

# CONSTRUCTION PLANS

for

## Christian County Water District Phase IX - Water System Upgrade

for the



**CHRISTIAN COUNTY**  
WATER DISTRICT  
1940 Dawson Springs Road  
Hopkinsville, KY 42241  
(270) 886-3696

**Ashbel Brunson, III**  
Chairman

**Commissioners**

David Johnson  
Ronald Adams  
Barbara Morris  
Steve Hunt

prepared by



202 Ewing Street  
Guthrie, KY 42234  
(270) 493-6993

NO.	FOR REVIEW	DATE	BY
1	FOR ROW REVIEW	05-23-23	ETH
2	Revised	Date	By

**REVISIONS**

**May 2023**

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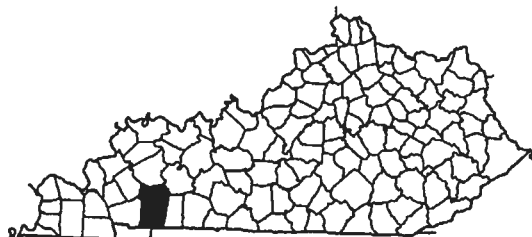
**WATER LINE DETAILS**

- 1-D1 Details
- 1-D2 Details

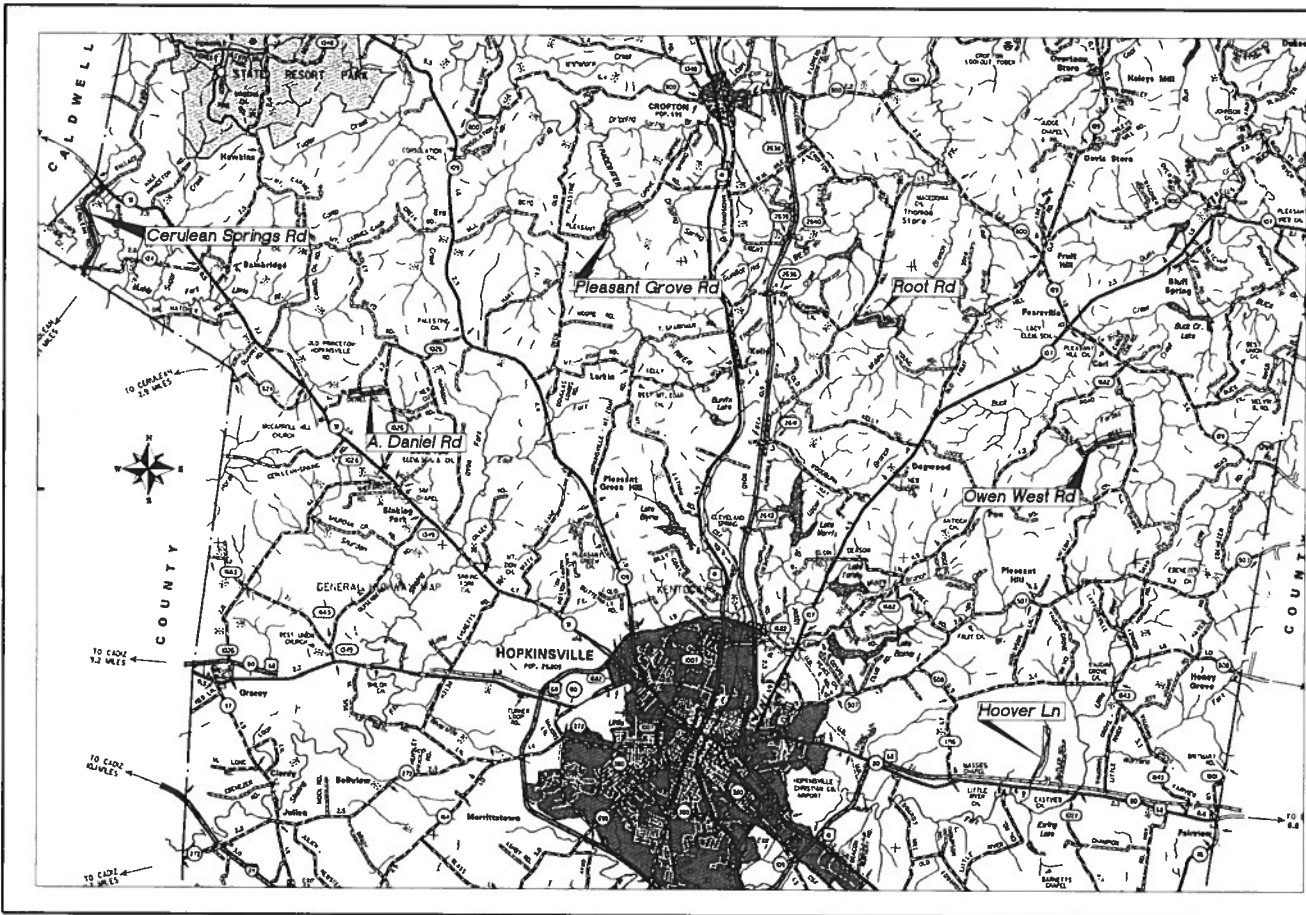
May 1, 2023



Eric T. Norris, P.E.



**PROJECT**



DATE	DESCRIPTION
11/11/11	REVISED
11/11/11	REVISED
11/11/11	REVISED
11/11/11	REVISED

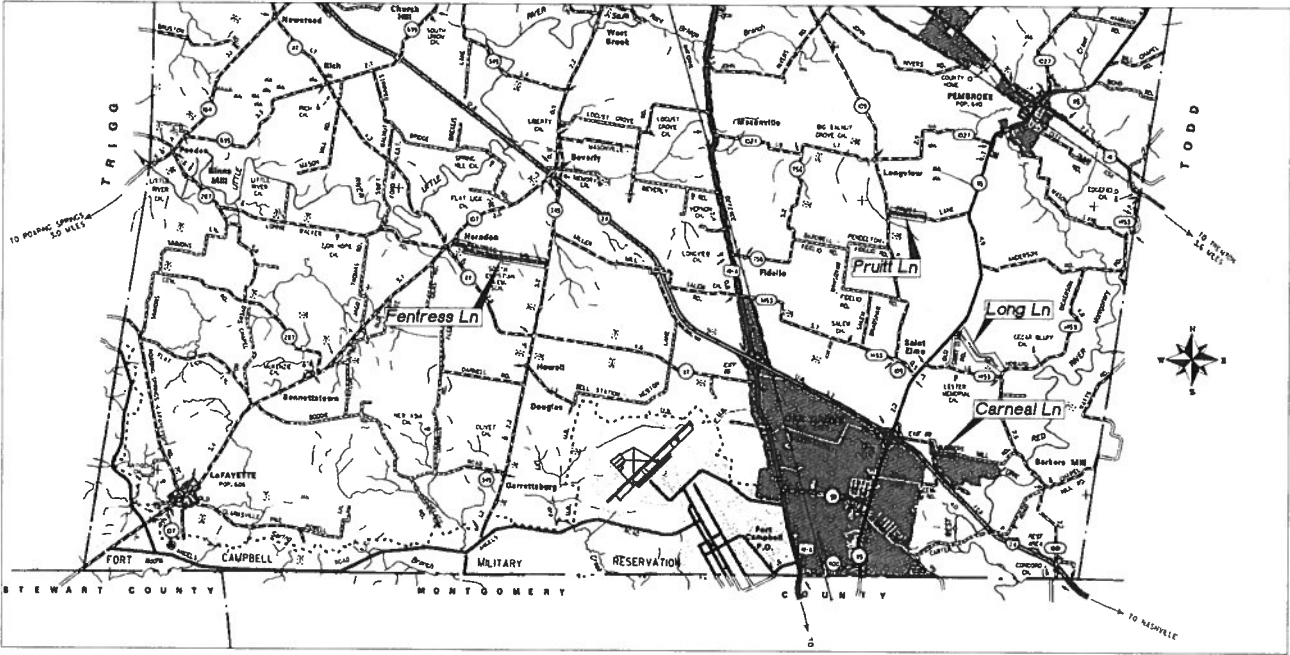
**MCGHEE**  
 302 Lewis Street  
 Hopkinsville, KY 40484  
 (502) 838-1111

Christian County Water District  
 Phase IX - Water System Upgrade

**Quality On Tap!**

Christian County Water District  
 Phase IX - Water System Upgrade  
 Location Map

