

**DEPARTMENT OF MILITARY AFFAIRS
CFMO CONTRACTING BRANCH
ISSUED ADDENDUM**

October 22, 2013

ADDENDUM # TWO

Project # FMO 212041

Project Name: Cecil Field Building 1822 Renovation

FROM: Department of Military Affairs, CFMO Contracting Branch

This addendum and the listed attachments forms a part of the contract documents and modifies the original bidding documents dated 09 September 2013. Acknowledge receipt of this addendum in your Exhibit 4 Bid Proposal form.

Any concerns with this addendum should be addressed to ng.fl.flarng.list.ngfl-cfmo-contracting@mail.mil

The following addendum consists of 15 pages total including this page.



ADDENDUM NUMBER TWO

October 22, 2013

Re: **Florida Army National Guard**
Project: Cecil Field Building 1822 Renovations
Project Number: 212014
Jacksonville, Florida

This addendum forms a part of the contract documents and modifies the original bidding documents as noted below. Acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so may subject bidder to disqualification.

General:

- **Bid Date and Time:** The bid date and time has not changed.

Drawings:

- **Drawing C4.0:** Delete note #20 on drawing C4.0. There is no Geotechnical Report available.
- **Drawing D2.1:** Revise the drawing to show the existing door frames for doors 104A, 104B, 105, 109A, 109B, 111A, 111C, and 119B to remain. These door frames do not require demolition. The contractor shall remove any corrosion on these door frames and patch, repair and repaint these frames. New doors shall be installed in these existing frames.
- **Drawings D2.1 and D2.2 – Clarification:** Remove the existing copper ground wiring, smoke/heat detectors and conduit and fire sprinkler system all located below the raised computer access flooring that is to be removed, typical on the first and second floors.
- **Drawing D2.2:** Remove the walls on the second floor that are in the raised floor area at the center of the building currently shown around the perimeter of Telephone 233, Office 234, Office 235, Office 236, the east wall of corridor 219 extending from Office 225 up to and including Office 223 and the south wall of Breakroom 238. These walls currently extend down to the subfloor below the computer access flooring.
- **Drawing A2.2:** Install new walls where the walls described above where removed. Specifically, construct new walls around the perimeter of Telephone 233, Office 234, Office 235, Office 236, the east wall of corridor 219 extending from Office 225 up to and including Office 223, and the south wall of Breakroom 238. These walls shall be wall type "O". Provide new hollow metal door frames and wood doors (from the salvage inventory) at Telephone 233, Office 234, Office 235, and Office 236. These doors will be placed in the same location as the current drawing is indicating the existing door locations.
- **Drawing A2.2:** Correct the drawing detail cut on sheet A2.2 Plan that currently indicates 1/A5.4 to correctly indicate 1/A5.6.
- **Drawing A2.2:** Revise the drawing to show the existing door frames for doors 104A, 104B, 105, 109A, 109B, 111A, 111C, and 119B to remain. These door frames do not require demolition. The contractor shall remove any corrosion on these door frames and patch, repair and repaint these frames. New doors shall be installed in these existing frames.

- **Drawing A2.3:** Clarification - The suspended acoustical ceiling that is located in Storage Room 111 at 12 feet above finished floor will extend over the top of the vault. There will be no lights in this ceiling above the vault area. The top of the roof of the proposed vault will be 8'-10" above finished floor (to be confirmed with the actual model selected).
- **Drawing A5.3:** Replace this drawing with the new drawing A5.3 which is included in this addendum. This new drawing indicates a completely new vault assembly.
- **Drawing A6.6 – Interior Elevation 1/A6.6 – Clarification:** The “Minute-man” plaque is to be provided and installed by the general contractor. For the purposes of this bid include a \$4,500.00 allowance in your bid to account for the material, delivery and installation of this plaque. Provide blocking in wall behind plaque as required to support the plaque.
- **Drawing A7.1:** Correct the drawing detail cut on sheet A7.1 Plan Detail 1 that currently indicates 6/A7.7 to correctly indicate 6/A9.3 and 7/A9.3.
- **Drawings A8.1 and A8.2 First and Second Floor Door Schedules:** Delete all indications of wood door frames. All new door frames are to be welded hollow metal frames.
- **Drawing A8.1 Door Schedule:** Revise this drawing to show the existing door frames for doors 104A, 104B, 105, 109A, 109B, 111A, 111C, and 119B to remain. These door frames do not require demolition. The contractor shall remove any corrosion on these door frames and patch, repair and repaint these frames. New doors shall be installed in these existing frames.
- **Drawing A8.2, Door Schedule:** Provide new hollow metal door frames and wood doors (from the salvage inventory) at Telephone 233, Office 234, Office 235, and Office 236. These doors will be placed in the same location as the current drawing is indicating the existing door locations.
- **Drawings A9.1 – Details 3 and 6, and Drawing A9.2 – Detail 3:** All window stools shall be solid surface window stools and shall be Basis-of-Design Zodiac color “Snow Flurry.”
- **Drawings A9.1 and A9.2 – Window Details:** Revise Architectural drawings A9.1 and A9.2 where the typical storefront window details indicate 1/8" thick hemmed brake metal as follows: Change the thickness of the brake metal from 1.8" to a maximum thickness of .060".
- **Drawings S2.4 – Detail 7/S2.4:** Delete the indication to remove the embedded steel angles. The steel trench cover plate will be removed and salvaged for reinstallation. The existing embedded steel angles will remain. These angles are located approximately 1/4 inch below the top of the finished floor. Infill the trenches as indicated in the structural drawings up to 1/4 inch below finished floor or flush with the top of the steel angles. After the concrete has cured, replace the steel plate trench covers and tack weld them into place. Install continuous floor sealant at the joints between the steel floor plate and the concrete edge prior to coating the floor.
- **Drawing P2.1:** Disregard note #3 on drawing P2.1. The location of the manhole is shown on civil drawing C2.0.
- **Drawing E8.2:** Electrical Details 10A, 10B, and 10C: Change “Category 6E” to “Category 6.”
- **Drawings E5.1 and E5.2:** Change text on graphic scale from “ 3/32” = 1’ ” to “ 1/16” = 1’ ” to match the scale shown as part of the drawing title.

