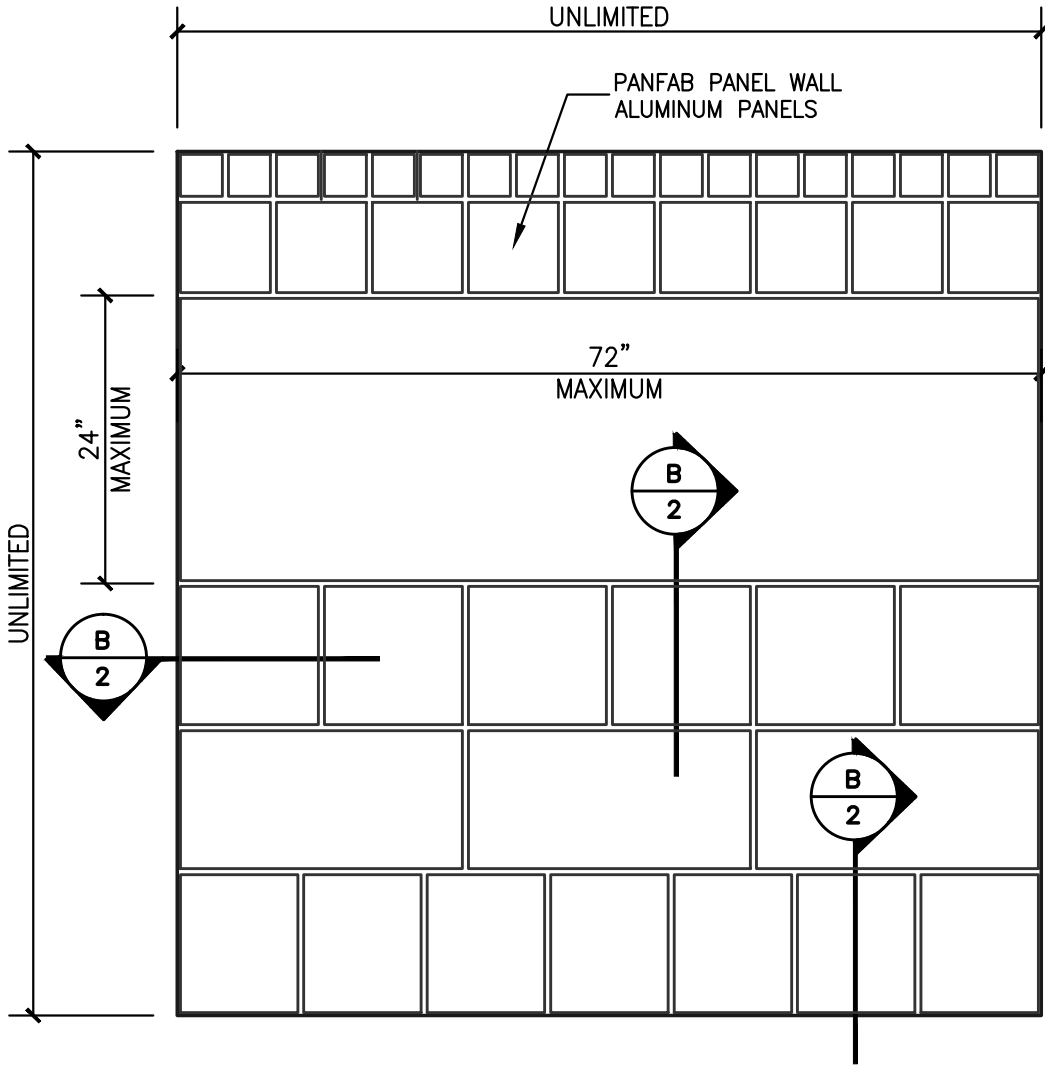


PANFAB ALUMINUM
PANEL WALL SYSTEM



TYPICAL PANEL ELEVATION

SCALE: NTS

TYPICAL PANEL CONFIGURATION
ALUMINUM PANELS ARE ADHERED TO A PVC BACKER SHEET INSTALLED ON A STRUCTURAL SUBSTRATE

ASD DESIGN PRESSURE RATING:

P= +130 psf / -130 psf

- WATER RESISTANT ASSEMBLY WHEN FULLY SEALED
- NON-IMPACT RATED
(SUBSTRATE MUST PROTECT BUILDING ENVELOPE. THIS SYSTEM IS A DECORATIVE PANEL WALL SYSTEM ONLY)

NOTE:
INDIVIDUAL PANEL SIZES MAY VARY UP TO A MAX. OF 24" X 72"

PANEL CONFIGURATIONS ARE UNLIMITED.