DRAWING NO. 11-12



DATE	BY	REVISION

**MCGHEE**  
 302 Long Street  
 Columbus, GA 31904  
 (706) 324-7200

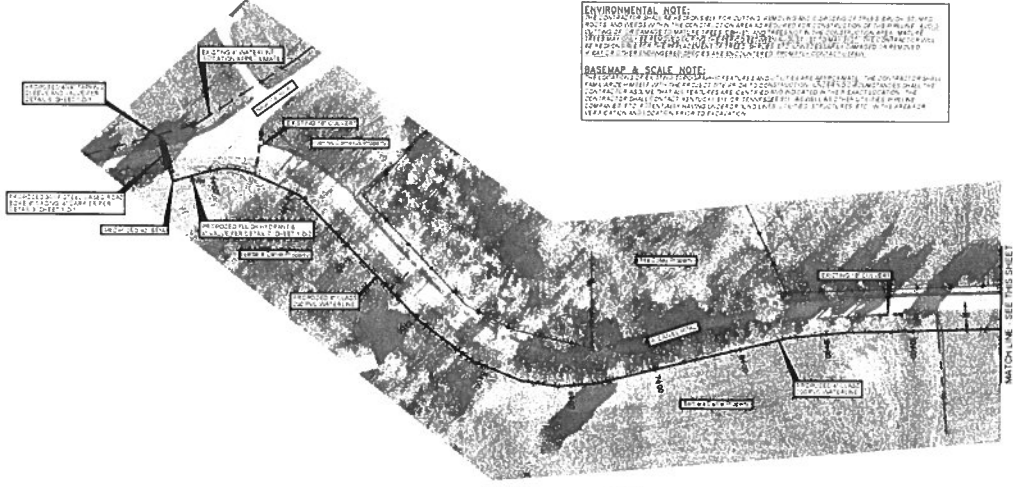
Christian County Water District  
 Phase IX - Water System Upgrade  
 Location Map

**Quality On Tap!**

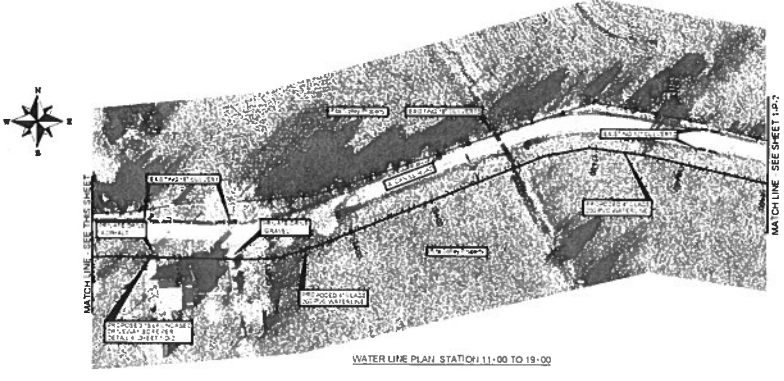
DRAWING NO. 1-13

**ENVIRONMENTAL NOTE:**  
 THE DESIGNER HAS CONDUCTED VISUAL AND PHOTOGRAPHIC SURVEYS OF THE PROJECT AREA AND HAS IDENTIFIED POTENTIAL ENVIRONMENTAL SENSITIVE AREAS (ESAs) AND OTHER SENSITIVE AREAS (OSAs). THE DESIGNER HAS CONDUCTED VISUAL AND PHOTOGRAPHIC SURVEYS OF THE PROJECT AREA AND HAS IDENTIFIED POTENTIAL ENVIRONMENTAL SENSITIVE AREAS (ESAs) AND OTHER SENSITIVE AREAS (OSAs). THE DESIGNER HAS CONDUCTED VISUAL AND PHOTOGRAPHIC SURVEYS OF THE PROJECT AREA AND HAS IDENTIFIED POTENTIAL ENVIRONMENTAL SENSITIVE AREAS (ESAs) AND OTHER SENSITIVE AREAS (OSAs).

