

CONSTRUCTION CONTRACT CHANGE ORDER

CO NUMBER	2
BID ITEM	20-194
DATE	1/30/2023

PROJECT TITLE Fort Gordon Army Base, B Street Water Main Improvements
ORIGINAL CONTRACT DATE 8/11/2020 **PROJECT NUMBER** FG-2019-002
OWNER AUGUSTA, GEORGIA **PO NUMBER** 20UT1937

The following change is hereby made to the contract for the above project:

Description of Change (for a more detailed description see attached):
Increase contract amount by \$146,772.00 due to additional project scope as detailed by the attached pay application line items. Additional work quantities includes 112 SY sidewalk replacement (Line Item P-5), 194 LF curb and gutter replacement (P-9), two 6" water main tie-ins (W-16A), four 8" water main tie-ins (W-16B), one 12" water main tie-in (W-16C), six 3" and 4" water main tie-ins (W-16D), six 4" gate valves (W-6A) and eight 6" gate valves (W-6A) for an additional cost of \$152,652.00. The change order amount includes a reconciliation of other contract line item over-run and under-runs, which decreases the change order amount to \$146,772.00. The additional quantities are constructed at AUD's direction at the contract unit price.

PAYEE	Blair Construction, Inc.
TOTAL AMOUNT OF THIS CHANGE ORDER	\$ 146,772.00
The contract time will be INCREASED by <u>0</u> calendar days as a result of this change.	
ORIGINAL CONTRACT AMOUNT	\$ 1,237,631.00
PREVIOUS CHANGE ORDER (INCREASE)	\$ 76,511.50
THIS CHANGE ORDER (INCREASE)	\$ 146,772.00
TOTAL REVISED CONTRACT AMOUNT WITH CHANGE ORDER	\$ 1,460,914.50

FUNDING NUMBER/ACCOUNT NUMBER 507043410 5425110

88880200 5425110

PROPOSED BY:

CONTRACTOR

DATE:

1/30/23

REQUESTED BY:

ENGINEER

DATE:

2/13/23

SUBMITTED BY:

DEPARTMENT HEAD

DATE:

FINANCE ENDORSEMENT:

COMPTROLLER

DATE:

RECOMMENDED BY:

ADMINISTRATOR

DATE:

APPROVED BY:

MAYOR

DATE:

AUGUSTA, GEORGIA

PURCHASE ORDER

SUITE 605, PROCUREMENT DEPARTMENT
535 TELFAIR STREET, MUNICIPAL BUILDING 1000
AUGUSTA, GEORGIA 30901-2377
PHONE: (706) 821-2422

Page 1 of 1

PURCHASE ORDER NO.
20UTI937

DATE 08/25/22	DEPARTMENT 043410	VENDOR PHONE # 868-1950	REQUISITION/QUOTE NO. R336434
VENDOR # 2652	E-VERIFY #	EMAIL	PURCHASE ORDER NUMBER ABOVE MUST APPEAR ON ALL INVOICES, SHIPPING PAPERS, AND PACKAGES.
VENDOR BLAIR CONSTRUCTION CO P O BOX 770 EVANS, GA 30809			
SHIP TO: AUGUSTA UTILITIES ADMIN 452 WALKER STREET SUITE 200 AUGUSTA, GA 30901			BILL TO: AUGUSTA, GEORGIA ACCOUNTING DEPARTMENT, SUITE 800 535 TELFAIR STREET, MUNICIPAL BUILDING 1000 AUGUSTA, GA 30901-2379 (706) 821-2335 ALL INVOICES AND CORRESPONDENCE MUST BE SENT TO ABOVE ADDRESS REGARDLESS OF SHIPPING DESTINATION.
ATTN: CO 1 BID NUMBER: 20194 CONTRACT #: 20UTI937 BUYER: NANCY			