PAINT FINISHES ARE UNLIMITED. REFER TO PANFAB LITERATURE FOR AVAILABLE COLORS, FINISHES AND GRAPHICS AT WWW.PANFAB.COM

SYSTEM NOTES:
THIS IS A DECORATIVE ALUMINUM WALL PANEL SYSTEM INTENDED TO BE INSTALLED OVER A STRUCTURAL SUBSTRATE. THE PANELS PROVIDE A DECORATIVE FINISH WHICH IS WIND AND WATER RESISTANT WHEN ALL JOINTS ARE SEALED. AS BEST PRACTICE WE RECOMMEND A WATER RESISTANT SUBSTRATE BEHIND THE PVC BACKER.

THE DECORATIVE PANELS ARE FORMED ALUMINUM 0.032" THICK INSTALLED OVER A CELLULAR PVC BACKER. REFER TO DETAILS ON PLANS.

SYSTEM COMPLIES WITH FLORIDA BUILDING CODE 5TH EDITION (2014)

INSTRUCTIONS:

- 1) DETERMINE REQUIRED ASD WIND PRESSURE FOR BUILDING OR STRUCTURE BASED ON LOCAL CODE REQUIREMENTS.
- 2) PRESSURE RATING OF PANEL SYSTEM MUST EXCEED REQUIRED WIND PRESSURE.
- 3) ENSURE THAT A STRUCTURAL SUBSTRATE IS PRESENT WHICH MEETS LOCAL CODES.
- 4) INSTALL PVC BACKER OVER SUBSTRATE PER DETAILS. SEAL ALL PVC BACKER JOINTS AND SCREWS FOR A WATER RESISTANT ASSEMBLY.
- 5) ADHERE ALUMINUM PANELS TO PVC SUBSTRATE PER DETAILS.



PANFAB

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5440 N.W. 33rd AVENUE
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SEAL:
William D. Cook, PE
43904, SI 2008
Digitally signed by William D. Cook, PE 43904, SI 2008
Date: 2017.06.26 14:55:51 -04'00'

