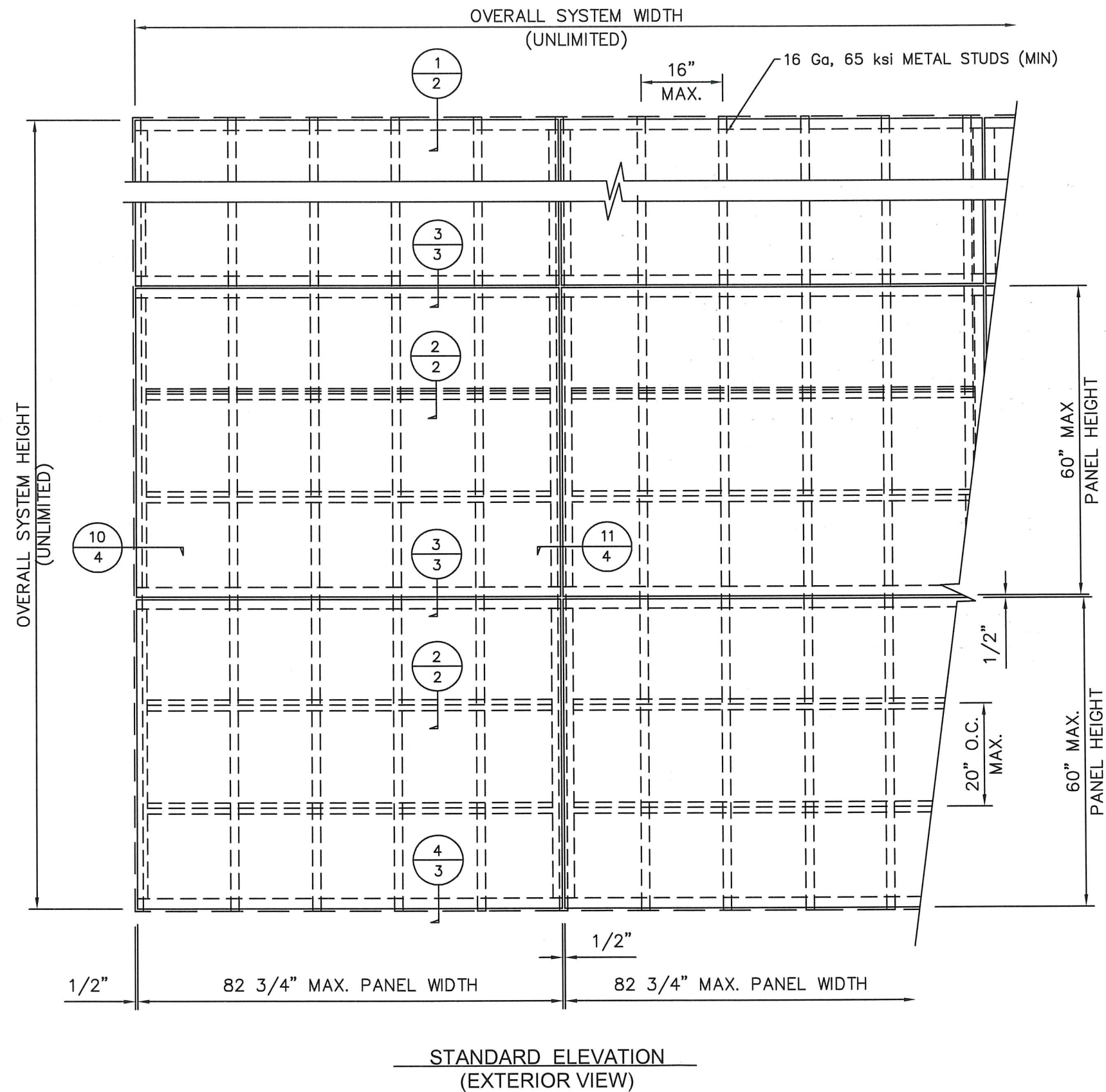


ABRAMS AAP-900 (WET SEAL)
WALL CLADDING SYSTEM:

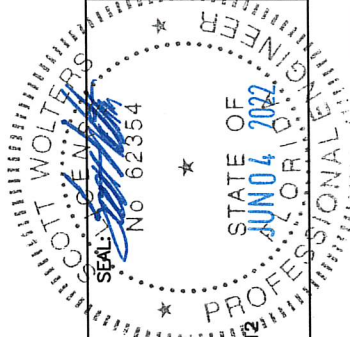
GENERAL NOTES:

- 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 PRESSURES LISTED ON THIS SHEET OR IN THE FASTENER CHARTS ON SHEETS 2-4.
- 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. Cd=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.



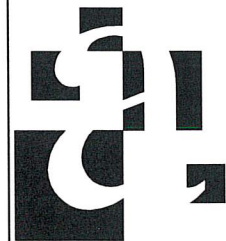
STANDARD ELEVATION
(EXTERIOR VIEW)

DESIGN PRESSURE
+/- 130 Psf



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WEST PALM BEACH, FL 33412
(561) 225-1982

AAP-900
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WALL CLADDING
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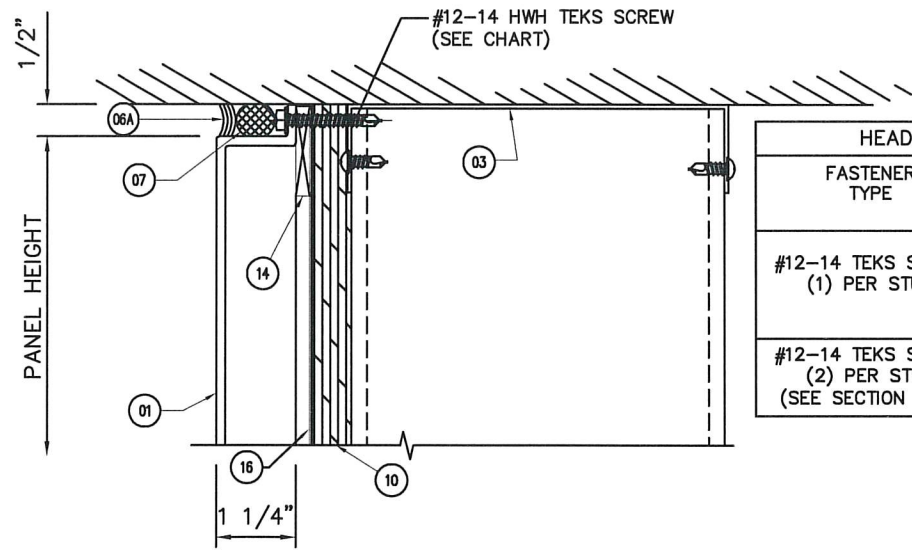


ABRAMS
ARCHITECTURAL PRODUCTS
7260 DELTA CIRCLE
AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG: AAP-900
SHEET: 1/5

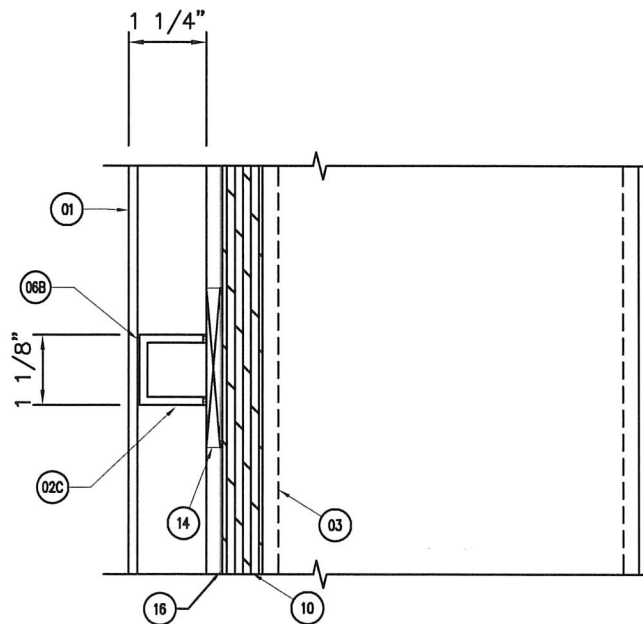
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2

