

SECTION I

Instructions to Offerors -- Amendment of Solicitation. The following instructions apply unless specified otherwise in an Exchange letter accompanying this amendment.

a. Offerors must acknowledge receipt of this amendment prior to the hour and date specified for receipt of proposals in the original solicitation, or the hour and date specified in this amendment if such has been amended. Offeror must acknowledge by one of the following means:

- (1) By signing and returning all except one copy of this amendment.
- (2) By acknowledging receipt of this amendment on each copy of the proposal submitted;
- (3) By separate letter or telegram which includes a reference to the solicitation and amendment number.

b. Proposals must be based upon and refer to the solicitation as amended. Unless an acknowledgment of this amendment is received by the contracting officer before the hour and date specified for receipt of proposals, offeror's proposal may be considered nonresponsive.

c. If you desire to revise a proposal previously submitted, such revision must be received prior to the hour and date specified for receipt of proposals enclosed in a sealed envelope addressed to the issuing office, with the name and address of the offeror and the solicitation number on the face of the envelope. Telegraphic proposals will not be considered unless authorized by the solicitation; however, proposals may be modified by telegraphic notice provided such notice is received prior to the time set for receipt of proposals. Telegraphic modifications should not reveal the amount of the original or of the revised proposal.

SECTION II

Instructions to Contractor -- Amendment of Contract.

Unless otherwise instructed, all except one copy of this amendment are to be executed by the person authorized to bind the firm contractually and returned to the contracting officer. The effective date will be the date the amendment is signed in block 6 by the contracting officer or the date(s) indicated in block 4, whichever is later.

Construct Shoppette/Gas/NBFF/Class Six at Tyndall AFB, FL

- 1.) The project solicitation denotes the requirement for a site investigation. Will there be an official (established) date and time for a pre-bid meeting/site visitation for the prospective bidders?
Answer: The solicitation cover letter states that you should not submit a proposal without making the site visit and that you should contact Jan Snell to make arrangements to visit the site. So, no there isn't an "official" time set-aside for you to visit the site, it is at your leisure.
- 2.) The noted cut-off for questions is ten (10) days prior to the bid due date. This is assumed to be calendar days versus business days. Please confirm.
Answer: You are correct; the 10 day cut off period is ten calendar days.
- 3.) The referenced project solicitation states that within 48 hours of the due date we must submit a complete 16 division breakdown of the project costs. Please confirm that what is specifically required in this instance is the presentation of the CSI division breakdown pricing coupled with the labor and material break-outs as listed on page 2 of form 4450-024.
Answer: The 16 division breakout costs are all the costs that are listed on page 6 of the 4450-024. Normally, the Contracting Officer will request a more detailed 16 division breakout from the contractor's that are within the competitive range. The cost usually includes all of your labor and material cost.
- 4.) The 48 hour time limit for submission of the additional (breakdown and break-out) pricing information is assumed to be based on a business day scenario. This inquiry is presented herewith due to the fact that the current bid date is set for a Friday, with the corresponding time limit placing said cost submission at mid-day on a Sunday. Please provide the actual due date and/or time frame applicable to this bid information submission.
Answer: This answer sort of relates to the answer that I provided for question number 3. If your proposal is within the competitive range, the Contracting Officer will request a 16 division break-out from you. The detailed 16 division breakout form and the due date/time for the form are normally given at that time.
- 5.) Form 4450-024 requests total project material and labor break-out costs. A third applicable category for said project work is 'subcontractor' costing. How is this aspect/component of the project sum to be handled?
Answer: The subcontractor's cost should be rolled up within the GC's total lump sum cost and should be reflected within the divisions on page 6 of the 4450-024.

- 6.) The bid day submission of pricing information appears to be limited to the total lump sum cost amount, the price for the specified option and the individual costs for each of the various unit prices. Please confirm.

Answer: Please review over the cover letter, it explains what needs to be submitted on the proposal due date. Page 6 will need to be completed in its entirety.

- 7.) The list of units prices shown on the bid form differ from that listed in revised specification section 01026 Unit Prices (see amendment #1). Item number 6 has three parts to same as noted in the referenced specification section but only a single line item on the bid form. Also, multi-part bid items 9 and 10 in the noted revised specification section are not listed on form 4450-024 page 2. Please clarify.

Answer: You are correct. The 4450-024 page 6 has been updated to reflect the unit pricing that is spelled out in spec section 01026.

- 8.) Specification section 01026 Unit Prices states that we are to include, as part of the contract base price, the cost for the removal and storage of 30,000 gallons of contaminated groundwater. It was also stated within this section that we are to include, in like manner, the cost of 25 separate tests required for the examination of said stored liquid. Please confirm the required inclusion of this scope of work items.

Answer: Yes this is true.

- 9.) Please confirm that bid option number 1 is in fact an additive item (not included in the base bid) versus simply a break-out number that is in fact contained within the base lump sum amount (ref. revised specification section 01030 Options).

Answer: Option 1 is an option and the cost of the work should not be included in the base bid. The cost should be separated.