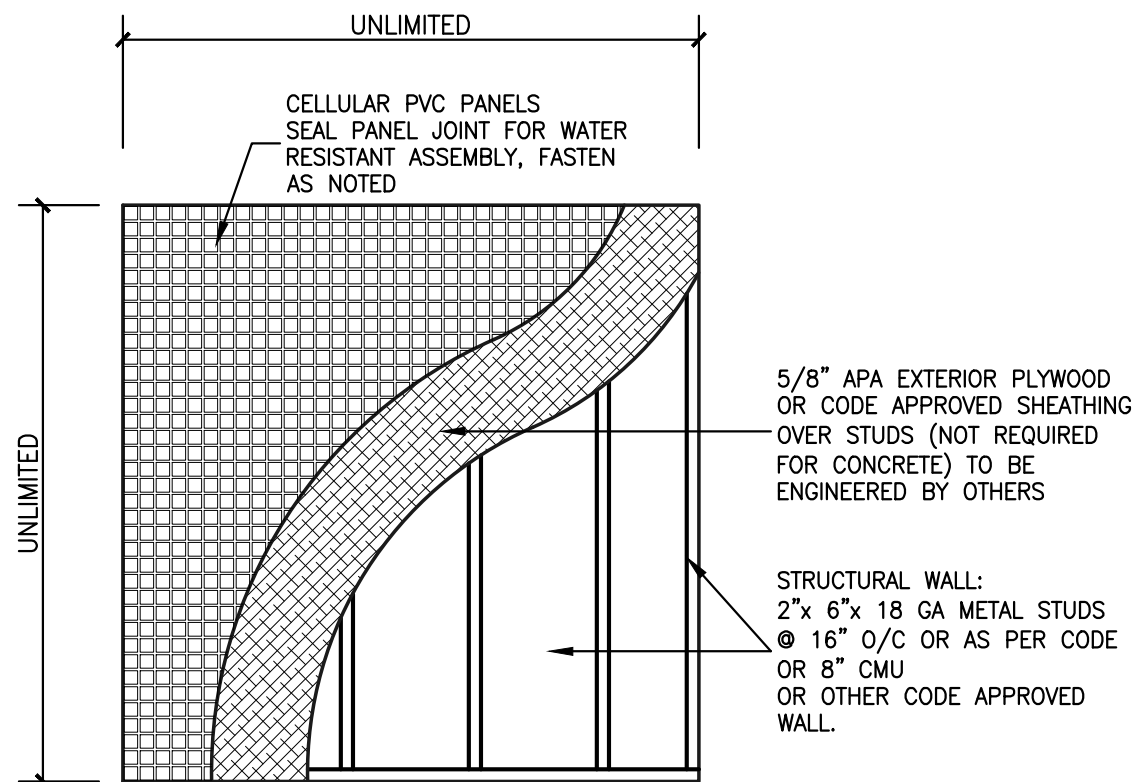
WILLIAM D. COOK P.E. S.E.C.B.
FL. P.E. #43904 S.I. #2008

PRODUCT APPROVAL NO:
FL22364.2

PROJECT:
PANEL WALL SYSTEM

REVISIONS:			
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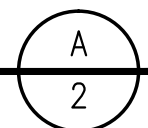
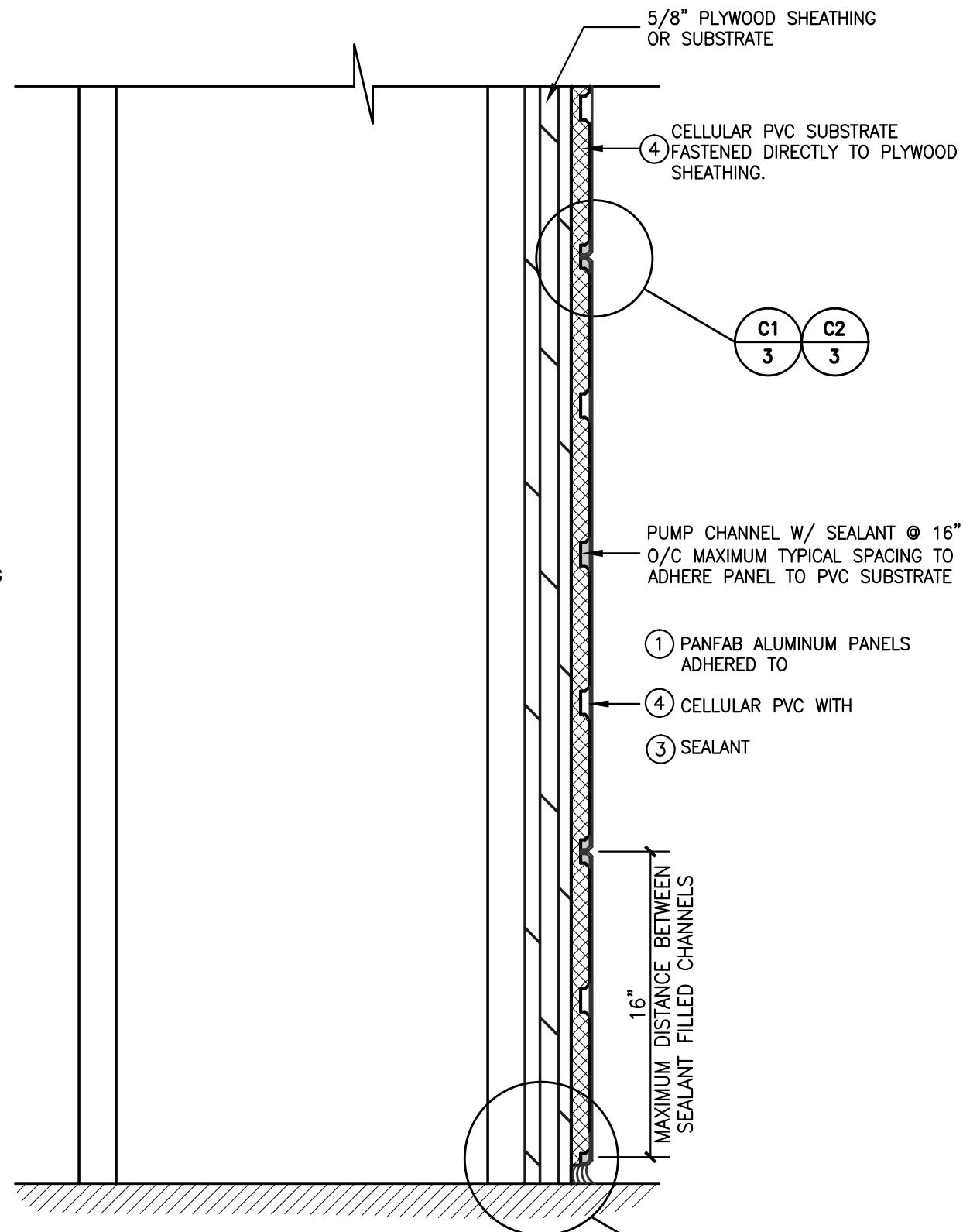
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DWG. NO. PNLWALL	SHEET NO. 1 of 3



