

ADDENDUM NO. 1
WASTEWATER SYSTEM IMPROVEMENTS
CONTRACT 16-02
MILLER AVENUE WASTEWATER TREATMENT PLANT
IMPROVEMENTS
JACKSON ENERGY AUTHORITY
JACKSON, TENNESSEE
WAUFORD PROJECT NO. 3590
JEA WORK ORDER NO. 1700553
CDBG DISASTER PROJECT NO. 54299

Date of Addendum: Thursday, December 13, 2018

Mandatory Pre-Bid Conference:

Tuesday, January 8, 2019, 10:00 a.m. Local Time

Bid Opening: Thursday, January 17, 2019, 2:00 p.m. Local Time

1. BID FORM, Page BF-9:

Replace Page BF-9 with the attached BF-9*.

2. Detailed Specifications, Sub-Section 10A. Positive Displacement Blowers (Grit/Post Aeration), Paragraph 2. Vendors, Page DS 10A-1:

Revised this paragraph as shown below.

"2. Vendors

The rotary positive displacement blowers and appurtenance shall be provided as a system by one the manufacturers listed below:

- Aerzen
- ***Robuschi*** "

3. Plans, Sheets 1, 4 and 5:

Revise as indicated on the attached Plan Sheets.

4. Plans, Sheet 3:

Omit Sheet 3.

5. Plans, Sheet 16:

Revise construction note no. 4 as follows:

"4. All interior air piping shall be ***insulated*** as specified."

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.



J. Gregory Davenport, P.E.
Tennessee License No. 104881

The Contractor shall be aware that the bid cost for this contract shall be the sum of bid items 1 through 10 and no additional payment will be made for work shown on the Plans or specified that is not described in a bid item.

Equipment to be Furnished

The prices for equipment listed below for work to be constructed under Sub-Sections 10A through 10H are included in the lump sum price shown previously as Paragraph 12, Lump Sum where applicable. The BIDDER may use the lowest priced item listed as an acceptable Base Bid item as the basis for arriving at his overall price. The BIDDER is required to fill in the items below in order to indicate the relative prices of the equipment of various manufacturers which may be considered by the Owner for various reasons. The Owner reserves the right to award the project based on any combination of equipment listed on Schedule "A". The prices shown below shall include the cost of furnishing and installing the various equipment items, including any modifications to the structure, piping, other equipment or other items which may be caused by the use of a particular piece of equipment.

The prices listed hereinafter are not to be in addition to the Lump Sum Price in Paragraph 12 but are to be included in it.