ITEM #	QUANTITY	UNIT	PRODUCT ID	DESCRIPTION	UNIT PRICE	AMOUNT
0001	1	EACH		CONSTRUCTION OF FG ARMY BASE B STREET WATER MAIN APPROVED BY COMMISSION 6/24/20, ITEM #30 507-04-3410/54-25110	1,237,631.	1,237,631.00
0002	1	EACH		REPRINT TO CORRECT ACCOUNT NUMBER FOR CO 1 *NANCY WILLIAMS 8/23/22 CO 1: ADDITIONAL SERVICES FOR ASPHALT OVERLAY - CONSTRUCTION OF FORT GORDON ARMY BASE STREET WATER MAIN APPROVED BY COMMISSION 6/30/22, ITEM #23 507-04-3410/54-25110 88880200-5425110	76,511.50	76,511.50

CONDITIONS - READ CAREFULLY

- The purchaser is exempt by statute from payment of Federal, State, and Municipal sales, excise and other taxes.
- Shipping charges prepaid by vendor.
- Payment will be made on complete shipments only, unless otherwise requested.
- DELIVERY TICKET MUST ACCOMPANY GOODS.
- No back orders. We will reorder if available.
- Please make deliveries between 9 A.M. and 4 P.M.
- All goods received with subsequent privilege to inspect and return at Vendor's expense if defective or not in compliance with our specifications.
- Indoor delivery if necessary.
- Payment Net 30 or according to contract.

Sent by:

AUG 26 2022

Tess Thompson

NET TOTAL.....

1,314,142.50

APPROVED FOR ISSUE

GASAMS

REQUISITIONER

PROCUREMENT DIRECTOR

PERIODIC ESTIMATE FOR PARTIAL PAYMENT

PROJECT: 1903-00

ENGINEER: ZEL Engineers

OWNER: Augusta Utilities Department

PERIOD ENDING:

May 21, 2021

CONTRACTOR: Blair Construction, Inc.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
PAY ITEM	ITEM DESCRIPTION	Contract				Completed Previous Periods			Completed This Period			Total Completed to Date			% Completion	Balance to finish
		Quantity	Unit	Cost per Unit	Total Cost of Item	Quantity	Unit	Total Cost of Item	Quantity	Unit	Total Cost of Item	Quantity	Unit	Total Completed to Date		
W-2A	8" Diameter Ductile Iron, Class 350 Restrained Joint Pipe Water Main	160	LF	\$ 155.00	\$ 24,800.00	199.00		\$ 30,845.00			\$ -	199.00		\$30,845.00	124.38%	\$ (6,045.00)
W-2B	12" Diameter Ductile Iron, Class 350 Restrained Joint Pipe Water Main	4320	LF	\$106.00	\$ 457,920.00	4,349.00		\$ 460,994.00			\$ -	4,349.00		\$ 460,994.00	100.67%	\$ (3,074.00)
W-2C	6" Diameter Ductile Iron, Class 350 Restrained Joint Pipe Water Main	190	LF	\$105.00	\$ 19,950.00	211.00		\$ 22,155.00			\$ -	211.00		\$ 22,155.00	111.05%	\$ (2,205.00)
W-2D	4" Diameter Ductile Iron, Class 350 Restrained Joint Pipe Water Main	180	LF	\$112.00	\$ 20,160.00	174.00		\$ 19,488.00			\$ -	174.00		\$ 19,488.00	96.67%	\$ 672.00
W-4A	12" 90 Degree Bend, MJ, Restrained Joint Fitting (RJF)	1	EA	\$1,266.00	\$ 1,266.00	1.00		\$ 1,266.00			\$ -	1.00		\$ 1,266.00	100.00%	\$ -
W-4B	12" 45 Degree Bend, MJ, RJF	20	EA	\$1,152.00	\$ 23,040.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 23,040.00
W-4D	8" 45 Degree Bend, MJ, RJF	3	EA	\$551.00	\$ 1,653.00	4.00		\$ 2,204.00			\$ -	4.00		\$ 2,204.00	133.33%	\$ (551.00)
W-4E	12" x 12" Tee, MJ, RJF	2	EA	\$1,688.00	\$ 3,376.00	2.00		\$ 3,376.00			\$ -	2.00		\$ 3,376.00	100.00%	\$ -
W-4F	12" x 8" Tee, MJ, RJF	14	EA	\$1,378.00	\$ 19,292.00	14.00		\$ 19,292.00			\$ -	14.00		\$ 19,292.00	100.00%	\$ -
W-4G	12" x 6" Tee, MJ, RJF	20	EA	\$1,331.00	\$ 26,620.00	15.00		\$ 19,965.00			\$ -	15.00		\$ 19,965.00	75.00%	\$ 6,655.00
W-4H	12" x 4" Tee, MJ, RJF	7	EA	\$1,268.00	\$ 8,876.00	9.00		\$ 11,412.00			\$ -	9.00		\$ 11,412.00	128.57%	\$ (2,536.00)
W-4I	8" x 6" Reducer, MJ, Restrained Joint Fitting (RJF)	7	EA	\$502.00	\$ 3,514.00	3.00		\$ 1,506.00			\$ -	3.00		\$ 1,506.00	42.86%	\$ 2,008.00
W-4J	12" Plug, MJ, RJF	2	EA	\$554.00	\$ 1,108.00	4.00		\$ 2,216.00			\$ -	4.00		\$ 2,216.00	200.00%	\$ (1,108.00)
W-4K	8" Plug, MJ, RJF	1	EA	\$317.00	\$ 317.00	8.00		\$ 2,536.00			\$ -	8.00		\$ 2,536.00	800.00%	\$ (2,219.00)
W-4L	6" Plug, MJ, RJF	1	EA	\$262.00	\$ 262.00	12.00		\$ 3,144.00			\$ -	12.00		\$ 3,144.00	1200.00%	\$ (2,882.00)
W-4M	4" Plug, MJ, RJF	1	EA	\$164.00	\$ 164.00	5.00		\$ 820.00			\$ -	5.00		\$ 820.00	500.00%	\$ (656.00)
W-4N	4" x 3" Rducer, MJ, RJF	6	EA	\$276.00	\$ 1,656.00	4.00		\$ 1,104.00			\$ -	4.00		\$ 1,104.00	66.67%	\$ 552.00
W-4O	8" x 6" Reducer, MJ, Restrained Joint Fitting (RJF)	7	EA	\$502.00	\$ 3,514.00	3.00		\$ 1,506.00			\$ -	3.00		\$ 1,506.00	42.86%	\$ 2,008.00
W-5A	Fire Hydrant Assembly	11	EA	\$4,626.00	\$ 50,886.00	11.00		\$ 50,886.00			\$ -	11.00		\$ 50,886.00	100.00%	\$ -
W-6A	4" Diameter in Line Vertical Gate Valve	1	EA	\$953.00	\$ 953.00	7.00		\$ 6,671.00			\$ -	7.00		\$ 6,671.00	700.00%	\$ (5,718.00)
W-6B	6" Diameter in Line Vertical Gate Valve	1	EA	\$1,109.00	\$ 1,109.00	9.00		\$ 9,981.00			\$ -	9.00		\$ 9,981.00	900.00%	\$ (8,872.00)
W-6C	8" Diameter in Line Vertical Gate Valve	13	EA	\$1,620.00	\$ 21,060.00	12.00		\$ 19,440.00			\$ -	12.00		\$ 19,440.00	92.31%	\$ 1,620.00
W-6D	12" Diameter in Line Vertical Gage Valve	12	EA	\$3,292.00	\$ 39,504.00	11.00		\$ 36,212.00			\$ -	11.00		\$ 36,212.00	91.67%	\$ 3,292.00
W-14A	2" Diameter Short Side Water Service Connection	2	EA	\$3,229.00	\$ 6,458.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 6,458.00
W-16A	Tie Into Existing 6" Water Main (With Deadman or Thrust Block Restraint)	7	EA	\$5,697.00	\$ 39,879.00	9.00		\$ 51,273.00			\$ -	9.00		\$ 51,273.00	128.57%	\$ (11,394.00)
W-16B	Tie Into Existing 8" Water Main (With Deadman or Thrust Block Restraint)	3	EA	\$6,852.00	\$ 20,556.00	7.00		\$ 47,964.00			\$ -	7.00		\$ 47,964.00	233.33%	\$ (27,408.00)
W-16C	Tie Into Existing 12" Water Main (With Deadman or Thrust Block Restraint)	1	EA	\$19,322.00	\$ 19,322.00	2.00		\$ 38,644.00			\$ -	2.00		\$ 38,644.00	200.00%	\$ (19,322.00)
W-16D	Connect to Existing 3" or 4" Water Main (With Deadman or Thrust Block Restraint)	3	EA	\$4,251.00	\$ 12,753.00	9.00		\$ 38,259.00			\$ -	9.00		\$ 38,259.00	300.00%	\$ (25,506.00)
W-18	Abandon Valve	9	EA	\$316.00	\$ 2,844.00	-		\$ -	30.00		\$ 9,480.00	30.00		\$ 9,480.00	333.33%	\$ (6,636.00)
W-21	Remove Fire Hydrant	11	EA	\$866.00	\$ 9,526.00	2.00		\$ 1,732.00	13.00		\$ 11,258.00	15.00		\$ 12,990.00	136.36%	\$ (3,464.00)
W-22	Polyethylene Wrap	1100	LF	\$4.05	\$ 4,455.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 4,455.00
P-2	Asphalt Pavemnt Removal and Replacement With (AUD Detail 4.1.1) (5'-0" Wide)	1925	SY	\$105.00	\$ 202,125.00	3,253.00		\$ 341,565.00			\$ -	3,253.00		\$ 341,565.00	168.99%	\$ (139,440.00)
P-5	Saw Cut, Remove and Replace Existing Concrete Sidewalk, Complete	95	SY	\$292.00	\$ 27,740.00	-		\$ -	207.00		\$ 60,444.00	207.00		\$ 60,444.00	217.89%	\$ (32,704.00)
P-9	Saw Cut, Remove and Replace Concrete Curb & Gutter (Perpendicular Cosssing Only), Complete	190	LF	\$112.00	\$ 21,280.00	-		\$ -	384.00		\$ 43,008.00	384.00		\$ 43,008.00	202.11%	\$ (21,728.00)
M-1	Flowable Fill	56	CY	\$288.00	\$ 16,128.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 16,128.00
M-4	Select Refill Material	100	CY	\$14.50	\$ 1,450.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 1,450.00
M-6A	Inlet Sediment Trap, Sd2-P	11	EA	\$425.00	\$ 4,675.00	11.00		\$ 4,675.00			\$ -	11.00		\$ 4,675.00	100.00%	\$ -
M-6B	Silt Fence, Sd1-NS	300	LF	\$4.00	\$ 1,200.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 1,200.00

