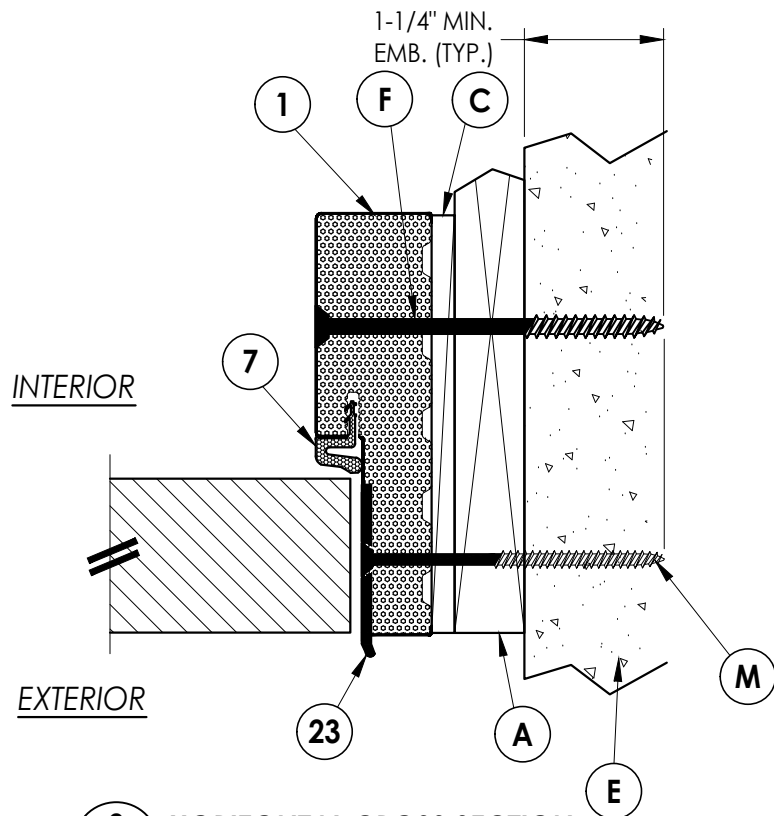


DOUBLE DOOR ELEVATION

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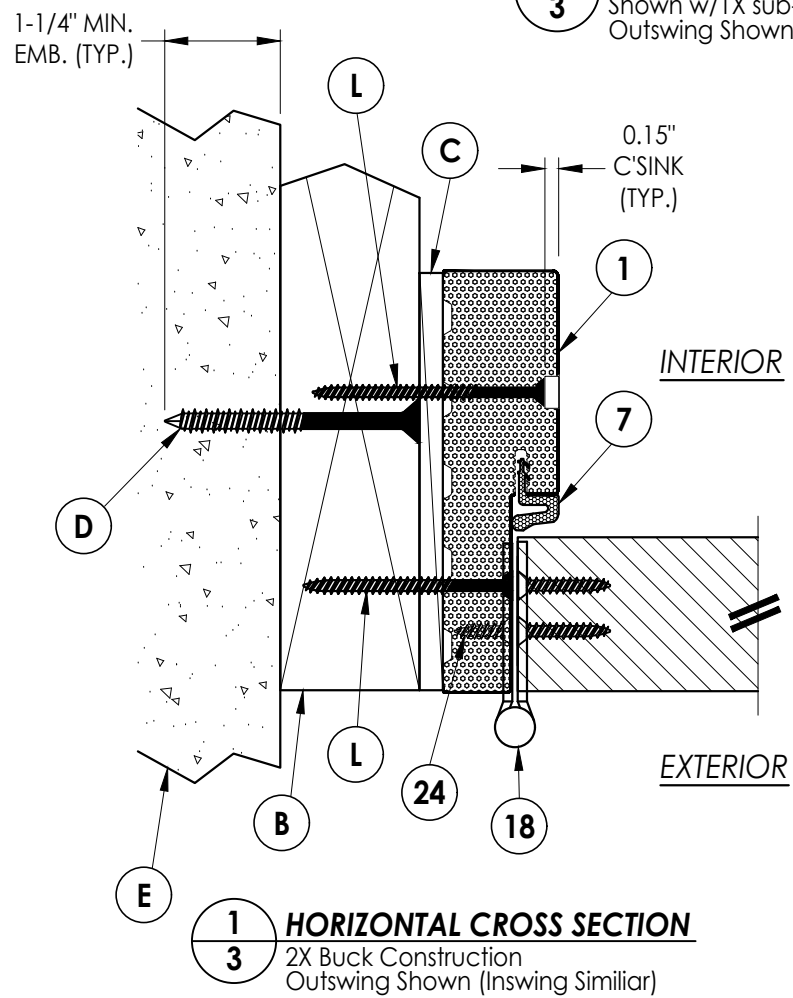
PRODUCT:	NOVA PLASTECH COMPONENTS
	PART OR ASSEMBLY: ELEVATIONS

