

Addendum #1

Waterville CST Natural Gas Conversion Project, Waterville, Maine **Project No. 23SC14-438-D, Bid Number 20-044**

Directorate of Facilities Engineering

24 JUNE 2020

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.

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification. This Addendum consists of the following:

Administrative Bidding Items:

1. The bid opening will not be open to the public and bid submissions must be hand carried to Bldg. 7, Camp Keyes, 194 Winthrop Street, Augusta, Maine. These must be received and stamped in prior to the 2 pm, July 1, 2020 deadline. Bid results will be sent to all bidders and BGS as soon as possible after the bid opening.

Specification Items:

1. **Fill in Section 00 41 13, Contractor Bid Form, with Addendum # and Date**
2. Section 23 52 00, Gas Fired Burners, paragraph 2.2.A **insert** sub paragraph 5 as follows “**5. Webster**”. Webster is an acceptable manufacturer.

Drawing Items:

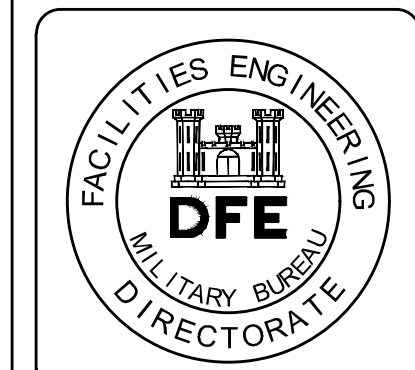
1. Sheet ME101: Rerouting of natural gas piping.
 - a. Remove drawing and replace with attached updated drawing.
2. Sheet ME401: Rerouting of natural gas piping.
 - a. Remove drawing and replace with attached updated drawing.

Clarification Items:

1. Pre-bid Notes, Q&A and Clarifications are attached.
2. Contractor question:

Q: In Mechanical Room 127 is the new connection from the existing boilers to the masonry chimney to be made of welded steel pipe or pre-fabricated chimney?

A: While Section 1 of specification 235133 includes a requirement for welding certificates, the product section, Section 2, only allows pre-fabricated chimney. Pre-fabricated chimney sections are the expectation.

