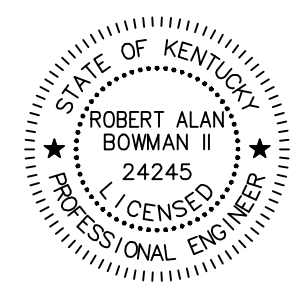


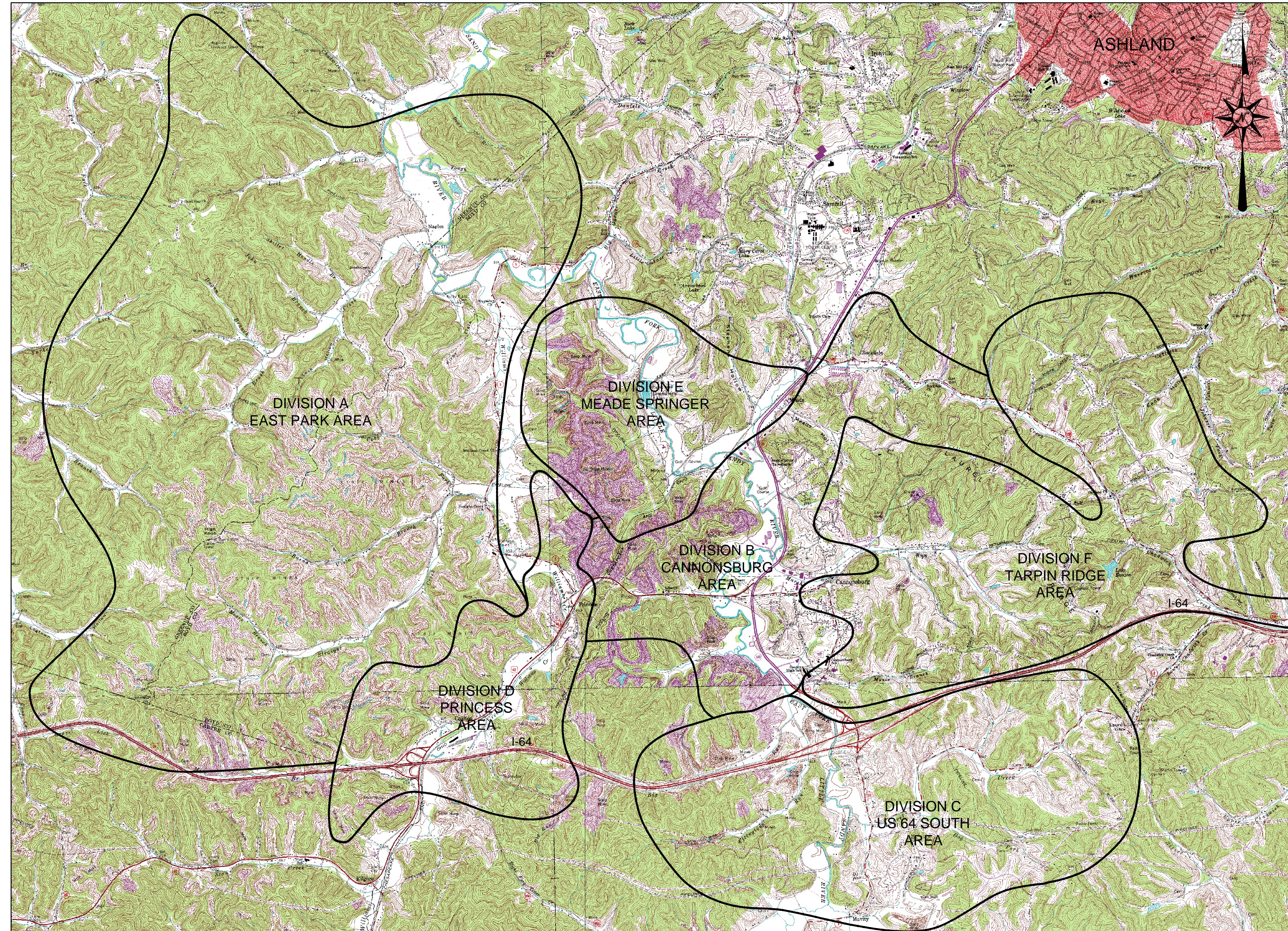
# PHASE 1 - ZONE METERING PROJECT

CANNONSBURG WATER DISTRICT  
 CANNONSBURG, KENTUCKY  
 JULY 2019

CONTRACT NO.  
 691-19-01  
 2019



PHASE 1 - ZONE METERING PROJECT  
 CANNONSBURG, WATER DISTRICT  
 CANNONSBURG, KENTUCKY



**COMPLETE DRAWING SET INCLUDES**

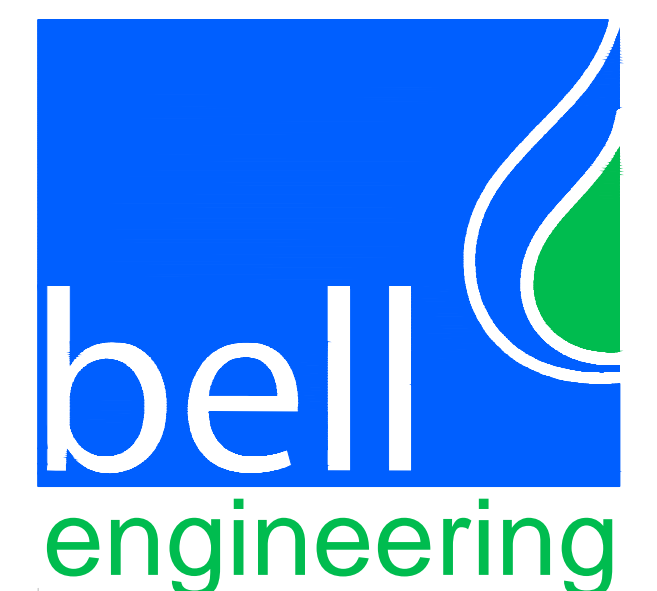
DESCRIPTION	SHEET NO.
VICINITY MAP, STANDARD SYMBOLS & GENERAL NOTES	1
OVERALL PROJECT MAP	2
DIVISION A - EAST PARK AREA	1-5
DIVISION B - CANNONSBURG AREA	1-4
DIVISION C - US 64 SOUTH AREA	1-3
DIVISION D - PRINCESS AREA	1-3
DIVISION E - MEADE SPRINGER AREA	1-2
DIVISION F - TARPIN RIDGE AREA	1-3
ZONE METER DETAIL & MISCELLANEOUS DETAILS	D1

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**BUD NOTE:**  
 KENTUCKY STATUTES (KRS 367.4901 THROUGH 367.4917) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA AND/OR AN UNDERGROUND PROTECTION SERVICE SUCH AS BUD (1-800-752-6007 OR 811) AT LEAST TWO (2) WORKING DAYS BEFORE COMMENCING WORK TO ALERT UTILITY COMPANIES IN THE AREA WITH UNDERGROUND FACILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.

- CLIENT REVIEW
- BELL (QA) REVIEW
- DIVISION OF WATER REVIEW
- BID DOCUMENTS
- RECORD DRAWINGS

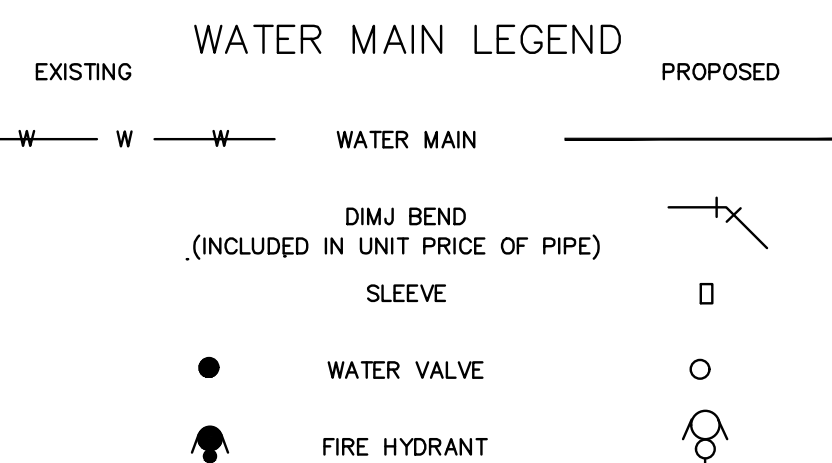
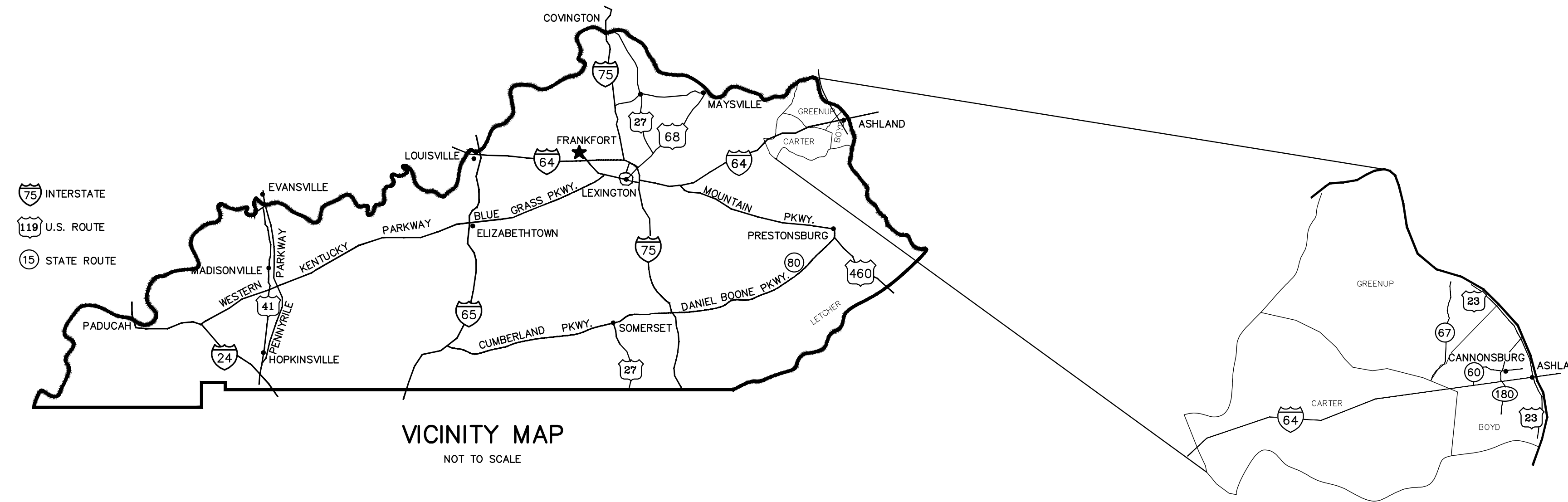
VICINITY MAP  
 SCALE 1" = 3000'



2480 fortune drive, suite 350  
 lexington, kentucky 40509  
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**GENERAL NOTES:**

MINIMUM COVER OVER WATER PIPE TO BE 42" IN HIGHWAY RIGHT-OF-WAY ONLY, 36" OF COVER WILL BE MAINTAINED IN ALL OTHER AREAS UNLESS OTHERWISE NOTED.

MINIMUM COVER OVER VALVE NUT TO BE 12" (NO PAYMENT FOR EXTRA DEPTH TRENCH). MAXIMUM COVER OVER VALVE NUTS TO BE 30" (NO EXTRA PAYMENT FOR REQUIRED EXTENSIONS).

CONCRETE BLOCKING OF FITTINGS REQUIRED AT NO EXTRA COST.

THE CONTRACTOR WILL HAVE THE OPTION OF USING FITTINGS OR EXTRA DEPTH TRENCHING AT ALL LOCATIONS WHERE VERTICAL BENDS ARE SHOWN. EITHER METHOD WILL BE AT NO EXTRA COST ABOVE THAT BID FOR FURNISHING, TRENCHING, LAYING AND BACKFILLING PIPE AND FITTINGS, AND WILL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

INSTALL NEW MAIN UNDER EXISTING WATER LINES AND GAS LINES, EXCEPT AS OTHERWISE NOTED OR DETERMINED IN THE FIELD. (NO PAYMENT FOR EXTRA DEPTH TRENCH.)

ALL PVC PIPE TO BE SDR 17, CLASS 250 UNLESS OTHERWISE SHOWN OR NOTED.

ANY SALVAGED MATERIALS WHICH HAVE NOT BEEN SPECIFIED TO BE REUSED WILL BE REMOVED FROM THE JOB SITE BY THE CONTRACTOR AND PLACED AT AN OWNER DESIGNATED AREA AT NO EXTRA COST.

DISTANCES SHOWN ALONG THE PIPELINE ARE HORIZONTAL DISTANCES (NOT SLOPE DISTANCES). PAYMENT FOR PIPE WILL BE FOR LENGTHS ACTUALLY INSTALLED AND MEASURED ALONG THE GROUND SURFACE IN THE FIELD. COUNTING INDIVIDUAL PIPES INSTALLED WILL NOT BE ALLOWED. LENGTHS AND QUANTITIES WILL BE AGREED ON DAILY BY THE RPR & CONTRACTOR.

WATER LINE MARKERS WILL BE LOCATED AS DIRECTED BY THE ENGINEER.

TUNNELING UNDER SIDEWALKS, CURBS, ETC., WHERE POSSIBLE, WILL BE REQUIRED AT NO EXTRA COST OVER THAT FOR FURNISHING AND LAYING PIPE.

ALL TIE-IN LOCATIONS WILL BE UNCOVERED PRIOR TO CONSTRUCTION TO MAINTAIN PROPER ALIGNMENT AND ELEVATION OF NEW CONNECTIONS.

CONTRACTOR WILL INVENTORY REQUIRED MATERIALS, TRENCH DEWATERING EQUIPMENT, AND ASSEMBLE IF NECESSARY ALL REQUIRED FITTINGS PRIOR TO CUT-INS OR TIE-INS TO INSURE MINIMUM DOWN TIME FOR CONNECTION.

SURFACE DRAINAGE WILL BE MAINTAINED ON A DAY-BY-DAY BASIS.

THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL EXCESS EXCAVATED MATERIAL FROM WATER MAIN AND SERVICE LINE CONSTRUCTION AT NO EXTRA COST.

LOCATIONS SHOWN FOR EXISTING UTILITIES ARE APPROXIMATE ONLY. EXACT LOCATIONS MUST BE DETERMINED BY THE CONTRACTOR BEFORE EXCAVATION FOR NEW FACILITIES. OTHER UTILITIES MAY EXIST WHICH ARE NOT SHOWN. THE CONTRACTOR WILL INVESTIGATE ALL AREAS FOR THE PRESENCE OF EXISTING UTILITIES PRIOR TO ANY EXCAVATION.

MAINTAIN 10 FT. SEPARATION BETWEEN WATER MAINS AND SEWER MAINS WHEN LOCATED PARALLEL TO EACH OTHER, AND 18 INCHES VERTICAL SEPARATION AT WATER MAIN AND SEWER CROSSINGS.

ALL DUCTILE IRON PIPE TO BE CLASS 350.

ALL DUCTILE IRON RESTRAINED JOINT (D.I.R.J.) PIPE TO BE CLASS 350.

\*DURING CONSTRUCTION OF STREAM CROSSINGS, NO MATERIAL MAY BE PLACED IN THE STREAM OR IN THE FLOOD PLAIN OF THE STREAM TO FORM CONSTRUCTION PADS, COFFER DAMS, OR ACCESS ROADS.

\*CONTRACTOR TO SUBMIT DETAIL OF ANY OVER-BENDS OR UNDERBENDS TO THE ENGINEER FOR REVIEW IF WARRANTED BY ACTUAL FIELD CONDITIONS. ANY EXTRA ALL THREAD RODS, MESS-A-LUDES OR CONCRETE REQUIRED TO BE AT "NO ADDITIONAL COST." (TYPICAL ALL LOCATIONS).

CANNONSBURG WATER DISTRICT WILL OVER SEE ALL VALVE SHUT-OFFS REQUIRED FOR LINE INSTALLATION. THE CONTRACTOR SHALL COORDINATE ALL NECESSARY SHUT-OFFS WITH CANNONSBURG WATER DISTRICT PROVIDING AT A MINIMUM 24 HOURS NOTIFICATION.

LOCATIONS OF PROPOSED METER SITES AS INDICATED ARE PRELIMINARY AND MAY BE ADJUSTED BY CANNONSBURG WATER DISTRICT AS NEEDED PRIOR TO INSTALLATION.

ALL METER SETTING SHALL BE BEDDED IN STONE.

