

ABET LAMINATI

MEG FACADE PANEL SYSTEM

(HVHZ)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) **INCLUDING** HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- PANEL MATERIAL: HIGH PRESSURE LAMINATE (CELLULOSE FIBRES CORE LAYER).
- INSTALLATION OF SIDING ACCESSORIES SHALL BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER'S INSTRUCTIONS.
- INSTALLATION SHALL BE DONE OVER WALL CONSTRUCTION COMPLYING WITH THE FLORIDA BUILDING CODE SECTION 1626.4.

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5	INSTALLATION NOTES, PANEL DETAIL AND ANCHOR TABLE
6	BILL OF MATERIALS

DESIGN RATING		
PANEL THICKNESS	MAX. PANEL SIZE	DESIGN PRESSURE
SEE SHEET 5	SEE SHEET 2	- 70 PSF

ABET LAMINATI

N48W37031 E WISCONSIN AVE
OCONOMOWOC, WI 53066-0088
PH: (262) 567-4427 FAX: (262) 567-4814

TITLE:
MEG FACADE PANEL SYSTEM
(HVHZ)

GENERAL NOTES & DESIGN RATING

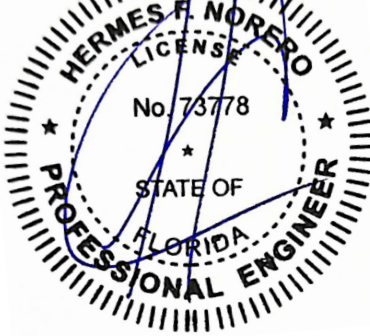
PREPARED BY:

BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.08.28 15:15:07 -0400'



HERMES F. NORERO, P.E.
FLORIDA P.E. No 73778
BUILDING DROPS, INC
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL46908**

DATE: **05.14.2024**

DWG. BY:
DI

CHK. BY:
HFN

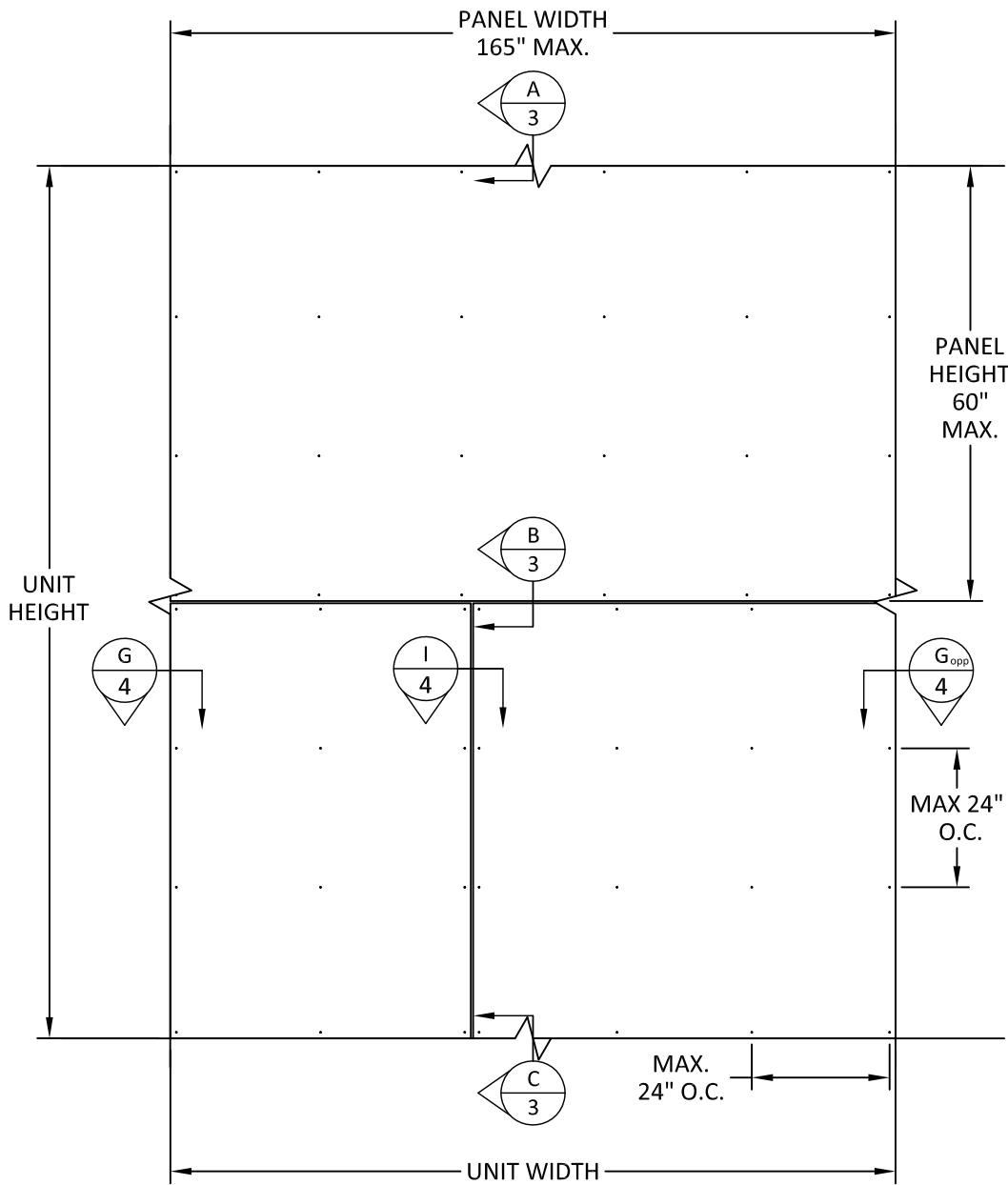
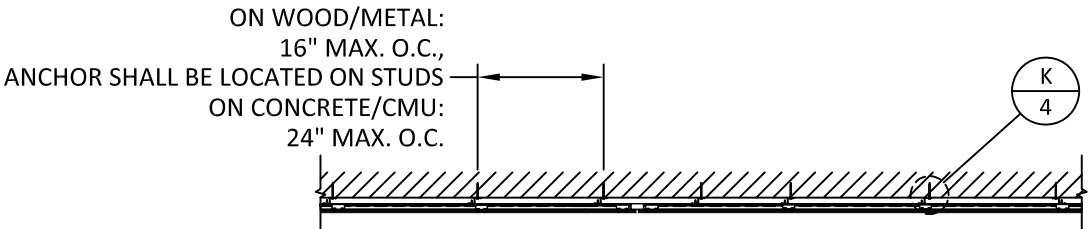
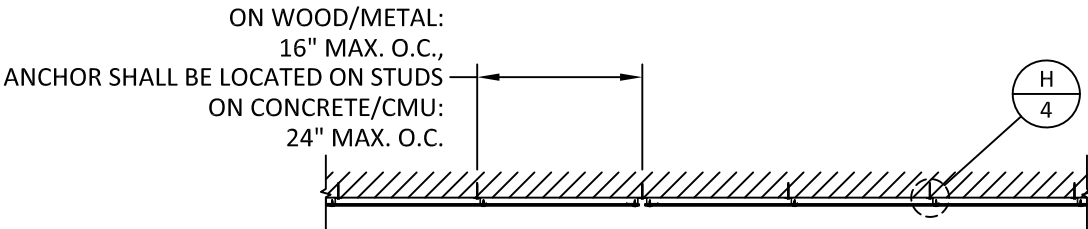
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DWG. #: **ABL002**

