

GREEN WALL PANEL SYSTEM, LLC
SERIES GREEN WALL SIP-LARGE MISSILE IMPACT

STANDARDS FOR DESIGN AND CODES

- 2023 FLORIDA BUILDING CODE (FBC) 8TH EDITION.
LARGE MISSILE IMPACT, TAS 201.
STATIC AIR PRESSURE TEST, TAS 202.
CYCLIC WIND PRESSURE TEST, TAS 203.
NOT APPROVED FOR AIR AND WATER RESISTANCE.

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WALLS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE WALLS ARE NOT TESTED FOR AIR AND WATER INFILTRATION.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS.
ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- SCREW INTO METAL STRUCTURE AT LEAST (3) THREADS MIN. PENETRATION BEYOND METAL STRUCTURE.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/ METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023 SECTION AS APPLICABLE.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.

LIMITATIONS OF USE

- A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- B- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HEREIN DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.
- E- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

FLORIDA APPROVAL:

FL47499

YIP WING CHAN
FLORIDA REGISTRATION
EL #55983
C.A.N. #5588077

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

April 25th, 2025

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

GLAZING CONSULTANTS

12781 MIRAMAR PKWY.STE.301
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mcy@mcycengineering.com

SERIES GREEN WALL SIP-LARGE MISSILE IMPACT

GREEN WALL PANEL SYSTEM, LLC
2010 OLD DIXIE HWY. SE DAVE

VERO BEACH, FL 32962

EMAIL: rodhop@yahoo.com TEL: 772-216-0397

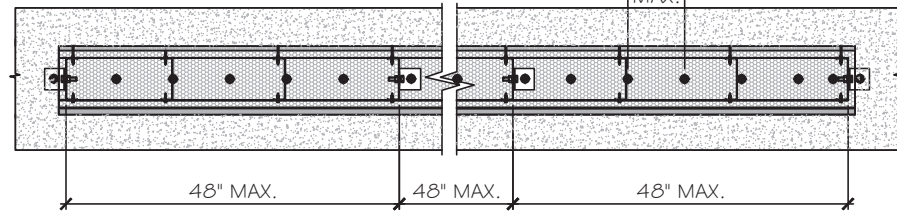
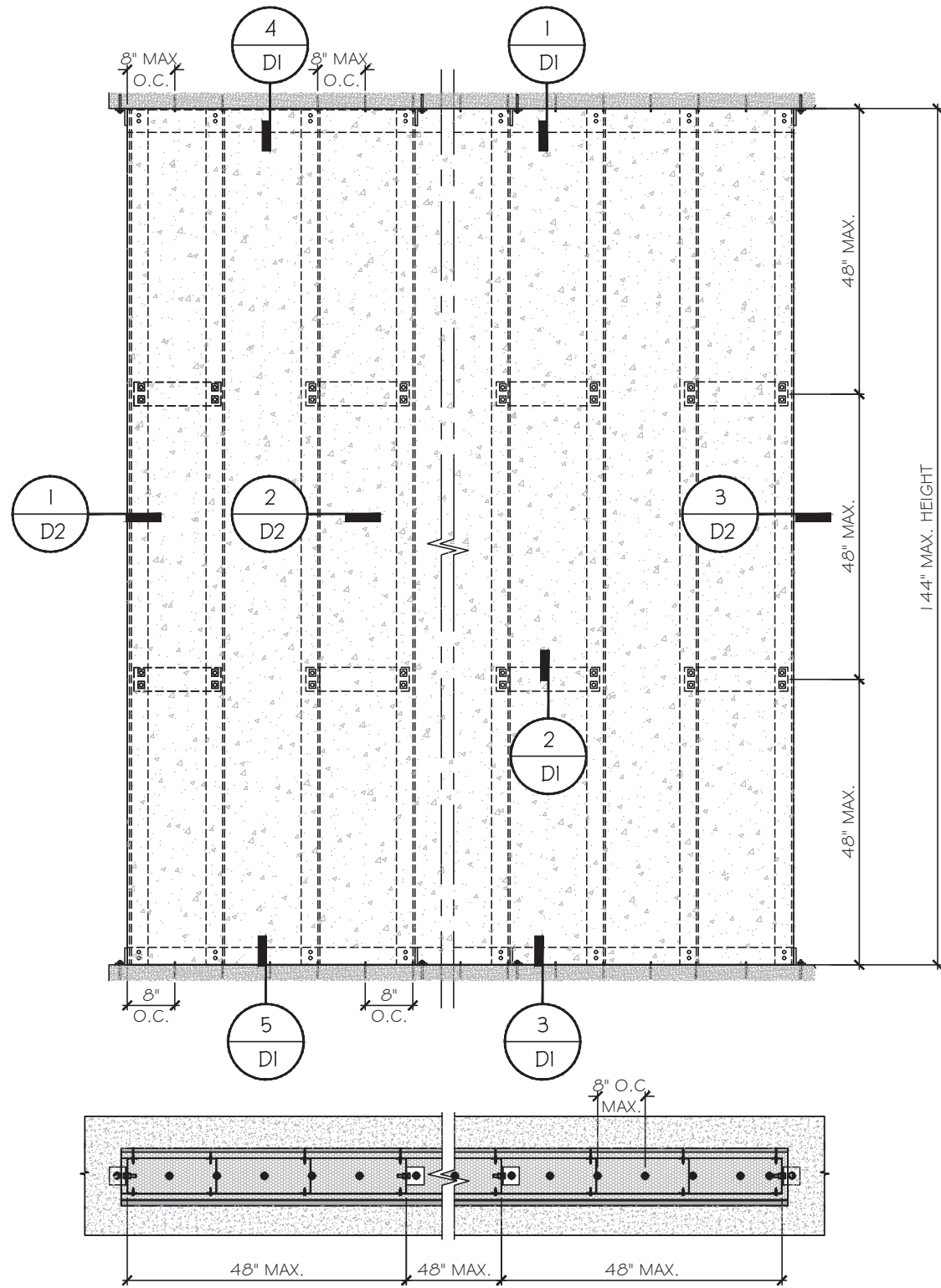
1.	03.04.2025	JAMES	NEW APPLICATION