- 10.) Specification section 01010 Summary of the Work (par. 1.14) denotes that all work of demolition and remediation of hazardous materials are not to be a part of the project contract scope of work. Section 01026 (par. 3.01, I, 3.) states that the contractor will be responsible for the removal and storage of 30,000 gallons of contaminated ground water. This appears to be somewhat in conflict with the previously noted (and excluded) scope of work description. Please clarify.

Answer: Section 01010 Summary of the Work (par. 1.14) refers to demolition of existing work. Section 01026 Unit Prices (par. 3.01, I, 3.) refers to groundwater encountered during excavation of new work.

- 11.) Specification section 02010 Special Site Conditions was revised via amendment #1 to include information related to project site contamination issues. As stated therein it was noted that the contractor will be responsible for the pumping, containment and testing of groundwater. It was also stated

within said section that if the noted water was found to be contaminated, the installation (owner) was responsible for its disposition and remediation. Please confirm these different scope of work responsibilities.

Answer: See Section 02200 Earthwork Para. 3.02-11

- 12.) Specification section 02200 Earthwork (par. 3.01, E.) states that earth fill is to replace undercut in the building area and in the future expansion area. The noted 'future expansion area' is not clearly defined on the drawings. Please provide the extent/size of same.

Answer: Delete par. 3.01, E

- 13.) Specification section 02200 Earthwork (par. 3.08, D.) requires the placement of a 4 inch granular drainage layer below all building/floor slabs. The architectural and civil drawings denote a 6" layer while the structural sheets show the same specified 4" thickness. Which depth of material is correct?

Answer: 6" is correct

- 14.) Specification section 02822 Chain Link Fences and Gates (Site Related) lacks information with regard to required accessories and finishes. See specification section 02821 Chain Link Fences and Gates (par. 2.02 and 2.03) for examples of the referenced information.

Answer: Section 02822 Chain Link Fences and Gates (site related) refers to temporary site fences and gates. There is no privacy accessory required. GC is to provide 5' tall temporary chain link fence at perimeter of site for protection of public. Locate access gates at temporary access shown on Sheet C302. Also provide chain link fence to separate Phase I area from remainder of site (to separate ongoing fuel sales area from other site work). Phase I fence will not be provided along Mall Lane side of site to permit access to dispensers and tanks. Locate additional gates as necessary. Relocate construction fence as required by phased construction sequence.

- 15.) Specification section 02921 Seeding (par. 3.06, B.) states to see section 01700 Execution Requirements for additional maintenance service requirements. The noted section is not contained in the current project manual. Please provide said section.

Answer: Delete 3.06.B and Refer to 306.C

- 16.) Specification section 02950 (par. 3.02) denotes requirements for a temporary access road and staging area. The extent/location of these temporary site work components is not delineated on the civil drawings. Please provide the intended location(s) and/or extent of same.

Answer: See Sheet C302 for location of temporary construction exit which is also the entrance. Staging area location is Contractor's option within the limits of disturbed area subject to installation approval.

- 17.) Specification section 07190 Water Repellents (par. 1.01) denotes applications for both CMU and stucco surfaces. Specific product information is provided for the required CMU materials but not for the stucco related applications. Please provide product data/information as applicable.

Answer: Water repellent products listed Section 07190 Water Repellents (par.2.02 B) will apply to stucco also.

- 18.) Specification section 07413 Metal Wall Panels and specification section 07426 Metal Composite Material Wall Panels are both contained in the project manual. The drawings do not clearly indicate the extent of either systems. Please clarify the intended scope of work (applications/locations) for each of the referenced systems.

Answer: Delete Section 07426

- 19.) Specification section 13048 Fuel Sales Canopy (par. 2.7) denotes that the signs and logos are to be furnished and installed by AAFES. Drawing T-11 shows some signage and graphic items as '(AF/AI)' and others as '(CF/CI)'. Please clarify.

Answer: All graphic pertaining to fuel canopy will be AF/AI

- 20.) Specification section 16118 Duct Bank (par. 1.03) includes language with regard to a unit price method of payment. Is this applicable and/or required for this project?

Answer: No unit pricing required for ductbanks.

- 21.) Specification section 16720 Security System contains various conflicts with regard to the demarcation between the base security contractor and the electrical contractor's scope of work requirements. Paragraph 1.01, B. states that all equipment will be furnished and installed by the base security system contractor, with the electrical contractor being responsible for the provision of associated raceways, supports, hardware and accessories. Paragraph 2.01, A. says that all security system equipment and components will be as recommended and furnished by this (electrical) contractor. Please clarify.

Answer: Security system to be furnished and installed by others. Contractor to provide raceways and boxes as shown.

- 22.) Drawings C101, P102 and E0.02 denote various items of work that would either involve statewide regulatory agencies and/or local utility providers. These scope of work/cost items include obtaining and paying for applicable permits (associated with the required adjustment of various monitoring wells and bio-injection points) as well as obtaining the actual utility-provider related cost for various natural gas and electrical service items. Have the noted authorities and utility providers been made aware of

these requirements (and/or have they been made privy to the bid documents for their own edification in order to provide applicable costs for same)?

Answer: It will be the General Contractors responsibility to submit bid documents to all statewide regulatory agencies and/or local utility providers. The responsibility of cost is outlined in the contract documents and will be borne by the GC.