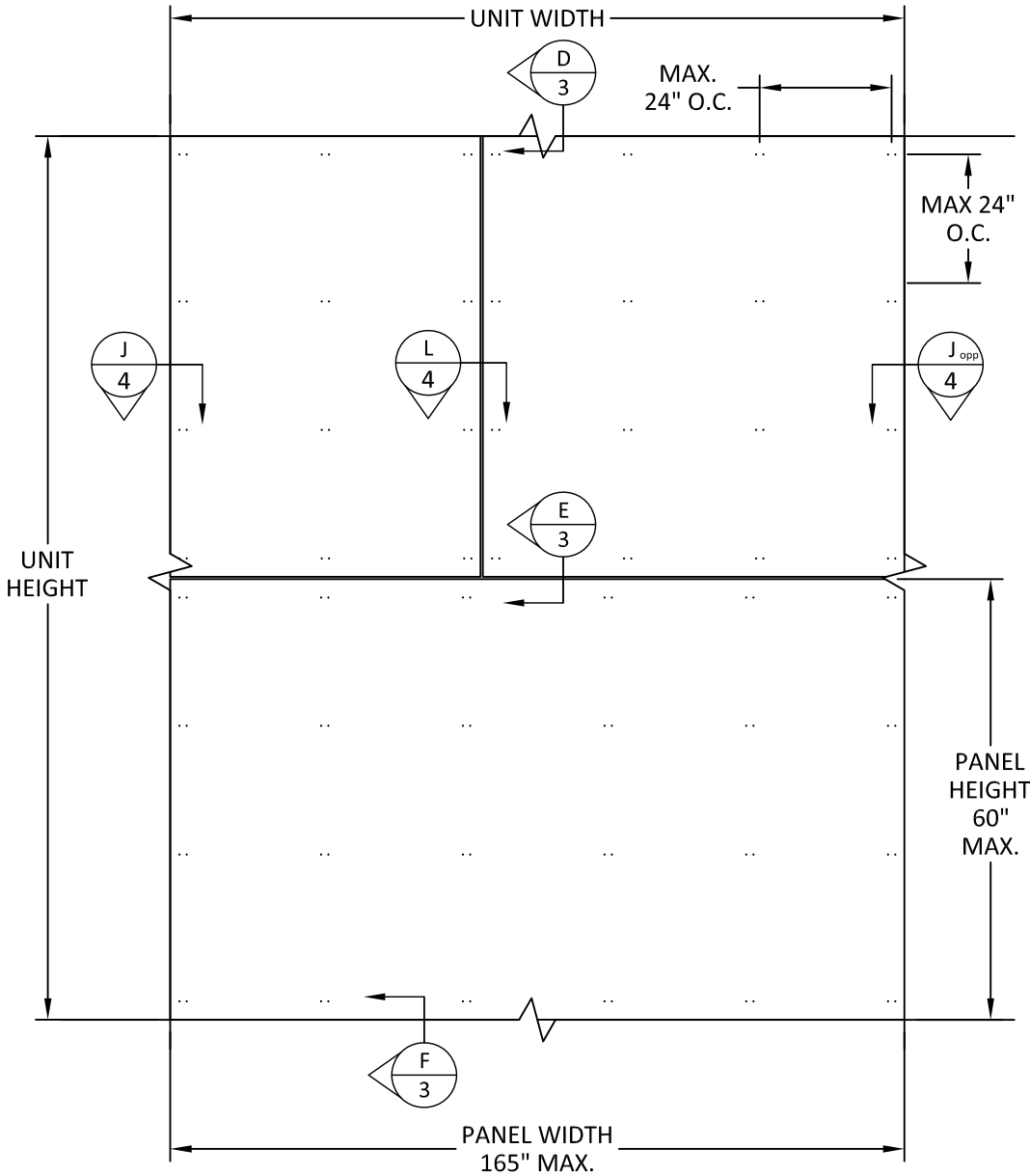
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TYPICAL EXPOSED FASTENER
ELEVATION AND ANCHOR LAYOUT