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2 HORIZONTAL CROSS SECTION

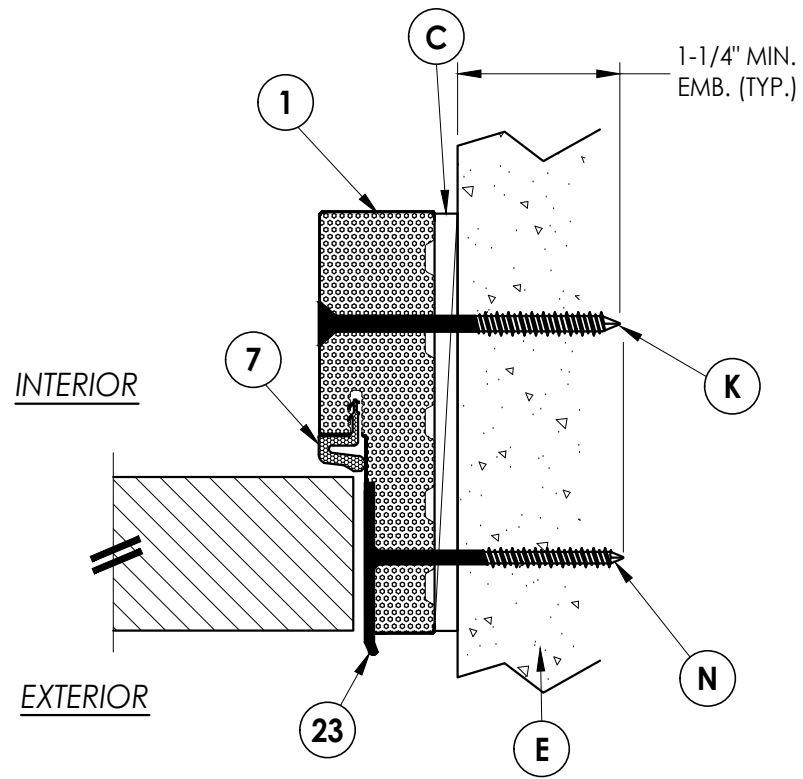
3 Shown w/1X sub-buck Outswing Shown (Inswing Similiar)



1 **HORIZONTAL CROSS SECTION**

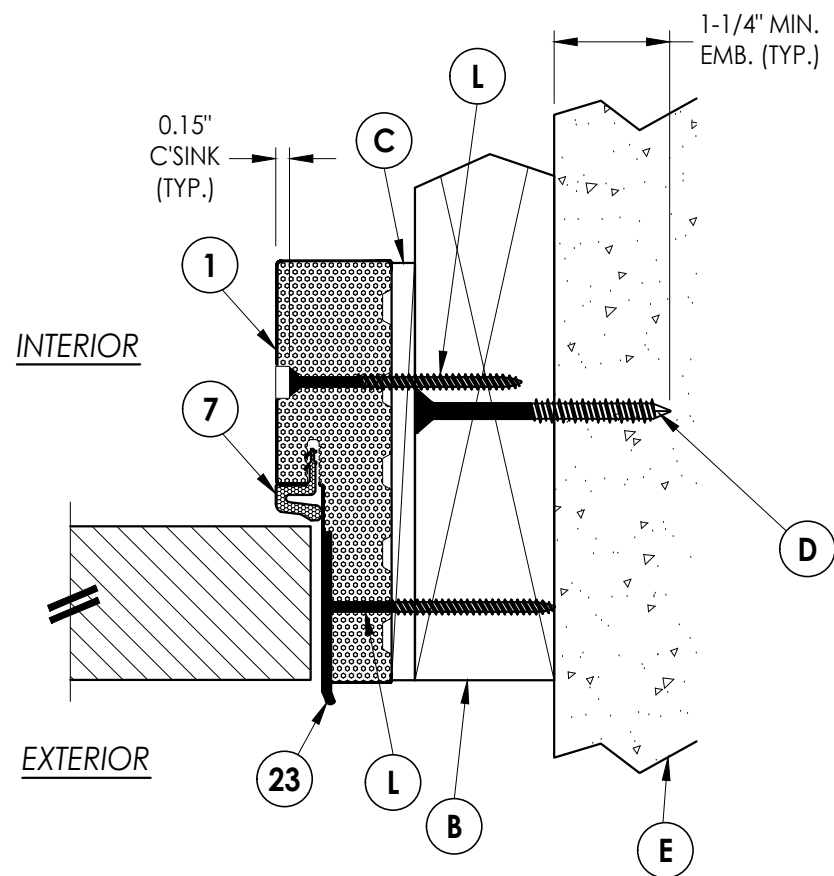
3 2X Buck Construction Outswing Shown (Inswing Similar)

NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL
FOR DOOR CONSTRUCTION DETAILS NOT SHOWN,
INCLUDING LOCK HARDWARE, ASTRAGAL, HINGE
AND THRESHOLD CONNECTIONS.



3 HORIZONTAL CROSS SECTION

Shown Direct to masonry
Outswing Shown (Inswing Similar)



4 **HORIZONTAL CROSS SECTION**
3 2X Buck Construction
 Outswing Shown (Inswing Similar)

[illegible]



NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL
FOR DOOR CONSTRUCTION DETAILS NOT SHOWN,
INCLUDING LOCK HARDWARE, ASTRAGAL, HINGE
AND THRESHOLD CONNECTIONS.

[illegible]

DATE:	6/7/18
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-27194.1
SHEET	4 OF 7

NOVA PLASTECH
COMPONENTS

PART OR ASSEMBLY:

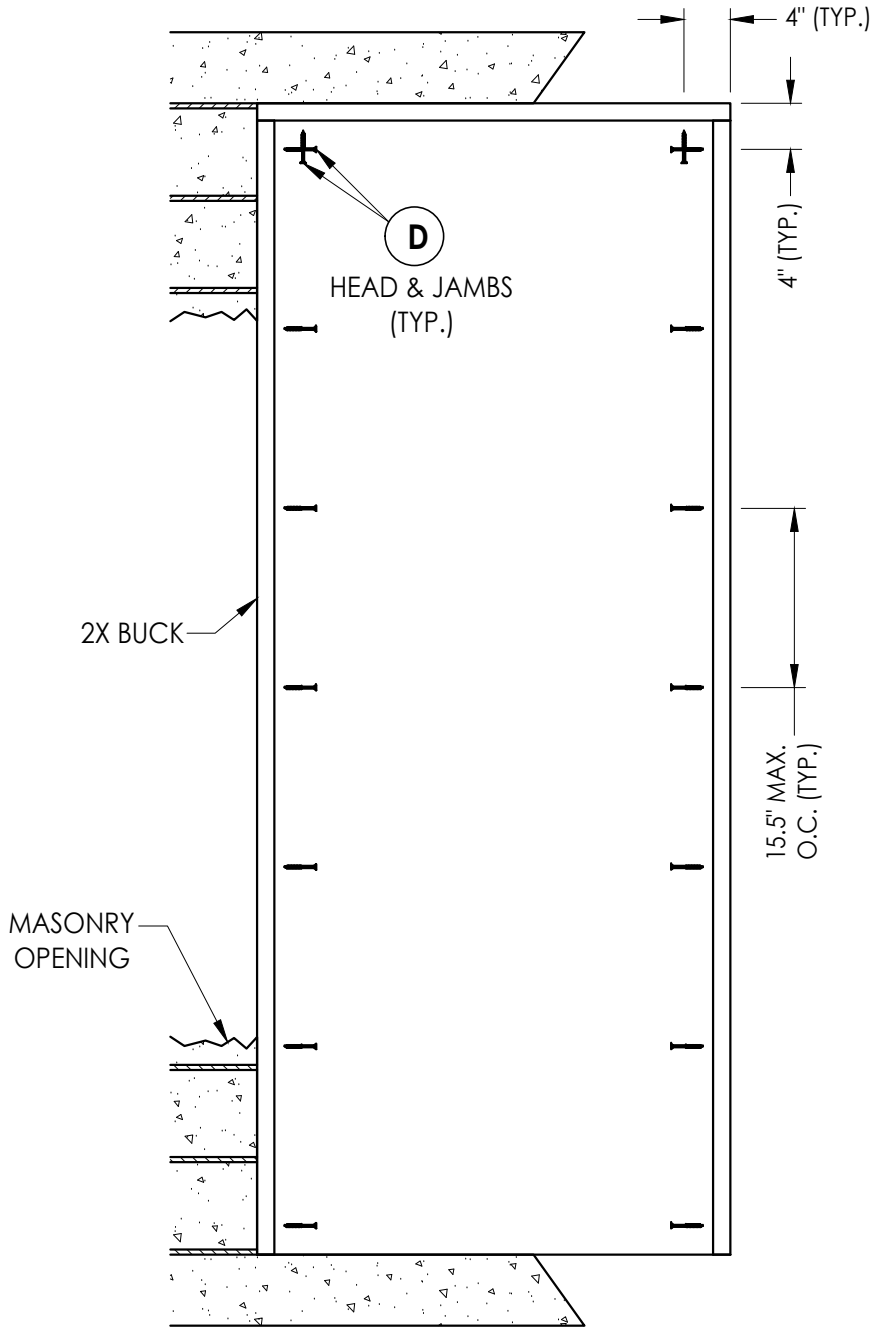
VERTICAL CROSS SECTIONS

Lyndon F. Schmidt
P.E. No. 43409

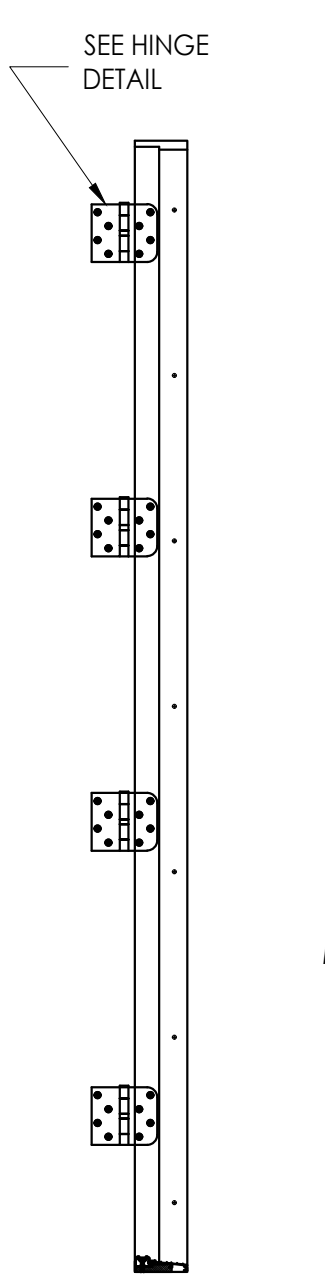
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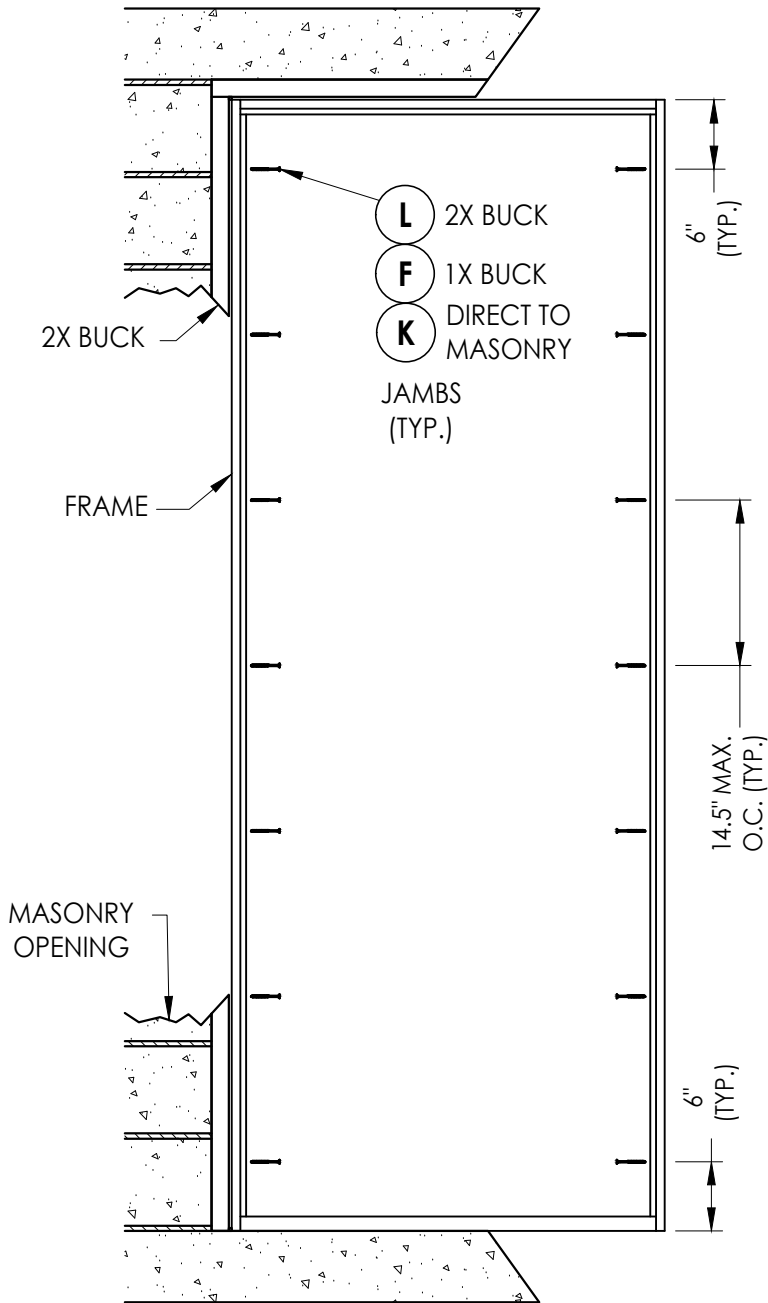
