

INSTALLATION NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- ASTM E 330-14

• ASTM E 1886-13a

• ASTM E 1996-17

• TAS 201-94

• TAS 202-94

• TAS 203-94
2. LITE KIT GUARD COMPONENTS MAY BE USED WITH THE PANELS SHOWN HEREIN OR WITH PANELS UNDER SEPARATE APPROVAL. SEE NOTE 15 FOR ADDITIONAL INFORMATION. THESE EVALUATION DOCUMENTS REPRESENT LITE KIT GUARD COMPONENTS DESIGNED AND TESTED AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, (IBC) AND THE CURRENT FLORIDA BUILDING CODE. "CANNOT BE USED IN HIGH VELOCITY HURRICANE ZONES".
3. IMPACT TESTING HAS BEEN PERFORMED PER MISSILE LEVEL D AND WIND ZONE 4 REQUIREMENTS. IMPACT RATING OF OVERALL ASSEMBLY SHALL BE LIMITED TO THE LOWER OF THE LITE KIT GUARD AND THE STORM PANEL UNDER SEPARATE APPROVAL. SEE NOTE 15 FOR MORE INFORMATION.
4. "J" HEADER AND SILL HAS A 0.075" WALL THICKNESS.
5. DOOR SYSTEM IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD. LITE KIT GUARD SYSTEM IS APPROVED FOR USE ONLY WITH DOOR SYSTEMS THAT HOLD A CURRENT FLORIDA STATE PRODUCT APPROVAL. NOT FOR USE IN "HVHZ".
6. ANCHORS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
7. ALL ALUMINUM EXTRUSIONS ARE ALLOY 6063-T5 OR T6 WITH TYPICAL WALL THICKNESS OF 0.075".
8. USE HIGH QUALITY CAULK BEHIND KIT’S HEADER AND SILL, OSI. OR EQUIVALENT FOR PERMANENT INSTALLATIONS ONLY (SIDELITES), NOT REQUIRED FOR WHEN USED AS REMOVABLE COMPONENTS ON OPERABLE DOORS.
9. THE RESPONSIBILITY FOR SELECTION OF THESE PRODUCTS TO MEET ANY APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES OR OTHER SAFETY REQUIREMENTS RESTS SOLELY WITH THE ARCHITECT, BUILDER, OWNER OR CONTRACTOR.
10. THESE PRODUCT EVALUATION DOCUMENTS ARE VALID WHEN DATED & SEALED AND/OR A MASTER APPROVAL DOCUMENT IS ON FILE WITH A MUNICIPALITY OR OTHER GOVERNING AGENCY.
11. THESE PRODUCT EVALUATION DOCUMENTS ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THE EXISTING STRUCTURE IS CAPABLE OF SUPPORTING THE SUPERIMPOSED LOADS.
12. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED.
13. WHEN THE SITE CONDITIONS DEVIATE FROM THESE PRODUCT EVALUATION DOCUMENTS, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED BY A DULY LICENSED AND REGISTERED ENGINEER OR ARCHITECT.
14. A MINIMUM OF ONE LABEL PER OPENING OR A CERTIFICATE OF COMPLIANCE SHALL BE PROVIDED BY THE MANUFACTURER OR INSTALLER. WHERE LABELS ARE USED, THE LABEL SHALL READ AS REQUIRED BY THE QUALITY ASSURANCE AGENCY AND NAME OF MANUFACTURER.
15. STORM PANELS SHALL BE AS SHOWN HEREIN OR UNDER SEPARATE APPROVAL. PANELS SHOWN HEREIN ARE 22 GAUGE STEEL CONFORMING TO ASTM A653 SQ GRADE 40, G60 GALVANIZED COATING. STEEL PANELS UNDER SEPARATE APPROVAL SHALL BE A MINIMUM THICKNESS OF 24 GAUGE. THE LESSER DESIGN PRESSURE OF THE LITE KIT GUARD COMPONENTS SHOWN HEREIN AND THE RATED DESIGN PRESSURE OF THE STORM PANELS UNDER SEPARATE APPROVAL SHALL APPLY TO THE OVERALL ASSEMBLY. TYPICAL STORM PANEL DIMENSIONS SHOWN AT RIGHT, ALTERNATE DIMENSIONS AS QUALIFIED BY SEPARATE APPROVAL ARE ACCEPTABLE.
16. PERMANENT FASTENER COMPONENTS MUST BE PROTECTED AGAINST CONTAMINATION & CORROSION.
17. NO INCREASE IN ALLOWANCE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT.
18. REFERENCED TEST REPORTS BY NCTL. ARE THE PROPERTY OF D.W.S.

DIVERSIFIED WINDOW

SOLUTIONS, INC.

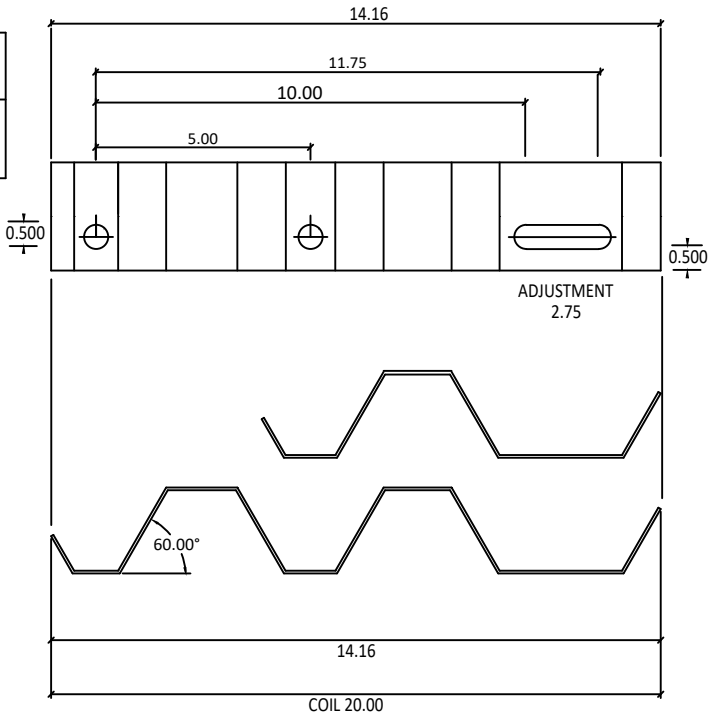
LITE KIT GUARD

PANEL INSTALLATION NOTES MAXIMUM SPAN 96.25":