**KENTUCKY TRANSPORTATION DEPARTMENT**

**GENERAL NOTES:**

- 01 EFFORTS HAVE BEEN MADE TO INDICATE LOCATIONS OF SOME EXISTING STRUCTURES, PIPING AND UTILITIES. HOWEVER, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE AND OTHER EXISTING CONDITIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN INFORMATION DEPICTED BY THE CONSTRUCTION DRAWINGS AND ACTUAL FIELD CONDITIONS, WHICH WOULD SIGNIFICANTLY ALTER THE DESIGN INTENT OF CONSTRUCTION DRAWINGS PRIOR TO COMMENCING HIS CONSTRUCTION OPERATIONS. DIMENSIONS OF EXISTING STRUCTURES AND/OR SITE RESTRICTIONS ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND CONFIRM ALL DIMENSIONS AND ELEVATIONS OF EXISTING STRUCTURES AND TOPOGRAPHY IN THE FIELD NECESSARY FOR HIS CONSTRUCTION OPERATION.
- 02 THE CONTRACTOR SHALL USE ALL POSSIBLE CARE DURING EXCAVATION ON THE PROJECT SO AS NOT TO DISTURB OR DAMAGE ANY EXISTING UTILITY OR STRUCTURE NOT SCHEDULED FOR DEMOLITION WHETHER DEPICTED OR NOT IN THE CONSTRUCTION DRAWINGS. ANY DAMAGE TO THE AFORE MENTIONED ITEMS CAUSED DIRECTLY OR INDIRECTLY BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER TO A CONDITION EQUAL TO THAT WHICH EXISTED PRIOR TO BEING DAMAGED.
- 03 IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL EXISTING UTILITY OWNERS AND HAVE THEM FIELD LOCATE THEIR EXISTING UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITIES.
- 04 THE CONTRACTOR SHALL CONTACT AND OBTAIN THE PERMISSION OF EXISTING UTILITY OWNERS 48 HOURS (MIN.) PRIOR TO ANY CONSTRUCTION ACTIVITY INTERRUPTING OPERATION OF SAID UTILITY.
- 05 UNLESS OTHERWISE NOTED, ALL BURIED PIPES SHALL HAVE 36" (MIN.) COVER AS MEASURED FROM FINISHED GRADE TO THE OUTSIDE SURFACE OF THE PIPE.
- 06 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO WORK ALL APPLICABLE DRAWINGS AND THE APPROPRIATE SPECIFICATIONS. AS A UNIT, ANY DIMENSIONS, DELETIONS, OR CONFLICTS ARISING AS A RESULT OF FAILURE TO INCORPORATE ALL DRAWINGS AND SPECIFICATIONS WHICH APPLY SHALL BE CORRECTED BY THE CONTRACTOR AT NO ADDED COST TO THE OWNER.
- 07 ALL FLAGGERS MUST BE CERTIFIED AS PER THE REQUIREMENTS STATED IN THE KENTUCKY TC FLAGGER TRAINING SPECIFICATIONS.
- 08 PRIVATE ENTRANCE ROAD: ALL ROADWAYS AND DRIVEWAYS WITHIN THE WORK LIMITS OF STATE RIGHT-OF-WAYS SHALL BE REFILLED TO THE NATURAL SURFACE OF THE GROUND WITH APPROVED MATERIAL. THE MATERIAL SHALL BE PLACED AND COMPACTED TO A SMOOTHNESS SUITABLE FOR TRAFFIC. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR MAINTAINING THESE ROADWAYS UNTIL THE RESTORATION IS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL NOTE THAT ALL PRIVATE BUSINESS AND RESIDENTS ALONG THE ROUTE OF THE PROPOSED WATER MAIN MUST HAVE ACCESS TO THEIR PROPERTIES AT ALL TIMES DURING CONSTRUCTION.
- 09 PROTECTION OF EXISTING DRAINAGE CULVERTS: AT LOCATIONS WHERE THE PROPOSED WATER MAIN IS PARALLEL WITH OR CROSSING AN EXISTING STORM SEWER, THE COST OF RELAYING EXISTING CULVERT PIPES OR THE EXTRA DEPTH REQUIRED TO AVOID THE EXISTING CULVERT IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION AND IS NOT A PAY ITEM.
- 10 SOME EXISTING UTILITIES HAVE NOT BEEN SHOWN: THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COORDINATE WITH THE REPRESENTATIVES OF THE VARIOUS UTILITIES WHEN WORKING NEAR ANY EXISTING UTILITY. NO ADDITIONAL PAYMENT TO THE CONTRACTOR WILL BE MADE FOR EXTRA DEPTH REQUIRED TO AVOID ANY EXISTING UTILITY.

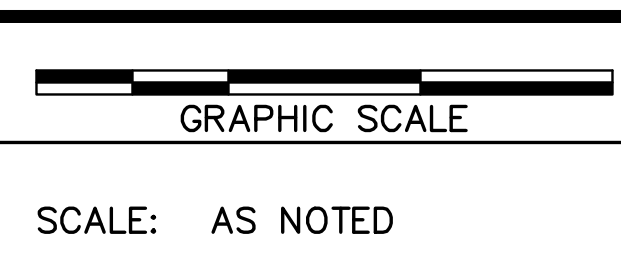
CALL:  
CANNONSBURG WATER DISTRICT: 606-629-9808

GAS: CONTACT CANNONSBURG WATER DISTRICT

ELECTRIC: CONTACT CANNONSBURG WATER DISTRICT

TELEPHONE: CONTACT CANNONSBURG WATER DISTRICT

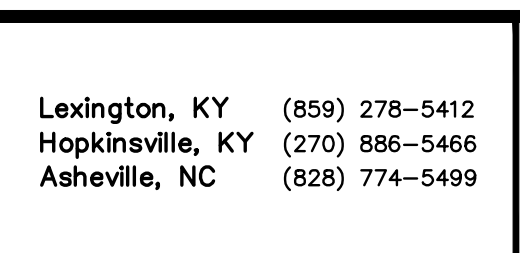
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APPROVED	RAB			



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**PHASE 1 - ZONE METERING PROJECT**  
CANNONSBURG WATER DISTRICT  
CANNONSBURG, KENTUCKY

VICINITY MAP, STANDARD SYMBOLS & GENERAL NOTES

DIVISION	ALL
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	1 OF 2

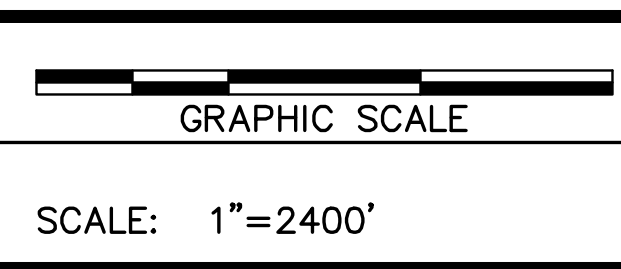


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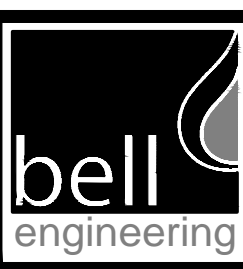
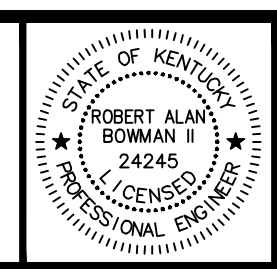


PROJECT MAP  
SCALE: 1"=2400'

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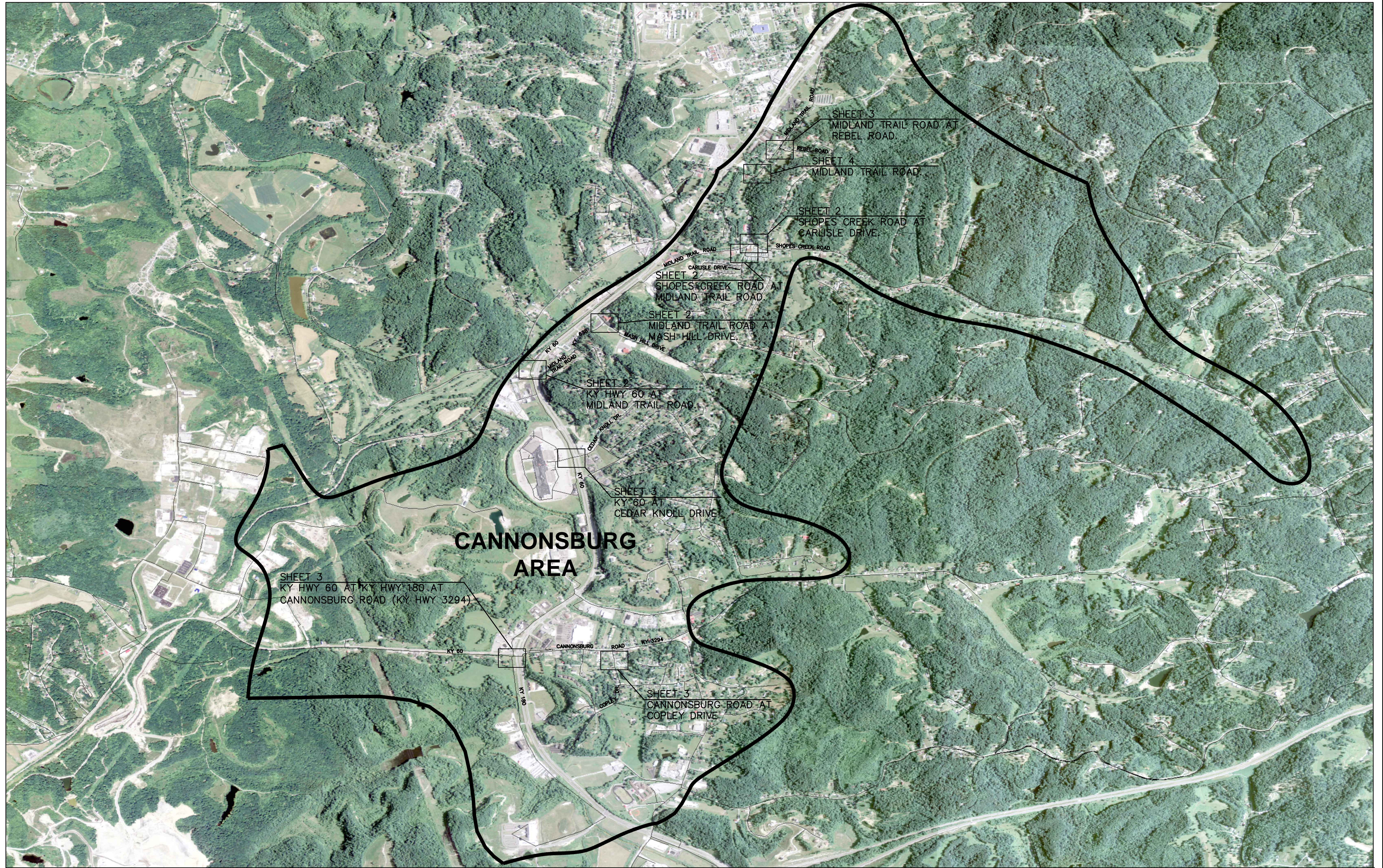
PHASE 1 - ZONE METERING PROJECT  
 CANNONSBURG WATER DISTRICT  
 CANNONSBURG, KENTUCKY

OVERALL PROJECT MAP

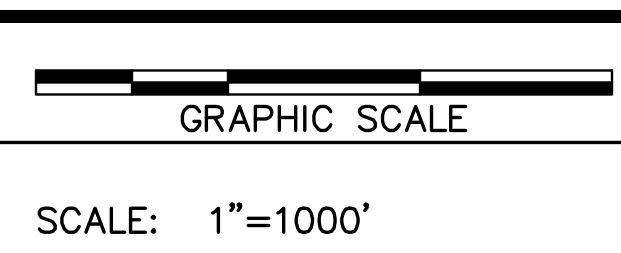
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CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	2 OF 2



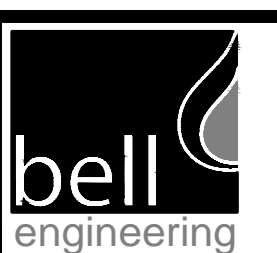
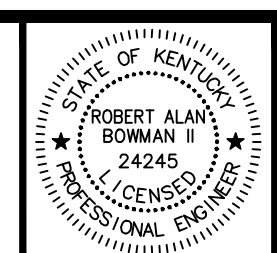
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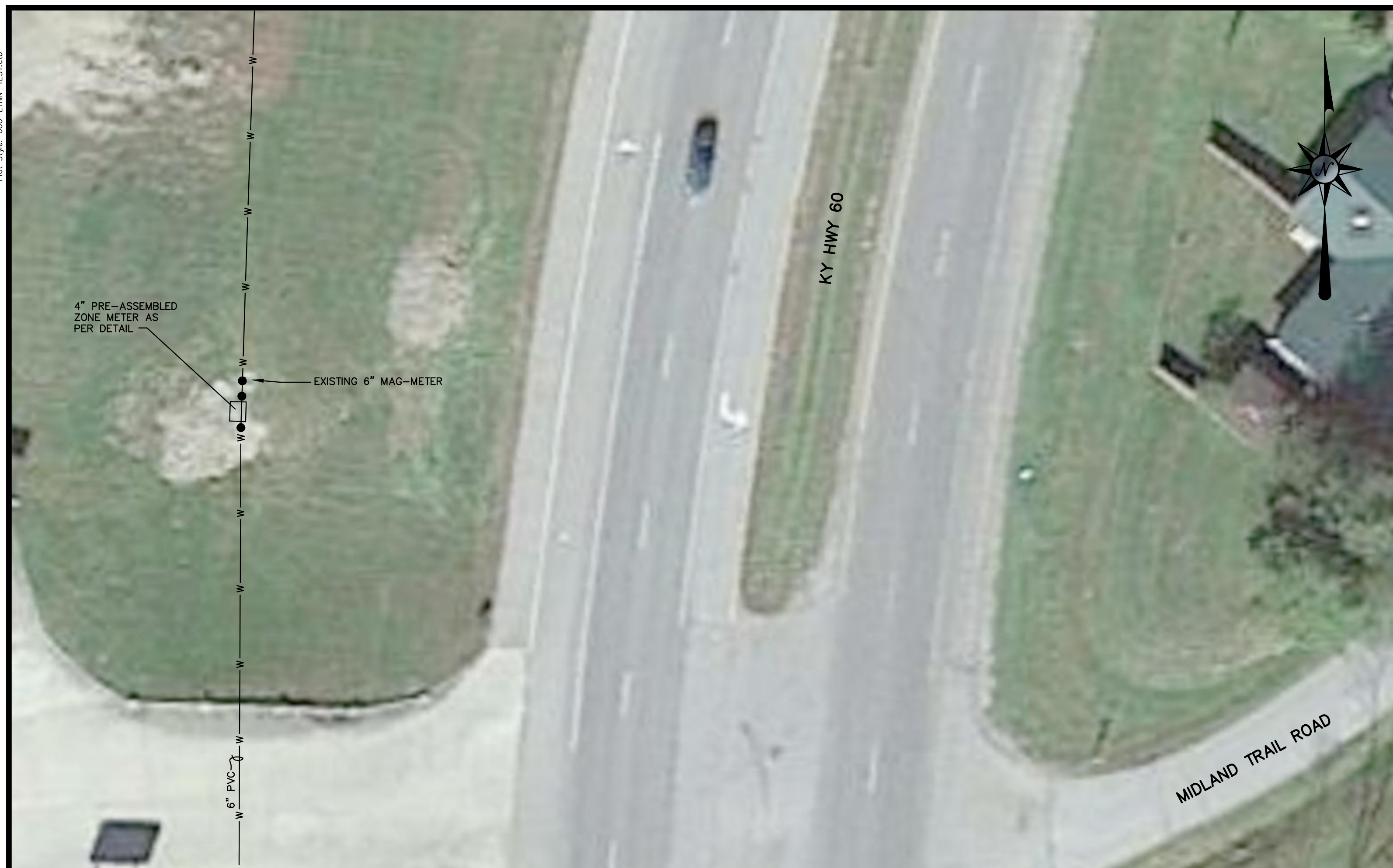
**PHASE 1 – ZONE METERING PROJECT**  
**CANNONBURG WATER DISTRICT**  
**CANNONBURG, KENTUCKY**