PERIODIC ESTIMATE FOR PARTIAL PAYMENT

PROJECT: 1903-00

ENGINEER: ZEL Engineers

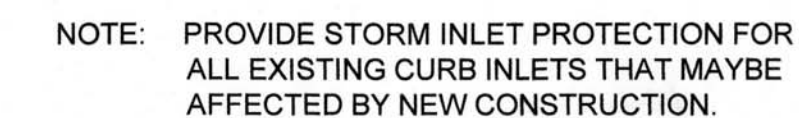
OWNER: Augusta Utilities Department

PERIOD ENDING:

May 21, 2021

CONTRACTOR: Blair Construction, Inc.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
PAY ITEM	ITEM DESCRIPTION	Contract				Completed Previous Periods			Completed This Period			Total Completed to Date			% Completion	Balance to finish
		Quantity	Unit	Cost per Unit	Total Cost of Item	Quantity	Unit	Total Cost of Item	Quantity	Unit	Total Cost of Item	Quantity	Unit	Total Completed to Date		
					C*E			G*E			J*E	G+J	Unit	I+L	O/F	F-O
LS-1	Mobilization, Demobilization	1	LS	\$12,374.00	\$ 12,374.00	0.50		\$ 6,187.00	0.50		\$ 6,187.00	1.00		\$ 12,374.00	100.00%	\$ -
LS-2	Bonds and Insurance	1	LS	\$14,850.00	\$ 14,850.00	1.00		\$ 14,850.00			\$ -	1.00		\$ 14,850.00	100.00%	\$ -
LS-4	Traffic Control For Vehicular and Pedestrian Ways	1	LS	\$21,035.00	\$ 21,035.00	0.60		\$ 12,621.00	0.40		\$ 8,414.00	1.00		\$ 21,035.00	100.00%	\$ -
LS-5	Permanent Grassing	1	LS	\$7,981.00	\$ 7,981.00	-		\$ -	1.00		\$ 7,981.00	1.00		\$ 7,981.00	100.00%	\$ -
LS-7	Allowance No. 1 - Owner Project Allowance	1	LS	\$60,000.00	\$ 60,000.00	-		\$ -			\$ -	-		\$ -	0.00%	\$ 60,000.00
CO#1	Insert a Valve	1	LS	\$29,353.50	\$ 29,353.50	1.00		\$ 29,353.50		LS	\$ -	1.00	LS	\$ 29,353.50	100.00%	\$ -
	TOTAL				\$ 1,268,984.50			\$ 1,314,142.50			\$ 146,772.00			\$1,460,914.50		\$ (183,930.00)