TYP. WALL SUBSTRATE ASSEMBLY

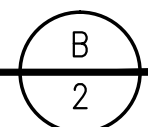
SCALE: NTS

ELEVATION VIEW



TYPICAL SECTION

SCALE: NTS



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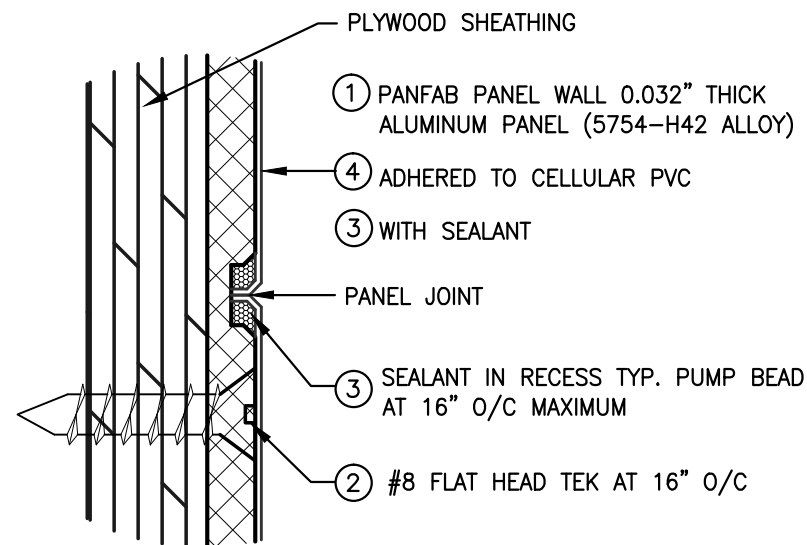
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PNLWALL

SHEET NO.

