CTI Engineers, Inc.
Chattanooga, TN 37402
Phone 423.267.7613
Fax 423.267.0603
www.ctiengr.com

LETTER OF TRANSMITTAL

TO:	Unity Construction Co., Inc.	brian@unityconstructioninc.com
	Tippins Contracting Co., Inc.	trivers@tippinscontracting.com
	RDJE, Inc.	sfuller@rdjeinc.com
	Wilson Construction Management, LLC	dmiller@wilsoncm.com
	C.H. Kirkpatrick & Sons	patty.chkp@gmail.com
	Helix Group, Inc.	admin@helixgroupinc.com
	UWS, LLC	zach.hughes@uwsinc.net
	Site Engineering, Inc.	tamara@siteengineeringinc.com
	HD Excavations & Utilities, LLC	amanda@HD-excavations.com
	Empire Pipe	jon.herrell@empirepipe.com
	The Blue Book	emcveigh@mail.thebluebook.com
	Dodge Data & Analytics	dodge.bidding@construction.com
	Builders Exchange of Tennessee	heather@bxtn.org
	Associated General Contractors	planroom@agcetn.org
	ConstructConnect	jennifer.pieniazek@constructconnect.com
	Lamont Kiser, P.E.	Kiserl@bartowcountyga.com
	Daniel Manny, P.E.	Mannyd@bartowcountyga.com
	Lori Cirami, P.E.	Ciramil@bartowcountyga.com
	Wil Jackson, E.I.	wjackson@ctiengr.com

FROM: Philip Schofield, P.E.

DATE: December 29, 2021

PROJ. NO.: G21028

SUBJECT: Addendum No. 3
Bartow County, GA
Chitwood Cove Road Water Relocation Bid No. 21-55-08

PAGES: 6 pages to follow

PLEASE RESPOND ➔ ➔ ➔ ➔	**TO CONFIRM RECEIPT OF THIS ADDENDUM NO. 3 PLEASE SIGN AND EMAIL TO CTI** **vvisco@ctiengr.com** **Company** _____ **Signature** _____ **Title** _____ **Date** _____

ID 746095

ADDENDUM NO. 3
BARTOW COUNTY, GEORGIA
FOR THE CONSTRUCTION OF THE
CHITWOOD ROAD WATER RELOCATION
Bid No. 21-55-08

The following changes shall be made to the Contract Documents, Specifications, and Drawings:

CONTRACT DOCUMENTS

A. ***Section 00 42 00, Bid Schedule for Unit Price.*** DELETE Pages 00 42 00-1.1 thru 00 42 00-4.1 and REPLACE with the attached Pages 00 42 00-1.2 thru 00 42 00-4.2.

DRAWINGS

A. ***Drawing 8.2*** REPLACE Drawing 8.1 with the attached Drawing 8.2

CLARIFICATIONS

A. The 6-inch and 8-inch ductile iron pipe will be supplied by the owner. Contractor shall coordinate pickup at the Bartow County stockyard located at 150 Page Mine Road in Cartersville.
B. All ductile iron pipe (DIP) must be manufactured in the USA. Approved DIP manufactures are American Cast Iron Pipe and US Pipe Company.

Date: December 29, 2021

CTI Engineers, Inc.
/s/ Philip R. Schofield, P.E.
Senior Project Manager

BID SCHEDULE FOR UNIT PRICE
CHITWOOD COVE ROAD WATERLINE RELOCATION
BARTOW COUNTY WATER DEPARTMENT
BARTOW COUNTY, GEORGIA
Bid. No. 20-55-08

Note: Unless otherwise stated, all bid items shall be a complete installation as specified and/or shown on the Drawings.

