

CONNECT NEW 3-INCH WATER LINE TO EXISTING 3-INCH WATER LINE BY CONNECTING TO EXISTING 3-INCH GATE VALVE.
 LAT: 36° 57' 45.24" N
 LONG: 84° 43' 32.74" W

INSTALL 3-INCH PVC SDR 17 WATER LINE

STA. 16+00
 INSTALL 3-INCH BLOWOFF ASSEMBLY

INSTALL 3-INCH BLOWOFF ASSEMBLY STA. 5+60

INSTALL 3-INCH PVC SDR 17 WATER LINE

INSTALL 3-INCH GATE VALVE

INSTALL 30 LF OF BORE & CASE FOR 3-INCH WATER LINE

INSTALL 3-INCH GATE VALVE

INSTALL 3-INCH WATER LINE ON PRIVATE EASEMENT AS DIRECTED BY ENGINEER

INSTALL 3-INCH PVC SDR 17 WATER LINE

INSTALL 3-INCH WATER LINE ON PRIVATE EASEMENT AS DIRECTED BY ENGINEER

INSTALL 30 LF OF CREEK CROSSING FOR 3-INCH WATER LINE

INSTALL 3-INCH GATE VALVE

INSTALL 2-WAY FLUSH HYDRANT

RECONNECT EXISTING METER TO NEW WATER LINE WITH NEW 3/4-INCH HDPE SERVICE LINE AND FITTINGS (TIP-1)

INSTALL 3-INCH GATE VALVE

INSTALL 3-INCH WATER LINE IN ROADWAY WITH 150 LF OF OPEN CUT & FULL WIDTH PAVEMENT REPLACEMENT, AS DIRECTED BY ENGINEER

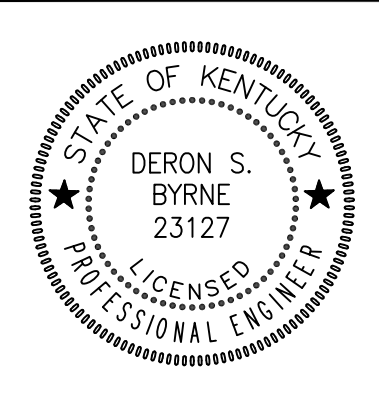
INSTALL 3-INCH WATER LINE IN ROADWAY WITH 150 LF OF OPEN CUT & FULL WIDTH PAVEMENT REPLACEMENT, AS DIRECTED BY ENGINEER

NOTE:
 1. CONTRACTOR SHALL EXPOSE EXISTING WATER LINE AT 100 FOOT INTERVALS. NEW WATER LINE TO BE PLACED PARALLEL TO AND WITHIN 6 FEET OF EXISTING WATER LINE.

NOTE:
 ALL 3-INCH WATER LINES TO BE INSTALLED ALONG COUNTY ROAD RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

NOTES:
 1. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION FENCING (SAFETY FENCE, ORANGE) AT EACH PRIVATE PROPERTY EASEMENT DURING CONSTRUCTION OF WATER LINE. FENCING SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE PROPERTY OWNER, OR AS DIRECTED BY THE ENGINEER. SEE PLAN SHEET TF-1 FOR DETAILS.
 2. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE DURING ALL EXCAVATION AND INSTALLATION OF WATER LINE ALONG EACH PRIVATE PROPERTY EASEMENT. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE FOR THE ENTIRETY OF THE PROJECT OR AS DIRECTED BY THE ENGINEER.

