

ADDENDUM NO. 2
SEWER SYSTEM IMPROVEMENTS
CONTRACT 18-01
WATER TREATMENT PLANT IMPROVEMENTS
LIVINGSTON, TENNESSEE
WAUFORD PROJECT NUMBER 2068
CDBG PROJECT NO. 53789-12021

Date of Addendum: Tuesday, June 12, 2018
Bid Opening: Thursday, June 14, 2018, 2:00 P.M. Central Time

1. BID FORM, Pages BF-5* and BF-6*:

Replace Pages BF-5* and BF-6* with the attached Pages BF-5** and BF-6**.

2. Plans, Sheet 2:

Modify as shown on the attached 8 ½" x 11" sheet.

3. Plans, Sheet 4:

Modify as shown on the attached 30" x 42" sheet.

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



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

9. CONTRACT 18-01 – WASTEWATER TREATMENT PLANT IMPROVEMENTS (cont'd)

9.b. Equipment to be Furnished

The prices for equipment listed below for work to be constructed under Sub-Sections 5A through 5C are included in the lump sum price shown previously as Item 9. 1 through 3. Lump Sum Price. The BIDDER shall 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 prices shown below shall include the cost of furnishing the various equipment items.

The prices listed hereinafter are not to be in addition to the Lump Sum Price in Paragraph 9.a., but are to be included in it.

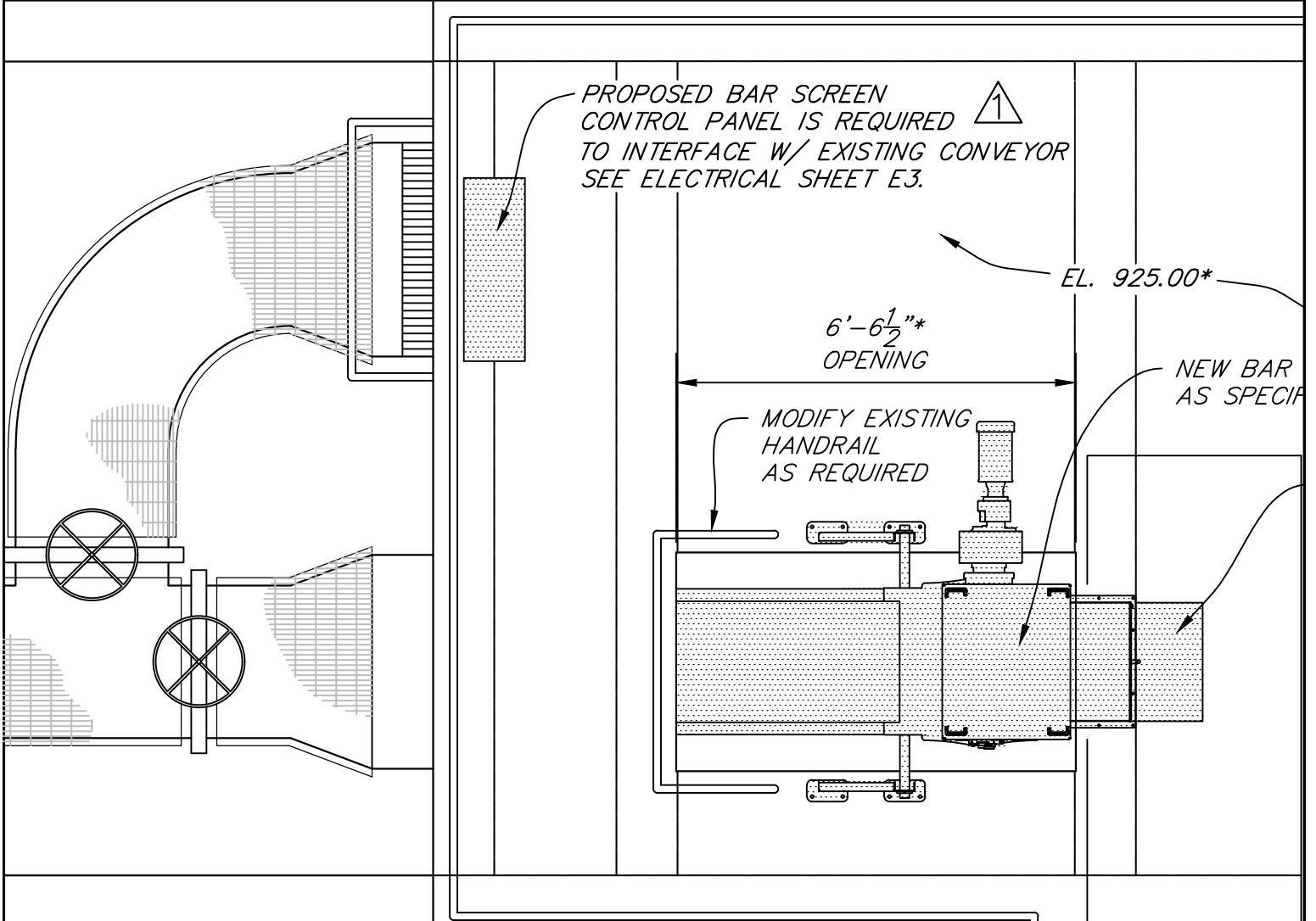
Sub-Section	Description	Price	Equipment Used in Base Bid (Show only one per Sub-Section)
5A	<u>Mechanically Cleaned Bar Screen and Screw Conveyor</u>		
	Vulcan Industries, Inc.	\$ _____	\$ _____
	Hydro-Dyne Engineering, Inc.	\$ _____	\$ _____
	Headworks, Inc.	\$ _____	\$ _____
	<i>JWC Environmental</i>	\$ _____	\$ _____
	Pre-Approved Equal	\$ _____	\$ _____
5B	<u>Coarse Bubble Aeration System</u>		
	Sanitaire Corporation	\$ _____	\$ _____
	Stanford Scientific International	\$ _____	\$ _____
	Aquarius Technologies, LLC	\$ _____	\$ _____
	<i>Evoqua Water Technologies</i>	\$ _____	\$ _____
	Pre-Approved Equal	\$ _____	\$ _____

