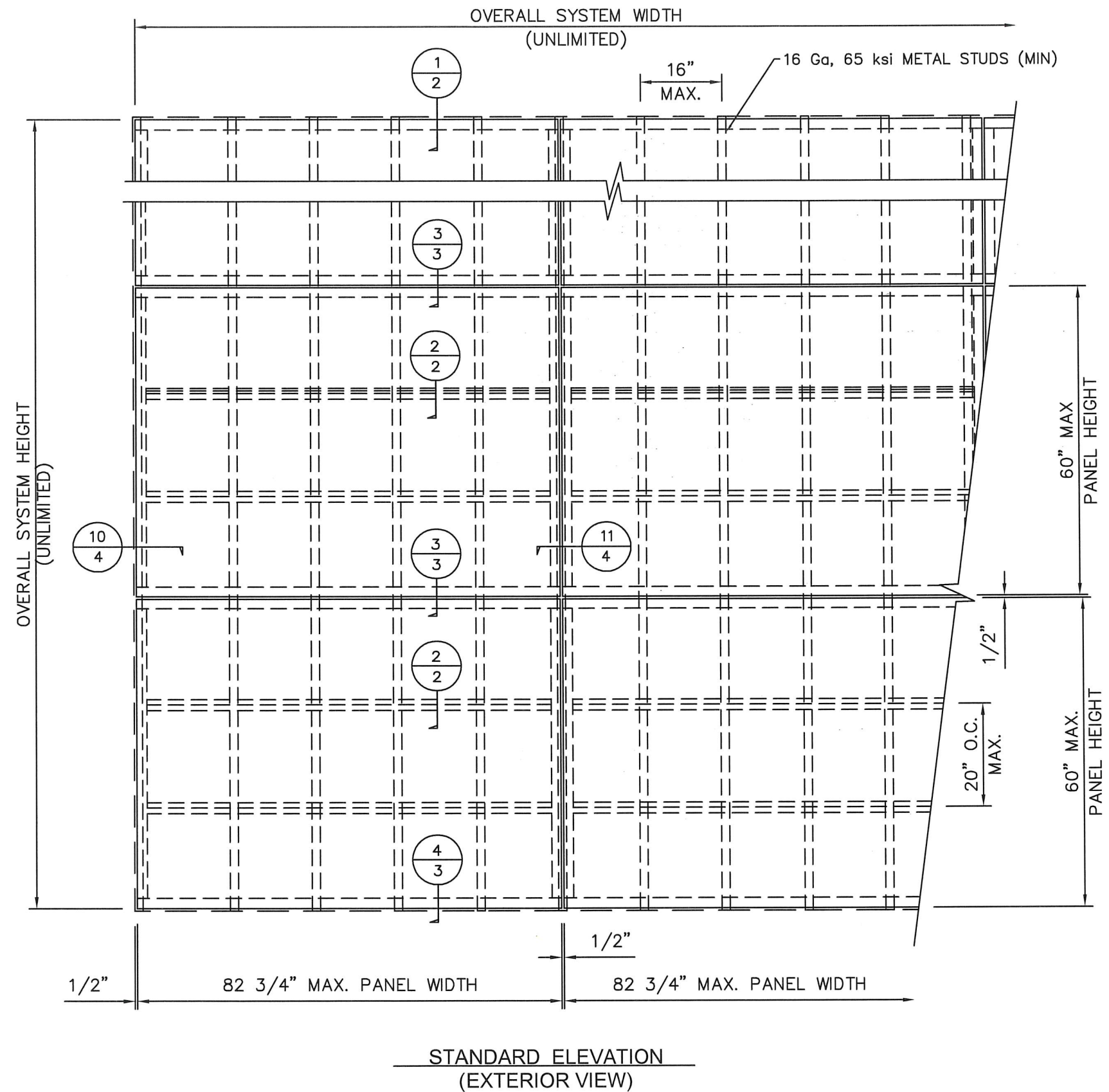


ABRAMS AAP-100 (RAINSCREEN)

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 SMALL MISSILE IMPACT RESISTANCE. IN WINDBORNE DEBRIS REGIONS, ELEVATIONS BELOW 30 FT. MAY ONLY BE INSTALLED OVER WALL TYPES LISTED IN FBC SECTION 1626.4.
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.



