WOLTERS ENGINEERING

ENGINEERING, DRAFTING, CONSULTING

15211 97th Road N West Palm Beach, FL 33412 Ph/Fx: (561) 225-1982

PRODUCT EVALUATION

PRODUCT:

ABRAMS AAP-900 (WET SEAL) WALL CLADDING SYSTEM

MANUFACTURER:

ABRAMS ARCHITECTURAL PRODUCTS

7260 DELTA CIRCLE AUSTELL, GA 30166

To all concerned,

The AAP-900 (Wet Seal) Wall Cladding System, manufactured by Abrams Architectural Products, consists of formed 1/8" (3 mm) aluminum plate panels (3003-H14 Alloy) with extruded aluminum stiffeners. The panels are directly fastened to 5/8" CDX plywood over 16 Ga. metal stud framing (min). The system has been tested per TAS 201, 202, and 203 by Intertek B&C, with results shown in test report K3255.06-550-18.

Technical Documentation:

- 1. Drawing "AAP-900" dated 6/4/20, signed and sealed by Scott Wolters, PE.
- 2. Test Report listed above by Architectural Testing, Inc. signed and sealed by Vinu Abraham, PE.
- 3. Supplemental Calculations to support "AAP-900" drawing, signed and sealed by Scott Wolters, PE.

I have reviewed this submittal per the requirements of FAC Product Approval Rule Chapter 61G20-3.005 (4). Based on the limitations listed below and those provided in the documents above, this product meets all the requirements of the 6th Edition (2017) Florida Building Code generally, and chapters 14,16, and 20 specifically, including the HVHZ provisions.

Limitations:

This Aluminum Panel System is small missile impact resistant, and approved for use inside and outside of the HVHZ. Elevations in windborne debris regions below 30 ft may only be installed over wall types listed in FBC Section 1626.4.

Overall Dimensions:

Maximum Panel Width:

82 3/4"

Maximum Panel Height:

COI

Maximum Stiffener Spacing:

60" 20"

Maximum Design Pressure:

+/- 130 psf

This Aluminum Panel System is further limited as noted in installation drawing "AAP-900"

If you have any questions or need more information concerning this approval please contact me.

Thank you,

No 62354

Scott Wolters

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FL PE# 62354

CLÆSSTANT CURTAINWALLS, STOREFRONTS, & WINDOWS

JUN 0 5 2020

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

GENERAL NOTES

PRINTS ISSUED FOR

- REQUIREMENTS OF THE 2017 FLORIDA BUILDING, INCLUDING THE HVHZ PROVISIONS THIS SYSTEM HAS BEEN DESIGNED TO MEET ALL OF THE
- 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 IMPOSED BY THE PANEL SYSTEM AND TRANSFER THEM SAFELY TO METAL STUD SYSTEM MUST ADEQUATELY SUPPORT THE LOADS OVER WALL TYPES LISTED IN FBC SECTION 1626 4 THE METAL STUD WALL IS NOT A PART OF THIS SYSTEM. THE
- PRESSURE CANNOT EXCEED THE DESIGN PRESSURES LISTED ON THIS SHEET OR IN THE FASTENER CHARTS ON SHEETS 2-4. ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT THE BUILDING STRUCTURE DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL
- 5. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR THE CHEMICALS IN THE WOOD MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL
- 8. FASTENER EMBEDMENTS LISTED ARE BEYOND WALL DRESSING OR STUCCO FASTENERS IN METAL STUDS MUST FULLY PENETRATE THE STUD WALL WITH 3 ADDITIONAL THREADS 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
- 10. ALUMINUM EXTRUSIONS ARE 6063-T5 MIN 9. PANEL IS 1/8" (3mm) ALUMINUM PLATE, 3003-H14 ALLOY