TYPICAL CONCEALED FASTENER
ELEVATION AND ANCHOR LAYOUT

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TYPICAL ELEVATION &
ANCHOR LAYOUT

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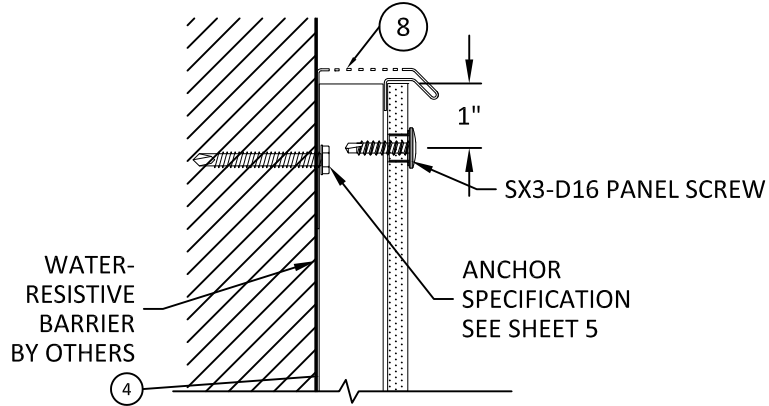
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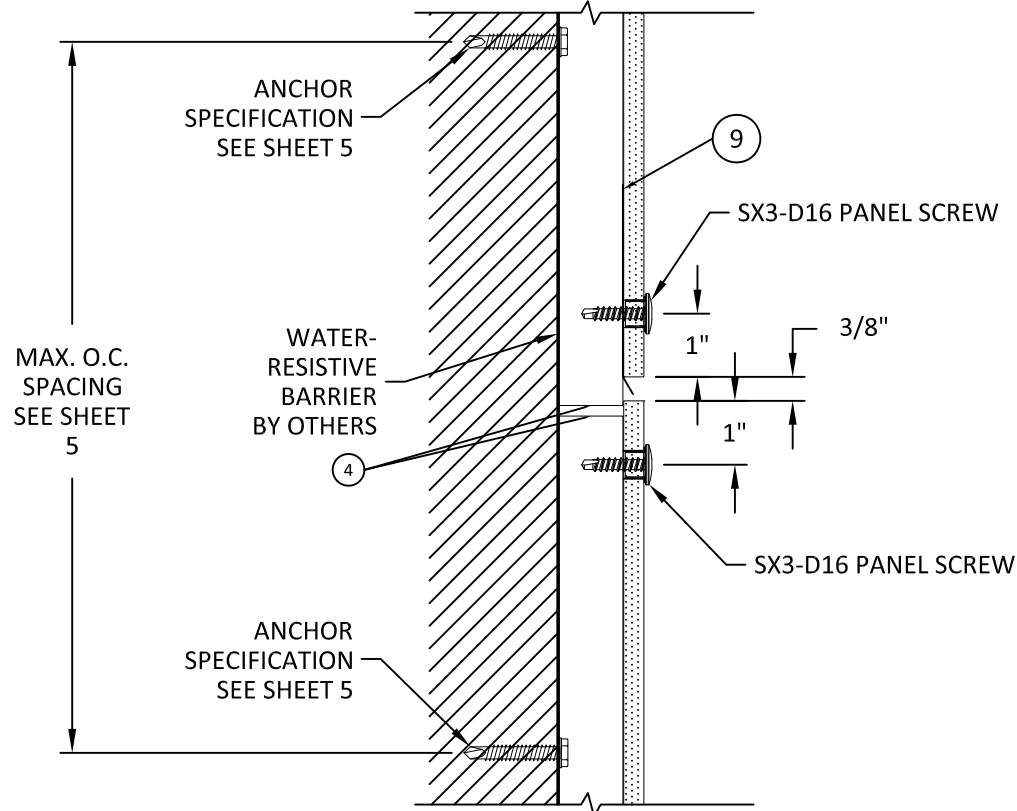
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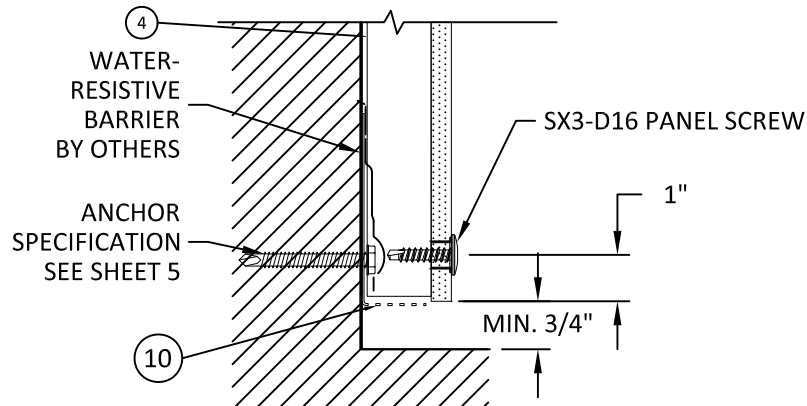
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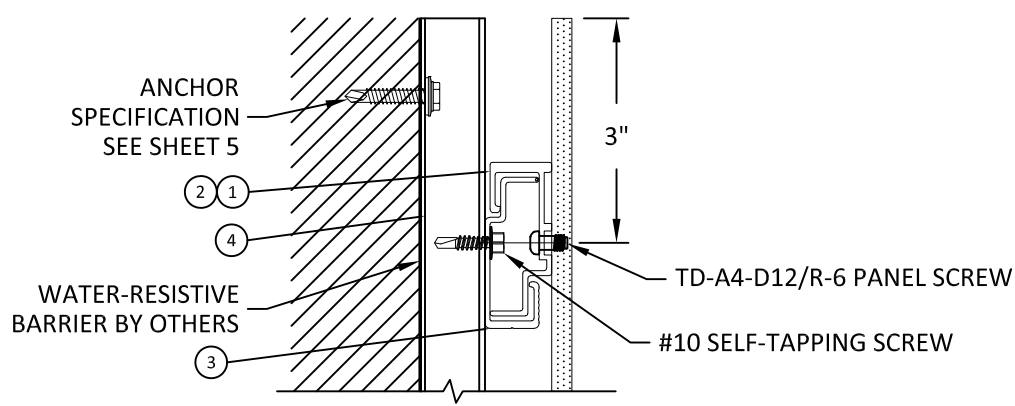
A
3
VERTICAL SECTION
PANEL TOP
EXPOSED FASTENER INSTALLATION



