

**ADDENDUM NO. 1**

DATE: 7/15/2022

PROJECT: Lake Ouachita Water Supply Project
Phase 3– Water Treatment Plant
Hot Springs, ArkansasBID DATE: July 26, 2:00 PM

This Addendum forms a part of the Contract Documents and modifies the original documents provided to Bidders, as noted below. Acknowledge receipt of this Addendum in the space provided in the BID FORM. Failure to do so may subject the Bidder to disqualification.

Item No. 1. Specifications – Section 054400 – Engineered Lightgauge Metal Truss System

Revise sub-section 2.1.A: Replace Dynatruss with Keymark Enterprises and re

Item No. 2. Specifications – Section 101416 – Plaque

See general plaque layout page herein:

Item No. 3. Specifications – Section 220450 – Plumbing Fixtures and Equipment

Revise sub-section 2.4 as follows:

2.4 TANKLESS WATER HEATER(S)

A. Reference plumbing fixture schedule specifications.

Item No. 4. Specifications – Section 221122 – Backwash Pump

Revise sub-section 1.1 to the following:

- B. **Pumps as herein specified shall be manufactured by Goulds Pumps, Floway, Fairbanks Morse, Flowserve or approved equal.**

Strike sub-section 2.2.A.4, re-number remaining section to the following:

~~4. With oil lubricated column the pump bowl shall have a drain port with sufficient area to drain the oil that passes through the pump bowl bearing and the suction bell bearing shall be grease packed and be protected by the pump impeller/propeller.~~

4. The impeller/propeller shall be made of aluminum nickel bronze and shall be fastened to the pump shaft in such a manner as to be readily removable and to be able to prevent damage from reverse rotation. Bronze shall be lead free and low zinc content due to the chlorinated potable water it is pumping.
5. The pump shaft shall be of sufficient diameter to transmit the required horsepower with a liberal safety factor.
6. The shaft material shall be high chrome stainless steel of ASTM 582M Grade 416, ground and polished with a surface finish not to exceed 40 rms

Revise sub-section 2.2.A.5 to the following:

5. The impeller/propeller shall be made of aluminum nickel bronze and shall be fastened to the pump shaft in such a manner as to be readily removable and to be able to prevent damage from reverse rotation. Bronze shall be lead free and low zinc content due to the chlorinated potable water it is pumping.

Revise sub-section 2.8.A.4 as follows:

4. Thrust bearing shall be chosen to handle the continuous down thrust as specified by the pump manufacturer. Bearings shall be rated for a five (5) year minimum L-10 life under design conditions. Provisions shall be made for momentary upthrust equal to 30% of rated down thrust.

Add sub-section 2.9 as follows:

2.9 COATINGS

- A. All pump assembly component coating shall be conducted at the factory to allow for immediate installation. The bowl exterior, column and discharge head interior and exterior shall be factory coated. The coating shall be a polyamide epoxy certified as meeting NSF-61 requirements. Coating shall be applied in a minimum of two coats with a total dry film thickness (DFT) of sixteen (16) mils minimum. Coating shall be Tnemec Series 141 or approved equal.
- B. Unexposed areas, such as discharge head and sole plate, shall be factory prime coated with Tnemec Series 66. Finish coat to color match piping field applied by Contractor.

Add following paragraph to sub-section 3.2 and renumber:

- B. Pump performance testing to be in accordance with ANSI/HI 14.6 acceptance grade 2B.

Item No. 5. Specifications – Section 221123 – High Service Pumps

Revise sub-section 2.1.C to the following:

- C. Refer to the Drawings for column length requirements. The pumps shall conform to ANSI/AWWA-E103-15 for Vertical Turbine Pumps, Line Shaft Type.

Revise sub-section 2.1.D to the following:

- D. Acceptable vibration levels should be defined as not exceeding the limits listed in the standards of the Hydraulic Institute standard 9.6.4 when the pump unit (motor and pump) is installed in accordance with the manufacturer's instructions.

Revise sub-section 2.1.E to the following:

- E. The pump unit assembly shall be free of objectionable noise over the complete operating range. Noise levels not to exceed 85 dBa at three (3) feet.

Add the following sentence to sub-section 2.2.A: Discharge head shall be fitted with a sole plate made of ASTM A36 Carbon steel.

Add the following sentence to sub-section 2.2.B: Stuffing box should include at least one bleed port plumbed to wetwell to bleed off excess pressure.

Revise sub-section 2.2.C as follows: Remove ASTM B584 alloy C83800 and replace with Lead Free Bronze alloy

Revise sub-section 2.3.B to the following:

- B. The column assembly shall be supplied with ASTM A53 Grade B steel pipe flanged with fabricated steel or removable ductile iron A536 Gr. 60 40 18 bearing retainer equipped with suitable line shaft bearings for the application. Column bearing spacing shall be such that shaft first critical frequency shall be safely 20%-25% above or below the operating resonant frequency. A critical speed analysis is required with the noted 25% margin prior to fabrication.