**BASEMAP & SCALE NOTE:**  
 THE BASEMAP FOR THIS PROJECT WAS OBTAINED FROM AERIAL PHOTOGRAPHS. THE DESIGNER HAS CONDUCTED VISUAL AND PHOTOGRAPHIC SURVEYS OF THE PROJECT AREA AND HAS IDENTIFIED POTENTIAL ENVIRONMENTAL SENSITIVE AREAS (ESAs) AND OTHER SENSITIVE AREAS (OSAs). THE DESIGNER HAS CONDUCTED VISUAL AND PHOTOGRAPHIC SURVEYS OF THE PROJECT AREA AND HAS IDENTIFIED POTENTIAL ENVIRONMENTAL SENSITIVE AREAS (ESAs) AND OTHER SENSITIVE AREAS (OSAs).



WATER LINE PLAN STATION 0+00 TO 11+00



WATER LINE PLAN STATION 11+00 TO 19+00

**LEGEND**

PROPOSED WATER LINE	—
EXISTING WATER LINE (12" IPS)	—
PROPOSED ELECTRIC SERVICE	—
EXISTING ELECTRIC SERVICE	—
PROPOSED GAS MAIN	—
EXISTING GAS MAIN	—
PROPOSED SANITARY SEWER	—
EXISTING SANITARY SEWER	—
PROPOSED FUTURE WATER MAIN	—
EXISTING FUTURE WATER MAIN	—
PROPOSED FUTURE SANITARY SEWER	—
EXISTING FUTURE SANITARY SEWER	—
PROPOSED FUTURE GAS MAIN	—
EXISTING FUTURE GAS MAIN	—
PROPOSED FUTURE ELECTRIC SERVICE	—
EXISTING FUTURE ELECTRIC SERVICE	—
PROPERTY LINE	—
EXISTING MANHOLE	○
RESIDENTIAL WATER METER	○
PHONE/PEDESTAL	○
POWER/TELEPHONE POLE	○
UTILITY POLE	○
WELL	○
PIPE TRENCH	○

**Quality On Tap!**

Christian County Water District  
 Phase IX - Water System Upgrade  
 A. Daniel Road Waterline Plan

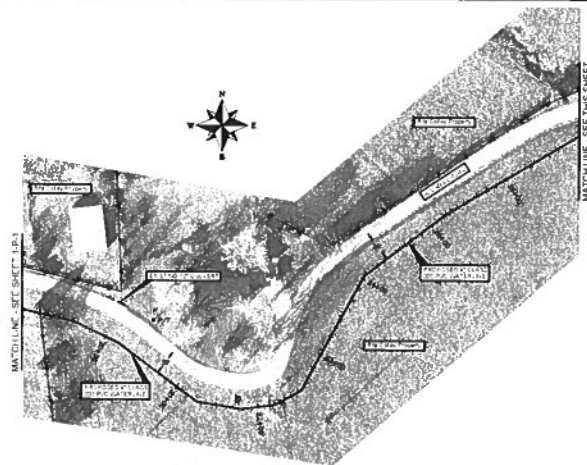
**MCGHEE**  
 200 Lewis Street  
 12701-4501-0005

DATE: 11/11/11  
 DRAWN BY: JAC  
 CHECKED BY: JAC  
 SCALE: 1" = 50'  
 LENGTH OF SHEET: 11'-0" x 17'-0"

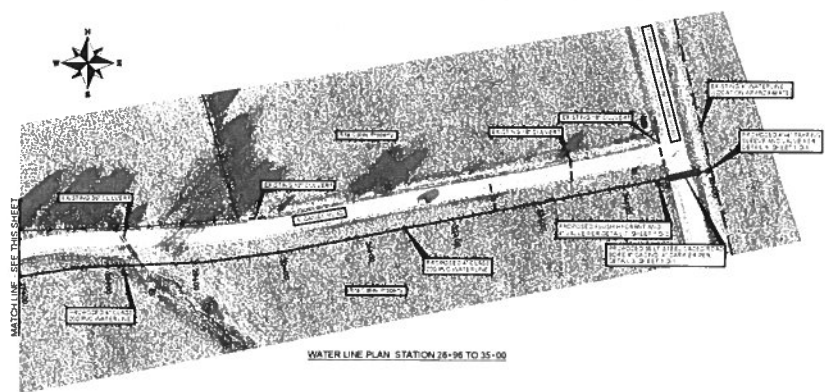
DRAWING NO. SHEET 1 OF 1

**ENVIRONMENTAL NOTE:**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND AGENCIES.

**BASEMAP & SCALE NOTE:**  
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WATER LINE PLAN STATION 19+00 TO 28+96



WATER LINE PLAN STATION 28+96 TO 35+00

**LEGEND**

- PROPOSED WATER LINE
- EXISTING WATER LINE (24" DI)
- EXISTING ELECTRIC SERVICE
- EXISTING SEWER LINE
- EXISTING GAS MAIN