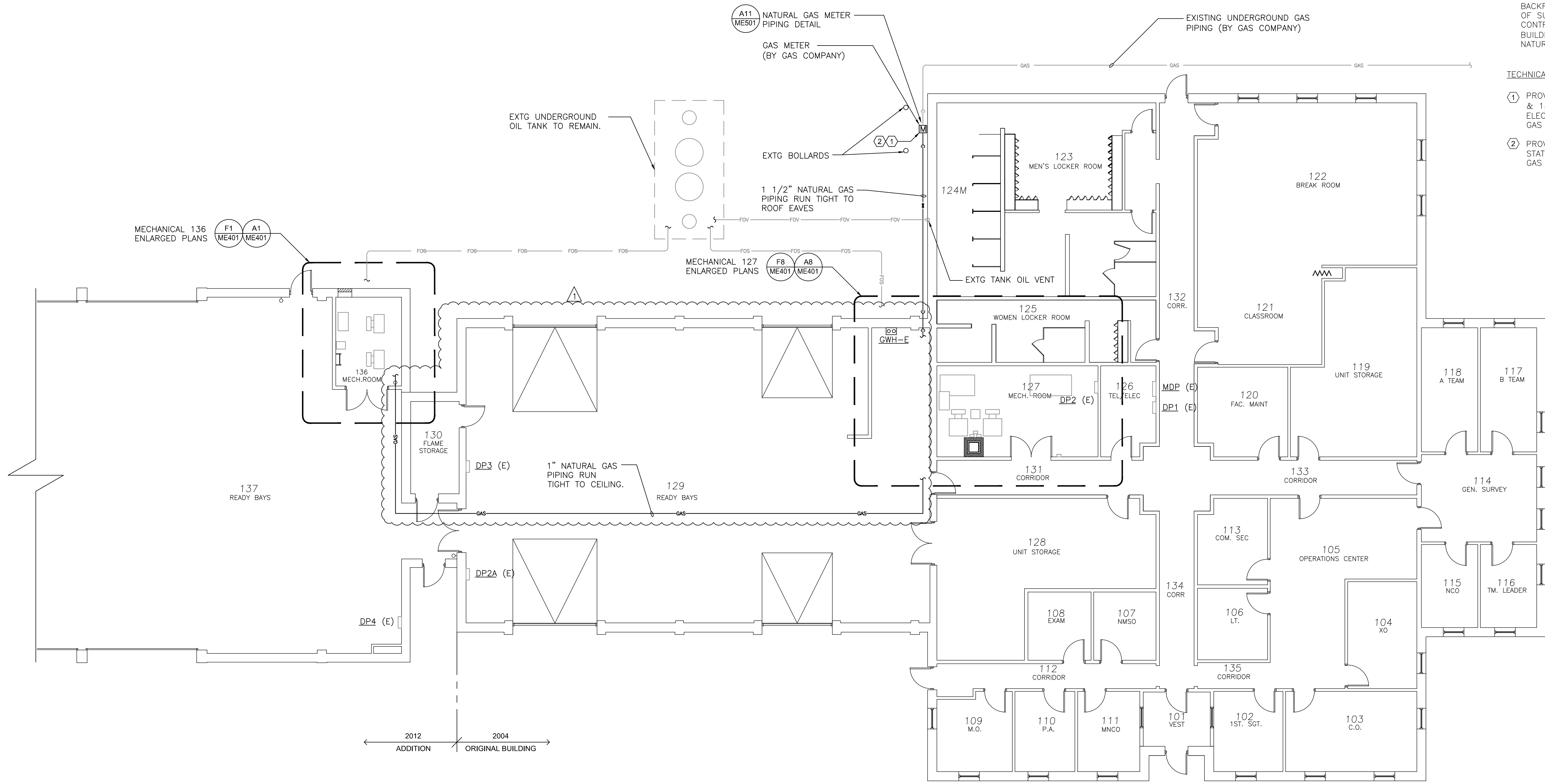


GENERAL NOTES:

- NATURAL GAS PIPING LOCATIONS SHOWN AS PROPOSED BY SUMMIT NATURAL GAS COMPANY AS OF 04.21.14. UNDERGROUND INSTALLATION IS COMPLETE.
- NATURAL GAS UNDERGROUND DISTRIBUTION PIPING, EXCAVATION, & BACKFILL SHALL BE RESPONSIBILITY OF SUMMIT NATURAL GAS COMPANY. CONTRACTOR TO COORDINATE FINAL BUILDING TERMINATIONS W/ SUMMIT NATURAL GAS COMPANY.

TECHNICAL NOTES:

- PROVIDE 120V, 1P20 CIRCUIT (2#12 & 1#12 G. IN 3/4" CONDUIT), FROM ELECTRICAL PANEL DP2 FOR NEW GAS METER.
- PROVIDE (1) DATA DROP WITH STATIC IP ADDRESS FOR NEW GAS METER.



PLAN REVISIONS	Rev#	Description	Date	Appr.
	1	ADDENDUM #1	06.22.20	

DESIGNED BY: AJR
 DRAWN BY: CGB
 CHECKED BY: AJR
 DATE: 04.15.19
 SCALE: 1/8" = 1'-0"
 DFE PROJECT NO: 23SR14-438-D

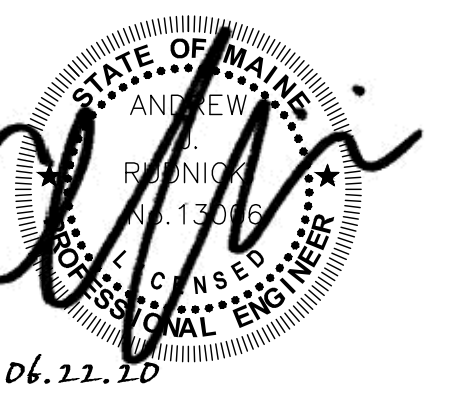
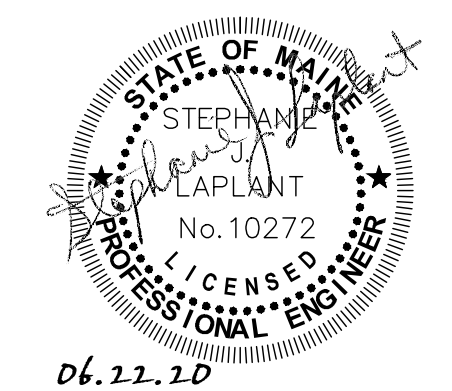
STATE OF MAINE
 DEPARTMENT OF DEFENSE, VETERANS
 AND EMERGENCY MANAGEMENT
 WBRC ARCHITECTS - ENGINEERS
 44 CENTRAL STREET
 BANGOR, MAINE
 207-947-4511