Revise sub-section 2.4.B to the following:

- B. The impellers shall be constructed of aluminum nickel bronze, The enclosed type and dynamically balanced. Sizes 18-inch and greater shall also be dynamically balanced. For shaft sizes up through 2-3/16" diameter, impellers shall be locked securely to the impeller shaft with a tapered lock bushing. For shaft sizes above 2-3/16", they shall be secured with a thrust washer, key and snap ring. Impellers shall be adjusted vertically by adjusting nut at top of driver.

Revise sub-section 2.4.C to the following: Remove ASTM B584 alloy C83800 and replace with Lead Free Bronze alloy or 304 stainless steel.

Insert sub-section 2.5 as follows and renumber sub-sections:

2.5 STRAINER

- A. A 31L stainless steel basket or cone type strainer shall be provided for each pump. Strainer shall have a net inlet area equal to at least four (4) times the suction pipe area. The maximum opening size shall not be more than 75% of the minimum opening of the water passage through the bowl & impeller.

Revise sentence two of sub-section 2.6.A as follows: Motors shall be WP-1 design with forced air circulation by integral fan and include stainless steel screens to prevent entrance of rodents.

Insert new sub-section 2.6.E as follows and renumber sub-sections:

- E. Motors shall be equipped with normally closed (NC) thermostats that will provide an open circuit should one phase reach a high temperature and the controls incorporate this circuit to stop the pump should the circuit open.

Revise new sub-section 2.6.F as follows: Change 480VAC to 120VAC. Change refined balance from 0.06 to 0.08.

Add sub-section 2.7 as follows:

2.7 COATINGS

- A. All pump assembly component coating shall be conducted at the factory to allow for immediate installation. The bowl exterior, column and discharge head interior and exterior shall be factory coated. The coating shall be a polyamide epoxy certified as meeting NSF-61 requirements. Coating shall be applied in a minimum of two coats with a total dry film thickness (DFT) of sixteen (16) mils minimum. Coating shall be Tnemec Series 141 or approved equal.
- B. Unexposed areas, such as discharge head and sole plate, shall be factory prime coated with Tnemec Series 66. Finish coat to color match piping field applied by Contractor.

Revise sub-section 3.3.A by adding the following: Performance test to be conducted per ANSI/HI 14.6 with an acceptance grade of 1B. Performance to be determined by actual varied speed.

Item No. 6. Specifications – Section 221204 – Valves and Meters

Revise sub-section 2.6.A to the following:

- A. Solenoid valves for analyzer sample lines and chemical dilution water shall be ASCO 8210 series or equal device by Magnetrol, 2 way normally closed (NC), stainless steel, orifice size at least 2/3 of the pipe size, internal pilot or direct acting, sized to match the line where installed, with 120VAC or 24VDC continuous duty coil as indicated, except the solenoid valves for sodium hydroxide

Revise sub-section 2.13.A to the following:

- A. The service water meter shall comply with AWWA C700, and shall be flanged, 2-inch, positive displacement meter by Sensus.

Item No. 7. Specifications – Section 221205 – Butterfly Valves

Revise sub-section 2.1.A to the following:

- 1. Henry Pratt Company
- 2. Dezurick
- 3. Valmatic
- 4. Approved equal

Revise sub-section 2.2.C to the following;

- C. Seats: Rubber body seats shall be of one-piece construction, simultaneously molded and bonded into a recessed cavity in the valve body or on the disk.

Revise sub-section 2.2.G to the following:

- G. Seat: Molded, resilient seat constructed of neoprene which attaches to the interior of the valve body or disk.

Item No. 8. Specification – Section 231123 – Fuel Piping

Revise sub-section 2.1 as follows:

- B. Polyethylene Pipe: ASTM D2513 PE2406 Yellow Gas Pipe
 - 1. Connections: ASTM F2620 fusion joints

Item No. 9. **Specifications – Section 260500 – Common Work Results for Electrical**

Revise sub-section 1.1.8.6.a to the following:

PLANT AREA	NEMA ENCLOSURE TYPE	EXPOSED CONDUIT TYPE	ENVIRONMENT W = WET D = DAMP C = CLEAN/DRY X = CORROSIVE H = HAZARDOUS	SUPPORT MATERIALS
Indoor Conditioned Spaces	~~NEMA 12~~ <u>Stainless Steel</u>	Galvanized rigid steel	C	Stainless steel
Indoor Unconditioned Spaces	~~NEMA 12~~ <u>Stainless Steel</u>	Galvanized rigid steel	D	Stainless steel
Chemical Rooms	~~NEMA 4X~~ <u>Stainless Steel</u>	PVC Coated galvanized rigid steel	X	Stainless steel
Lighting , switch, and receptacle circuits exposed above hung ceilings or concealed in partition walls	~~NEMA 1~~ <u>Stainless Steel</u>	¾" or 1" – EMT Above 1" Galvanized rigid steel	C	Stainless steel
Outdoor	~~NEMA 3R~~ <u>Stainless Steel</u>	Galvanized rigid steel	W	Stainless steel
Below grade vaults	~~NEMA 4X~~ <u>Stainless Steel</u>	Galvanized rigid steel	W	Stainless steel

