

<b>Owner:</b>	Department of Veterans Affairs- Erie VAMC
<b>Project Title:</b>	Boiler Plant Replacement
<b>Owner Contract/Project No.:</b>	562-13-101
<b>HSH Project No.:</b>	12037

The following list is included in this Amendment.

**Specifications:**

1. None

**Drawings:**

1. SS201: Foundation Sections and Details:
  - A. Provide Concrete footings for the pre-manufactured shed as follows:
    1. Footing to be 3'-6" x 1'-0"
    2. Use #4 E.F. @ 12" OC for vertical (both sides)
    3. Use 3 #7 Continuous at Top and Bottom of the footing.
    4. Use #3 @ 18" OC around perimeter.
  
2. AS001: Construction Architectural Site Plan:
  - A. Add Sheet Keynote 11: Maintain egress from existing building, do not erect construction laydown area or fence any closer than 36" from the leading edge of the existing building 7.
  
  - B. Contractor to create and post signage at locations as direction by the COR on the construction fencing redirecting VA patients to use other driveway entrance.
  
3. AE103: Mezzanine Floor Plan:
  - A. Add Sheet Keynote 22: Floor slab opening for piping to first floor. Slab opening to be 2'-0" x 5'-0" and coordinated with Mechanical.
  
4. AE601: Schedules, Elevations and Details
  - A. Revise Hardware Sets on the Door Schedule as follows:  
 101A SH-12, 101B 5E, 101C 5E, 101E SH-12, 101F 5E, 101F 5E, 101G 5E, 102A SH-10, 102B SH-12, 103A 5B, 104 5B, 105 5B, 107A 5B, 107B SH-12, 108A 11B, 108B, SH-12, 108C 1, 109A 1, 109B 2, 109C 2, 110 5D, 111 3E, 112 SH-10, 113A 3E, 113B 5B, 113C 3E, 114 SH-10, 201 E1.
  
5. FX001: Fire Protection Legend, Notes and Details
  - A. Under Abbreviations add FACP – "Fire Alarm Control Panel"

6. FX101: Basement Floor Plan – Fire Protection
  - A. Relocate mains away from plan north wall to avoid ladder clearance.
  
7. P001: Plumbing Legend, Notes and Schedules
  - A. Add to General Plumbing Notes “T”, except to where separated by intervening structural floor.
  - B. Revise Pump Schedule to delete SP-2. (SP-1 is a duplex unit with two pumps.)
  - C. Revise Water Softener Schedule, note 3 should read “Provide regeneration alarm output to SCADA system.
  - D. Revise Dealkalizer Schedule, note 3 should read “Provide regeneration alarm output to SCADA system.
  
8. PD102: Plumbing Existing Bldg. 7 First Floor Demolition Plan
  - A. Add General Sheet Note D to read “No Demolition activity shall begin until hazardous material abatement is completed and turns over building for construction.”
  
9. PD103: Plumbing Existing Bldg. 7 First Floor Demolition Plan
  - A. Add General Sheet Note D to read “No Demolition activity shall begin until hazardous material abatement is completed and turns over building for construction.”
  
10. PD104: Plumbing Existing Bldg. 7 Mezzanine Demolition Plan
  - A. Add General Sheet Note D to read “No Demolition activity shall begin until hazardous material abatement is completed and turns over building for construction.”
  
11. PL102: Basement Floor Plan- Plumbing
  - A. Delete traps and trap primers from all floor drains and open site drains and delete any venting.
  - B. Delete 2” RPZ Backflow Preventer from soft water line to mechanical equipment. Add 3” cold water line with 3” RPZ Backflow Preventer to the left of Soft Water connection to be fed from 3” cold water line running adjacent to overhead soft water line.
  - C. Delete reference to SP-2 at the sump pump on the plan.
  
12. PL104: First Floor Plan- Plumbing Water
  - A. Delete in Boiler Room 101 trap primer valve and associated piping to all drains which flow through OW-1 oil water separator.
  - B. Reroute HW and CW to P-708 in Generator Room down west exterior wall to avoid dropping midair while above mezzanine.
  
13. PL105: First Floor Plan- Plumbing Waste
  - A. Delete venting of all drain lines that feed OW-1 oil water separator.
  
14. PL106: Mezzanine Floor Plan- Plumbing
  - A. Reroute HW and CW to P-708 in Generator Room down west exterior wall to avoid dropping midair while above mezzanine.
  - B. Delete venting of all drain lines that feed OW-1 oil water separator.

