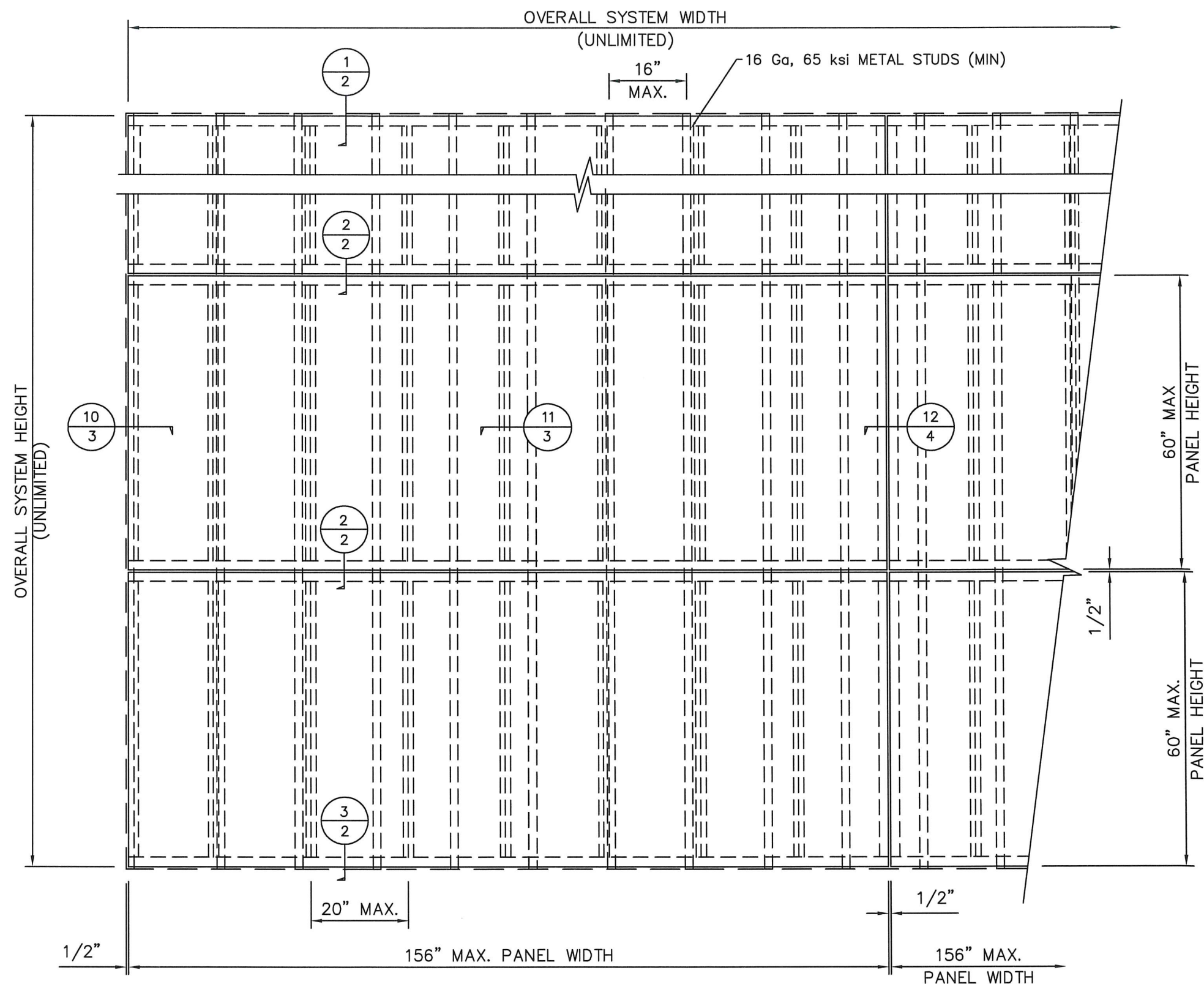


ABRAMS AAP-100 (RAINSCREEN) WALL CLADDING SYSTEM:

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET ALL OF THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING, INCLUDING THE HVHZ PROVISIONS.
2. THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202, AND 203 FOR LARGE AND SMALL MISSILE IMPACT RESISTANCE.
3. THE METAL STUD WALL IS NOT A PART OF THIS SYSTEM. THE METAL STUD SYSTEM MUST ADEQUATELY SUPPORT THE LOADS IMPOSED BY THE PANEL SYSTEM AND TRANSFER THEM SAFELY TO THE BUILDING STRUCTURE.
4. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT PRESSURE CANNOT EXCEED THE DESIGN PRESSURE LISTED ON THIS SHEET.
5. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
6. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
7. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. $C_d=1.6$ WAS USED FOR WOOD SCREWS ONLY.
8. FASTENER EMBEDMENTS LISTED ARE BEYOND WALL DRESSING OR STUCCO. FASTENERS IN STEEL STUDS MUST FULLY PENETRATE THE WALL OF THE STUD, WITH 3 ADDITIONAL THREADS BEYOND.
9. ACM PANEL IS ALUCOBOND 4mm ALUMINUM PANEL WITH FR CORE (SEE SHEET 5).
10. ALUMINUM EXTRUSIONS ARE 6063-T5 MIN.

