

Addendum #3

Directorate of Facilities Engineering

16 September 2016

This Addendum modifies, amends, and supplements designated parts of the Contract Documents, Specifications and Drawings for:

Sanford Armory Renovation, 88 William Oscar Emery Drive, Sanford, Maine, Project Number 23SR15-424-D, BGS Project Number 2518, Bid Number 17-005.

It shall be the responsibility of the Contractor to notify all Subcontractors and Suppliers for various portions of the work of any changes or modifications contained in this Addendum.

Specification Items:

1. **Replace** Section **00 41 13**, Contractor Bid Form, pages 1 of 3, 2 of 3 and 3 of 3 with enclosed revised Section 00 41 13, Contractor Bid Form, pages 1 of 3, 2 of 3 and 3 of 3. Addendum #3 is noted on page 2 of 3.
2. **Replace** Section **00 52 13**, Construction Contract, page 2 of 3 with enclosed revised Section 00 52 13, Construction Contract page 2 of 3. Addendum #3 is noted on page 2 of 3.
3. Section **099113** – Exterior Painting: **Add** Paragraph:
MAINTENANCE MATERIAL SUBMITTALS
 - A. Submittals shall comply with the requirements of the Construction Contract Clauses, Section 007213 "General Conditions" and the individual sections specifying the work.
 - B. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Paint: 5 percent, but not less than 1 gal. of each material and color applied.
4. Section **087100** - Door Hardware: **Add** the following **Part 3**.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Prior to installation of any hardware, examine all doors, frames, walls and related items for conditions that would prevent proper installation of finish hardware. Correct all defects prior to proceeding with installation.

3.2 INSTALLATION

- A. Coordination:
 1. Prior to installation of hardware, schedule and hold a meeting for the purpose of instructing installers on proper installation and adjustment of finish hardware. Representatives of locks, exit devices, closers, automatic operators, and electrified hardware shall conduct training; provide at least 10 days notice to representatives. After training a letter of compliance,

indicating when the training was held and who was in attendance, shall be sent to the Architect.

2. Prior to ordering electrified hardware, schedule and hold a meeting for the purpose of coordinating finish hardware with security, electrical, doors and frames, and other related suppliers. A representative of the supplier of finish hardware, and doors and frames, the electrical subcontractor, and the Owner's security contractor shall meet with the Owner, Architect, and General Contractor prior to ordering finish hardware. After meeting a letter of compliance, indicating when the training was held and who was in attendance, shall be sent to the Architect.

- B. Hardware will be installed by qualified tradesmen, skilled in the application of commercial grade hardware. For technical assistance if necessary, installers may contact the manufacturer's rep for the item in question, as listed in the hardware schedule.
- C. Mount hardware units at heights indicated in "Recommended Locations for Builders Hardware for Standard Steel Doors and Frames" by the Door and Hardware Institute.
- D. Install each hardware item in compliance with the manufacturer's instructions and recommendations, using only the fasteners provided by the manufacturer.
- E. Do not install surface mounted items until finishes have been completed on the substrate. Protect all installed hardware during painting.
- F. Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- G. Operating parts shall move freely and smoothly without binding, sticking, or excessive clearance.
- H. Wire (including low voltage), conduit, junction boxes, and pulling of wire is by Electrical Division. Electrical Contractor shall connect wire to door position switches and run wire to central room or area as directed by the Architect. Wires shall be tested and labeled with the Architects opening number. Connections to/from power supplies to electrified hardware and any connection to fire/smoke alarm system, and/or smoke evacuation system where specified is by Electrical Division.

3.3 ADJUSTING, CLEANING, AND DEMONSTRATING

- A. Adjust and check each operating item of hardware and each door, to insure proper operation or function of every unit. Replace units which cannot be adjusted to operate freely and smoothly.
- B. Where door hardware is installed more than one month prior to acceptance or occupancy of a space or area, return to the installation during the week prior to acceptance or occupancy and make a final check and adjustment of all hardware items in such space or area. Clean operating items as necessary to restore proper function and finish of hardware and doors. Adjust door control devices to compensate for final operation of heating and ventilating equipment.
- C. Clean adjacent surfaces soiled by hardware installation.
- D. Instruct Owner's personnel in the proper adjustment, lubrication, and maintenance of door hardware and hardware finishes.

3.4 FIELD QUALITY CONTROL

- A. Prior to Substantial Completion, the installer, accompanied by representatives of the manufacturers of locks, exit devices, closer, and any electrified hardware, shall perform the following work:

1. Examine and re-adjust each item of door hardware as necessary to restore function of doors and hardware to comply with specified requirements.
2. Doors with closers are to receive a spring scale test to document compliance with ADA requirements for closer forces.
3. Consult with and instruct Owner's personnel in recommended additions to the maintenance procedures.
4. Replace hardware items that have deteriorated or failed due to faulty design, materials, or installation of hardware units.
5. Prepare a written report of current and predictable problems of substantial nature in the performance of the hardware.
6. At completion of project, a qualified factory representative for the manufacturers of locksets, closer, exit devices, and access control products shall arrange and hold a training session to instruct the Owner's personnel on the proper maintenance, adjustment, and/or operation of their respective products. After training a letter of compliance, indicating when the training was held and who was in attendance, shall be sent to the Architect.