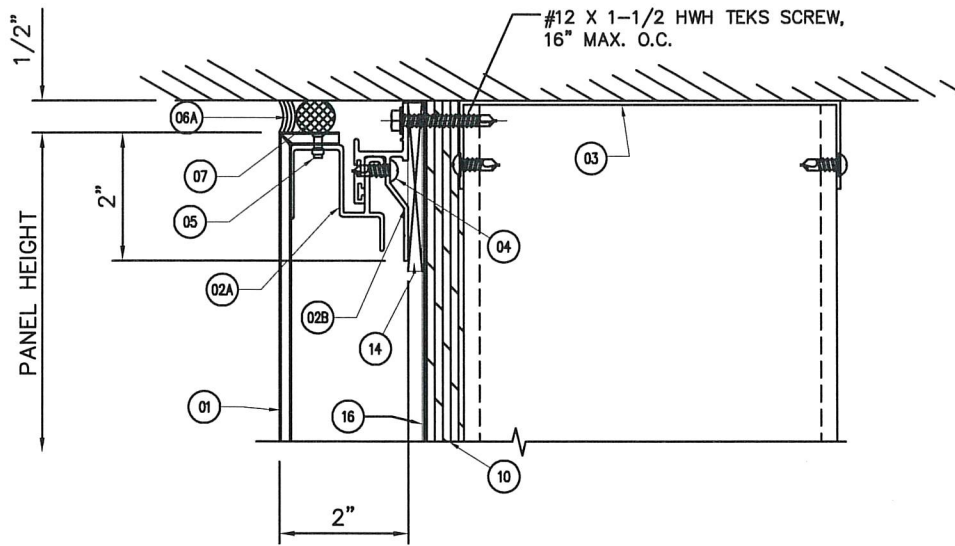
DESIGN PRESSURE

+/- 130 Psf

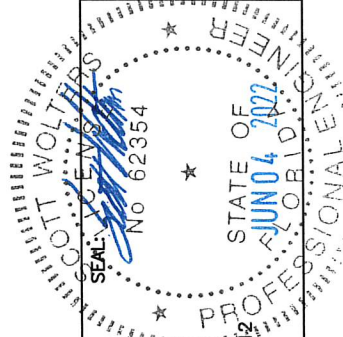
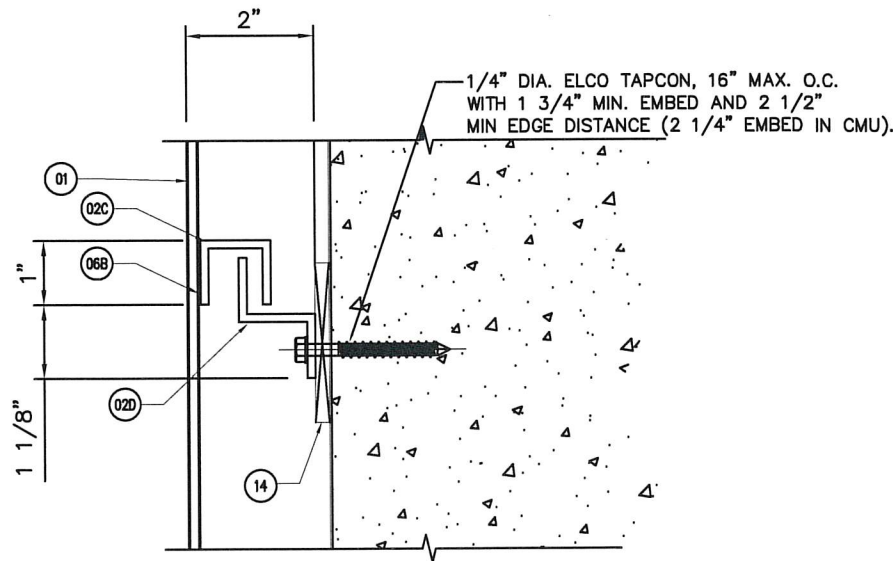
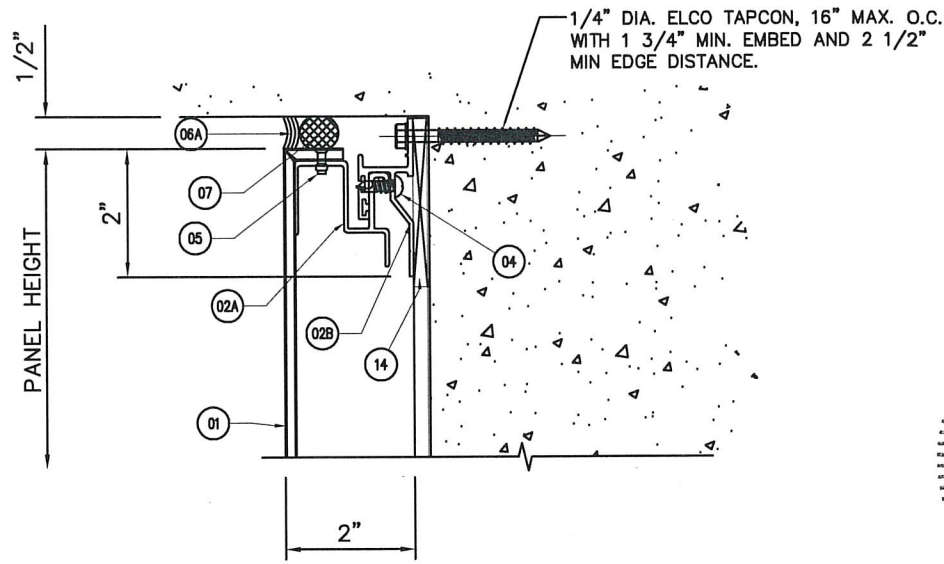
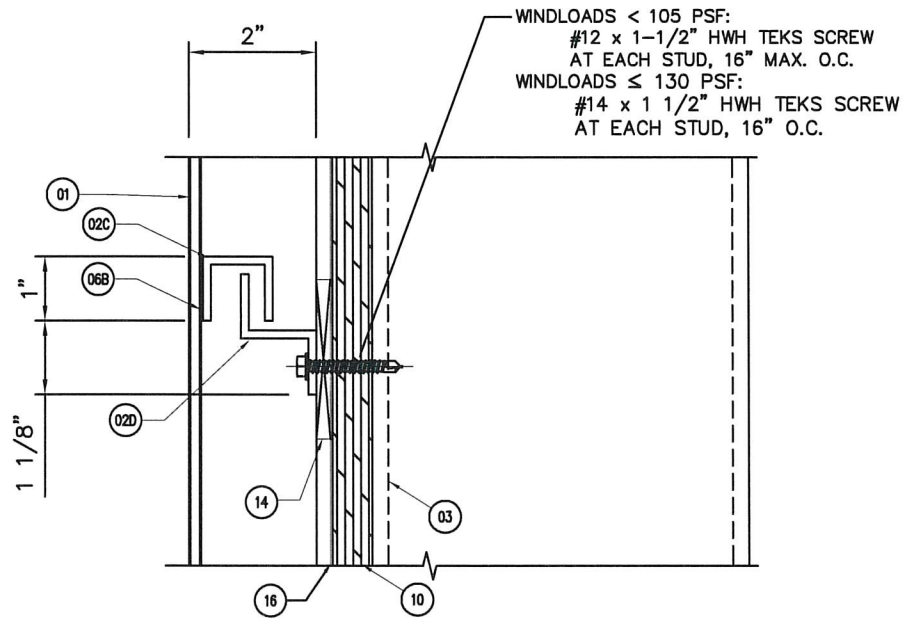
 ABRAMS ARCHITECTURAL PRODUCTS 7260 DELTA CIRCLE AUSTELL, GA 30168 Phone: 770-745-8728 Fax: 770-745-8839	AAP-100 (RAINSCREEN) WALL CLADDING SYSTEM	SCOTT WOLTERS FL PE# 62354	WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 (561) 225-1982	SEAL: 	PRINTS ISSUED FOR	REV.#	DATE
		—	—	—	—	—	6/4/22
		—	—	—	—	—	6/4/20
		—	—	—	—	—	—
		—	—	—	—	—	—
DWG: AAP-100			SHEET: 1/5				

ALTERNATE DETAILS ON CONCRETE/CMU:

1
2

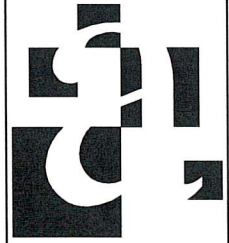


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2



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(COA# 27194)
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(RAINSCREEN)
WALL CLADDING
SYSTEM