**CANNONBURG AREA**

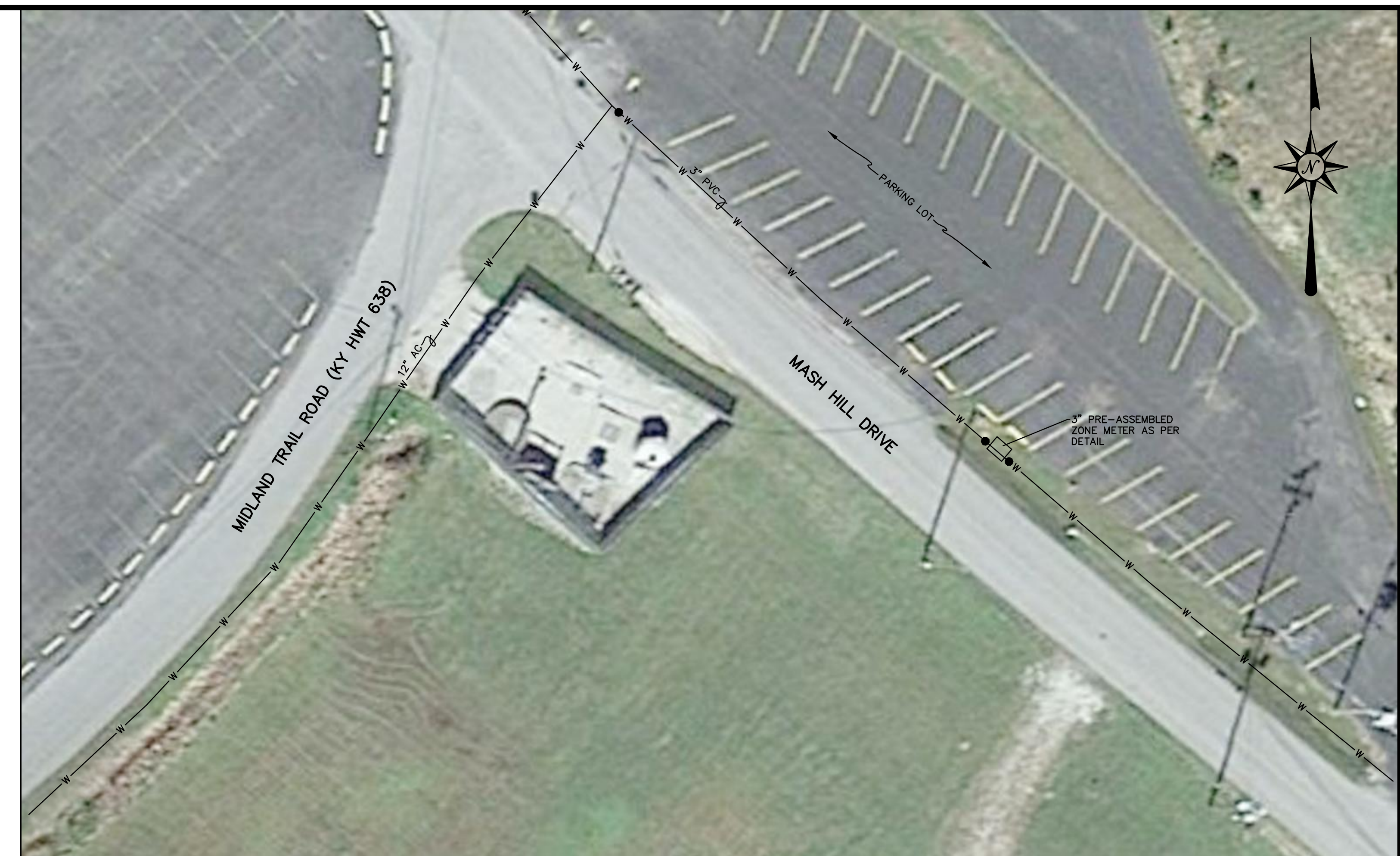
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CONTRACT NO.	691-19-01
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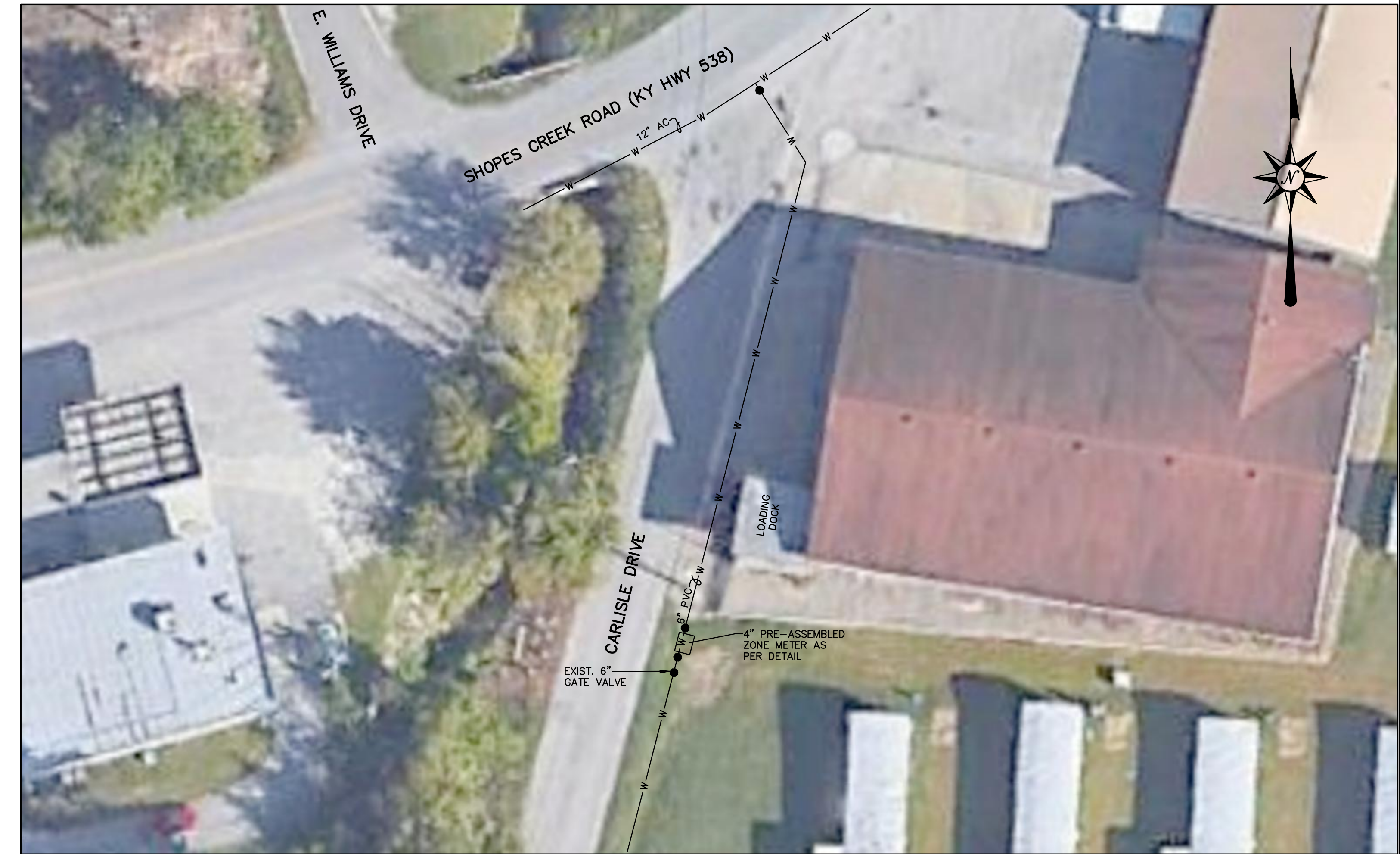
KY HWY 60 AT MIDLAND TRAIL ROAD (KY HWY 638)



MIDLAND TRAIL ROAD (KY HWY 638) AT MASH HILL DRIVE



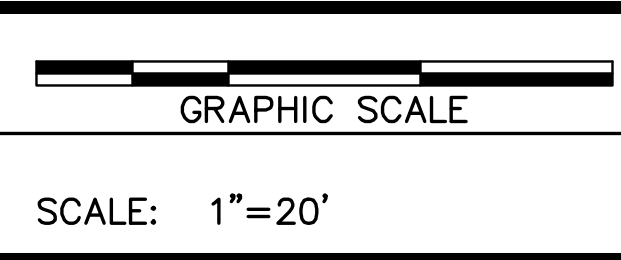
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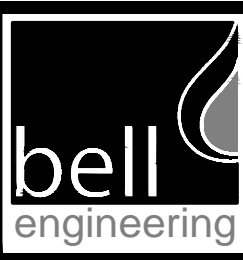
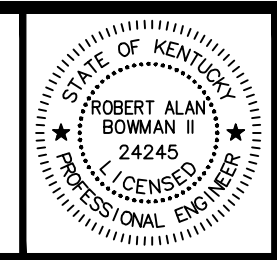
SHOPES CREEK ROAD (KY HWY 538) AT CARLISLE DRIVE

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PHASE 1 - ZONE METERING PROJECT  
 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

CANNONBURG AREA

DIVISION	B
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	2 OF 4

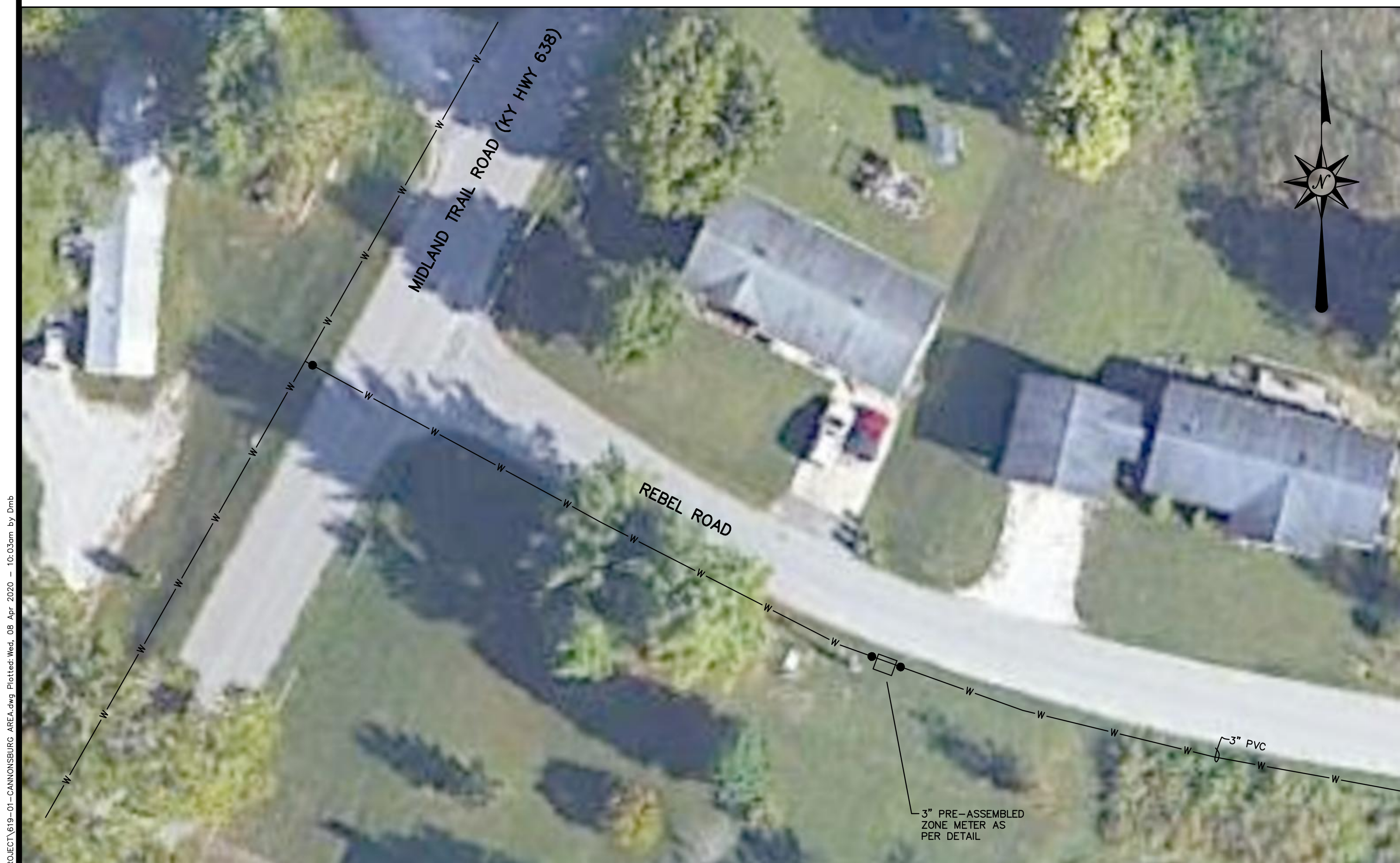




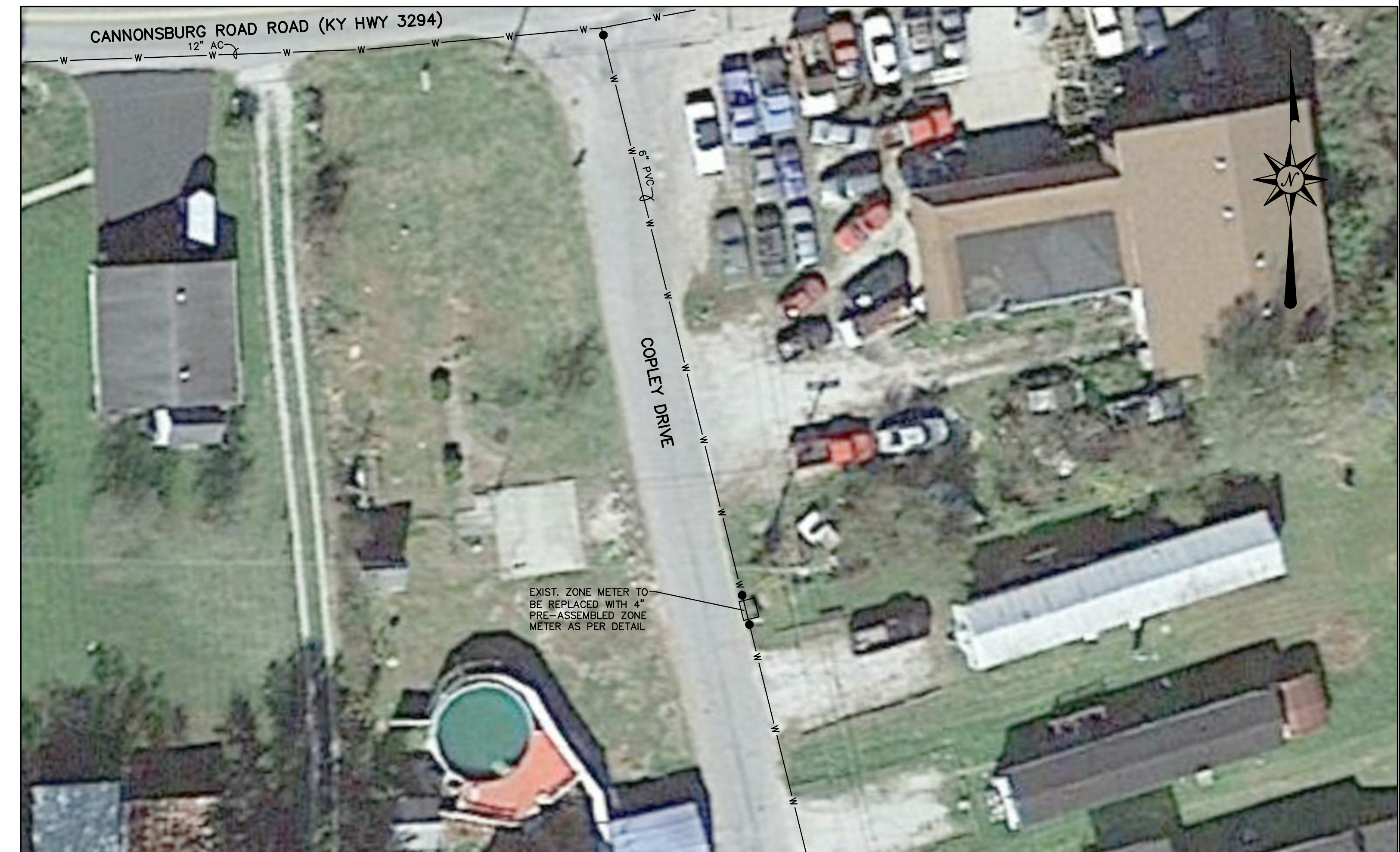
KY HWY 60 AT CEDAR KNOLL DRIVE



KY HWY 60 AT KY HWY 180 AT CANNONSBURG ROAD (KY HWY 3294)

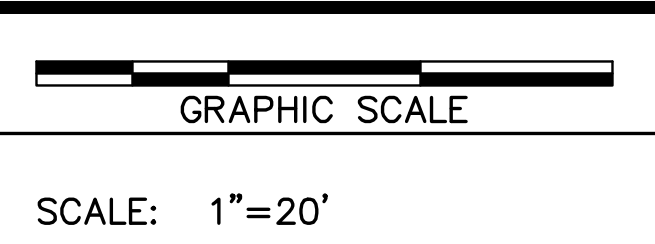


MIDLAND TRAIL ROAD (KY HWY 638) AT REBEL ROAD

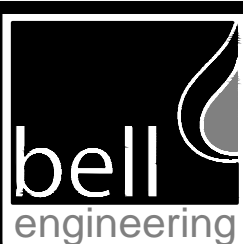
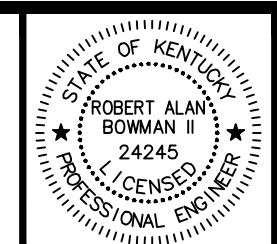


CANNONSBURG ROAD (KY HWY 3294) AT COPLEY DRIVE

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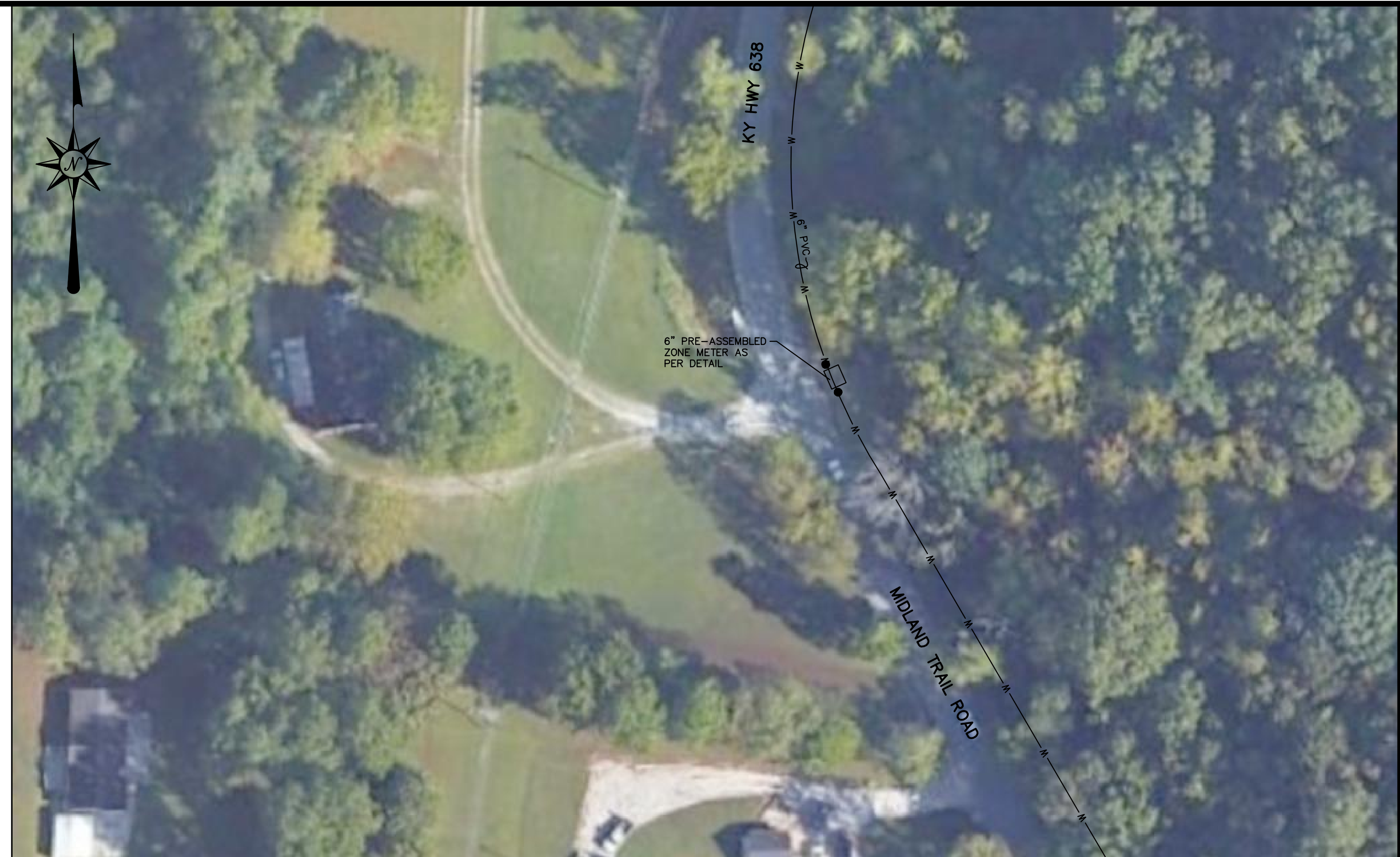
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PHASE 1 - ZONE METERING PROJECT  
 CANNONSBURG WATER DISTRICT  
 CANNONSBURG, KENTUCKY