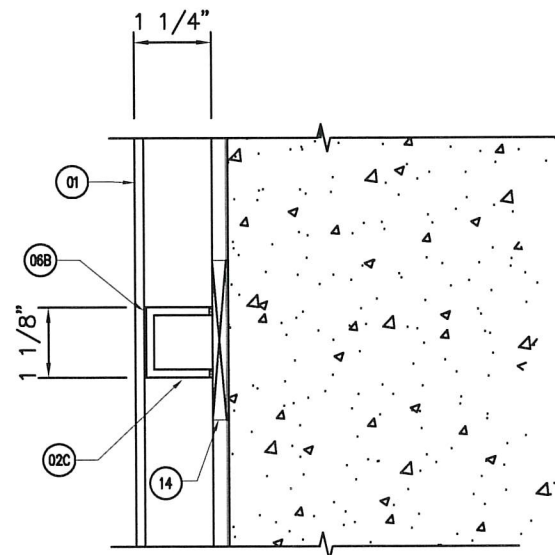
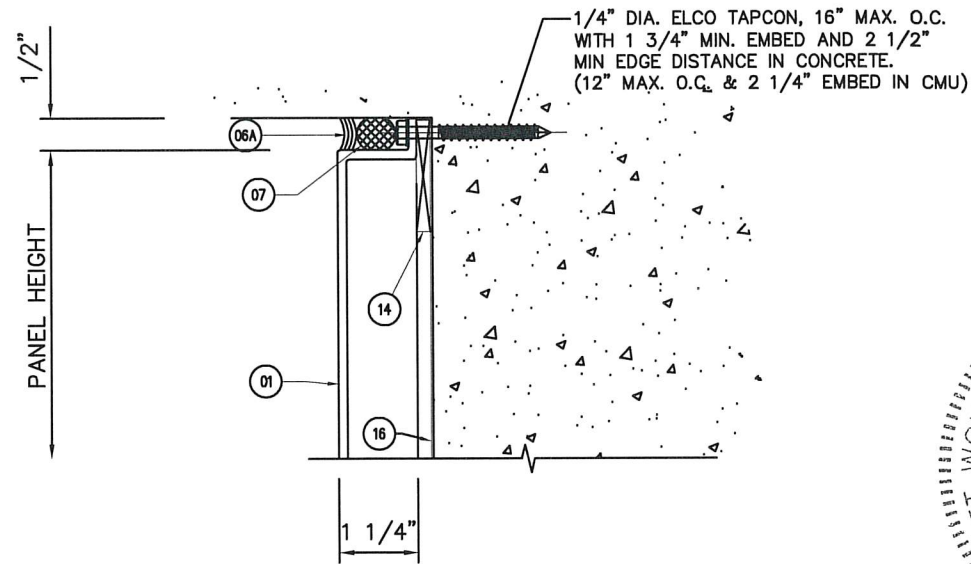


HEAD/SILL FASTENERS		
FASTENER TYPE	PANEL HEIGHT (in)	ALLOWABLE PRESSURE (psf)
#12-14 TEKS SCREW (1) PER STUD	34	130
	42	107
	48	93
	54	83
	60	75
#12-14 TEKS SCREW (2) PER STUD (SEE SECTION Z-Z)	60	130

2
2



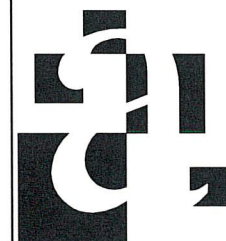
ALTERNATE DETAILS ON CONCRETE/CMU:



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(COA# 27194)
15211 97TH ROAD N 33412
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ARCHITECTURAL PRODUCTS