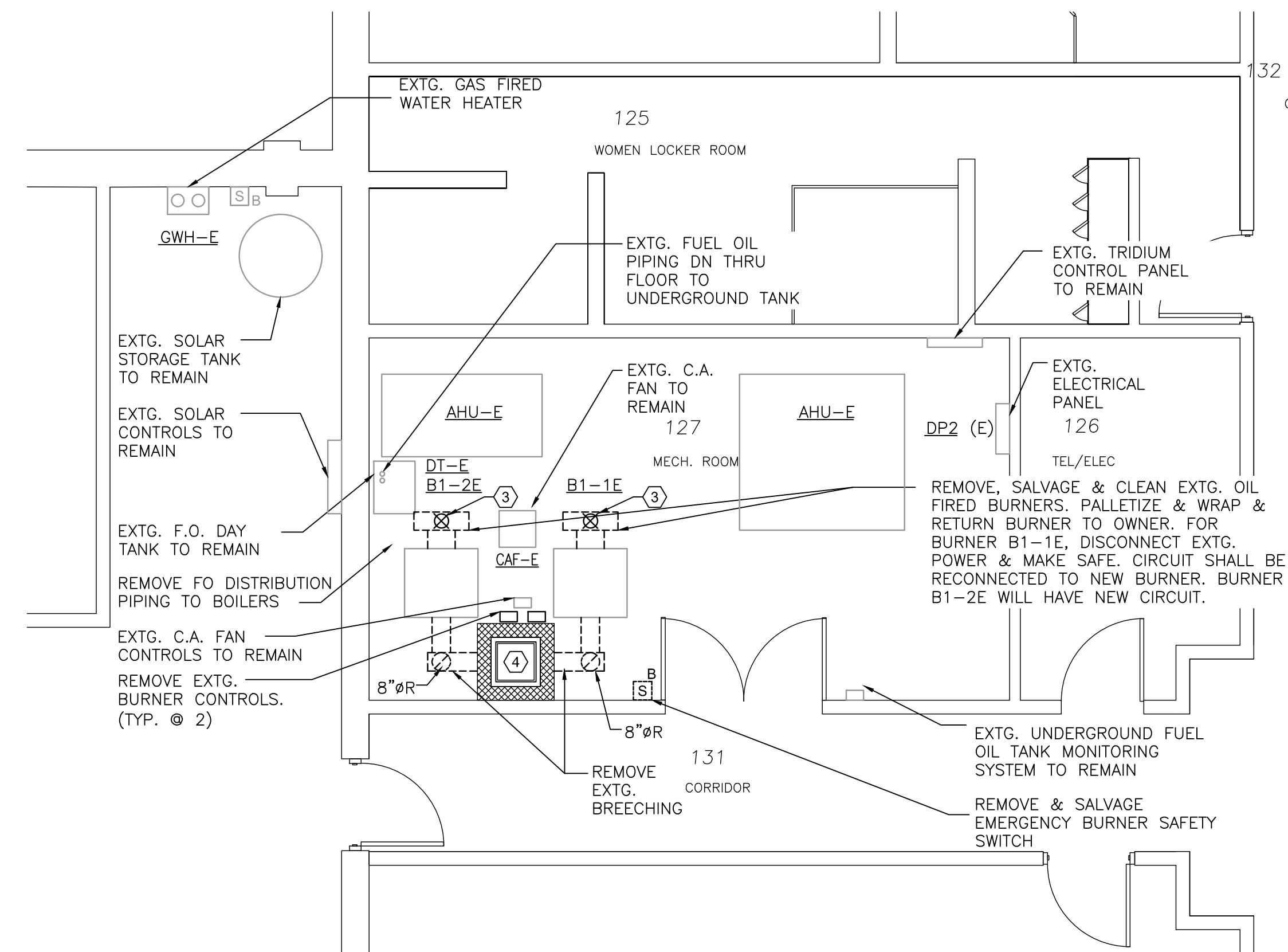
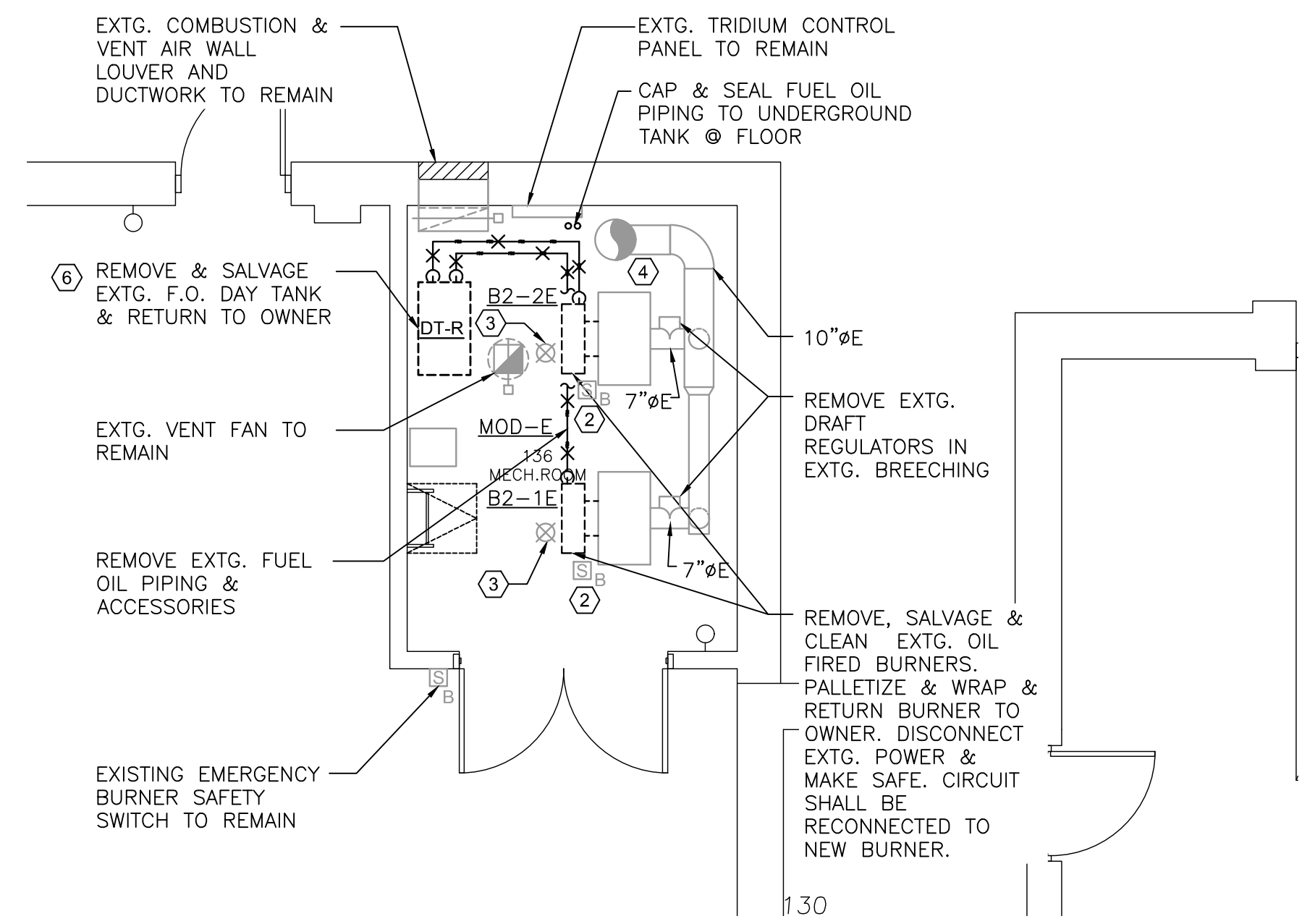
WATERVILLE CST NATURAL GAS CONVERSION
 WATERVILLE, MAINE
 PROJECT DESCRIPTION
 OVERALL FLOOR PLAN