Run Date	Scale
4.2025	AS SHOWN

DRAWING NO.
AD25-31

COVER

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OF 6



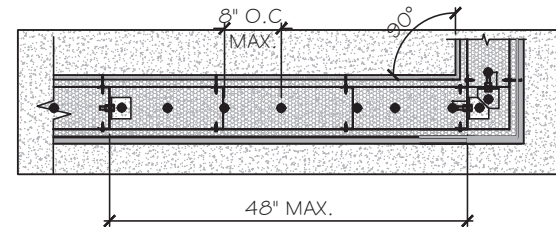
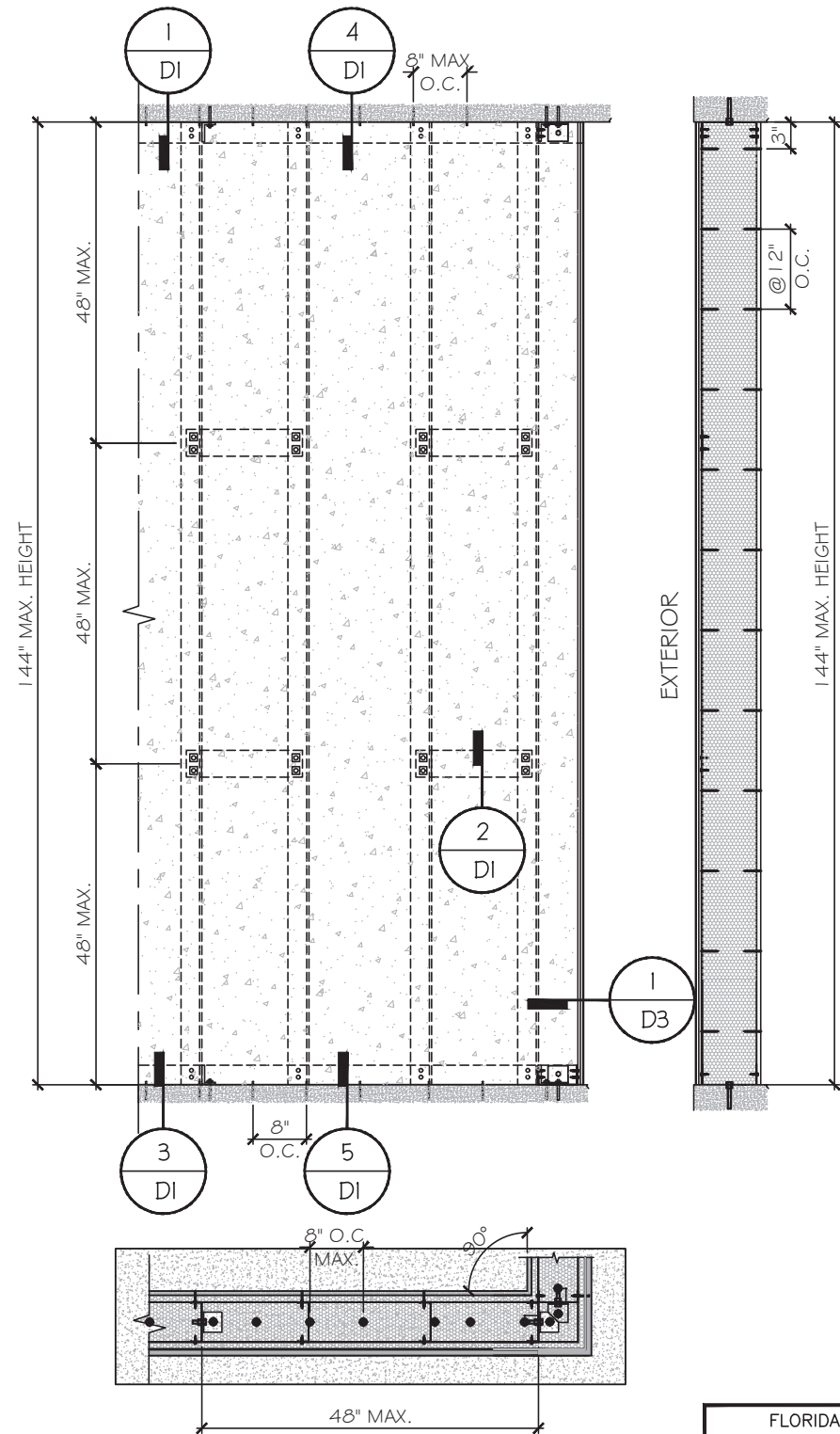
EXTERIOR