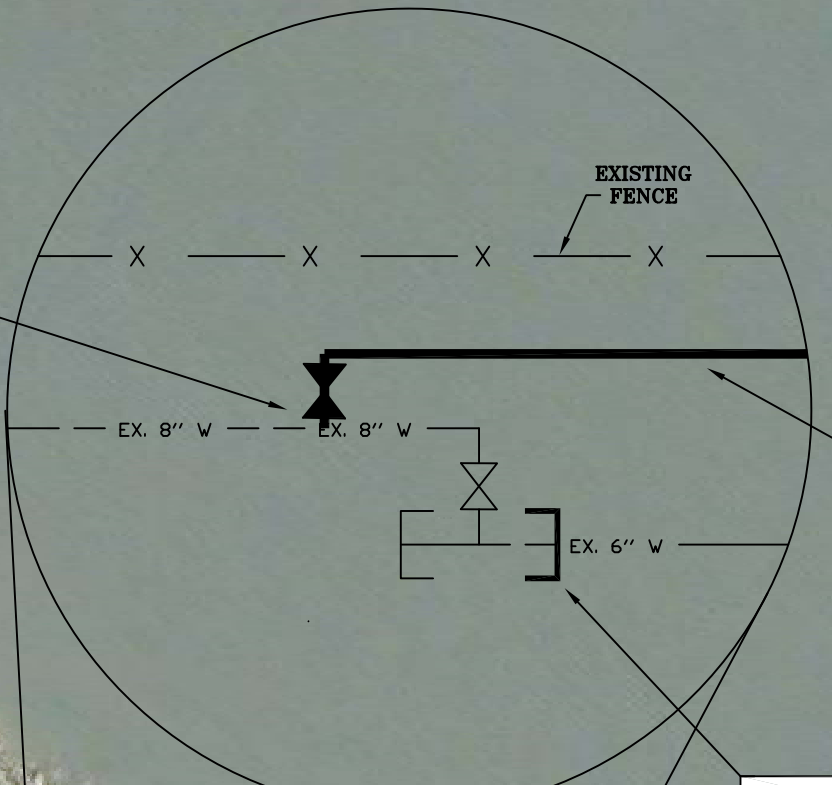
2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS
 BRONSTON WATER ASSOCIATION
 PULASKI & WAYNE COUNTIES, KENTUCKY
 CEDAR BLUFF WATER LINE REPLACEMENT



Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		13
CHECKED BY: DSB	PROJECT: 2235		

STA. 0+00
 CONNECT NEW 8-INCH WATER LINE
 TO EXISTING 8-INCH WATER LINE
 WITH AN 8-INCHx8-INCH TAPPING
 SLEEVE AND VALVE.
 LAT: 36° 57' 16.88" N
 LONG: 84° 36' 28.03" W



INSTALL 8-INCH PVC SDR 17
 WATER LINE

CUT & CAP EXISTING
 6-INCH WATER LINE

STA. 1+00
 TRANSITION FROM 8-INCH PVC
 SDR 17 WATER LINE TO
 10-INCH HDPE D9 WATER LINE

INSTALL 8-INCH PVC SDR 17
 WATER LINE

INSTALL METER
 RECONNECTION (TYP.)

STA. 6+50
 CONNECT NEW 8-INCH WATER LINE DIRECTLY
 INTO EXISTING 6-INCH GATE VALVE WITH
 8-INCHx6-INCH REDUCER AND ACCESSORIES

INSTALL 380 LF OF DIRECTIONAL BORE
 FOR 10-INCH HDPE D99 WATER LINE

INSTALL DIRECT CONNECTION TO
 EXISTING 3-INCH WATER LINE WITH
 8-INCHx3-INCH TEE AND 3-INCH
 GATE VALVE FOR A COMPLETE TIE IN.

STA. 6+00
 TRANSITION FROM 10-INCH HDPE
 D99 WATER LINE TO 8-INCH PVC
 SDR 17 WATER LINE

INSTALL 70 LF OF OPEN CUT
 & PAVEMENT REPLACEMENT
 FOR 8-INCH WATER LINE

INSTALL 80 LF OF BORE & CASE FOR
 8-INCH PVC SDR 17 WATER LINE

NOTES:
 1. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION FENCING (SAFETY FENCE, ORANGE) AT EACH PRIVATE PROPERTY EASEMENT DURING CONSTRUCTION OF WATER LINE. FENCING SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE PROPERTY OWNER, OR AS DIRECTED BY THE ENGINEER. SEE PLAN SHEET TP-1 FOR DETAILS.
 2. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE DURING ALL EXCAVATION AND INSTALLATION OF WATER LINE ALONG EACH PRIVATE PROPERTY EASEMENT. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE FOR THE ENTIRETY OF THE PROJECT OR AS DIRECTED BY THE ENGINEER.

NOTE:
 1. CONTRACTOR SHALL EXPOSE EXISTING WATER LINE AT 100 FOOT INTERVALS. NEW WATER LINE TO BE PLACED PARALLEL TO AND WITHIN 6 FEET OF EXISTING WATER LINE.