3.5 PROTECTION

- A. Provide for the proper protection of complete items of hardware until the Owner accepts the project as complete. Damaged or disfigured hardware shall be replaced or repaired by the responsible party.

Clarification Items:

1. Questions: Please see inquiry we received below from an interested window subcontractor. It appears that BOD window system may not be able to price this project. Please review and advise. We are unable to price the blast resistant storefront spec'd as the basis of design; Wausau. I spoke with the regional manager of Wausau and apparently in order to quote blast resistant anything, they need to first conduct testing in a lab (cost of at least \$7,000 and lead time of 3+ weeks) and see the results before they issue a quote. They will quote ballistic rated storefront without testing but not blast. Please advise as to how the architect wishes to proceed.

We are having a difficult time getting prices on the Blast Resistant Windows called for on this job. The specified supplier has right out said they are not bidding this, and a secondary supplier (YKK) has indicated they need to have more engineering information before they will bid.

Answer: Per Specification 085113, Paragraph 2.3.A.1-5., there are five other manufacturers listed in addition to the basis-of-design.

2. Question: Please reference Addendum #2, Clarification Items #5. The response appears to indicate that alternate fire alarm manufacturers are not acceptable, but also that the B.O.D. system is not proprietary? Please confirm if the fire alarm is proprietary or not.

Answer: The fire alarm panel shall be as specified under 283111, page #9:

2.4 FIRE-ALARM CONTROL UNIT

A. Control unit shall be non-proprietary and shall be greater than or equal to a Silent Knight IntelliKnight Model 5820XL-EVS.

3. Question: I am aware that two domestic wells are looking to be installed, one on the east side and one on the west side of the site. I was wondering if you could provide me with more information on this project in terms of water supply.

Answer: There are no domestic wells included in this project.

4. Question: We are submitting information on Sarnafil Sikaplan 60 mil PVC for consideration to meet the recommendations of the Unified Facilities Criteria for roofing, (attached).

Answer: PVC roofing is not an acceptable substitution for this project. The roof system shall remain as designed for EPDM under UFC 3-110-03, paragraph 2-8.3.2 and Specification 075323.

5. Question: Do you have the distance from top of grade to top of footing?

Answer: Please see the attached geotechnical report that indicates grade-to-footing distances at five test pit locations.

6. Question: I believe there may be a mis-print on the bid form. It seems that Alternate 2 is listed twice.

Answer: Alternate #1 and Alternate #2 are both listed twice; the language underneath the Alternates indicates that one line is for the written amount, the other line is for the numeric amount. However, the note in parenthesis below the first line for each Alternate should read, “(written amount of Alternate #1)” or “(written amount of Alternate #2)”. Please see attached revised Bid Form.

7. Questions: (Regarding PV Alternate)

1. We recommend that the proposed inverter design for this project be changed. The SMA 10kTL inverter currently specified connects to just two legs of a three phase service. We recommend (and the utility will request) that a true three phase inverter be installed for this project. The best inverter choice in our opinion will be a SolarEdge SE9KUS 208 volt inverter be specified for this project. In addition to the three phase functionality the SolarEdge system includes module level optimizers that will optimize array production and allow for module level monitoring. This system also complies with rapid shutdown requirements specified by the 2014 NEC. This change will improve system performance with a minimal increase in cost and will also be accepted by the utility (the current design will not).

Answer 7.1: Provide 3-phase, 208-volt inverters in lieu of single phase inverters. Provide the SolarEdge SE9KUS 208-volt inverter (or equivalent). Provide power optimizers and module-level monitoring. Provide Rapid Shutdown as required by NEC 690.12. Provide two 35-amp, 3-pole circuit breakers in panelboard MDP (in lieu of 60-amp, 2-pole circuit breakers shown on drawings PV901 and PV902). Provide 3 - #6 + #6G in 1” conduit from inverters to circuit breakers (in lieu of wire size tag “15” shown on drawings PV901 and PV902).

2. Specify Q-Cells 275 watt 60 cell modules (or equivalent) for this project. The currently specified 260 watt modules are no longer available as efficiencies have improved. This change will reduce system cost.

Answer 7.2: Provide Solar World Sunmodule Pro-Series SW265 Poly WOB solar panels (or equivalent) in lieu of the Sunmodule SW260 Poly solar panel specified in 263100, paragraph 2.5.A.