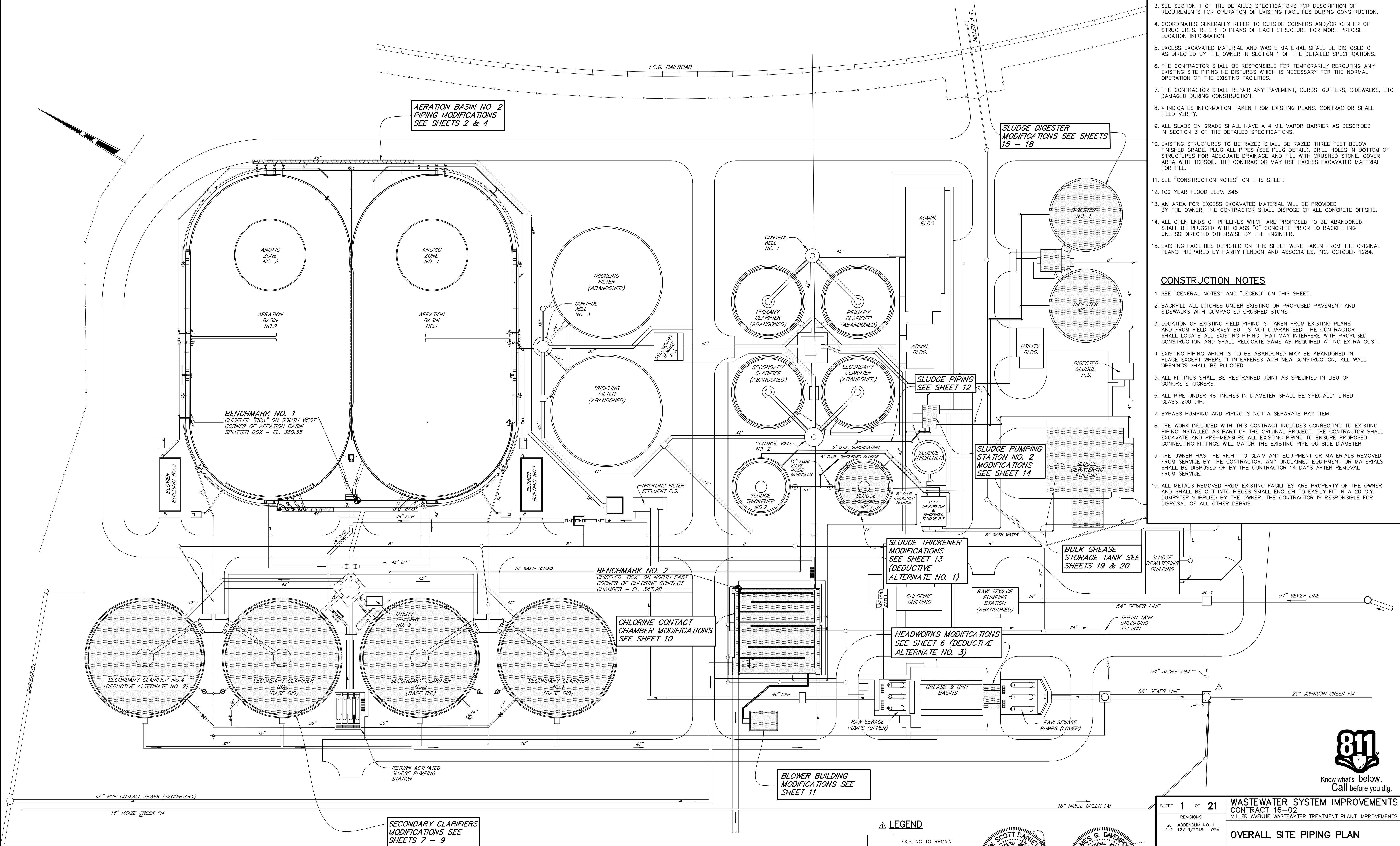
Sub-Section	Description	Price	Equipment Used in Base Bid (Show only one per Sub-Section)
10A	<u>Positive Displacement Blowers</u>		
	<u>(Grit / Post Aeration)</u>		
	Aerzen Corporation	\$ _____	\$ _____
	<i>Robuschi</i>	\$ _____	\$ _____
10B	<u>Circular Secondary Clarifiers</u>		
	Westech Engineering	\$ _____	\$ _____
	Evoqua Water Technologies, LLC	\$ _____	\$ _____
10C	<u>Fine Bubble Post Aeration System</u>		
	Sanitaire Corporation	\$ _____	\$ _____
	Stamford Scientific Int'l. Inc.	\$ _____	\$ _____
	Evoqua Water Technologies, LLC	\$ _____	\$ _____
	Aquarius Technologies, LLC	\$ _____	\$ _____
10D	<u>Waste Activated Sludge Thickener</u>		
	WesTech Engineering, Inc.	\$ _____	\$ _____
	Evoqua Water Technologies, LLC	\$ _____	\$ _____