- 23.) Drawing C201 includes a note related to the new air/water/vacuum units adjacent to the gasoline dispensing area. No other information regarding these systems is provided on the bid set of drawings or within the specifications.

Answer: Air/water/vacuum units are AF/CI. Contractor to furnish ¾" water line. Electrical requirements are on Sheet E1.01.

- 24.) Drawing C203 denotes a requirement to price some of the site paving and related components separately (option number 1 per specification section 01030). The various civil drawings do not indicate what the actual design will be in this area if these various site improvement/earthwork items are deleted from the project scope of work. Please clarify.

Answer: Price separation is for funding purposes only.

- 25.) Please confirm that the layout for the underground power and telephone services shown on the electrical site plan (ref. drawing E1.01) supersedes the general layout indicated on the site utility plan (ref. drawing C401).

Answer: Use Sheet E1.01 layout for the underground power and telephone services.

- 26.) Stainless steel trench drains and grates are noted and detailed on the plans (ref. drawings A101 and A301). Said components are neither listed nor described in specification section 05500 Metal Fabrications. Please provide applicable information related to these items (i.e. required finish, physical properties, etc.).

Answer: Detail D301 on Sheet A301 shows all necessary details.

- 27.) Concrete wheel stops are shown to be installed at the two handicap spaces adjacent to the main building entrance. Please provide details for same.

Answer: No detail is necessary. This is a FDOT standard precast wheel stop.

- 28.) The floor plan on drawing A101 includes several notes requiring the provision of a ¾" conduit placed 12" below soffit, capped at both ends. What is the material composition of the noted conduit, and what is the intended purpose for same?

Answer: Follow specifications 16100 for material. This is for AF/AI camera.

- 29.) The note on drawing A102 regarding the provision of uni-strut framing for ceiling hung items is clear with regard to the shown extent of track lighting on the reflected ceiling plan. The other portion of the equation (AAFES supplied hanging ceiling elements) is not clearly shown or defined. Please provide a listing of said elements for use in determining the extent of required sub-framing.

Answer: AAFES supplied hanging ceiling elements have been deleted from this project.

- 30.) The reflected ceiling plan (ref. drawing A102) indicates an exterior aluminum soffit at the building perimeter. It is assumed that the noted soffit should be provided as steel, and not aluminum, per the information contained in specification section 13121 Pre-Engineered Buildings. Please confirm.

Answer: The soffits will be aluminum. See Section 07463 Aluminum Soffits and Trim added (attached).

- 31.) Detail 4/A103 indicates the placement of 30 # felt below the metal roof panels. Is this material actually required, and if so, on what substrate should it be placed?

Answer: No felt required under standing seam roof. Provide felt only where 3/4" plywood substrate indicated at front entrance (wall section 3/A302).

- 32.) Who is responsible to furnish and install the wall-mounted handicap signs adjacent to the front building entrance (ref. drawing A201)?

Answer: General Contractor

- 33.) Exterior elevations denote two different locations that have a stucco cap integral with the exterior building wall. Please provide details for same.

Answer: See Supplemental Drawings 2 & 3 (attached)

- 34.) Architectural precast concrete components are shown on the building exterior elevations. The project manual does not currently contain a specification section for same. Please provide as applicable.

Answer: See Section 03450 Architectural Precast Concrete (attached)

- 35.) Various wall sections indicate a 9" thick engineered building insulation below the roof (ref. drawings A302 & A303). Specification section 13121 Pre-Engineered Buildings calls for a 6" thick insulation to be placed at the same area/location. Which requirement is correct?

Answer: 9" is correct

36.) The plan view of the dumpster enclosure indicates steel tube columns, yet the remainder of the details for this area denotes aluminum tube members (ref. drawing A304). Please clarify.

Answer: Aluminum tube members

37.) The isometric detail denotes insulated sandwich panels to be used at the return soffit condition (ref. drawing A304). Is this correct or should the noted areas receive the same materials as designed for the remainder of the perimeter soffits (i.e. pre-engineered metal building components)?

Answer: Detail has changed See Supplemental Drawing 4 (attached)

38.) A Blimpie accessory schedule of items is included on drawing A402. The noted listing does not include information related to who provides and/or installs the referenced components.

Answer: AF/AI

39.) The food service area finish schedule on sheet A402 includes a vinyl-faced ceiling tile system. Said design is not described/included in specification section 09511 Suspended Acoustical Ceilings.

Answer: This ceiling tile is called out on Sheet A402 "USG 3270" white vinyl faced scrubbable. This is a Blimpie's standard.

40.) Detail 2/A403 shows a framed wooden base at the metal lockers. Specification section 10500 Lockers indicates a manufactured metal base. Which is correct?

Answer: They are both correct locker will come with a metal base and will set wood platform.

41.) Please provide details and/or specifications for the metal coat rod installed below the metal lockers and the shelf located above the mop and broom rack (ref. drawing A403).

Answer: Metal coat rack is supplied by the locker manufacturer

42.) The finish schedule denotes certain areas to have integrally colored cast concrete (ref. drawing A600). Will the same locations also receive the specified polished concrete finish (ref. section 03357 Polished Concrete Floor Finishing). If not, where will the noted polished concrete and associated dye applications occur?