CANNONSBURG AREA

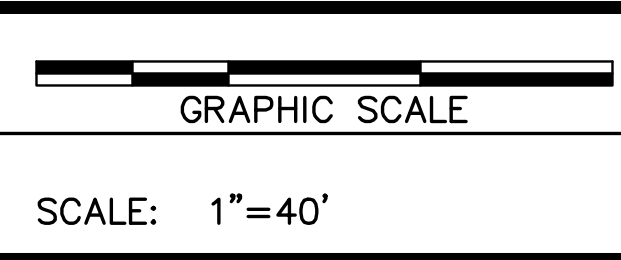
DIVISION	B
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	3 OF 4



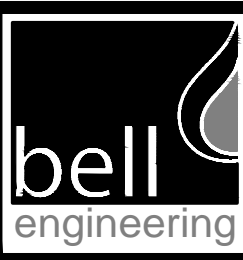
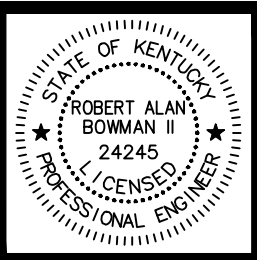


MIDLAND TRAIL ROAD (KY HWY 638)

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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

CANNONBURG AREA

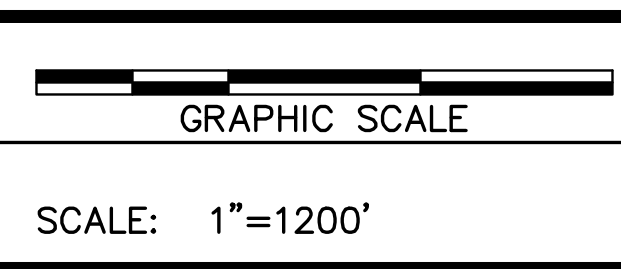
DIVISION	B
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	4 OF 4



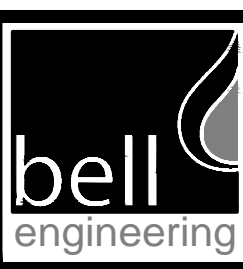
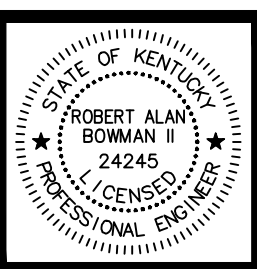
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**PHASE 1 - ZONE METERING PROJECT**  
**CANNONBURG WATER DISTRICT**  
**CANNONBURG, KENTUCKY**

**EAST PARK AREA**  
**PROJECT MAP**

DIVISION	A
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	1 OF 5





W. COBB FORK ROAD AT STRAIGHT CREEK ROAD

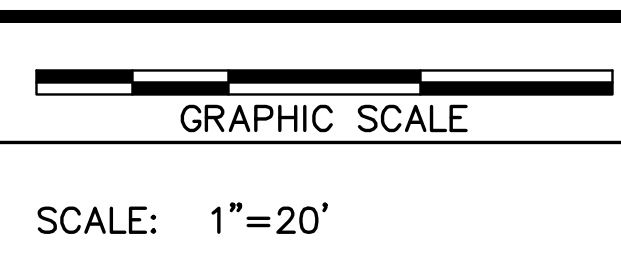


KY HWY. 5 AT STRAIGHT CREEK ROAD

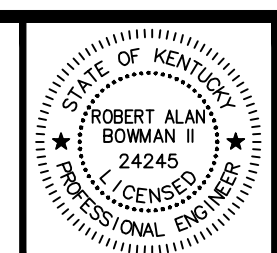


BUENA VISTA DRIVE AT STRAIGHT CREEK ROAD

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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

EAST PARK AREA

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CONTRACT NO.	691-19-01
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Plot Style: 000-L\NN-TEST.rdb



ADDINGTON ROAD AT STRAIGHT CREEK ROAD



GILLIAN CEMETERY ROAD AT STRAIGHT CREEK ROAD

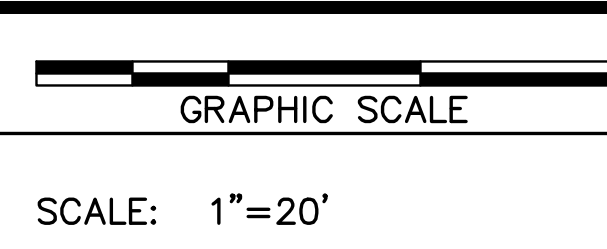


ADDINGTON ROAD AT S. COMMERCE DR.  
SCALE ~ 1"=100'

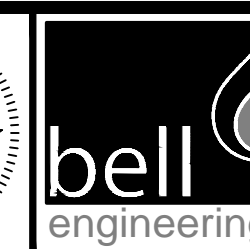
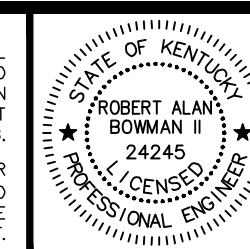


LOG TOWN ROAD AT EAST PARK DRIVE

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 CANNONSBURG WATER DISTRICT  
 CANNONSBURG, KENTUCKY

EAST PARK AREA

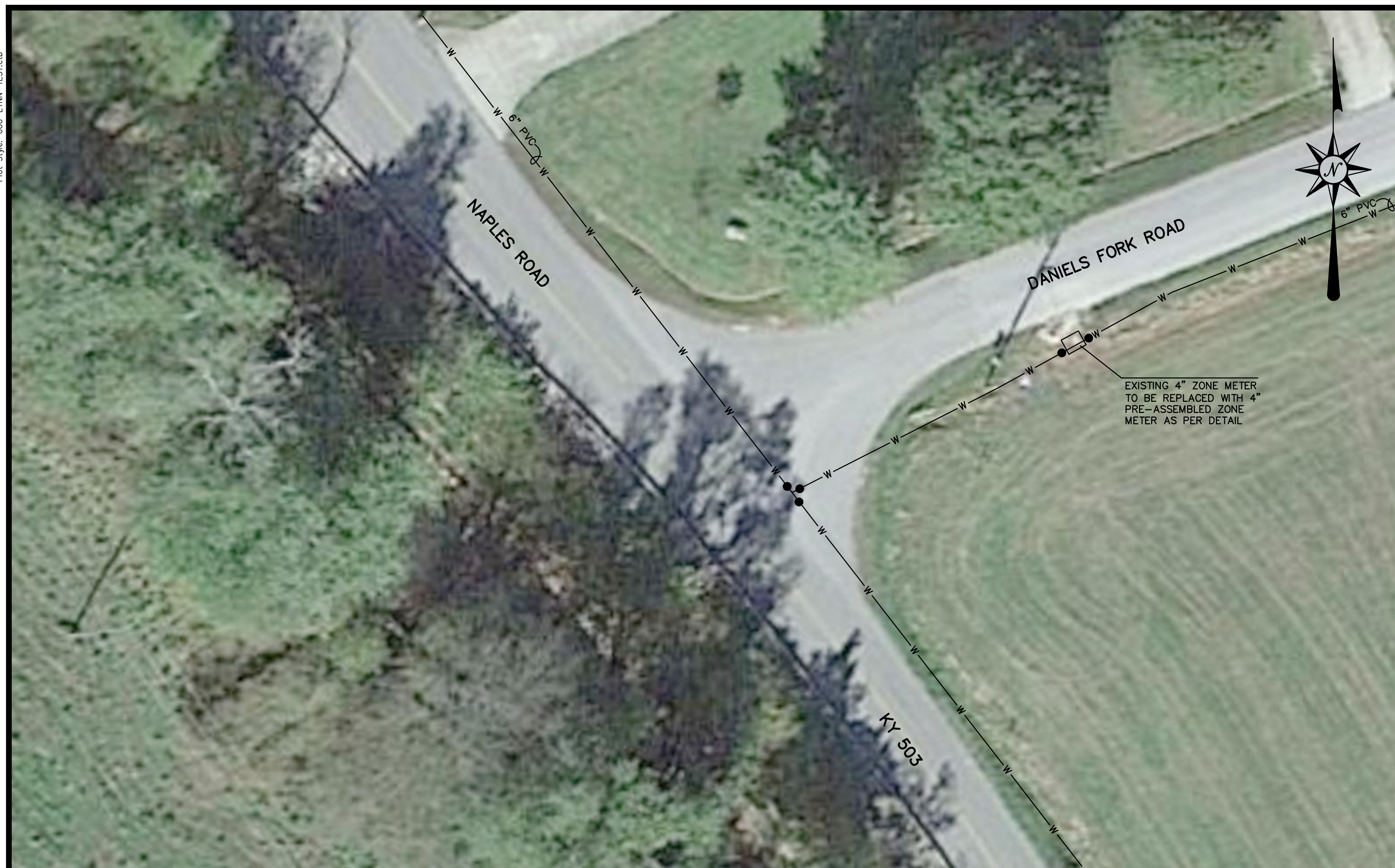
DIVISION	A
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	3 OF 5

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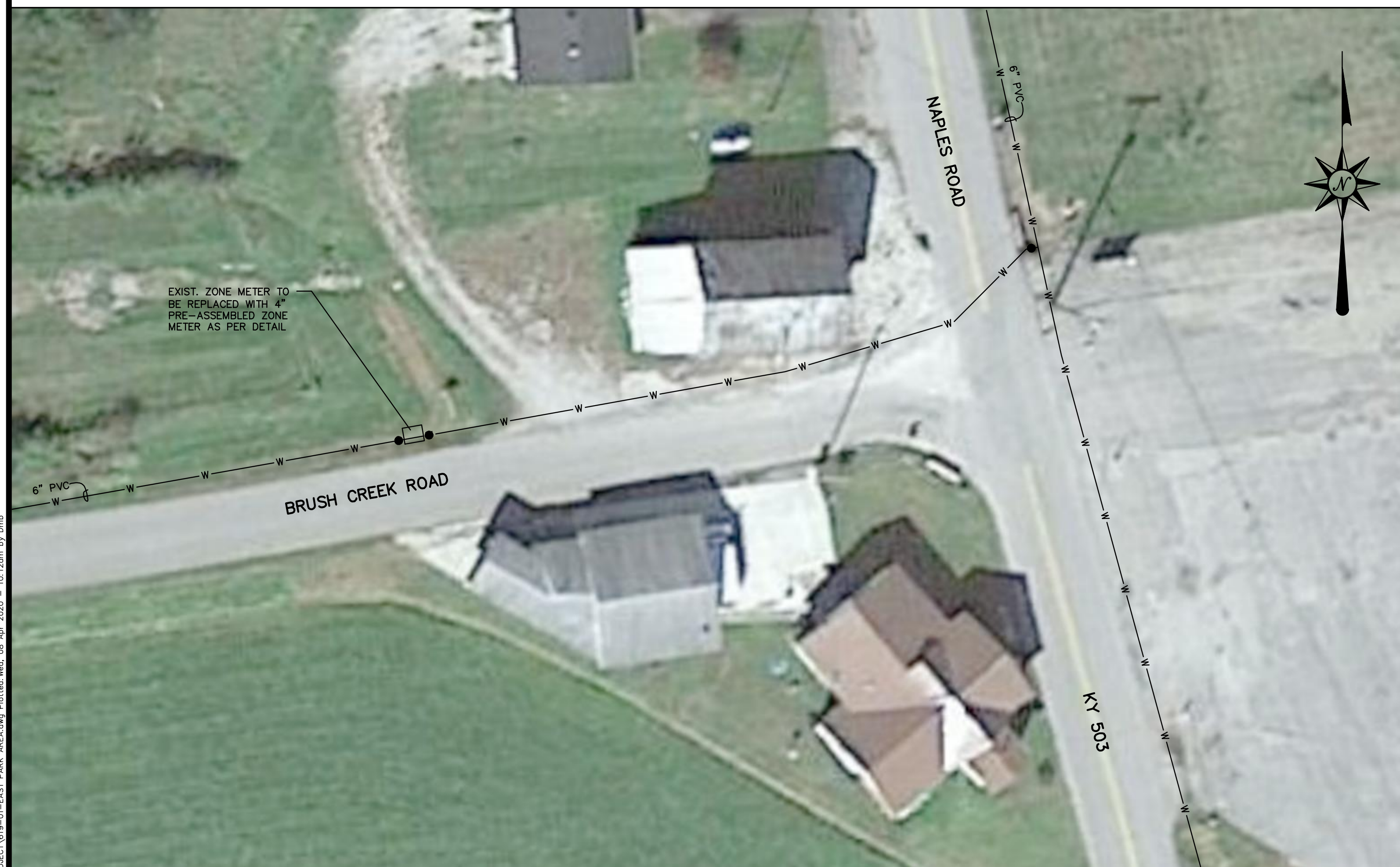
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NAPLES ROAD (KY 503) AT DANIELS FORK ROAD



NAPLES ROAD (KY 503)

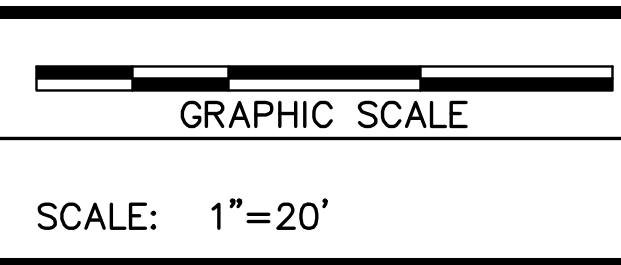


NAPLES ROAD (KY 503) AT BRUSH CREEK ROAD

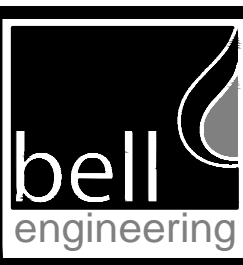
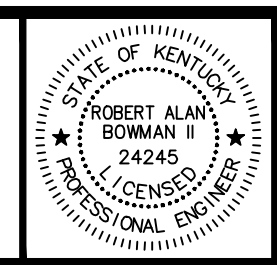


BROOKFIELD FARM ROAD

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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

EAST PARK AREA

DIVISION	A
CONTRACT NO.	691-19-01
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CULP CREEK ROAD AT INDUSTRIAL PKWY (KY 67)  
SCALE ~ 1" = 50'

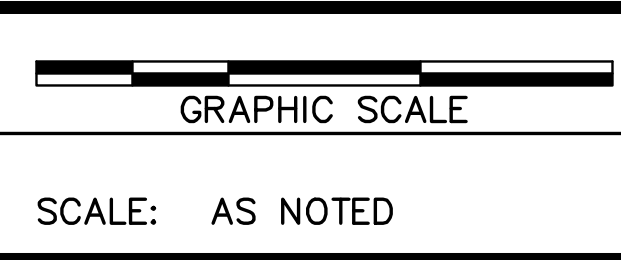


NAPLES ROAD (KY 503) AT CULP CREEK ROAD  
SCALE ~ 1" = 20'

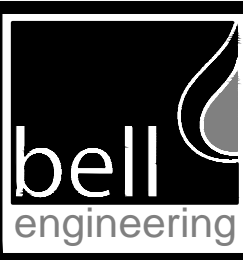
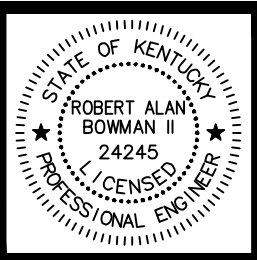


DANIELS FORK ROAD  
SCALE ~ 1" = 20'