GENERAL NOTES

1. THE CONTRACTOR IS PROHIBITED FROM EXCAVATING UNTIL EXISTING UNDERGROUND UTILITIES HAVE BEEN LOCATED BY PROPERLY NOTIFIED UTILITY COMPANIES. UTILITY LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL IDENTIFY AND CONTACT ALL UTILITIES PER LEGAL REQUIREMENTS.
2. THE CONTRACTOR SHALL BE STRICTLY AND SOLELY LIABLE FOR ANY FINES LEVIED BY ANY REGULATORY AGENCY DUE TO VIOLATION OF WATER QUALITY CAUSED BY CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL USE ALL NECESSARY TEMPORARY WATER POLLUTION CONTROL MEANS AS SPECIFIED TO PREVENT TRANSPORT OF SEDIMENT INTO WATERWAYS AT NO ADDITIONAL COST TO THE OWNER.
3. SEE SECTION 1 OF THE DETAILED SPECIFICATIONS FOR DESCRIPTION OF REQUIREMENTS FOR OPERATION OF EXISTING FACILITIES DURING CONSTRUCTION.
4. COORDINATES GENERALLY REFER TO OUTSIDE CORNERS AND/OR CENTER OF STRUCTURES. REFER TO PLANS OF EACH STRUCTURE FOR MORE PRECISE LOCATION INFORMATION.
5. EXCESS EXCAVATED MATERIAL AND WASTE MATERIAL SHALL BE DISPOSED OF AS DIRECTED BY THE OWNER IN SECTION 1 OF THE DETAILED SPECIFICATIONS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARILY REROUTING ANY EXISTING SITE PIPING HE DISTURBS WHICH IS NECESSARY FOR THE NORMAL OPERATION OF THE EXISTING FACILITIES.
7. THE CONTRACTOR SHALL REPAIR ANY PAVEMENT, CURBS, GUTTERS, SIDEWALKS, ETC. DAMAGED DURING CONSTRUCTION.
8. * INDICATES INFORMATION TAKEN FROM EXISTING PLANS. CONTRACTOR SHALL FIELD VERIFY.
9. ALL SLABS ON GRADE SHALL HAVE A 4 MIL VAPOR BARRIER AS DESCRIBED IN SECTION 3 OF THE DETAILED SPECIFICATIONS.
10. EXISTING STRUCTURES TO BE RAZED SHALL BE RAZED THREE FEET BELOW FINISHED GRADE. PLUG ALL PIPES (SEE PLUG DETAIL). DRILL HOLES IN BOTTOM OF STRUCTURES FOR ADEQUATE DRAINAGE AND FILL WITH CRUSHED STONE. COVER AREA WITH TOPSOIL. THE CONTRACTOR MAY USE EXCESS EXCAVATED MATERIAL FOR FILL.
11. SEE "CONSTRUCTION NOTES" ON THIS SHEET.
12. 100 YEAR FLOOD ELEV. 345
13. AN AREA FOR EXCESS EXCAVATED MATERIAL WILL BE PROVIDED BY THE OWNER. THE CONTRACTOR SHALL DISPOSE OF ALL CONCRETE OFFSITE.
14. ALL OPEN ENDS OF PIPELINES WHICH ARE PROPOSED TO BE ABANDONED SHALL BE PLUGGED WITH CLASS "C" CONCRETE PRIOR TO BACKFILLING UNLESS DIRECTED OTHERWISE BY THE ENGINEER.
15. EXISTING FACILITIES DEPICTED ON THIS SHEET WERE TAKEN FROM THE ORIGINAL PLANS PREPARED BY HARRY HENDON AND ASSOCIATES, INC. OCTOBER 1984.

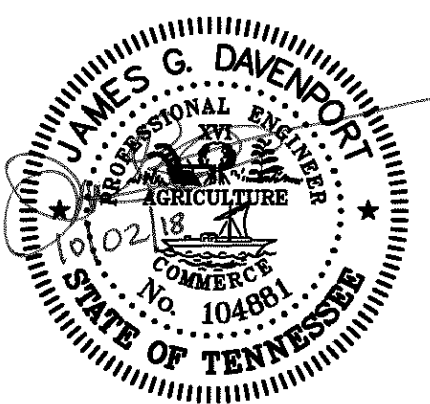
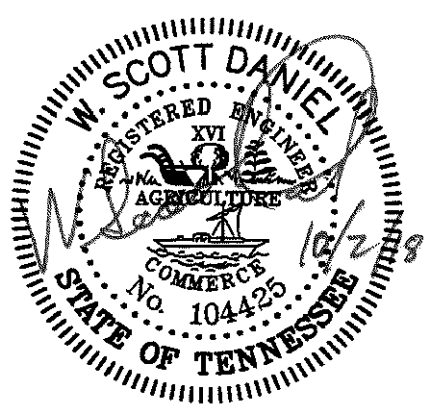
CONSTRUCTION NOTES