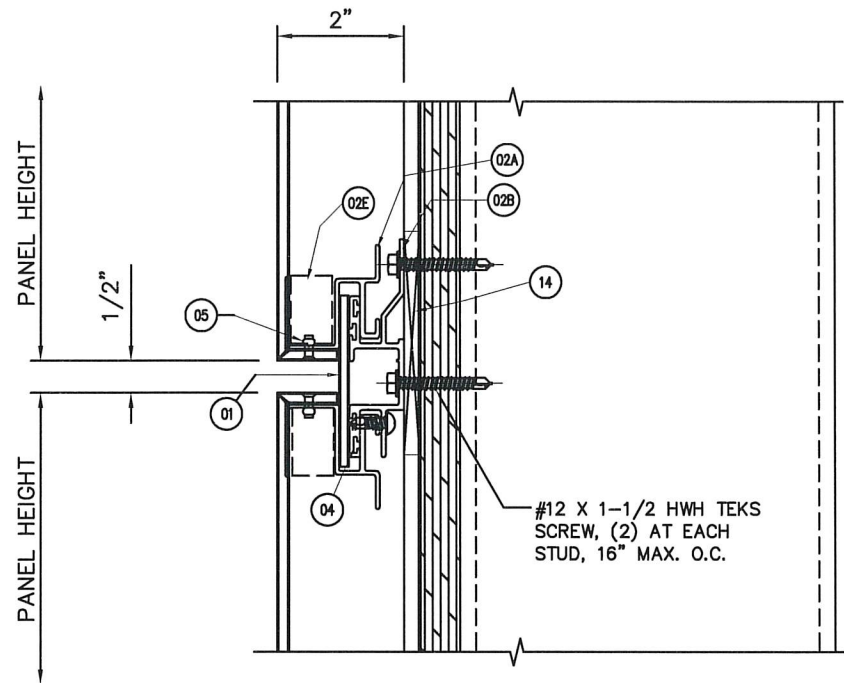
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Fax: 770-745-8839