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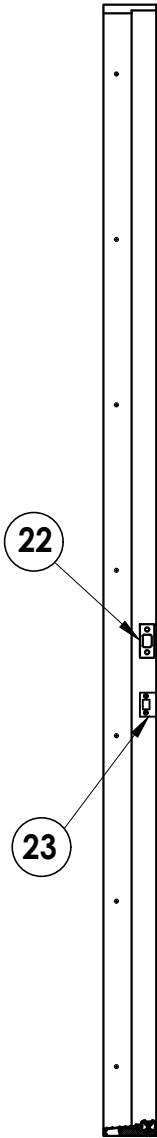
BUCK ANCHORING



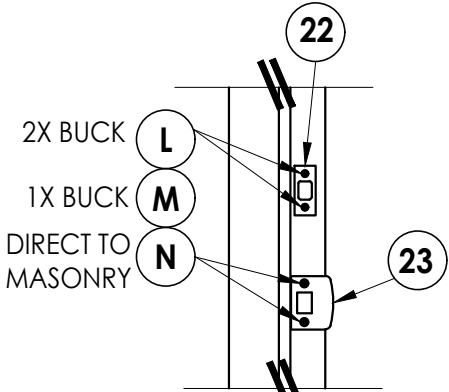
HINGE JAMB
8'-0" Door Shown (4 hinges)
6'-8" Door (3 hinges)



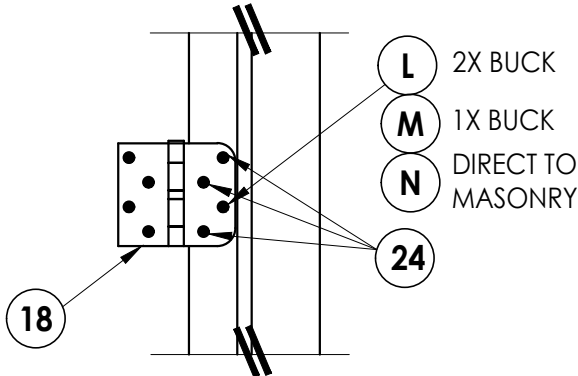
FRAME ANCHORING
Masonry construction



STRIKE JAMB



STRIKE PLATE DETAIL



HINGE DETAIL

NOTE:
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AND THRESHOLD CONNECTIONS.