1. SEE "GENERAL NOTES" AND "LEGEND" ON THIS SHEET.
2. BACKFILL ALL DITCHES UNDER EXISTING OR PROPOSED PAVEMENT AND SIDEWALKS WITH COMPACTED CRUSHED STONE.
3. LOCATION OF EXISTING FIELD PIPING IS TAKEN FROM EXISTING PLANS AND FROM FIELD SURVEY BUT IS NOT GUARANTEED. THE CONTRACTOR SHALL LOCATE ALL EXISTING PIPING THAT MAY INTERFERE WITH PROPOSED CONSTRUCTION AND SHALL RELOCATE SAME AS REQUIRED AT NO EXTRA COST.
4. EXISTING PIPING WHICH IS TO BE ABANDONED MAY BE ABANDONED IN PLACE EXCEPT WHERE IT INTERFERES WITH NEW CONSTRUCTION; ALL WALL OPENINGS SHALL BE PLUGGED.
5. ALL FITTINGS SHALL BE RESTRAINED JOINT AS SPECIFIED IN LIEU OF CONCRETE KICKERS.
6. ALL PIPE UNDER 48-INCHES IN DIAMETER SHALL BE SPECIALLY LINED CLASS 200 DIP.
7. BYPASS PUMPING AND PIPING IS NOT A SEPARATE PAY ITEM.
8. THE WORK INCLUDED WITH THIS CONTRACT INCLUDES CONNECTING TO EXISTING PIPING INSTALLED AS PART OF THE ORIGINAL PROJECT. THE CONTRACTOR SHALL EXCAVATE AND PRE-MEASURE ALL EXISTING PIPING TO ENSURE PROPOSED CONNECTING FITTINGS WILL MATCH THE EXISTING PIPE OUTSIDE DIAMETER.
9. THE OWNER HAS THE RIGHT TO CLAIM ANY EQUIPMENT OR MATERIALS REMOVED FROM SERVICE BY THE CONTRACTOR. ANY UNCLAIMED EQUIPMENT OR MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR 14 DAYS AFTER REMOVAL FROM SERVICE.
10. ALL METALS REMOVED FROM EXISTING FACILITIES ARE PROPERTY OF THE OWNER AND SHALL BE CUT INTO PIECES SMALL ENOUGH TO EASILY FIT IN A 20 C.Y. DUMPSTER SUPPLIED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL OTHER DEBRIS.



LEGEND

- EXISTING TO REMAIN
- PROPOSED WORK



SHEET 1 OF 21

REVISIONS
ADDENDUM NO. 1
12/13/2018 W2M

WASTEWATER SYSTEM IMPROVEMENTS
CONTRACT 16-02
MILLER AVENUE WASTEWATER TREATMENT PLANT IMPROVEMENTS

OVERALL SITE PIPING PLAN

FOR
JACKSON ENERGY AUTHORITY
JACKSON, TENNESSEE

SCALE
1"=40'