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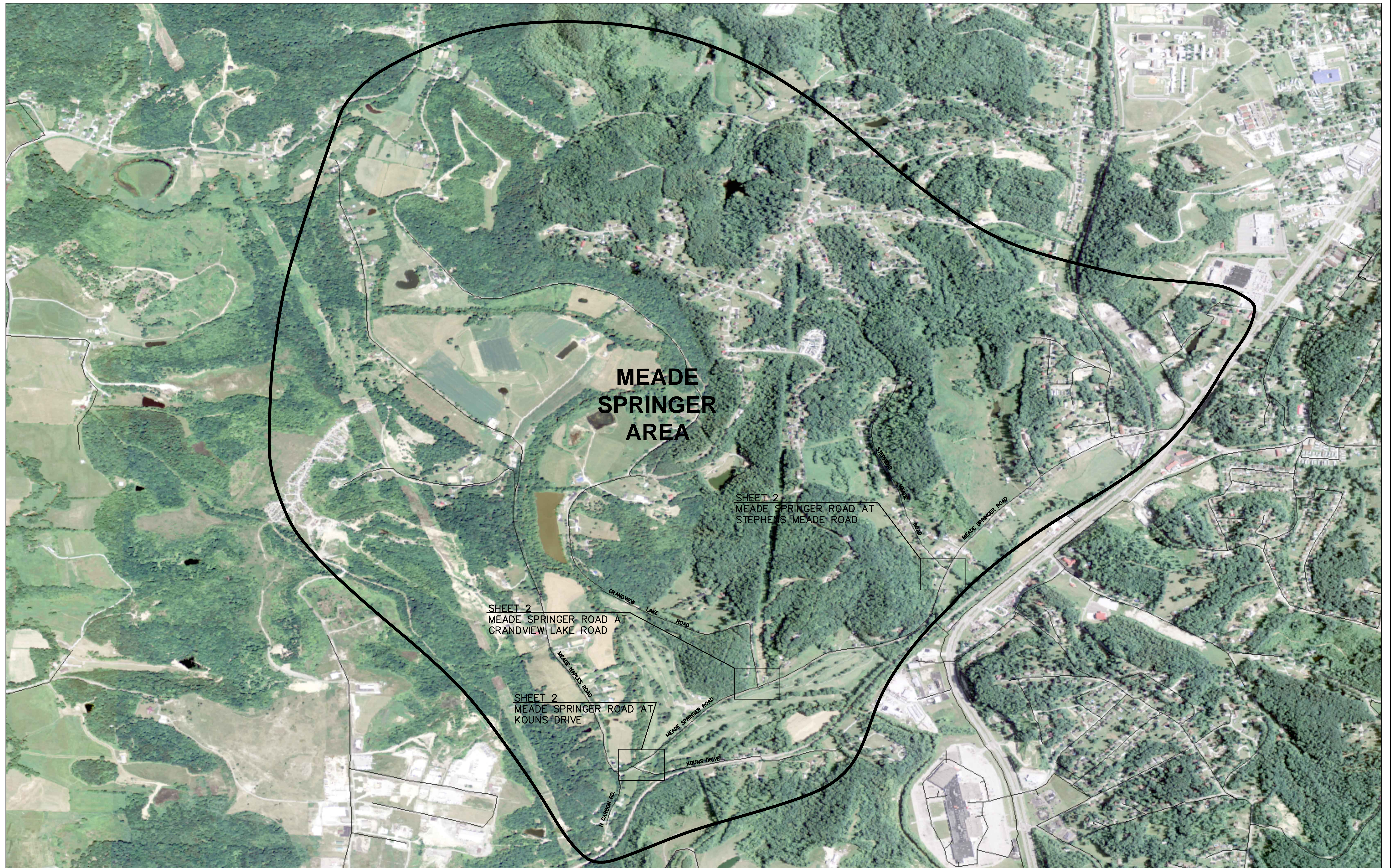
PHASE 1 - ZONE METERING PROJECT  
 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

EAST PARK AREA

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CONTRACT NO.	691-19-01
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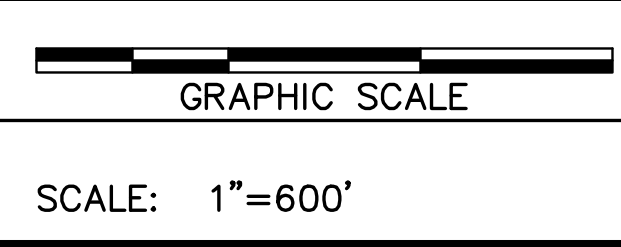


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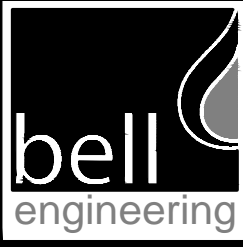
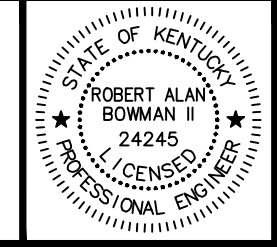


PROJECT MAP

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 CANNONBURG WATER DISTRICT  
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MEADE SPRINGER AREA

DIVISION	E
CONTRACT NO.	691-19-01
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J:\CANNONBURG\091-ZONE METER PROJECT\019-D1-MEASR SPRINGER AREA.dwg, Printed Wed, 08 Apr 2020 - 10:14am by Dmtb



MEADE SPRINGER ROAD AT KOUNS DRIVE

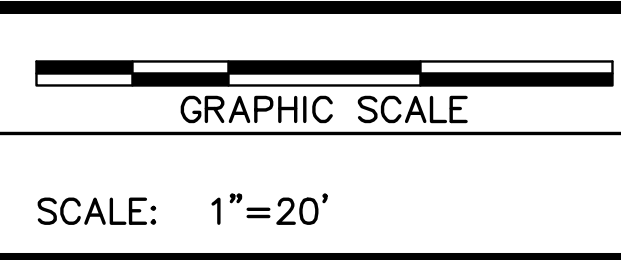


MEADE SPRINGER ROAD AT GRANDVIEW LAKE ROAD (KY HWY 1071)

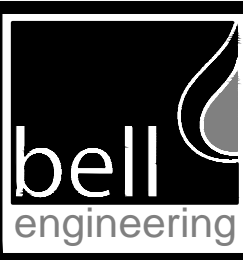
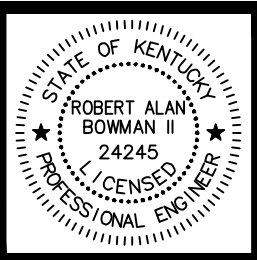


MEADE SPRINGER ROAD AT STEPHENS MEADE ROAD

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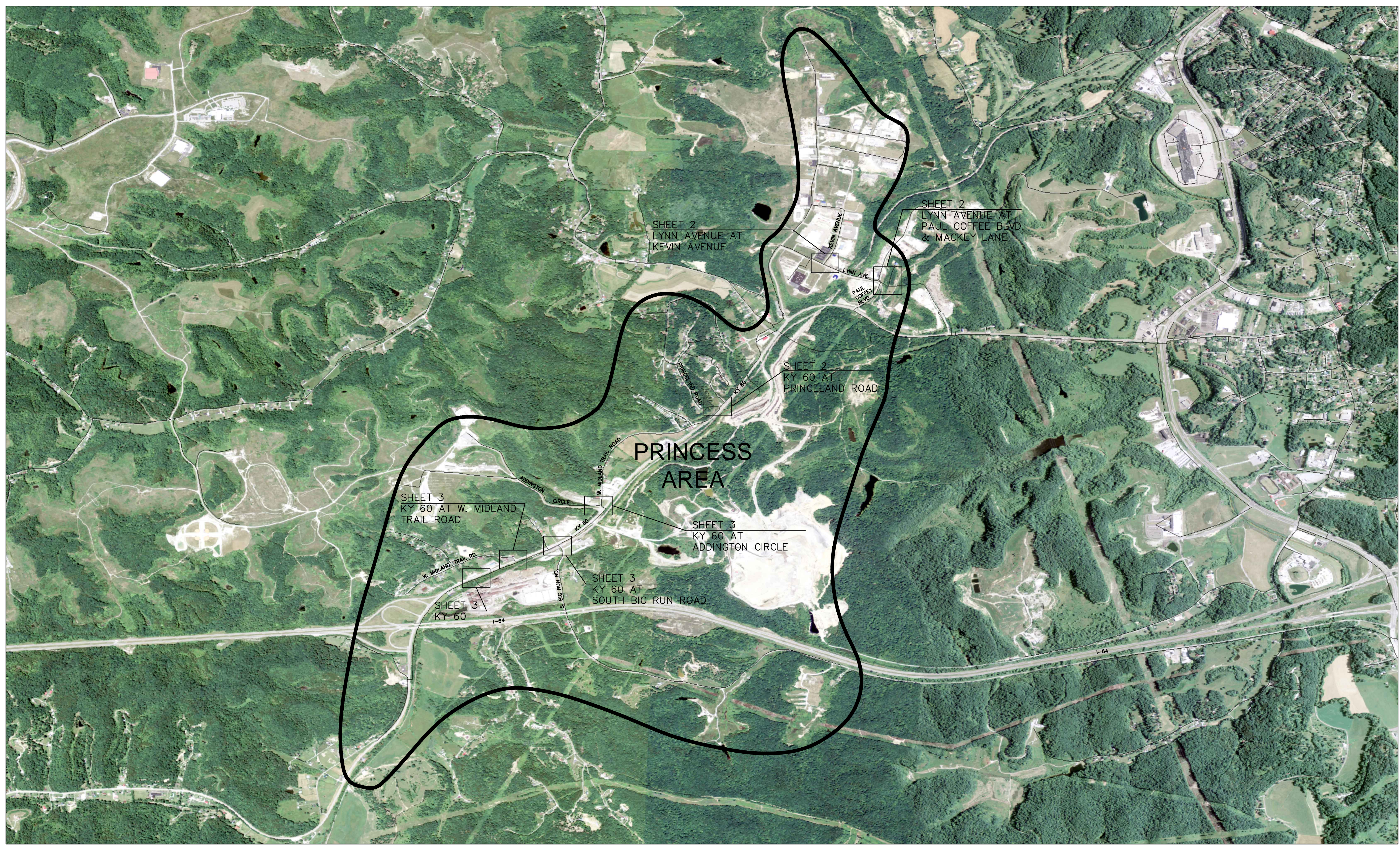
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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

MEADE SPRINGER AREA

DIVISION	E
CONTRACT NO.	691-19-01
DATE	JULY 2019
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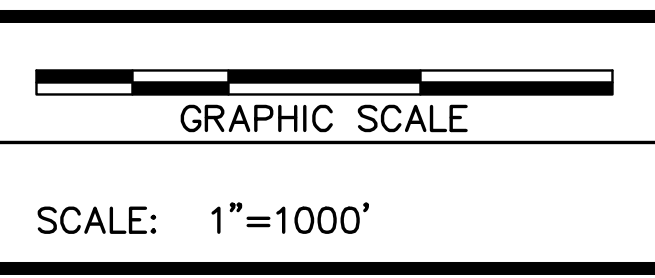


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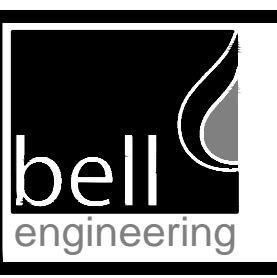
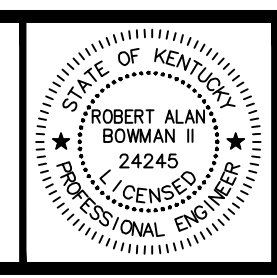


PROJECT MAP

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PHASE 1 – ZONE METERING PROJECT  
 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

PRINCESS AREA

DIVISION	D
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	1 OF 3





LYNN AVENUE AT KEVIN AVENUE

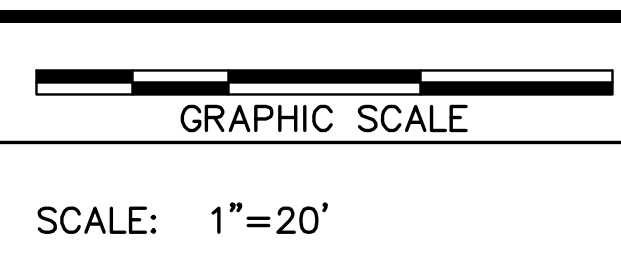


LYNN AVENUE AT PAUL COFFEY BLVD. AND MACKEY LANE

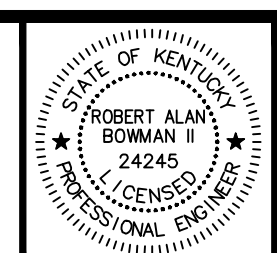


KY HWY 60 AT PRINCLAND ROAD

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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

PRINCESS AREA

DIVISION	D
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SHEET NO.	2 OF 3



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KY HWY 60 AT S. BIG RUN ROAD



KY HWY 60 AT ADDINGTON CIR.

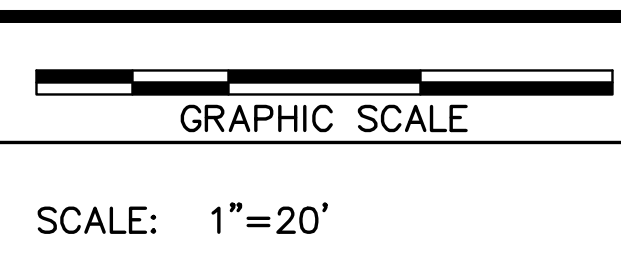


KY HWY 60 AT W. MIDLAND TRAIL ROAD

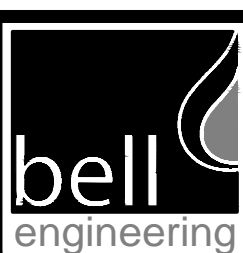
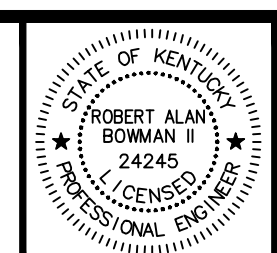


KY HWY 60

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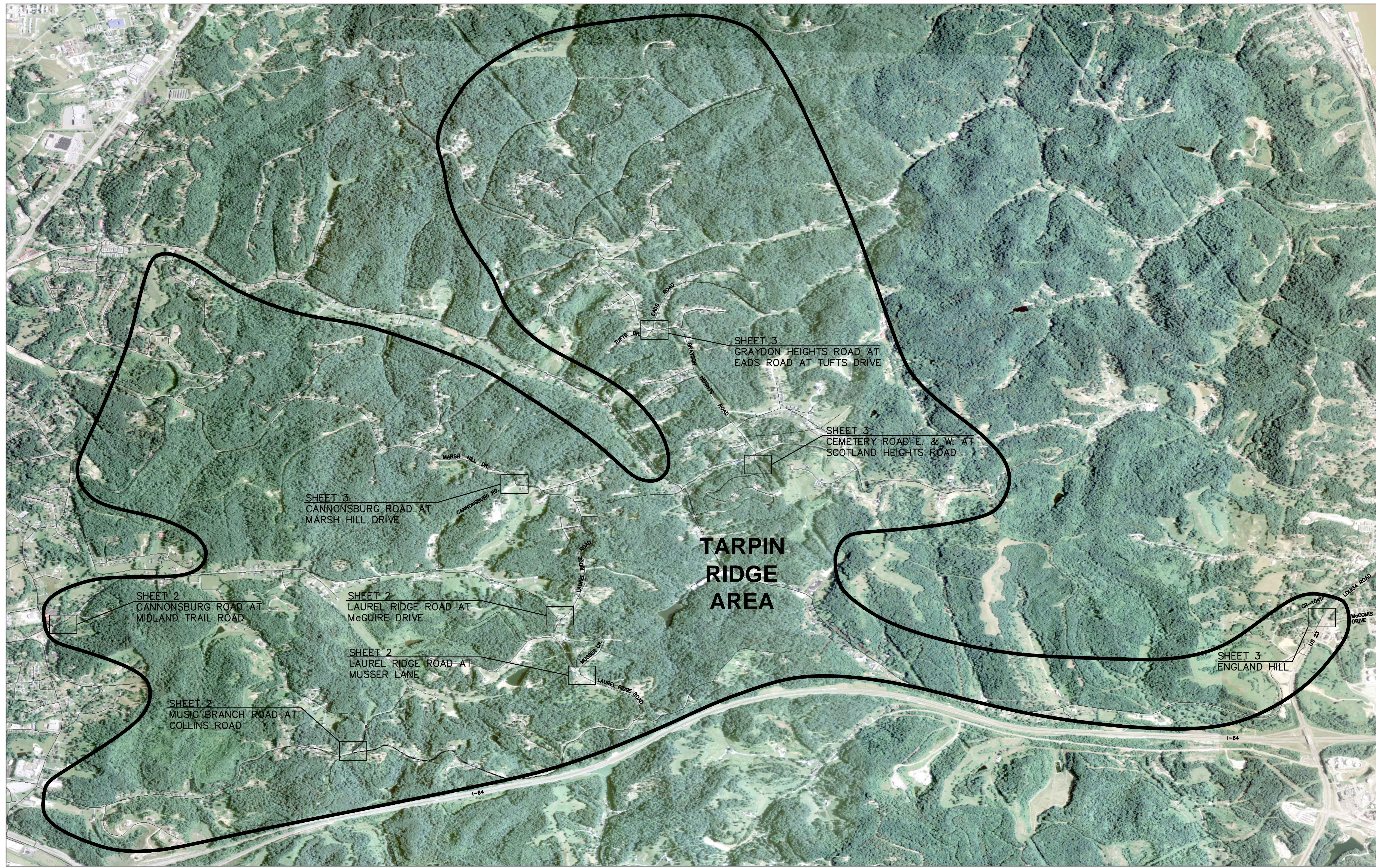
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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

DIVISION D  
 CONTRACT NO. 691-19-01  
 DATE JULY 2019  
 SHEET NO. 3 OF 3

J:\CANNONBURG\091-ZONE METER PROJECT\619-01-PRINCESS AREA.ctb, 08 Apr 2020 - 10:17am by Dmth

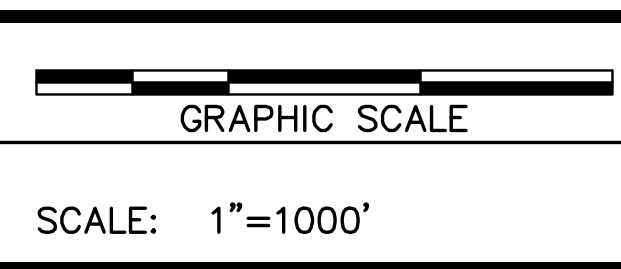




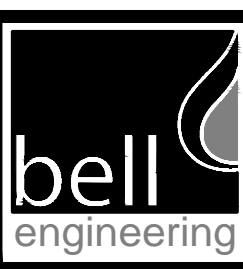
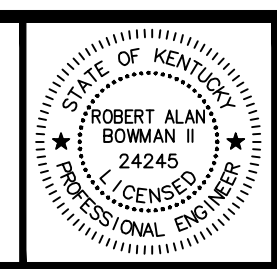
# TARPIN RIDGE AREA