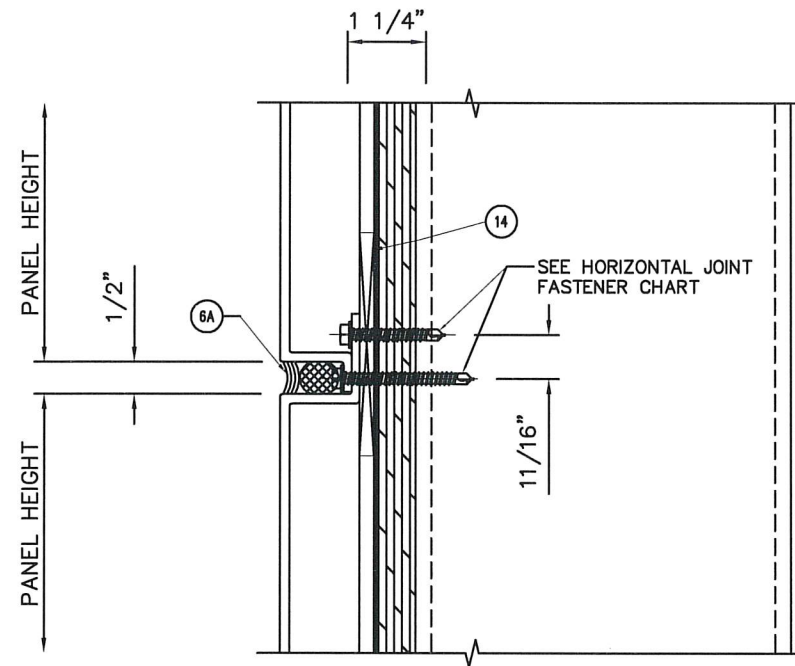
7260 DELTA CIRCLE
AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG: AAP-900
SHEET: 2/5

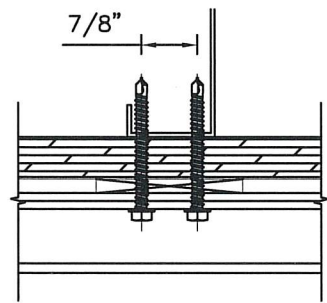
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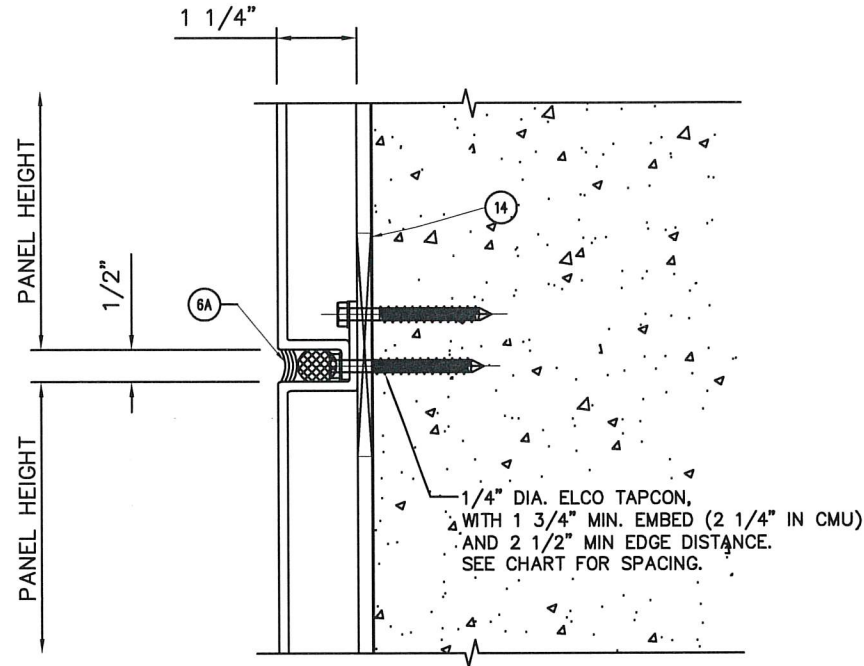
3
3