DATE
OCT., 2018

PROJECT NUMBER
3590

DESIGNED
WSD

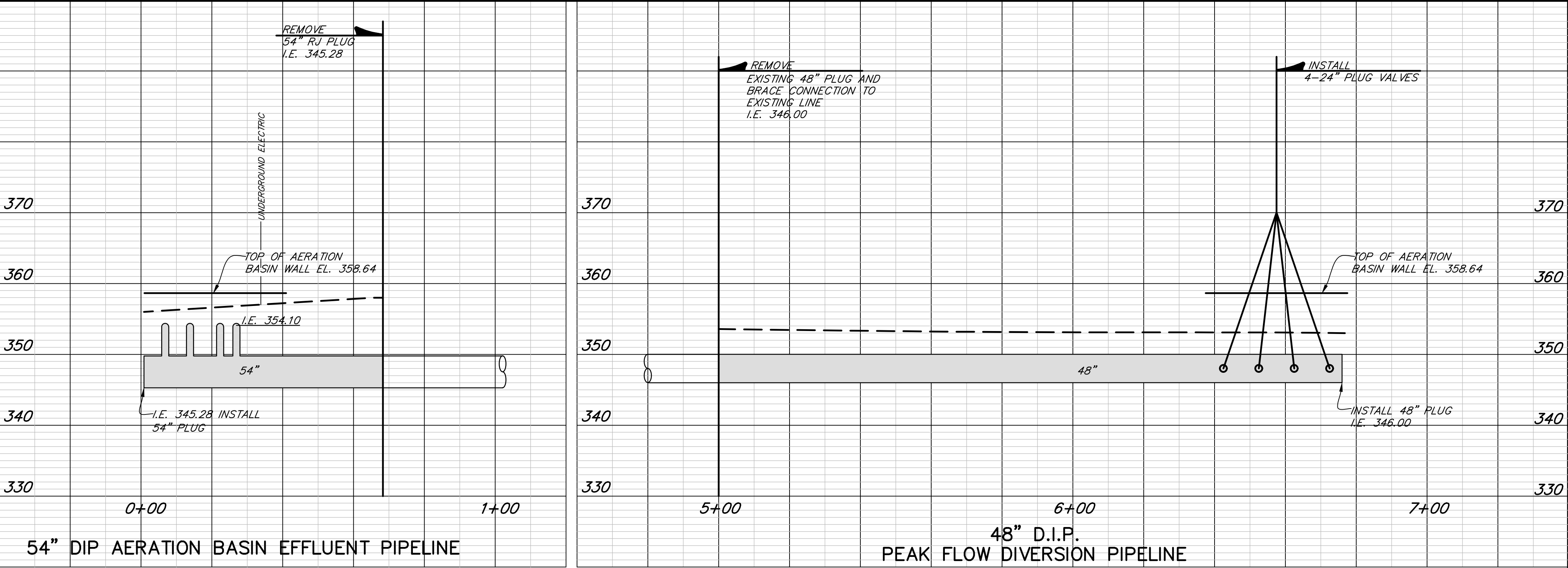
DRAWN
ACS

CHECKED
JGD

WAUFORD

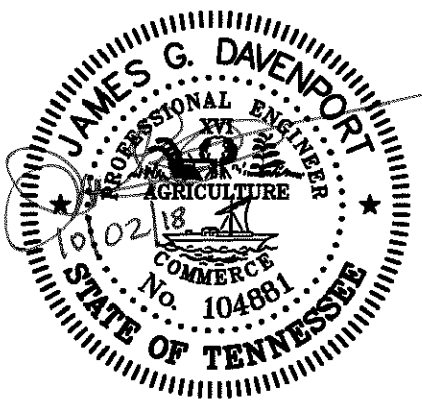
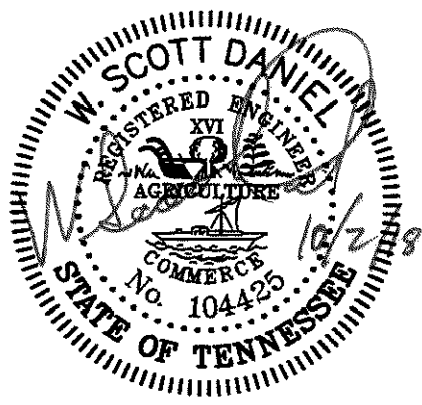
J. R. Wauford & Company, Consulting Engineers, Inc.
Jackson, Tennessee
(731) 668-1953
www.jrwaford.com



