DOCUMENT 00910

ADDENDUM NUMBER 2

DATE: August 15, 2025

PROJECT: Contract 4 – Walnut Creek Wastewater Treatment Plant Improvements

PROJECT NUMBER: R021022458
CWSRF Project No. CS010835-03

OWNER: City of Troy

ENGINEER: Three Notch Group, Inc.
1962 West Main Street
Dothan, Alabama 36301

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated July 25, 2025.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of five (5) pages.

CLARIFICATIONS:

1. This project has a Build America, Buy America (BABA) Act waiver.

2. Question – *"Does Troy have any as-builts for the septage/grit pits to be lined? We need to know square footage to better quote."*
   a. Response – The septage/grease pits are approximately 14 feet by 24 feet by 12 feet. Contractor shall visit the site prior to bidding on the project to confirm dimensions of each pit as outlined in Section 01200.

3. Question – *"Can we get the diameter on the 3ea. clarifiers?"*
   a. Response – Clarifiers 1 and 2 are approximately 80 feet in diameter and clarifier 3 is approximately 100 feet in diameter. Contractor shall visit the site prior to bidding on the project to confirm dimensions of equipment required as outlined in Section 01200.

4. Question – *"What is the treated water quality expected from the Metsorb media? What is the target of removal from this system?"*
   a. Response – See updates to Project Manual outlined below for Sections 13200 and 13250.

5. Question – *"Are we just providing the equipment/media or are we also responsible for a performance guarantee? If yes, we need a complete water analysis based on contaminant levels in the effluent/treated water."*

a. Response – Analysis shall be completed during the pilot testing of the filtration system as outlined in the Bid Item No. 3 – Filtration Equipment description in Section 01200. A process guarantee is not required.

6. Question – *"Can you confirm the filter peak hour flow?"*
   a. Response – All equipment included as part of Bid Item No. 3 – Filtration Equipment (package lift stations in Section 11217, tertiary cloth media filter in Section 13200, and packaged granular media and resin filter system in Section 13250) is sized for 1.5 MGD (1,050 gpm) to operate as an integrated system.

7. Question – *"ALT Bid Item #7: Are precision bearing drives also acceptable in addition to the hydraulic drives outlined in Section 11351?"*
   a. Response – Yes, precision bearing drives are acceptable.

CHANGES TO THE PROJECT MANUAL:

DOCUMENT 01200 – PRICE AND PAYMENT PROCEDURES

1. Update Bid Item No. 3 – Filtration Equipment description listed in Section 1.7, C. as follows: *Includes furnishing all labor, materials and equipment to install new packaged lift stations as outlined in Section 11217 and shown on Drawings, new cloth media disc filtration equipment in stainless steel tankage in accordance with Section 13200 and shown on Drawings, and new packaged granular media and resin filter system in accordance with Section 13250 and shown on Drawings, and all associated appurtenances, site improvements, concrete support slabs, pipe improvements and support processes outlined in the Contract Documents. Also includes supplying equipment suitable to complete pilot testing of the filtration equipment to include cloth media filtration, granular media and resin filtration, transfer pumps, temporary piping and valves, controls, and all appurtenances necessary to comprise a complete and functional pilot system for a period of up to 30-days as part of the lump sum bid amount. Scale testing may be considered as long as the flow is no less than 50% of that of the designed system. Piloting efforts shall be completed as soon as practical once the project is awarded. The intent of the piloting efforts is to confirm the final design criteria selection for the equipment outlined in Sections 13200 and 13250 prior to equipment being ordered. Water sampling and laboratory analysis shall be performed at the influent to the cloth filter, influent to granular media and resin filter, and effluent from granular media and resin filter for those design criteria constituents at a frequency adequate to indicate system performance but in no case less than one sampling event for every 7 days of operation. Owner will provide required composite samplers and laboratory analysis. Granular media and resin filter equipment supplier shall provide particle size distribution laboratory results. Should the piloting efforts result in design criteria that vary from those outlined in the specifications, a change order will be coordinated with the Contractor to accommodate the additional or deducted work of this Bid Item. Payment will be made at the contract lump sum price bid and shall include any incidentals necessary to complete the work in accordance with the plans and specifications.*