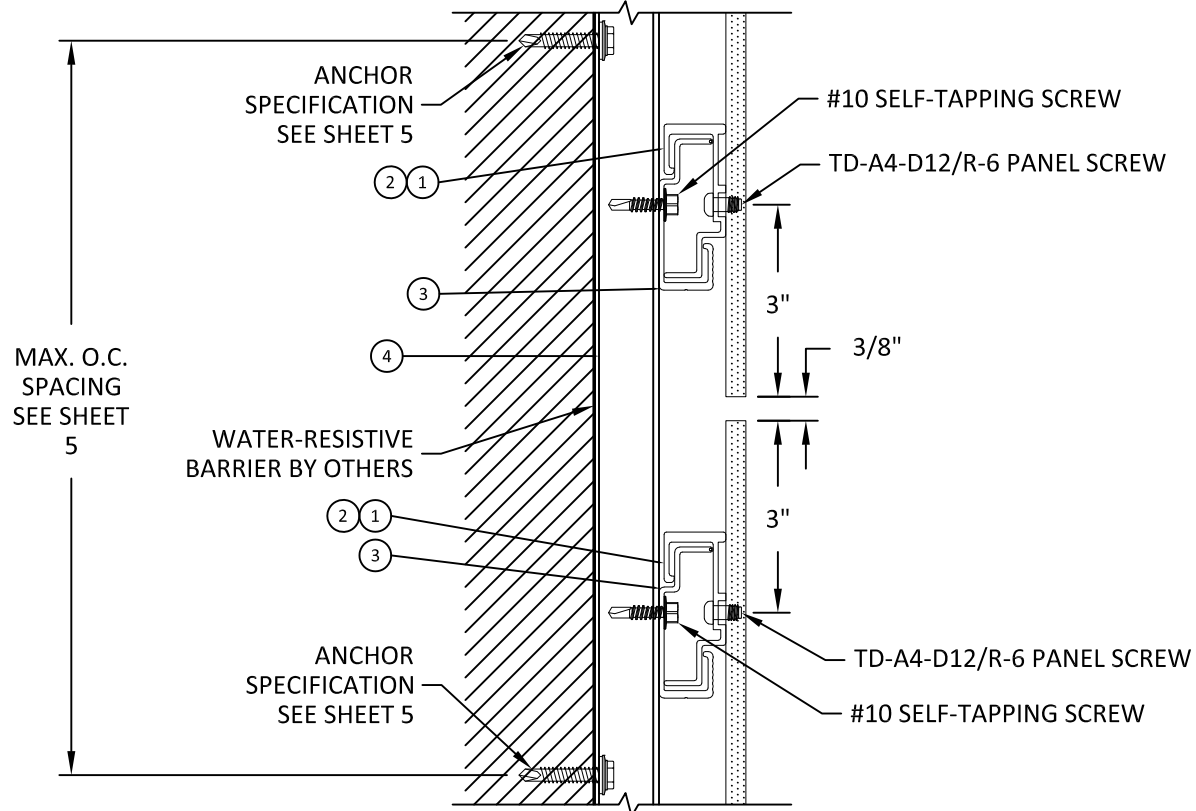
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VERTICAL SECTION
PANEL INTERSECTION
EXPOSED FASTENER INSTALLATION



