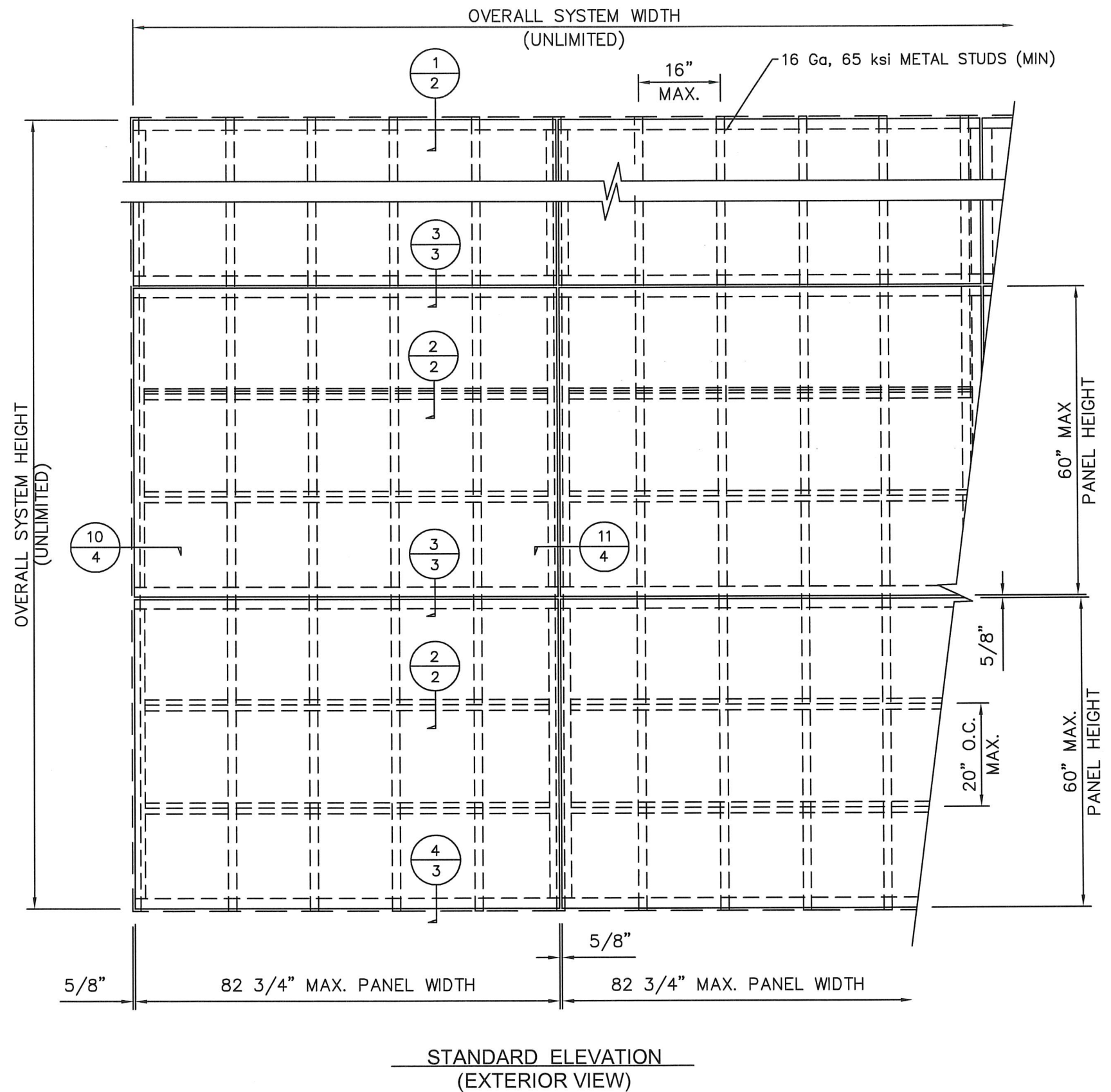


ABRAMS AAP-950 (DRY JOINT) WALL CLADDING SYSTEM:

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 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 METAL STUDS MUST FULLY PENETRATE THE STUD WALL, WITH 3 ADDITIONAL THREADS BEYOND.
9. PANEL IS 1/8" (3mm) ALUMINUM PLATE, 3003-H14 ALLOY.
10. ALUMINUM EXTRUSIONS ARE 6063-T5 MIN.

