

**CITY OF WINFIELD
PUTNAM COUNTY, WEST VIRGINIA**

CONTRACT NO. 1 – WASTEWATER TREATMENT PLANT IMPROVEMENTS

FEBURARY 5, 2020

ADDENDUM NO. 4

To whom it may concern:

A. BOILER PLATE

1. Bid Opening for Contract #1 **HAS BEEN MOVED TO** February 11, 2020 at 2:00 p.m. at the City of Winfield, 12448 Winfield Road, Winfield, WV.

B. SPECIFICATIONS

1. NOT APPLICABLE

C. DRAWINGS

1. **DELETE** Sheet S8 in its entirety and **REPLACE** with the attached Sheet S8.

D. QUESTIONS AND CLARIFICATIONS

The following are clarifications and responses to questions posed by Contractors and suppliers regarding the above referenced project.

1. **Clarification:** Contractor shall base their bid on SBR Equipment from Aqua-Aerobics Systems, Inc.
2. **Question:** Please consider adding more time (at least 90 days) to the contract between substantial completion and final completion. Currently it is 420 to substantial completion and 450 to final completion. There is a lot of work to be done especially at the lagoons from substantial completion to final completion. you will probably have 6 to 8 weeks in work of removing sludge not to mention the amount of time needed to perform the dirt work at the lagoons.

Answer: The contract times will remain at 420 days to substantial completion and 450 days to final completion. Abnormal Weather Conditions will be considered on a monthly basis and will be added to the contract time.

3. **Question:** SBR/Digester/Post EQ Tanks- Dwg 5B calls out compacted coarse crushed stone in lifts less than 8” until sufficient interlocking occurs (this is under the required 6” of stone beneath the slab). Specification 312316-3 3.4A states Excavate unsuitable material encountered to a depth of 1 foot below required elevation... any additional excavation of unsuitable materials beyond the 1 foot Will be measured as directed by the Engineer and paid for as a change order. Please clarify what the Contractor is responsible for. Are we only responsible for 1 foot of undercut (as per the spec) and the remaining undercut beyond the 1 foot will be handled by a change order? If this is not the case, please provide us with a depth of undercut & stone which we are responsible for under the SBR/Digester/Post EQ tank or please add a unit price bid item per cubic yard for undercut.

Answer: A minimum of 6” compacted aggregate base is required for the SBR/Digester/Post EQ tanks and the Contractor is responsible for any over excavation up to one (1) foot below the minimum 6” compacted aggregate base. Per Specification 312316-3 3.4A “Excavate unsuitable soil materials encountered to a depth of one (1) foot below the required elevations, or as directed by the Engineer. Any additional excavation of unsuitable materials beyond the one (1) foot, provided it is not due to the fault or neglect of the Contractor, will be measured as directed by the Engineer and paid for as a change in the quantity of Work.”

4. **Question:** What is the thickness of the asphalt paving base course shown on Sheet DET-8. Is it 4” (2 – 2” courses)? Or is it 4-1/2””? Please clarify.

Answer: The thickness of the asphalt paving base course shall be 4-1/2” placed in 2 – 2-1/4” lifts.

5. **Question:** Does the chain link fence (DET-4) get barbed wire and top rail? Detail on DET-4 indicates #1. Please advise

Answer: The chain link fence gets barbed wire and top rail per Style #2 on Sheet DET-4.

6. **Question:** Please clarify. Are the #9 dowels #901 in the SBR tank shown on Sheet S8 at 9” centers or at 6” centers? They are labeled both ways at Sections A/S2 & B/S2 at Sheet 8.

Answer: The vertical #9 dowels are on 9” centers, the horizontal #9 dowels are on 12” center, and the #901 dowels are on 9” centers. See revised Plan Sheet S8 attached to this addendum.

7. **Question:** Specification Section 085113 aluminum windows identifies a Kawneer NX3800 fixed window and Note 6 on the window schedules identifies fixed, tempered glazing but Note 4 on the window schedule says exterior windows shall be operable. My supplier has come back and indicated the NX3800 is only available as fixed so I was trying to determine if it’s fixed or if that should be one of the other NX3000 series windows.

Answer: Per Note 4 on the window schedule “All exterior windows shall be operable and supplied with screens. Please supply a NX3000 series window that is operable with a screen.