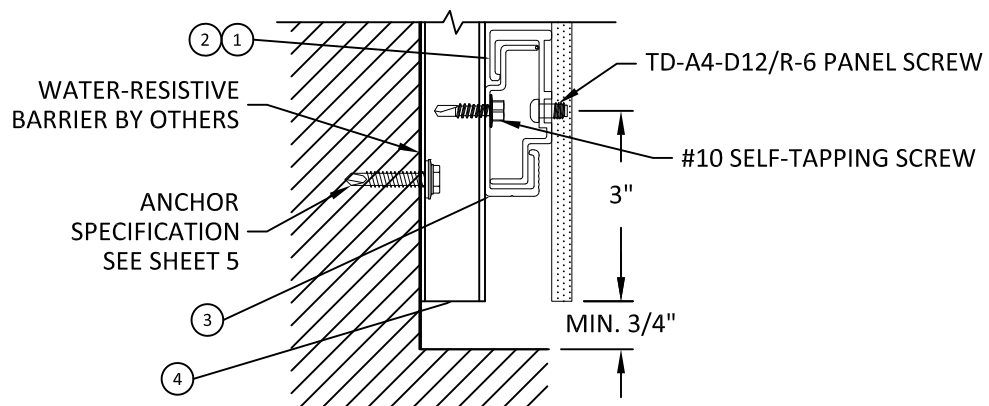
C
3
VERTICAL SECTION
PANEL BOTTOM
EXPOSED FASTENER INSTALLATION



D
3
VERTICAL SECTION
PANEL TOP
CONCEALED FASTENER INSTALLATION



E
3
VERTICAL SECTION
PANEL INTERSECTION
CONCEALED FASTENER INSTALLATION



F
3
VERTICAL SECTION
PANEL BOTTOM
CONCEALED FASTENER INSTALLATION

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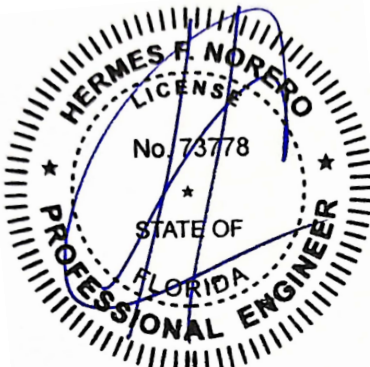
VERTICAL SECTIONS