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P.E. No. 43409

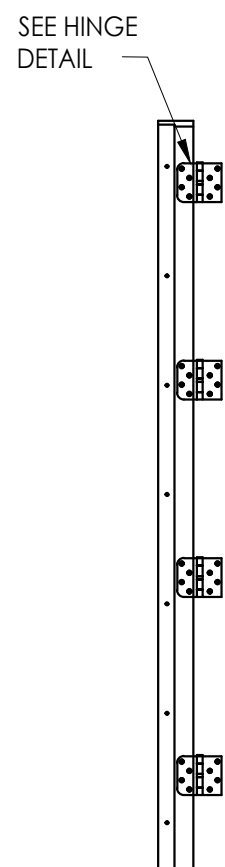
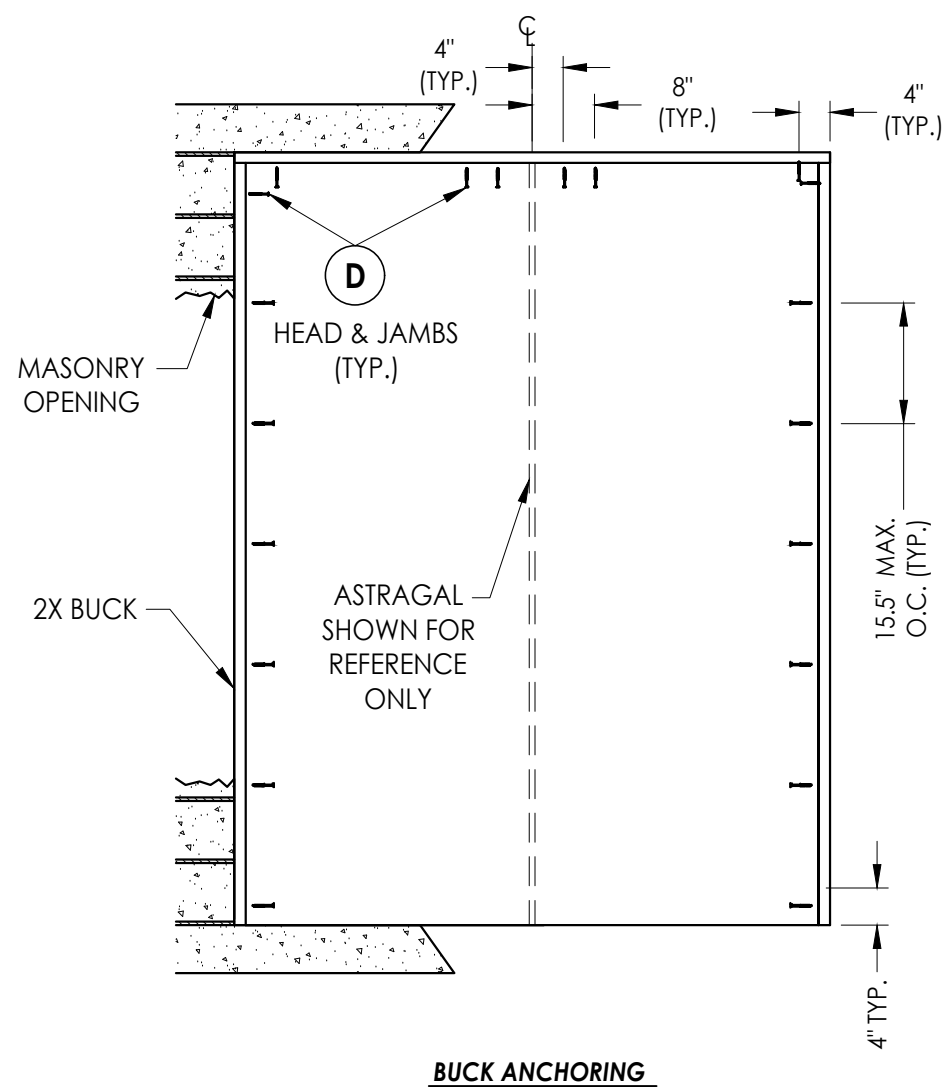
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: NOVA PLASTECH
COMPONENTS

