

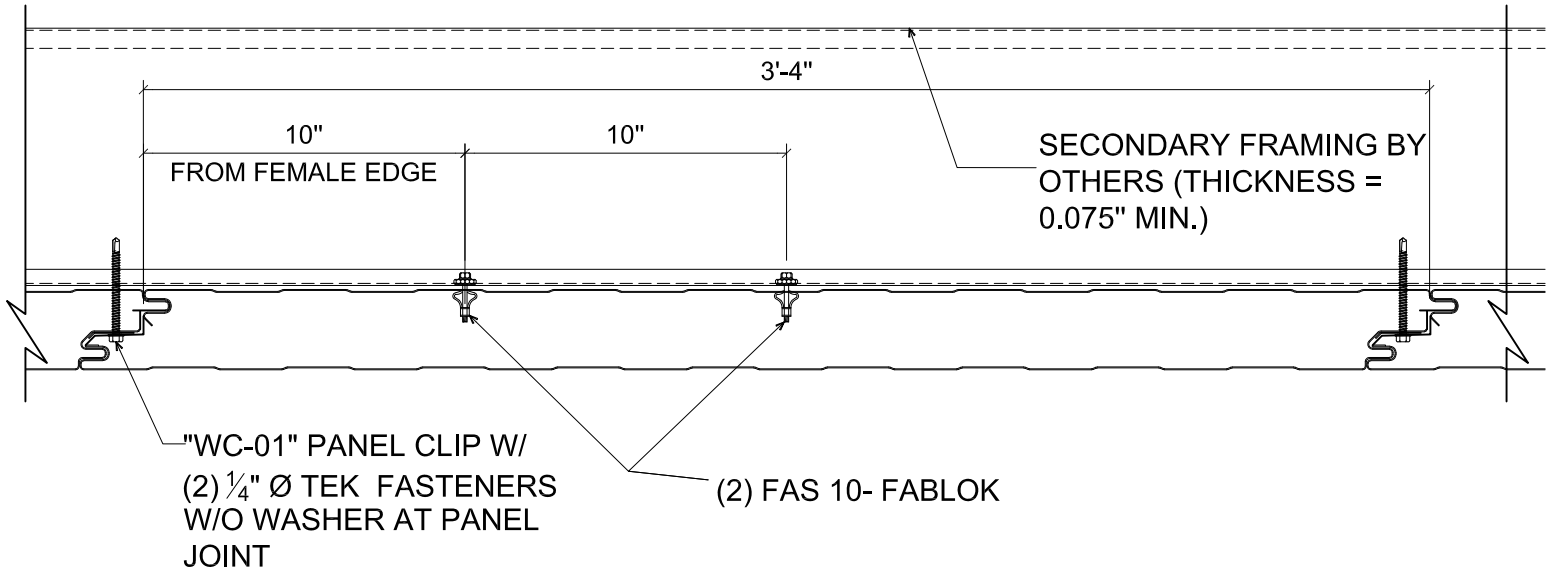
GENERAL NOTES:

- 1. THE WALL PANEL SYSTEM HAS BEEN DESIGNED IN ACCORDANCE TO THE REQUIREMENTS SET FORTH IN THE 2023 FLORIDA BUILDING CODE.
- 2. THE WALL PANEL SYSTEM HAS BEEN TESTED AS AN IMPACT SYSTEM IN ACCORDANCE TO TAS 201, TAS 202, TAS 203 AND MEETS THE HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS PER THE FBC.
- 3. ALL WALL PANELS ARE FACTORY ASSEMBLED SANDWICH PANELS WITH STEEL FACINGS AND A FOAM CORE (MINIMUM FOAMED-IN-PLACE NON-CFC DENSITY 2.2 - 2.5 LB/CU FT). THE PANELS UTILIZE A DOUBLE TONGUE AND GROOVE INTERLOCKING JOINT AND ARE ANCHORED TO SUPPORTS WITH CLIPS AND SCREWS.
- 4. THE WALL PANELS ARE 40" WIDE COMPRISED OF 26 GAUGE (UNCOATED MIN 0.018") EXTERIOR, Fy = 45.6 KSI AND 26 GAUGE (UNCOATED MIN 0.018") INTERIOR, Fy = 39.9 KSI G-90 OR AZ-50 CLAD STEEL SKINS WITH A PAINTED EMBOSSED OR SMOOTH FINISH.