Specifications:

- **Specification Section 064116 – 1.3-A:** Delete the requirement for millwork shops to be Certified Participants in AWI’s Quality Certification Program.
- **Specification Section 075216 SBS Modified Bituminous Roofing:** Add the following information to the specification for the roof traffic mats. Walktread: A prefabricated, puncture resistant polyester core reinforced, polymer modified bitumen sheet material topped with a ceramic-coated granule wearing surface. Thickness: 0.217 in (5.5 mm). Weight: 1.8 lb/ft² (8.8 kg/m²). Width: 30 in (76.2 cm). Basis of Design: Paratread Roof Protection Material by Siplast; Irving, TX.

- **Specification Section 084113 1.4 – B-6 Condensation Resistance (CRF):** Revise this section to require an overall Condensation Resistance factor of 59 (60 for frame and 72 for glass) per AAMA 1503 testing and product data sheets.
- **Specification Section 084113 1.4 – B-8 Sound Transmission Class:** Delete Section 084113 1.4 – B-8 Sound Transmission Class criteria.
- **Specification Section 084113 1.4 – B-10:** Delete Section 084113 1.4 – B-10 Structural performance where it is referencing “weld compliance” for dual moment load testing. The specified product does not have any welded construction and is not subject to dual moment loading since they are fixed windows.
- **Specification Section 084113 2.3 – A-2:** Delete Section 084113 – 2.3 – A-2 – Storefront framing line item 2 where it is referencing Blast Mitigation. This project is not a blast mitigation project.
- **Specification Section 101100 –** The following is a schedule delineating the sizes of the markerboards and tack boards:
 - Computer Classroom 116: Marker Board – (1) – 12’-0” wide x 4’-0” tall.
 - Office 117: Marker Board – (1) – 8’-0” wide x 4’-0” tall.
 - Office 118: Marker Board – (1) – 8’-0” wide x 4’-0” tall.
 - Office 119: Marker Board – (2) – 8’-0” wide x 4’-0” tall.
 - Office 120: Marker Board – (1) – 8’-0” wide x 4’-0” tall.
 - Office 121: Marker Board – (1) – 8’-0” wide x 4’-0” tall.
 - Recruit. 126: Marker Board – (1) – 8’-0” wide x 4’-0” tall.
 - Drill Hall Room 129: Sliding Marker Boards – (4) – 16’-0” wide x 4’-0” tall.
 - Conference 204: Sliding Marker Boards – (2) – 16’-0” wide x 4’-0” tall.
 - S-4 Logistics 206: Marker Board – (1) – 16’-0” wide x 4’-0” tall.
 - Staff Planning: Marker Board – (1) – 16’-0” wide x 4’-0” tall.
 - Physician’s Office: Marker Board – (1) – 12’-0” wide x 4’-0” tall.
 - Offices 214, 215, 216, 220, 221, 222, 223, 224, and 225: Each to have (1) – 6’-0” wide x 4’-0” tall.
 - Classroom 241: Sliding Marker Board – (1) – 20’-0” wide x 4’-0” tall.
 - Offices 230, 231, and 232: Add (1) 6’-0” wide x 4’-0” tall marker board to each of these offices.
- **Specification Section 101200 – 2.2 C:** Revise the glazing to indicate 1/4 inch thick tempered glass, not acrylic. Clarification – Each Display Case (drawing designation BB) shall be 8’-0” wide x 4’-0” tall. Add one (1) 8’-0” wide x 4’-0” tall display case on the north wall of Work Room 240.
- **Specification Section 104413:** Add the specification section 104413 shown at the end of this addendum. Provide new fire extinguisher cabinets. The existing cabinets are to be demolished.
- **Specification Section 104416:** Add the specification section 104416 shown at the end of this addendum. Provide new fire extinguishers as indicated in the attached specification. Deliver the existing extinguishers to the Owner.
- **Specification Section 139110:** Revise the specification to include the following information: Provide design, delivery, and installation of Federal Specification GSA AA-V-2737, Amend. 3 approved and certified new modular vault system. The two existing vaults in Building 1822 are to be demolished and removed and will not be salvaged. The modular vault is referenced in DoD 5100.76-M Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives, AR 190-11, DoD 5200.01 Vol. 3 Information Security Program: Protection of Classified Information and various other manuals and regulations. Concrete vault system, Type II, Style B (five-sided) meeting GSA Specification AA-V-2737, Amend.1-3. The design includes a standard interior ceiling height of 8’-0”. The GSA AA-V-2737 system is a reinforced concrete product. All connections are from the interior of the vault system. The vault system will be a five-sided system. The vault wall panels will be installed directly on top of