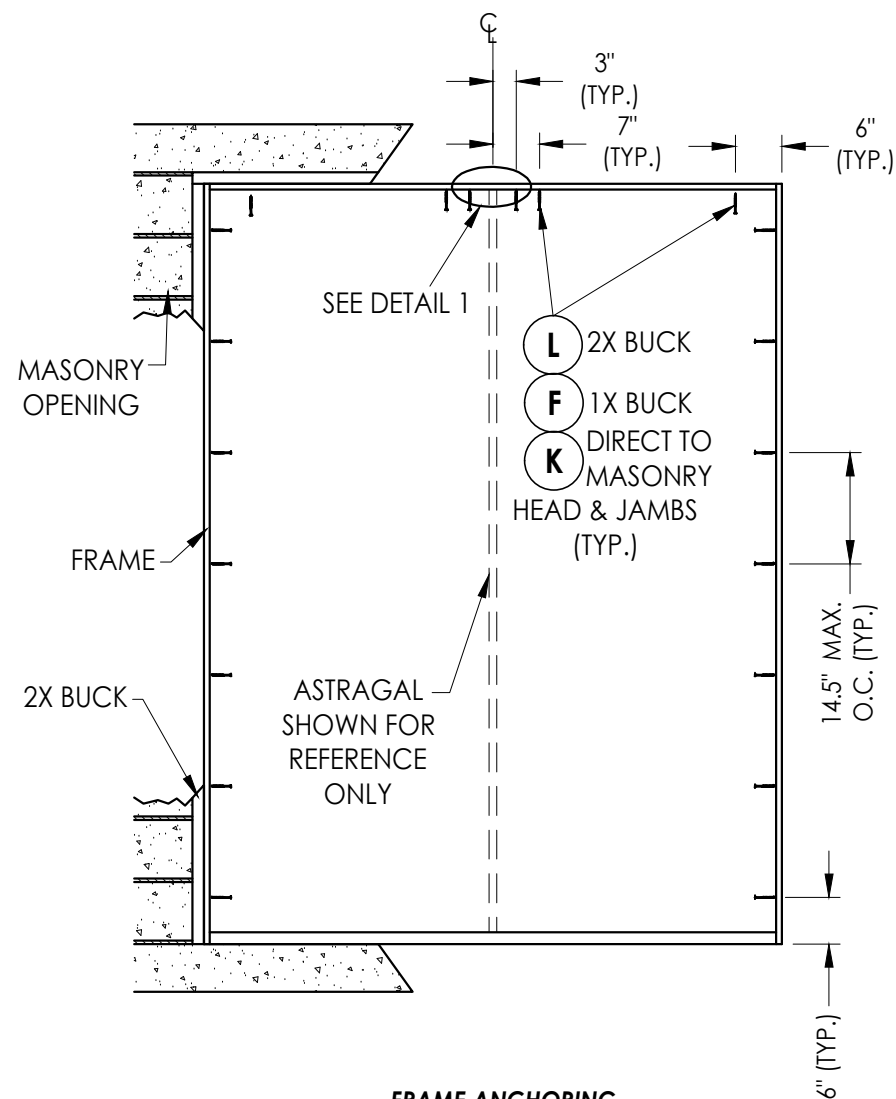
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
2	9/13/23	UPDATE TO 8TH ED. (2023) FBC
1	2/10/21	UPDATE TO 7TH ED. (2020) FBC
NO.	DATE	BY

DATE: 6/7/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-27194.1
SHEET 5 OF 7

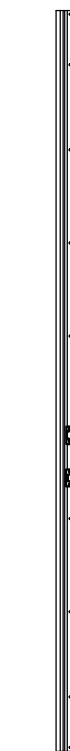


HINGE JAMB
8'-0" Door Shown (4 hinges)
6'-8" Door (3 hinges)