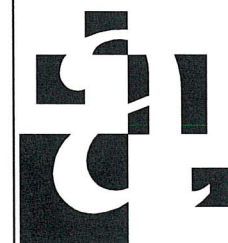


STANDARD ELEVATION (EXTERIOR VIEW)

DESIGN PRESSURE

+/- 150 Psf

AAP-100 (RAINSCREEN) WALL CLADDING SYSTEM



ABRAMS
ARCHITECTURAL PRODUCTS

7260 DELTA CIRCLE
AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG:
AAP-100LM
SHEET: 1/5

1/5

SCOTT WOLTERS
FL PE# 62354

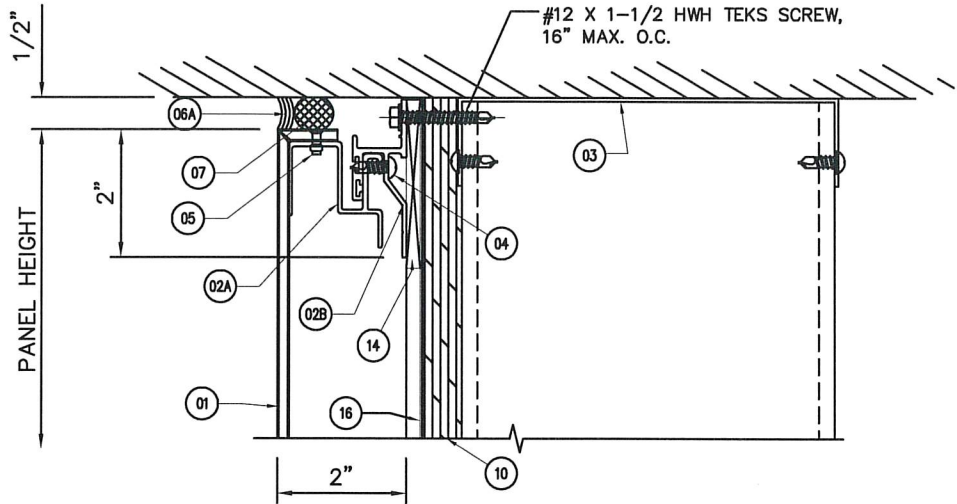
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
T PALM BEACH, FL 334
(561) 225-1982