the existing slab and all panels are 4" thick. Forklifts are needed for the offloading, staging and installation. The vault panels will be welded together. The vault panels and vault door shall be provided by the same manufacturer. A 40" wide x 78" high GSA Class-5 (A) single leaf vault door meeting Federal Specification GSA AA-D-600D shall be included for pedestrian access. A wire mesh daygate with issue port shall also be included. The Basis-of-Design vault as described above is available from Custom Vault Corporation, Contact: Sonia M. White, Director, Government Sales, Phone 203-403-4290, Fax 203-798-8109, e-mail: smwhite@customvault.com.

- **Specification Section 123661 – 2.1:** Add Window Stools shall be solid surface window stools and shall be Basis-of-Design Zodiac color "Snow Flurry."
- **Specification Section 271005 – Telephone and Internet Technology Cabling Standards:** Change "Category 6E" to "Category 6."

Questions and Responses:

- **Question:** *Please clarify if the paving on the west side of the property is to be asphalt as indicated by the dark shading on drawing C2.0 and the notes referring to existing pavement on detail 1/C3.0. I seem to remember you indicating at the pre-bid walk-thru that this was going to be concrete paving. Although there is a specification for concrete paving, there are no details on the drawings indicating such, nor is there any reinforcement scheduled for concrete paving. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Per the drawings the pavement on the west side will all be asphalt with the exception of the concrete in front of the dumpster (which is the HD concrete detail on sheet C3).

- **Question:** *Is it possible that the existing limerock base and compacted subgrade is a suitable underlayment for either type of pavement determined in the above question #1? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: This can be reviewed during construction once this material is exposed. However, for the purposes of this bid, all existing pavement areas being re-graded and all new pavement areas will require new base products with confirming sections / compaction requirements.

- **Question:** *Can you furnish a geotechnical report as indicated in note #20 on drawing C4.0? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *It appears that enlarged plan tag 1/A5.4 on the north side of the building on drawing A2.2 should be labeled 1/A5.6. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *It appears that cut 6/A 7.7 at the exterior door of corridor 219 on enlarged plan 1/ A7.1 should be labeled 6/A9.3 and 7/A9.3. It was very difficult to find where the canopy (specified as protective covers) was located on this project. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *Please provide the manhole location and sanitary routing to it according to note # 3 on drawing P2.1. We were not furnished the existing construction drawings referenced in the demolition notes on drawing P1.1. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *Regarding the qualification for millwork shops as listed in 1.3 (A) of division 6, “ Certified participant in AWI’s quality Certification Program. Will this be waived for shops who have the qualifications to fabricate cabinetry but are not members of the AWI Institute. This requirement eliminates 95% of the millwork shops. We have been in the millwork business for more that 20 years. I am attaching a letter outlining our qualifications and past experience. Can we be accepted as a millwork sub? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the specification section.

- **Question:** *We are curious where the need to be a Mechanical Contractor (only) for this project came from since it’s not the norm for any project much less a Public project like this. Typically, the plumber would do the gas piping which is on his plans anyway. We’re a Class A licensed HVAC contractor and Veteran Owned. Ronald Schwend, Certified Air Contractor, Inc., Phone: (904)389-7950.*

Response: From Scott Rosch, Mechanical Engineer: We have a complicated LEED project with a significant level of chiller and boiler plant complexity and are therefore requiring the highest level of contractor licensure offered by the State of Florida. This is done in an effort to minimize the potential for problems from marginally qualified contractors that may be better suited for less complicated projects more typical of the commercial marketplace. This approach is considered to be in the best interest of the Owner for this particular public project and offers an adequate level of competition, and in no way is meant to be a reflection of or restriction to any particular company. Comply with construction document requirements.