DOCUMENT 13200 – TERTIARY CLOTH MEDIA FILTER EQUIPMENT

1. Update design criteria listed in Section 2.1, C. as follows:

Design Flow (MGD)	*1.5*
Average Feed TSS (mg/L)	*< 25*
Effluent TSS Required (mg/L)	*< 5*
Average Feed Metals Concentration (ug/L)	*< 10*
Effluent Metals Concentration Required (ug/L)	*< 2*
Number of Filter Units	*1*

Number of Media Elements per Filter	*10*
Submerged Cloth Surface Area per Filter Unit (ft^2)	*480*

Pilot testing will establish actual contaminant levels entering the cloth filter, entering the granular media and resin filter, and exiting the granular media and resin filter system. Additionally, influent characteristics outlined during the pilot testing should be carefully evaluated by the selected equipment manufacturers to ensure the proposed equipment operates as an integrated system to meet effluent requirements.

DOCUMENT 13250 – PACKAGED GRANULAR MEDIA AND RESIN FILTER SYSTEM

1. Update design criteria listed in Section 2.1, C. as follows:

Vessel Quantity	*2*
Maximum Flow per Vessel (gpm)	*525*
Vessel Diameter (inches)	*120*
Media Capacity per Vessel (ft^3)	*280*
Average Feed Metals Concentration (ug/L)	*< 2*
Effluent Metals Concentration Required (ug/L)	*< 0.5*

Pilot testing will establish actual contaminant levels entering the cloth filter, entering the granular media and resin filter, and exiting the granular media and resin filter system. Additionally, influent characteristics outlined during the pilot testing should be carefully evaluated by the selected equipment manufacturers to ensure the proposed equipment operates as an integrated system to meet effluent requirements.

CHANGES TO CONSTRUCTION PLANS:

1. Sheet C-403: Filtration System Lift Station – Plan Views
   a. Remove Sheet C-403: Filtration System Lift Station – Plan Views and replace with attached, updated Sheet C-403: Filtration System Lift Station – Plan Views notated as Addendum 2.

2. Sheet C-404: Filtration System Lift Station – Section Views
   a. Remove Sheet C-404: Filtration System Lift Station – Section Views and replace with attached, updated Sheet C-404: Filtration System Lift Station – Section Views notated as Addendum 2.