EXTERIOR

144" MAX. HEIGHT

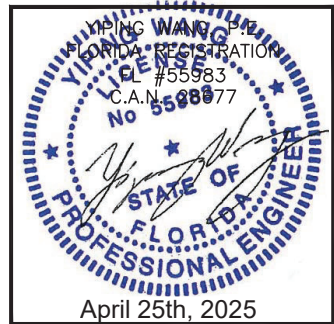
TYPICAL EXTERIOR ELEVATIONS

MAX. DESIGN PRESSURE (ASD)
+/- 95 (PSF)
FOR SIZE SHOWN ABOVE OR
SMALLER AS PERMITTED BY FBC



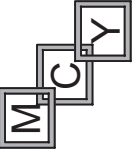
EXTERIOR

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Rev. No.	Date	Drawn By	Description
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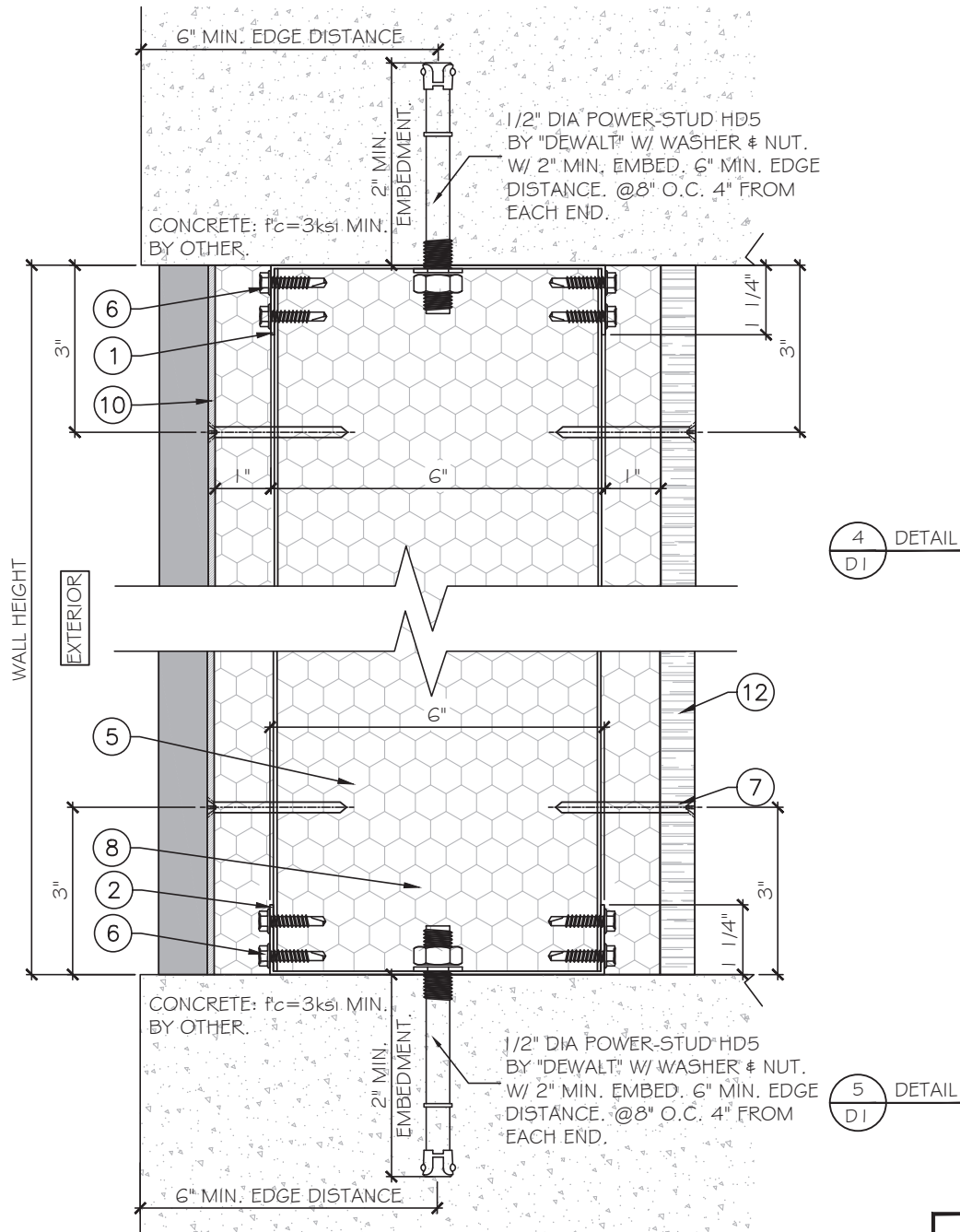
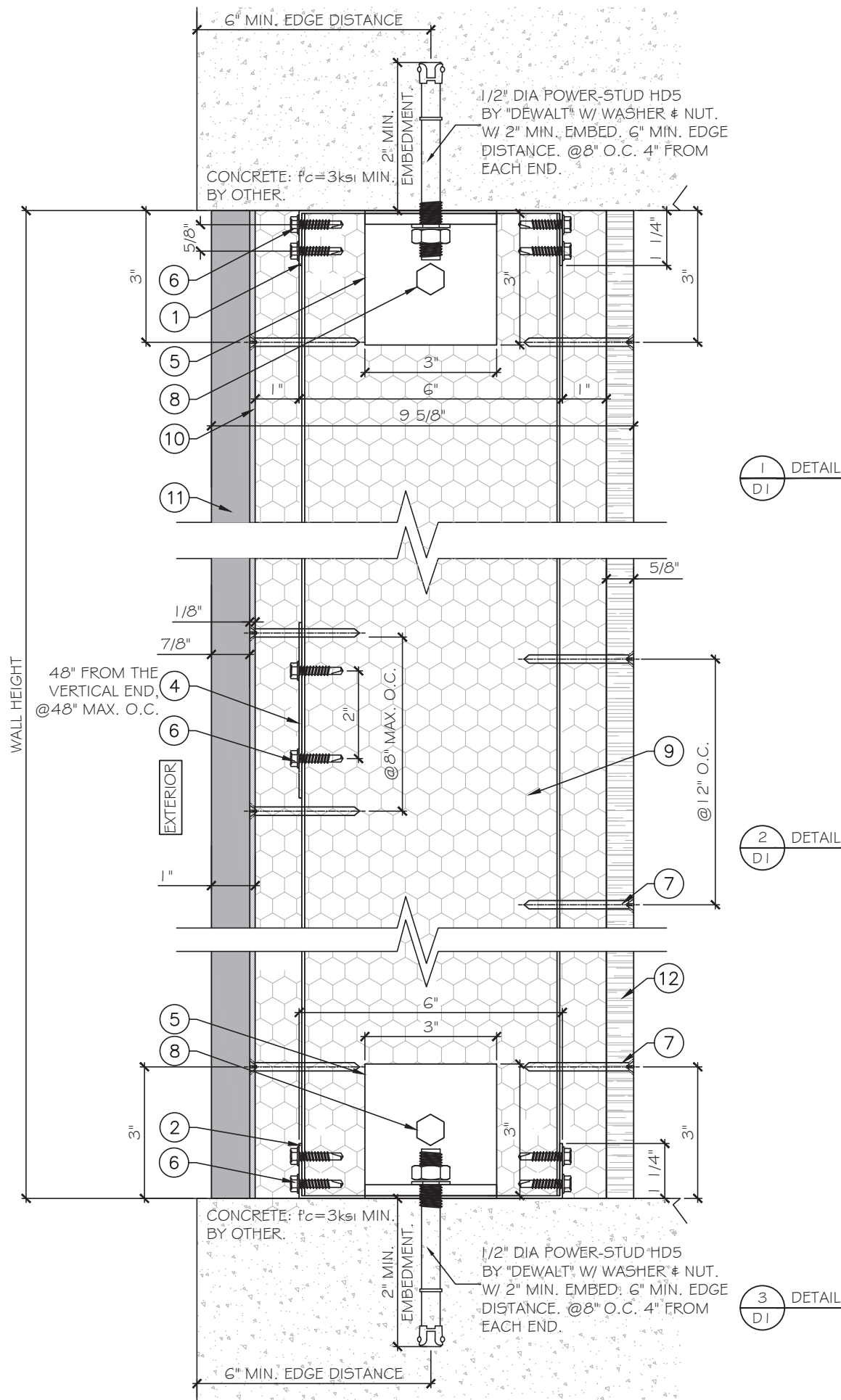
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ELEVATION