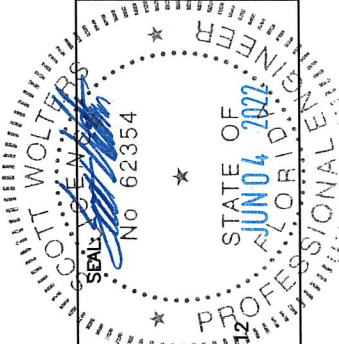


STANDARD ELEVATION
(EXTERIOR VIEW)

DESIGN PRESSURE

+/- 130 Psf

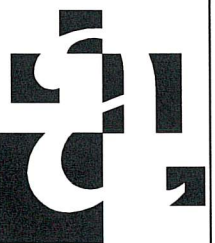
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CODE UPDATE	1	6/4/22
1ST SUBMITTAL	—	6/4/20
PRINTS ISSUED FOR	REV.#	DATE



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FL PE# 62354

WOLTERS ENGINEERING
(COA# 27194)
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(561) 225-1982

AAP-950 (DRY JOINT) WALL CLADDING SYSTEM



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ARCHITECTURAL PRODUCTS

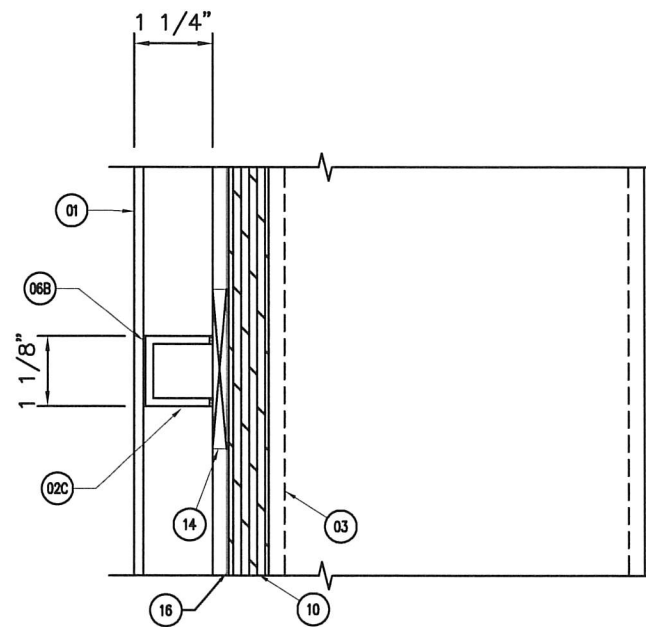
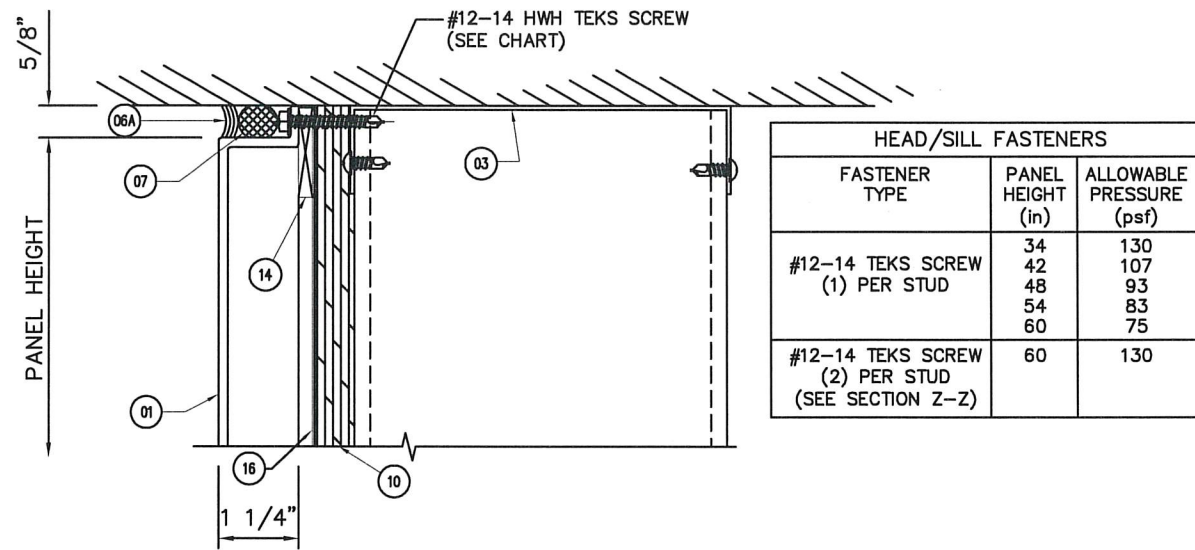
7260 DELTA CIRCLE
AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG: AAP-950