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
#12-14 TEKS SCREW (4) PER STUD (SEE SECTION Z-Z)	60	75
	60	130

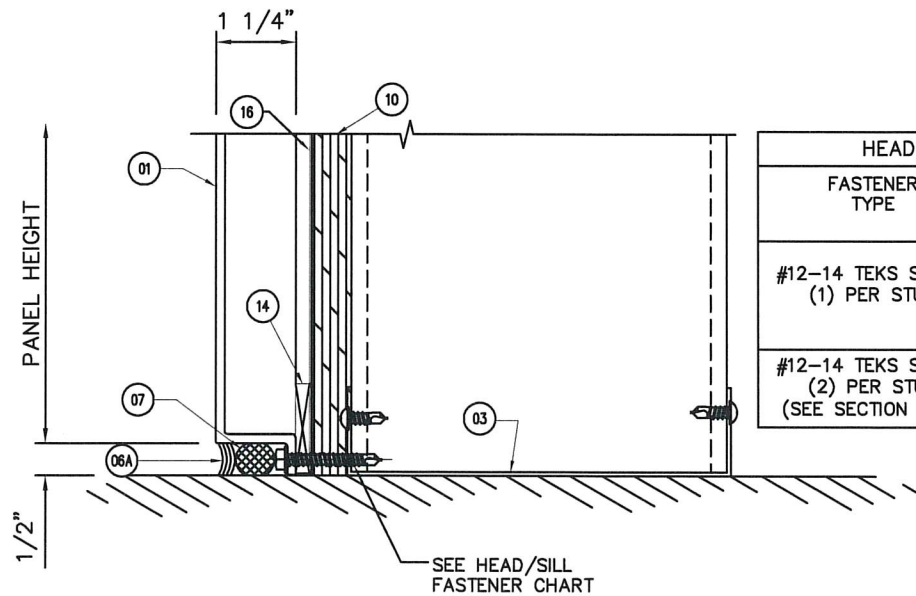


SECTION Z-Z

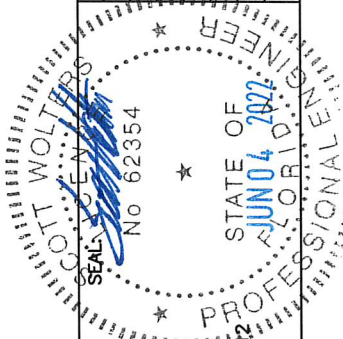
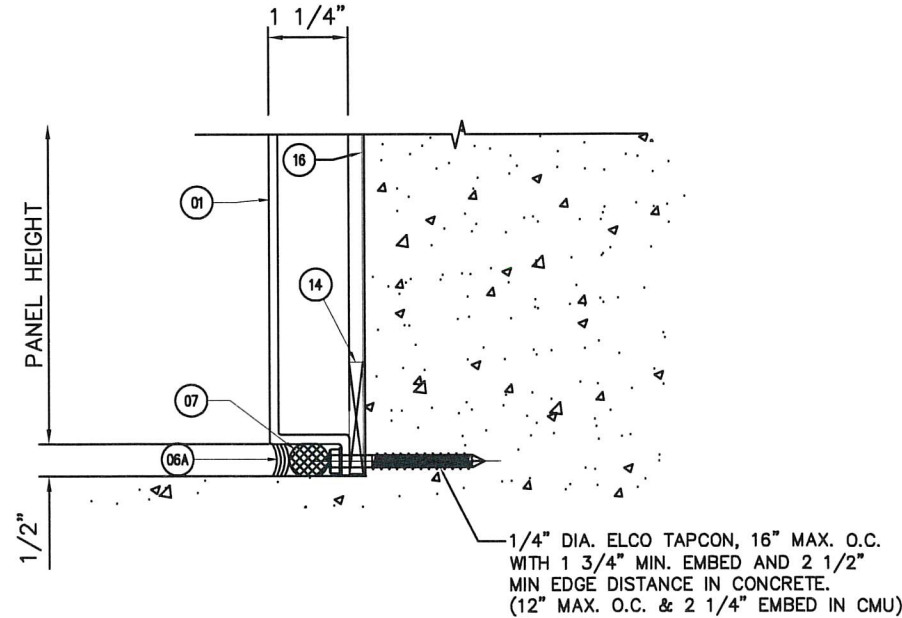