- **Question:** *Gentlemen, We are going to bid the helical pier part of this project. Do you have any geotechnical boring data? Is the cited 5 ton capacity a design capacity or ultimate? Please advise. Bill C. McMahan Jr. P.E., Principal Engineer/ Vice President, Foundation Systems, Phone: (904)241-4425.*

Response: From Jude Kostage, Structural Engineer: As per general note 240.1, the 5 ton load is an allowable load. There is no geotechnical report for this specific building. However attached is a boring log for a building in the vicinity.

- **Question:** *Reference: Specification section 084113 Aluminum framed Storefronts, subsection 1.4 Performance Requirements – 084113 1.4.6 Condensation Resistance data specified is not in conformance with YKK’s Documentation (Product data sheets or Test reports) for Condensation Resistance for the YHS50-TU product which is the basis of design. Per AAMA 1503 testing and product data sheets the YHS50-TU has an overall Condensation Resistance factor of 59 (60 for frame and 72 for glass). The specification is calling for a 68 for frame and 70 for glass. The specified factor of 68 is not achievable with the specified product. Gary Weeks, Vice President, Sauer Incorporated, Phone: (904)262-6444 Ext. 314.*

Response: Refer to information above under the specification section.

- **Question:** *Reference: Specification section 084113 Aluminum framed Storefronts, subsection 1.4 Performance Requirements – 084113 1.4.8 Sound Transmission Class. The specified product as basis of design, that being YKK YHS50-TU carries NO sound transmission class data and has never been tested for STC performance as a whole window. Gary Weeks, Vice President, Sauer Incorporated, Phone: (904)262-6444 X314.*

Response: Refer to information above under the specification section.

- **Question:** *Reference: Specification section 084113 Aluminum framed Storefronts, subsection 1.4 Performance Requirements – 084113 1.4.10 Structural performance. This subsection refers to a*

non-basis of design product (Kawneer) and is referencing “weld compliance” for dual moment load testing. The specified product or even acceptable listed equivalent storefront framing do not have any welded construction and are not subject to dual moment loading since they are fixed windows. Gary Weeks, Vice President, Sauer Incorporated, Phone: (904)262-6444 X314.

Response: Refer to information above under the specification section.

- **Question:** *Reference: Specification section 084113 Aluminum framed Storefronts, subsection 1.4 Performance Requirements – 084113 2.3A.2 – Storefront framing line item 2 is referencing Blast mitigation. This project is not a blast mitigation project and this line needs to be stricken. Please amend the specifications to be in conformance with the printed product data and test report data for the basis of design YKK YHS50-TU framing. Gary Weeks, Vice President, Sauer Incorporated, Phone: (904)262-6444 X314.*

Response: Refer to information above under the specification section.

- **Question:** *Reference: Architectural drawings A9.1 and A9.2 – All typical storefront window details on sheets A9.1 and A9.2 where 1/8” thick hemmed brake metal is detailed and called out. Be advised that you cannot “hem” 1/8” thick aluminum, especially dark bronze anodized material. It will crack, craze and cannot be hemmed to the tight dimensions illustrated. Even if the material was post anodized, 1/8” thick aluminum cannot be formed as detailed and will still have cracking and crazing striations even if post anodized. We would recommend a maximum thickness of .060 for this application since it does not require any structural integrity and is merely cosmetic. Gary Weeks, Vice President, Sauer Incorporated, Phone: (904)262-6444 X314.*

Response: Refer to information above under the drawing section.

- **Question:** *The Telecommunications Spec, Drawings, Riser Diagrams do not match up. Is this system Spec Category 6, 6E, or 6e?? Thank you for any information you can provide. Shawn Begley, Estimator, Jacksonville Sound & Communications, Inc., Phone: (904)737-3511.*

Response: Refer to information above under the specification section.

- **Question:** *The Section 051200 part 1.6 line A of the Cecil Field Renovation project specifications calls for the fabricator to be an AISC certified plant. Please advise if 15 yrs. experience in structural steel will suffice in lieu of. Please call Mr. Kirby O'Steen or myself regarding this (RFI) pre-bid question. Edward Bogardus, Project Manager, Apex Fabrication, Inc., Phone: 904-259-4666.*

Response: From Jude Kostage, Structural Engineer: The AISC certified plant requirement is to remain as indicated in the contract documents.

- **Question:** *Please clarify: Specification Section 101200 paragraph 2.2.C calls for acrylic sliding doors on all bulletin boards. Detail 2/A8.4 calls for glass swing doors. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the specification section.