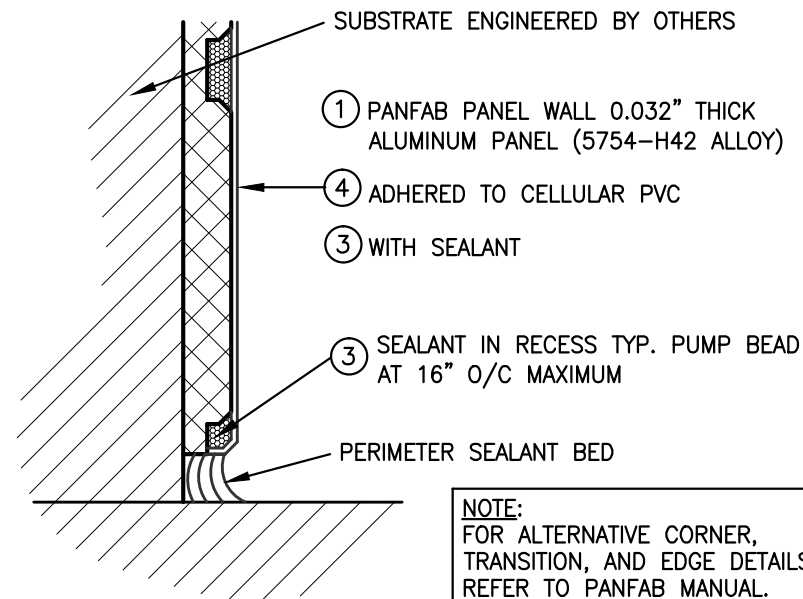
2 of 3



JOINT AT WOOD SUBSTRATE

SCALE: NTS

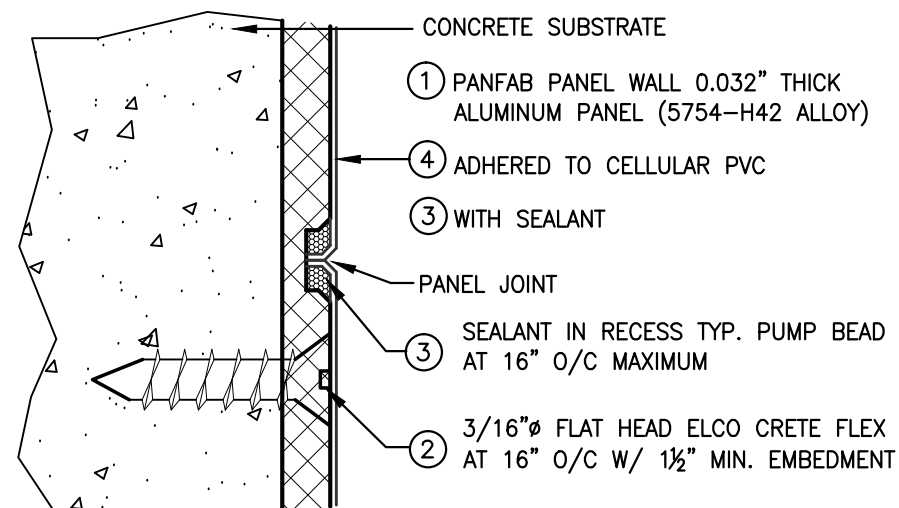
C1
3



TYPICAL PERIMETER DETAIL

SCALE: NTS

D
3



JOINT AT CONCRETE SUBSTRATE

SCALE: NTS

C2
3

LIST OF MATERIALS:

ITEM	DESCRIPTION	SUPPLIER
①	0.032" THICK ALUMINUM PANEL (5754 H 42 ALLOY)	PANFAB
②	#8 FLAT HEAD DRILL-FLEX OR BI-FLEX SCREWS OR 3/16"Ø CRETE FLEX COATED FOR EXTERIOR EXPOSURE.	ELCO
③	TREMCO DYMONIC 100 OR SPECTREM 2	TREMCO
④	CELLULAR PVC	CELTEC

MATERIALS AND TESTING:

WIND PRESSURE RATING:

- TESTING PER FLORIDA BUILDING CODE TAS 202 (AIR AND WATER) AND TAS 203 (CYCLING).

ALUMINUM PANELS:

- ALUMINUM ALLOY 5754 H42
- PAINT FINISHES ARE UNLIMITED.

CELLULAR PVC BACKER:

- CELTEC EXPANDED PVC
- FLAME SPREAD PER ASTM E84
- VERTICAL BURN TEST PER UL 94
- FOAM FIRE TEST PER UL 1975
- OIL CANNING @ 140 DEGREE PER ASTM D 648

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SHEET NO.

3 of 3