PLAN PROGRESS

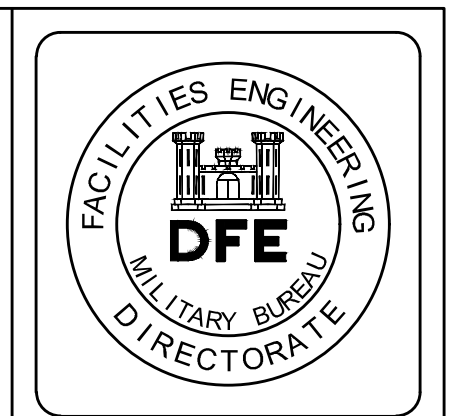
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<input type="checkbox"/> 50% REVIEW
<input type="checkbox"/> 95% REVIEW
<input type="checkbox"/> FINAL REVIEW
<input checked="" type="checkbox"/> FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTRUCTION
<input type="checkbox"/> RECORD DRAWINGS

SHEET ID:
 ME101
 SHEET: 3 OF 5





- TECHNICAL NOTES:
- 1 NOT USED
 - 2 EXISTING BURNER SERVICE SWITCH MOUNTED ON BOILER TO REMAIN.
 - 3 EXISTING CEILING MOUNTED THERMAL CUT-OFF SWITCH TO REMAIN.
 - 4 CLEAN EXISTING CHIMNEY AND REMOVE ASH AND DEBRIS FROM BASE OF CHIMNEY.
 - 5 RECONNECT EXISTING ELECTRICAL CIRCUIT TO NEW EQUIPMENT.
 - 6 EXISTING F.O. TANKS TO BE REMOVED- REMOVE ALL EXISTING ASSOCIATED CONDUCTORS BACK TO PANEL. TURN OFF ASSOCIATED CIRCUIT BREAKER AND LABEL AS "SPARE."
 - 7 RUN NEW CIRCUIT TO EXISTING 1P-20A SPARE CIRCUIT BREAKER AT PANEL DP2 (2#12 & 1#12G. IN 3/4" CONDUIT).
 - 8 INSTALL BURNER SWITCH ON BOILER. WIRE INTO EXISTING ELECTRICAL CIRCUIT PER DETAIL E11/ME501. SWITCH SHALL HAVE BLANK GALVANIZED COVER.