- **Question:** *Please clarify: Is the “Minute Man” plaque shown on detail 4/A6.6 furnished and installed by the owner? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *Please clarify: Is there a 12’ high acoustical ceiling over vault #112 / 113, or is there a GWB soffit between the top of the vault and the 12’ ceiling in Storage # 111? The reflected ceiling plan is unclear. I know that you said the vault details were going to change, but this question may still apply to the new vault(s). Also it may be easier to “wall off” the dead space between the vault*

and the existing wall on column line F instead of putting an acoustical ceiling in this narrow strip between the vault and the wall. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.

Response: Refer to information above under the drawing section.

- **Question:** *The following is a question from a subcontractor interested in bidding this project: I have a question about the marker boards. There are interior elevations for some of the rooms, drawings A5.6, A5.7 & A6.3, that indicate sliding marker boards but not all of the offices and classrooms have interior elevations. Will they all be the sliding type or will some of the smaller units be regular marker boards? The specifications reference both types and the detail for the marker boards on A8.4 does not show a sliding unit. Can you clarify? Thank you, Janet. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to the schedule indicated above in the drawing section.

- **Question:** *In addition to her question, I observed that there were no dimensions provided for the marker boards other than those shown on the interior elevations indicated. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to the schedule indicated above in the drawing section.

Question: *The following are questions from a subcontractor interested in bidding this project: Do the wire mesh storage lockers have ceilings/tops? They are 8' tall but ceilings are higher. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: The wire mesh storage lockers do not have a ceiling or wire mesh covering over the tops of the wire mesh walls. They are open to above.

- **Question:** *There are no specifications for the Fire Extinguishers & Cabinets (shown in the TOC). Note on Demolition drawings says that extinguishers & cabinets are to be salvaged, does this mean there will be no new ones required? Will you need an installation price for the extinguishers & cabinets designated on the Life Safety drawings? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the specification section.

- **Question:** *Please provide clarification: The door schedule indicates many new door frames to be wood under the material column. This conflicts with the remarks in the door schedule and with the door details. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *Doors 104A, 104B, 105, 109A, 109B, 111A, 111C, 119B are all in locations where there is an existing HM frame. Couldn't these frames be changed to "Existing To Remain" on the door schedule? If not, and these existing frames are cut out from the existing CMU walls, how do you propose to grout the newly installed frames as per details 3 & 4 on drawing A8.2? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- **Question:** *Please provide clarification: The demo plans showing removal of access flooring on the second floor are not consistent with the dropped slab locations shown on the structural drawings. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: Refer to information above under the drawing section.

- Question:** *Please provide clarification: Existing partitions to remain on the second floor are not detailed to coincide with the removal of access flooring and subsequent floor infill per the structural drawings. This includes partitions type EX, K, L, M. If the existing walls sit on top of the access flooring then they most likely will come down with the removal of the access flooring. If the existing walls are continuous through the access flooring to the concrete slab below, will they remain in place with the structural insulation and new concrete slab butting up to the assumed existing metal stud / gypsum board partition? Detail 3/S2.2 does not clearly show this condition, nor do partition details K, L, & M on drawing A4.7 show it either. There is no detail for partition type EX. Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: **Refer to information above under the drawing section.**
 - Question:** *Please clarify: Is there a specification for the roof traffic mats indicated on drawing A2.5? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: **Refer to the information above in the specification section.**
 - Question:** *Detail 7/S2.4 indicates the removal of the embedded steel angle in the existing trenches to be filled. It appears that this may weaken the existing slab. Could the grout infill of the trenches be poured up to the existing angles left in place? Mark Staschke, E. Vaughan Rivers, Inc., Phone: (904)264-0123.*

Response: **Refer to information above under the drawing section.**
 - Question:** *Thanks for the invitation to bid. This looks like a good fit for our company however we are unable to bid as we are a Commercial Air Conditioning Contractor (CAC057923) not a mechanical contractor "CM" as the restriction indicated. Please confirm that I'm reading the restriction correctly because after reviewing the drawings I do not see any mechanical work that our licence would not cover. Greg Chism, Project Manager, Bill Williams Air Conditioning & Heating, Inc., (904)387-0491.*

Response: **From Scott Rosch, Mechanical Engineer: We have a complicated LEED project with a significant level of chiller and boiler plant complexity and are therefore requiring the highest level of contractor licensure offered by the State of Florida. This is done in an effort to minimize the potential for problems from marginally qualified contractors that may be better suited for less complicated projects more typical of the commercial marketplace. This approach is considered to be in the best interest of the Owner for this particular public project and offers an adequate level of competition, and in no way is meant to be a reflection of or restriction to any particular company. Comply with construction document requirements.**
 - Question:** *Please provide manufacturer color and material for the Solid surface window sills. Are they to be a Corian product or Zodiac? Keith Johnston, Sauer Incorporated, (904)262-6444.*