Answer: All areas that receive the ICCC will receive the polished concrete finish

43.) The equipment plan denotes the condensers for the freezer/cooler as 'contractor furnished/contractor installed' (ref. drawing EQ101). This scope of work designation appears to be in conflict with corresponding notes 6 and 7 on the same sheet. Please clarify.

Answer: Follow notes 6 & 7

- 44.) The interior plaque at the front entrance is noted as 'CF/CI' (ref. drawing EQ101). Specification section 10425 lists said item as being 'AF/CI'. Which is correct?

Answer: AF/CI

- 45.) The structural concrete notes state that concrete design strength shall be 3000 PSI (ref. drawing S001). Specification section 03300 Cast-In-Place Concrete requires 4000 PSI, while specification section 03345 Cast-In-Place Integral Colored Concrete denotes 3500 PSI as a requirement. Please clarify.

Answer: Use 3500 PSI

- 46.) The details for the dumpster enclosure foundations vary between the architectural (ref. A304) and the structural (ref. S001) drawings. It is assumed that the structural information shall govern. Please confirm and/or clarify.

Answer: Use detail on Sheet S001

- 47.) The electrical plans denote that the provider of inside communication work is to be Fairfield Communications (ref. drawing E0.01). What specific systems, associated components and scope of work is this firm responsible for with regard to this specific project? In like manner, are they the only approved provider of same?

Answer: See Section 16720

In like manner, are they the only approved provider of same?

Yes, but the correct name is Fairpoint. POC Jeff McGuire 850-283-3801

- 48.) Drawing E1.1 (note 4) includes information related to the installation of fiber optic cable for the new facility. Who (contractor or owner) will be responsible for this scope of work? If the contractor is required to perform said installation, please provide a layout and applicable details for same.

Answer: This will be done by Tyndall AFB Communications Squadron.

- 49.) Detail 6/T-7 denotes that this item (dispenser guard) is typical of six (6), yet other T-series drawings show a total of 12. Please clarify.

Answer: Typical of (6) six refers to the number of dispensers. There will be a total of (12) twelve dispenser guards.

- 50.) Drawing T-8 includes a bill of materials chart/schedule that denotes various required components. The dispenser island form is listed as stainless steel, yet the fuel canopy plan (ref. drawing T-11) indicates the requirement to field paint these items. Please clarify.

Answer: Stainless steel

51.) Drawing T-11 denotes both three (3) and four (4) fire extinguishers and cabinets at the fuel dispensing area. Which quantity is correct?

Answer: *Three (3)*

Delete the proposal section on page 2 of the AAFES Form 4450-24 and use the following:

PROPOSAL

Offerors shall enter in the space below a Total Lump Sum Cost proposal.

TOTAL LUMP SUM COST PROPOSAL. _____

The offeror must furnish the following itemized work division cost break-out, and a break-out of total labor and total material, with the proposal or furnish it if and when required by the contracting officer.

DIV NO.	DIVISION TITLE	PROPOSED (\$ COST	DIV NO.	DIVISION TITLE	PROPOSED (\$ COST
1	General Requirements		9	Finishes	
2	Site Work and Utility		10	Specialties	
3	Concrete		11	Equipment	
4	Masonry		12	Furnishings	
5	Metals		13	Special Construction	
6	Carpentry		14	Conveying System	
7	Moisture Protection		15	Mechanical	
8	Doors, Windows, Glass		16	Electrical	

Total Labor Breakout: _____

Total Material Breakout: _____

In the event of conflict between the total lump sum cost proposal and either the total of the labor and material break-outs or the total of the itemized work division break-out, the total lump sum cost proposal will control.

OPTIONS, ALTERNATES AND/OR UNIT PRICES: If options, alternates and/or unit prices are identified in this solicitation, enter prices(s) in the space below.

	PRICE(S) \$		PRICE(S) \$
Option 1 – 180 calendar days (6 months) <i>(Spec Section 01030)</i>		Paving – Per drawing C203 <i>(Spec sections 02511, 02513, and 02580)</i>	

Unit Price Items

1. Unsuitable Materials Removal (Spec Section 01026, Para 3.01.A) (\$ _____ Unit price per CY)	N/A	6b. Trench Backfill (Spec Section 01026, Para 3.01.F) (\$ _____ Unit price per CY)	N/A
2. Crushed Stone (Spec Section 01026, Para 3.01.B) (\$ _____ Unit price per CY)	N/A	6b. Select Fill (Spec Section 01026, Para 3.01.F) (\$ _____ Unit price per CY)	N/A
3. Mass Earth Excavation (Spec Section 01026, Para 3.01.C) (\$ _____ Unit price per CY)	N/A	7. Topsoil (Spec Section 01026, Para 3.01.G) (\$ _____ Unit price per CY)	N/A
4. Trench Earth Excavation (Spec Section 01026, Para 3.01.D) (\$ _____ Unit price per CY)	N/A	8. Sodding (Turf) (Spec Section 01026, Para 3.01.H) (\$ _____ Unit price per SY)	N/A
5. Hand Earth Excavation (Spec Section 01026, Para 3.01.E) (\$ _____ Unit price per CY)	N/A	9. Removal of Storage Contaminated Groundwater during Dewatering (Spec Section 01026, Para 3.01.I) (\$ _____ per gallon) Deduct per gallon for qty(s) less than 30,000 gallons (\$ _____ per gallon) Add per gallon for qty(s) exceeding 30,000 gallons	N/A
6a. Compacted Earth Fill (Spec Section 01026, Para 3.01.F) (\$ _____ Unit price per CY)	N/A	10. Testing of Ground Water during Dewatering (Spec Section 01026, Para 3.01.J) (\$ _____ One test per container) Credit on a per test basis for fewer than 25 test. (\$ _____ One test per container) Extra on a per test basis for tests in excess of 25.	N/A

