



**ADDENDUM NO. 3 TO PROJECT NO. Q1604**

**HVAC AND ELECTRICAL WORK  
 PROVIDE TEMPORARY BOILER CONNECTIONS  
 FOR TRAILER MOUNTED EMERGENCY HOT WATER BOILER  
 DOWNSTATE CORRECTIONAL FACILITY  
 121 RED SCHOOLHOUSE ROAD  
 FISHKILL, NY 12524**

April 14, 2014

**NOTE:** This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

**HVAC SPECIFICATIONS**

1. Section 230700 - Piping Insulation:

a. Article 2.01: Add Paragraph D:

"D. Flexible Elastomeric Foam Insulation:

1. FM tested and approved, meeting the following:
  - a. Maximum Water Vapor Transmission: 0.10 perm - inch based on ASTM E 96, Procedure A.
  - b. K of 0.27 at 75 degrees F based on ASTM C 518 or C 177.
  - c. Fire Spread/Smoke Developed Rating: 25/50 or less based on ASTM E 84.
2. Pipe Insulation: ASTM C 534, Type I.
3. Polyethylene and polyolefin insulation is not acceptable."

b. Subparagraph 3.07, B, 2, d: Add the following:

"Except as indicated in schedule."

c. Article 3.09: Add the following

H	Exterior Heat Traced Fuel Oil	Elastomeric with aluminum jacket	All	1-1/2
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2. Section 232513 – Water Treatment, Closed Hot Water Heating System:

a. Delete Article 1.03.

b. Add Article 3.02.C as follows:

"C. Provide chemicals to treat volume of water added per this contract only."

## **ADDENDUM NO. 3 TO PROJECT NO. Q1604**

### **HVAC DRAWINGS**

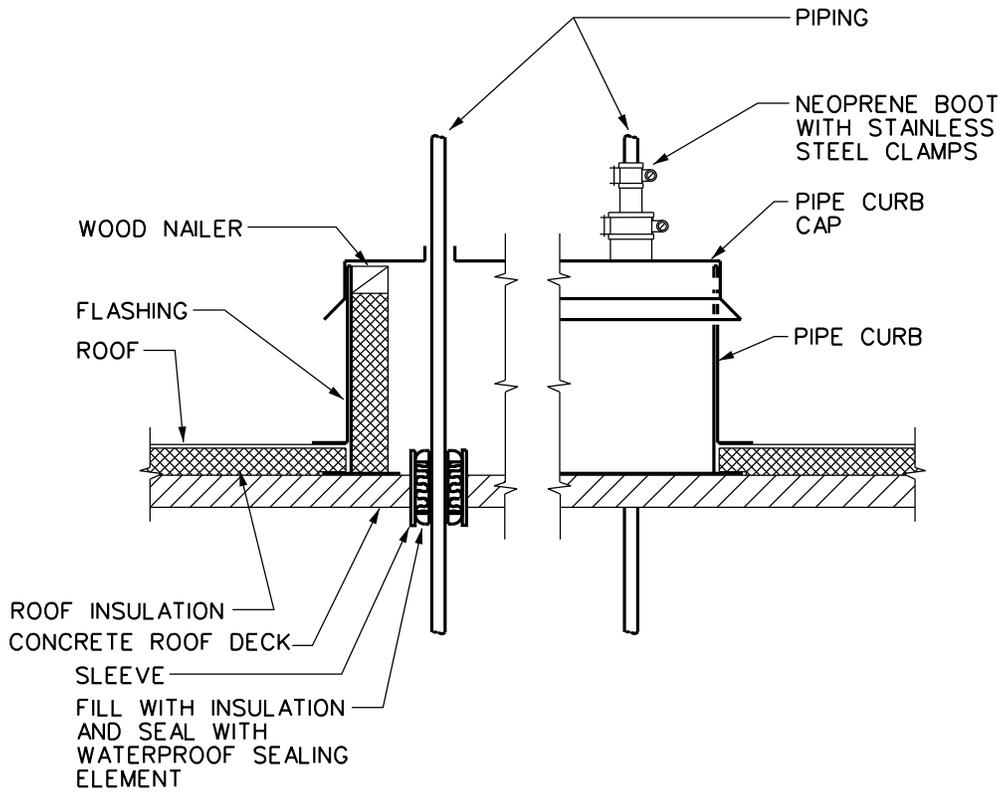
3. Drawing No. M-200:
  - a. Drawing Note 11, Add "Metraflex drawing number 020314.01, 8" weld end nest Metraloops with universal tied expansion joint."
  - b. Drawing Note 14, Add "Refer to detail 5/M-500"
  - c. Refer to detail 4/M-501 for location of MTHWS and MTHWR connections to pump skid and "To Boiler and "From Boiler" connections. Final connection locations shall be coordinated with manufacturer.
  
4. Drawing No. M-202:
  - a. Add Drawing Note 10, "Provide 3/4" conduit from FS-1 to building exterior. Building location for Omntec panel shall be directly south of man door into Bay 3. Install Omntec panel on exterior wall. Conduit is for control wiring from fuel tank to Omntec panel on building. Hang conduit along with pipe in this route.
  
5. Drawing No. M-500:
  - a. Detail 3/M-500, Revise Note 4 to read "Provide roller hanger in accordance with detail 4/M-500."
  - b. Detail 3/M-500, Add to Note 7, "Secure base to roof at first and last support of piping run on roof. Provide epoxy anchor bolt, 1/2" bolt, nut/washer, silicon seal for anchoring.
  - c. Detail 3/M-500, Add Detail Note C, "Existing Building 6 roof warranty has expired."
  - d. Add Detail 5/M-500 Pipe Curb Detail. Refer to attached Sketch ADD-03-SK-M01.
  
6. Drawing No. M-501:
  - a. Detail 4/M-501, pipe labels 'MTWS" and 'MTWR' should be labeled 'MTHWS" and 'MTHWR' respectively.

### **ELECTRICAL DRAWINGS**

7. Drawing No. E-103:
  - a. Provide 120 vac power to Omntec panel via 3#10 AWG (hot, neutral and equipment ground) in 1/2" GRS conduit form a dedicated 1 pole, 20 amp circuit breaker in panel PP-LL-TB. Terminate power in leak detection panel (Omntec). Coordinate location with cut sheet for leak detection panel.

**END OF ADDENDUM**

Margaret F. Larkin  
Acting Executive Director



DETAIL NOTES:

- A. CUT BACK INSULATION AND PROVIDE FLASHING.
- B. LOCATE, SET AND SECURE CURB.
- C. PROVIDE SHIMS WHERE REQUIRED TO LEVEL SUPPORT.
- D. CONFIRM EXISTING ROOF CONSTRUCTION IN FIELD. DETAIL SHOWS ROOF CONSTRUCTION BASED ON FIELD DISCUSSIONS ONLY.

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<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 15px; height: 15px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">5</div> </div>	<b>PIPE CURB DETAIL</b>
M-500	SCALE: NONE

81/2"x 11" PLOT SHEET



CONTRACT:	HVAC
PROJECT NO:	Q1604-H
DATE:	APRIL 10, 2014
DRAWN:	PJW
APPROVED:	BAB



ADDENDUM NO. 3 REFERENCE DRAWING: M-500

SHEET TITLE: **PIPE CURB DETAIL**

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 DOWNSTATE CORRECTIONAL FACILITY  
 122 RED SCHOOLHOUSE ROAD  
 FISHKILL, NY 12524-0445

It is a violation of New York Education Law Article 145 Sec. 7209, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SHEET NO.: **ADD-03-SK-M01**