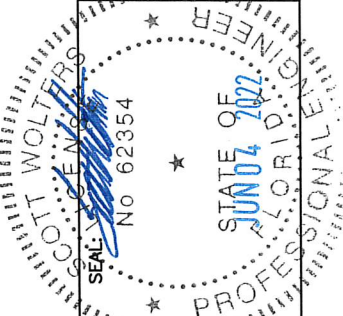
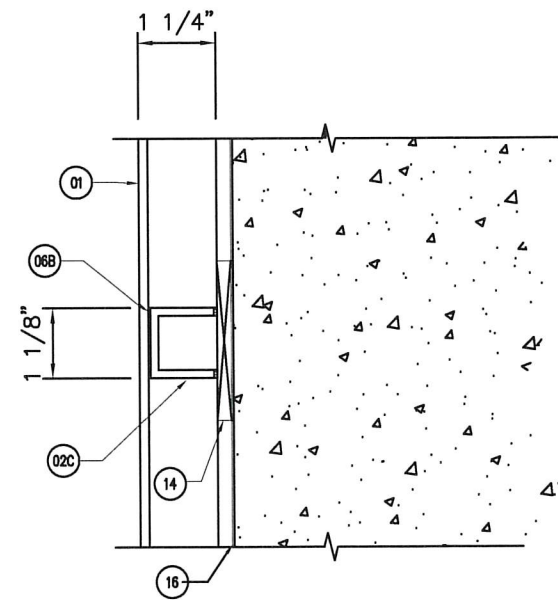
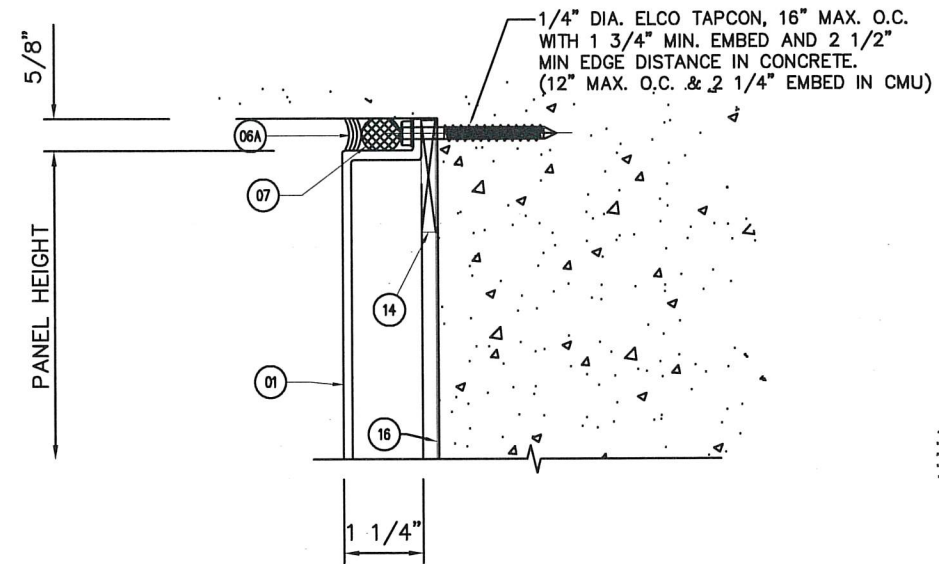
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2