AMENDMENTS TO SOLICITATION/CONTRACT: (Unless otherwise acknowledged in accordance with AAFES 4400-18, acknowledge the amendment(s) by identifying the number and date below.)

OFFEROR:

SECTION 03450
ARCHITECTURAL PRECAST CONCRETE

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Architectural precast concrete caps.

1.02 RELATED REQUIREMENTS

- A. Section 07900 - Joint Sealers: Perimeter joints with sealant and backing.

1.03 REFERENCE STANDARDS

- A. ACI 301 - Specifications for Structural Concrete for Buildings; American Concrete Institute International ; 2010.
- B. ASTM A36/A36M - Standard Specification for Carbon Structural Steel ; 2008.
- C. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware ; 2009.
- D. ASTM A307 - Standard Specification for Carbon Steel Bolts and Studs, 60 000 PSI Tensile Strength ; 2010.
- E. ASTM A563 - Standard Specification for Carbon and Alloy Steel Nuts ; 2007a.
- F. ASTM A563M - Standard Specification for Carbon and Alloy Steel Nuts [Metric] ; 2007.
- G. ASTM A615/A615M - Standard Specification for Deformed and Plain Billet-Steel Bars for Concrete Reinforcement ; 2009b.
- H. ASTM C33 - Standard Specification for Concrete Aggregates; 2011.
- I. ASTM C150 - Standard Specification for Portland Cement; 2011.
- J. ASTM C260 - Standard Specification for Air-Entraining Admixtures for Concrete; 2010a.
- K. ASTM C979 - Standard Specification for Pigments for Integrally Colored Concrete; 2010.
- L. PCI MNL-117 - Manual for Quality Control for Plants and Production of Architectural Precast Concrete Products; Precast/Prestressed Concrete Institute; 2007.
- M. PCI MNL-135 - Tolerance Manual for Precast and Prestressed Concrete Construction; Precast/Prestressed Concrete Institute; 2000.

1.04 SUBMITTALS

- A. See Section 01300- Submittals, for submittal procedures.
- B. Product Data: Manufacturer's information on product, including accessory products, pigments, admixtures, inserts, plates, etc.
- C. Fabricator qualifications.

1.05 QUALITY ASSURANCE

- A. Fabricator Qualifications:
 - 1. Firm having at least 5 years of documented experience in production of precast concrete of the type required.
 - 2. Plant certified under Precast/Prestressed Concrete Institute Plant Certification Program; product group and category A1 - Architectural Precast Concrete.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Handling: Lift and support precast units only from support points.
- B. Blocking and Lateral Support During Transport and Storage: Use materials that are clean, non-staining, and non-harmful to exposed surfaces. Provide temporary lateral support to prevent bowing and warping.
- C. Protect units to prevent staining, chipping, or spalling of concrete.
- D. Mark units with date of production in location that will be concealed after installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Architectural Precast Concrete:
 - 1. Any manufacturer holding a PCI Group A Plant Certification for the types of products specified; see www.pci.org.

2.02 REINFORCEMENT

- A. Reinforcing Steel: ASTM A615/A615M Grade 40 (280).
 - 1. Deformed billet-steel bars.
 - 2. Unfinished.

2.03 CONCRETE MATERIALS

- A. Cement: ASTM C150, Type I - Normal Portland type.
- B. Fine and Coarse Structural Aggregates: ASTM C33.
- C. Surface Finish Aggregate: Conforming to sample in office of Architect.
- D. Color Additives: Pure, concentrated mineral pigments specifically intended for mixing into concrete and complying with ASTM C979.
 - 1. Concentration: Base dosage rates on weight of Portland cement, fly ash, silica fume, and other cementitious materials but not aggregate or sand.
- E. Water: Clean and not detrimental to concrete.
- F. Air Entrainment Admixture: ASTM C260.
- G. Grout:
 - 1. Non-shrink, non-metallic, minimum 10,000 psi (70 MPa), 28 day strength.
 - 2. Epoxy.

2.04 ACCESSORIES

- A. Bearing Pads: High density plastic; Neoprene, (Chloroprene), Tetrafluoroethylene (TFE) 1/8 inch (3 mm) thick, smooth both sides.
- B. Sealant: Silicone type specified in Section 07900.

2.06 FABRICATION

- A. Fabricate in conformance with PCI MNL-117 and PCI MNL-135.
- B. Use rigid molds, constructed to maintain precast unit uniform in shape, size, and finish.
- C. Maintain consistent quality during manufacture.
- D. Cure units to develop concrete quality, and to minimize appearance blemishes such as non-uniformity, staining, or surface cracking.