Response: **Refer to the information above under the drawing and specification sections.**
 - Question:** *Does the acoustical ceiling (@12') room #111 run over the top of vault rooms #112 & 113? Steve Stephens, J.E. ABERCROMBIE, INC., (904)724-4411 Ext 320.*

Response: **Refer to the information above under the drawing section.**
 - Question:** *Room #106 – south wall @column line #6, Where does Wall type-C stop and wall type –D start? Steve Stephens, J.E. ABERCROMBIE, INC., (904)724-4411 Ext 320.*

Response: **Approximately four feet west of the west end of door frame 106A.**
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SECTION 104413 - FIRE EXTINGUISHER CABINETS

GENERAL

SUMMARY

Section includes fire protection cabinets for fire extinguishers.

ACTION SUBMITTALS

1. Product Data: For each type of product indicated.
2. Shop Drawings: For fire protection cabinets. Include plans, elevations, sections, details, and attachments to other work.

CLOSEOUT SUBMITTALS

1. Maintenance data.

QUALITY ASSURANCE

1. Coordinate size of fire protection cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.
2. Coordinate sizes and locations of fire protection cabinets with wall depths.

PRODUCTS

MATERIALS

1. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.
2. Aluminum: Alloy and temper recommended by aluminum producer and manufacturer for type of use and finish indicated, and as follows.
3. Sheet: ASTM B 209 (ASTM B 209M).

FIRE PROTECTION CABINET

1. Cabinet Type: Suitable for fire extinguisher.
2. Products: Subject to compliance with requirements, provide one of the following manufacturers:
 - a. Fire End & Croker Corporation
 - b. J. L. Industries, Inc., a division of Activar Construction Products Group
 - c. Kidde Residential and Commercial Division, Subsidiary of Kidde plc
 - d. Larsen's Manufacturing Company
3. Cabinet Construction: Nonrated.
4. Cabinet Material: Aluminum sheet.
5. Semirecessed Cabinet: Cabinet box partially recessed in walls of sufficient depth to suit style of trim indicated; with one-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend). Provide where walls are of insufficient depth for recessed cabinets but are of sufficient depth to accommodate semirecessed cabinet installation.
6. Rolled-Edge Trim: 2-1/2-inch (64-mm) backbend depth.
7. Cabinet Trim Material: Aluminum sheet.
8. Door Material: Aluminum sheet.
9. Door Style: Solid opaque panel with frame.
10. Door Hardware: Manufacturer's standard door-operating hardware of proper type for cabinet type, trim style, and door material and style indicated.

Accessories:

1. Mounting Bracket: Manufacturer's standard steel, designed to secure fire extinguisher to fire protection cabinet, of sizes required for types and capacities of fire extinguishers indicated, with plated or baked-enamel finish.
2. Door Lock: Cam lock that allows door to be opened during emergency by pulling sharply on door handle.
3. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as indicated.
4. Identify fire extinguisher in fire protection cabinet with the words "FIRE EXTINGUISHER."
5. Location: Applied to cabinet door.
6. Application Process: Pressure-sensitive vinyl letters.
7. Lettering Color: Black.
8. Orientation: Vertical.

Finishes:

1. Aluminum: Clear anodic.

FABRICATION

1. Fire Protection Cabinets: Provide manufacturer's standard box (tub), with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated. Miter and weld joints and grind smooth.

EXECUTION

INSTALLATION

1. Examine walls and partitions for suitable framing depth and blocking where semirecessed cabinets will be installed and prepare recesses as required by type and size of cabinet and trim style.
2. Install fire protection cabinets in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
3. Fire Protection Cabinets: Fasten cabinets to structure, square and plumb.
4. Identification: Apply vinyl lettering at locations indicated.
5. Adjust fire protection cabinet doors to operate easily without binding. Verify that integral locking devices operate properly.
6. Replace fire protection cabinets that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 104413

SECTION 104416 - FIRE EXTINGUISHERS

GENERAL

SUMMARY

1. Section includes the indication of the required type of portable, hand-carried fire extinguishers and mounting brackets for fire extinguishers.

ACTION SUBMITTALS

1. Product Data: For each type of product indicated.

INFORMATIONAL SUBMITTALS

1. Warranty: Sample of special warranty.

CLOSEOUT SUBMITTALS

1. Operation and maintenance data.

QUALITY ASSURANCE

1. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."
2. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
3. Coordinate type and capacity of fire extinguishers with fire protection cabinets to ensure fit and function.

WARRANTY

1. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace fire extinguishers that fail in materials or workmanship within specified warranty period.
2. Failures include, but are not limited to, the following:
3. Failure of hydrostatic test according to NFPA 10.
4. Faulty operation of valves or release levers.

Warranty Period: Six years from date of Substantial Completion.