Sub-Section	Description	Price	Equipment Used in Base Bid (Show only one per Sub-Section)
5C	<u>Vertical Turbine Flushing Water Pumps and Accessories</u>		
	Fairbanks Nijhuis Pumps	\$ _____	\$ _____
	American Turbine Pump	\$ _____	\$ _____
	Ruhrpumpen, Inc.	\$ _____	\$ _____
	Pre-Approved Equal	\$ _____	\$ _____

“Or Approved Equal”

It is not the intention of this document to limit equipment to only those manufacturers listed above. Desired substitutions may be submitted to the Engineer for consideration not less than 10 days before the Bid Date. Addenda will be issued notifying all bidders of equipment which is determined to be “approved equal” prior to the Bid Date.

B-3



SHEET **2** OF **5**

REVISIONS



ADDENDUM NO. 2
6/11/2018 WCB

**SEWER SYSTEM IMPROVEMENTS
CONTRACT 18-01**

WASTEWATER TREATMENT PLANT IMPROVEMENTS

**HEADWORKS MODIFICATIONS
PLAN VIEWS**

FOR

LIVINGSTON, TENNESSEE

SCALE

3/8"=1'-0"

WAUFORD

J. R. Wauford & Company, Consulting Engineers, Inc.
Nashville, Tennessee