3. Remove the requirement specified in drawing PV902 that states "Provide exterior mounted lockable AC disconnect and signage per utility company standards...." - this is not a requirement of any utility in Maine. This change will reduce system cost.

Answer 7.3: Provide exterior mounted, lockable AC disconnect switches as indicated on Drawing PV901 and PV902.

4. In drawing PV902 remove the requirement to 'provide rapid shutdown system and locate controller in lobby' - this is not required with the solaredge inverter system. Additionally, if a controller were to be provided it should be located near the exterior utility meter or the main service disconnect.

Answer 7.4: Provide Rapid shutdown as required by NEC 690.12. Provide an additional manual controller for the rapid shutdown system in Electrical Room 002. Locate manual controller next to the main service disconnect switch.

8. Questions: (Regarding Fire Alarm)

1. Clarification – the plans show CO detectors and the specs state to Use FIRE-CO devices. Is the intent to use FIRE-CO devices wherever the plans show CO? A FIRE-CO device is a combination Smoke/CO Detector.

Answer 8.1: The intent is for the device to be greater than or equal to the CO detection parameters of the FIRE-CO. If another device is submitted, it does not need to detect other elements of fire.

2. Are you looking to have this combination unit mounted 5 ½ feet off the floor in the gym? Or would you like a standard CO Detector installed in these locations at normal wall height.

Answer 8.2: The intent is for CO coverage, not additional smoke detection. The 5' height is per NFPA 72 Annex reference document recommendations and was indicated due to the high ceiling in this location. However the final height should be per manufacturer recommendation for the final selected product.

3. The FIRE-CO designated in the mechanical room is designated to be WP. This is not manufactured in WP (Weatherproof). Is there a moisture issue that would prevent a ceiling FIRE-CO device from being installed?

Answer 8.3: There is a not a moisture issue, but the space is not heated, so the temperature may drop below freezing.

4. Speaker Strobes designated in the restrooms Rooms 116 & 117 are Red Ceiling Speaker Strobes. System Sensor does not manufacture the units in RED but are available in WHITE with "FIRE" Printed in red on the units. Are the white units acceptable?

Answer 8.4: Yes.

5. Other bathrooms such as 121 indicates C, 15. Is this intended to be a standard ceiling mounted fire alarm strobe only?

Answer 8.5: The intent throughout is to provide a clear fire alarm strobe and an amber mass notification strobe. In areas that are not so small in area (as Bathroom 121), the intent is to have the clear fire alarm strobe be in combination with a speaker.

Drawing Items:

1. **Drawing FA101 - Legend.** In the description of the speaker with amber strobe, **Replace** "amber" with "clear". In the description of the clear strobe, **Replace** "clear" with "amber". Under this description **Replace** "A = amber strobe" with "CL = clear strobe".
2. **Drawing FA101** - in Unisex Toilet 107, **Replace** "A" with "CL".
3. **Drawing FA101** - Mechanical Room 132, **Add Note:** Devices and appliances will be exposed to freezing temperatures. Moisture is not a concern.
4. **Drawing AE102 - Change** wall type "NE" between Table and Chair Storage 119 and Admin & Family Readiness Office 102 to type "NS". **Delete** Door 129B in Unit Office & Unit Storage 129. **Replace** with two doors in existing openings as indicated on **Sketch AD-A1**.
5. **Drawing AE301** - On wall Type "ND" **Delete** the resilient channel. **Change** the gypsum board listed on wall types NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, and NR from 5/8" to 1/2".

**00 41 13
Contractor Bid Form**

Sanford Armory Renovation, Sanford Maine, Project Number 23SR15-424-D, Bid Number 17-005

To: *DEPARTMENT OF DEFENSE VETERANS AND EMERGENCY MANAGEMENT*
MILITARY BUREAU
Joint Force Headquarters, Maine National Guard
194 Winthrop Street, BLDG8 Camp Keyes,
Augusta, Maine 04333 0033

1. The undersigned, or "Bidder", having carefully examined the form of contract, general conditions, specifications and drawings dated *18 August 2016*, prepared by for *Oak Point Associates*, as well as the premises and conditions relating to the work, proposes to furnish all labor, equipment and materials necessary for and reasonably incidental to the construction and completion of this project for the Base Bid amount of:

BID ITEMS:

Base Bid – Sanford Armory Renovation:

The Contractor shall provide a complete renovation to the Sanford Armory. The Contractor shall furnish and install all items in accordance with Plans and Specifications.

Base Bid.

Lump Sum. Dollars _____.
(Written amount of base bid)

Base Bid.

Numeral Dollar Amount:

Lump Sum. Dollars (\$ _____ **).**
(Numeric amount of base bid)

Subject to the Owner's right, reserved herein, to accept or reject any or all proposals, the General Contractor will be selected on the basis of the sum of the lowest acceptable Base Bid Proposal. If the Owner has funding to award the Alternates, the award of this project will be based off the lowest acceptable Base Bid and Alternates that are chosen.