1. INSERT 3/4" HEX HEAD 1/4" #20 BOLTS INTO THE TOP AND BOTTOM TRACKS, ONE BOLT FOR EACH HOLE IN THE TOP AND BOTTOM OF THE PANELS.
2. INSTALL PANELS FROM THE LEFT SIDE OF THE DOOR OPENING TOWARDS THE RIGHT SIDE OF THE OPENING. THE NARROW EDGE OF THE PANEL IS ON THE LEFT AND THE WIDER SIDE OF THE PANEL WITH THE ELONGATION HOLE TO THE RIGHT SIDE.
3. PLACE THE PRE-PUNCHED HOLES IN THE TOP AND BOTTOM OF THE PANEL OVER THE BOLTS EXTENDING FROM THE TOP AND BOTTOM "J" TRACKS.
4. INSTALL THE WINGNUTS ON THE LEFT BOLTS AND ON THE CENTER BOLTS, DO NOT TIGHTEN THE WING NUTS AT THIS TIME.
5. INSTALL THE NEXT PANEL OVERLAPPING THE FIRST PANEL WITH THE NARROW SIDE OF THE SECOND PANEL OVERLAPPING THE WIDER RIGHT SIDE OF THE FIRST PANEL.
6. ON THE SECOND PANEL, INSTALL THE WINGNUTS ON THE LEFT BOLT AND ON THE CENTER BOLTS, DO NOT TIGHTEN THE WING NUTS AT THIS TIME.
7. CONTINUE INSTALLING PANELS USING THIS METHOD UNTIL THE OPENING IS COVERED.
8. WITH THE WING NUTS LOOSE, THE PANELS MAY BE ADJUSTED TO THE RIGHT OR LEFT AS NEEDED. ONCE THIS IS DONE, TIGHTEN ALL WING NUTS TO PROPERLY SECURE THE PANELS TO THE UPPER AND LOWER "J" TRACKS.
9. DO NOT STAND BEHIND DOOR DURING A STORM.

SIZE & CONFIGURATION	DESIGN PRESSURE	MISSILE IMPACT RATING
36" X 96.25"	+60/-60 PSF	LARGE MISSILE IMPACT RATED

DESIGN PRESSURE RATING SHOWN ABOVE IS FOR LITE KIT GUARD COMPONENTS. SEE SEPARATE APPROVAL FOR DESIGN PRESSURE RATING OF STORM PANELS. LOWEST APPROVED PRESSURE TO GOVERN ALLOWABLE PRESSURE FOR INSTALLED PRODUCTS.



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LIT KIT GUARD
GENERAL &
INSTALLATION NOTES

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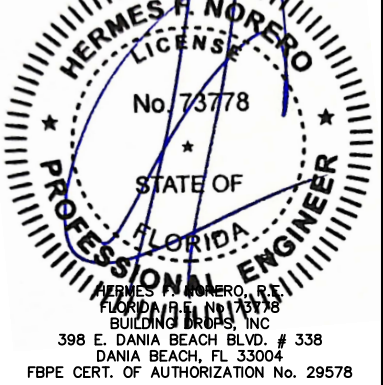
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REMARKS	BY	DATE
6TH ED. FBC CC	SM	01/18
STORM PANEL UPDT	SM	01/18
7TH ED. FBC CC	LL	01/20
2023 FBC CC	FB	09/23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.10.19 14:57:18 -0400



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FL5580

DATE:
11.05.10

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JLA

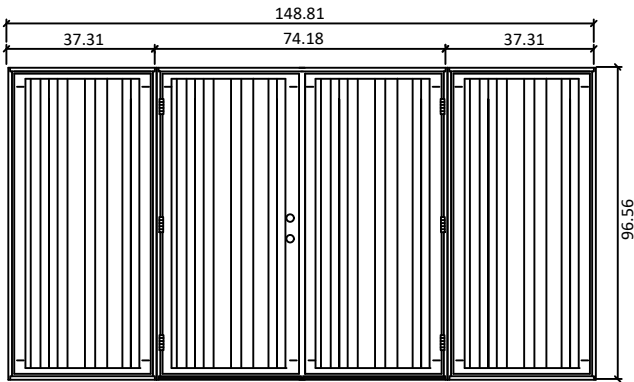
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HFN

SCALE:
NTS

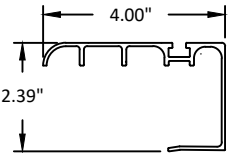
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DWS002

SECTION
1

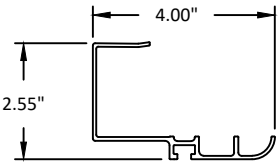
OF 6



3'0 X 6'8 OR 8'0 - LITE (O), DOOR (X), DOOR (X), LITE (O)
THE SHUTTER INSERT PROTECTOR KIT IS INSTALLED
DOOR BY OTHERS MUST MEET LOCAL CODE REQUIREMENTS