HORIZONTAL JOINT FASTENERS				
AVERAGE PANEL HEIGHT (in)	CONCRETE (3000 psi MIN)		GROUT-FILLED CMU (ASTM C90 MIN)	
	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)
48	10	130	7	130
	12	118	9	109
	16	89	12	82
54	9	130	6 1/2	130
	12	105	9	97
	16	79	12	72
60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

4
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

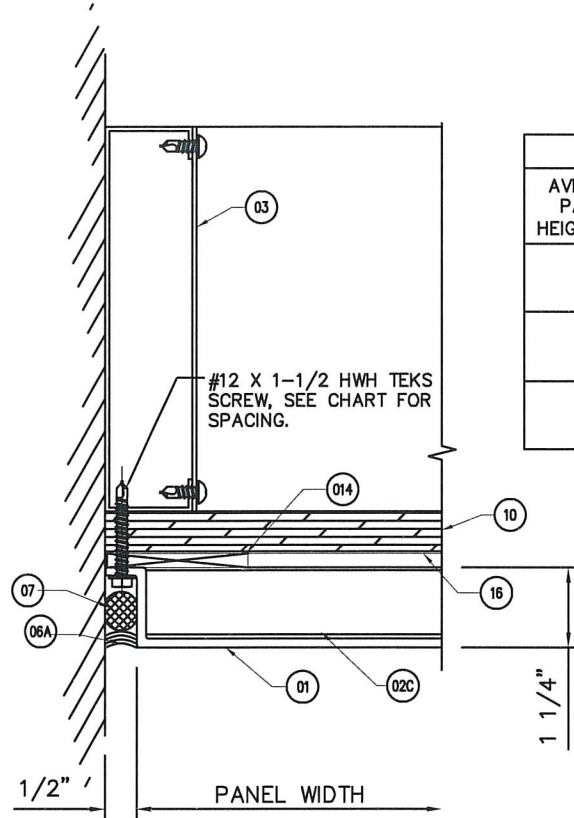


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FL PE# 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

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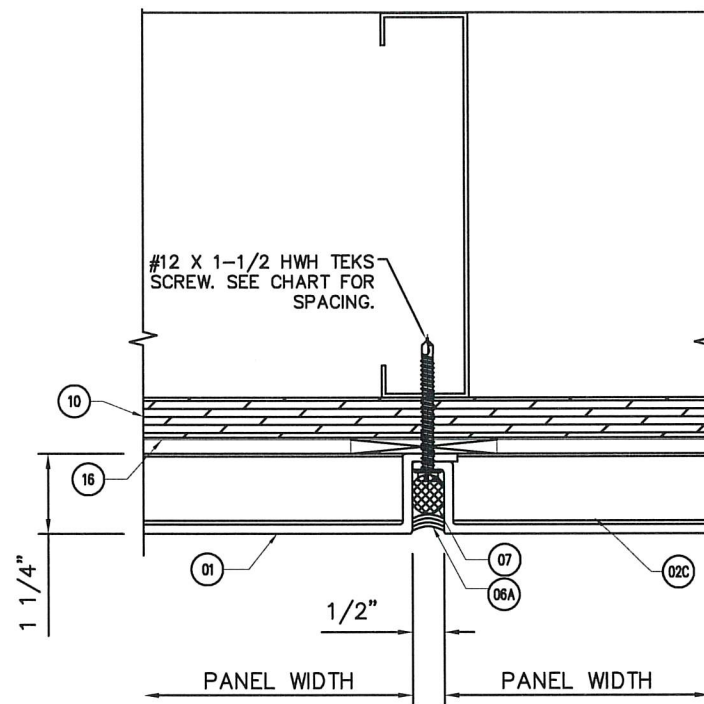
ABRAMS
ARCHITECTURAL PRODUCTS
7260 DELTA CIRCLE
AUSTELL, GA 30168
Phone: 770-745-8728
Fax: 770-745-8839