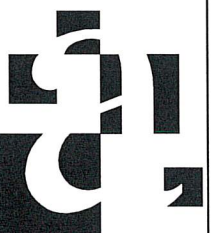


ALTERNATE DETAILS ON CONCRETE/CMU:



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AAP-950
(DRY JOINT)
WALL CLADDING
SYSTEM

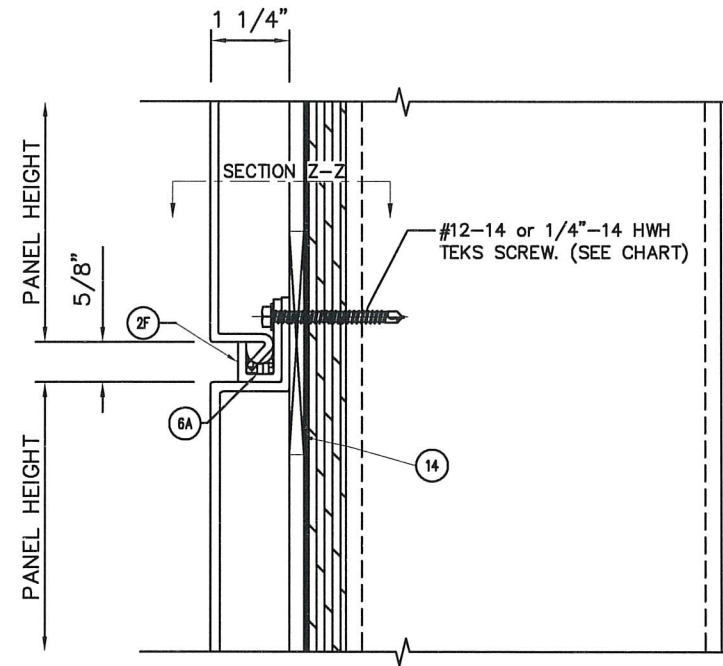


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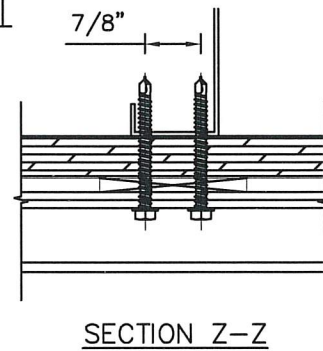
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REV.#	DATE	PRINTS ISSUED FOR	TST SUBMITTAL
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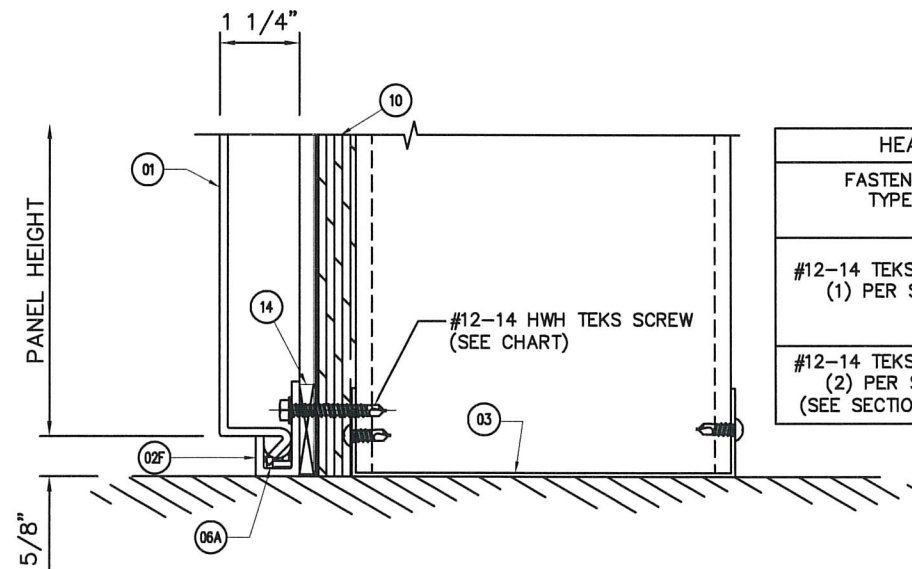