OUTSWING SHUTTER INSERT PROTECTOR EXTRUSION

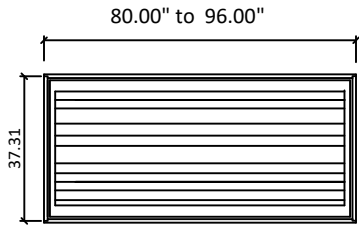


INSWING SHUTTER INSERT PROTECTOR EXTRUSION

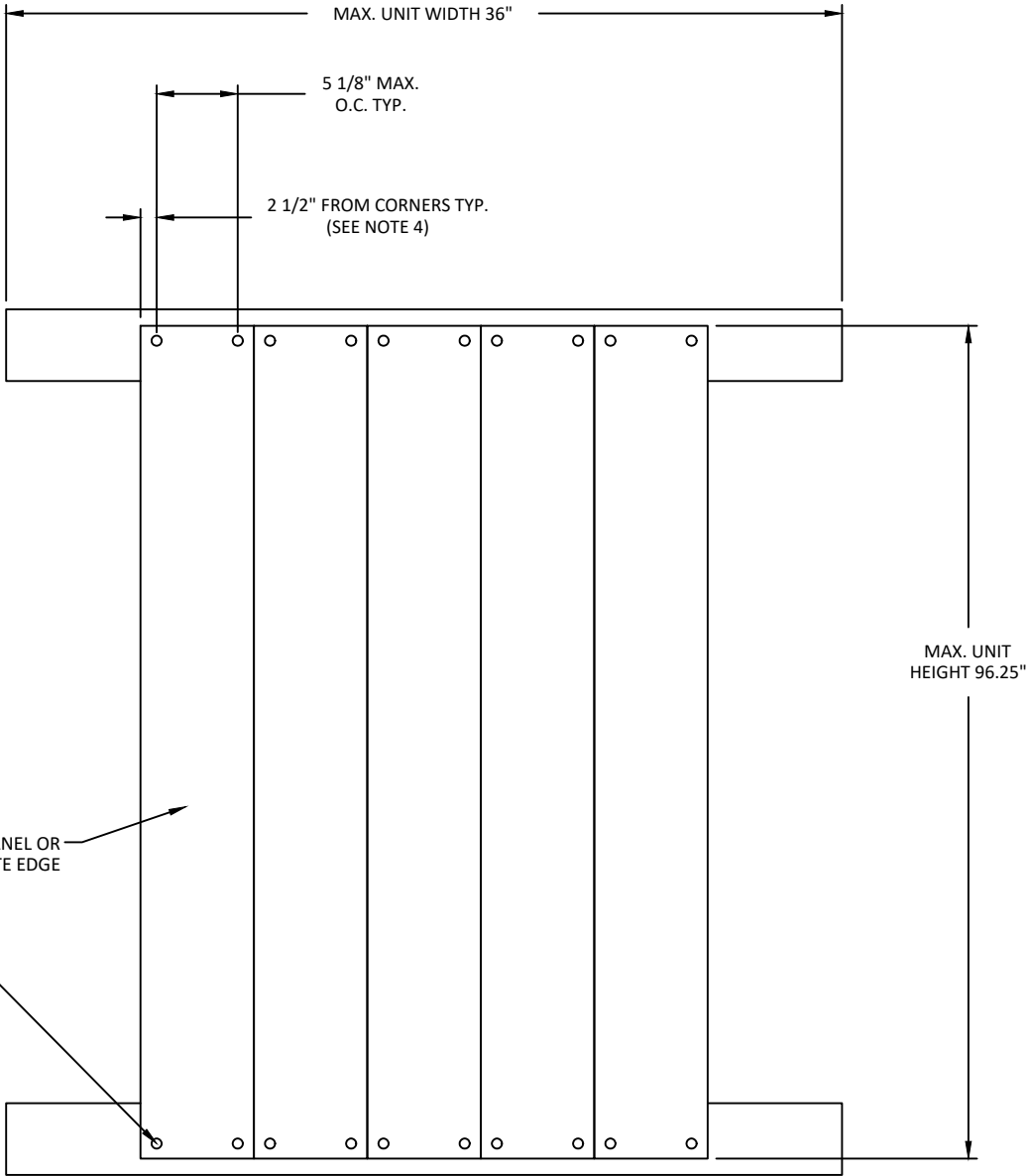
NOTES:

1. USE CAULK BEHIND KIT'S "J" HEADER & SILL, ON FIXED SIDELITES ONLY.
2. STORM PANELS SHALL BE AS SHOWN HEREIN OR UNDER SEPARATE APPROVAL. STEEL MINIMUM THICKNESS OF 24 GAUGE FOR PANELS UNDER SEPARATE APPROVAL. THE LESSER DESIGN PRESSURE OF THE LITE KIT GUARD COMPONENTS SHOWN HEREIN AND THE RATED DESIGN PRESSURE OF THE STORM PANELS UNDER SEPARATE APPROVAL SHALL APPLY TO THE OVERALL ASSEMBLY. SEE SHEET 1 FOR DESIGN PRESSURE RATINGS OF LIT KIT GUARD COMPONENTS.
3. PRODUCT APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANT PROTECTIVE SYSTEM IS REQUIRED.
4. KIT SHUTTER PANELS ARE ANCHORED AT HEAD AND SILL ONLY WITH 1/4-20 X 3/4" SS BOLTS WITH 1/4-20 WINGNUT WASHER. ANCHORS ARE LOCATED 2 1/2" FROM EACH CORNER OF THE PANEL AND 5 1/8" MAX. O.C.
5. FASTENERS WILL GO THROUGH THE FRAME HEADER AND SILL TO SECURE THE DOOR LEAF TO FRAME ON FIXED SIDELITES ONLY.
6. FASTENER SPACING FOR SIDELITE PANELS TO FOLLOW DOOR MANUFACTURER'S SPECIFICATIONS.

STORM PANEL MAY BE INSTALLED VERTICALLY OR HORIZONTALLY.



TYPICAL BOX UNIT AND STORM PANEL
DETAIL 4 - 3'0 X 8'0 , O OR X



FASTENERS FOR STORM PANELS
(SEE NOTE 4)

OX CONFIGURATION WITH SHUTTER PANELS
EXTERIOR ELEVATION



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LIT KIT GUARD
ELEVATIONS &
ANCHOR LAYOUT