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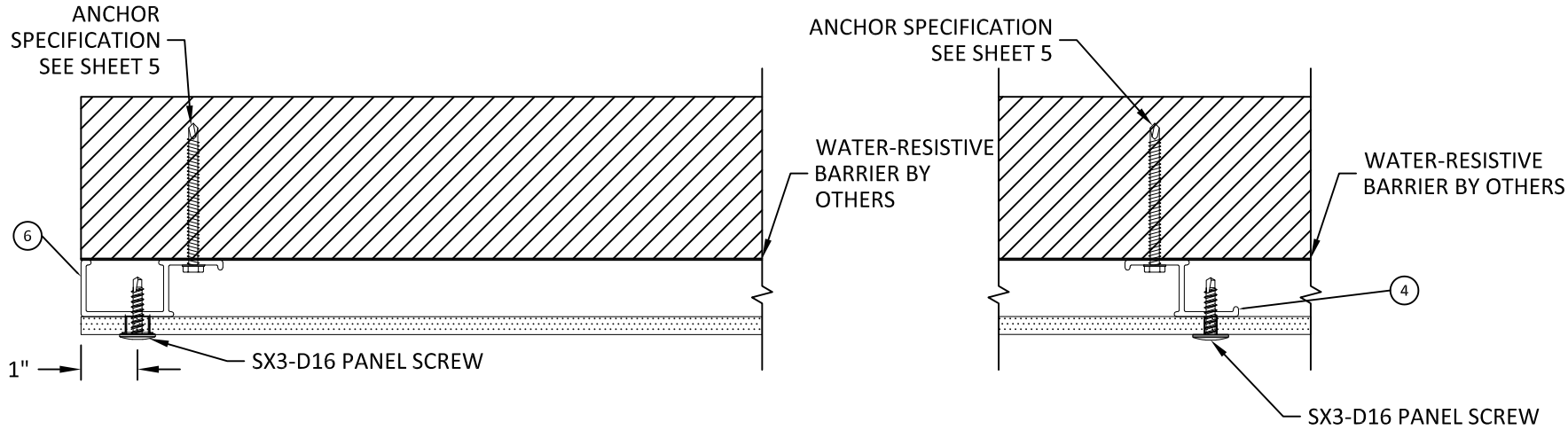
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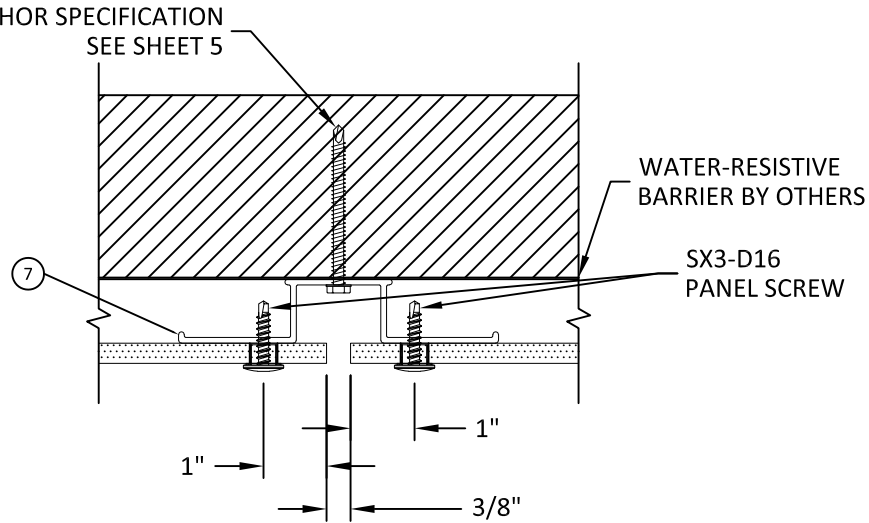
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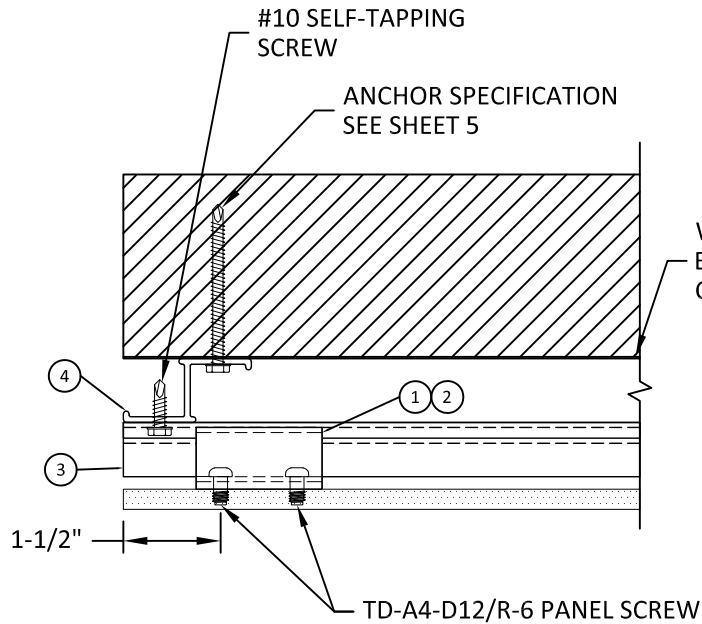


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4 HORIZONTAL SECTION
EXPOSED FASTENER INSTALLATION

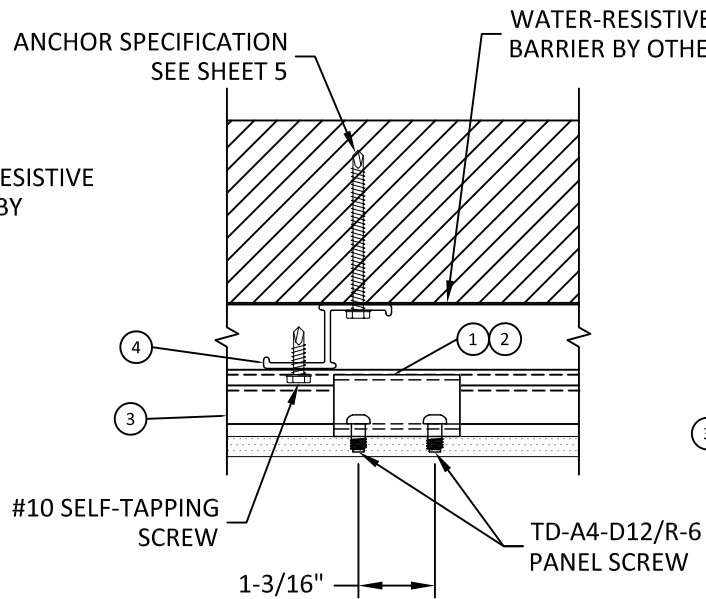
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EXPOSED FASTENER INSTALLATION