(615)883-3243
www.jrwauford.com

DESIGNED

DGT

DRAWN

WCB

CHECKED

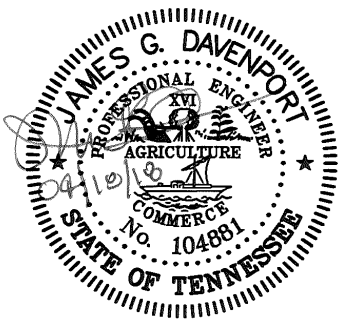
JGD

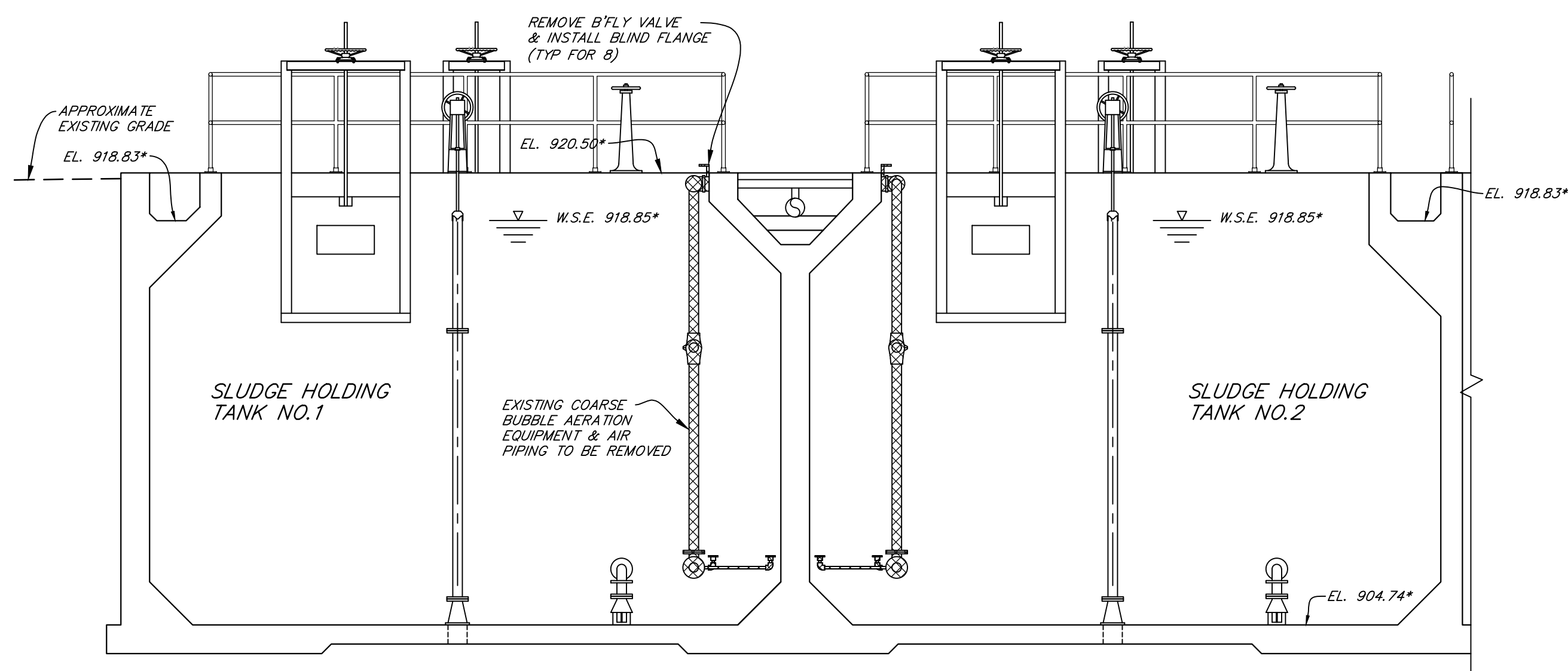
PROJECT NUMBER

2068

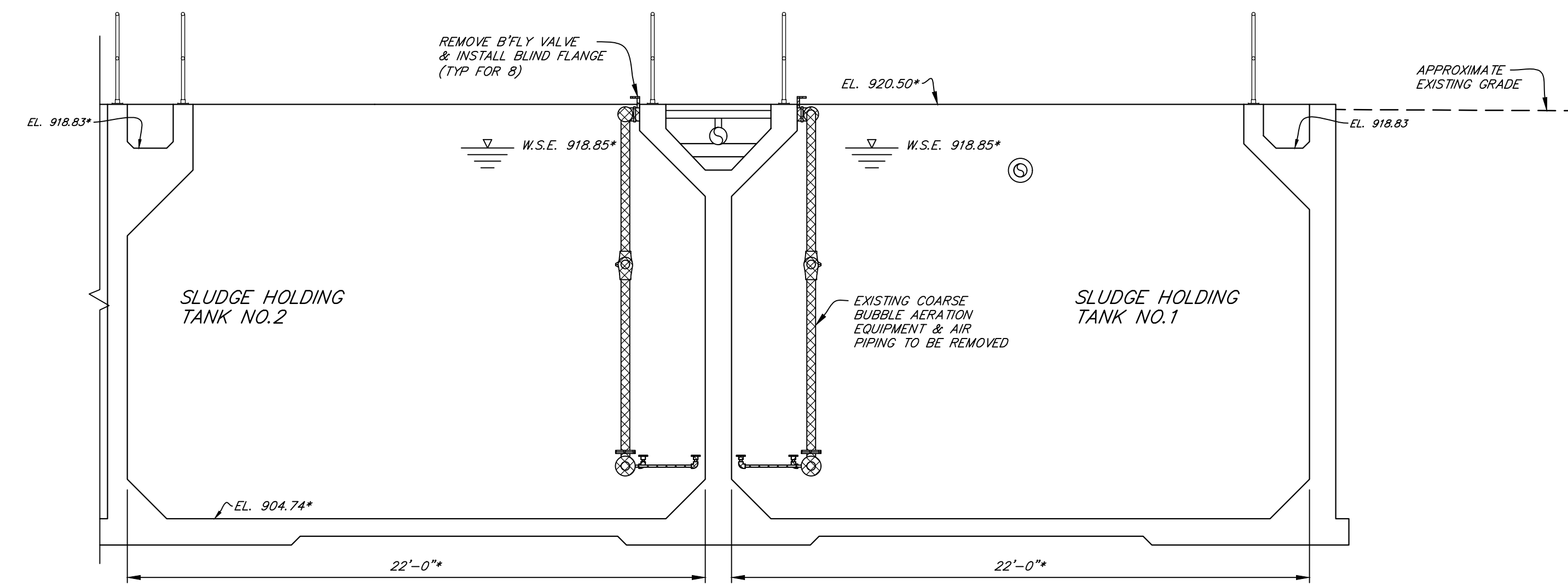
DATE

MAR., 2018

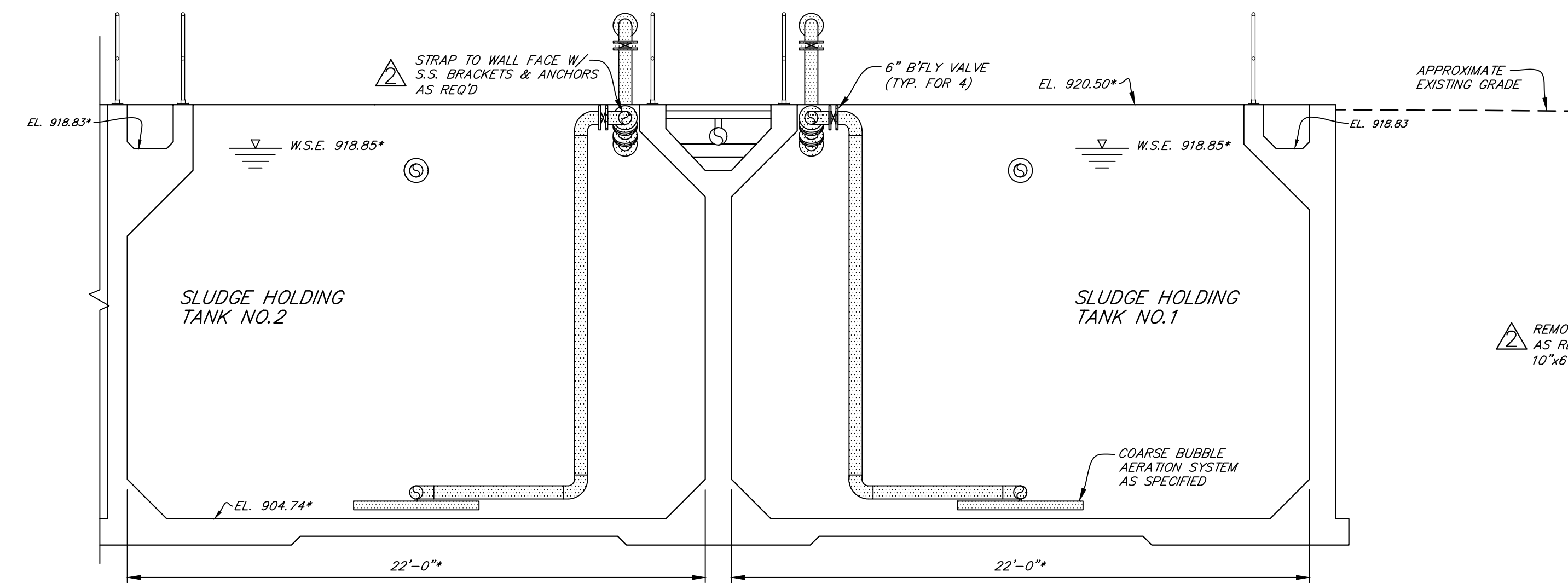




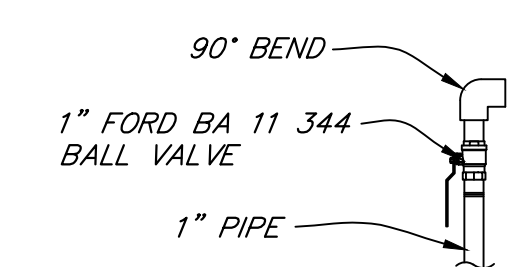
SECTION C-4 - DEMOLITION
SCALE: 1/4" = 1'-0"



SECTION D-4 - DEMOLITION
SCALE: 1/4" = 1'-0"

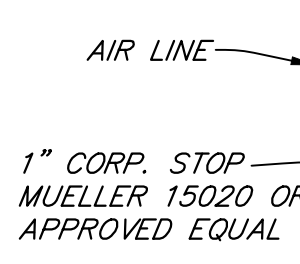


SECTION D-4 - PROPOSED
SCALE: 1/4" = 1'-0"