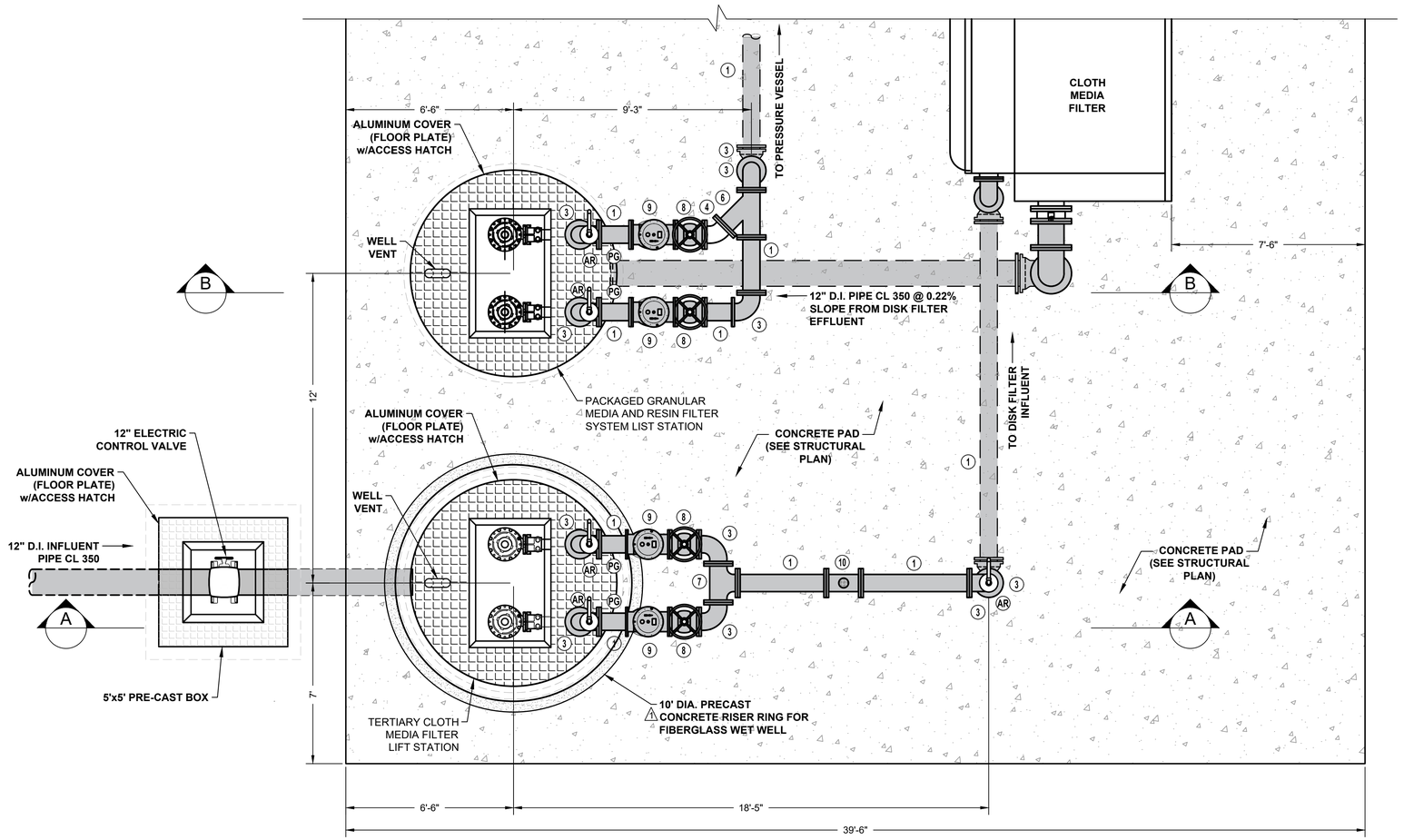
ISSUED THIS 15th DAY OF AUGUST 2025.

Carmen D. Chosie, PE
Project Manager

END OF DOCUMENT

GENERAL NOTES.

1. **CONTRACTOR SHALL VERIFY DEPTH OF EXIST. 24" BYPASS LINE CONNECTION AS SHOWN ON SHEET C-402 PRIOR TO ORDERING WET WELLS. CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER IF DEPTH OF LINE IS GREATER THAN INDICATED.**
2. ELECTRIC CONTROL VALVE TO BE INSTALLED AS BURIED TYPE VALVE AS PER MANUFACTURE RECOMMENDATIONS FOR WATER PROOF CONTROLS.
3. ELECTRIC CONTROL VALVE BOX SHALL BE INSTALLED WITH 24" THICK GRAVEL BASE WITH MINIMUM 18" CLEARANCE BELOW CONTROL VALVE.



PLAN VIEW

SCALE: 3/8"=1'-0"

EQUIPMENT SPEC SECTION	
02084	VALVES FOR WATER AND SEWER SYSTEMS
11217	PACKAGED LIFT STATION
11251	ELECTRIC VALVE ACTUATORS
11341	MAGNETIC FLOW METER

PIPING MATERIAL INDEX	
(1)	8" D.I. PIPE - LENGTH AS REQUIRED
(2)	8"x6" D.I. ECCENTRIC REDUCER
(3)	8" D.I. 90° BEND
(4)	8" D.I. 45° BEND
(5)	8" D.I. 22.5° BEND
(6)	8" D.I. WYE
(7)	8" D.I. TEE
(8)	8" PLUG VALVE
(9)	8" CHECK VALVE
(10)	8" FLOW METER
(AR)	AIR RELEASE VALVE, VENT BACK TO WET WELL
(PG)	2" DIAMETER GLYCERINE-FILLED PRESSURE GAUGE (0-60 PSI / DISCHARGE) WITH 1/2" TAP AND SHUT-OFF VALVE
(PS)	PIPE SUPPORT