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
	SCHEDULE I - BASE BID				
00 61 13	**Performance & Payment Bonds** (Max 2% of Bid)	LS	1		$ -
01 11 00	**Mobilization and Bonding** (Maximum 2.5% of Bid) Including Locating and Excavating (pot-holing) the Existing Utilities, Coordination with the Bartow County Water Department to Locate the Existing Water Meters, Staking or marking center line for Pipe Alignment	LS	1		$ -
01 22 00b	**Traffic Control Devices for Traffic Control and Road Closure** to Meet MUTCD and GDOT Requirements	LS	1		$ -
01 78 39	**GPS Survey** for Record Drawings	LS	1		$ -
03 05 23	**Utility Line Crossing of Highways & Roads**				
03 05 23a	Roadway Crossing of Wilderness Camp Rd by Jack and Bore Method. Complete Installation by Boring and Jacking Including Excavation and Compacted Backfill of Bore & Receiving Pits, 12-inch Steel Casing Pipe, 6-inch DIP Carrier Pipe, Casing Spacers, End Seals, Topsoil, Fine Grading, Seeding, and Mulching	LF	50		$ -
03 05 23b	Roadway Crossing of Chitwood Cove Rd by Open Cut Method. Complete Installation Including 4-inch PVC Casing Pipe, 2-inch Poly Tubing, from Tee to Meter	LF	30		$ -
03 05 23c	Service Line Connection to Campground, including 4-inch PVC Casing Pipe, 2-inch Poly Tubing, Bore/Punch/Drill under asphalt parking lot, from Meter to PRV connection	LF	80		$ -
03 05 23d	**Rock Drilling** for Roadway Crossings by Jack and Bore Method.	LF	50		$ -
03 30 00	**Cast-In-Place Concrete**, Complete in Place as Specified and/or Shown on the Drawings				
03 30 00a	**Cast-In-Place Concrete - 3,000 PSI Class B** for Thrust Blocks, Pipe Encasement, and Pipe Protection	CY	15		$ -
03 30 00b	**Cast-In-Place Concrete - 4,000 PSI Class A** Formed, Poured, and Light Broom Finished for Slabs or Sidewalk Repair (4" Minimum Thickness) to Match Existing Grade and Elevations	SF	2,000		$ -
31 20 00	**Earthwork**				
31 20 00a	**Crushed Stone Backfill** in Trench for 6" and 8" Water Lines in Streets, Parking Lots, and Asphalt or Concrete Driveways from Top of Bedding to Finished Grade	LF	300		$ -
31 20 00b	**Crushed Stone Bedding Material**, in Excess of that Required for Standard Bedding and Haunching	CY	150		$ -
31 20 00c	**Compacted Crushed Base Stone** (GAB) for Gravel Driveway Repair and Fine Grading for Transitions to Existing Driveways.	Tons	60		$ -
31 20 00d	**Final Grading and Cleanup -** Including Re-grading Existing Ditches to Allow Proper Drainage	LF	4,600		$ -