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS
 BRONSTON WATER ASSOCIATION
 PULASKI & WAYNE COUNTIES, KENTUCKY
 COLYER ROAD WATER LINE REPLACEMENT



Monarch Engineering, Inc.
 556 CARLTON DRIVE
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		14
CHECKED BY: DSB	PROJECT: 2235		



STA. 0+00
CONNECT NEW 3-INCH WATER LINE TO EXISTING
8-INCH WATER LINE WITH 8-INCHx3-INCH REDUCER,
3-INCHx3-INCH TAPPING SLEEVE AND VALVE.
LAT: 36° 56' 24.52" N
LONG: 84° 43' 58.95" W

INSTALL 3-INCH WATER LINE
ON PRIVATE EASEMENT AS
DIRECTED BY ENGINEER

INSTALL 3-INCH WATER LINE
ON PRIVATE EASEMENT AS
DIRECTED BY ENGINEER

INSTALL 30 LF OF BORE & CASE
FOR 3-INCH WATER LINE

STA. 14+00
CONNECT NEW 3-INCH WATER LINE TO EXISTING
2-INCH WATER LINE WITH 3-INCHx2-INCH REDUCER,
2-INCHx2-INCH TAPPING SLEEVE AND VALVE.

EXISTING METER
TO REMAIN (TYP.)

BORE PIT
EASEMENT

CUT & CAP EXISTING
2-INCH WATER LINE

INSTALL 3-INCH PVC SDR 17
WATER LINE

INSTALL 20 LF OF DRIVEWAY
(FREE) BORE & CASE FOR
3-INCH WATER LINE (TYP.)

BORE PIT
EASEMENT

INSTALL 30 LF OF BORE & CASE
FOR 3-INCH WATER LINE

CUT & CAP EXISTING
2-INCH WATER LINE

INSTALL 50 LF OF BORE & CASE
FOR 3-INCH WATER LINE

RECONNECT EXISTING METER
TO NEW WATER LINE WITH
NEW 3/4-INCH HDPE SERVICE
LINE AND FITTINGS (TYP.)

CONNECT NEW 3-INCH WATER LINE TO
EXISTING 2-INCH WATER LINE WITH
3-INCHx2-INCH REDUCER, 2-INCHx2-INCH
TAPPING SLEEVE AND VALVE.

NOTE:
ALL 3-INCH WATER LINES TO BE
INSTALLED ALONG COUNTY ROAD
RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

NOTES:
1. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION
FENCING (SAFETY FENCE, ORANGE) AT EACH PRIVATE PROPERTY
EASEMENT DURING CONSTRUCTION OF WATER LINE. FENCING SHALL BE
INSTALLED ALONG THE ENTIRE LENGTH OF THE PROPERTY OWNER, OR
AS DIRECTED BY THE ENGINEER. SEE PLAN SHEET TP-1 FOR DETAILS.
2. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE DURING
ALL EXCAVATION AND INSTALLATION OF WATER LINE ALONG EACH
PRIVATE PROPERTY EASEMENT. TEMPORARY CONSTRUCTION FENCING
SHALL REMAIN IN PLACE FOR THE ENTIRETY OF THE PROJECT OR AS
DIRECTED BY THE ENGINEER.

NOTE:
1. CONTRACTOR SHALL EXPOSE EXISTING WATER
LINE AT 100 FOOT INTERVALS. NEW WATER
LINE TO BE PLACED PARALLEL TO AND
WITHIN 6 FEET OF EXISTING WATER LINE.

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS
BRONSTON WATER ASSOCIATION
PULASKI & WAYNE COUNTIES, KENTUCKY
RUTH ROAD WATER LINE REPLACEMENT



Monarch Engineering, Inc.
556 CARLTON DRIVE
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1" = 100'		15
CHECKED BY: DSB	PROJECT: 2235		



NOTES:
 1. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION FENCING (SAFETY FENCE, ORANGE) AT EACH PRIVATE PROPERTY EASEMENT DURING CONSTRUCTION OF WATER LINE. FENCING SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE PROPERTY OWNER, OR AS DIRECTED BY THE ENGINEER. SEE PLAN SHEET TP-1 FOR DETAILS.
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**2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS
 BRONSTON WATER ASSOCIATION
 PULASKI & WAYNE COUNTIES, KENTUCKY**

RIVERWOOD DR & RIVERWOOD RD WATER LINE REPLACEMENTS

	Monarch Engineering, Inc. 556 CARLTON DRIVE LAWRENCEBURG, KY 40342		
	DRAWN BY: JRC	DATE: JULY 2022	REVISED
	CHECKED BY: JLM	SCALE: 1" = 100'	
	CHECKED BY: DSB	PROJECT: 2235	SHEET 16

ALTERNATE NO. 2