PROJECT MAP

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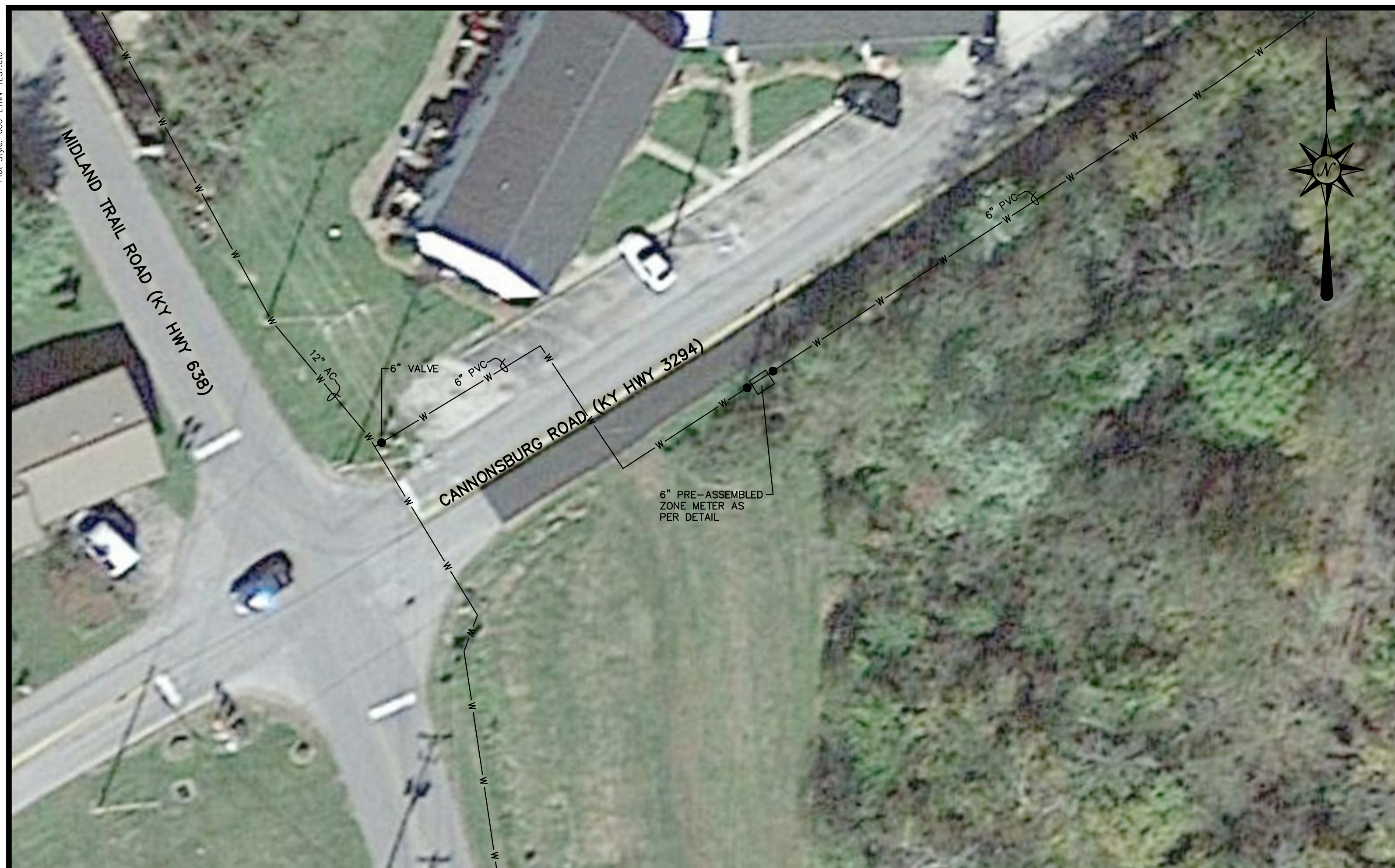
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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

TARPIN RIDGE AREA

DIVISION	F
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CANNONBURG ROAD (KY HWY 3294 AT MIDLAND TRAIL ROAD (KY HWY 638)



MUSIC BRANCH ROAD AT COLLINS ROAD

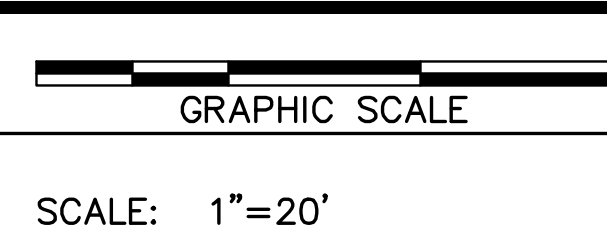


LAUREL RIDGE ROAD AT MUSSER LANE

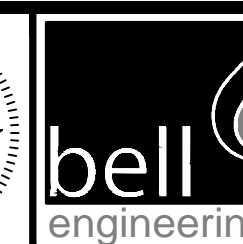
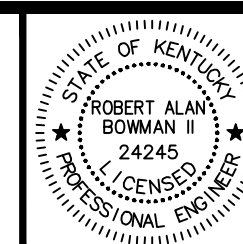


LAUREL RIDGE ROAD AT MCGUIRE DRIVE

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 CANNONBURG, KENTUCKY

TARPIN RIDGE AREA

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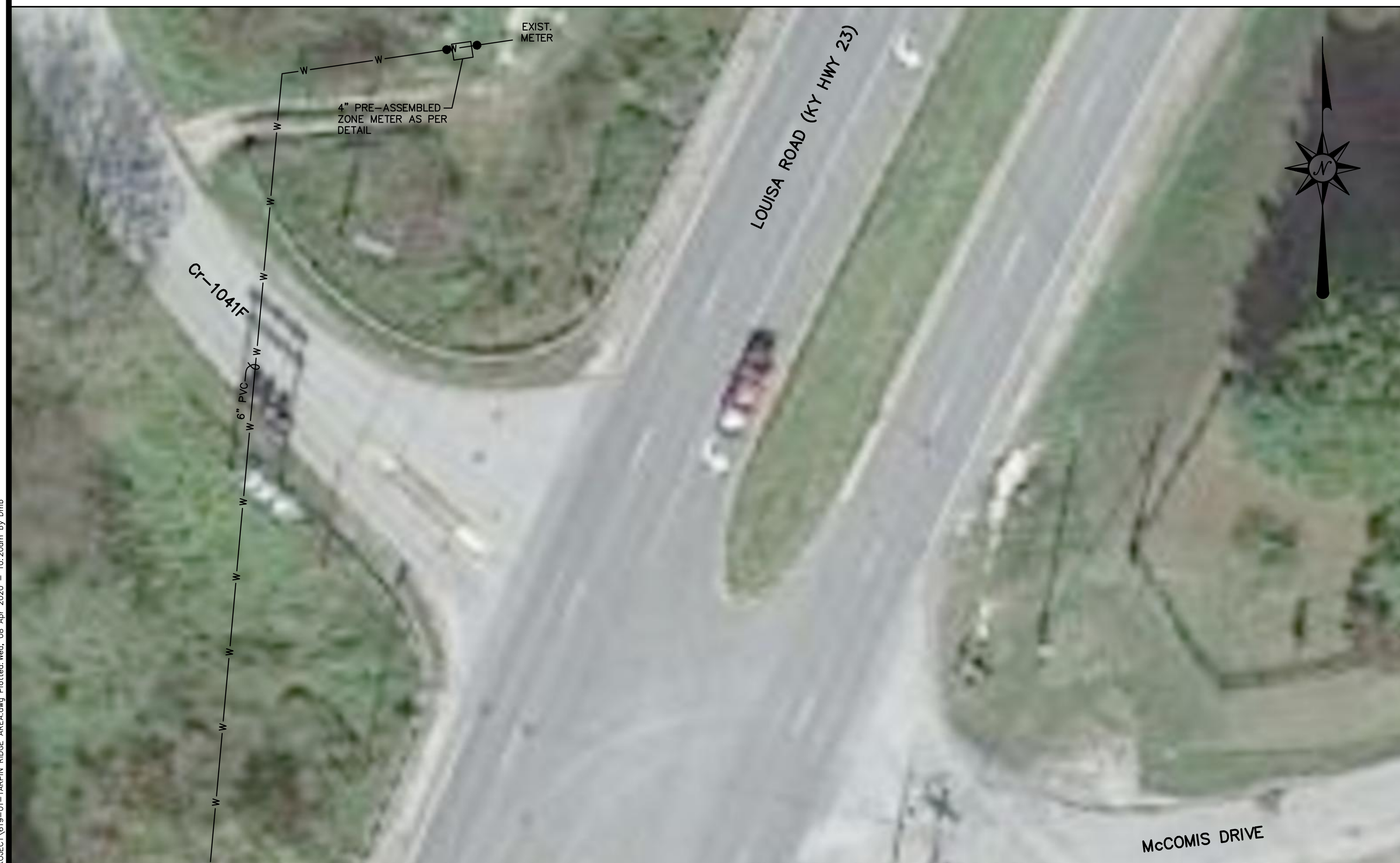




CANNONBURG ROAD (KY HWY 3294) AT MARSH HILL DRIVE



CEMETERY ROAD E. & W. (KY HWY 3294) AT SCOTLAND HEIGHTS ROAD

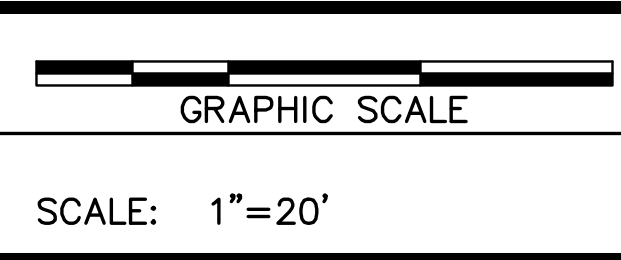


ENGLAND HILL

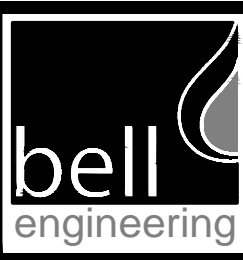
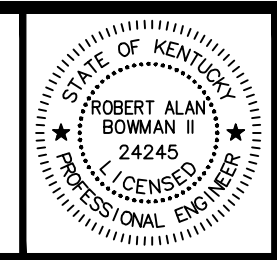


GRAYDON HEIGHTS ROAD AT EADS ROAD AT TUFTS DRIVE

DESIGNER	RAB	DATE	BY	REVISION
DRAWN	DRH			
CHECKED	KGG			
APPROVED	RAB			



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PHASE 1 - ZONE METERING PROJECT  
 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

TARPIN RIDGE AREA

DIVISION	F
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	3 OF 3

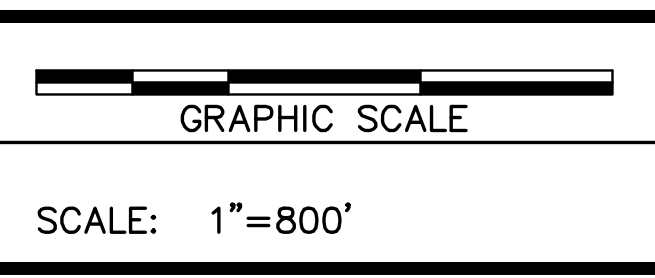


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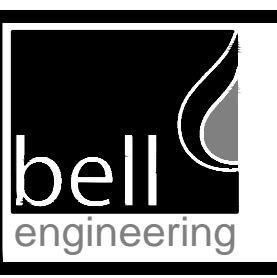
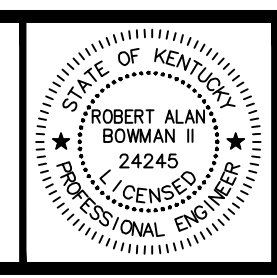


PROJECT MAP

DESIGNER	RAB	DATE	BY	REVISION
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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

DIVISION C  
 CONTRACT NO. 691-19-01  
 DATE JULY 2019  
 SHEET NO. 1 OF 3

US 64 SOUTH AREA



Plot Style: 000-L\NH-TEST.rdb

J:\CANNONBURG\091-ZONE METER PROJECT\019-D1-US 64 SOUTH AREA.dwg Plotted Wed, 08 Apr 2020 - 10:23am by Dmb

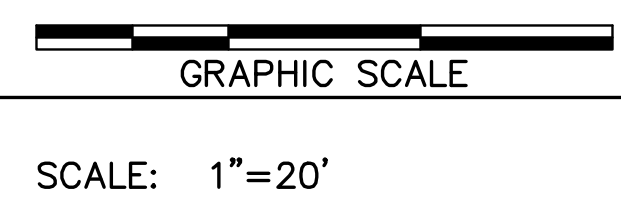


KY HWY 180 AT S. BIG RUN ROAD

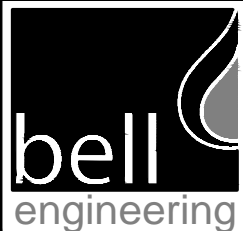
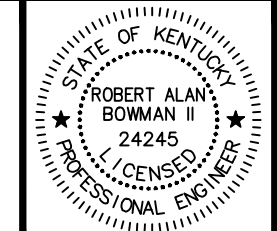


KY HWY 180 AT N. BIG RUN ROAD

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 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

US 64 SOUTH AREA

DIVISION	C
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	2 OF 3





KY HWY 3 AT DOG FORK LAUREL ROAD

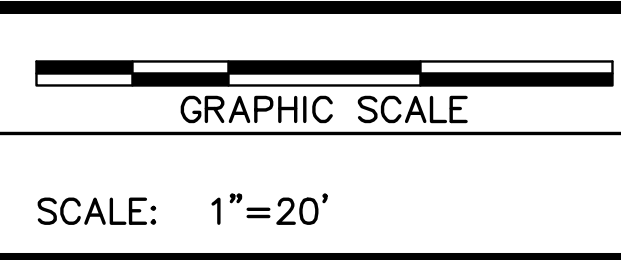


PONDEROSA DRIVE AT Cr-1134

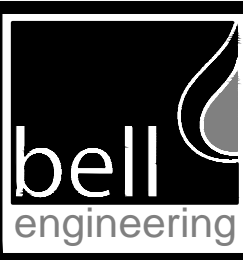
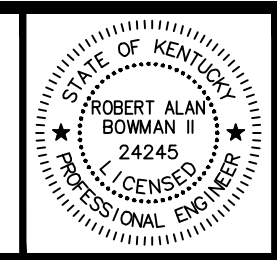


Cr-1134

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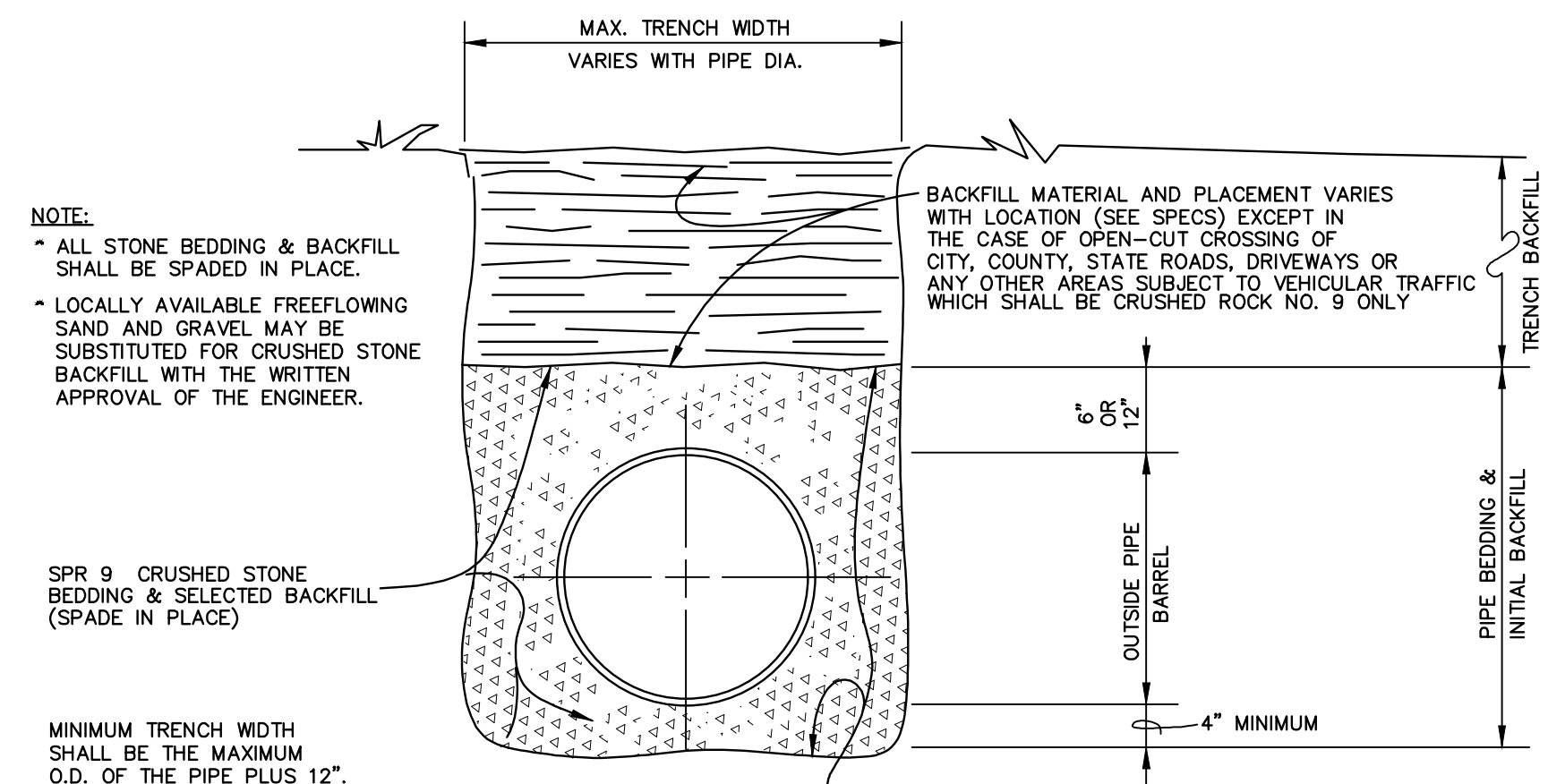
PHASE 1 - ZONE METERING PROJECT  
 CANNONBURG WATER DISTRICT  
 CANNONBURG, KENTUCKY