Item No. 10. **Specifications – Section 262620 – Variable Frequency Drives 0.50 – 50 Horsepower**

Revise sub-section 2.1.A to the following:

- A. One of the following or equal:
 - 1. Schneider Electric / Square D (design basis)
 - 2. Eaton
 - 3. Allen-Bradley

Item No. 11. Specifications – Section 262650 – Reduced Harmonic Variable Frequency Drives Above 50 Horsepower

Add paragraph to sub-section 1.4.A as follows:

6. VFD minimum rating of VFD shall be no less than 115% of approved motor nameplate FLA. Design basis is Schneider Electric/Square D Altivar ATV 680”.

Revise sub-section 1.4.B.3.A as follows: Change the minimum efficiency for the VFD from 93% to 96.5%.

Revise sub-section 2.1.A to the following:

- A. One of the following or Equal:
 1. Schneider Electric / Square D (design basis)
 2. Eaton
 3. Allen-Bradley

Item No. 12. Specification – Section 275010 – Analyzers: pH

Revise sub-section 2.1.A as follows:

Delete section A and replace with the following: “pH monitor shall be manufactured by ATI, no equal. Provide 120 VAC rated device with automatic cleaning, Ethernet output, 2 total 4-20mA outputs, necessary mounting hardware and accessories, junction box, cable assembly, submersion assembly, calibration accessories, and all other necessary options for a complete operating system.”

Item No. 13. Specifications – Section 263213 – Engine Generator

Add the following paragraph to sub-section 1.1 SUMMARY:

- A. The generator for this project will be Owner Furnished and Contractor Installed. The Contractor shall be responsible for all necessary material and labor unload delivered generator and install in final location. Storage location will be at the Kohler factory. Contractor shall coordinate with Owner Furnished generator (as well as load bank, ATS, switchgear, etc.) for final housekeeping pad design and make all final connections. Contractor shall also be responsible for completely filling the diesel fuel tank prior to generator testing, and then topping the tank off at the conclusion of the testing. Startup and testing of the generator will be paid for by the Owner.”

Item No. 14. Specifications – Section 331100 – Water Pipe and Fittings

Remove sub-section 2.1.I in its entirety.

Item No. 15. Specification – Section 333216 – Sewer Grinder Pump Stations

Remove sub-section 2.6 – SIMPLEX TANK in its entirety.

Item No. 16. Specification – Section 407113 – Magnetic Flow Meters

Revise sub-section 2.1.C to the following:

- C. Acceptable Manufacturers:
 - 1. Rosemount
 - 2. Sparling Instruments, Inc.
 - 3. Krohne
 - 4. McCrometer
 - 5. Approved equal

Add the following to sub-section 2.2 Schedule:

Filter to Waste Flow Rate	FIT W01	Finished Water	12"	-	1,302 GPM	3,000 GPM
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Item No. 17. Specifications – Section 409213 – Automatic Control Valves

Revise sub-section 1.4.B as follows:

- B. Acceptable Manufactures:
 - 1. CLA-VAL Company
 - 2. Approved equal

Revise sub-section 2.1.D.13.c: Change class 300 flange to class 150 flange

Item No. 18. Specifications – Section 409500 – Pneumatic Rotary Vane Valve Actuators

Revise sub-section 2.4.A as follows:

- A. Acceptable Manufacturers:
 - 1. Kinetol USA
 - 2. Rotork
 - 3. Pre-Approved Equal

Item No. 19. Specifications – Section 463300 – Liquid Chemical Feed System

Revise sub-section 2.1.D as follows:

- D. Spare Parts
 - 1. Provide one (1) spare pump unit per metering pump supplied.
 - 2. Provide 50 ft. of spare tubing for each tubing type.

Item No. 20. Specifications – Section 464111 – Rapid Mixer

Revise sub-section 1.2,B: The manufacture shall provide a full mechanical warranty for a period of **2** years after successful completion of equipment installation.

Revise sub-section 2.1,B: VFD shall be provided by others.

Revise sub-section 2.1,C: Revise as indicated:

Tank Dimensions (LxWxD)	7'-4" x 7'-4" x 9'-2"	feet
Volume	2313	gallons
Minimum Impeller Diameter	32	inches
Off Bottom Spacing	24	inches

Item No. 21. Specifications – Section 466100 – Filtration System

Revise sub-section 2.1.F.1.c as follows:

- c. Enclosure. Filter Control Panel shall be a free standing NEMA 4 single door enclosure with stainless steel construction. This panel will be mounted on the edge of the Filter Control Platform. The extra weight of the stainless-steel panel should be considered. The enclosure shall be designed for front access only with provisions to lock door

Item No. 22. Construction Drawings – Sheet AB1.1 – Finish Schedule

The flooring at F4 shall be "Floor Tile C".