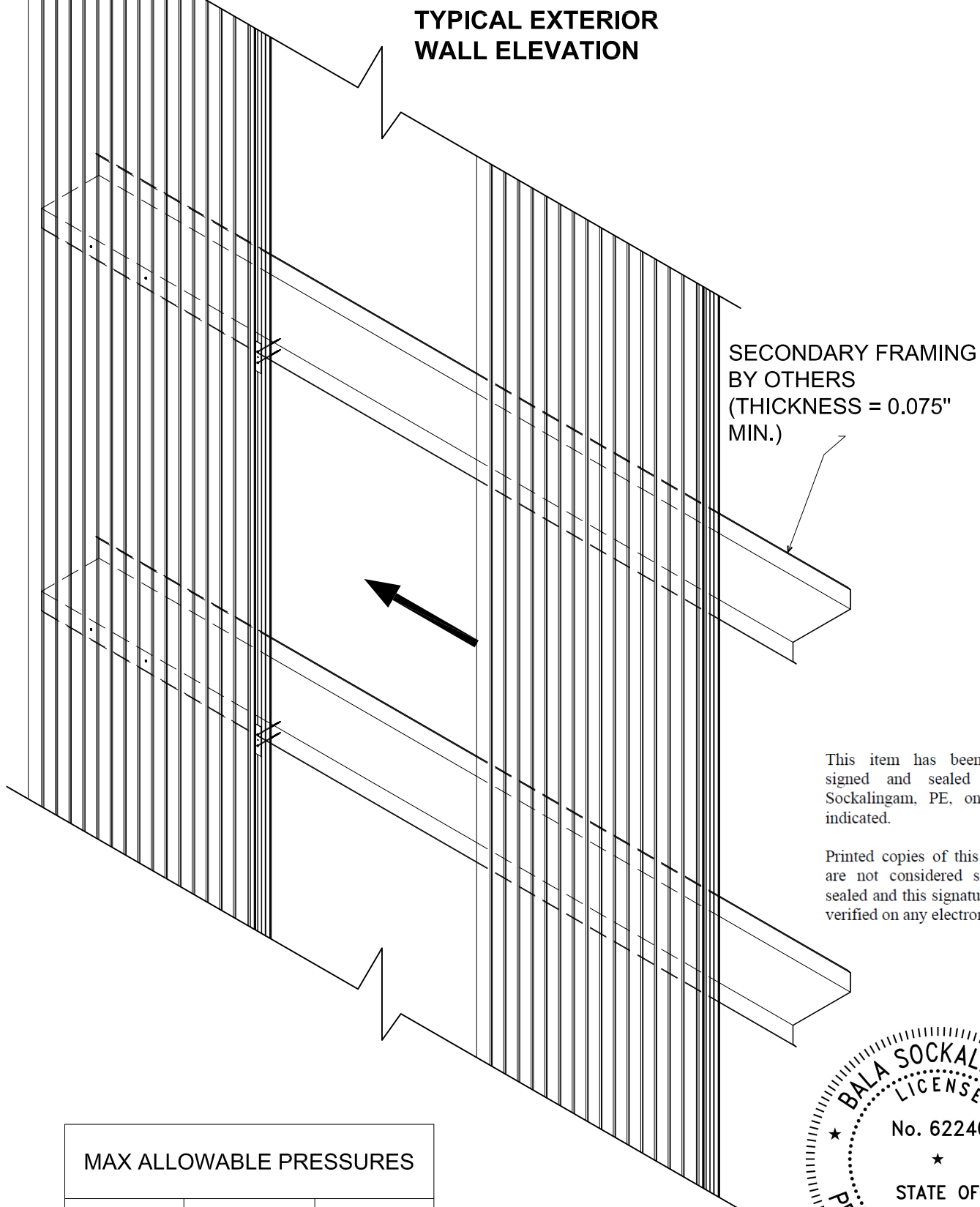
DESIGN CRITERIA:

- 1. PANELS SHALL BE FASTENED WITH ONE 16-GA WC-01 STEEL CLIP USING (2) 1/4-14 HWH SELF DRILLERS AT EACH PANEL JOINT AT EVERY SUPPORT. PANELS SHALL ALSO BE FASTENED WITH (2) 10-4(8) FABLOKS AT THE INTERIOR FACE OF EACH PANEL AT EACH INTERMEDIATE SUPPORT.
- 2. THE PANEL SHALL BE INSTALLED OVER MINIMUM 2 SUPPORT SPANS ONTO MINIMUM 14 GAUGE (MIN. 0.075") STEEL.
- 3. ALLOWABLE DESIGN PRESSURE IS +/- 65 PSF
- 4. THE PANEL SYSTEM SHALL NOT BE USED FOR TRANSFER OF DIAPHRAGM ACTION TO THE SUPPORTING STRUCTURE.

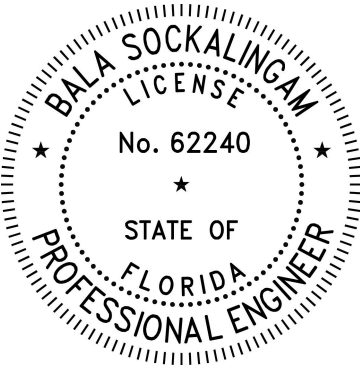
PRODUCT APPROVAL IS LIMITED TO THE INSULATED WALL PANEL AND ITS CONNECTING CLIPS. THE STRUCTURAL CAPACITY OF OTHER SUPPORTS (E.G. BEAMS, COLUMNS, PURLINS, GIRTS, ETC) SHALL BE VERIFIED BY A LICENSED ENGINEERING PROFESSIONAL OR PLANS EXAMINER.



AWIP WALL PANEL SYSTEM



MAX ALLOWABLE PRESSURES		
5'-0" MAX SPAN	+DESIGN PRESSURE	+65 PSF
	-DESIGN PRESSURE	-65 PSF



2025.06.11
13:58:17 -05'00'

DATE: 12/09/13

DRAWN BY: BCN

SCALE: NTS

PROJECT: DM40, HE40, HE40A, FL40, ST40

WALL PANELS

DRAWING NO.: MD-001

929 ALDRIDGE ROAD
VACAVILLE, CA 95688
PHONE: (707) 359-2280
FAX: (707) 359-2286
WWW.AWIPANELS.COM

All Weather
Insulated Panels

AWIP

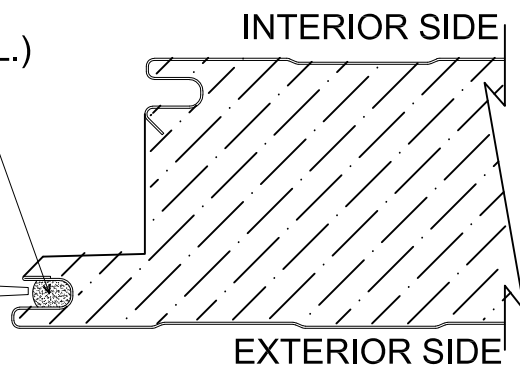
MANUFACTURER:

CONSULTANT: BALA SOCKALINGAM, PH.D., P.E.
1216 N LANSING AVE, SUITE C
TULSA, OK 74106
PHONE: 918 492 5992

FLORIDA ENGINEERING SEAL:

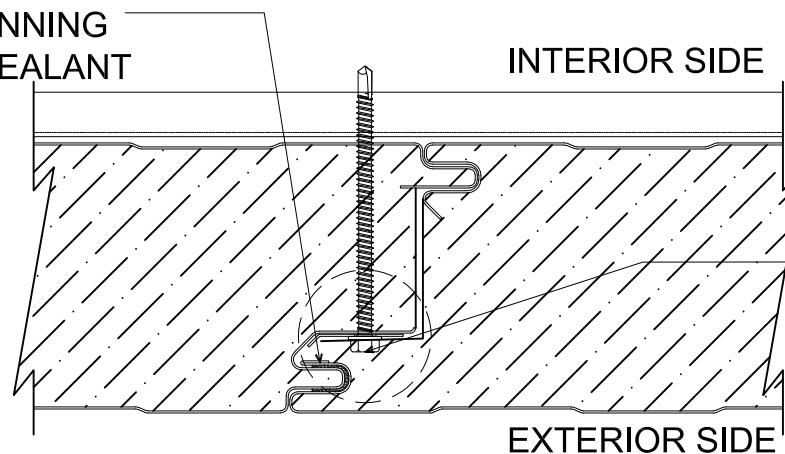
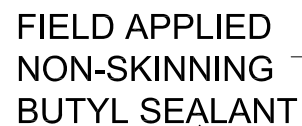
5	4	3	2	1	DATE

NON-SKINNING BUTYL SEALANT



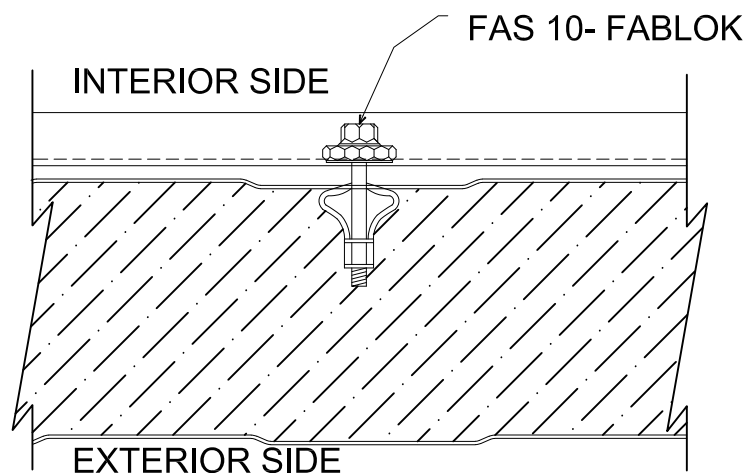
A technical drawing showing a screw being tightened into a plate. The screw is shown in a cross-sectional view, with its threads engaging the plate. The plate has a flange with a central hole. The drawing is enclosed in a circular frame.

"WC-01" ORIENTATION

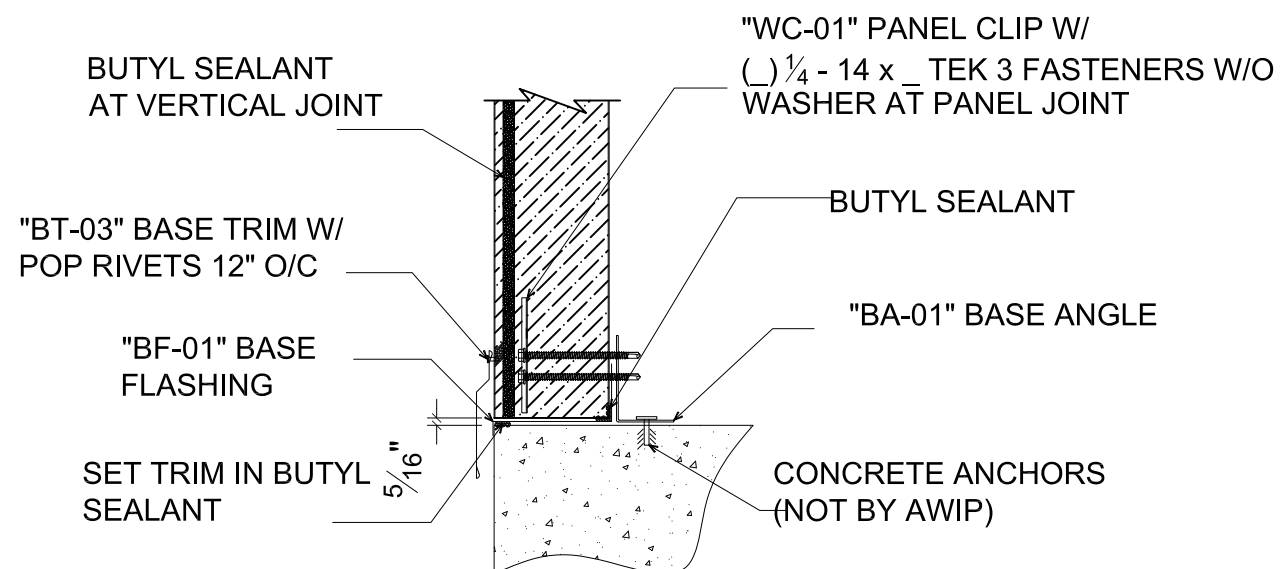


PANEL JOINT (PLAN VIEW)