- PROPERTY LINE
- EXISTING MANHOLE
- RECENTLY WATER METER
- PHONE RECEPTACLE
- POWER TELEPHONE POLE
- SLY WIRE
- UTILITY
- PIPE HORIZONTAL

DATE	BY	REVISION

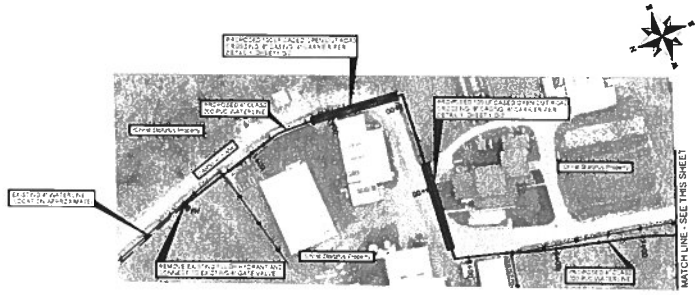
**McGHEE**  
 202 Lynch Street  
 Columbia, SC 29204  
 (803) 799-1111

OWNER: Christian County Water District  
 DESIGNER: Christian County Water District  
 CONTRACTOR: Christian County Water District  
 DATE: 10/15/2010

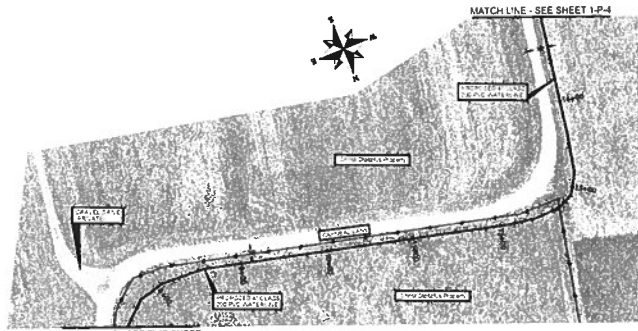
**Quality On Tap!**

Christian County Water District  
 Phase IX - Water System Upgrade  
 A. Daniel Road Waterline Plan

DRAWING NO. SHEET 18-2



WATER LINE PLAN, STATION 0+00 TO 7+40



WATER LINE PLAN, STATION 7+40 TO 15+00

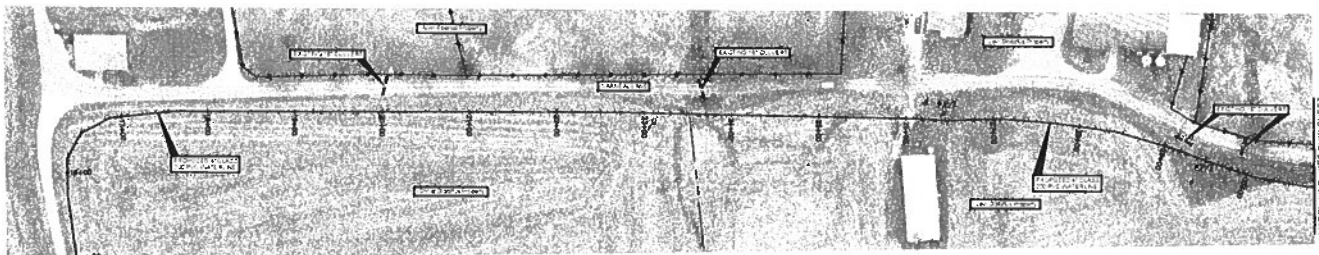
**ENVIRONMENTAL NOTE:**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS AND DISPOSING OF TREES, BRUSH, STUMPS AND LIMBS AND NEEDS PERMITS FOR CONSTRUCTION AREA AS REQUIRED FOR CONSTRUCTION OF THE PROJECT. ALL CUTTING OF TREES SHALL BE MADE IN ACCORDANCE WITH THE CITY OF CHRISTIAN COUNTY, MISSOURI TREE PRESERVATION AND REMOVAL ORDINANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS THAT ARE TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES THAT ARE TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES THAT ARE TO REMAIN.