Item No. 23. Construction Drawings – Sheet AB7.4 – Restroom Plans

Each Accessible stall shall be provided with three (3) grab bars:

one (1) 42" grab bar, one (1) 36" grab bar, and one (1) 18" grab bar

Item No. 24. Construction Drawings – Sheet AB7.7 – Ground Mounted Sign

Revise sheet to include following note:

Contractor shall submit shop drawings per specifications Section 013300 for Owner approval prior to fabrication.

Item No. 25. Construction Drawings – Sheet CA101 – Proposed Site Plan

Change Generator Pad reference to Sheet SA105

Add additional Note to plans as follows:

2. Contractor shall paint Existing Clearwell 16" ductile iron vents as well as the 36" ductile iron inlet and outlet pipes on the interior of the Existing Clearwell.

Item No. 26. Construction Drawings – Sheet CA104 – Yard Piping Site Plan

Revise sheet as follows:

Change 2" DRN-PVC going into MH#4 to 1 ½" DRN-PVC

Change 12" FTW-DI W/ FL 90° Bend & Duckbill Check Valve to 12" FTW-DI W/ MJ GATE VALVE

Change MJ Tee at STA: 2+93 to 42" x 42" x 20"

Item No. 27. Construction Drawings – Sheet CA105 – Yard Piping Profiles

Revise Raw Water Piping Profile as follows:

Change MJ Tee at STA: 2+93 to 42" x 42" x 20"

Revise Drain Piping to Lagoons Profile as follows:

At MH #4 change INV IN: 510.67 4" to INV IN:510.67 1.5"

Item No. 28. Construction Drawings – Sheet CA108 – FTW Box Plan and Sections

See revised sheet herein:

Item No. 29. Construction Drawings – Sheet CA118 – Fence Details

Revise Detail A- Cantilever Gate Detail as follows:

Remove the 'CRITICAL DIMENSIONS' table from Sheet CA118, Detail A. The clear opening of the cantilever gate shall be 24'-0". The height of the gate shall be 6'-0".

Revise Detail B – Post & Rail Fencing Detail as follows:

Omit the 2 Rail Small, 3 Rail Small, and 3 Rail Large fencing details

Item No. 30. Construction Drawings – Sheet CC203 – Drain Piping Elevations and Schedule

Detail 4 – Pump Chamber Overflow Drain Detail – Modify Manhole #3 note as follows:

MANHOLE #3, RIM EL = 513.50, PROVIDE DROP-IN, SQUARE CAST-IRON GRATE.

Item No. 31. Construction Drawings – Sheet CC214 – Filters Section – 1

Revise Support Beam note as follows:

SUPPORT BEAM AL. TUBE 12X5 RECT. 5x12x.375

Item No. 32. Construction Drawings – Sheet CC217 – Pipe Gallery Elevation & Schedules

Add 12" Flange Coupling Adapter on the upstream side of the 12" Magnetic Flow Meter

Item No. 33. Construction Drawings – Sheet CC218 – Filter Weir Sections and Details

Revise Section 2 – Weir & Effluent Box as follows:

Omit the Removable Silt Stop from the 36" EFF-DI Outlet

Item No. 34. Construction Drawings – Sheet CC221 – Backwash Pump Plan & Sections

Replace FRP with Aluminum in regards to the weir plates and guide frame.

Item No. 35. Construction Drawings – Civil and Structural Sheets

All stairs and stair platforms shall be aluminum. In other places where aluminum or FRP grating are called out inside the building (Water Barn), either is acceptable.

Item No. 36. Construction Drawings – Sheet CC226 – Air Piping Details

Added Sheet CC226 to Construction drawings: see sheet herein.

Item No. 37. Construction Drawings – Sheets SA101 – Finished Water Meter Vault Plan & Sections

Revise access hatches dimensions as follows: 72" x 60" DBL Leaf, 36" x 30".

Item No. 38. Construction Drawings – Sheet SA102 – FTW Box Plan & Sections

Omit Note #3

Remove cut out from Grating. Grating dimensions shall be 6'-4" x 3'-0"

Item No. 39. Construction Drawings – Sheet SA104 – Junction Box East Elevation & Sections

Revise General Notes #3: Change S12 to SA103.