SEAL:  No 62354

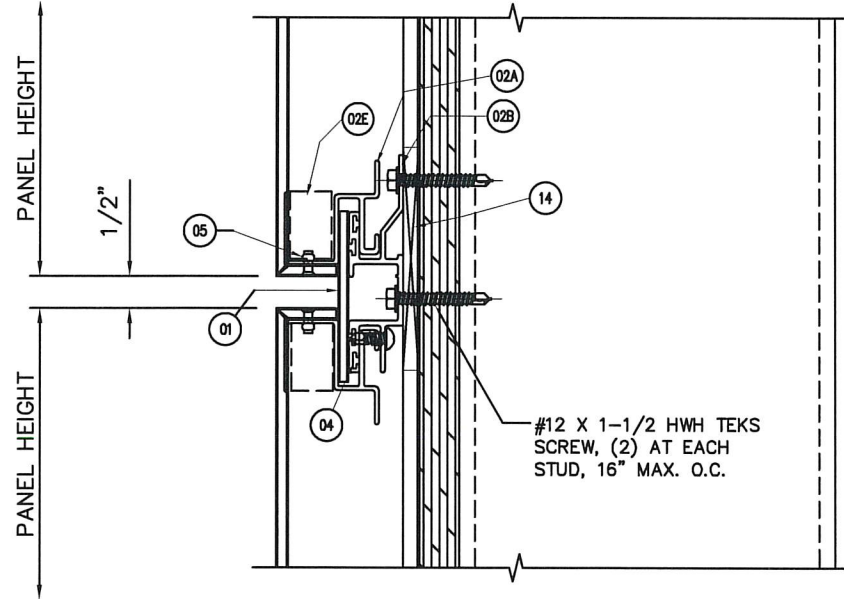
1ST SUBMITTAL	REV.#	DATE
		6/4/22

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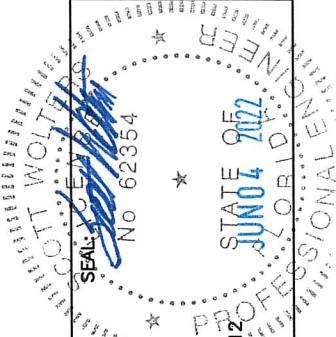
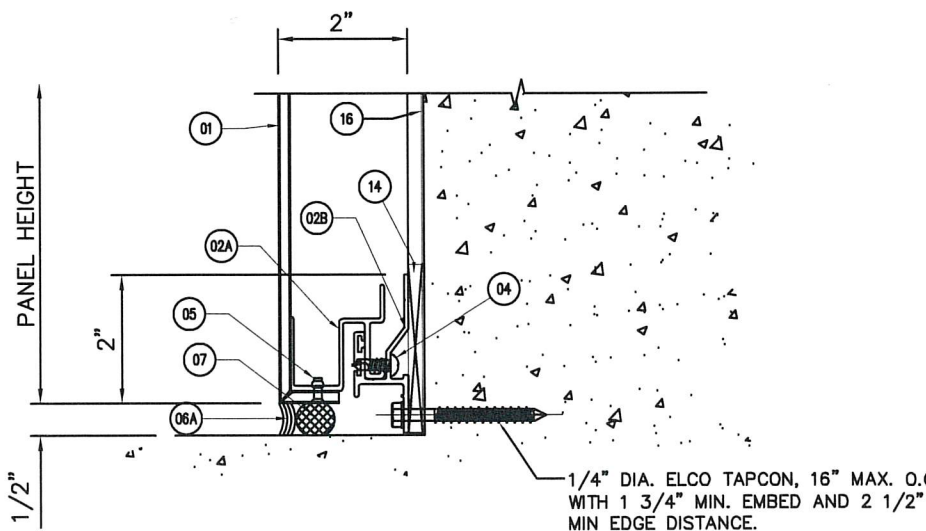
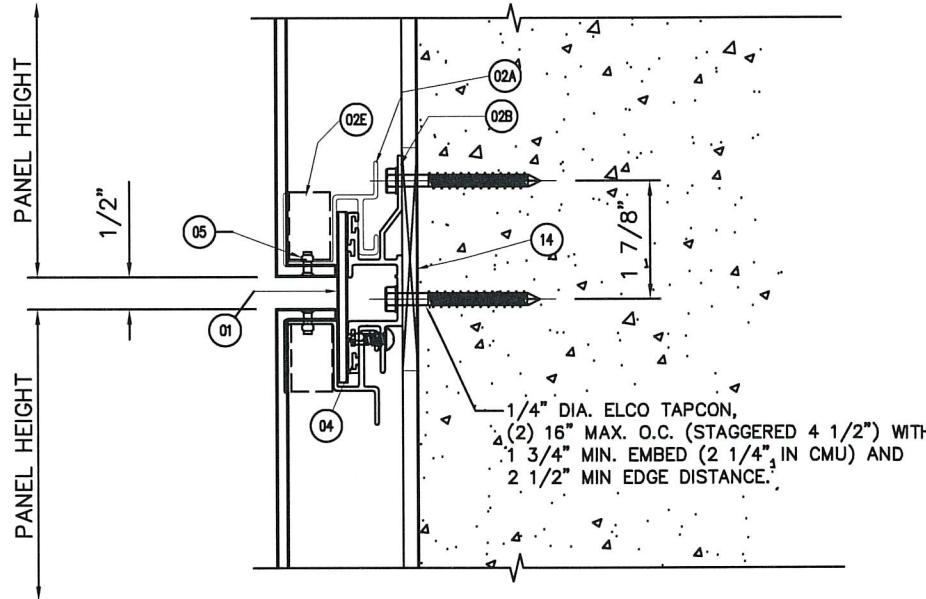
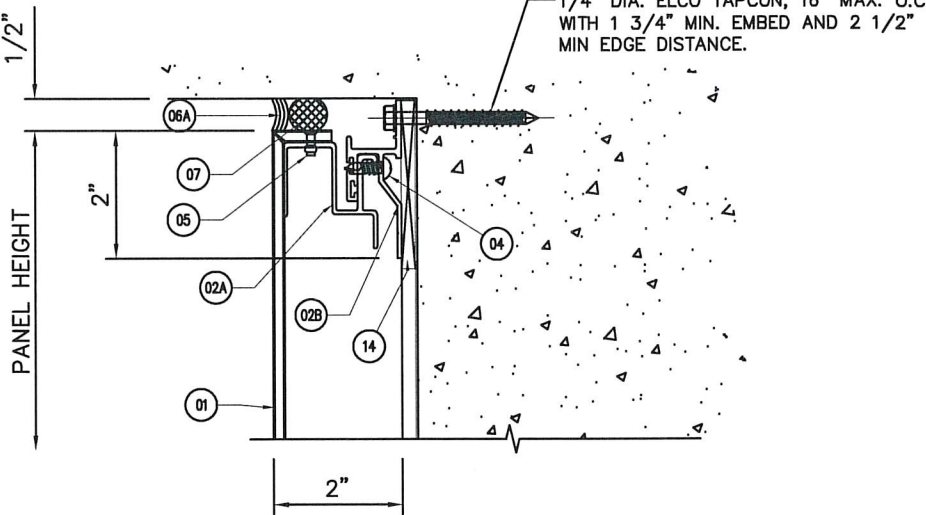
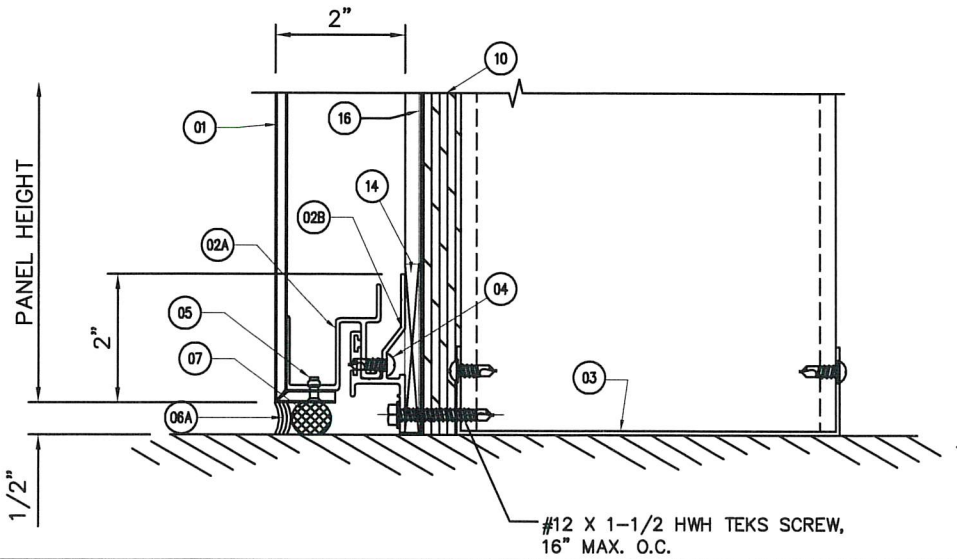
1
2