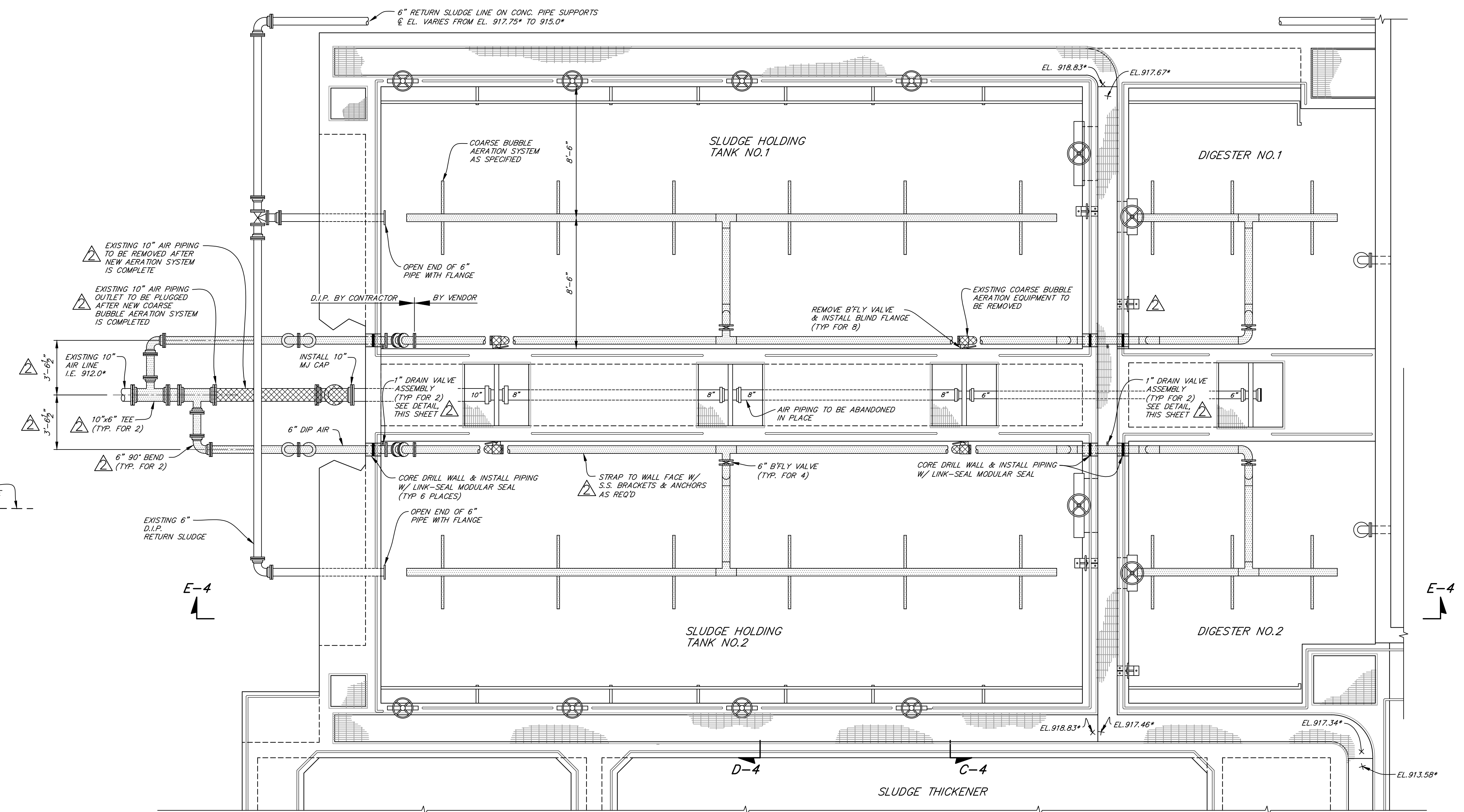


NOTE:

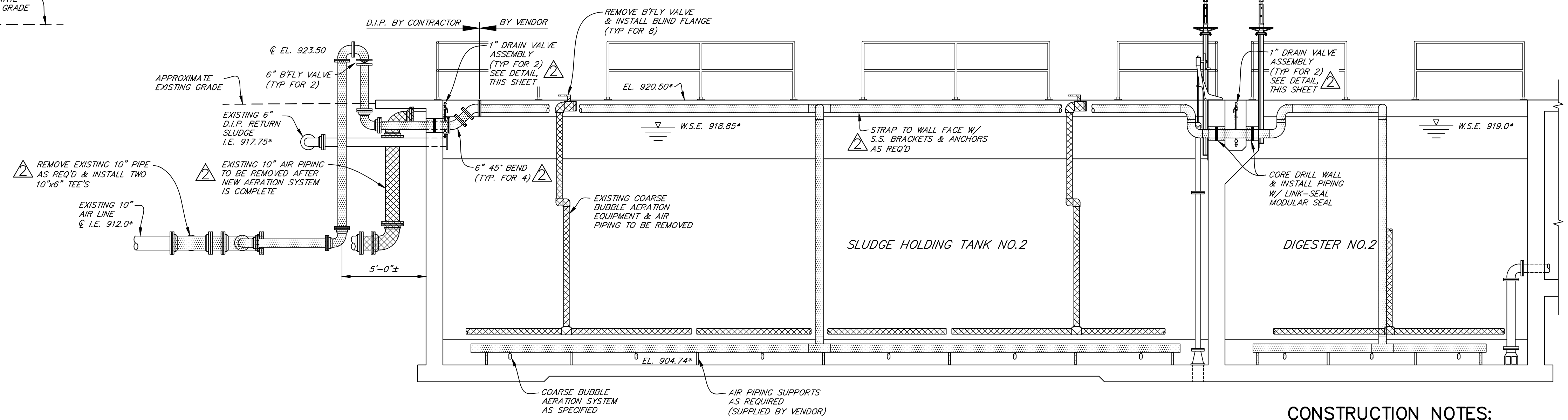
ALL PIPING SHALL BE RED BRASS OR STAINLESS STEEL. GALVANIZED STEEL IS NOT ACCEPTABLE.