**BASEMAP & SCALE NOTE:**  
 THE LOCATION OF EXISTING UTILITIES, SEWER, GAS AND WATER LINES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES.

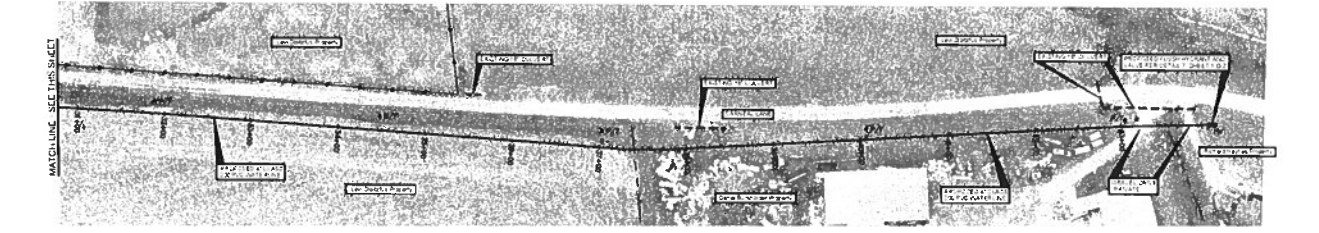
**LEGEND**

PROPOSED WATER LINE	---	PROPERTY LINE	---
EXISTING WATER LINE (12" DIA)	---	EXISTING MANHOLE	○
EXISTING 12" GAS SERVICE	---	EXISTING WATER SERVICE	○
EXISTING SEWER LINE	---	PHONE SERVICE	○
EXISTING GAS MAIN	---	POWER/TELEPHONE POLE	○
		24" WIRE	○
		4" WIRE	○
		1" WIRE	○
		1/2" WIRE	○

<p><b>McGHEE</b>          2002 Camp Street          Christian County, MO 64515          (417) 882-7272</p>	<p>Christian County Water District          Phase IX - Water System Upgrade          Carneal Lane Waterline Plan</p>
<p>PROJECT NO. 19-001          SHEET NO. 19-001-1          DATE: 10/15/19          DRAWN BY: J. D. [Name]          CHECKED BY: [Name]          APPROVED BY: [Name]</p>	<p>Quality On Tap!  </p>



WATER LINE PLAN, STATION 15-00 TO 30-77



WATER LINE PLAN, STATION 30-77 TO 44-00

**ENVIRONMENTAL NOTE:**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS AND DISPOSING OF TREE STUMPS, STUMPS, POLES AND BRIBES WITHIN THE CONSTRUCTION AREA AS REQUIRED FOR CONSTRUCTION OF THE PROJECT. ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

**BASEMAP & SCALE NOTE:**  
 THE LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

**LEGEND**

PROPOSED WATER LINE	— — — — —	EXISTING WATER LINE	— — — — —
EXISTING WATER LINE	— — — — —	EXISTING SANITARY LINE	— — — — —
BURIED ELECTRIC SERVICE	— — — — —	EXISTING GAS MAIN	— — — — —
EXISTING SANITARY LINE	— — — — —	PROPOSED LINE	— — — — —
EXISTING GAS MAIN	— — — — —	EXISTING MANHOLE	○
		PROPOSED WATER METER	○
		PHONE PEDIESTAL	□
		TELEPHONE POLE	□
		UTILITY	□
		POLE	□
		PROPOSED	□

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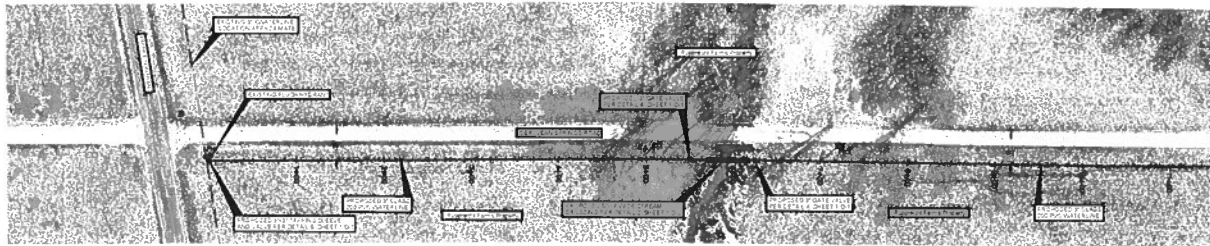
Christian County Water District  
 Phase IX - Water System Upgrade  
 Carneal Lane Waterline Plan