PLAN REVISIONS	
Rev#	Description
1	ADDITION #1
	Date 06.22.20
	Appr.

DESIGNED BY: AJR	DRAWN BY: CGB	CHECKED BY: AJR	DATE: 04.15.19	SCALE:	DFE PROJECT NO: 23SR14-438-D
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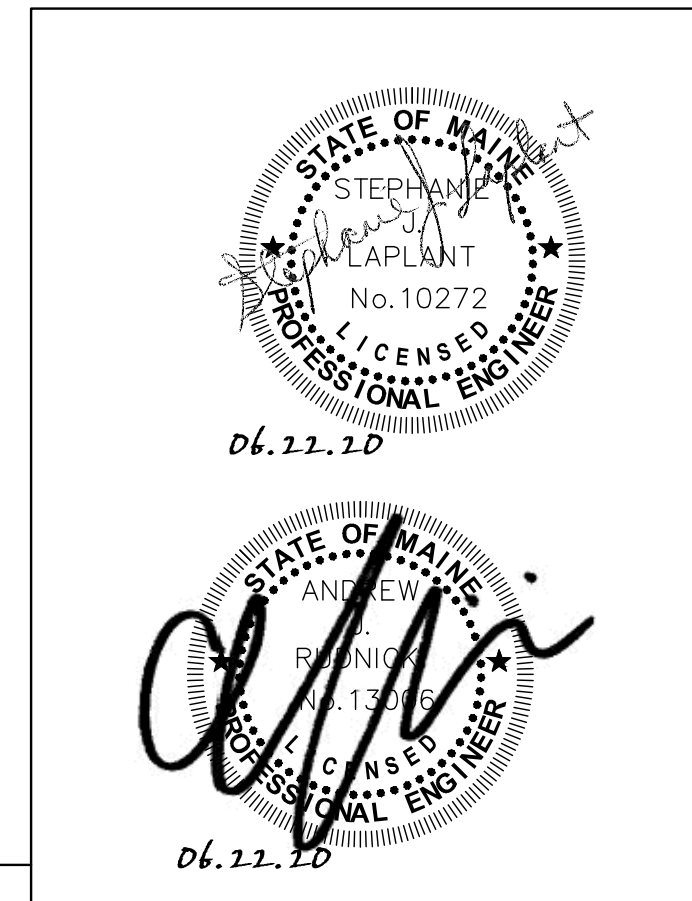