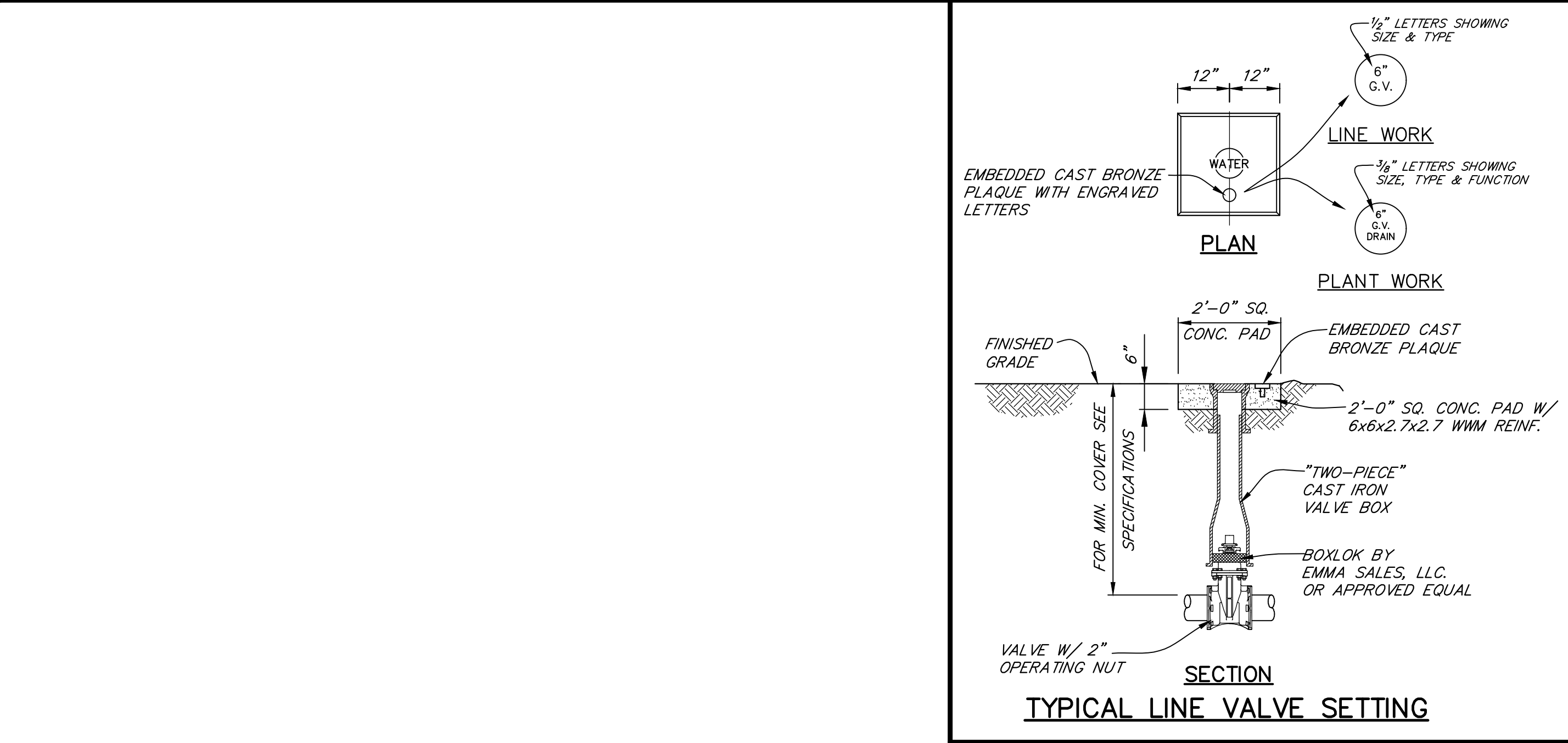
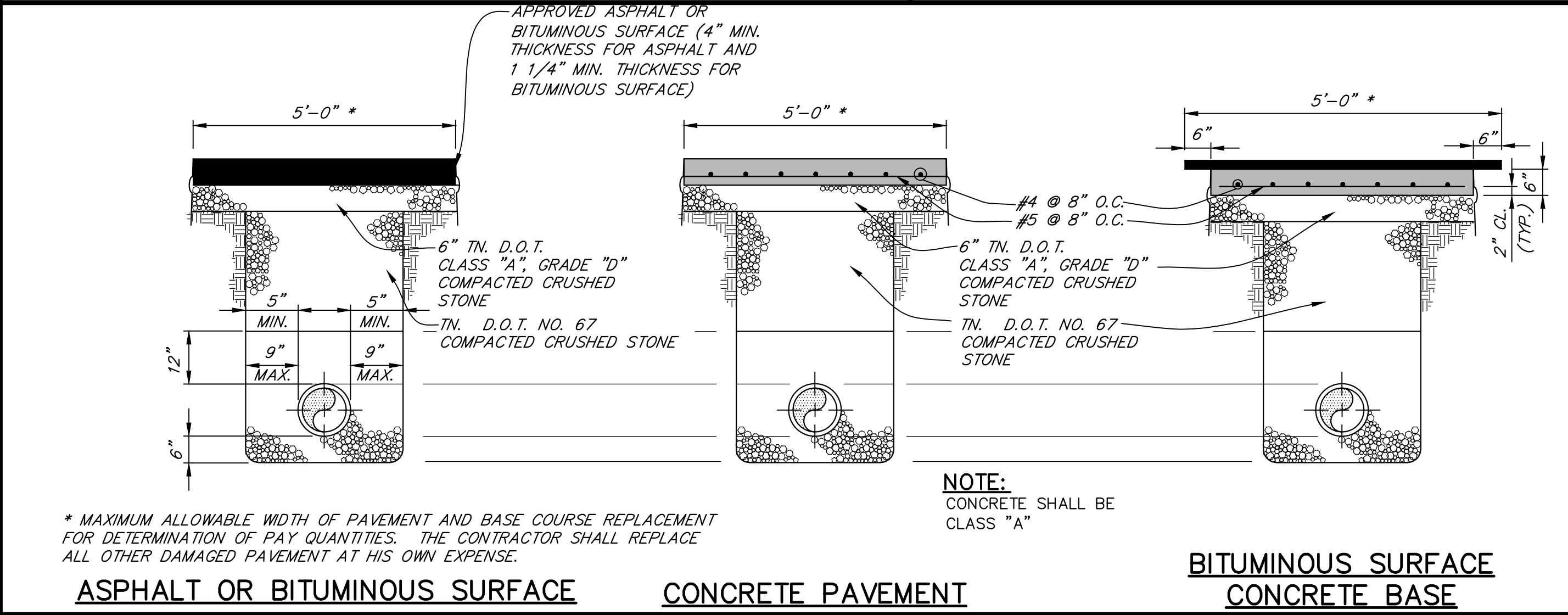