Add the following to the General Notes:

5. A Curb Angle shall be set in concrete wall where there is a grate frame.

Use 2" FRP GRATING, Omit Galvanized grating

Item No. 40. Construction Drawings – Sheet SC211 – Trains – Slab Plans @ EL=533.67 & EL=529.00

Revise note ALUM. ¼" PL's with flush mounted handles sized to weigh approx. 40 LBS. ea as follows:

24" x 84" SINGLE-LEAF HINGED ACCESS DOOR (TYP.) REF. A/CC218

Item No. 41. Construction Drawings – Sheet E2 – Electrical Site Plan

Add the following circuits from Panel LP1 to the generator:

(3#6+1#10EG)1"C from Panel LP1 to generator.

(3#10)1"C from Panel LP1 to generator.

Add the following note to generator / switchgear concrete pad - "APPROXIMATE DIMENSIONS HAVE BEEN USED FOR THE GENERAL LAYOUT AND SIZE OF THE CONCRETE PAD, CONTRACTOR SHALL COORDINATE FINAL LAYOUT AND PAD DIMENSIONS WITH ACTUAL SUBMITTED AND APPROVED EQUIPMENT AT NO ADDITIONAL COST."

Item No. 42. Construction Drawings – Sheet E18 – Electrical One-Line and Schedules

The electrical service is intended to be a 4000 amp, 480 volt, 3 phase service. Modify the one line as follows:

Change the feeder from the utility transformer to the main service entrance disconnect from a 5000 amp feeder to a 4000 amp feeder 11 sets(3#500+1#500N) 4"C.

Change the service entrance main disconnect from 5000 amp to 4000 amp.

Change the feeder from the main service entrance disconnect to the ATS from a 5000 amp feeder to a 4000 amp feeder 11 sets(3#500+1#500N+ 1#500EG) 4"C.

Add note to the generator as "OWNER FURNISHED CONTRACTOR INSTALLED".

Add the following rating to the ATS "4000A/3P"

Change the feeder from the ATS to the main switchboard from a 5000 amp feeder to a 4000 amp feeder 11 sets(3#500+1#500N+ 1#500EG) 4"C.

Change the main circuit breaker rating in the main switchboard from 5000 amps to 4000 amps.

Item No. 43. Construction Drawings – Sheet E21 – Electrical Panel Schedules III

Add the following circuit breakers in Panel LP1 to the generator:

50A/3P – Generator block Heater

20A/1P – Generator Battery Charger

Item No. 44. Construction Drawings – Sheet P-1 –Office Plan - Plumbing

All Pneumatic Rotary Vane Valve Actuators shall be supplied by a single supplier.

Reference Specifications Section 409500-2.4

Item No. 45. Construction Drawings – Sheet P-3 – Water Treatment Plant Plan-Air Piping Plumbing

All Pneumatic Rotary Vane Valve Actuators shall be supplied by a single supplier.

Reference Specifications Section 409500-2.4

Item No. 46. Construction Drawings – Sheet P-5 – Plumbing Schedule

Revise Plumbing Fixture Rough-in Schedule / Specifications as follows:

Add Wall Carrier to U-1 Reference Product column

Add Floor Sink (FS-1). Floor sink to be equal to Wade Model 9113-1, 8" x 8" with 6" sump, A.R.E. coating with satin nickel bronze half grate. Provide with deep seal trap.

END OF ITEMS

All other provisions of the Contract Documents remain unchanged. Acknowledge receipt of this addendum on the Bid Form. Bids must be received at Hot Springs Finance Department, 324 Malvern Ave., Hot Springs, AR 71901 by 2:00 PM on July 26, 2022.



7/15/2022

Matthew D. Dunn, PE (Crist Engineers, Inc.)

Date

CITY OF HOT SPRINGS, ARKANSAS

WATER TREATMENT PLANT

2022

MAYOR

PAT McCABE

BOARD OF DIRECTORS

MARCIA DOBBS-SMITH

KAREN GARCIA

ERIN HOLLIDAY

ELAINE JONES

STEVE TRUSTY

CARROLL WEATHERFORD



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BILL BURROUGH

DEPUTY CITY MANAGER

DENNY MCPHATE

LANCE SPICER

CITY ENGINEER

GARY CARNAHAN

PROJECT MANAGER

TODD PILLER

UTILITIES DIRECTOR

MONTY LEDBETTER

ENGINEER

CRIST ENGINEERS, INC.