DWG: AAP-100
SHEET: 2/5

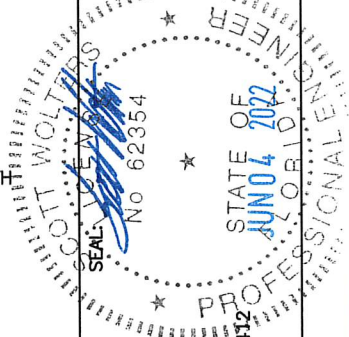
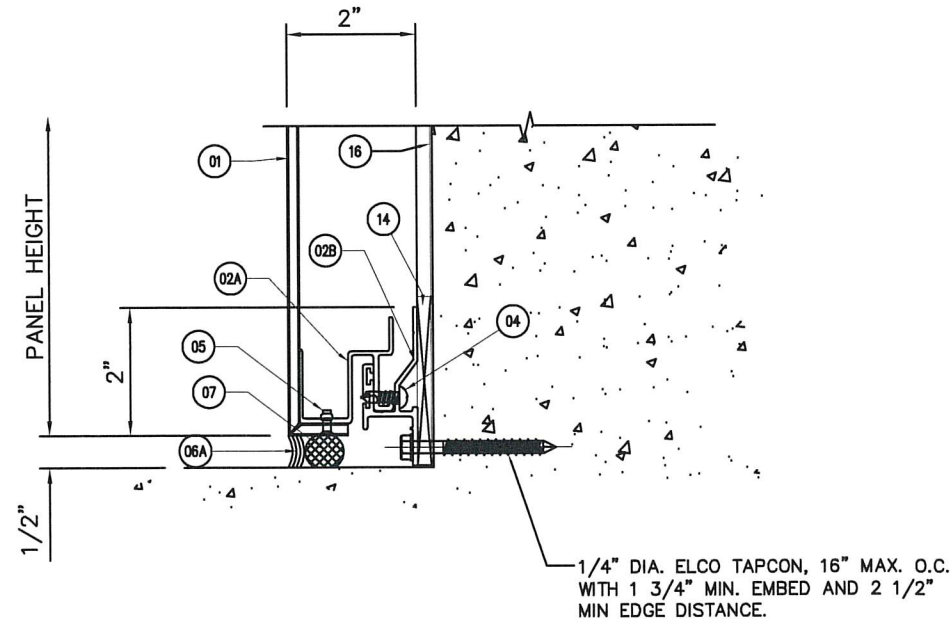
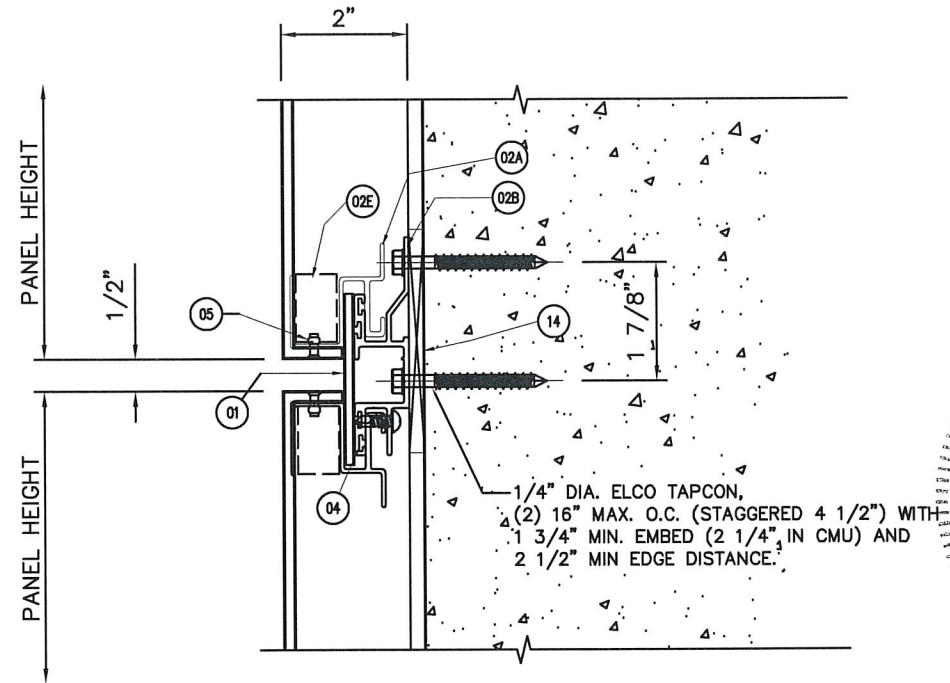
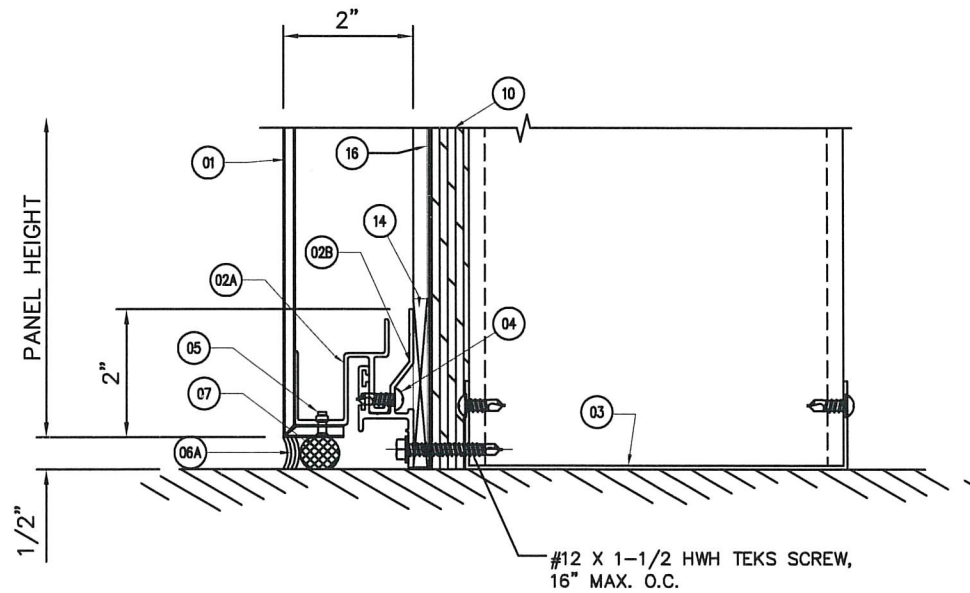
REV.#	DATE	PRINTS ISSUED FOR
1	6/4/20	1ST SUBMITTAL

ALTERNATE DETAILS ON CONCRETE/CMU:

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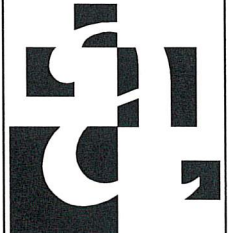