HORIZONTAL JOINT FASTENERS		
FASTENER TYPE	AVERAGE PANEL HEIGHT (in)	ALLOWABLE PRESSURE (psf)
#12-14 TEKS SCREW (2) PER STUD	34	130
	42	107
	48	93
	54	83
1/4"-14 TEKS SCREW (2) PER STUD	60	75
	40	130
	48	110
	54	98
	60	88



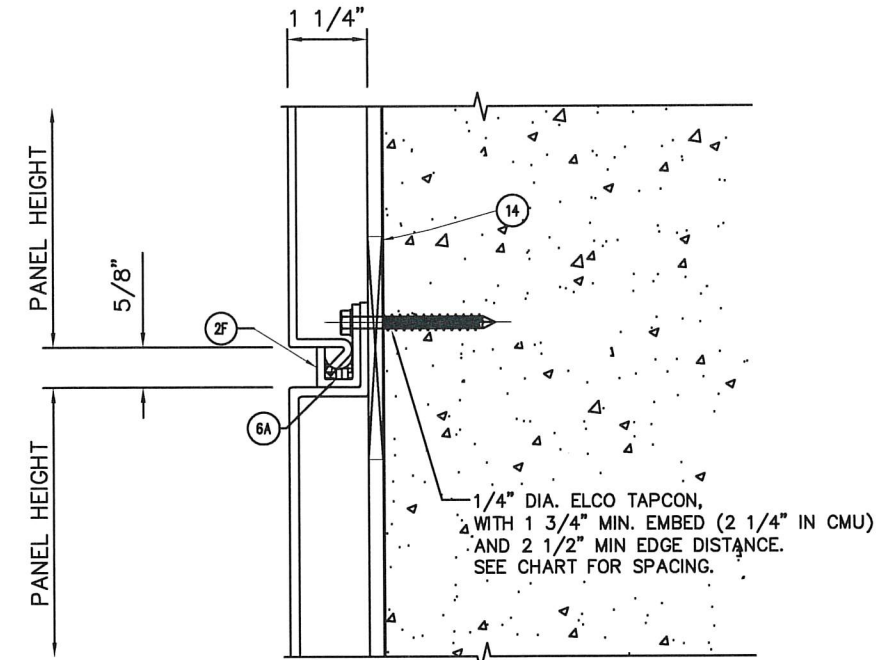
SECTION Z-Z

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3

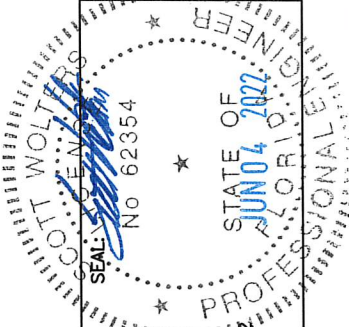
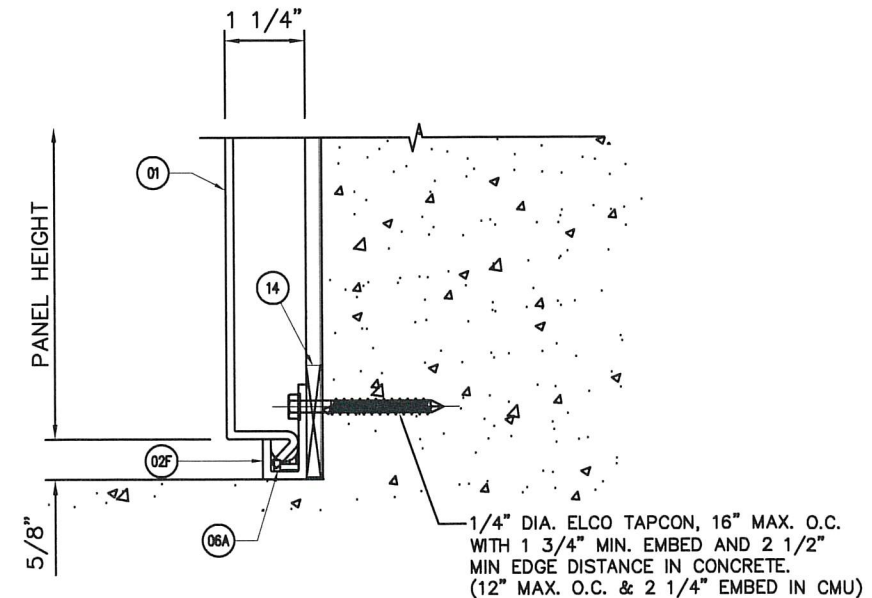