2
2



3
2

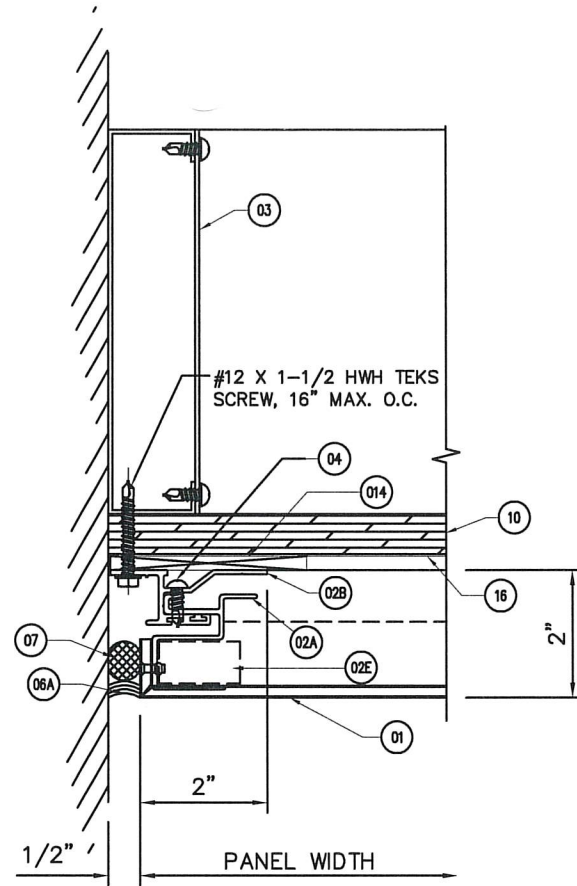


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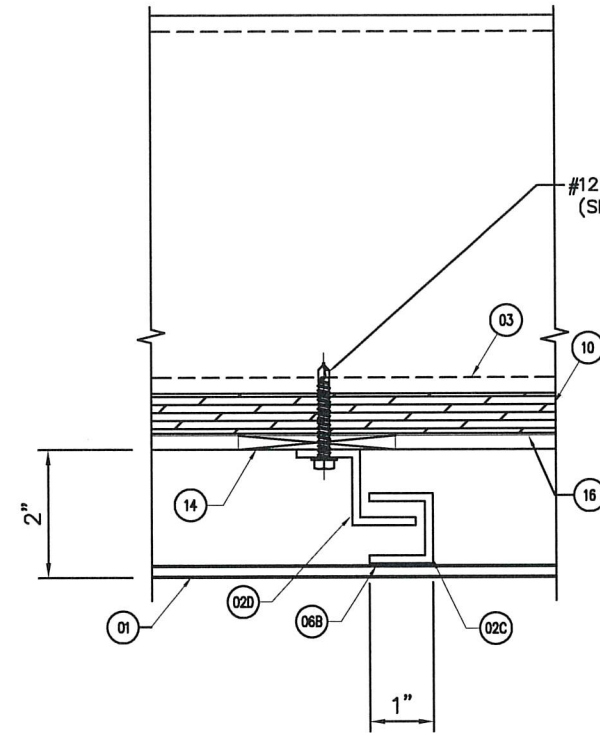
AAP-100
(RAINSCREEN)
WALL CLADDING
SYSTEM