PIPE & FITTING NOTES:

1. ALL M.J. PIPING SHALL BE TYPE 1 RESTRAINED JOINT (SEE "WATER DISTRIBUTION SYSTEMS" SPEC)
2. ALL D.I. PIPE SHALL BE CLASS 350
3. FLOW METER SHALL HAVE A MINIMUM 5 PIPE LENGTH INFLUENT SIDE AND MINIMUM 3 PIPE LENGTH EFFLUENT SIDE.
4. CONTRACTOR SHALL VERIFY FLOW METER MANUFACTURE MINIMUM CLEARANCES AND ADJUST LENGTHS AS REQUIRED.
5. LIFT STATION AIR RELEASE VALVES TO DRAIN BACK TO LIFT STATION.

0 2 4
SCALE: 3/8" = 1'-0"

NO.	REVISION/SUBMISSION	DATE:
1	ADDENDUM NO. 2	8.12.25

PROFESSIONAL SEAL:

COA: ECA105

ADDRESS:
1962 WEST MAIN STREET
DOTHAN, AL 36301
(334) 677-9431

THREE NOTCH GROUP

FINAL DRAWING-ISSUE FOR BIDDING

CONTRACT NO. 4 - WALNUT CREEK
WASTEWATER TREATMENT PLANT IMPROVEMENTS
CITY OF TROY
PIKE COUNTY, ALABAMA

PROJECT NO: 0622102458
DATE: 2025.08.12
SCALE: AS SHOWN
SHEET NO: C-403

DRAWING TITLE: FILTRATION SYSTEM LIFT STATION - PLAN VIEWS

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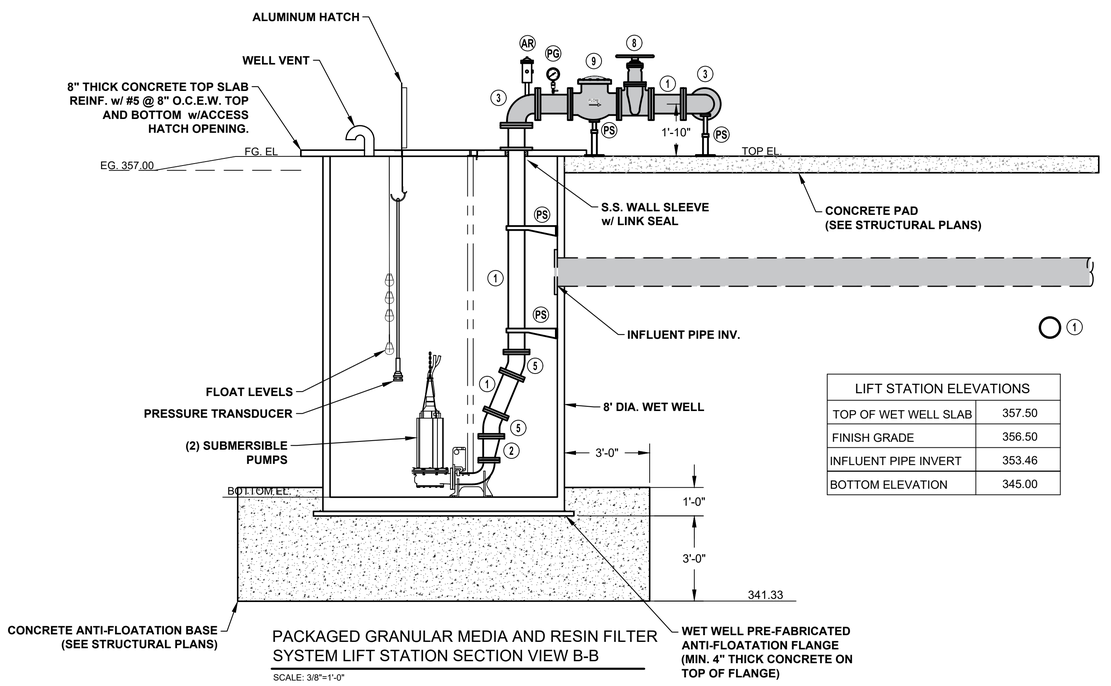