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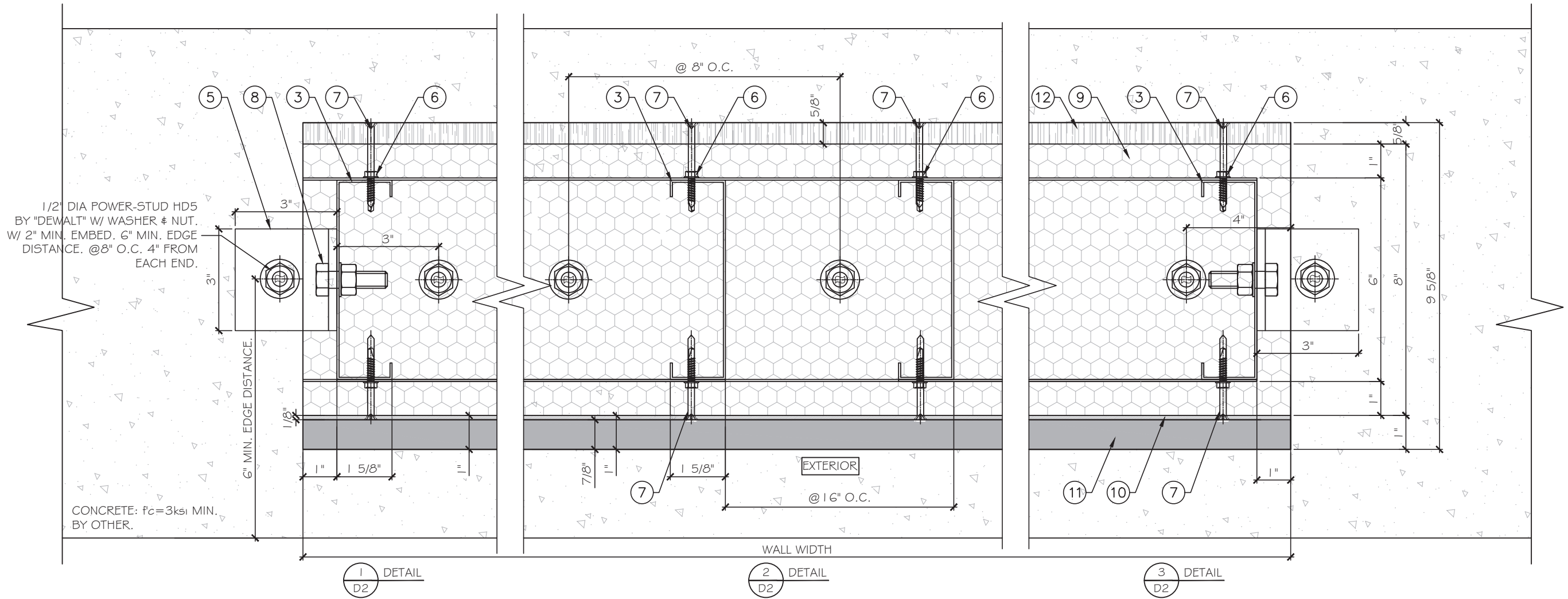
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STATE OF FLORIDA
PROFESSIONAL ENGINEER