811

**CALL 3 WORKING DAYS
Call Before You Dig**

SEE SHEET C09 & C10 FOR 8" WATER MAIN
B STREET TO BARNES AVE.

PLAN

SCALE: 1" = 20'



SCALE: HORIZ. 1"=20'
VERT. 1"=10'



ZEL
— ENGINEERS —

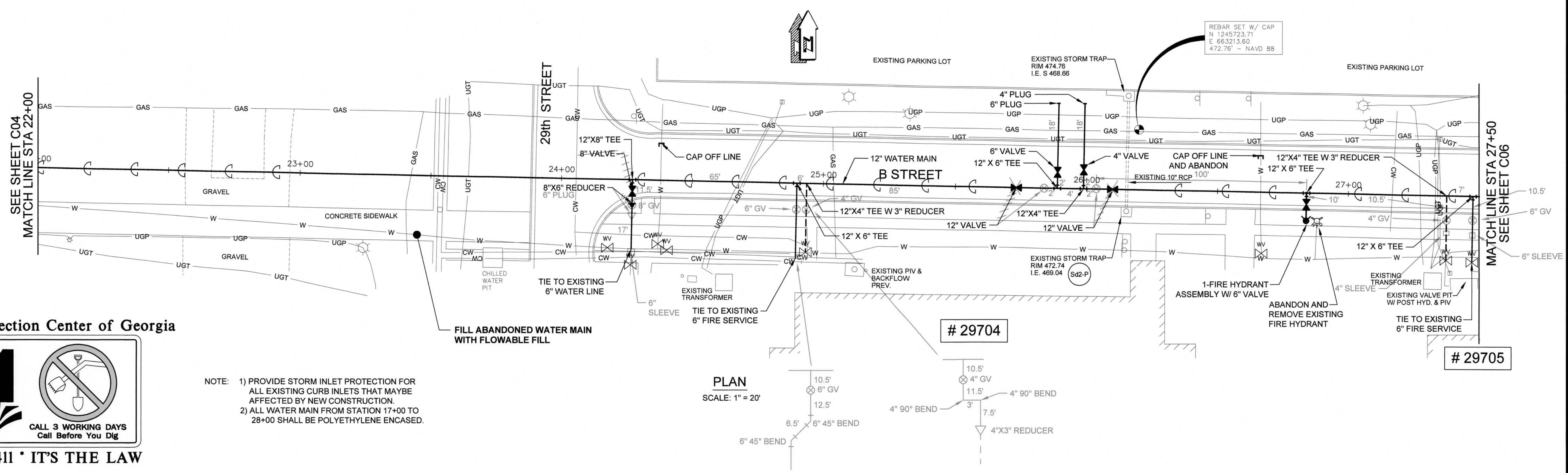
AUGUSTA UTILITIES DEPARTMENT (FORT GORDON)