PACKAGED GRANULAR MEDIA AND RESIN FILTER SYSTEM LIFT STATION SECTION VIEW B-B

SCALE: 3/8"=1'-0"

LIFT STATION ELEVATIONS	
TOP OF WET WELL SLAB	357.50
FINISH GRADE	356.50
INFLUENT PIPE INVERT	353.46
BOTTOM ELEVATION	345.00

EQUIPMENT SPEC SECTION	
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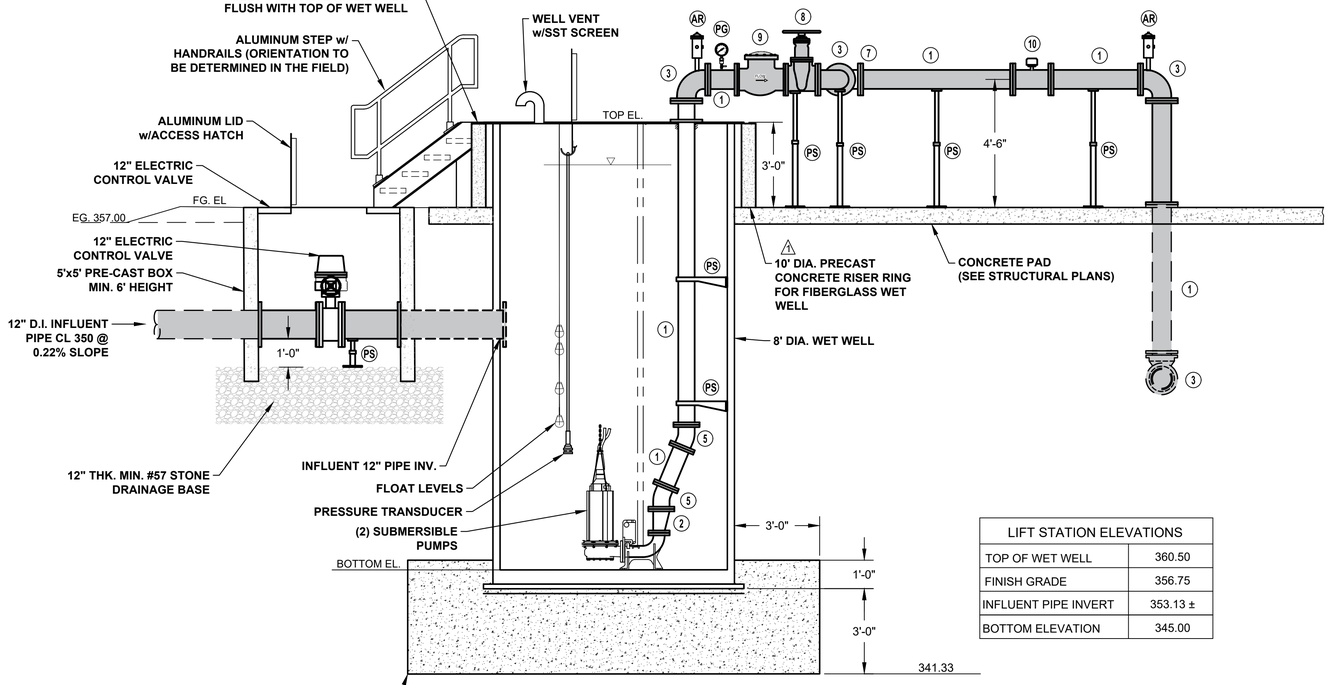

TERTIARY CLOTH MEDIA FILTER LIFT STATION SECTION VIEW A-A

LIFT STATION ELEVATIONS	
TOP OF WET WELL	360.50
FINISH GRADE	356.75
INFLUENT PIPE INVERT	353.13 ±
BOTTOM ELEVATION	345.00

0 2 4

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