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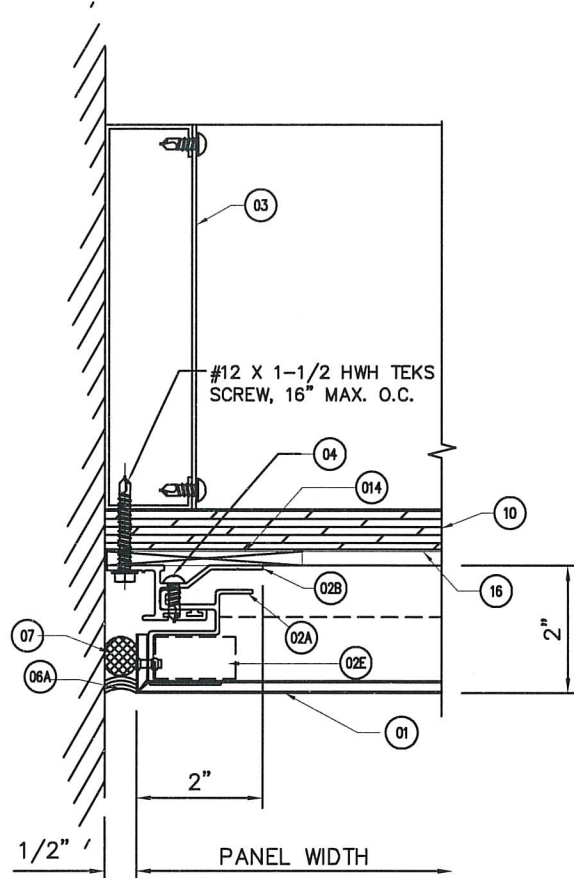
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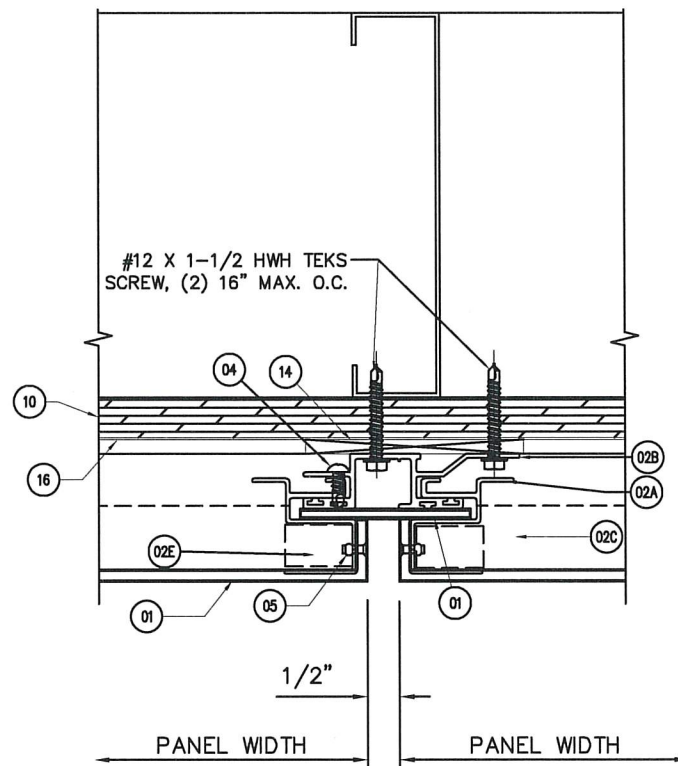


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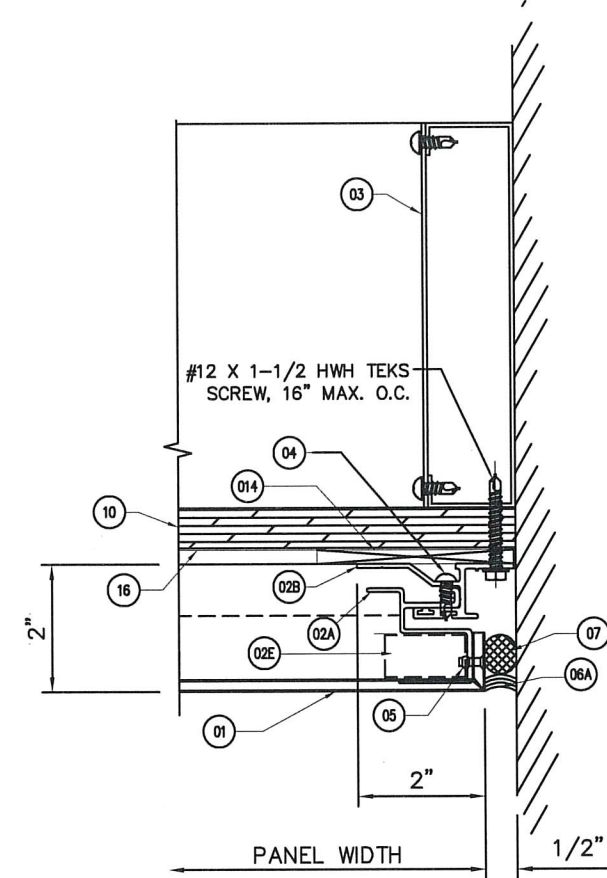
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SHEET: 3/5