DWG: AAP-900
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

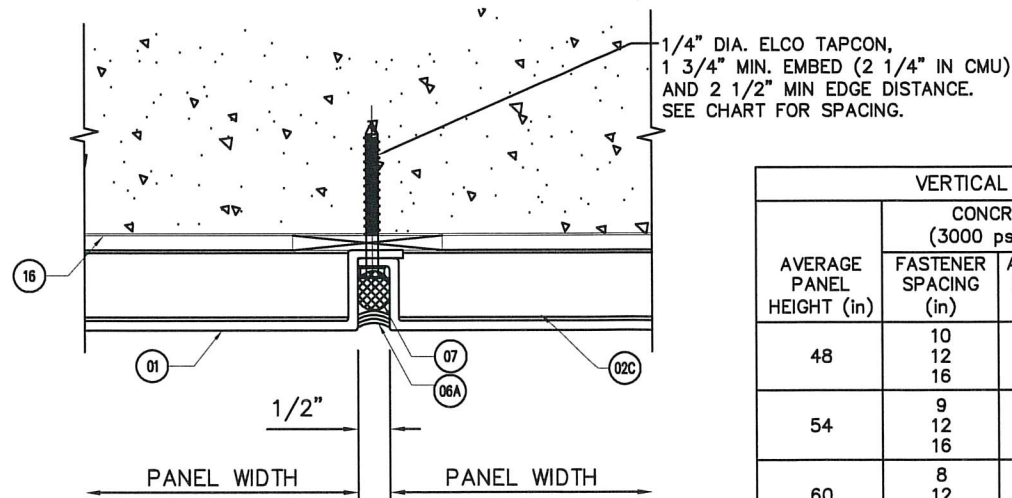
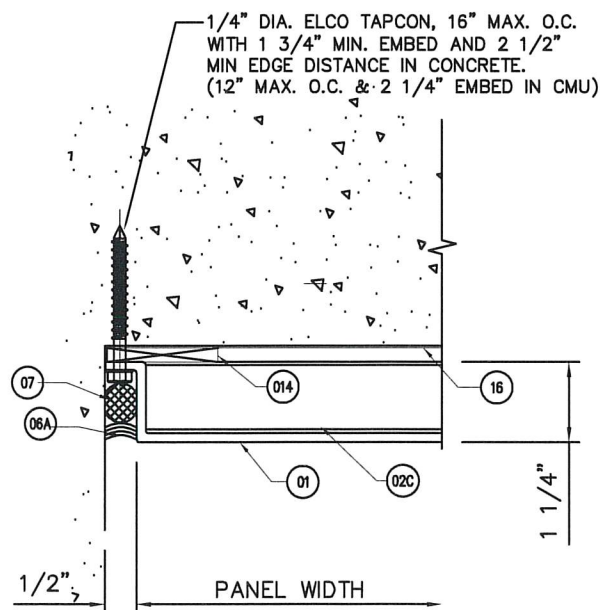
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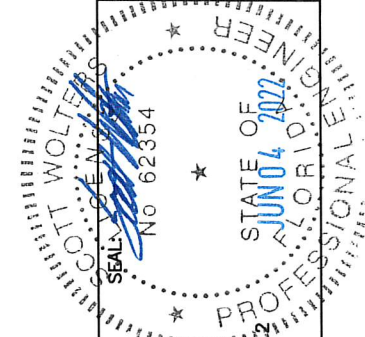
VERTICAL JOINT FASTENERS		
AVERAGE PANEL HEIGHT (in)	FASTENER SPACING (in)	ALLOWABLE PRESSURE (psf)
48	5 1/2	130
	8	93
	12	62
	16	46
54	5	130
	8	83
	12	55
	16	41
60	4	130
	8	75
	12	50
	16	37

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

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

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SHEET: **4/5**

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