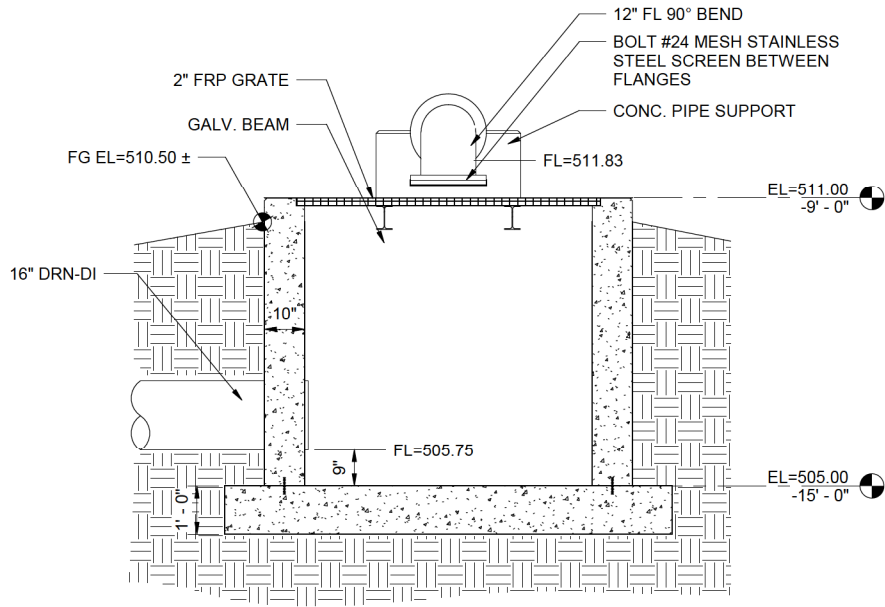
LITTLE ROCK, ARKANSAS

CONTRACTOR

CONTRACTOR NAME

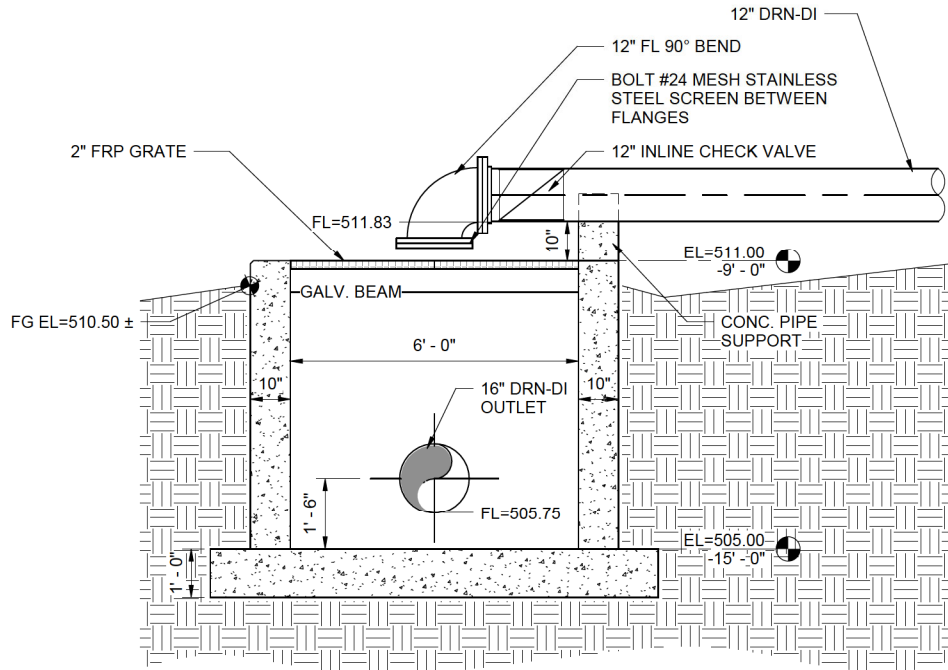
CONTRACTOR CITY

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FTW BOX SECTION
SCALE: 1/2" = 1'-0"