Allowances *are not included* on this project.

2. Alternate bids *are included* on this project.

Do not add Base Bid to Alternates. Price for the Alternates shall be priced as standalone Lump Sum.

Alternate #1 – Photovoltaic System.

Lump Sum. Dollars _____.
(Written amount of Alternate #1)

Alternate #1 – Photovoltaic System.

Numeral Dollar Amount:

Lump Sum. Dollars (\$ _____ **).**
(Numeric amount of Alternate #1)

**00 41 13
Contractor Bid Form**

Alternate #2 – Photovoltaic System.

Lump Sum. Dollars _____.

(Written amount of Alternate #2)

Alternate #2 – Photovoltaic System.

Numerical Dollar Amount:

Lump Sum. Dollars (\$ _____ **).**

(Numeric amount of Alternate #2)

3. Unit Prices *are not included* on this project.
4. The Bidder acknowledges receipt of the following addenda to the specifications and drawings:

Addendum No. 1 Dated: 9 September 2016

Addendum No. 2 Dated: 14 September 2016

Addendum No. 3 Dated: 16 September 2016

Addendum No. _____ Dated: _____

5. Bid security *is required* on this project.
The Bidder shall include a satisfactory Bid Bond (section 00 43 13) or a certified or cashier's check for 5% of the bid amount with this completed bid form submitted to the Owner.
6. Filed Sub-bids *are not required* on this project.
The bid amount includes the following Filed Sub-bids which were submitted to the Bidder and to the Maine Construction Bid Depository.
7. The Bidder agrees, if this bid is accepted by the Owner, to sign the designated Owner-Contractor contract and deliver it, with any and all bonds and affidavits of insurance specified in the Bid Documents, within twelve calendar days after the date of notification of such acceptance, except if the twelfth day falls on a State of Maine government holiday or other closure day, a Saturday, or a Sunday, in which case the aforementioned documents must be received before 12:00 noon on the day following the holiday or other closure day, Saturday or Sunday.

As a guarantee thereof, the Bidder submits, together with this bid, a bid bond or other acceptable instrument as and if required by the Bid Documents.

**00 41 13
Contractor Bid Form**

8. This bid is hereby submitted by:

Signature: _____

Printed name and title: _____

Company name: _____

Mailing address: _____

City, state, zip code: _____

Phone number: _____

Email address: _____

State of incorporation,
if a corporation: _____

List of all partners,
if a partnership: _____

ARTICLE 4 CONTRACT BONDS

§ 4.1 Contract bonds are not required if the contract amount is less than \$125,000 unless bonds are specifically mandated by the contract documents.

§ 4.2 On this project, the *Contractor* ***shall*** furnish the *Owner* the appropriate contract bonds in the amount of 100% of the contract amount.

ARTICLE 5 PROGRESS PAYMENTS

§ 5.1 The *Owner* shall make payments on account of the contract as provided therein as follows: Each month 95% of the value, based on contract prices of labor and materials incorporated in the work and of materials suitably stored at the site thereof up to the first day of that month, as certified by the Architect or Engineer.

§ 5.2 The *Owner* may cause the *Contractor* to be paid such portion of the amount retained hereunder as he deems advisable.

ARTICLE 6 FINAL PAYMENT

§ 6.1 Final payment shall be due 30 days after completion and acceptance of the work, provided the *Contractor* has submitted evidence satisfactory to the *Owner* that all payrolls, material bills and other indebtedness connected with the work has been paid.

ARTICLE 7 CONTRACT DOCUMENTS

§ 7.1 The General Conditions of the contract, instructions to bidders, bid form, Special Provisions, the written specifications and the drawings, and any Addenda, together with this agreement, form the contract; they are as fully a part of the contract as if hereto attached or herein repeated.

§ 7.2 Specifications: *18 August 2016*

§ 7.3 Drawings: *18 August 2016*

§ 7.4 Addenda: *Addendum #1 – Dated 9 September 2016, Addendum #2 – Dated 14 September 2016, Addendum #3 – Dated 16 September 2016*

ARTICLE 8 OTHER PROVISIONS

§ 8.1 The *Owner* and the *Contractor* are required to comply with applicable provisions of the American Recovery and Reinvestment Act (ARRA), and the Qualified School Construction Bonds (QSCB) program, including, but not limited to, the Buy American criteria, federal wage rates, and program-specific reporting requirements, for those projects funded through ARRA and QSCB.



R.W. Gillespie & Associates, Inc.