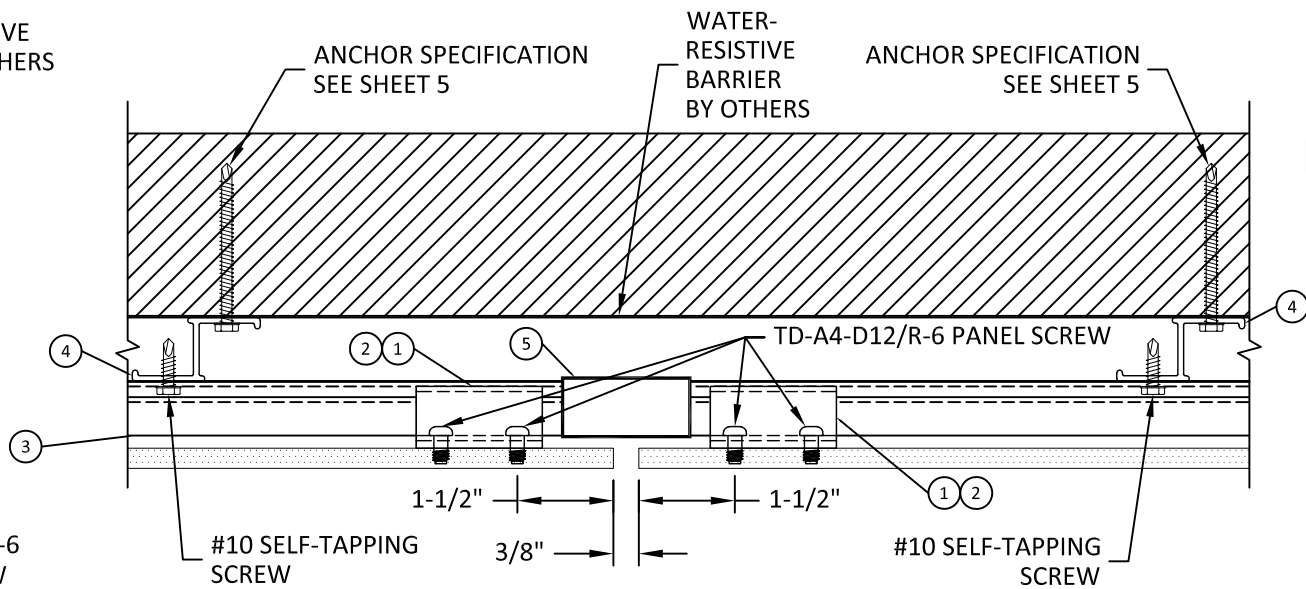
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4 HORIZONTAL SECTION
EXPOSED FASTENER INSTALLATION



J
4 HORIZONTAL SECTION
CONCEALED FASTENER INSTALLATION



K
4 HORIZONTAL SECTION
CONCEALED FASTENER INSTALLATION



L
4 HORIZONTAL SECTION
CONCEALED FASTENER INSTALLATION

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HORIZONTAL SECTIONS

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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

HERMES F. NORERO, P.E.
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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. 5/8" (5-PLY) PLYWOOD SUPPORTED BY 2X WOOD STUDS OR 2X6 METAL STUDS, EACH AT 16" O.C.

A.a. WOOD STUDS - MINIMUM SPECIFIC GRAVITY OF 0.55.

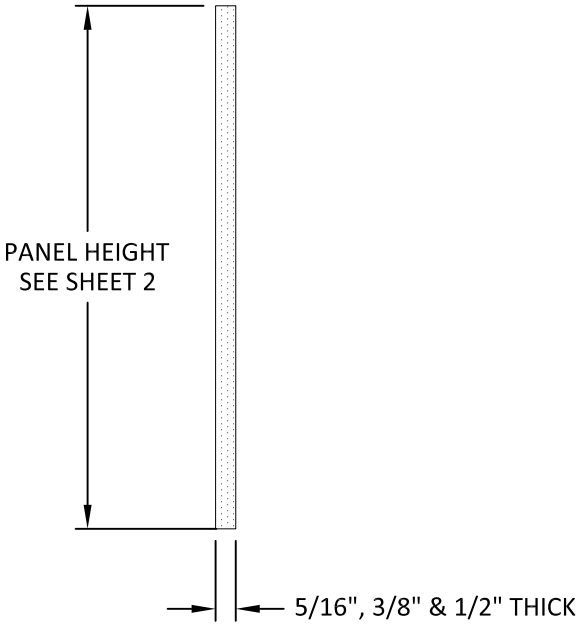
A.b. STEEL STUDS - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 49 MILS (16 GAUGE).

A.c. ALUMINUM STUDS - 1/8" MINIMUM THICKNESS (6063-T5).

B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. GROUT-FILLED CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90.



PANEL DETAIL

ANCHOR SCHEDULE				
SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. O.C. SPACING
WOOD: MIN. S.G. = 0.55	#10 WOOD SCREW	1-1/2"	1"	24"
STEEL: MIN. 16 GA. MIN. Fy = 33 ksi	#12 GRADE 5 SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN PENETRATION BEYOND METAL	1/2"	21"
ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5				21"
CONCRETE: MIN. f'c = 3000 psi	3/16" ITW TAPCON	1-3/4"	1"	24"
MASONRY: GROUT-FILLED CMU per ASTM C90 MIN. 2000 PSI	3/16" DEWALT ULTRACON+	1-3/4"	1"	24"
MASONRY: HOLLOW CMU per ASTM C90 MIN. 2000 PSI	3/16" DEWALT ULTRACON+	1-1/4"	1"	14"