2.07 FABRICATION TOLERANCES

- A. Conform to PCI MNL-117 and PCI MNL-135, except as specifically amended below.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that building structure, anchors, devices, and openings are ready to receive work of this section.

3.02 ERECTION

- A. Erect units without damage to shape or finish. Replace or repair damaged panels.
- B. Erect units level and plumb within allowable tolerances.
- C. Align and maintain uniform horizontal and vertical joints as erection progresses.
- D. Seal perimeter and intermediate joints in accordance with Section 07900.

3.03 TOLERANCES

A. Erect members level and plumb within allowable tolerances. Conform to PCI MNL-135 .

END OF SECTION

SECTION 07463

ALUMINUM SOFFITS AND TRIM

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Aluminum soffit.
- B. Aluminum trim.

1.02 RELATED SECTIONS

- A. Section 01355 - LEED Certification Procedures: LEED credits relating to regionally-sourced and recycled-content materials.
- B. Section 01600 - Product Requirements: LEED-related product requirements.
- C. Section 05400 - Cold Formed Metal Framing: Framing and sheathing.

1.03 SUBMITTALS

- A. See Section 01300 - Submittals, for submittal procedures.
- B. Product Data: Manufacturer's standard printed product data and installation instructions for specified products.
- C. Selection Samples: Submit two sets of color chips of manufacturer's full range of colors for Contracting Officer's Representative's selection.
- D. Verification Samples: Submit three samples, each 12 inches in length, of each specified product in specified color.
- E. LEED Submittals/Reports: Provide LEED-related product information as required to support LEED certification goals of Project.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to project site in original packaging.
- B. Store products in original packaging, on flat surface under cover, stacked no more than 12 boxes high.

1.05 WARRANTY

- A. Provide manufacturer's lifetime limited warranty.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Acceptable Manufacturer: Alcoa Building Products, Inc, Sidney, OH, phone 800-962-6973; www.alcoahomes.com.
- B. Substitutions: See Section 01600 - Product Requirements.

2.02 ALUMINUM SOFFIT PANELS

- A. Aluminum Soffit: Equivalent to Alcoa "Traditional Select Series Soffit."
 - 1. Style: Single 6 inch wide profile panels, 3/8 inch deep, with 5.5 inch wide face forming V-groove.
 - 2. Thickness: Nominal 0.019 inch; aluminum alloy 3105-H26P.
 - a. Minimum Tensile Strength: 28,000 psi.
 - b. Minimum Yield Strength: 25,000 psi.
 - 3. Interlocking edges and elongated nailing hems.

4. Finish: Alumalure 2000; two-phase operation including corrosion-inhibiting primer and baked-on high-performance acrylic topcoat.
5. Color: As selected from manufacturer's full line.
6. Supply ventilating type soffit material having perforations: 1/16 inch diameter holes on 5/32 inch staggered centers in a uniform 5 inch wide pattern along entire panel length.
 - a. 6-Inch Wide Panel: 7.5 square inches per linear foot net free area.

2.03 ACCESSORIES

- A. Accessories: Aluminum of same thickness, finish, and color as soffit.
 1. Starter Strips.
 2. J-Channels.
 3. General Purpose Trim.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine substrate conditions before beginning installation of soffit products; verify dimensions and acceptability of substrate.
- B. Do not proceed with installation until unacceptable conditions have been corrected.

