

ADDENDUM NO. 1

WATER TREATMENT PLANT IMPROVEMENTS WALKER COUNTY WATER & SEWERAGE AUTHORITY

The following changes shall be made to the Contract Documents, Specifications, Special Notes, and Drawings:

I. CONTRACT DOCUMENTS

- A. *Advertisement for Bids, Page 00 11 00***
DELETE "August 25" and SUBSTITUTE therefor: "September 1"
- B. *Bid Schedule, Pages 00 42 00-1 and -2***
DELETE Pages 00 42 00-1 and -2, and SUBSTITUTE therefor
Pages 00 42 00-1.1 and -2.1; these revisions corrected typographic errors.

II. SPECIFICATIONS

- A. *ADD Section 09 68 13 Carpet Tile***
Add pages 09 68 13-1 through -6; this is a new section.
- B. *REFER to Section 26 29 23.21 Variable Frequency Motor Controllers***
Eaton SVX series is an approved manufacturer for the VFDs on this job. VFDs shall be provided with active front ends in lieu of passive harmonic filters. All VFDs supplied shall be sized to match up with the motor FLA which they will be serving.
- C. *Section 40 05 13.53 Ductile Iron Pipe and Fittings Standard***
DELETE Page 40 05 13.53-5 and SUBSTITUTE therefor Page 40 05 13.53-5.1.
Paragraph 4 second line should read "AWWA."
- D. *Section 40 05 61 Valves***
DELETE Page 40 05 61-7 and -8 and SUBSTITUTE therefore Pages 40 05 61-7.1 and 40 05 61-8.1; only check valves were revised.
- E. *Section 40 23 00 Chemical Piping and Valves***
DELETE Pages 40 23 00-1 thru 40 23 00-5 and SUBSTITUTE therefor Pages 40 23 00-1.1 thru 40 23 00-5.1; references to chemicals used in this project were updated.
- F. *Section 40 90 00 Instrumentation and Control General Requirements***
Page 40 90 00-4 Paragraph 1.6 A: DELETE M/R Systems, Inc. of Norcross, Georgia and SUBSTITUTE therefor Lord & Co. of Fort Mill, SC.
- G. *Section 43 41 16.20 High Density Cross-Linked Polyethylene Storage Tanks***
DELETE Pages 43 41 16.20-1 thru 43 41 16.20-10 and SUBSTITUTE therefor Pages 40 41 16.20-1.1 thru 40 41 16.20-10.1; references to chemicals used in this project were updated.

H. Section 46 33 42 Chemical Metering Pumps

DELETE Pages 46 33 42-1 thru 46 33 42-5 and SUBSTITUTE therefor Pages 46 33 42-1.1 thru 46 33 42-11.1; references to chemicals used in this project were updated.

I. Section 46 33 66 Chemical Transfer Pumps

DELETE Pages 46 33 66-1 thru 46 33 66-3 and SUBSTITUTE therefor Pages 46 33 66-1.1 thru 46 33 66-3.1; references to chemicals used in this project were updated.

III. CONTRACT DRAWINGS:

A. Changes to the Civil Site Drawings:

1. Deletion of proposed new ditch: This previously proposed ditch was to be excavated between existing Clearwell Tanks #1 and #2 shown in plan view on Drawings C-003.02 and C-004.02 and shown in section view on Drawing C-110.
2. Rerouting of 4" PVC Force Main and 8" PVC gravity drain; shown on Drawing C-102:
a) 4" PVC force main will be connected to existing 6" force main instead of new manhole; b) 8" PVC gravity drain will connect to existing sanitary sewer on west side of existing Operations Building instead of new manhole.
3. Vehicular Gate Revisions: Added new electric motor driven sliding gate at east entrance road; and relocated existing electric motor driven sliding gate to western entrance road. See revised Drawing C-102.
4. General Site Work Revisions: General corrections and minor revisions are shown on the following revised drawings which are attached: These revisions include new stormwater piping reduced to 18-inch, monitoring MH's moved to pond dike overflow, 18-inch Palmer-Bolus flume replaces 10-inch Parshall flume, existing 18-inch overflow pipe is to remain and will not be replaced and rock excavation as defined in the specifications will be avoided in the construction of the pond allowing an irregular bottom and sides of similar capacity.: C-002, C-003, C-004, C-011, C-102, C-103, C104, C-105, C-110, C-112

B. Changes to the Mechanical Process Drawings:

1. 8" PVC Gravity Drain Revisions: The 8" drain which connected to CIP Tank T5001, CIP Tank T5101, Neutralization Tank, and containment sumps was rerouted. Instead of connecting to a manhole on the east side of the new Membrane Building, it will flow in the opposite direction and connect to an existing sanitary sewer manhole on the west side of the existing Operations Building. The revision of this drain route is shown on the attached revised Drawings M-203, M-207, M-302, M-303, M-310, and M-311. This drain is also shown on revised Drawing C-102.
2. 4" PVC Neutralization Force Main Revisions: The 4" force main, through which the contents of the Neutralization Tank will be emptied, will be pumped to an existing 4" force main on the east side of the new Membrane Building, in lieu of connecting to a manhole on the east side of the new Membrane Building. See revised Drawings C-102 and M-302.
3. Drawing M-323: Add the following: "Note: The two "Filling Stations", one for four hose couplings, and one for three hose couplings, which are shown in detail on this drawing are to be mounted on the exterior of the Membrane Building opposite the locations indicated on Drawing M-314. Use 304 SS mounting hardware."
4. Drawing M-324:
In Section A: Revise the description of the Day Tank Scale for Sodium Hypochlorite to read: "Force Flow 50LPHA4-50 Scale, with "Tuf-coat" coating, and with Solo G2 dual channel indicator, or approved equal."

In Section B: Revise the description of the Day Tank Scale for Fluoride (Fluorosilicic Acid) to read: "Force Flow 36DR-20 Scale, with "Tuf-coat" coating, and with Solo G2 single channel indicator, or approved equal."

5. Drawing M-402:

Regarding High Service Pump #1 Pratt Control Valve: The change of this control valve described in a note on this drawing is deleted from this project.

C. Changes to the Structural Drawings:

1. Added slab support angle to Detail 7 S-209; see attached revised Drawing S-209

D. Changes to the Architectural Drawings:

1. Changed floor finish in Office 210. See attached revised drawing A-207
2. Added window in Office 210 and Office 213. See attached drawings A-200, A-201, A-202, A-203 and A-212
3. On Drawing A-209, Section 2: Delete the ceiling mounted shower and hand pull, which is shown in two views.

E. Changes to the Electrical Drawings:

1. On Drawing E-205:

Provide 120V 1/2 HP manual motor starter with auxiliary contact in a NEMA 4X enclosure for sump pump located on the West end of the Operations Building Basement. Extend 2#10, #10gnd, 3/4"C to panel "B" and connect to dedicated 20/1 breaker. Extend 3/4"C 4#14 to CP101 for monitoring.

2. On Drawing E-400:

Provide 120V 1/2 HP manual motor starter with auxiliary contact in a NEMA 4X enclosure for a sump pump located in the lower level of the High Service Building. Extend 2#10, #10gnd, 3/4"C to panel "HS2" and connect to dedicated 20/1 beaker. Extend 3/4"C 4#14 to CP100 for monitoring.

DELETE the starter and wiring associated with hex mote B on this sheet.

F. Changes to the Plumbing Drawings:

1. General revisions were made in the Plumbing Fixture Schedule; see attached Drawing P-001.

August 18, 2022

(Date)

WALKER COUNTY WATER & SEWERAGE AUTHORITY
/s/ Brandon Whitley, General Manager