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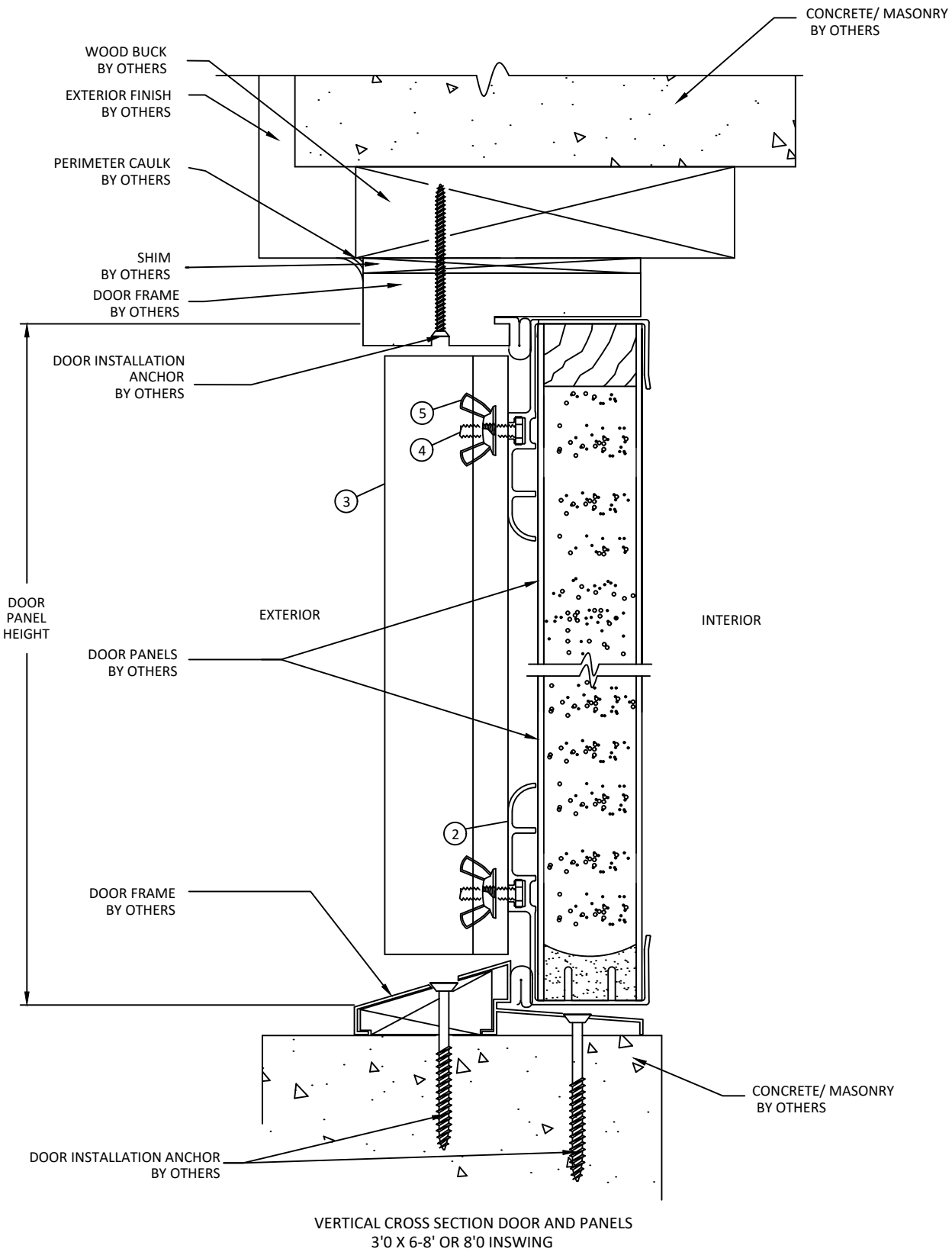
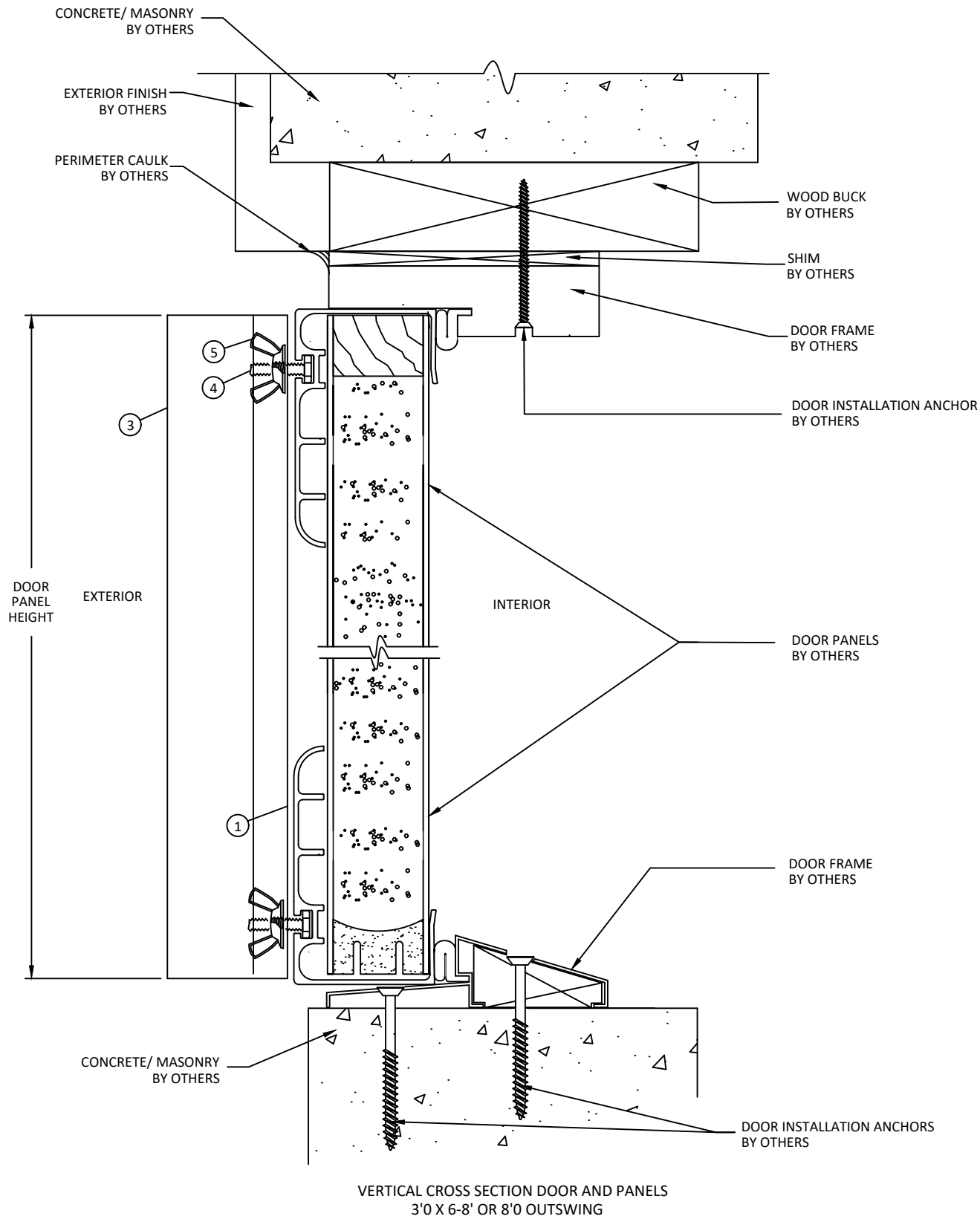