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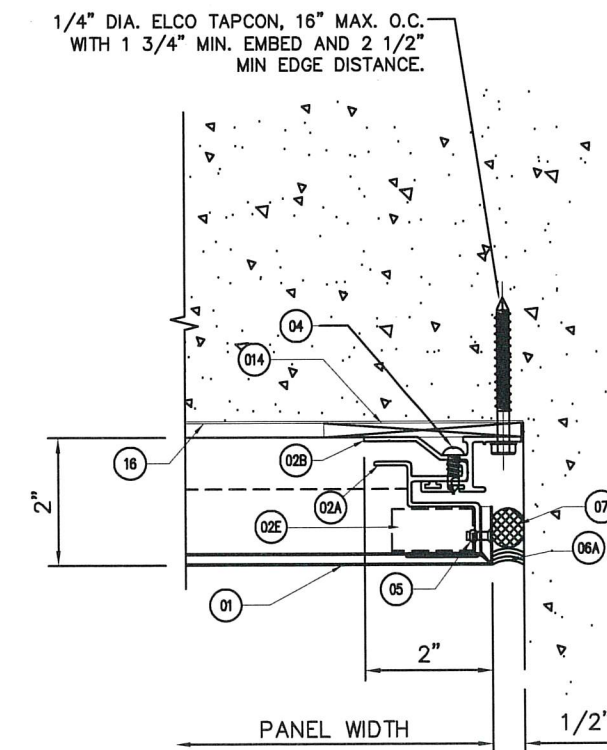
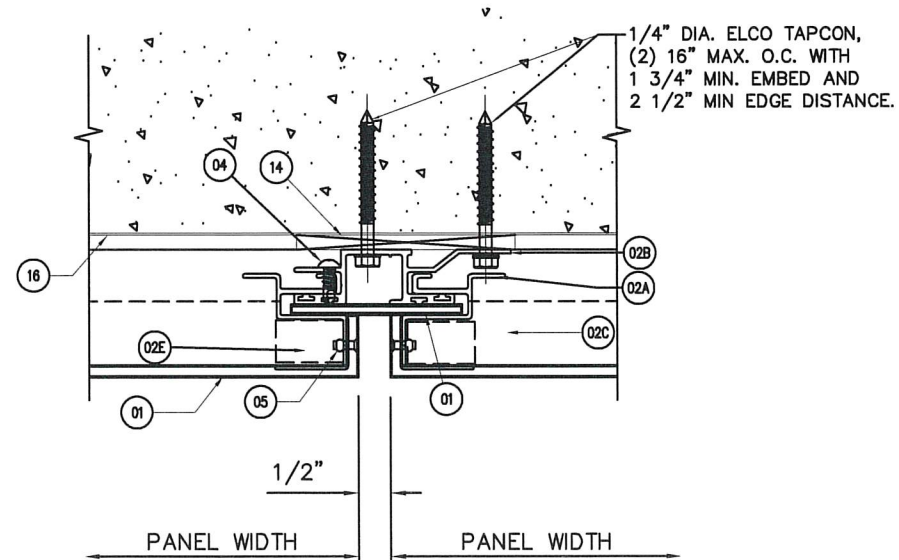
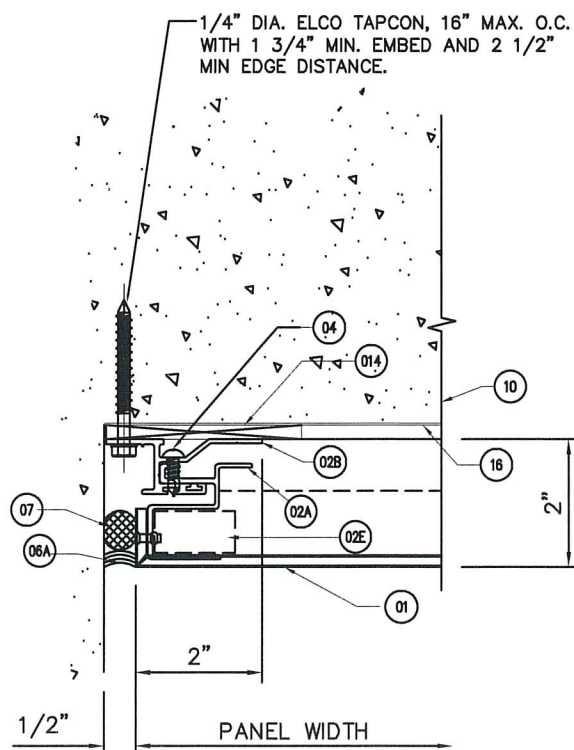