ABRAMS
ARCHITECTURAL PRODUCTS
7260 DELTA CIRCLE
AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG: AAP-100LMI
SHEET: 2/5



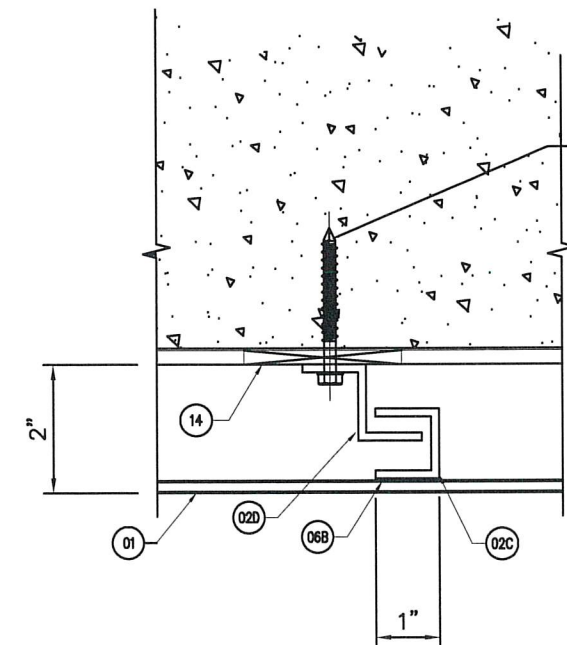
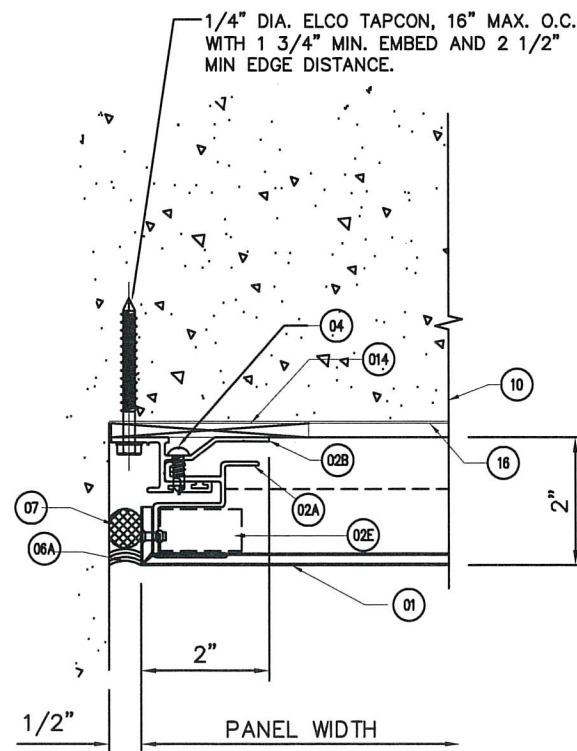
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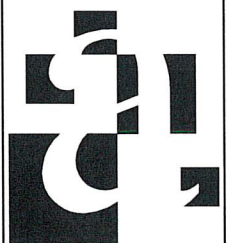
WINDLOAD (PSF)	MAX. FASTENER SPACING (in)
63	16
84	12
126	8
150	6

11
3

ALTERNATE DETAILS ON CONCRETE/CMU:



AAP-100
(RAINSCREEN)
WALL CLADDING
SYSTEM



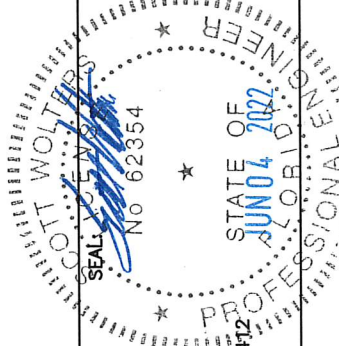
ABRAMS
ARCHITECTURAL PRODUCTS

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Phone: 770-745-8728
Fax: 770-745-8839