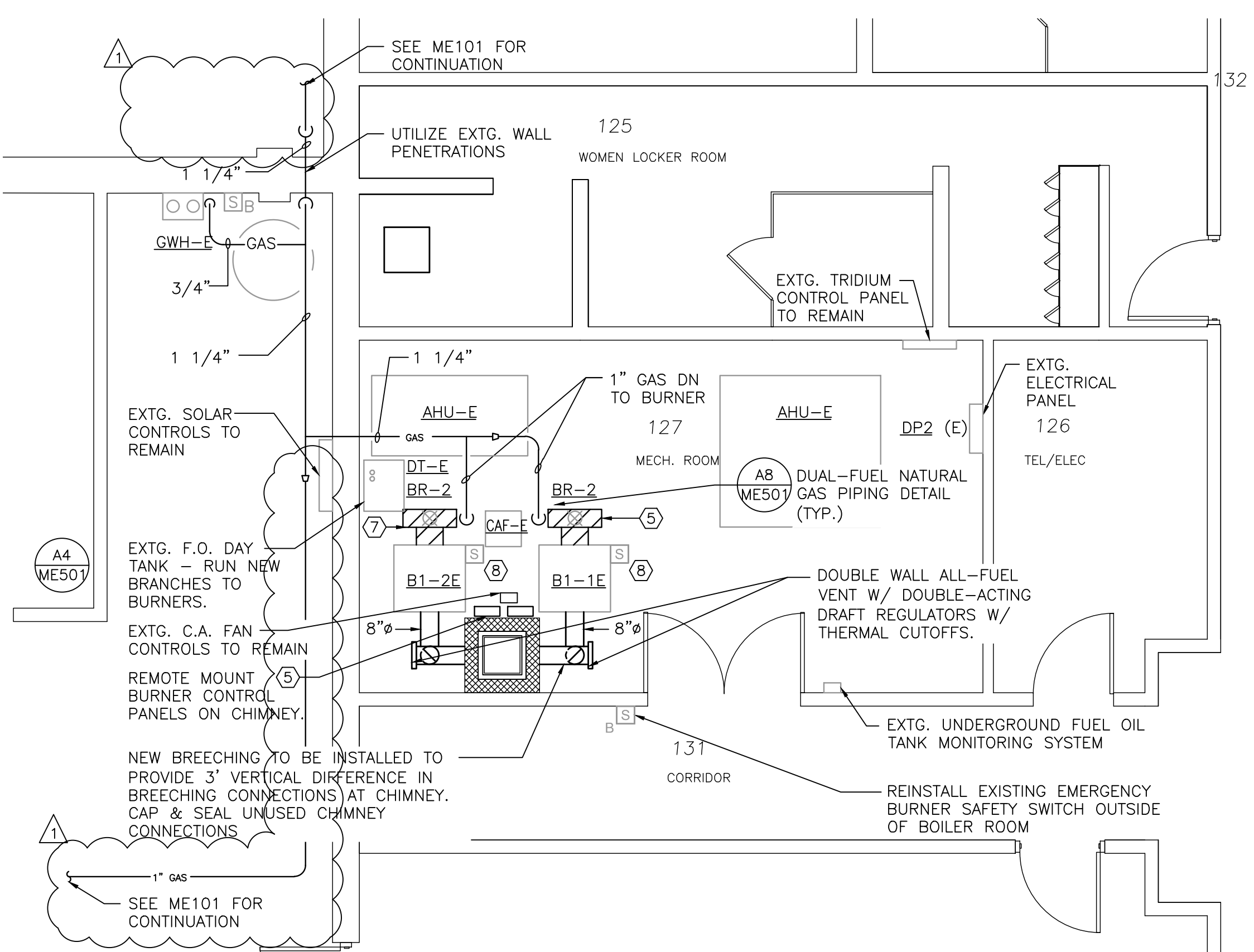
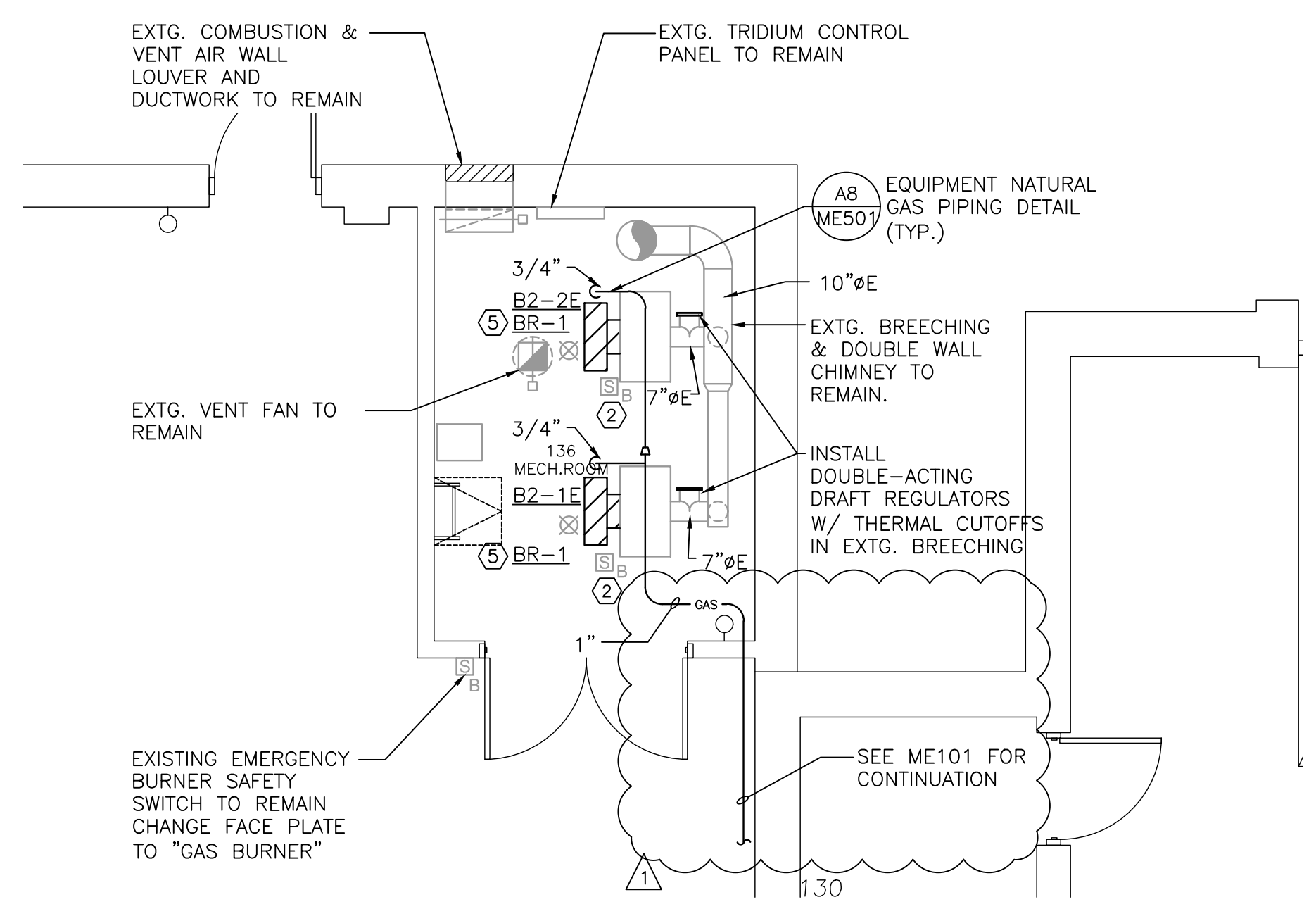
STATE OF MAINE
DEPARTMENT OF DEFENSE, VETERANS
AND EMERGENCY MANAGEMENT
WBRC ARCHITECTS - ENGINEERS
44 CENTRAL STREET
BANGOR, MAINE
207-947-4511