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
31 20 00e	**Trench Rock Excavation** by Drill & Blast, Rock Trenching, or Hoe-ramming Methods, Including Hauling and Proper Disposal of Spoil Materials	LF	1,500		$ -
31 20 00f	**Shoring** Including all Materials (If needed on Wilderness Camp Rd embankment)	LF	150		$ -
31 25 00	**Sedimentation and Erosion Control**				
31 25 00a	**Temporary Silt Fence**, Including Installation of Filter Barrier, Stakes, Maintenance and Removal after Site Stabilization	LF	1,200		$ -
31 25 00b	**Georgia DOT Type 3 (6" to 12") Rip Rap Stone** with Filter Fabric for Slope Protection, Ditch Check Dams, Inlet Protection, or other Erosion Control Devices	Tons	25		$ -
31 25 00c	**Construction Entrance** Including Stone and Geotextile Filter Fabric	EA	1		$ -
31 25 00d	**Concrete Washout Structure**	EA	1		$ -
31 25 00e	**Straw Wattles / Tubes** Including Overlap and Staking	LF	300		$ -
31 25 00f	**Straw Matting for Slope or Ditch Stabilization** Including Staples	SY	2,000		$ -
31 25 00g	**Topsoil**	CY	200		$ -
32 10 00	**New and Replacement Paving - Including Materials**				
32 10 00a	**Heavy Duty Asphalt Pavement Replacement** for Roads, Trench Width with 2.5" of 19 mm Binder Mix, Including Saw-cutting and Base Stone Preparation	Tons	15		$ -
32 10 00b	**Heavy Duty Asphalt Pavement Replacement** for Roads, Trench Width with 1.5" of 9.5 mm GDOT mix, Including Saw-cutting and Base Stone Preparation	Tons	10		$ -
32 10 00c	**Temporary Traffic and Lane Striping** (If needed)	LF	1,000		$ -
32 92 19	**Seeding and Mulching - Including Materials**				
32 92 19a	**Temporary Mulching (Ds1)**	LF	4,600		$ -
32 92 19b	**Temporary Seeding and Mulching (Ds2)**	LF	4,600		$ -
32 92 19c	**Permanent Seeding And Mulch** Including Topsoil placement, Seed Fertilizer, Limestone, and Mulch	LF	4,600		$ -
33 12 13	**Material, Labor, and Equipment to Install 3/4-Inch Water Services**				
33 12 13a	**8-inch x 3/4-inch Double-Strap Tapping Saddle Installed**, Including Excavation, Tap, Corporation Stop, Complete in Place	EA	1		$ -
33 12 13b	**6-inch x 3/4-inch Double-Strap Tapping Saddle Installed**, Including Excavation, Tap, Corporation Stop, Complete in Place	EA	4		$ -
33 12 13c	**3/4-inch, Type K Copper Tubing** by Open Cut	LF	100		$ -
33 12 13d	**Reconnect the 3/4-inch Copper Service Line to Existing Water Meter** with miscellaneous fittings or couplings, Backfill, Grading, Seeding, and Straw Mulch	EA	5		$ -
33 12 13	**Material, Labor, and Equipment to Install 1-Inch Water Services**				
33 12 13e	**1-Inch Water Meter Complete**, Including Meter Setter with Check Valve, Meter Box, and All Pipe Fittings Necessary	EA	1		$ -
33 12 19	**Material, Labor, and Equipment to Install Hydrants**				
33 12 19a	**New Fire Hydrants Complete**, Including Hydrant, Anchor Coupling, Valve, Thrust Restraint, and Stone Bedding (MJ Tee and Pipe Length to be Paid in Other Pay Items)	EA	5		$ -

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