HEAD/SILL FASTENERS		
FASTENER TYPE	PANEL HEIGHT (in)	ALLOWABLE PRESSURE (psf)
#12-14 TEKS SCREW (1) PER STUD	34	130
	42	107
	48	93
	54	83
	60	75
#12-14 TEKS SCREW (2) PER STUD (SEE SECTION Z-Z)	60	130

ALTERNATE DETAILS ON CONCRETE/CMU:

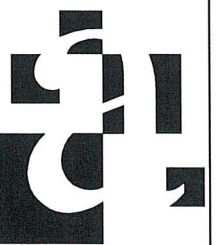


HORIZONTAL JOINT FASTENERS				
AVERAGE PANEL HEIGHT (in)	CONCRETE (3000 psi MIN)		GROUT-FILLED CMU (ASTM C90 MIN)	
	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)
48	10	130	7	130
	12	118	9	109
	16	89	12	82
54	9	130	6 1/2	130
	12	105	9	97
	16	79	12	72
60	8	130	6	130
	12	95	9	87
	16	71	12	65



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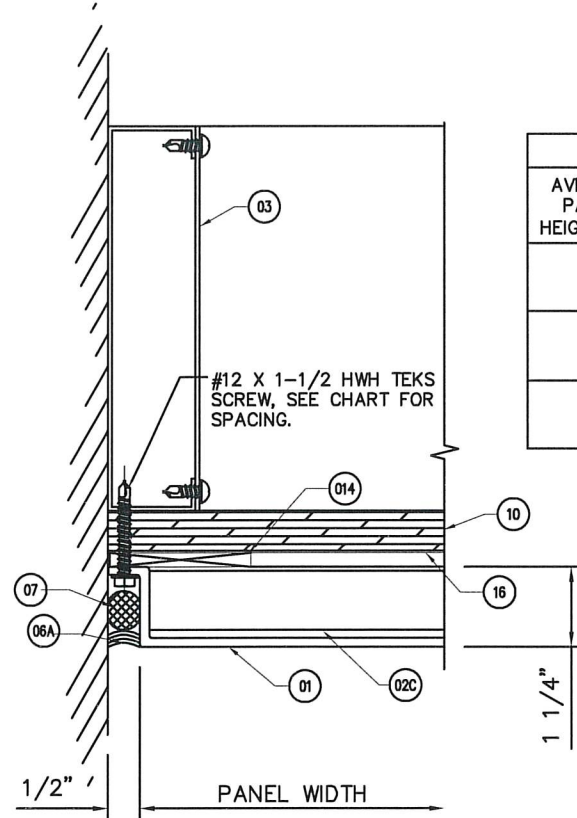
AAP-950
WALL CLADDING
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ARCHITECTURAL PRODUCTS