Geotechnical Engineering • Environmental Consulting • Materials Testing Services

08 April 2016

Kerry S. Peiser, ASLA
Oak Point Associates
P.O. Box 1259
Biddeford, ME 04005
kpeiser@oakpoint.com

Subject: Geotechnical Engineering Services
Armory Renovations
Sanford, Maine
RWG&A Project No. 0767-123

Dear Ms. Peiser:

R.W. Gillespie & Associates, Inc., (RWG&A) is pleased to provide the results of the explorations performed at the Maine Army National Guard Armory building off of William Oscar Emery Drive in Sanford, Maine. The site location is shown on Figure 1, *Locus Map*. These services were performed in general accordance with RWG&A's proposal P-9142GI dated 16 February 2016 (Revised). The purpose of RWG&A's services was to obtain information regarding the depth and dimensions of perimeter wall foundation footings relative to frost protection depth.

The exploration program consisted of five machine-dug test pits. The test pits were dug on 28 March 2016 by Parker Excavation & Landscaping of Arundel, Maine using a Yanmar Vio27 mini-excavator. Figure 2, *Exploration Location Plan*, shows the approximate exploration locations. Exploration activities were coordinated and observed by an RWG&A geologist. The exposed foundation dimensions and depths were recorded, and soils were described in general accordance with *ASTM D2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)*. Subsurface information should only be considered representative of conditions encountered within the vertical reach of the explorations on the date they were made.

The foundation wall and spread footing was exposed in each test pit. The soils encountered in the test pits generally consisted of sand with gravel below near surface topsoil fill. Footing drains and refusal surfaces were not encountered within the depths explored. Sketches of the exposed foundation walls and spread footings, and tabulated foundation dimensions and embedment depths are provided on Figure 3, *Exposed Foundation Dimensions*.

Free water was not observed in any of the test pits. Absence of free water data does not mean free water was not present or will not be encountered in the future within the vertical reach of the test pit. Groundwater levels at the site will fluctuate due to season, temperature, rainfall, nearby underground utilities, and construction activity in the area.

Evaluation of Foundation Footings Relative to Frost Protection Depth

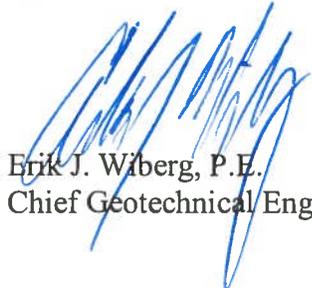
The depth below local ground surface to the bottom of footings ranged from about 4.1 to 4.4 feet at test pits TP-2 through TP-5 and was about 6 feet below ground surface at TP-1. In accordance with Table E-2 in *UFC 3-301-01, Structural Engineering*, dated 01 June 2013, Change 1 dated 15 May 2014, the design frost penetration depth for NAS Brunswick is 86 inches and is 48 inches for PNS Kittery. Review of design freezing index isotherm maps indicates the Sanford site is more similar to NAS Brunswick. Figure B-1 in *UFC 3-301-01* indicates the minimum bottom of foundation depth is about 3.75 feet and 5.25 feet for heated and unheated spaces, respectively.

Closure

This report has been prepared for the exclusive use of Oak Point Associates. This work has been completed in accordance with generally accepted soil and foundation engineering practices. No other warranty, expressed or implied, is made.

We have enjoyed working with Oak Point Associates and the Maine Army National Guard on this project. If you have any questions, or if we may be of further service, please contact us.

Sincerely,
R. W. GILLESPIE & ASSOCIATES, INC.



Erik J. Wiberg, P.E.
Chief Geotechnical Engineer

EJW:md
In duplicate

Attachments:

- Figure 1, Locus Map
- Figure 2, Exploration Location Plan
- Figure 3, Exposed Foundation Dimensions



0 2000 3000 4000

SCALE, FEET

SOURCE:
USGS 7.5-MINUTE TOPOGRAPHIC QUADRANGLE OF
SANFORD, ME, DATED 2011.