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SCALE:	NTS
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SECTION	2



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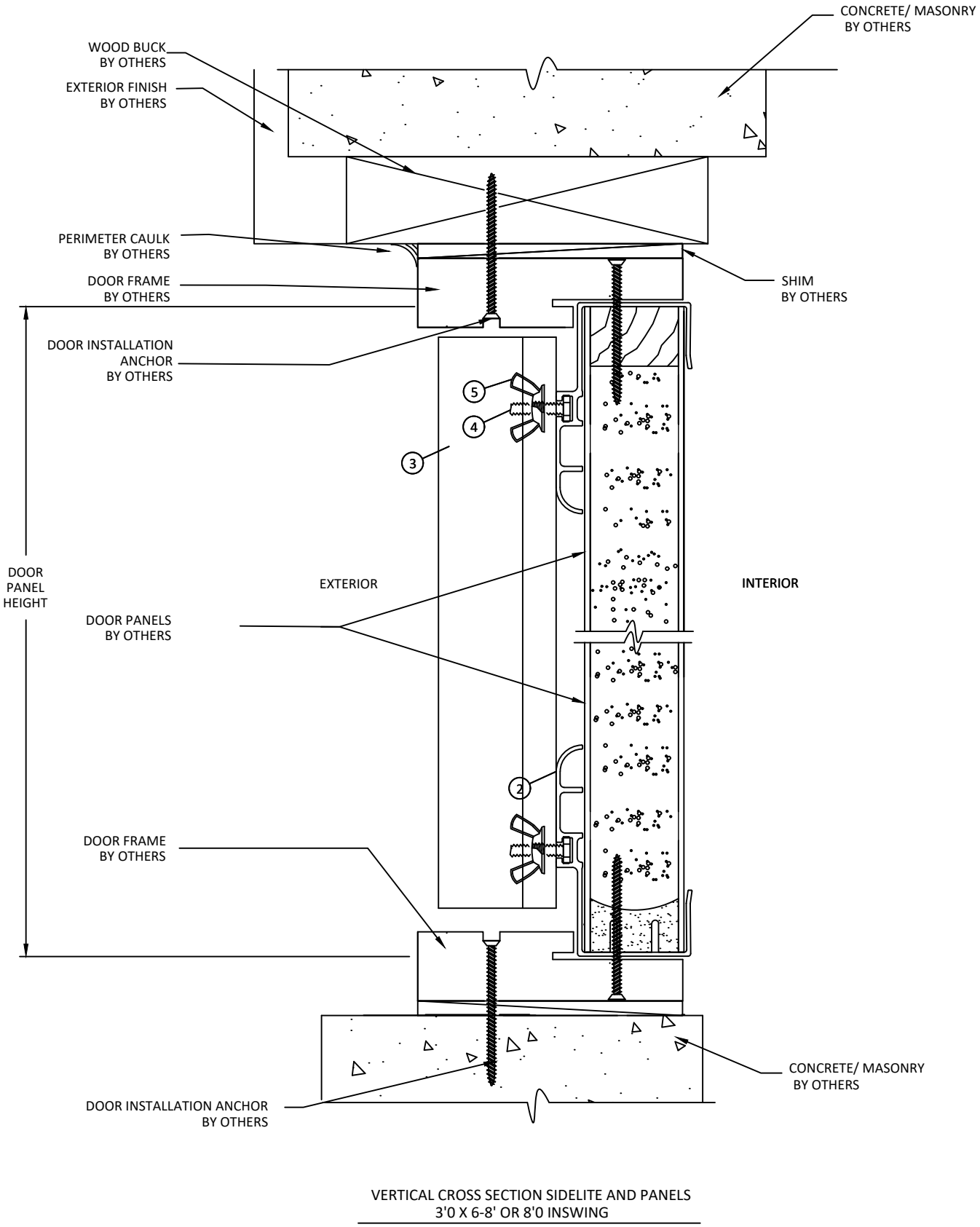
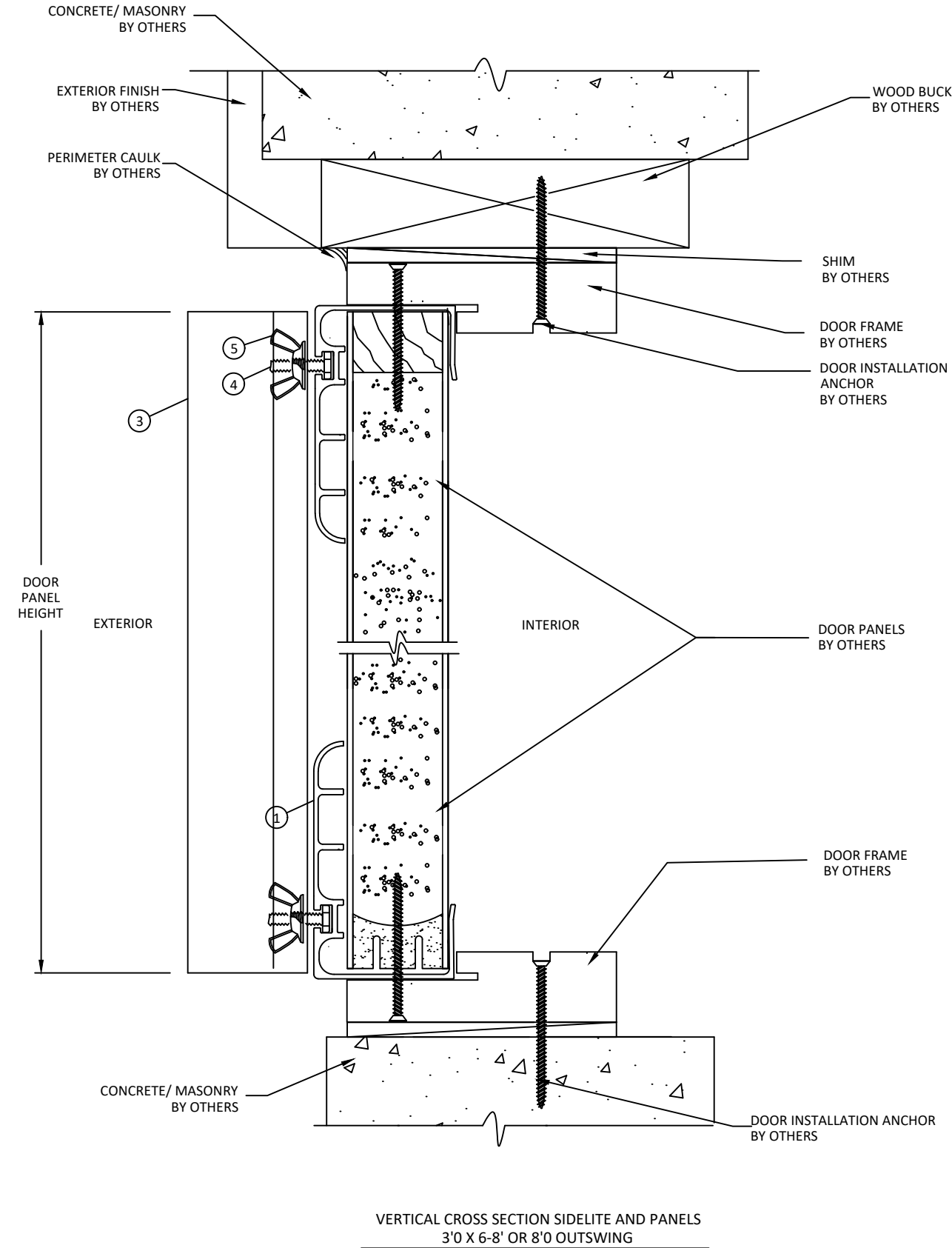