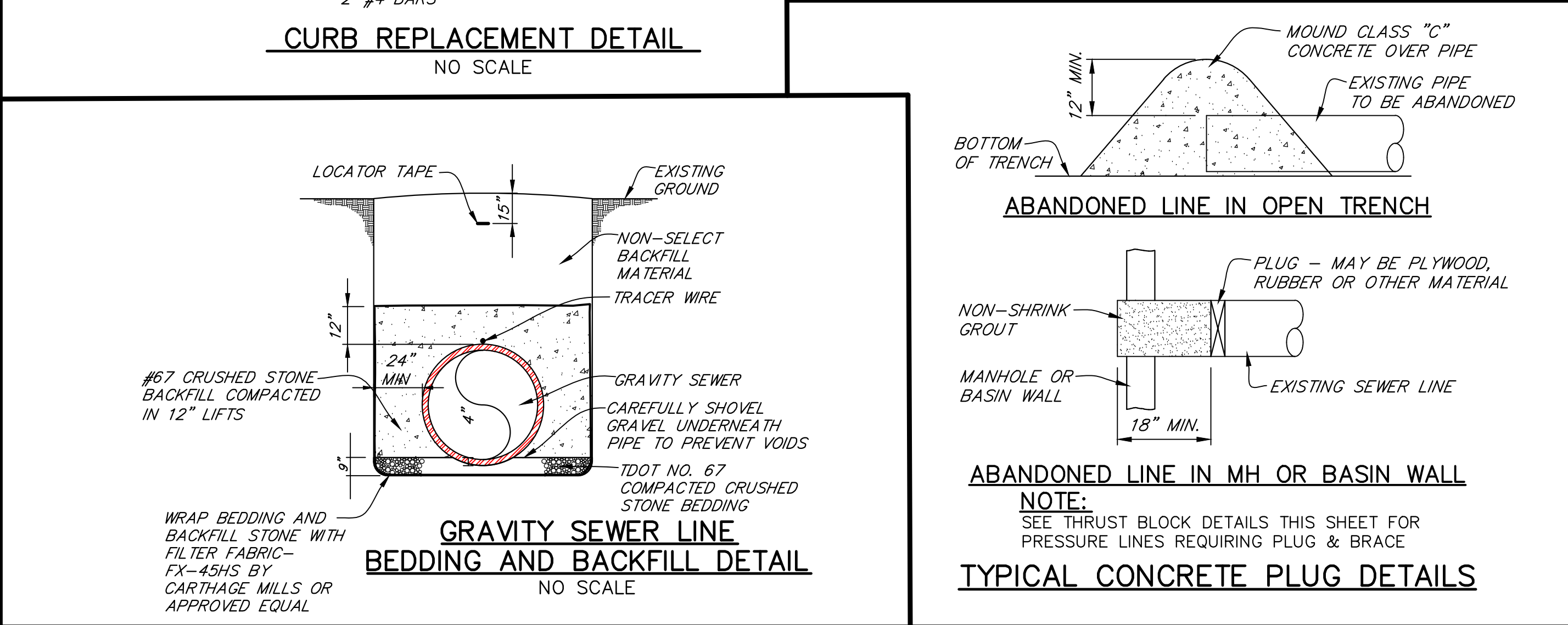
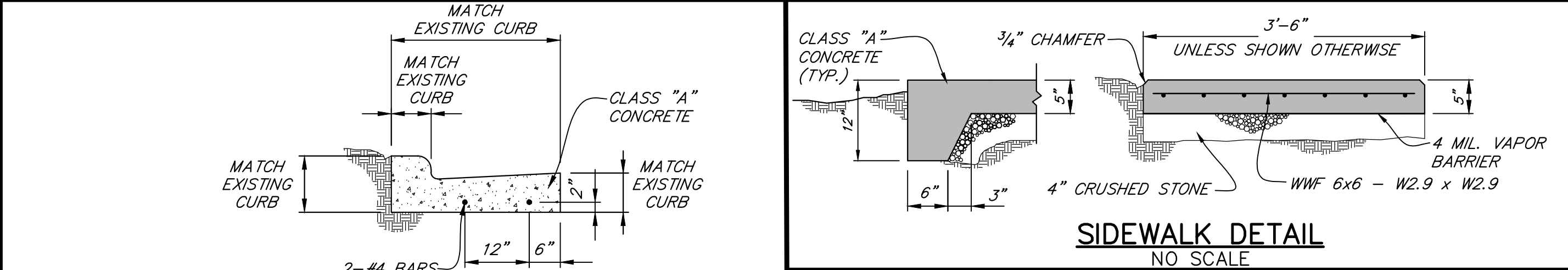