FIGURE 1
LOCUS MAP
GEOTECHNICAL ENGINEERING SERVICES
ARMORY RENOVATIONS
SANFORD, MAINE

APRIL 2016

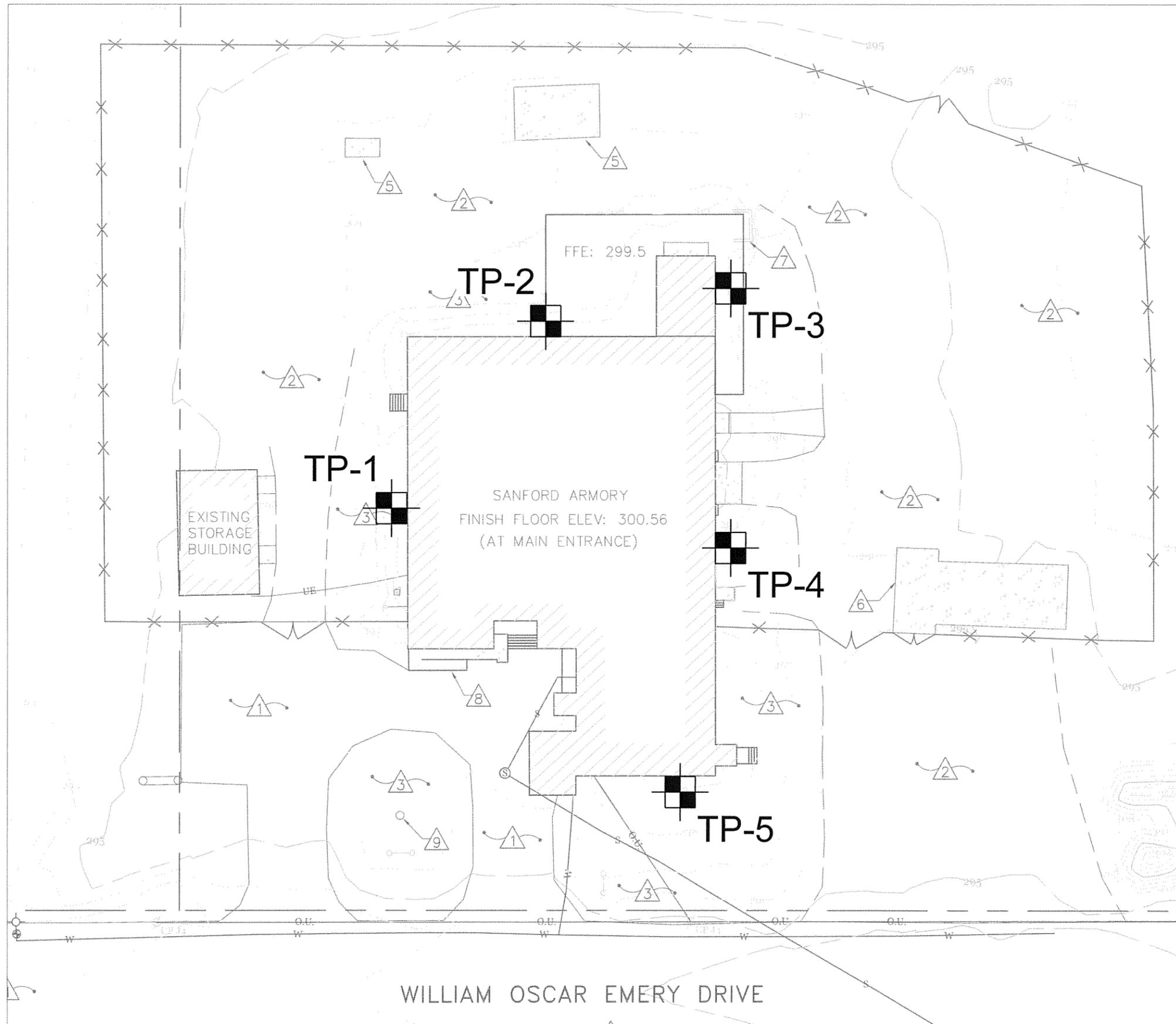
PROJECT NO. 0767-123



R.W. Gillespie & Associates, Inc.

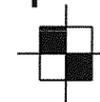
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LEGEND:

TP-1



APPROXIMATE LOCATION OF TEST PIT EXCAVATED MARCH 2016.

SOURCE:

DRAWING NO. CS-102, TITLED "SITE PLAN OPTION B" BY OAK POINT ASSOCIATES, DATED 8-19-2015.

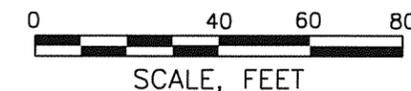
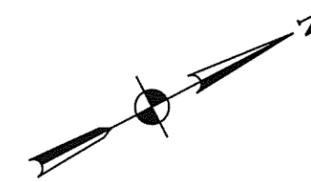