40 05 13.53	**Labor, and Equipment to Install Owner Supplied Ductile Iron Pipe (DIP)**				
40 05 13.53a	**Installation of Owner Supplied 8-inch Ductile Iron Pipe** Installed in Trench, Including Labor and Equipment	LF	1,000		$ -
40 05 13.53b	**Installation of Owner Supplied 6-inch Ductile Iron Pipe** Installed in Trench, Labor and Equipment	LF	3,750		$ -
40 05 13.53	**Material, Labor, and Equipment to Install Ductile Iron Pipe (DIP)**				
40 05 13.53e	**Installation of 6" Blowoff Assembly**, Including Gate Valve, Valve Box, MJ Bend, MJ Cap, Riprap, and Maximum 10 LF D.I. Pipe	EA	1		$ -
40 05 13.53f	**Pothole and Verify Location and Depth of Existing 6" PVC Water Line** on Wilderness Camp Rd	EA	1		$ -
40 05 13.53	**Ductile Iron MJ Pipe Fittings** (Published Weights for Ductile Iron, AWWA C-153 Compact Fittings, Excluding Bolts, Gaskets, and Other Incidental Attachments)				
	Material, Labor, and Equipment for 8-Inch Fittings and Gaskets				
40 05 13.53g-1	**8-Inch Miscellaneous Ductile Iron Fittings** Not Itemized for Payment per Each (Paid by Weight)	Lbs	1,200		$ -
40 05 13.53g-2	**8-Inch 45 degree Bend**	EA	4		$ -
40 05 13.53g-3	**8-Inch x 6-Inch MJ Tee**	EA	1		$ -
40 05 13.53g-4	**8-Inch x 6-Inch MJ Swivel Tee**	EA	1		$ -
41 05 13.53g-5	**8-Inch x 6-Inch MJ Reducer**	EA	2		$ -
41 05 13.53g-6	**8-Inch MJ Sleeve**	EA	2		$ -
41 05 13.53g-7	**8-Inch Mechanical Joint Restraint Devices**	EA	20		$ -
41 05 13.53g-8	**8-Inch Bell or Pipe Joint Restrained Pipe Devices of Gaskets Installed**	EA	15		$ -
41 05 13.53g-9	**8-Inch Anchor Couplings**	EA	4		$ -
41 05 13.53g-10	**8-Inch Foster Adaptors**	EA	4		$ -
	Material, Labor, and Equipment for 6-Inch Fittings and Gaskets				
40 05 13.53h-1	**6-Inch Miscellaneous Ductile Iron Fittings** Not Itemized for Payment per Each (Paid by Weight)	Lbs	900		$ -
40 05 13.53h-2	**6-Inch MJ Anchor Tee**	EA	5		$ -
40 05 13.53h-3	**6-Inch x 2-Inch Tap for 2" Poly Service**	EA	1		$ -
40 05 13.53h-4	**6-Inch MJ Cap or Plug**	EA	1		$ -
41 05 13.53h-5	**6-Inch MJ Sleeve**	EA	4		$ -
41 05 13.53h-6	**6-Inch Mechanical Joint Restraint Devices**	EA	36		$ -
41 05 13.53h-7	**6-Inch Bell or Pipe Joint Restrained Pipe Devices of Gaskets Installed**	EA	16		$ -
41 05 13.53h-8	**6-Inch Anchor Couplings**	EA	4		$ -
41 05 13.53h-9	**6-Inch Foster Adaptors**	EA	10		$ -
40 05 13.53	**Material, Labor, and Equipment for Connection to Existing Water Lines**				
40 05 13.53j	**Connection to an existing 6-Inch PVC Water Line** by cut-in method, Including all materials, labor, equipment, supervision, and coordination with Bartow County Water Department	EA	2		$ -
40 05 13.53k	**Connection to an existing 4-Inch PVC Water Line** by cut-in method, Including all materials, labor, equipment, supervision, and coordination with Bartow County Water Department	EA	1		$ -
40 05 13.53l	**6-inch Cut and Cap of Existing Water Line Complete**, Including 6-inch MJ Caps with Joint Restraint and Pipe Thrust Restraint	EA	2		$ -

Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total
40 05 13.53m	**4-inch Cut and Cap of Existing Water Line Complete**, Including 4-inch MJ Caps with Joint Restraint and Pipe Thrust Restraint	EA	1		$ -
40 05 61	**Material, Labor, and Equipment to Install Valves**				
40 05 61a	**Installation of Gate Valves**, Including Gravel Bedding, Concrete Support Block, Valve Box, Cover, and Extensions as Required				
40 05 61a-8	**8-Inch Gate Valve Installed** including Valve Box & Cover, Concrete Support Block, Thrust Block, and Valve Box Extensions	EA	4		$ -
40 05 61a-6	**6-Inch Gate Valve Installed** including Valve Box & Cover, Concrete Support Block, Thrust Block, and Valve Box Extensions	EA	4		$ -
	TOTAL SCHEDULE I - BASE BID			**$**	

Notes:
1. Bidders shall submit a bid on a unit price basis.
2. Contract will be awarded (if it is awarded) to the responsible and responsive bidder submitting the lowest bid.

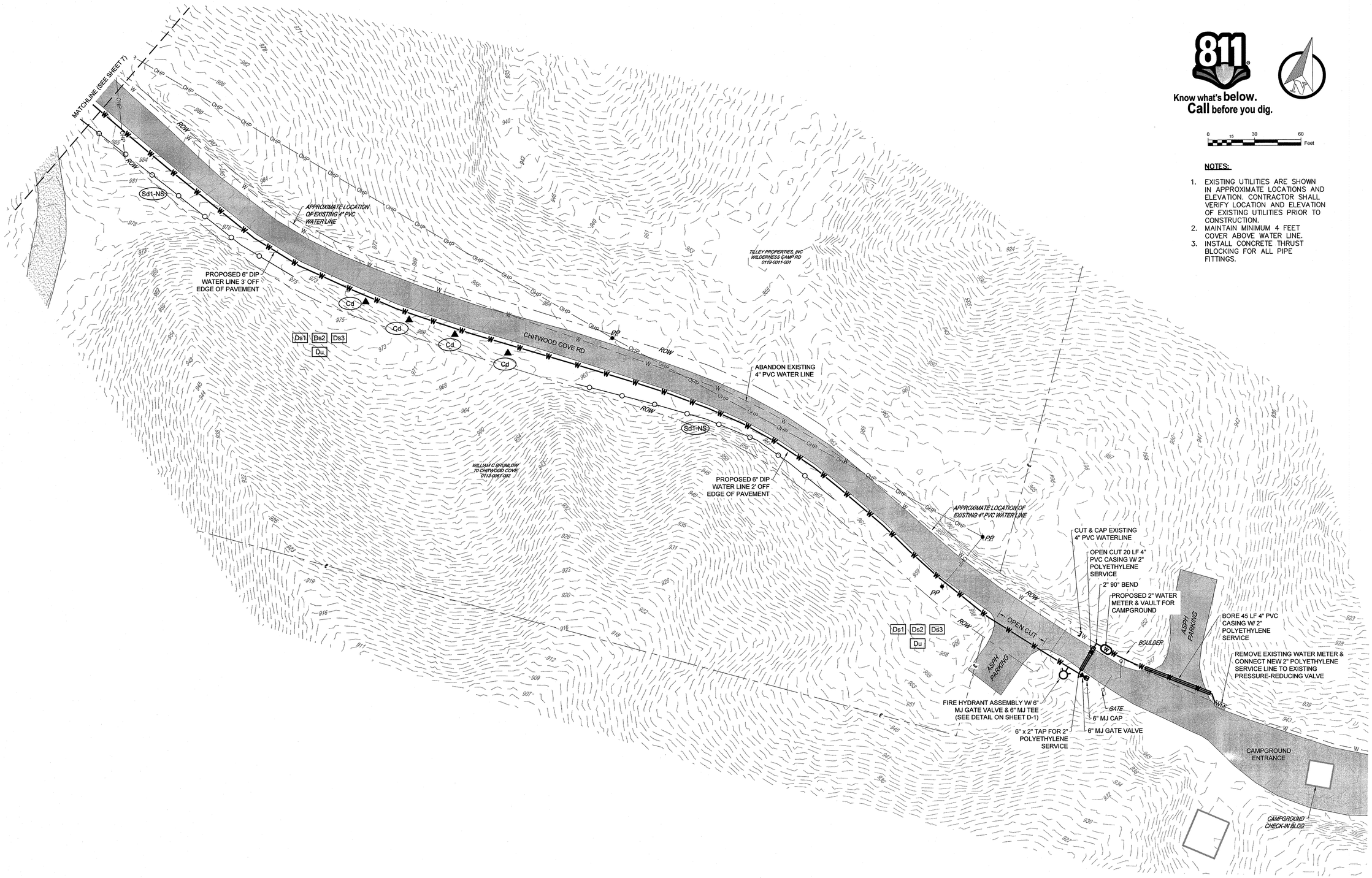
BIDDER DATE

BY (Signature) TITLE

ADDRESS

CITY STATE ZIP CODE

PHONE FAX E-MAIL



WATER LINE PLAN

SCALE: 1" = 30'

811 Know what's **below.** **Call** before you dig.

0 15 30 60 Feet

NOTES:

1. EXISTING UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS AND ELEVATION. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. MAINTAIN MINIMUM 4 FEET COVER ABOVE WATER LINE.
3. INSTALL CONCRETE THRUST BLOCKING FOR ALL PIPE FITTINGS.

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REVISIONS

NO.	DESCRIPTIONS	DATE	BY	APP'D
1	BARTOW COMMENTS	12/13	RWJ	PRS
2	ADDENDUM 3	12/21	RWJ	PRS

DESIGN RWJ
DRAWN RWJ
CHECKED PRS
APPROVED PRS

BARTOW COUNTY, GEORGIA
CHITWOOD COVE RD WATER RELOCATION

WATER LINE PLAN (SHEET 6 OF 6)

CTI ENGINEERS, INC.
243 N. HAMILTON ST., SUITE 1
DALTON, GA 30720
706-278-8110

GEORGIA REGISTERED NO. 030578 PROFESSIONAL ENGINEER PHILLIP R. SCHOFIELD 12/29/2021

GSWCC 934

JOB NO. G21028

ISSUE DATE 09/16/2021

SCALE AS NOTED

DRAWING NO. 8.2