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CA108

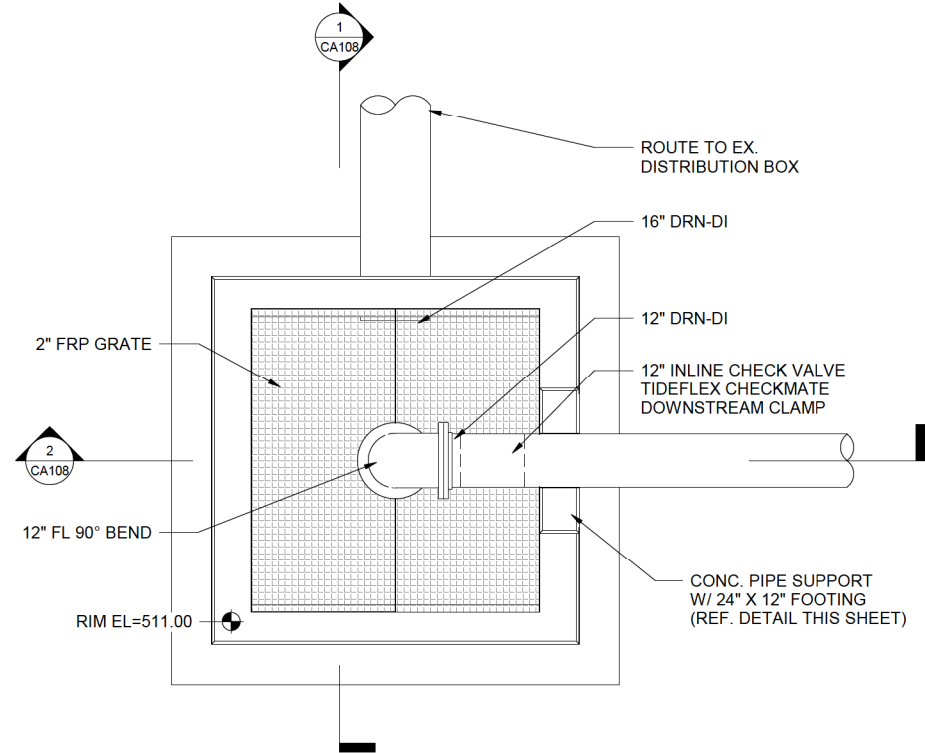


FTW BOX ELEVATION
SCALE: 1/2" = 1'-0"

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CA108

NOTE:

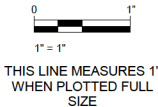
1. REF. SHEET CA104 FOR PIPING CONTINUATION



FTW BOX PLAN
SCALE: 1/2" = 1'-0"



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	7/22	KEG	MDD	ADDENDUM NO. 1 SHEET ADDED TO SET



DESIGNED:	MDD
DRAFTED:	KEG
CHECKED:	MDD
DATE:	JUN 2022

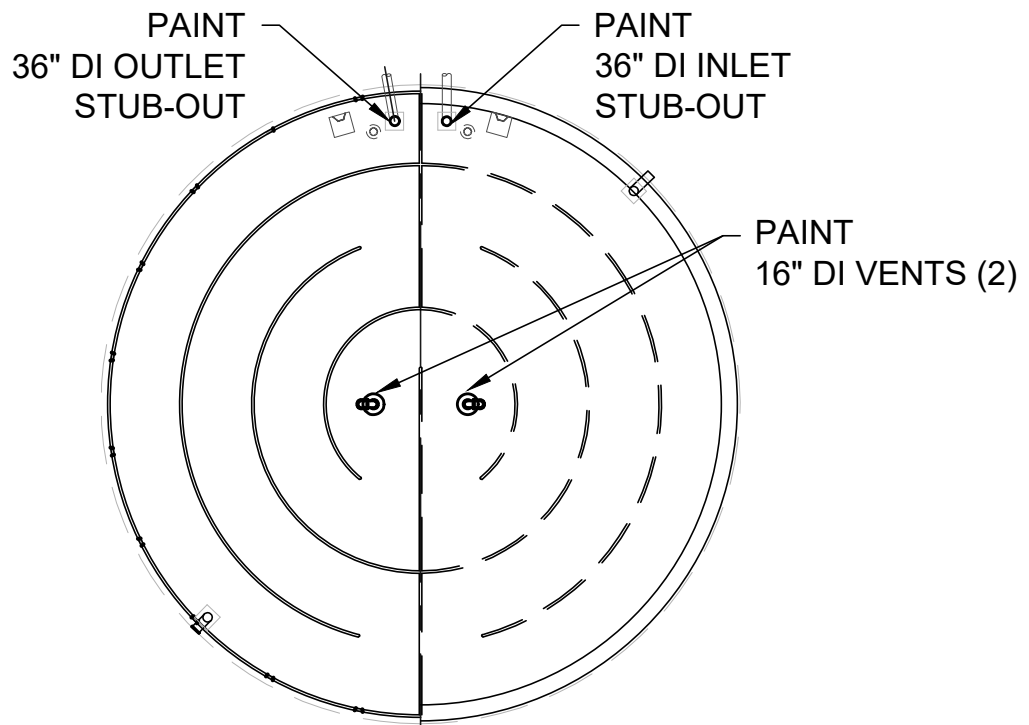


CRIST ENGINEERS, INC.
CONSULTING ENGINEERS
205 EXECUTIVE COURT
LITTLE ROCK, ARKANSAS 72205
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

CITY OF HOT SPRINGS, ARKANSAS
LAKE OUACHITA WATER SUPPLY PROJECT
WATER TREATMENT PLANT
BID SET
PHASE 3 - TREATMENT PLANT
FTW BOX PLAN AND SECTIONS