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SECTION	3



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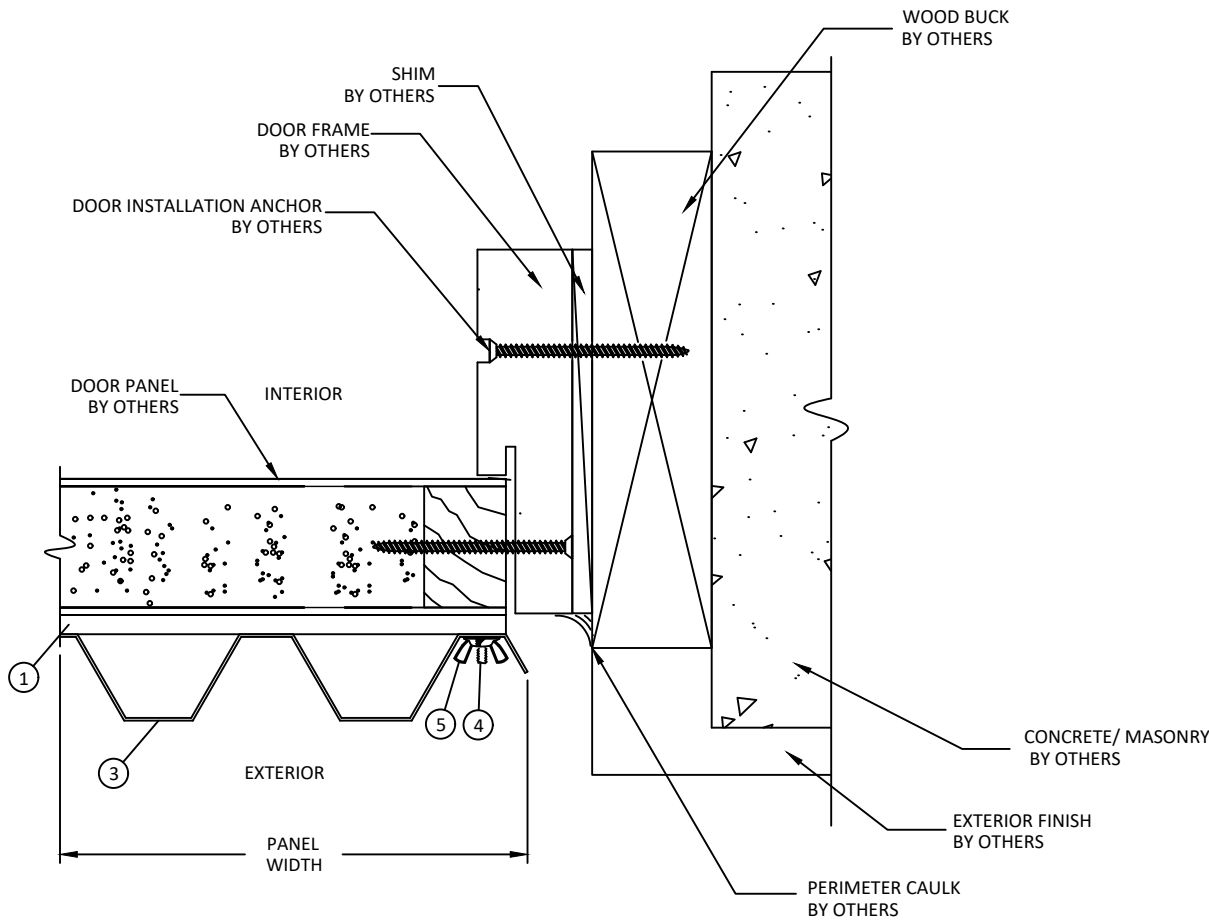
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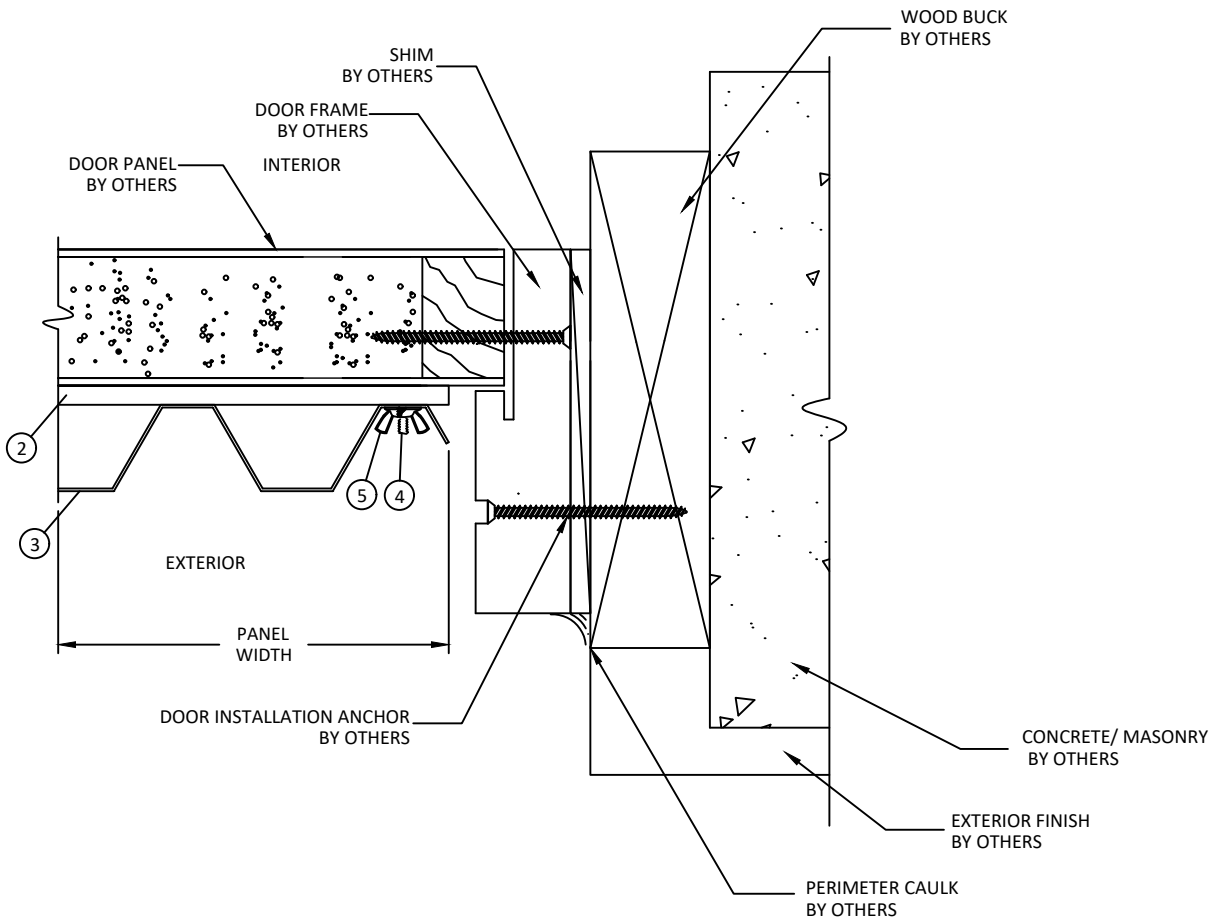
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SECTION	4