8. **Question:** Generator Specification 263213, 1.6.B.1, indicates warranty coverage of 5 years. Is this to cover parts, labor and travel expense, or just parts and labor?

Answer: The 5 year warranty coverage is to cover parts, labor, travel expenses, and any other ancillary costs.

9. **Question:** Will the minimum residual compression requirement of 125 PSI for an ACI 350 compliant Post-tensioned structure be required of all tank manufacturers as outlined in specification Section 034100 – Pre-Cast Structural Concrete?

Answer: Yes

10. **Question:** Who is responsible for the Supervisory Control and Data Acquisition (SCADA) system?

Answer: The Sequencing Batch Reactor (SBR) supplier is responsible for providing the SCADA system in accordance with Specification 463333.

If you have any questions or need any other information, please do not hesitate to contact me.

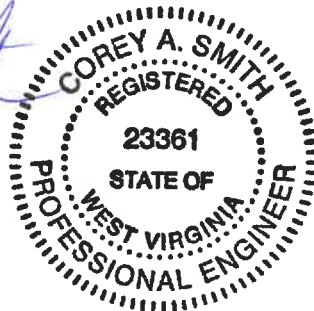
Sincerely,

THE THRASHER GROUP, INC.

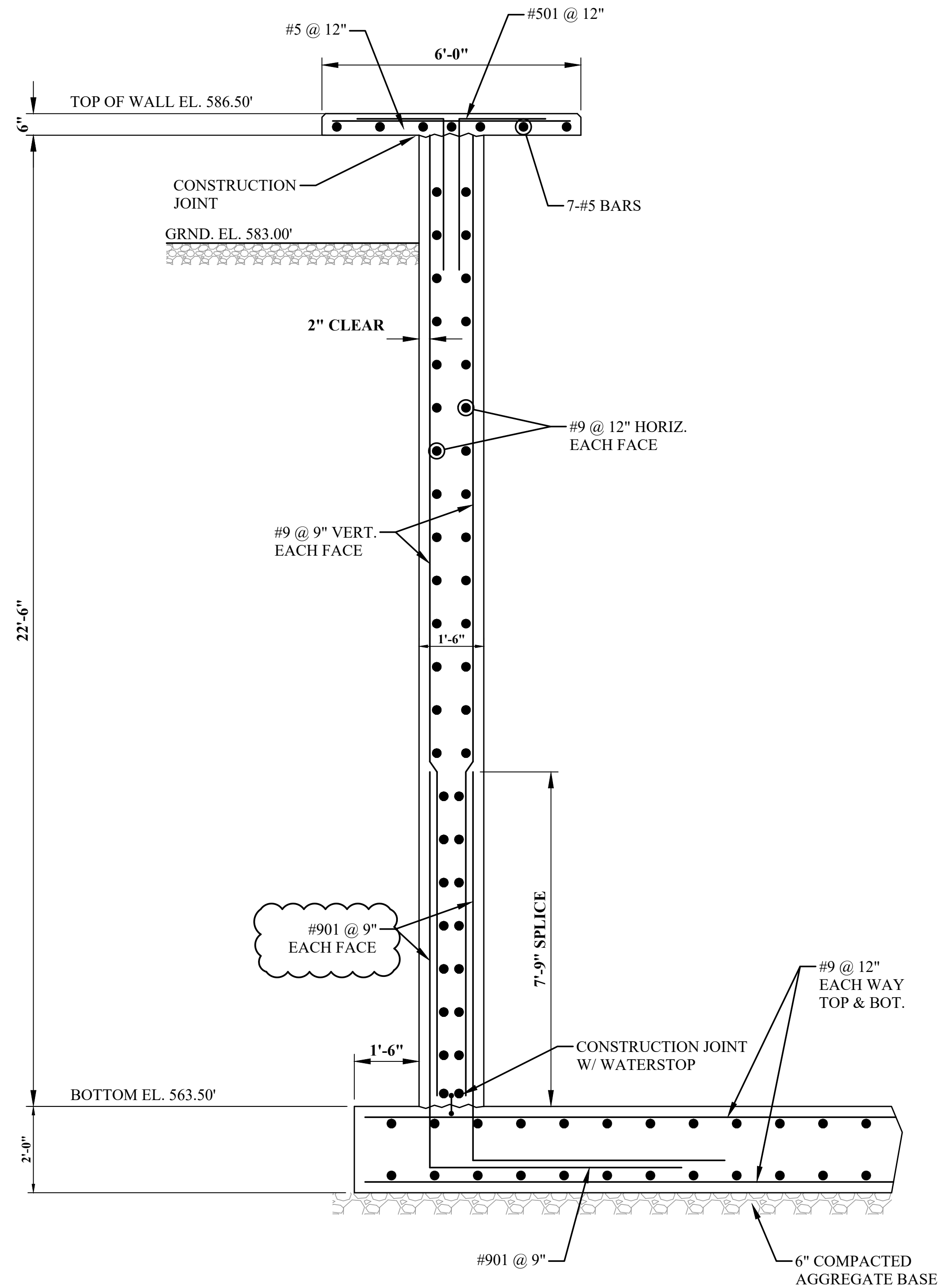


COREY SMITH, PE
Project Manager

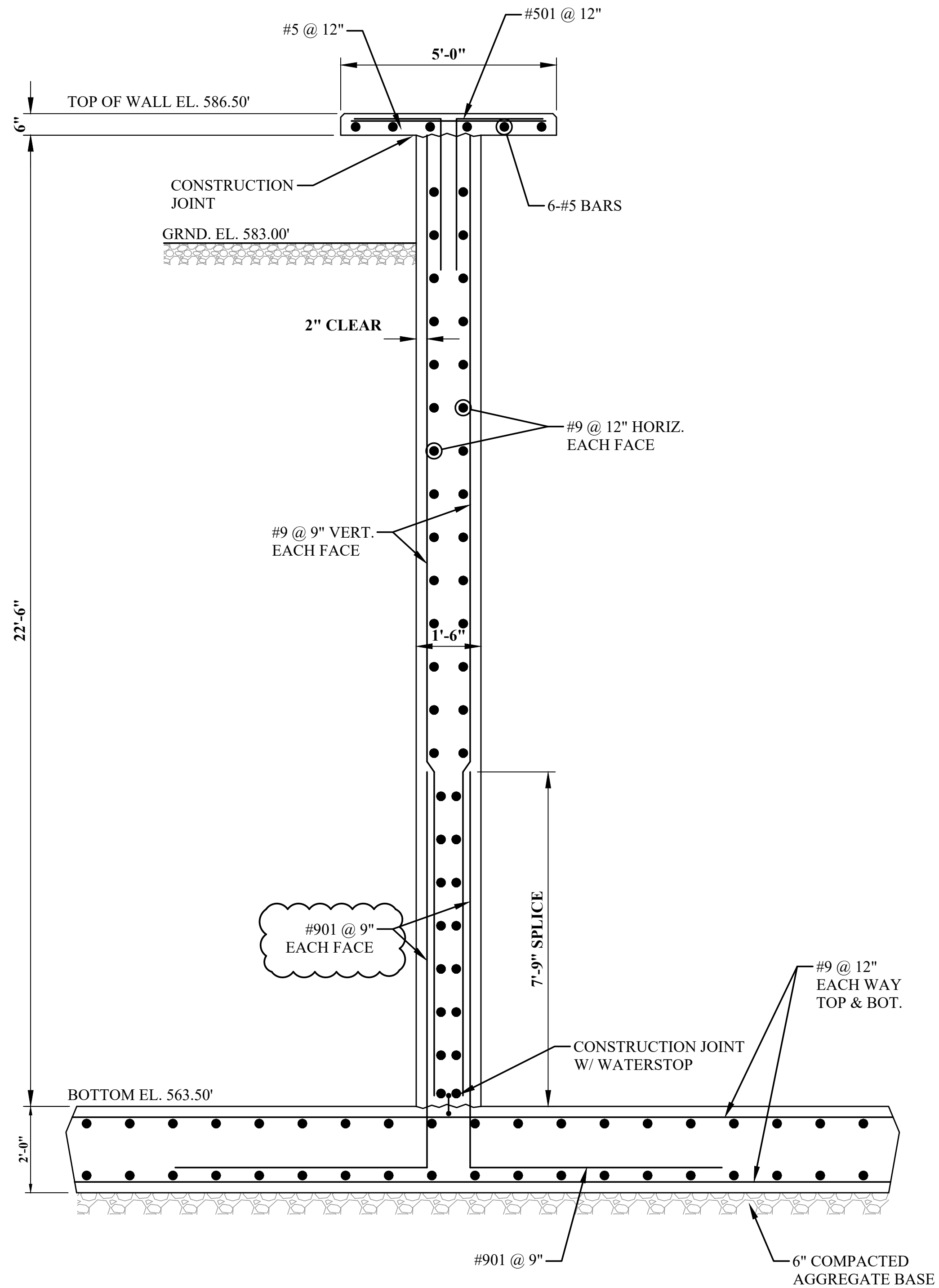
Enclosures



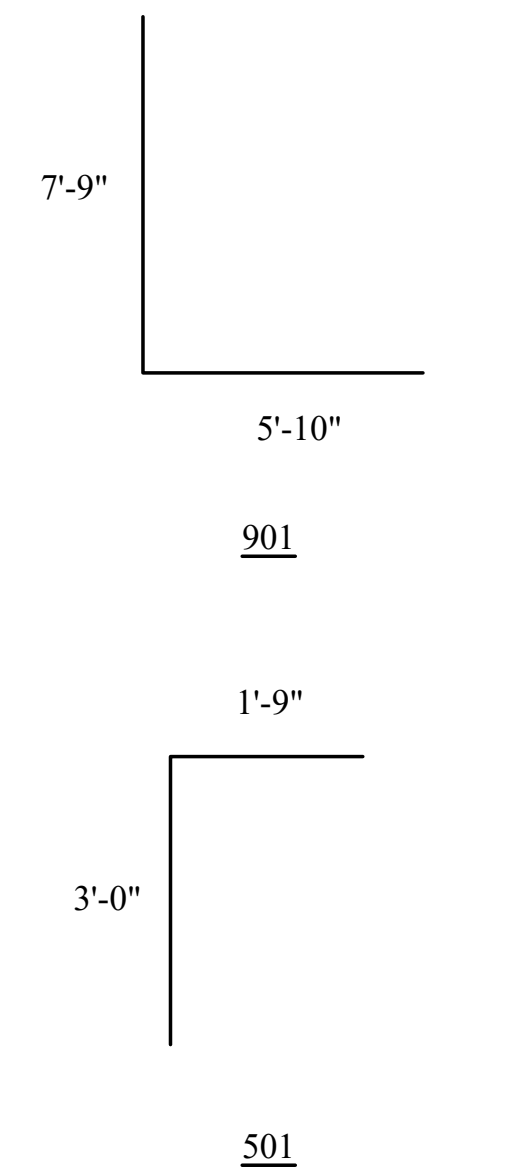
NOTE:
 CAST IN PLACE CONCRETE IS TO HAVE A MINIMUM 28
 DAY COMPRESSION STRENGTH OF 4,000 PSI. DEFORMED
 REINFORCING BARS ARE TO BE ASTM A615, GRADE 60



EXTERNAL WALLS (A)
 S2



INTERNAL WALLS (B)
 S2



BENDING DIAGRAMS

LAP SPLICE LENGTHS	
#5 BARS	2'-7"
#9 BARS	5'-10"

ADDENDUM No.4

NO.	BY	DATE	DESCRIPTION
1	RRS	3/2018	DEP COMMENTS
2	RRS	1-31-20	ADDENDUM #4 - CHANGED STRUCTURAL NOTES

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CAD FILE: R:\020-1559 City Of Winfield - Sanitary Sewer Improvements\Drawing\CI-018-Structural Details.dwg
 PLOT DATE/TIME: 1/31/2020 10:22 AM
 LAYOUT: Sheet S8
 USER: robert stowers

SCALE: 1/2" = 1'-0"
DRAWN: R. STOWERS DATE: 1/2018
CHECKED: C.KLEIN DATE: 1/2018
APPROVED: J. CARPENTER DATE: 8/2019
SURVEY DATE:
SURVEY BY:
FIELD BOOK No.:

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PHASE No.
CONTRACT No.
1
PROJECT No.
020-1559

CITY OF WINFIELD
 PUTNAM COUNTY, WEST VIRGINIA
 WWTP IMPROVEMENTS
 SBR, POST-EQ & DIGESTER
 CAST IN PLACE CONCRETE REINFORCING

SHEET No.

S8