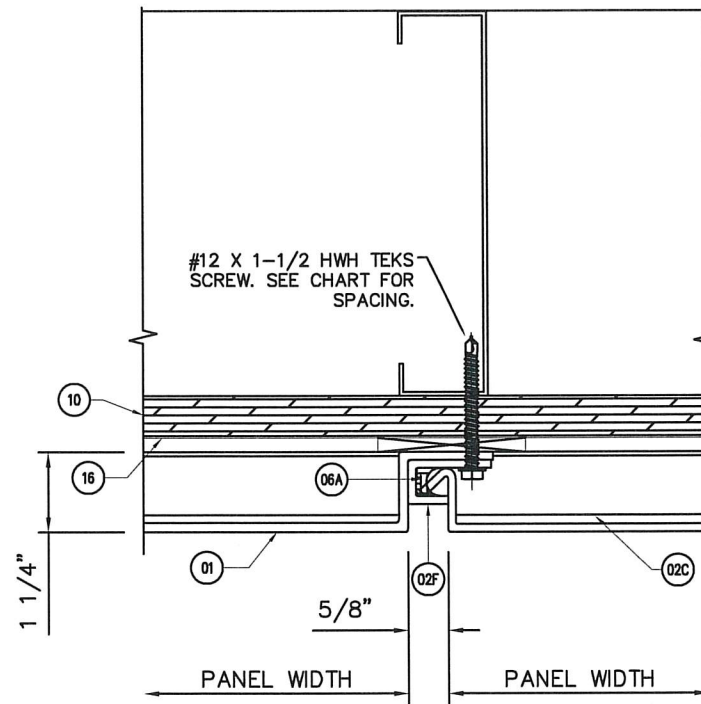
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DWG: AAP-950
SHEET: 3/5



JAMB FASTENERS		
AVERAGE PANEL HEIGHT (in)	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)
48	11	130
	12	125
	16	93
54	10	130
	12	111
	16	83
60	9	130
	12	100
	16	75

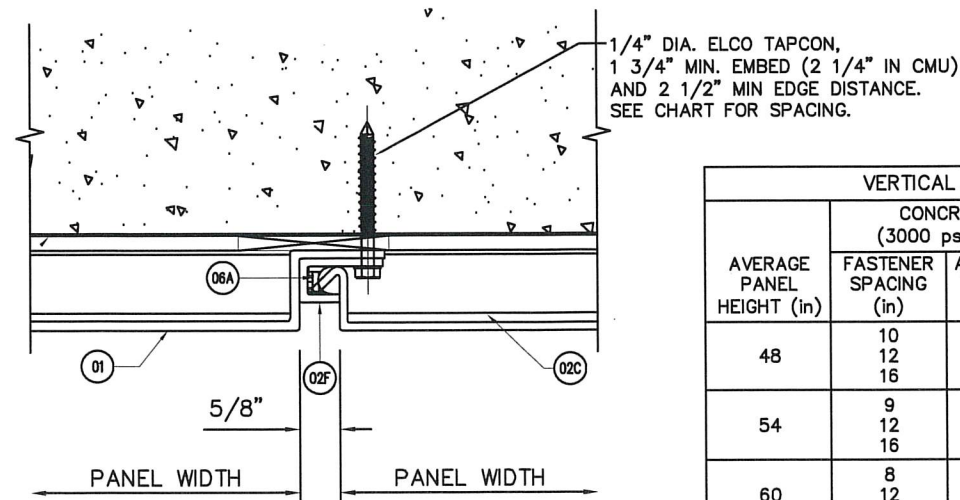
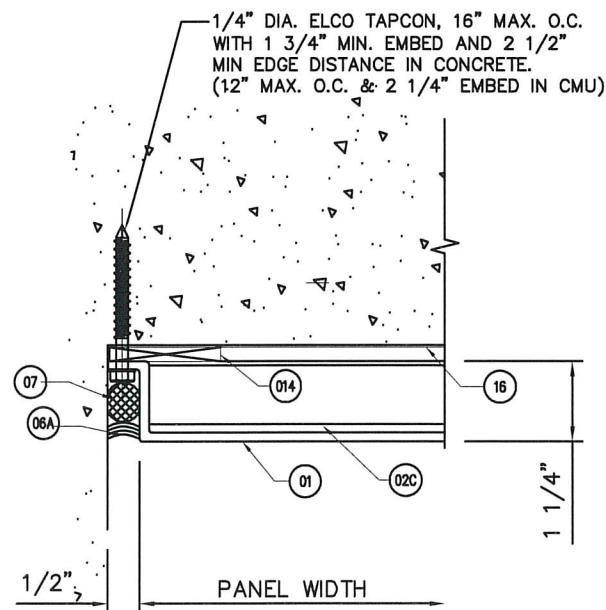
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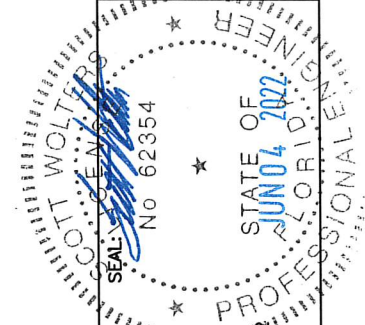
VERTICAL JOINT FASTENERS		
AVERAGE PANEL HEIGHT (in)	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)
48	5 1/2	130
	8	93
	12	62
	16	46
54	5	130
	8	83
	12	55
	16	41
60	4	130
	8	75
	12	50
	16	37