HORIZONTAL CROSS SECTION SIDELITE AND PANELS
OUTSWING



HORIZONTAL CROSS SECTION SIDELITE AND PANELS
INSWING



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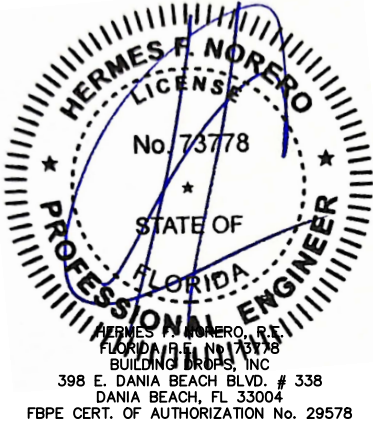
LIT KIT GUARD
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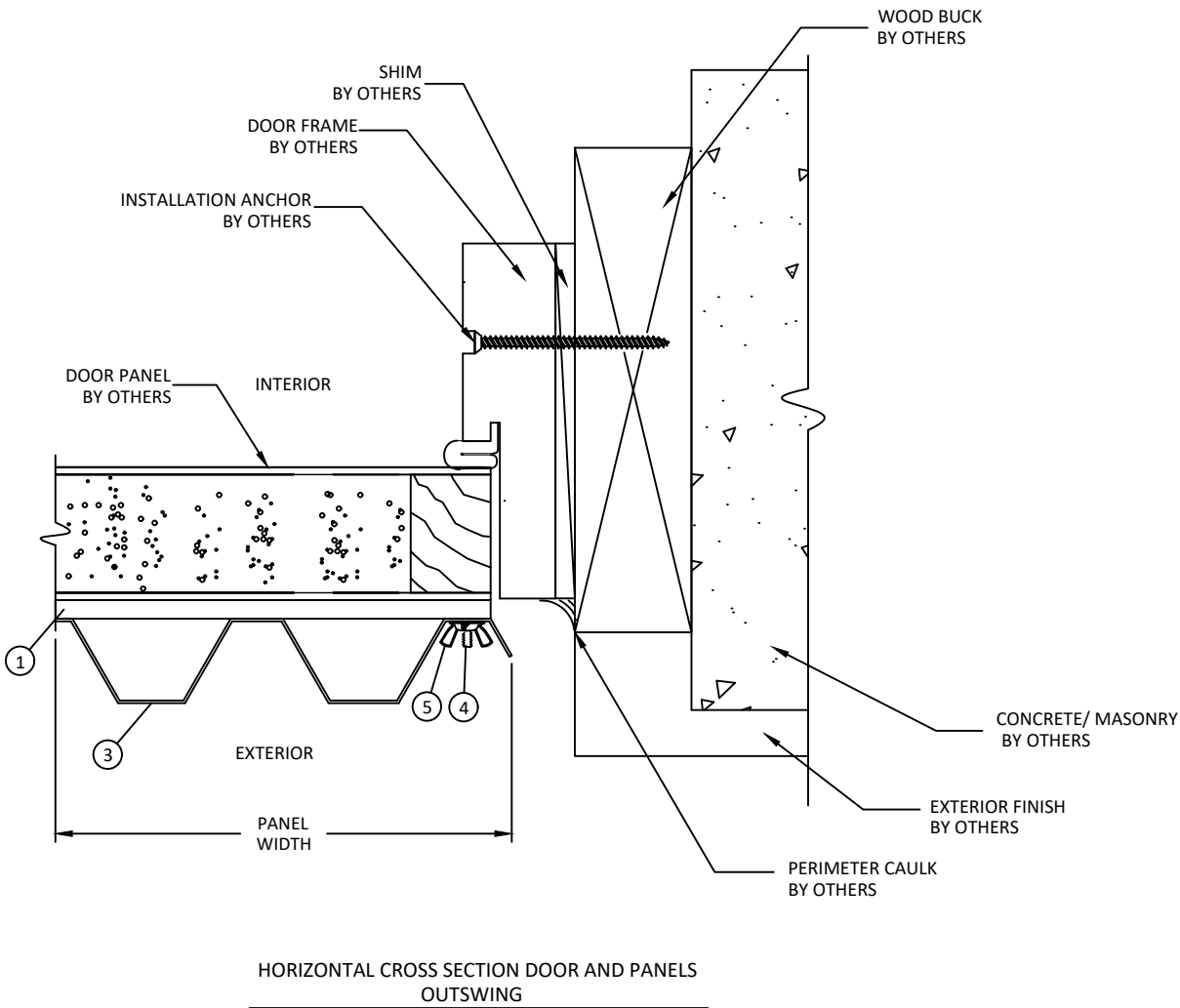
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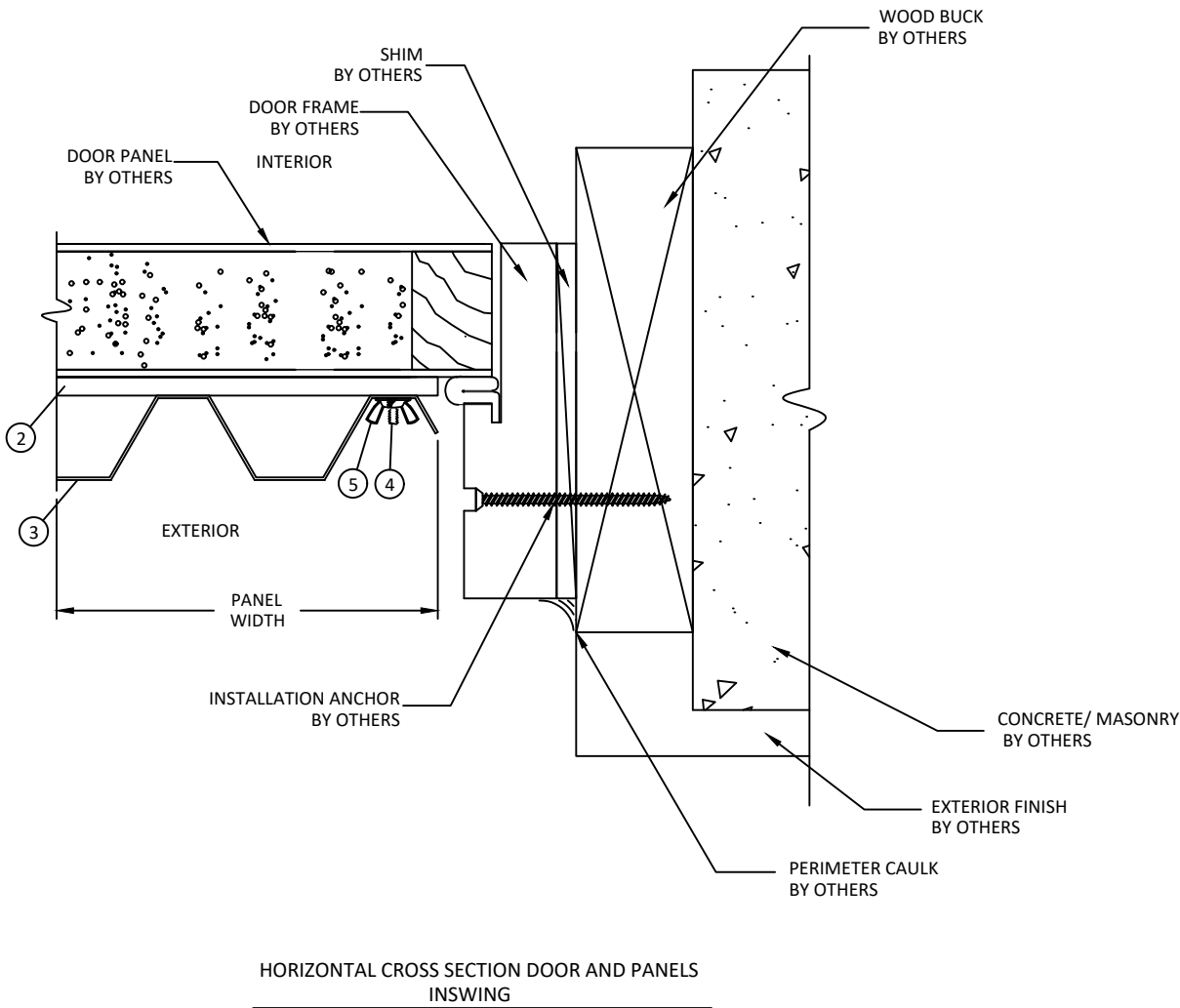


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SECTION	5

BILL OF MATERIALS			
ITEM NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	SHUTTER HEAD & SILL (OS)	6063-T5	DIVERSIFIED WINDOWS
2	SHUTTER HEAD & SILL (IS)	6063-T5	DIVERSIFIED WINDOWS
3	SHUTTER PANEL	VARIES	VARIES
4	1/4-20 x 3/4" BOLT	SS	DIVERSIFIED WINDOWS
5	1/4-20 WING NUT	SS	DIVERSIFIED WINDOWS



HORIZONTAL CROSS SECTION DOOR AND PANELS
OUTSWING



HORIZONTAL CROSS SECTION DOOR AND PANELS
INSWING

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LIT KIT GUARD
HORIZONTAL SECTIONS &
BILL OF MATERIALS

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FBPE CERT. OF AUTHORIZATION No. 29578

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SECTION

6

OF 6