15. P301: Plumbing Riser
  - A. Delete venting of all drain lines that feed OW-1 oil water separator.
  - B. Delete reference to SP-2 at the sump pump.
  
16. P502: Plumbing Details
  - A. Detail B3/P502, delete references to insulation thickness and comply with specified requirements.
  
17. MP101- Basement Floor Plan- Mechanical
  - A. The (3) three floor drains located near equipment 7B-CP1, 7B-BDS1 and 7B-EC01 are to be replaced with Open Site Drains (OSD).
  
18. MP105- Existing Building 7 Basement Floor Plan- Mechanical:
  - A. Add (2) two isolation valves on the CW & SW near the existing surge tank.
  - B. Add (1) one hot tap for the new pumps 7-P1 and 7-P2.
  
19. MP301- Mechanical Sections
  - A. Revise Boiler Stacks shown with the addition of the outlet cone and expansion joint. Remove rain skirt.
  
20. MP504-Mechanical Details
  - A. E1/MP504 has been revised to show the addition of the outlet cone and expansion joint. Remove rain skirt.
  
21. MP505- Mechanical Details- (Sheet re-issued)
  - A. Revised detail F4/MP505
  - B. Add detail D1/MP505
  - C. Revised detail D3/MP505.
  - D. Revised detail D8/MP505.
  
22. MP602- Mechanical Schedules- (Sheet re-issued)
  - A. Revised Schedules
  
23. MP603- Mechanical Schedules
  - A. Revise Fan Schedule to remove note 7.
  - B. EF3 is thermostatically controlled.
  
24. MP701- Mechanical Steam Flow Diagrams
  - A. Add ¾" vent with isolation valve from piping at each boiler.
  
25. MP707- Mechanical Fuel Oil Diagrams and Details
  - A. Add pulsed output to totalizing input of SCADA.
  - B. Relocate fuel oil backpressure valve downstream of fuel oil supply meter and set discharge 3.0 psig.
  - C. Add bypass line between fuel oil supply and fuel oil return downstream of last boiler.
  - D. Add backpressure valve downstream of bypass. Set valve to be reverse acting. Modulate closed at 1.5 psig upstream pressure and open wide above 2.5 psig.

26. EP104: Roof Plan – Electrical (Sheet re-issued)
  - A. Add (4) Type 'G03' fixtures around roof perimeter, fastened to parapet wall 3' above roof. Provide switch control at top of ladder.
  
27. E702: Panel Schedules (Sheet re-issued)
  - A. Revised panelboard schedules.
  
28. E703: Equipment Connection Schedules (Sheet re-issued)
  - A. Added connection notes 15, 16 and 17 which apply to certain equipment items.
  
29. EL102: First Floor Plan – Lighting
  - A. In Shower (109B) change fixture type 'C19' to downlight type 'F14'
  
30. EL103: Mezzanine Floor Plan - Lighting
  - A. Add (4) Type J01 High Bay (Total of 12 Type J01) fixtures over boiler area.
  
31. EP101: Basement Floor Plan - Power and Communication
  - A. Connect (2) sump pumps (SP1, SP2), now designated (SP1A, SP1B) through wall-mounted control panel.
  
32. E401: Riser Diagrams
  - A. Added Note: "AN "IT" PRE-SUBMITTAL MEETING WILL BE REQUIRED PRIOR TOSUBMITTAL REVIEW WITH VA "IT" REPRESENTATIVE AND A/E. CONTRACTOR TO COORDINATE WITH COR 14 DAYS PRIOR TO MEETING.
  
33. E601: One Line Riser Diagram:
  - A. Add General Note: Provide new 225A, 120/208V 42 circuit MCB Panelboard with feed thru lugs fed from a new 125A/3P breaker in MDP via a new 75 KVA dry type transformer. Provide an additional 225A, 120/208V, 42-circuit panelboard fed from the feed thru lugs of the aforementioned panel. Designate panels as 'L6' and 'L7. Provide (42) 20A/1P branch breakers in each panelboard. Locate transformer and Panel 'L6' in the boiler room along column line 4.0. Locate 'L7' panelboard near MCC in the boiler room along column line 1.0. Feeders to match scenarios of panel L1 /L2.

End of Amendment 03