12" WATER MAIN B STREET
8" WATER MAIN B STREET TO BARNES AVENUE
B STREET WATER MAIN
STA 0+00 TO STA 5+50

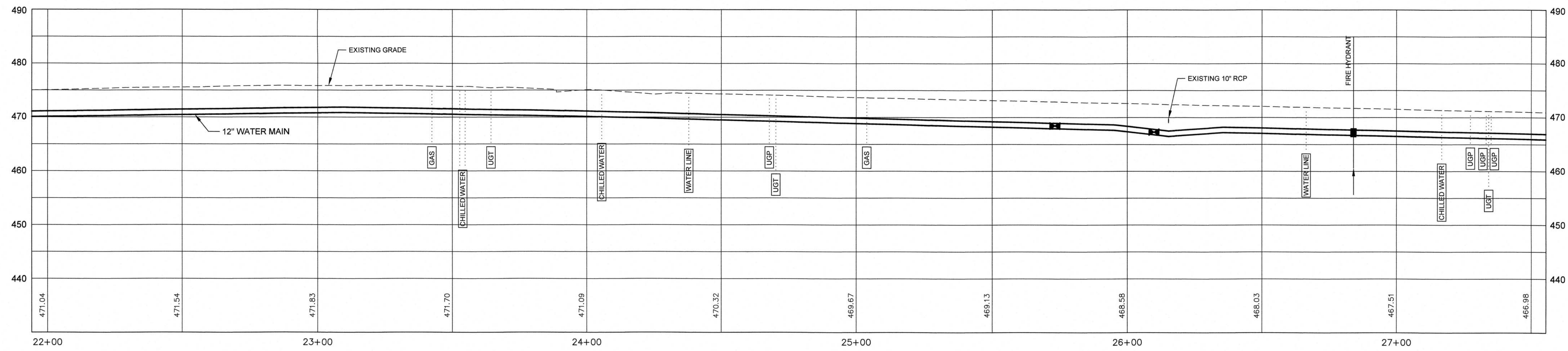
		IF THIS BAR DOES NOT MEASURE 1" DRAWING IS NOT TO LABELED SCALE	
DESIGNED	CKH	REF.	1903-00
DRAWN	CKH	DATE	JAN 2020
QC		SCALE	AS SHOWN

DWG NO.

C01



PLAN
SCALE: 1" = 20'



PROFILE
SCALE: HORIZ. 1"=20'
VERT. 1"=10'

Utilities Protection Center of Georgia

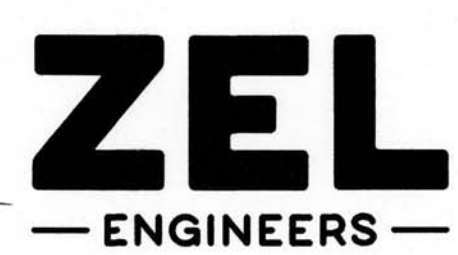
1-800-282-7411 • IT'S THE LAW

NOTE: 1) PROVIDE STORM INLET PROTECTION FOR ALL EXISTING CURB INLETS THAT MAYBE AFFECTED BY NEW CONSTRUCTION.
2) ALL WATER MAIN FROM STATION 17+00 TO 28+00 SHALL BE POLYETHYLENE ENCASED.

J:\2019\1903 Augusta Utilities Department\1903-00 Fort Gordon B Street Water Main Drawings\Record Drawings\1903-00 01-C-10.dwg, 12/28/2021 10:35:50 AM, KChandler, HP Designjet T2500 Rul. 2 x 3, 11



NO.	DATE	REVISION	BY	APVD
1	12-28-2021	RECORD DRAWING	KDC	



Zimmerman, Evans and Leopold, Inc.
435 Telfair Street, Augusta, Georgia 30901
Office - 706-724-5627 Fax - 706-724-5789
www.zelengineers.com

AUGUSTA UTILITIES DEPARTMENT (FORT GORDON)				
12" WATER MAIN B STREET 8" WATER MAIN B STREET TO BARNES AVENUE B STREET WATER MAIN STA 22+00 TO STA 27+50				
DESIGNED	CKH	REF.	1903-00	DWG NO.
DRAWN	CKH	DATE	JAN 2020	C05
QC		SCALE	AS SHOWN	

0 1

IF THIS BAR DOES NOT MEASURE 1" DRAWING IS NOT TO LABELED SCALE

DESIGNED CKH REF. 1903-00 DWG NO. **C05**

DRAWN CKH DATE JAN 2020

QC SCALE AS SHOWN

[Signature]
G8WCC LEVEL II CERTIFICATION NO. D600052945