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INSTALLATION NOTES, PANEL DETAIL &
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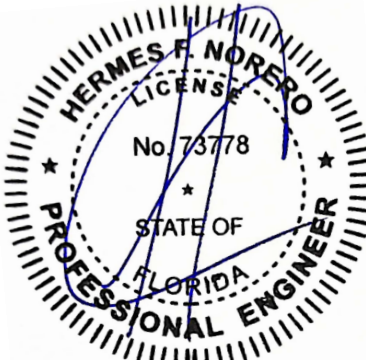
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BUILDING DROPS

REMARKS	BY	DATE

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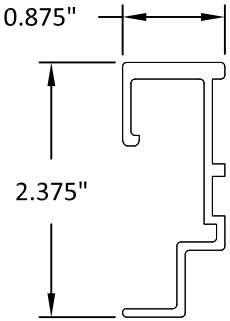
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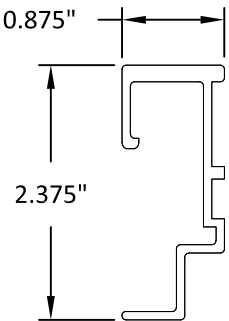
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BILL OF MATERIALS			
ITEM	PART NO.	DESCRIPTION	MATERIAL
1	CFCS	STANDARD CLIP	6063-T5
2	CFCAC	ADJUSTABLE CLIP	6063-T5
3	CFRM	CONTINUOUS RAIL	6063-T5
4	XZB	VERTICAL ATTACHMENT FURRING	6063-T5
5	CFB001	RAIL COVER	PVC
6	XEB	VERTICAL TERMINATION FURRING	6063-T5
7	XHB	VERTICAL JOINING FURRING	6063-T5
8	XB01	HORIZONTAL TOP CLOSURE FLASHING	6063-T5
9	XB02	HORIZONTAL JOINT DRIP FLASHING	6063-T5
10	XB03	HORIZONTAL BOTTOM CLOSURE FLASHING	6063-T5

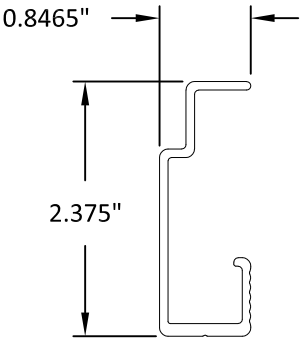
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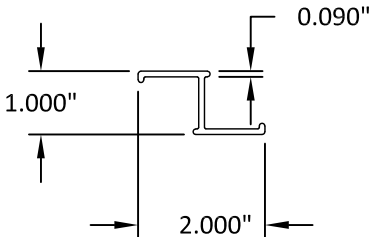
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6063-T5



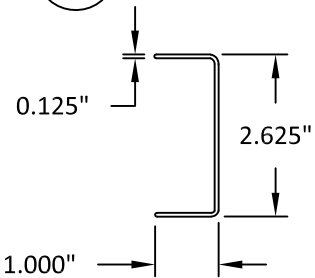
3 CONTINUOUS RAIL
6063-T5



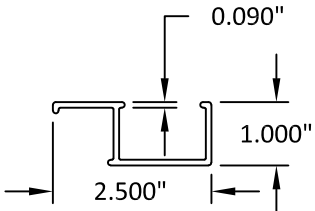
4 VERTICAL ATTACHMENT FURRING
6063-T5



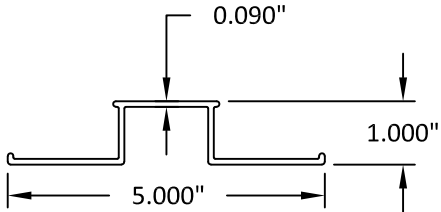
5 RAIL COVER
PVC



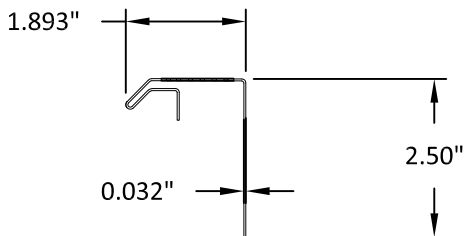
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6063-T5



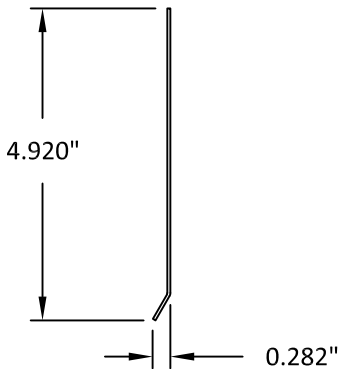
7 VERTICAL JOINING FURRING
6063-T5



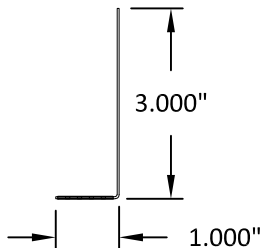
8 HORIZONTAL TOP CLOSURE FLASHING
6063-T5



9 HORIZONTAL JOINT DRIP FLASHING
6063-T5



10 HORIZONTAL BOTTOM CLOSURE FLASHING
6063-T5



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