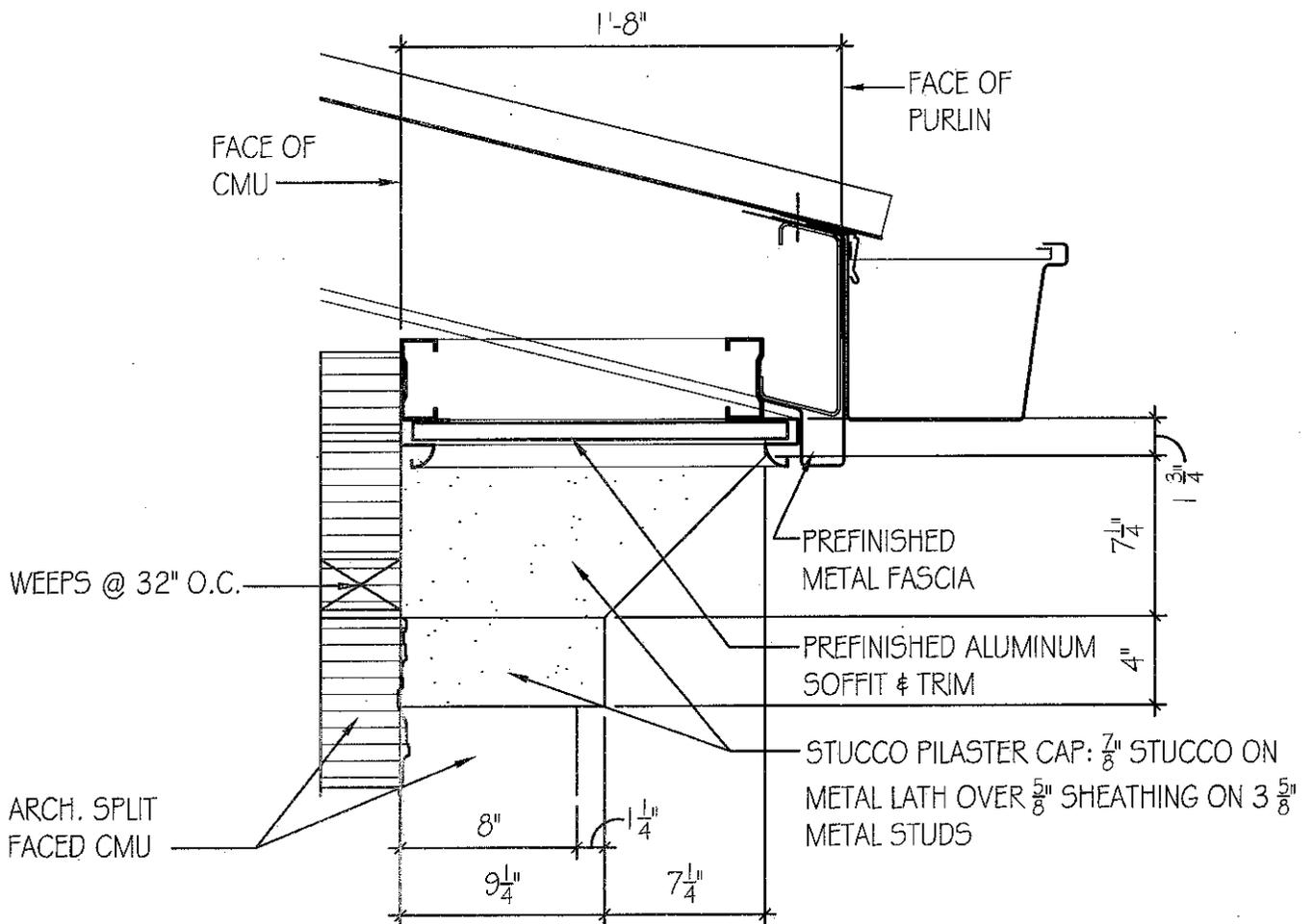
3.02 INSTALLATION

- A. Install in accordance with manufacturer's printed installation instructions.
- B. Attach panels to substrate interlocked and lapped for weathertight installation, nails concealed; install horizontal components true to level and vertical components true to plumb.
- C. Paint or otherwise protect dissimilar metals in contact.

3.03 ADJUSTING AND CLEANING

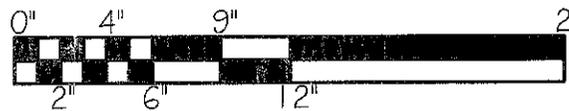
- A. Clean dirt from surface of installed products, using mild soap and water.
- B. After completing installation, remove from project site excess materials and debris resulting from installation.

END OF SECTION



STUCCO PILASTER CAP DETAIL

SCALE: 1 1/2" = 1'-0"

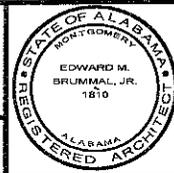


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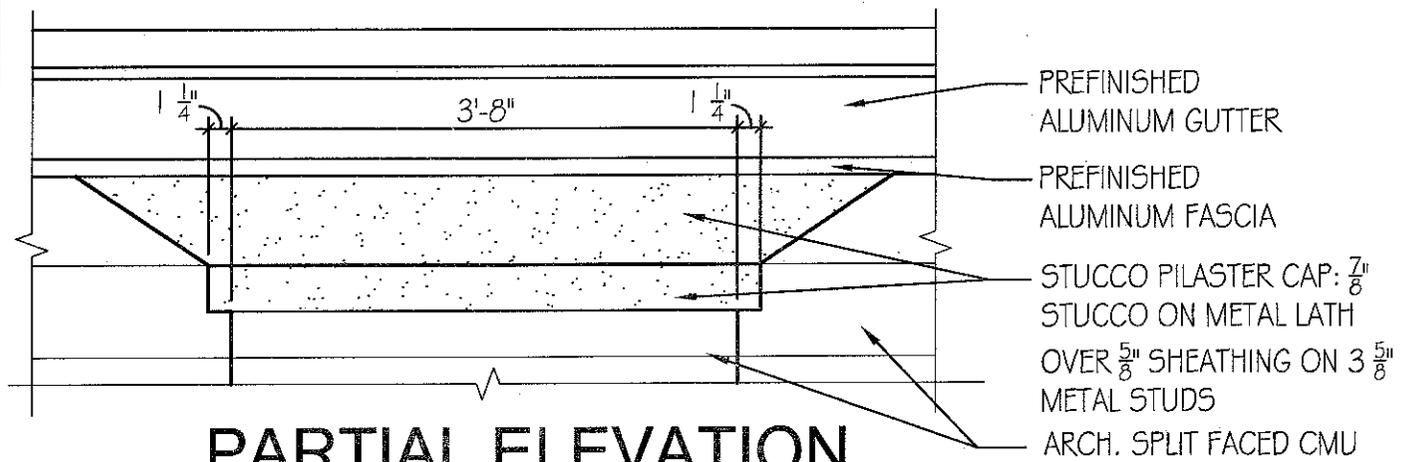
TYNDALL AFB CONSTRUCT SHOPPETTE/ FOOD/ CLASS 6/ GAS



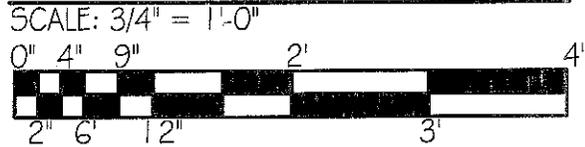
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PWBA ARCHITECTS, INC.