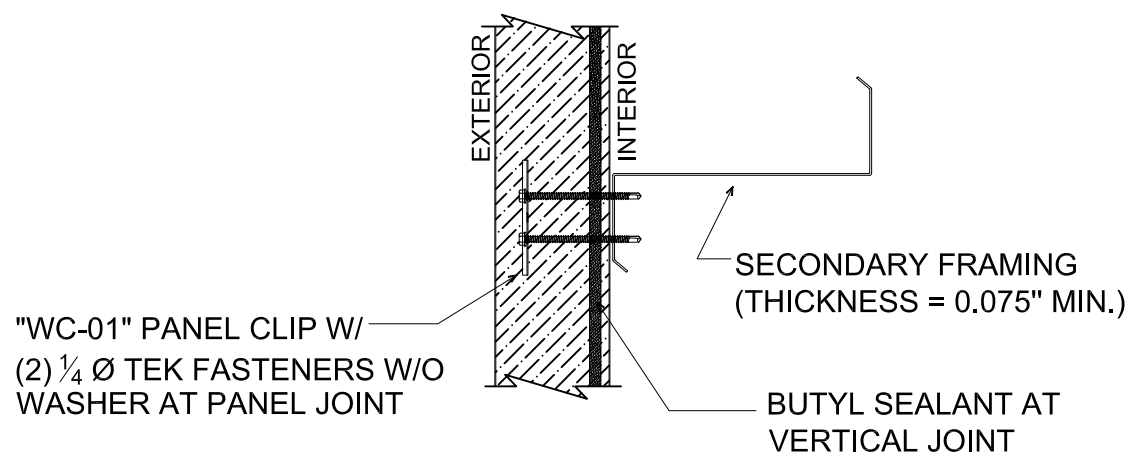
"WC-01" PANEL CLIP W/
- (2) ¼ Ø TEK FASTENERS W/O
WASHER AT PANEL JOINT



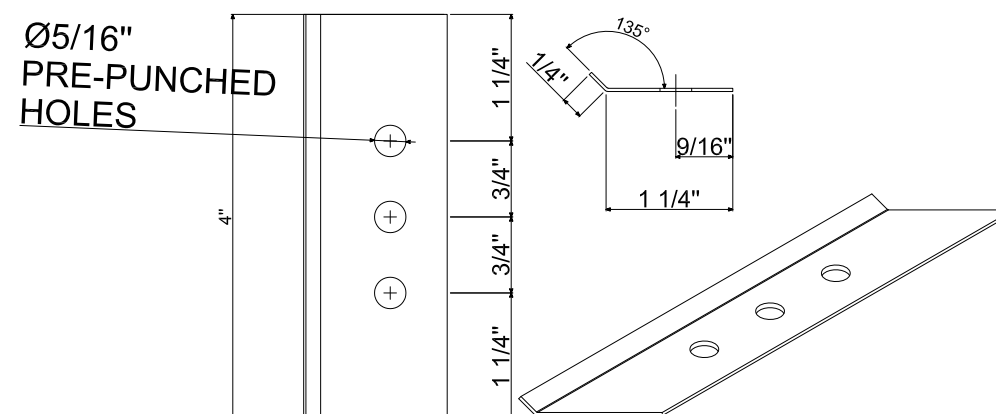
PANEL FABLOK DETAIL



FLUSH / FINISH FLOOR BASE (SECTION VIEW)



INTERMEDIATE WALL SUPPORT (SECTION VIEW)



WC-01 WALL CLIP
16 GA. GALVANIZED STEEL