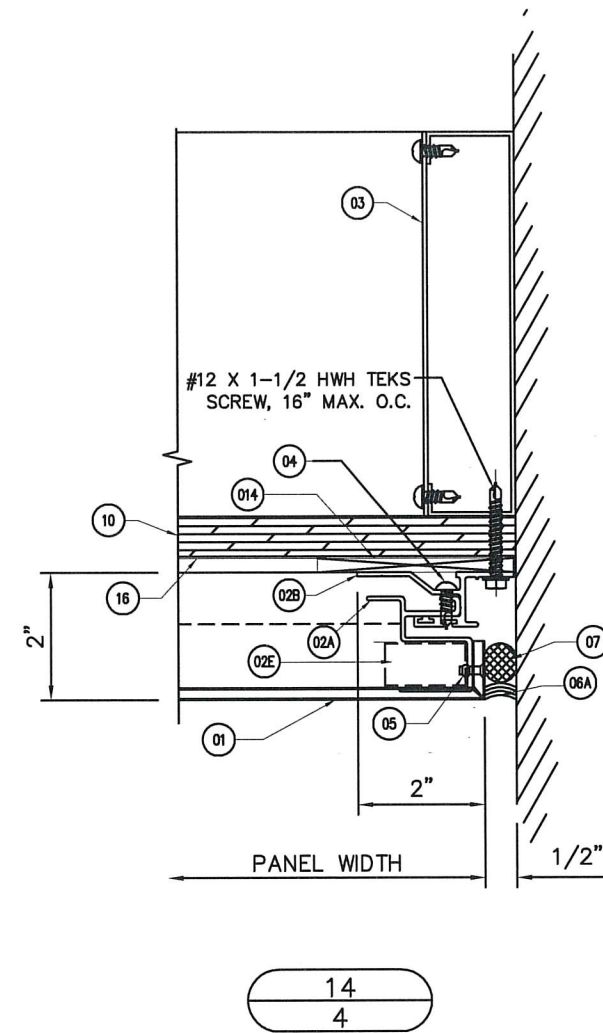
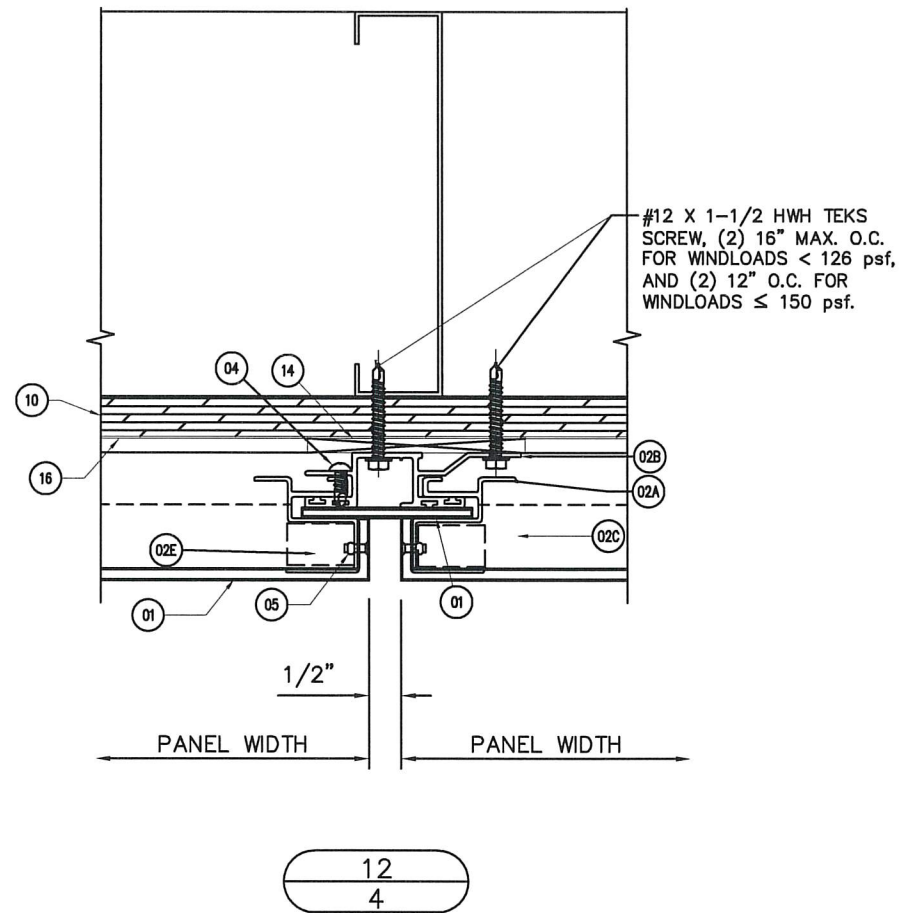
DWG: AAP-100LMI
SHEET: 3/5