US 64 SOUTH AREA

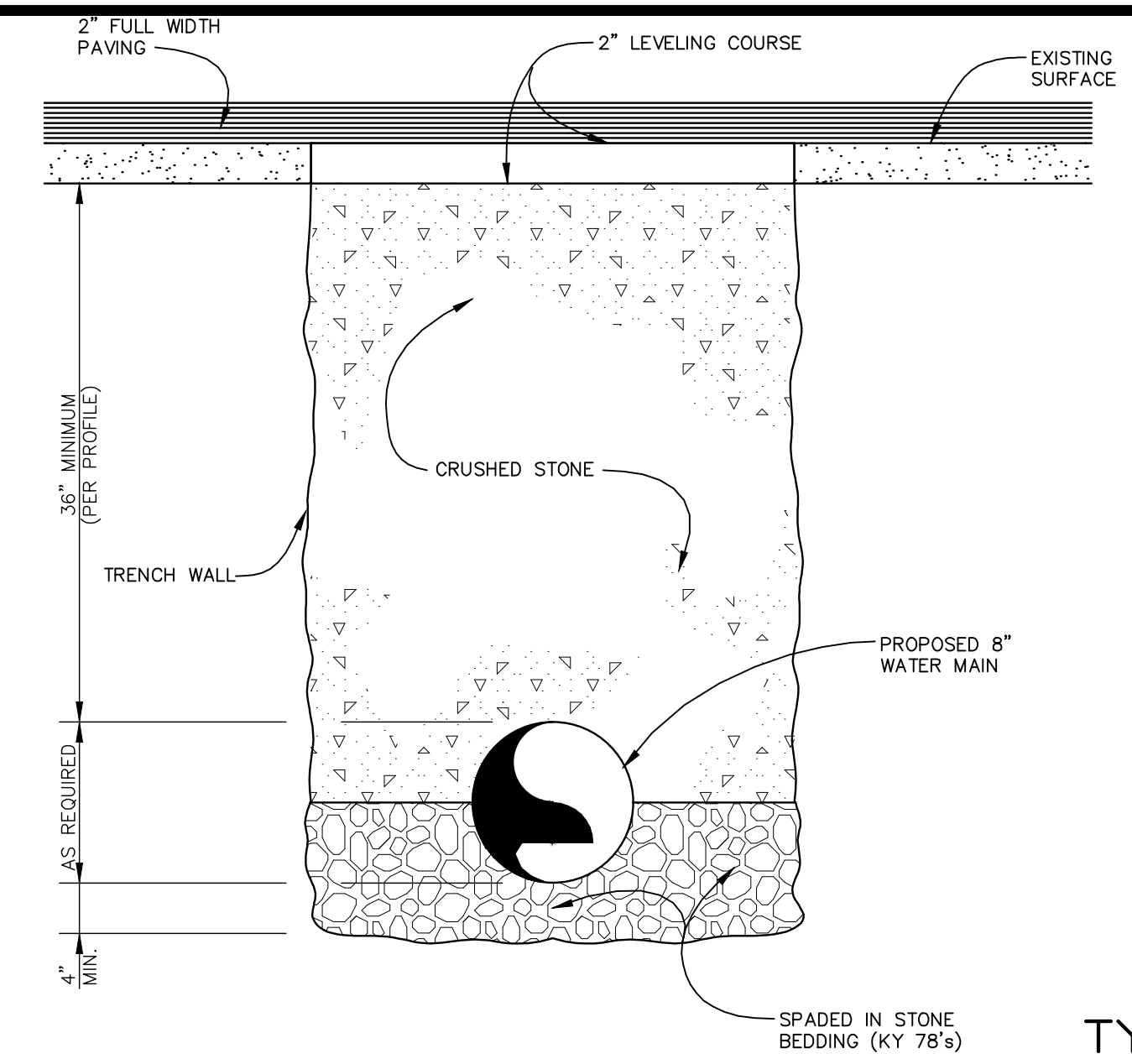
DIVISION	C
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	3 OF 3



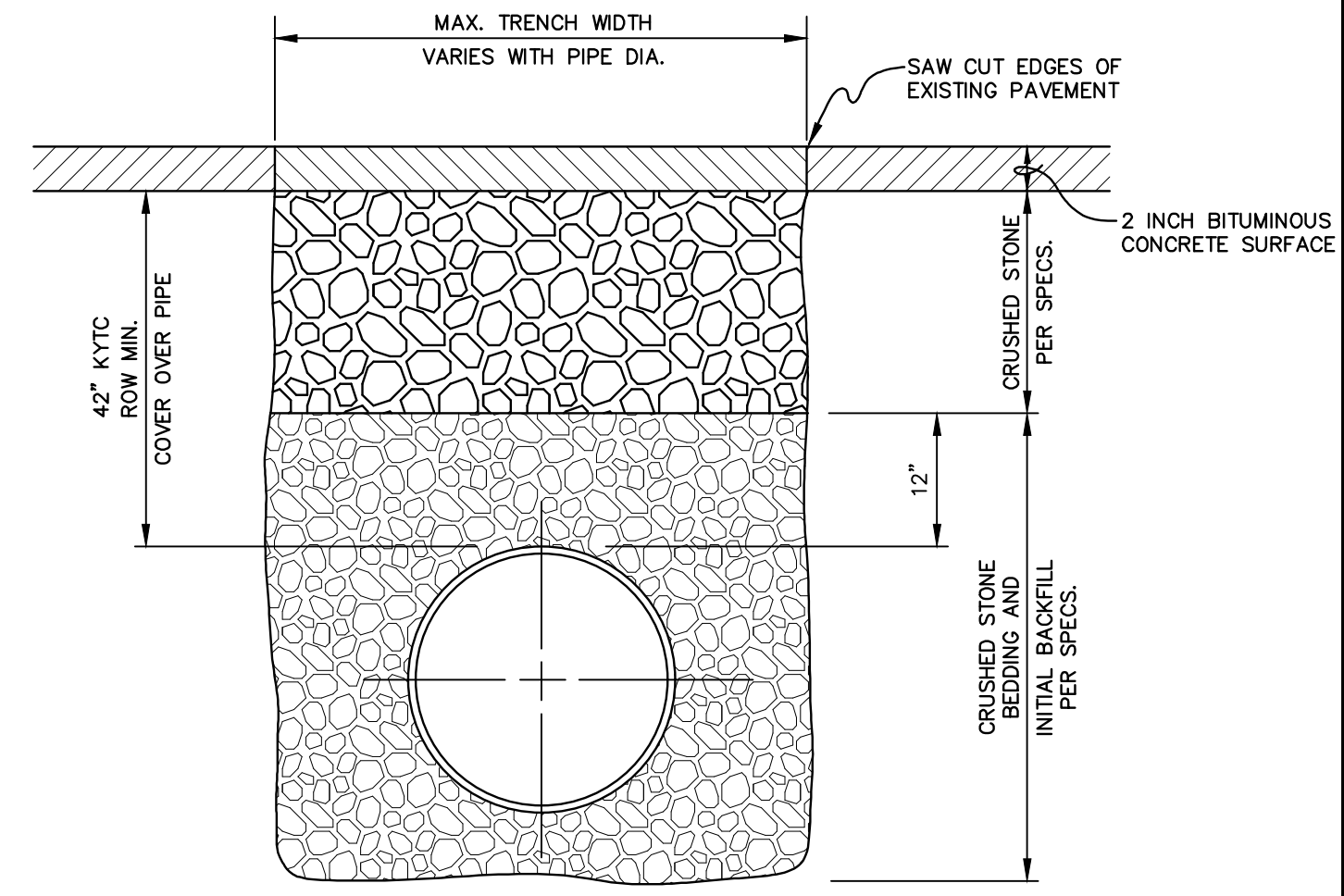
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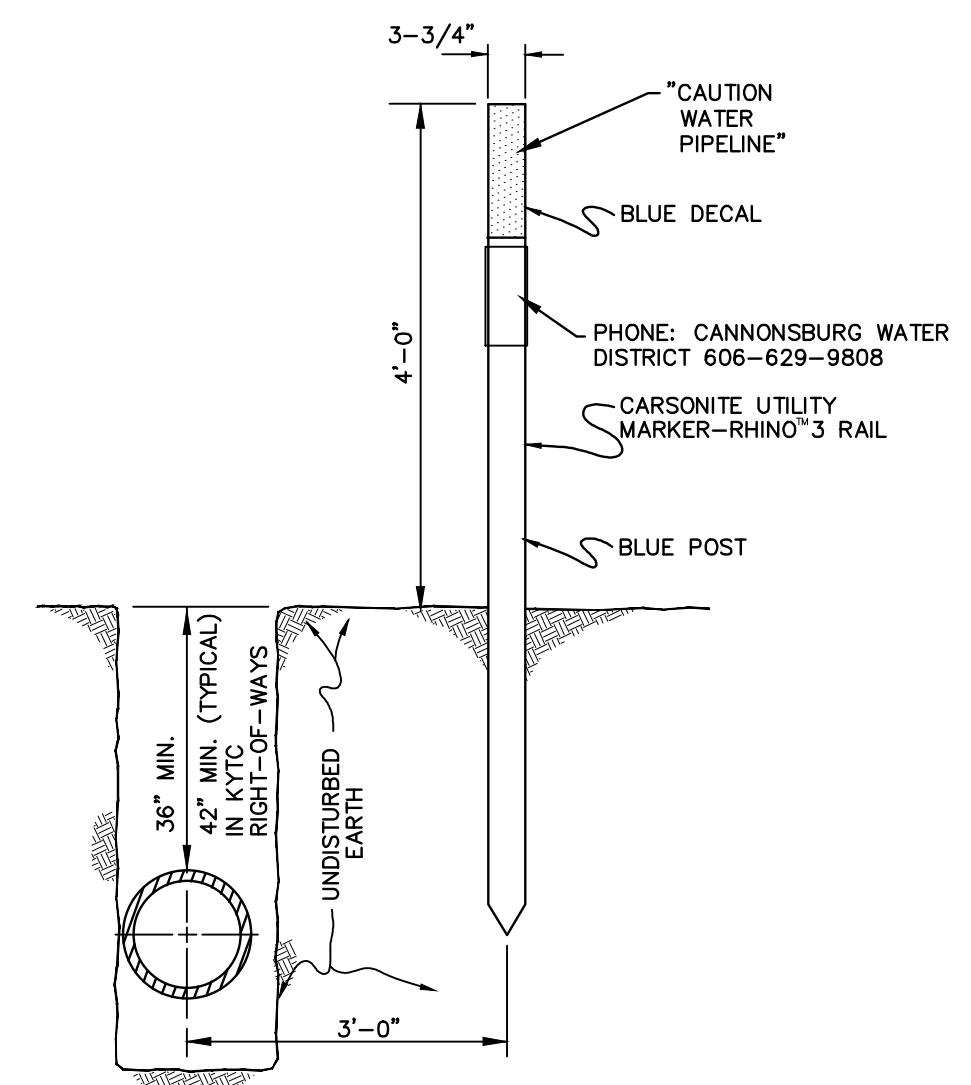
**DETAIL BEDDING & BACKFILL WATER MAIN INSTALLATION**  
NOT TO SCALE



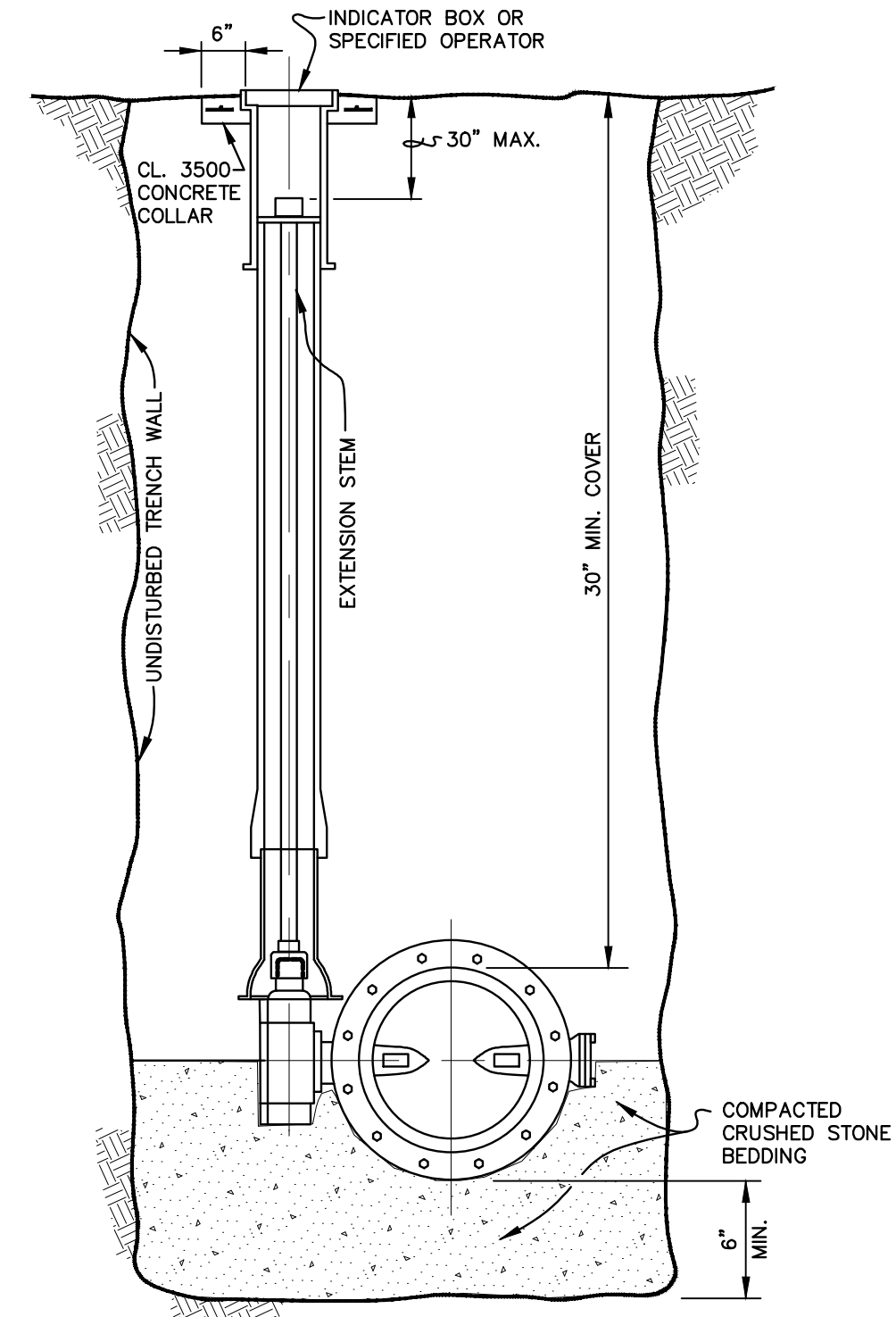
**BACKFILL REQUIREMENT FOR PIPE IN PROPOSED ROAD AND EXISTING ROADWAY, NOT STATE HIGHWAY**  
NOT TO SCALE



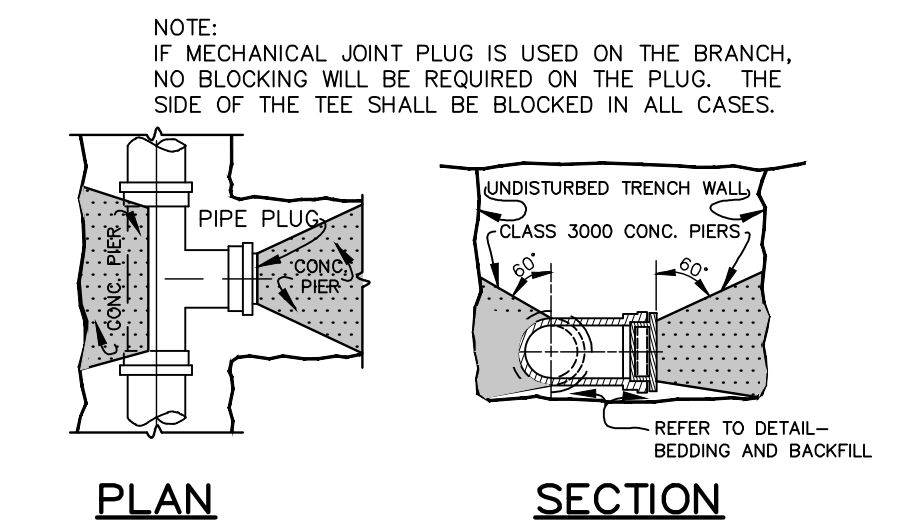
**TRENCH DETAIL TYPICAL OPEN CUT CROSSING OF COUNTY ROADS, STREETS AND BITUMINOUS PAVED DRIVEWAYS**  
NOT TO SCALE