PRODUCTS

PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS

1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Amerex Corporation.
 - b. Ansul Incorporated; Tyco International Ltd.
 - c. Badger Fire Protection; a Kidde company.
 - d. Buckeye Fire Equipment Company.
 - e. Fire End & Croker Corporation.
 - f. J. L. Industries, Inc.; a division of Activar Construction Products Group.
 - g. Kidde Residential and Commercial Division; Subsidiary of Kidde plc.
 - h. Larsen's Manufacturing Company.
2. Instruction Labels: Include pictorial marking system complying with NFPA 10, Appendix B and bar coding for documenting fire extinguisher location, inspections, maintenance, and recharging.
3. Wet-Chemical Type (Kitchen): UL-rated K Class, 6 liter nominal capacity in stainless-steel container.
4. Multipurpose Dry-Chemical Type (Mechanical Rooms and Electrical Rooms): UL-rated, Type ABC, 20 lb. nominal capacity, with monoammonium phosphate-based dry chemical in manufacturer's standard enameled container.
5. Multipurpose Dry-Chemical Type (Public Areas and Corridors): UL-rated, Type ABC, 10 lb. nominal capacity, with monoammonium phosphate-based dry chemical in manufacturer's standard enameled container.
6. Add other types and capacities to suit Project.

MOUNTING BRACKETS

1. Mounting Brackets: Manufacturer's standard galvanized steel, designed to secure fire extinguisher to wall or structure, of sizes required for types and capacities of fire extinguishers indicated, with plated or red baked-enamel finish.
2. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
 - a. Amerex Corporation.
 - b. Ansul Incorporated; Tyco International Ltd.
 - c. Badger Fire Protection; a Kidde company.
 - d. Buckeye Fire Equipment Company.
 - e. Fire End & Croker Corporation.
 - f. J. L. Industries, Inc.; a division of Activar Construction Products Group.
 - g. Kidde Residential and Commercial Division; Subsidiary of Kidde plc.
 - h. Larsen's Manufacturing Company.
3. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location. Locate as indicated by Architect.
4. Identify bracket-mounted fire extinguishers with the words "FIRE EXTINGUISHER" in red letter decals applied to mounting surface.
5. Orientation: Vertical.

EXECUTION

INSTALLATION

1. Examine fire extinguishers for proper charging and tagging.
 2. Remove and replace damaged, defective, or undercharged fire extinguishers.
 3. Install fire extinguishers and mounting brackets in locations indicated and in compliance with requirements of authorities having jurisdiction.
- Mounting Brackets: Fasten mounting brackets to surfaces, square and plumb, at locations indicated.

END OF SECTION 104416

END OF WRITTEN ADDENDUM (Attachments follow this written portion)

Note: The attachments include one sheet that is the Boring Log and one sheet of drawing A5.3.

ELEV. (FT)	DEPTH (FT)	MATERIAL DESCRIPTION	SOIL SYMBOL	SAMPLE NO.	STANDARD PENETRATION TEST	
					BLOWS / 6-INCH	BLOW COUNT
0	0	4.00" Asphalt and 6.50" Limerock				
-0.88		FIRM Dark Brown Slightly Silty Fine SAND (SP-SM) Fines Content = 11.1%		1		
-2	2	VERY FIRM Reddish Brown Slightly Silty Fine SAND (SP-SM) with Some Cementation		2		
-4	4	FIRM Brown Silty Fine SAND (SM) with Some Clay Fines Content = 13.0%		3	5 6 7	13
-6	6	FIRM Brown Clayey Fine SAND (SC) with Some Silt Fines Content = 18.3%		4	9 9 11 11	20
	8			5	8 9 11 13	20
	10					
	12					
-13	14	FIRM Light Brown Slightly Clayey Fine SAND (SP-SC)		6	4 6 8	14
	16					
	18					
	20			7	4 7 9	16
-22	22	VERY FIRM to DENSE Light Brown Fine SAND (SP) with Trace of Silt		8	7 12 16	28
	24					
	26					
	28					
-30	30	BORING TERMINATED AT 30 FEET		9	12 21 28	49