SCOTT WOLTERS
FL PE# 62354

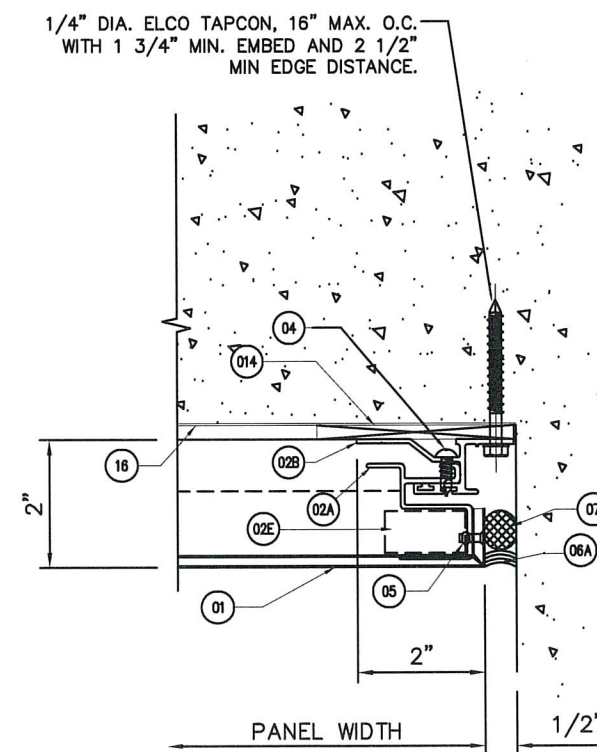
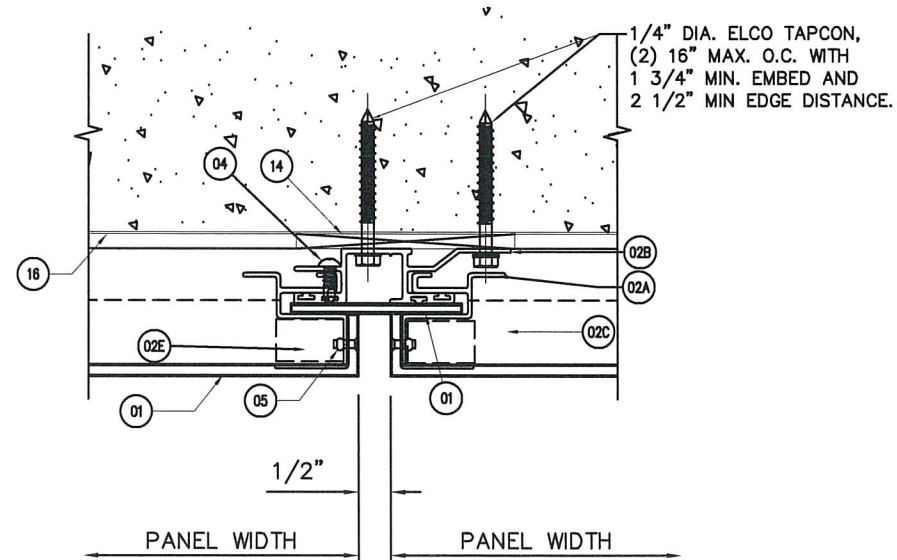
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15211 97TH ROAD N #3412
WEST PALM BEACH, FL 33412
(561) 225-1982



REV.#	DATE
1ST SUBMITTAL	6/4/22
PRINTS ISSUED FOR	



ALTERNATE DETAILS ON CONCRETE/CMU:



DATE	6/4/22
REV.#	1
PRINTS ISSUED FOR	TST SUBMITTAL

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FL PE# 62354

WOLTERS ENGINEERING
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WEST PALM BEACH, FL 33412
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AAP-100
(RAINSCREEN)
WALL CLADDING
SYSTEM

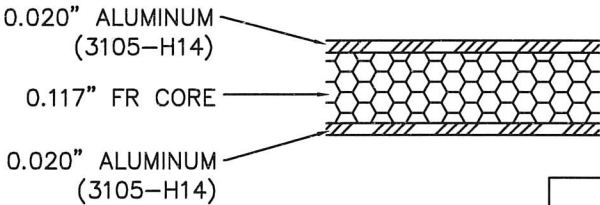
ABRAMS
ARCHITECTURAL PRODUCTS

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AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG: AAP-100LMI
SHEET: 4/5