DESIGN PRESSURE

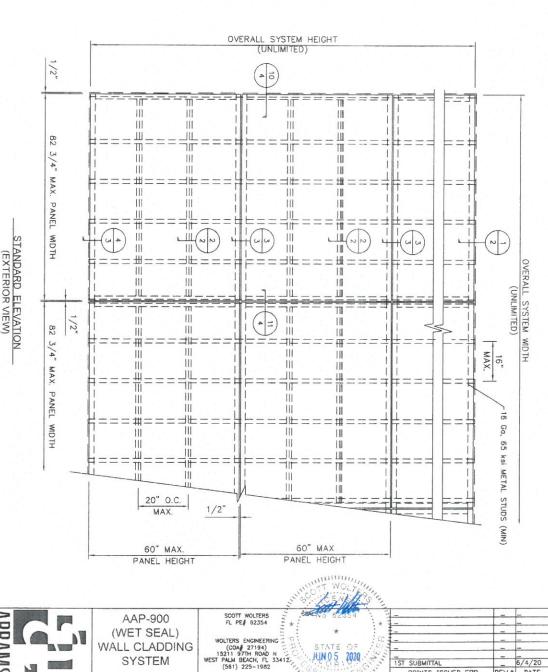
+/- 130 Psf

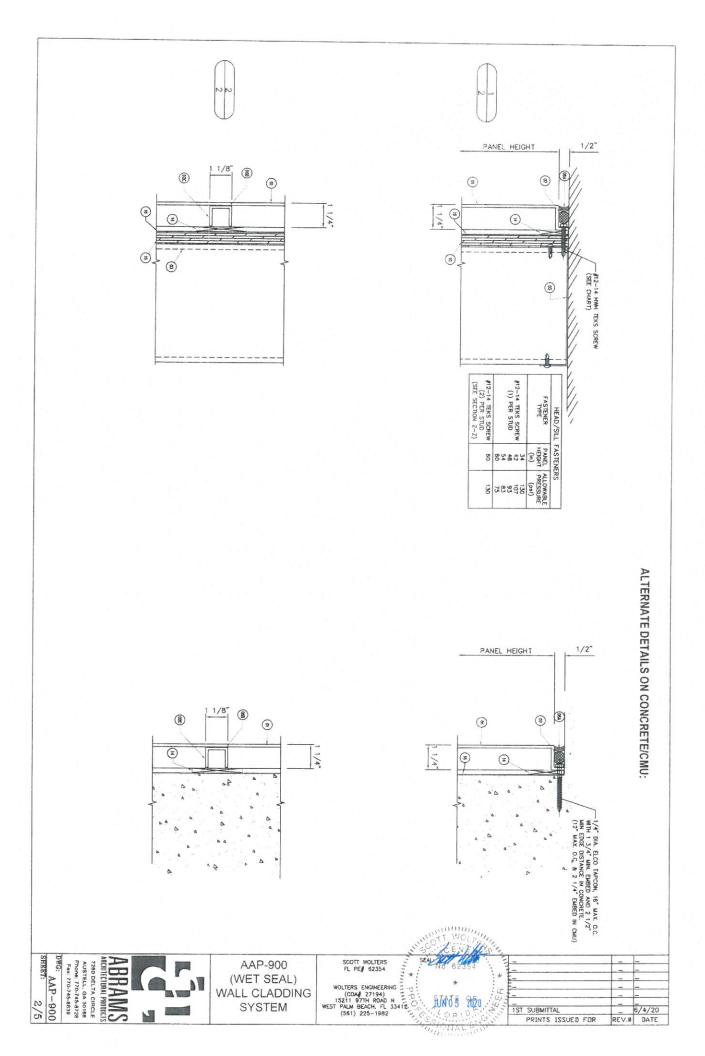
AAP-900

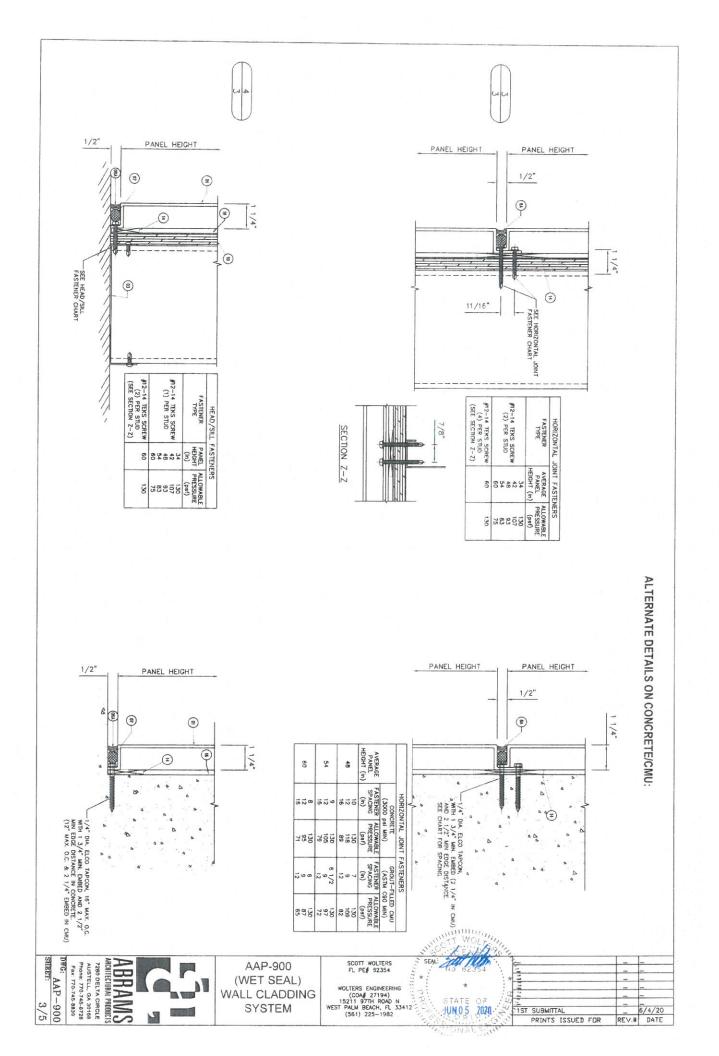
1/5

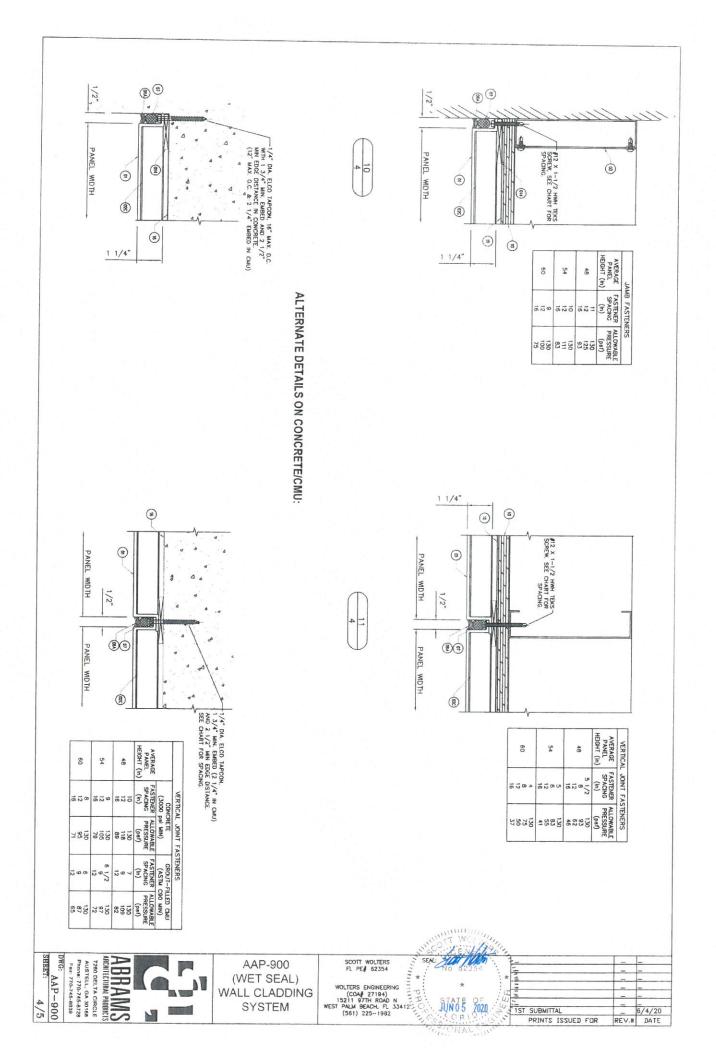
7280 DELTA CIRCLE AUSTELL, GA 30168 Phone: 770-745-8728 Fex: 770-745-8839

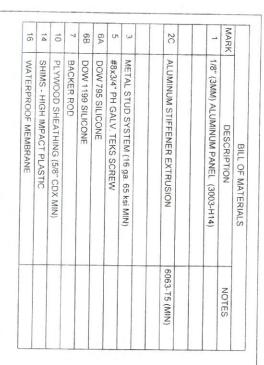
ARCHITECTURAL PRODUCTS

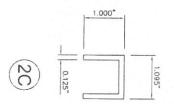














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FL PE# 62354

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