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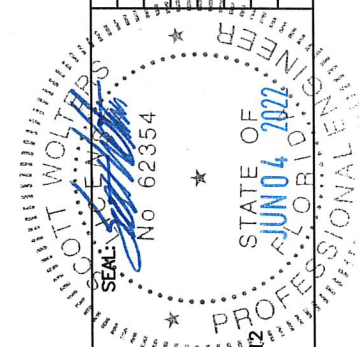


12
4

ALTERNATE DETAILS ON CONCRETE/CMU:



REV.#	DATE	PRINTS ISSUED FOR	1ST SUBMITTAL
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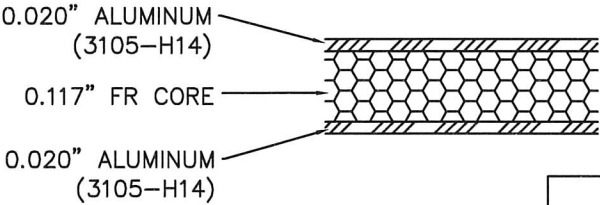
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SHEET: 4/5

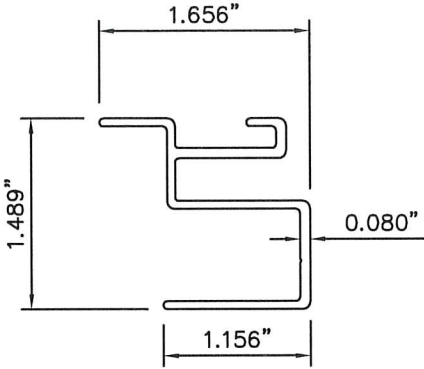
BILL OF MATERIALS		
MARK	DESCRIPTION	NOTES
1	ALUCOBOND 4MM ACM PANEL	
2A	ALUMINUM PANEL PERIMETER EXTRUSION	6063-T5 (MIN)
2B	ALUMINUM PANEL ANCHOR EXTRUSION	6063-T5 (MIN)
2C	ALUMINUM STIFFENER EXTRUSION	6063-T5 (MIN)
2D	ALUMINUM Z-ANCHOR EXTRUSION	6063-T5 (MIN)
2E	ALUMINUM CORNER ANGLE	6063-T5 (MIN)
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:

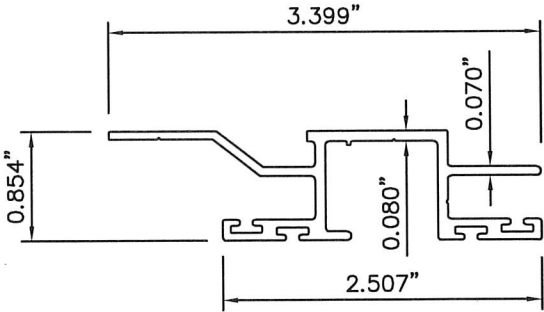


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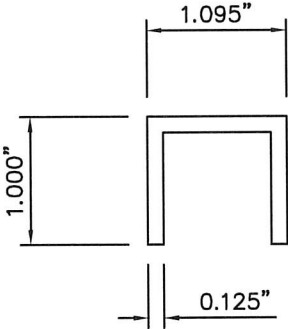
ALUCOBOND 4MM PANEL PROPERTIES		
DESCRIPTION	TEST	RESULTS
SPECIFIC GRAVITY		1.9
WEIGHT		1.56 psf
TENSILE STRENGTH	ASTM E8	7750 psi
ELONGATION	ASTM E8	14.2%
FLAME SPREAD INDEX	ASTM E84	<25
SMOKE DEVELOPED INDEX	ASTM E84	<100
SELF IGNITION TEMP	ASTM D1929	783°F
FLASH IGNITION TEMP	ASTM D1929	784°F



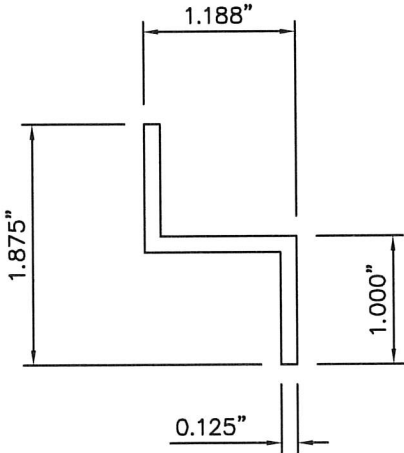
2A



2B



2C



2D



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