FIGURE 2
EXPLORATION LOCATION PLAN
GEOTECHNICAL ENGINEERING SERVICES
ARMORY RENOVATIONS
SANFORD, MAINE

APRIL 2016

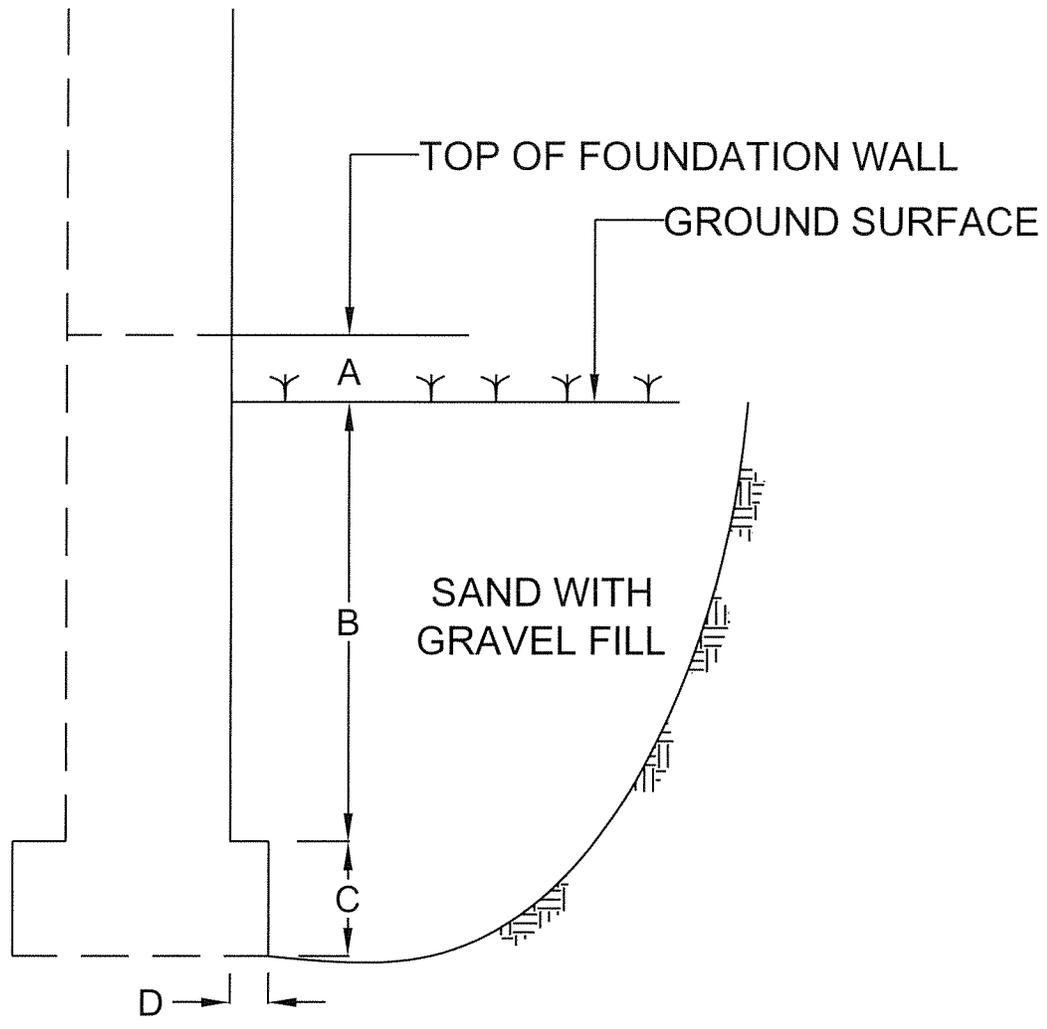
PROJECT NO. 0767-123



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G:\AutoCad\700767\767-123\FIG 2, ELP 0767-123.dwg, 4/8/2016 3:03:28 PM, 115AC0Verorx WorkCentre 7555 PCL



NOTE: NO FOOTING DRAIN OBSERVED

NOT TO SCALE

| TEST PIT | A | B | C | D |
|----------|-----|--------|-----|----|
| TP-1 | 12" | 5'-4" | 8" | 4" |
| TP-2 | 12" | 3'-11" | 8" | 4" |
| TP-3 | 16" | 3'-5" | 8" | 4" |
| TP-4 | 20" | 3'-3" | 12" | 4" |
| TP-5 | 15" | 3'-6" | 8" | 4" |