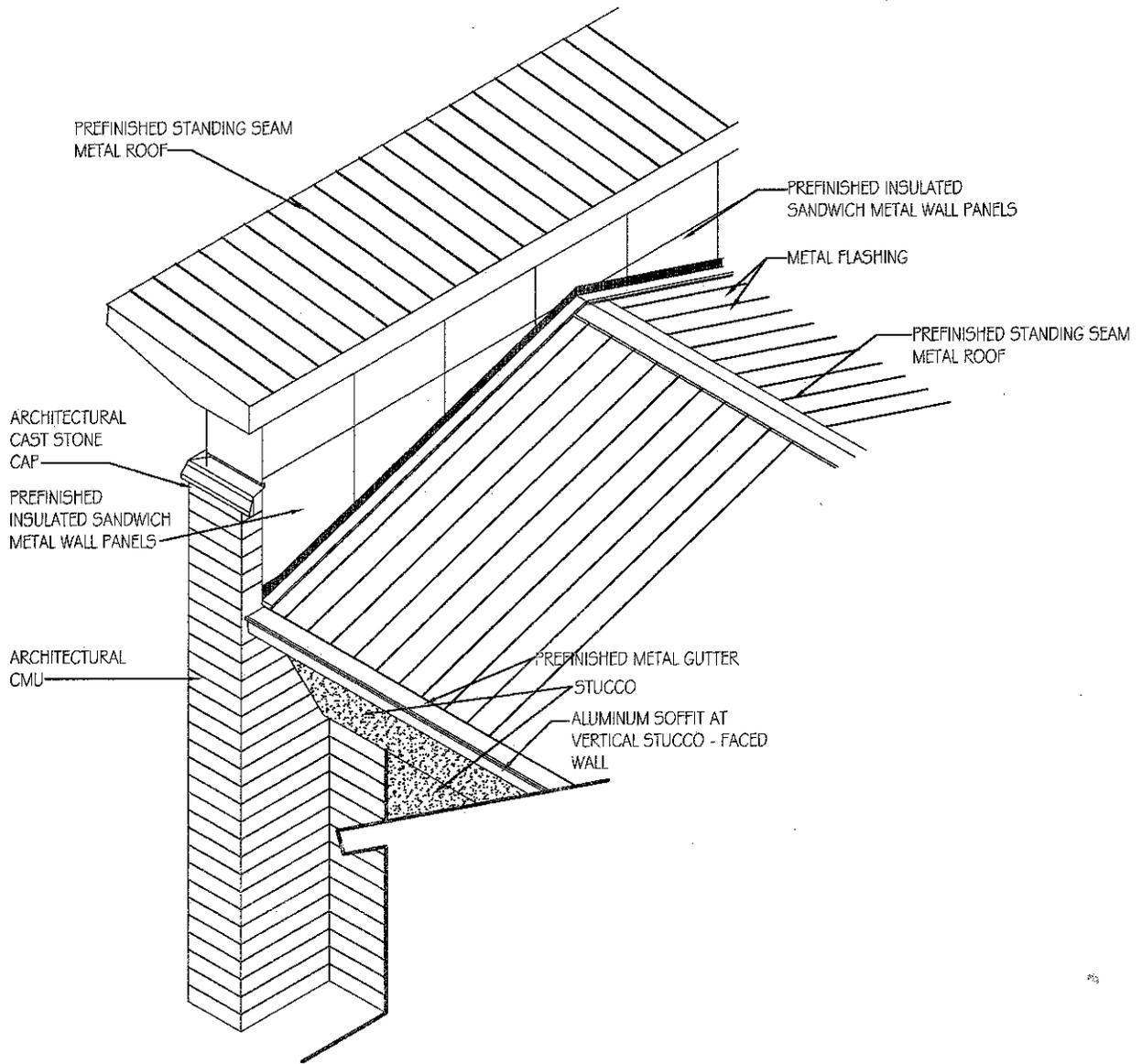
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**PARTIAL ELEVATION
AT PILASTER CAP**



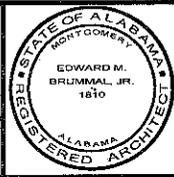
Drawn DEB Checked EMB Date: 09/18/2012 Proj: 290507 Rev: Rev:	<p>TYNDALL AFB CONSTRUCT SHOPPETTE/ FOOD/ CLASS 6/ GAS</p> <p>PWBA ARCHITECTS, INC. 529 S. Perry Street - Suite 15 - Montgomery, Alabama (334) 244-4890</p>	<p><i>Real Estate Directorate</i></p>	Sheet SUP3 Sequence of
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 @ VESTIBULE 109
 NOT TO SCALE

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Rev:	
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