CONSTRUCTION NOTES:

1. SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.

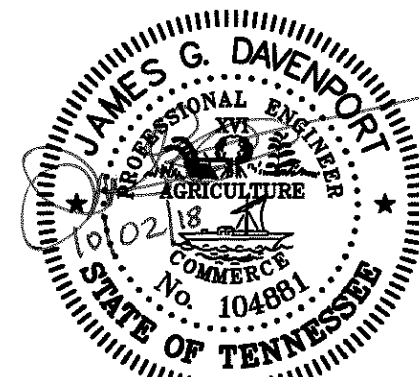
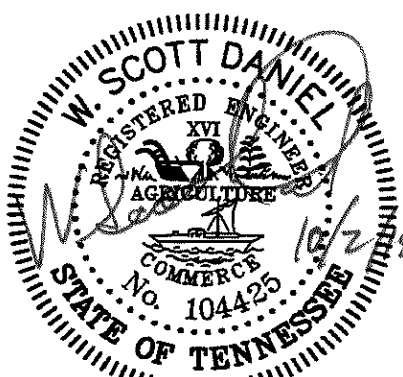


SHEET 4 OF 21		WASTEWATER SYSTEM IMPROVEMENTS	
REVISIONS		CONTRACT 18-02	
ADDENDUM NO. 1		MILLER AVENUE WASTEWATER TREATMENT PLANT IMPROVEMENTS	
12/13/2018 WZM		AERATION BASIN NO. 2 PIPING	
		PROFILES AND DETAILS	
		FOR	
		JACKSON ENERGY AUTHORITY	
		JACKSON, TENNESSEE	
		SCALE	
		1" = 20' HOR	
		1" = 10' VER	
		DATE	
		OCT., 2018	
PROJECT NUMBER		3590	
		DESIGNED	
		WSD	
		DRAWN	
		ACS	
		CHECKED	
		JGD	



CONSTRUCTION NOTES:

1. SEE "GENERAL NOTES" AND "LEGEND", SHEET 1.
2. ALL NEW MANHOLES 6'-0"Ø AND LARGER SHALL BE VENTED.



SHEET 5 OF 21		WASTEWATER SYSTEM IMPROVEMENTS CONTRACT 16-02 MILLER AVENUE WASTEWATER TREATMENT PLANT IMPROVEMENTS	
REVISIONS		RAW WASTEWATER PIPING DETAILS	
ADDENDUM NO. 1 12/13/2018 WZM		FOR JACKSON ENERGY AUTHORITY JACKSON, TENNESSEE	
SCALE AS SHOWN		DESIGNED WSD	
PROJECT NUMBER 3590		DATE OCT., 2018	
		DRAWN ACS	
		CHECKED JGD	