F1 MECH. 136 ENLARGED DEMO PLAN

F8 MECH. 127 ENLARGED DEMO PLAN

1/4" = 1'-0"

1/4" = 1'-0"



A1 MECH. 136 ENLARGED PLAN

A8 MECH. 127 ENLARGED PLAN

1/4" = 1'-0"

1/4" = 1'-0"

WATERVILLE CST NATURAL GAS CONVERSION
WATERVILLE, MAINE
PROJECT DESCRIPTION
MECHANICAL & ELECTRICAL
ENLARGED PLANS

PLAN PROGRESS	
<input type="checkbox"/>	DRAFT
<input type="checkbox"/>	35% REVIEW
<input type="checkbox"/>	50% REVIEW
<input type="checkbox"/>	95% REVIEW
<input type="checkbox"/>	FINAL REVIEW
<input checked="" type="checkbox"/>	FOR BIDDING
<input type="checkbox"/>	ISSUED FOR CONSTRUCTION
<input type="checkbox"/>	RECORD DRAWINGS

SHEET ID:
ME401
SHEET: 4 OF 5

Department of Defense, Veterans and Emergency Management
Directorate of Facilities Engineering

PRE-BID CONFERENCE *MINUTES*

**WATERVILLE CST NATURAL GAS CONVERSION, PN 23SR14-438
17 JUNE 2020
WATERVILLE CST FACILITY, 31 ARMORY DRIVE, WATERVILLE,
MAINE**

A. Attendees

- 1) Owner: Maine Army National Guard, Marc Dube, marc.r.dube2.nfg@mail.mil. Project Manager for this project is Darlene Estabrook, darlene.s.estabrook.nfg@mail.mil.
- 2) Consultant: WBRC Architects Engineers, Andrew Rudnicki, Mechanical Engineer
- 3) General Contractors
 - a) Be sure to fill in the sign-in sheet, this is the list used to distribute Addenda.
 - b) Subcontractors.
- 4) The complete list of attendees will be distributed as part of meeting minutes.
 - a) ***Attendance sign-in sheet collected at meeting.***

B. General Information on Bid Process

- 1) Sign-in sheet
 - a) Must be legibly filled out to insure firms are credited with attending the mandatory Pre-Bid Conference.
- 2) Mandatory attendance for all Contractors intending to submit a bid.
- 3) Contractors not listed on the sign-in sheet WILL NOT be able to submit a bid.
- 4) Contract Award timeline:
 - a) Invitation to Bid 8 June 2020
 - b) Bid Docs Available 8 June 2020
 - c) Pre Bid Conference 9:00am, 17 June 2020
 - d) Deadline for Bid RFIs 4:00pm, 24 June 2020
 - e) Final Addendum issued 72 hours prior to bid opening
 - f) Bid Opening (***Building 7, Camp Keyes***) 2:00pm, 1 July 2020
 - g) Award Contract on or about 15 July 2020
- 5) Bid Bond requirements:
 - a) Bid Bond or Cashier's Check for 5% of the bid amount required.
 - b) Bid amount shall be equal to the subtotal from the Bid Form
 - c) Use Contractor Bid Bond form provided in section 00 43 13
- 6) Access to bidding documents, including Addenda:
 - a) Electronic copies of Contract Documents are available from the Contract Specialist, Ms. Sherrill Hallett.
 - b) All Addenda will be issued electronically **ONLY** by the Contract Grant Specialist, Ms. Sherrill Hallett to registered Contractors. Again, ensure that all required information is provided on the sign-in sheet.
 - c) Addenda will be issued after the Bid RFI deadline of 24 June 2020 and prior to 72 hours before the bid opening.
- 7) Clarifications during bidding (RFIs)
 - a) Submit **contractual RFIs** to Ms. Sherrill Hallett at sherrill.l.hallett.nfg@mail.mil.
 - b) Submit **technical RFIs** to Darlene Estabrook at darlene.s.estabrook.nfg@mail.mil.