11
4

ALTERNATE DETAILS ON CONCRETE/CMU:

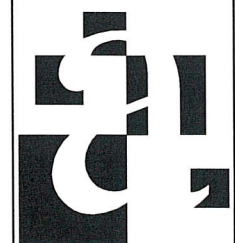


VERTICAL JOINT FASTENERS				
AVERAGE PANEL HEIGHT (in)	CONCRETE (3000 psi MIN)		GROUT-FILLED CMU (ASTM C90 MIN)	
	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)
48	10	130	7	130
	12	118	9	109
	16	89	12	82
54	9	130	6 1/2	130
	12	105	9	97
	16	79	12	72
60	8	130	6	130
	12	95	9	87
	16	71	12	65



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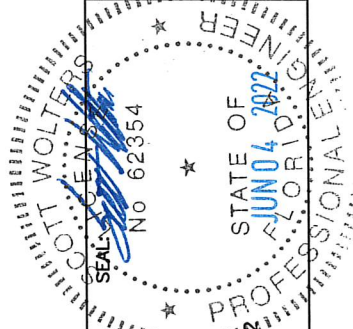
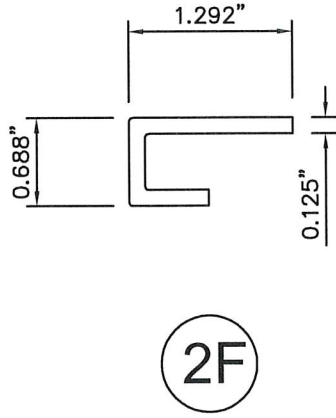
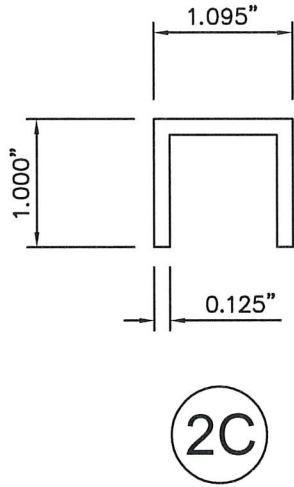
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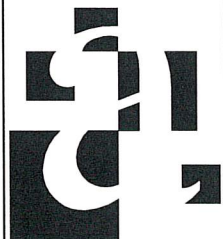
BILL OF MATERIALS		
MARK	DESCRIPTION	NOTES
1	1/8" (3MM) ALUMINUM PANEL (3003-H14)	
2C	ALUMINUM STIFFENER EXTRUSION	6063-T5 (MIN)
2F	ALUMINUM J-TRIM EXTRUSION	6063-T5 (MIN)
3	METAL STUD SYSTEM (16 ga. 65 ksi MIN)	
5	#8x3/4" PH GALV. TEKS SCREW	
6A	DOW 795 SILICONE	
6B	DOW 1199 SILICONE	
7	BACKER ROD	
10	PLYWOOD SHEATHING (5/8" CDX MIN)	
14	SHIMS - HIGH IMPACT PLASTIC	
16	WATERPROOF MEMBRANE	



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