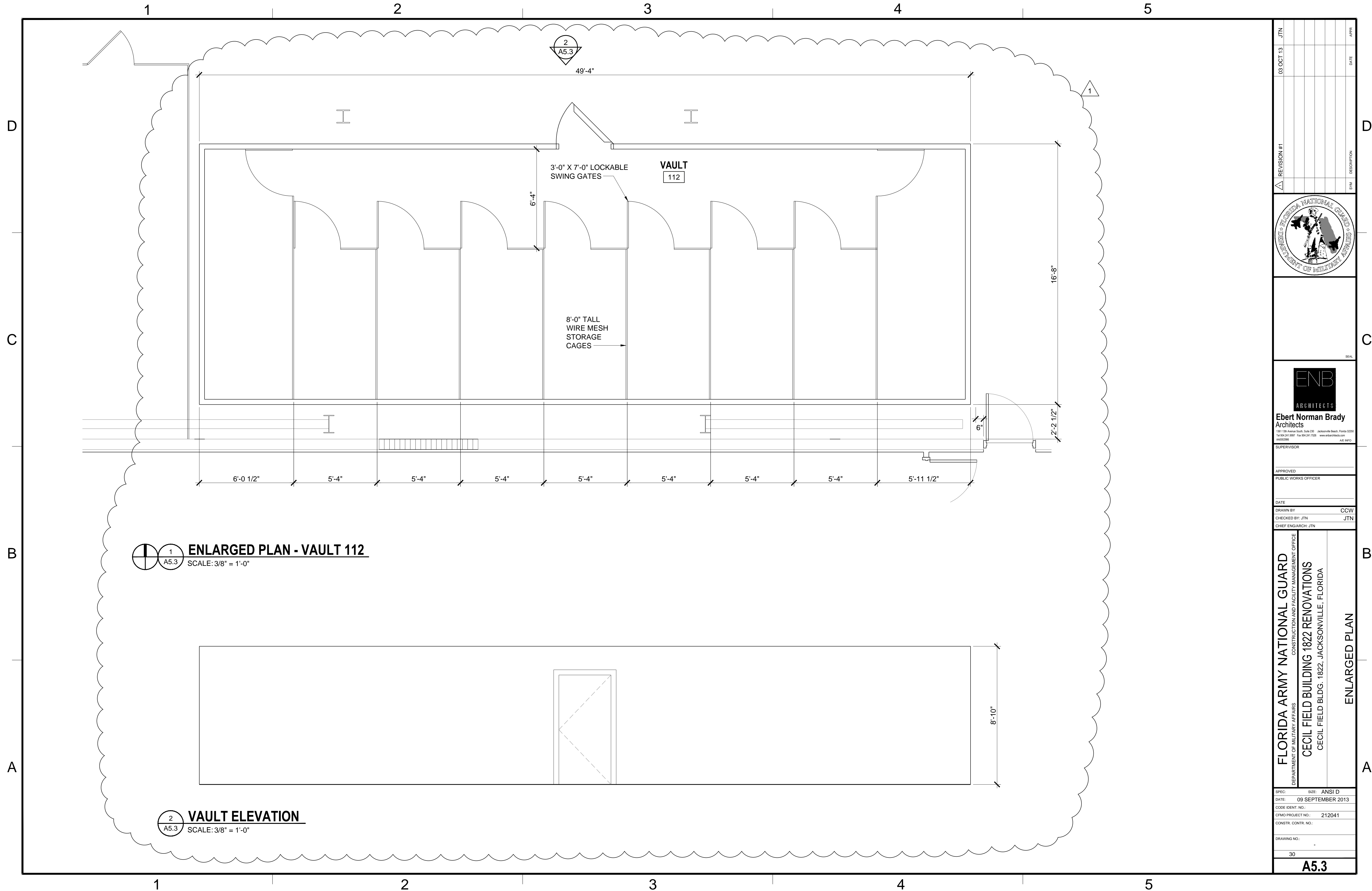
REMARKS: Hand Augered to Depth of 4-Feet to Avoid Existing Utilities

BORING & SAMPLING: ASTM D1586/CORE DRILLING: ASTM D2113



Ground Water Table

BLOW COUNT IS THE NUMBER OF BLOWS OF 140 LB. HAMMER
FALLING 30 IN. REQUIRED TO DRIVE 1.4 IN. I.D. SAMPLER 1 FT.



1 ENLARGED PLAN - VAULT 112
 SCALE: 3/8" = 1'-0"

2 VAULT ELEVATION
 SCALE: 3/8" = 1'-0"

REVISION #1	DATE	DESCRIPTION



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 A/E 000299 A/E INFO

SUPERVISOR	
APPROVED	
PUBLIC WORKS OFFICER	
DATE	
DRAWN BY	CCW
CHECKED BY	JTN
CHIEF ENGINEER/ARCH	JTN

FLORIDA ARMY NATIONAL GUARD
 DEPARTMENT OF MILITARY AFFAIRS
 CONSTRUCTION AND FACILITY MANAGEMENT OFFICE
CECIL FIELD BUILDING 1822 RENOVATIONS
 CECIL FIELD BLDG. 1822, JACKSONVILLE, FLORIDA

ENLARGED PLAN

SPEC.	SIZE: ANSI D
DATE:	09 SEPTEMBER 2013
CODE IDENT. NO.:	
CFMO PROJECT NO.:	212041
CONSTR. CONTR. NO.:	
DRAWING NO.:	
	30

A5.3