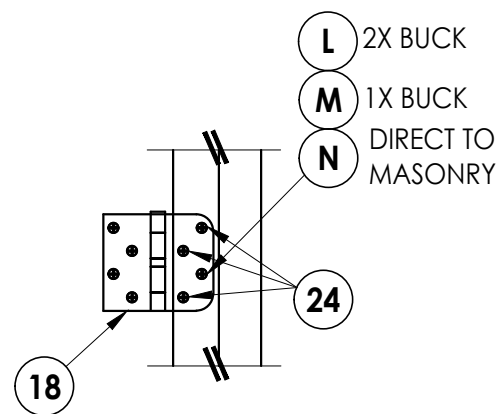


FRAME ANCHORING

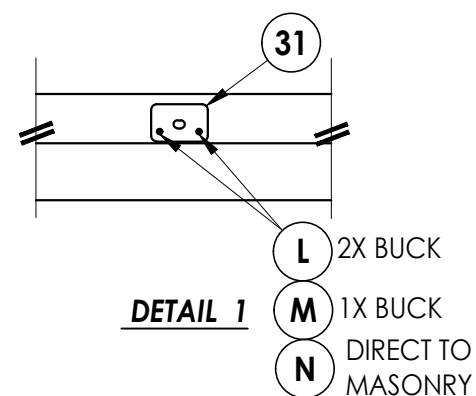
Masonry construction



ASTRAGAL



HINGE DETAIL



DETAIL 1

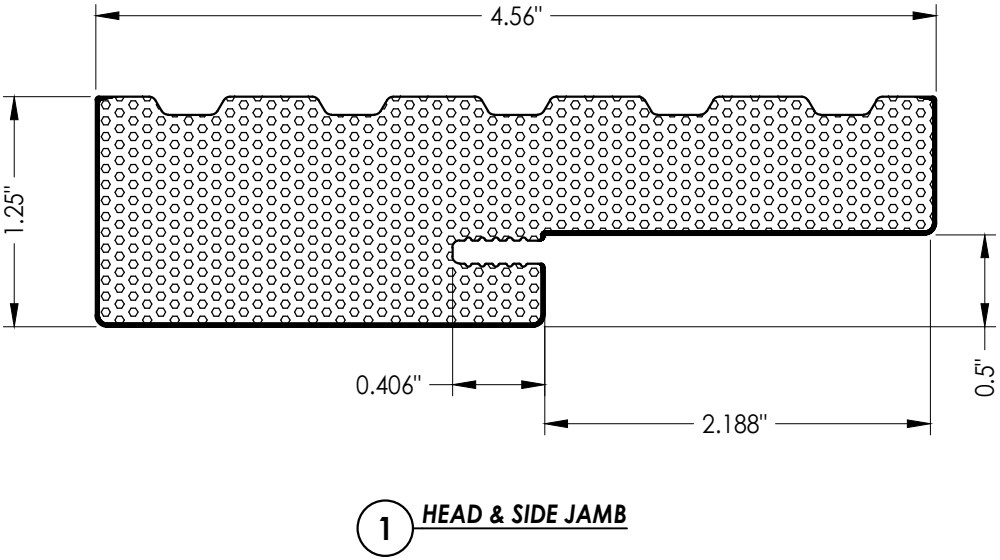
NOTE:
SEE SEPARATE SIDE-HINGED DOOR PRODUCT APPROVAL
FOR DOOR CONSTRUCTION DETAILS NOT SHOWN,
INCLUDING LOCK HARDWARE, ASTRAGAL, HINGE
AND THRESHOLD CONNECTIONS.

[illegible]

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

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

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
K	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" PFH TW CONCRETE SCREW	STEEL
1	HEAD AND JAMB	COMPOSITE
7	WEATHERSTRIP	FOAM
18	4" X 4" HINGE	STEEL
22	DEADBOLT STRIKE PLATE	STEEL
23	LATCH STRIKE PLATE	STEEL
24	#10 X 3/4" PFH SMS	STEEL
31	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL



CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

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

WOOD SCREW INSTALLATION NOTES:

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

DATE: 6/7/18		PRODUCT: NOVA PLASTECH COMPONENTS		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-27194.1					
SHEET 7 OF 7					