JOB NO:
1925
SHEET NO:
CA108

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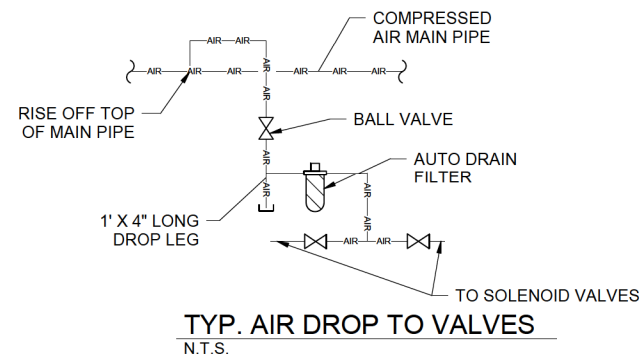
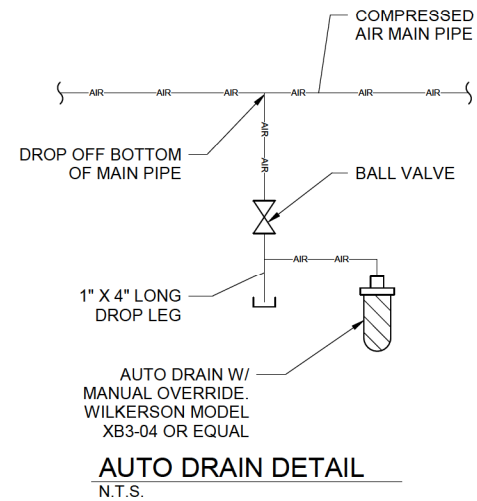
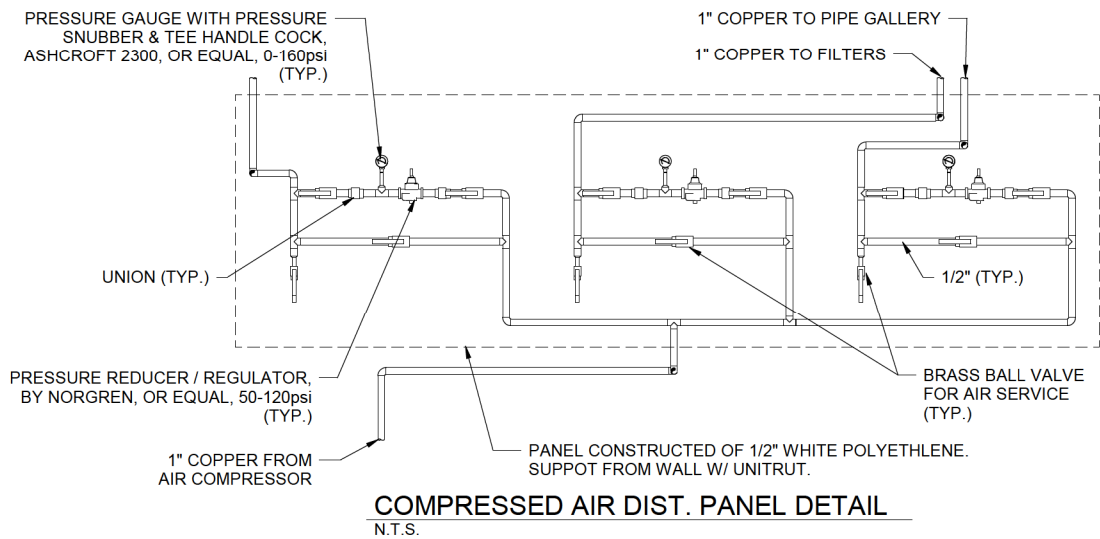


EXISTING 3MG CLEARWELL
PAINTING DETAIL

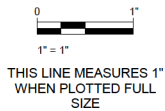
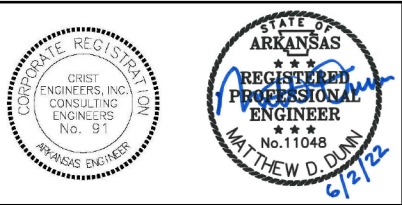
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 CRIST ENGINEERS, INC. CONSULTING ENGINEERS LITTLE ROCK, ARKANSAS		CITY OF HOT SPRINGS, AR	
		LAKE OUACHITA WATER SUPPLY PROJECT	
PHASE 3 - WATER TREATMENT PLANT		CIVIL SITE DETAILS 3	
EXISTING 3MG CLEARWELL PAINTING DETAIL			
DESIGNED: MDD	JOB NO. 1925	DATE JUL. 2022	ADD. NO. 1
DRAFTED: KEG	SCALE: NOT TO SCALE		REF SHEET CA115
CHECKED: MDD			



REV. NO.	DATE	DRWN	CHKD	REMARKS
1	7/22	KEG	MDD	ADDENDUM NO. 1 SHEET ADDED TO SET



DESIGNED:	MDD
DRAFTED:	KEG
CHECKED:	MDD
DATE:	JUN 2022



CRIST ENGINEERS, INC.
CONSULTING ENGINEERS
205 EXECUTIVE COURT
LITTLE ROCK, ARKANSAS 72205
TELEPHONE: (501) 664-1552
FAX: (501) 664-8579
WWW.CRISTENGINEERS.COM

CITY OF HOT SPRINGS, ARKANSAS
LAKE OUACHITA WATER SUPPLY PROJECT
WATER TREATMENT PLANT
BID SET
PHASE 3 - TREATMENT PLANT
AIR PIPING DETAILS

JOB NO:
1925
SHEET NO:
CC226