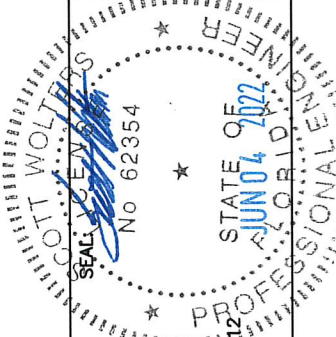
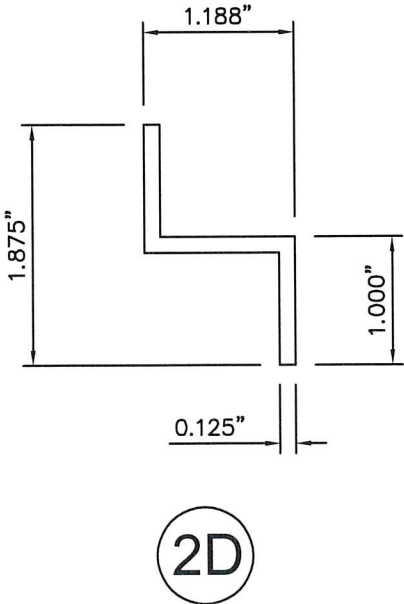
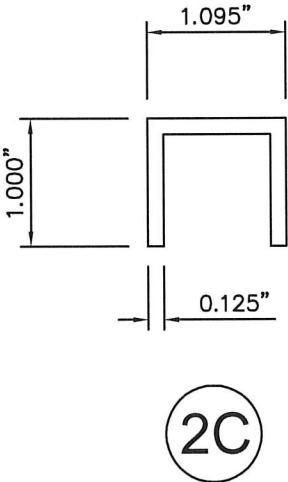
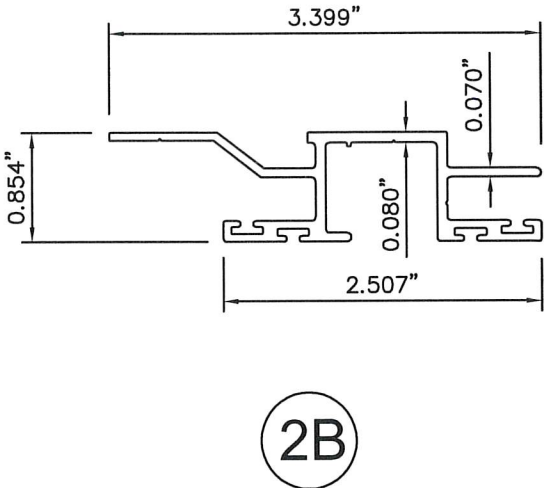
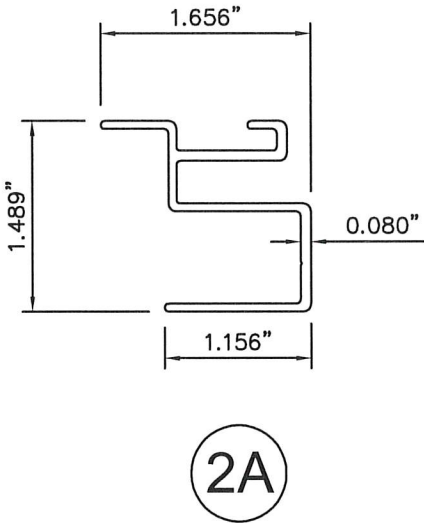
BILL OF MATERIALS		
MARK	DESCRIPTION	NOTES
1	ALUCOBOND 4MM ACM PANEL	
2A	ALUMINUM PANEL PERIMETER EXTRUSION	6063-T5 (MIN)
2B	ALUMINUM PANEL ANCHOR EXTRUSION	6063-T5 (MIN)
2C	ALUMINUM STIFFENER EXTRUSION	6063-T5 (MIN)
2D	ALUMINUM Z-ANCHOR EXTRUSION	6063-T5 (MIN)
2E	ALUMINUM CORNER ANGLE	6063-T5 (MIN)
3	METAL STUD SYSTEM (16 ga. 65 ksi MIN)	
4	#8x3/4" PH GALV. TEKS SCREW	
5	3/16" CLOSED END BLIND ALUM POP RIVET	12" MAX O.C.
6A	DOW 795 SILICONE	
6B	DOW 1199 SILICONE	
7	BACKER ROD	
10	PLYWOOD SHEATHING (5/8" CDX MIN)	
14	SHIMS - HIGH IMPACT PLASTIC	
16	WATERPROOF MEMBRANE	

ALUCOBOND 4 MM ACM PANEL MAKE-UP:



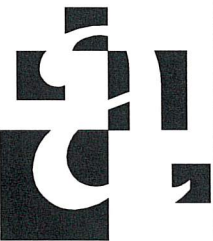
01

ALUCOBOND 4MM PANEL PROPERTIES		
DESCRIPTION	TEST	RESULTS
SPECIFIC GRAVITY		1.9
WEIGHT		1.56 psf
TENSILE STRENGTH	ASTM E8	7750 psi
ELONGATION	ASTM E8	14.2%
FLAME SPREAD INDEX	ASTM E84	<25
SMOKE DEVELOPED INDEX	ASTM E84	<100
SELF IGNITION TEMP	ASTM D1929	783°F
FLASH IGNITION TEMP	ASTM D1929	784°F



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AAP-100
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