FIGURE 3
 EXPOSED FOUNDATION DIMENSIONS
 GEOTECHNICAL ENGINEERING SERVICES
 ARMORY RENOVATIONS
 SANFORD, MAINE

APRIL 2016

PROJECT NO. 0767-123

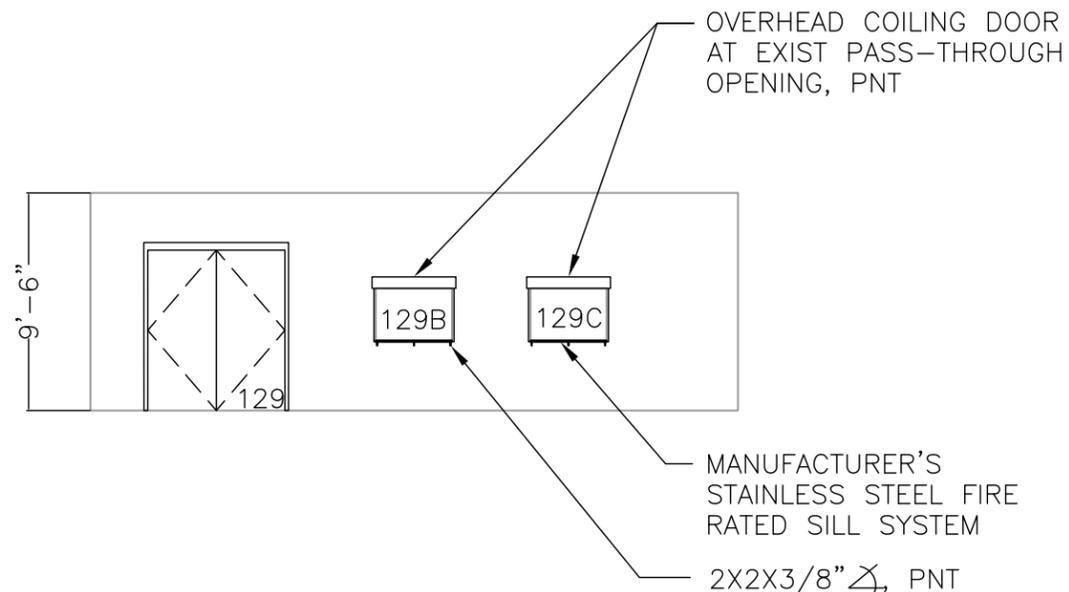
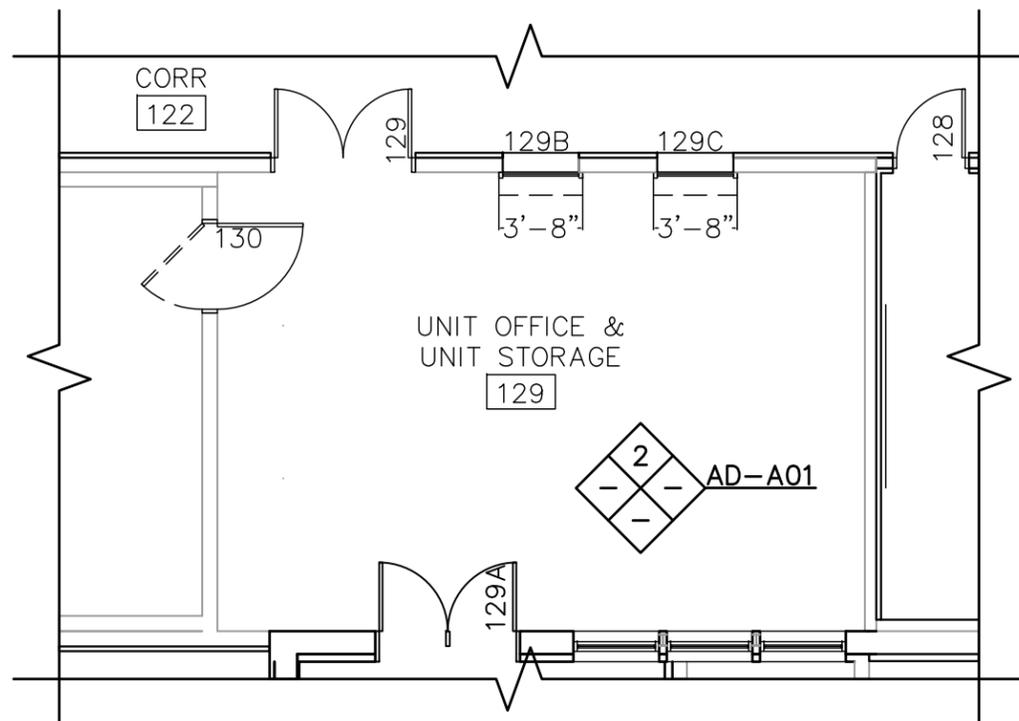


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GENERAL SHEET NOTES:

- SEE SHEET AE601 FOR DOOR SCHEDULE NOTES, DOOR TYPES, AND ABBREVIATIONS.
- VERIFY ALL DIMENSIONS IN FIELD PRIOR TO ORDERING.



1 ROOM 129 PARTIAL PLAN
 AD-A01 SCALE: 1/8" = 1'-0"
 AE102

2 ROOM 129 PARTIAL PLAN
 AD-A01 SCALE: 1/8" = 1'-0"

| DOOR SCHEDULE | | | | | | | | | | | | | | | | |
|---------------|-------------------|-----------------------|-----|--------|--------------|----------|--------------------|-------|-----|--------|---------|----------|----------|-------------|--------|-----|
| DOOR | | | | | | | LOCKSET & CYLINDER | FRAME | | | DETAILS | | | FIRE RATING | NOTES | |
| NO. | SIZE | TYPE | MAT | FINISH | HARDWARE SET | FUNCTION | | TYPE | MAT | FINISH | HEAD | JAMB | SILL | | | |
| 129B | 3'-8"X2'-4"(M.O.) | COILING OVERHEAD DOOR | G | HM | PNT | - | - | X | - | MTL | PNT | 1A/AE607 | 1B/AE607 | 1C/AE607 | 45 MIN | 5,7 |
| 129C | 3'-8"X2'-4"(M.O.) | COILING OVERHEAD DOOR | G | HM | PNT | - | - | X | - | MTL | PNT | 1A/AE607 | 1B/AE607 | 1C/AE607 | 45 MIN | 5,7 |