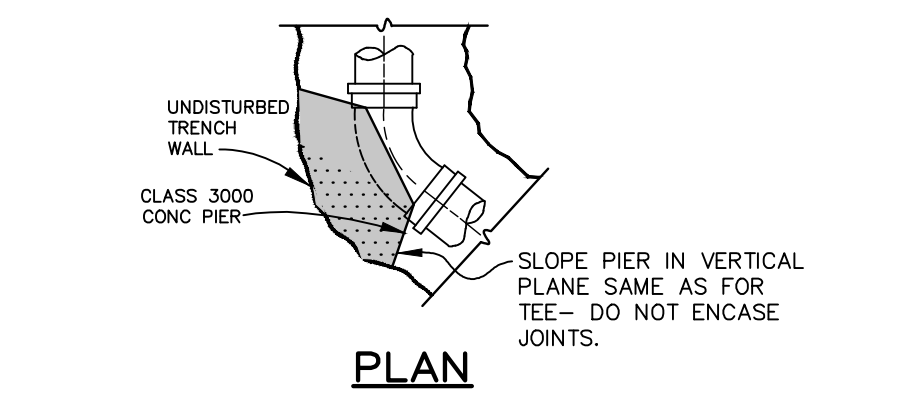
**DETAIL FLEXIBLE FIBERGLASS COMPOSITION LINE MARKER**  
NOT TO SCALE



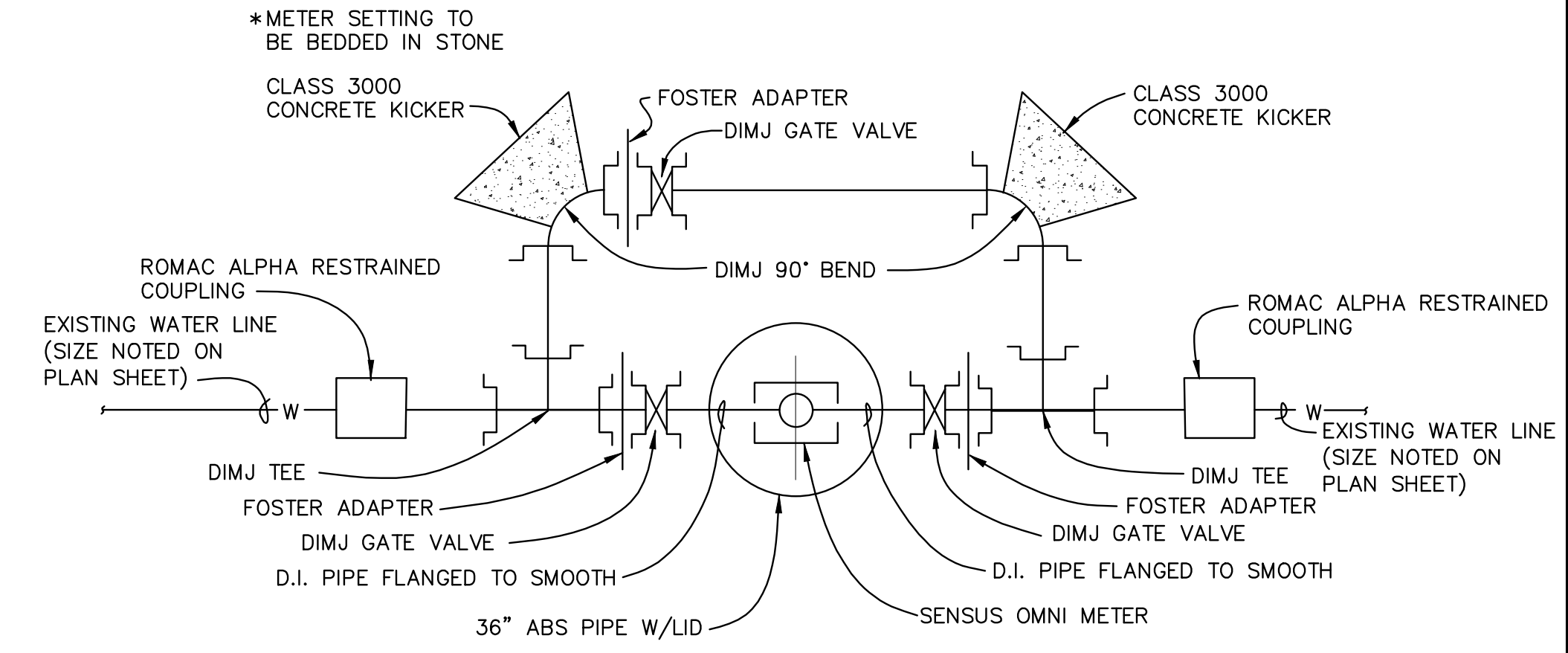
**TYPICAL DETAIL OF COMPACTED CRUSHED STONE BEDDING FOR UNDERGROUND BUTTERFLY VALVES**  
NOT TO SCALE



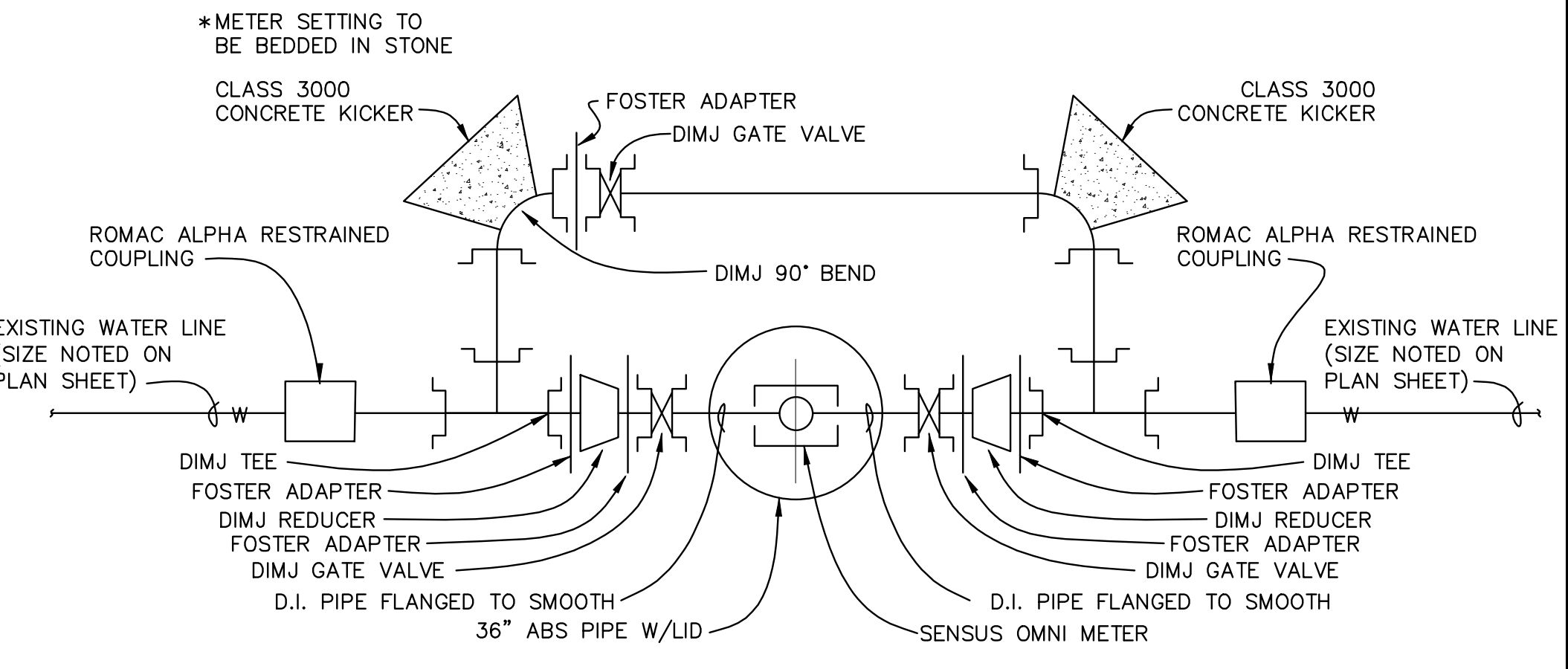
**TYPICAL DETAIL OF CONCRETE BLOCKING AT TEES & PLUGS**



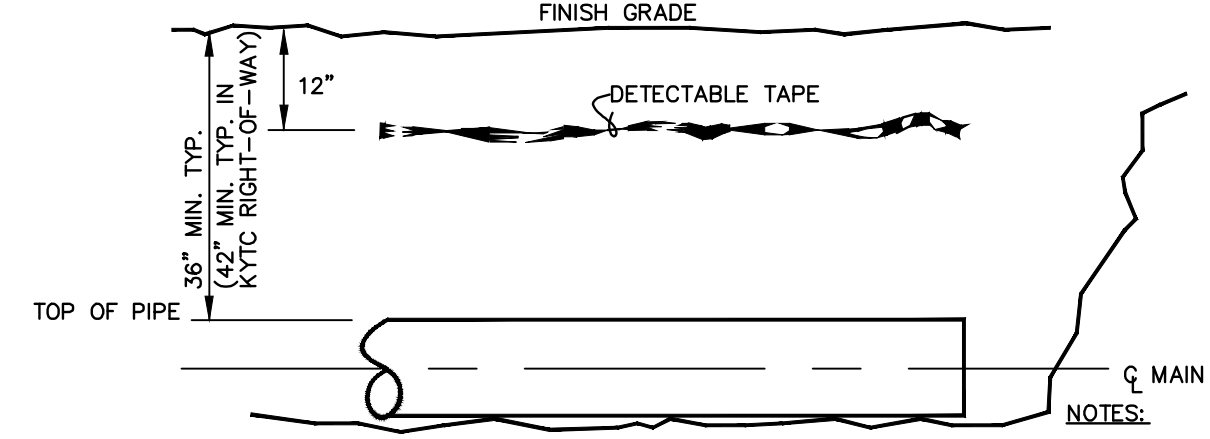
**TYPICAL DETAIL OF CONCRETE BLOCKING AT HORIZONTAL BENDS**  
NOT TO SCALE



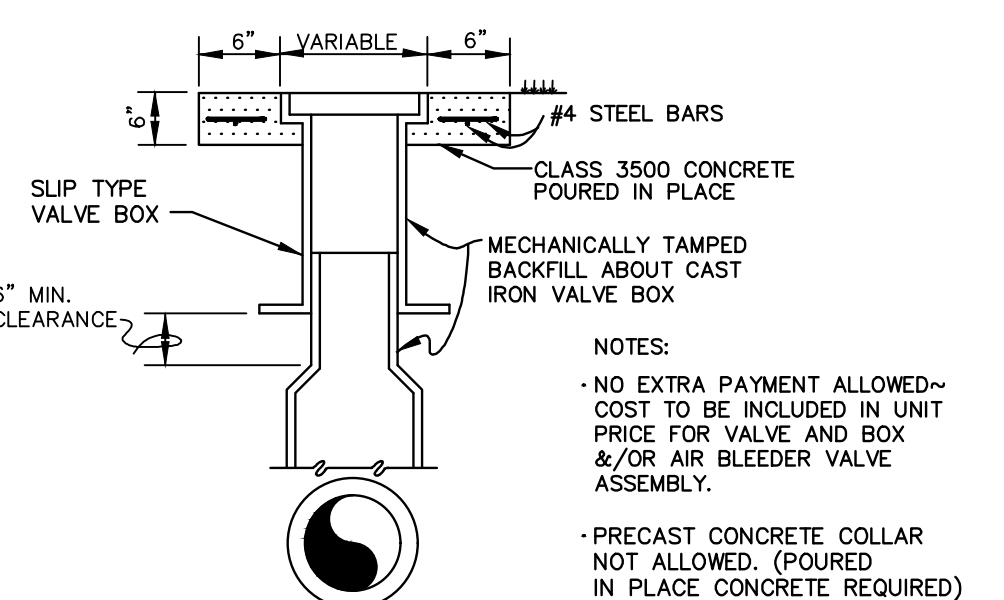
**PRE-ASSEMBLED ZONE METER SETTING W/O REDUCER**  
NOT TO SCALE



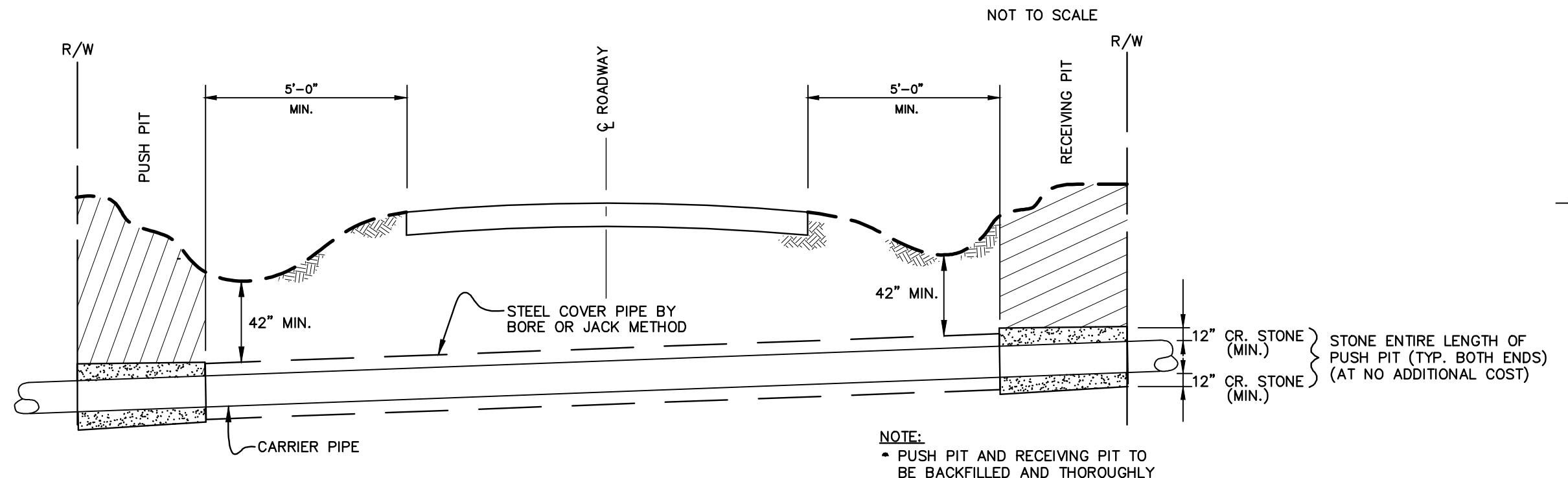
**PRE-ASSEMBLED ZONE METER SETTING W/ REDUCER**  
NOT TO SCALE



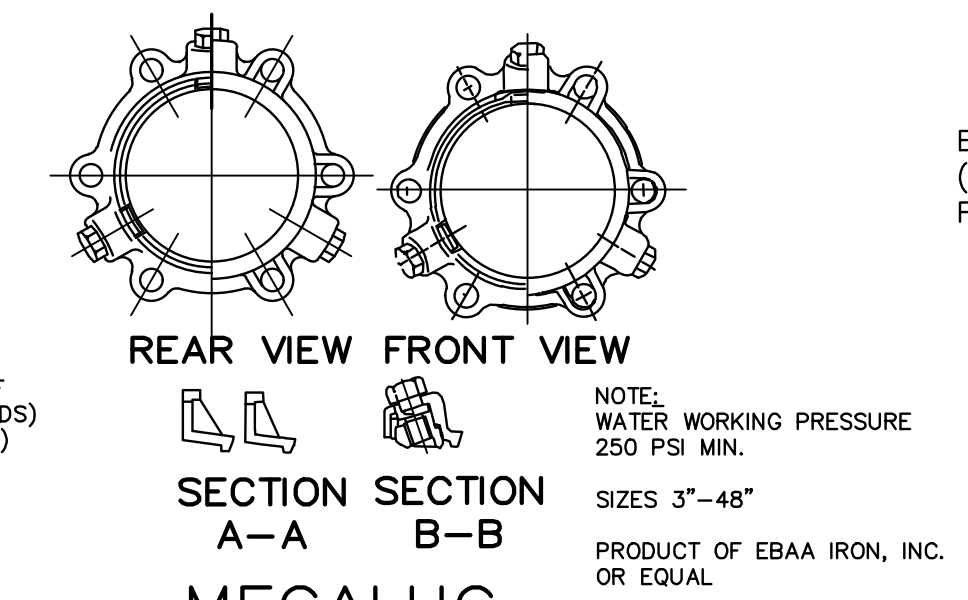
**TYPICAL PVC, D.I. OR POLYETHYLENE WL WITH DETECTABLE TAPE INSTALLATION**  
NOT TO SCALE



**CONCRETE VALVE BOX COLLAR**  
(REQUIRED ON ALL VALVES)  
NOT TO SCALE

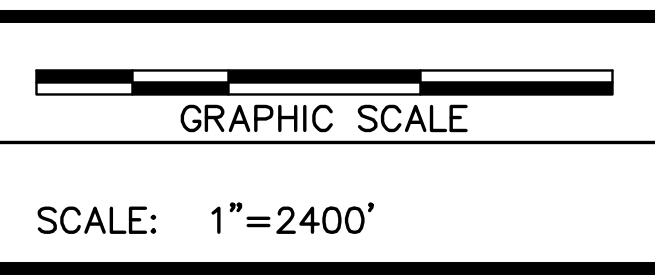


**TYPICAL HIGHWAY BORING CROSSING DETAIL**  
NOT TO SCALE



**MEGALUG JOINT RESTRAINT**  
NOT TO SCALE

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DRAWN	DRH			
CHECKED	KGG			
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**PHASE 1 - ZONE METERING PROJECT**  
**CANNONBURG WATER DISTRICT**  
**CANNONBURG, KENTUCKY**

**ZONE METER DETAIL & MISCELLANEOUS DETAILS**

DIVISION	ALL
CONTRACT NO.	691-19-01
DATE	JULY 2019
SHEET NO.	D1 OF D1