**MCGHEE**  
 200 E. Long Street  
 Christian County, MO 64501  
 (417) 443-5900

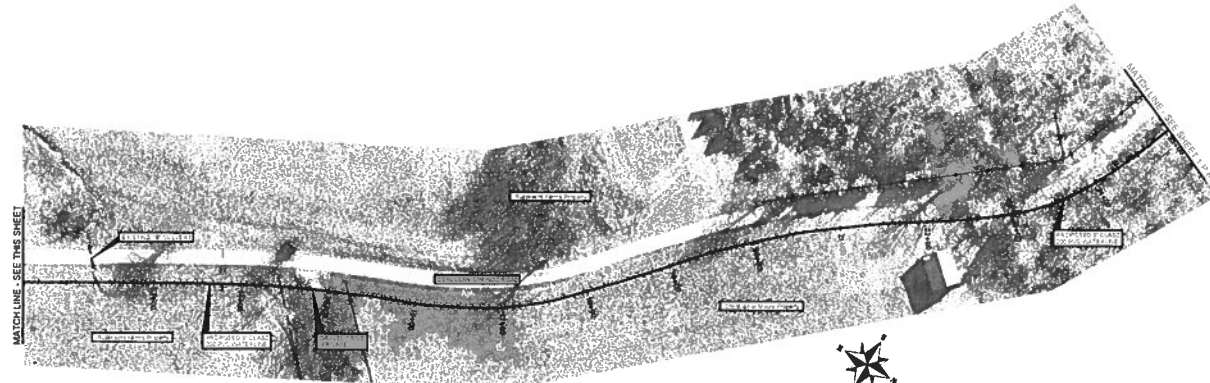
DATE: 11/11/11  
 DRAWN BY: J. B. BROWN  
 CHECKED BY: J. B. BROWN  
 APPROVED BY: J. B. BROWN

SCALE: 1" = 40'

DRAWING NO. 10-11-11-001  
 SHEET 1 OF 4



WATER LINE PLAN STATION 0+00 TO 11+50




WATER LINE PLAN STATION 11+50 TO 25+00


**ENVIRONMENTAL NOTE:**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING, REMOVING AND DISPOSING OF TREES BOUND BY MAPS, RIGHTS AND EASEMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF A BUFFER ZONE OUTSIDE OF THE RANGE TO HAVE TREES, SHRUBS AND TREES NOT IN THE CONSTRUCTION AREA WITHIN THE BUFFER ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE BUFFER ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE BUFFER ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE BUFFER ZONE.

**BASEMAP & SCALE NOTE:**  
 THE LOCATIONS OF EXISTING UTILITY FEATURES AND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ASSUME THAT ALL FEATURES ARE IDENTIFIED AND INDICATED IN THE EXACT LOCATION ON THE BASEMAP. THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS FOR THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE BUFFER ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE BUFFER ZONE.

**LEGEND**

PROPOSED WATER LINE	EXISTING WATER LINE (12" DIA)	EXISTING ELECTRIC SERVICE	EXISTING GAS MAIN	EXISTING SANITARY	EXISTING TELEPHONE	EXISTING CABLE	EXISTING FIBER OPTIC
PROPOSED WATER LINE	EXISTING WATER LINE	EXISTING ELECTRIC SERVICE	EXISTING GAS MAIN	EXISTING SANITARY	EXISTING TELEPHONE	EXISTING CABLE	EXISTING FIBER OPTIC


  
 Christian County Water District
   
 Phase IX - Water System Upgrade
   
 Cerulean Springs Road Waterline


  
 DRAWING NO. SHEET 12P.5

DATE: 11/11/2014
   
 TIME: 10:00 AM
   
 PROJECT NO: 14-001
   
 SHEET NO: 12P.5
   
 TOTAL SHEETS: 12