1-INCH AIR LINE DRAIN VALVE ASSEMBLY
NO SCALE



PLAN VIEW
SCALE: 1/4" = 1'-0"



SECTION E-4
SCALE: 1/4" = 1'-0"
(HOLDING TANK NO.1 SIMILAR)

ENGINEER'S ENVISIONED ORDER OF WORK

1. INSTALL NEW 10" TEES & 6" AIR PIPING UP TO ABOVE GROUND BUTTERFLY VALVES. CLOSE BUTTERFLY VALVES AND AERATE USING EXISTING AERATION EQUIPMENT.
2. VALVE OFF EXISTING COARSE BUBBLE AERATION EQUIPMENT IN FIRST TANK AND DIGESTER TO BE RENOVATED.
3. DRAIN TANK AND DIGESTER. REMOVE EXISTING AERATION EQUIPMENT AND INSTALL NEW AERATION EQUIPMENT AND PIPING. CONTINUE TO AERATE SECOND TANK AND DIGESTER.
4. TEST NEW AERATION EQUIPMENT AND PLACE INTO SERVICE.
5. DRAIN SECOND TANK AND DIGESTER INTO RENOVATED TANK AND VALVE OFF EXISTING AERATION EQUIPMENT.
6. REMOVE EXISTING AERATION EQUIPMENT AND INSTALL NEW AERATION EQUIPMENT AND PIPING IN SECOND TANK AND DIGESTER.
7. TEST AERATION EQUIPMENT AND PLACE INTO SERVICE.
8. REMOVE EXISTING 10" AIR PIPING AND PLUG PIPE WITH 10" MJ CAP.

CONSTRUCTION NOTES:

1. SEE "GENERAL NOTES" AND "LEGEND" SHEET 1.
2. * INDICATES INFORMATION TO BE VERIFIED BY CONTRACTOR.
3. ALL DIP AIR PIPING SHALL UTILIZE YITON GASKETS AS SPECIFIED.
4. THE OWNER AGREES TO LOWER THE LIQUID LEVEL OF THE SLUDGE HOLDING TANKS TO 12-INCHES ABOVE THE BOTTOM OF THE TANKS. THE CONTRACTOR IS RESPONSIBLE FOR TRANSFER OF REMAINING LIQUID TO THE ADJACENT SLUDGE HOLDING TANK OR DIGESTER.

SHEET 4 OF 5	SEWER SYSTEM IMPROVEMENTS CONTRACT 18-01 WASTEWATER TREATMENT PLANT IMPROVEMENTS	DESIGNED DGT
	REVISIONS	
ADDENDUM NO. 1 6/07/2018 WCB	SLUDGE HOLDING FACILITIES MODIFICATIONS AND DETAILS	CHECKED JGD
ADDENDUM NO. 2 6/11/2018 WCB		
FOR LIVINGSTON, TENNESSEE		
SCALE 1/4" = 1'-0"	WAUFORD	
PROJECT NUMBER 2068	DATE MAR., 2018	J. S. Wauford & Company, Consulting Engineers, Inc. Nashville, Tennessee (615) 883-3243 www.jswauford.com