**Department of Defense, Veterans and Emergency Management
Directorate of Facilities Engineering**

PRE-BID CONFERENCE *MINUTES*

- c) Deadline for submittal of RFIs is 4:00pm, June 24, 2020.
- d) It is recommended that bidders submit RFIs early in this process.
- 8) Bid Submission
 - a) Bids shall be addressed, packaged and labeled as specified in 00 11 13, section 1, Notice to Contractors.
 - b) Contractors are responsible to ensure their bids are HAND DELIVERED to the contracting office prior to the 2:00pm, 1 July 2020 deadline. This deadline will be STRICTLY enforced. Late bids will not be accepted by the contracting office.
 - c) Contractors are responsible to ensure their bids are complete and have the required bonds. Any and all addenda will be annotated on the bid form.
 - d) When you drop your bid off in person, make sure it is received and stamped in prior to leaving.
 - e) The Bid Form 00 41 13 must be legible, completely filled out and signed.
- 9) Contract
 - a) The selected Contractor shall execute a State of Maine Bureau of General Services Construction Contract IAW 00 52 13.
 - b) Bonds and insurance certificates will be required prior to contract execution.
 - c) It is the Owner's intent to execute this contract on or about July 15, 2020.
- 10) Bidders to review all project requirements.
- 11) Bidders will NOT be allowed access to the site after the Pre-bid Conference and prior to Bid Opening.
- 12) Bid Opening will be held on **1 July 2020**, at **2:00pm** in Bldg #7, Camp Keyes, Augusta, Maine. This will NOT be a public bid opening but will be recorded if bidders would like to view afterwards
- 13) The Contract Substantial Completion date is 23 September 2020.
- 14) The Contract Final Completions Date is 14 October 2020.
- 15) The Contract Expiration Date is 13 November 2020.
- 16) Liquidated Damages will be in the amount of \$250/day beyond the Substantial Completion Date.
- 17) COVID-19: MEARNG's goal is to keep its personnel and contractors safe during this difficult time. Currently face coverings shall be worn when workers are inside buildings and unable to stay more than 6 feet from other personnel. These precautions may change during the project. The MEARNG Project Manager shall notify the Contractor as conditions change.

C. Specific Information on Project (Andy Rudnicki)

- 1) Overall scope of work:
 - a) Conversion of existing boiler units at the Waterville CST facility from #2 fuel oil to natural gas. Four boilers will be effected with the two boilers in the main facility having dual fuel (#2 fuel oil and natural gas) capability. Project will also consist of natural gas piping from building gas connection to the boilers, and the installation of a natural gas meter.
- 2) Tour of the site and facility:
 - a) Contractors were taken on a tour of the facility locations where the work will take place. These locations included Mechanical Room 127, Mechanical Room 136 and the location of the natural gas regulator where the meter will be installed.

Department of Defense, Veterans and Emergency Management
Directorate of Facilities Engineering

PRE-BID CONFERENCE *MINUTES*

3) **Contractor Questions and Comments:**

- a) *Q: Will new lining be required? A: No, cleaning of lining only required.*
- b) *Q: Where does natural gas enter the building? A: As shown on ME101 and ME401, natural gas will enter the building on the east side of the building in the vicinity of the overhead doors*
- c) *Q: Is the gas pressure 2 psi? A: The regulator at the building indicates pressure as 8-14 inches. The Owner will have to coordinate with natural gas provider to insure the regulator is rated at 2 psi.*
- d) *Q: Where will gas piping be run on the exterior of the building? A: The gas lines installed on the exterior of the building will be run under the eaves until the pipe enters the building.*

The Following Questions were asked of the Facility Manager after the contractors had left the site.

- e) *Q: Will a laydown area be provided? A: Yes, the contractor will be able to store material for the project at the back of the building (east side) either inside or outside the security fence. For ease of working on site, the contractor may want to store materials inside the security fence.*
 - f) *Q: Regarding access to spaces. A: The contractor will have to coordinate with the Facility Manager (MSG Noyes) to gain entry to the building, and to insure that mechanical spaces are free of obstructions.*
 - g) *General note: The unit housed at this facility is an “on-call” unit and can be called to duty at any time. If all unit personnel are required to leave the facility during normal working hours, the contractor will have to stop work and leave as well.*
- 4) Closing of the Pre Bid Conference; questions and answers will be distributed as soon as possible after the meeting.