April 25th, 2025

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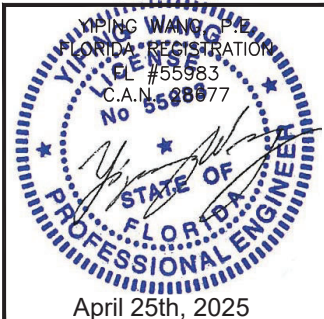
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EMAIL: rothop@yahoo.com TEL: 772-216-0397

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BILL OF MATERIALS			
ITEM	DESCRIPTION	MATERIAL	REMARKS
1	20 GAUGE TOP TRACK (1.25" FLANGE HEIGHT X 6" WEB DEPTH), COATING: G60/G90.	STEEL	Fy=33ksi, Fu=58ksi.
2	20 GAUGE BOTTOM TRACK (1.25" FLANGE HEIGHT X 6" WEB DEPTH), COATING: G60/G90.	STEEL	Fy=33ksi, Fu=58ksi.
3	20 GAUGE STUD (1.625" FLANGE HEIGHT X 6" WEB DEPTH), COATING: G60/G90.	STEEL	Fy=33ksi, Fu=58ksi.
4	4"(H) X 17 1/2"(W) METAL BLOCKING, 20 GAUGE.	STEEL	Fy=33ksi, Fu=58ksi.
5	3"X3" L METAL BRACKET, 18 GAUGE	STEEL	-
6	#10X1" HWH SDS.	CASE HARDENED STEEL	ZINC COATED
7	#8X2 1/2" FH, SELF DRILLING SHEET METAL SCREWS.	CARBON STEEL	-
8	1/2" DIA. BOLT X 1 1/2" LG WITH NUT AND WASHER.	CARBON STEEL	-
9	EPS	EPS	INDUSTRY ALLIANCE
10	PLASTIC ULTRA LATH PLUS	PLASTIC	HD POLYETHYLENE
11	STUCCO	-	CEMENT (1" THICK)
12	5/8" GYPSUM BOARD	-	-
13	1/2" DIA POWER-STUD HD5 BY "DEWALT"	MEDIUM CARBON STEEL	-
	WASHER	CARBON STEEL	-
	HEX NUT.	CARBON STEEL	-

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April 25th, 2025