

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC APPLICATION OF ESTILL	)	
COUNTY WATER DISTRICT NO. 1 FOR A	)	CASE NO. 2019-00119
SURCHARGE TO FINANCE WATER LOSS	)	
CONTROL EFFORTS	)	

**VERIFIED MOTION FOR AUTHORIZATION TO EXPEND
SURCHARGE PROCEEDS**

Pursuant to KRS 278.160(2) and 807 KAR 5:001, Section 4, Estill County Water District No. 1 (“Estill District” or “the District”) moves the Public Service Commission (“the Commission”) for authorization to expend a portion of the proceeds of its Water Loss Control Program Surcharge (“Surcharge”) to replace a deteriorating creek crossing. Because of the urgent need to replace the creek crossing, the District requests that the Commission rule on this motion **no later than November 26, 2025.**

In support of its Motion, Estill District states:

1. On August 29, 2019, the Commission authorized Estill District to assess a monthly surcharge of \$3.54 to fund water loss control efforts.¹ Pursuant to the Commission’s Order of August 30, 2024 in Case No. 2023-00371,² the District will cease billing the surcharge on December 31, 2025. As of September 30, 2025, the District’s surcharge account had a balance of \$409,362.92.³

¹ Order of Aug. 29, 2019 at 4. *See also* Order of July 28, 2020 at 2.

² *Electronic Application of Estill County Water District No. 1 For A Rate Adjustment Pursuant To 807 KAR 5:076*, Case No. 2023-00371 (Ky. PSC Aug. 30, 2024), Order at 29.

³ September 2025 Monthly Activity Report.

2. Under the terms of the District's Water Loss Control Program Surcharge Rate Schedule, "Estill District must obtain Commission approval for the use of surcharge proceeds for a specific water loss control activity prior to the expenditure of any surcharge proceeds for such activity."⁴

3. Estill District proposes to use no more than \$40,000 of Surcharge proceeds to replace a creek crossing located in the community of Hargett of Estill County near the intersection of Hargett Road and Kentucky Route 89. This creek crossing was recently washed out, exposing a 6-inch water line. A photograph of the existing water line is attached to this Motion as **Exhibit A**. A break or rupture in existing water line will result in a loss of 11,000 gallons of water per minute and the disruption of water service to 409 customers.

4. Plans for the proposed creek crossing are attached to this Motion as **Exhibit B**.

5. Kentucky Division of Water approval is not required for the creek crossing replacement.

6. The estimated cost of the proposed creek crossing replacement is less than \$40,000. The project engineer's estimate of constructing the replacement is attached to this Motion as **Exhibit C**. The District will invite qualified firms to submit written quotes detailing scope, pricing, and timelines for replacing the creek crossing. The District will award the contract to construct the replacement crossing based upon its evaluation of submitted quotes, which will include consideration of such factors as cost, firm experience, and responsiveness. Because the project cost is less than \$40,000, and the project is urgently needed, formal advertising and sealed bids will not be required.⁵

⁴ Tariff of Estill County Water District No. 1, PSCKY No. 4, First Revised Sheet No. 1.1.

⁵ As the District has not adopted the Local Model Procurement Code (KRS 45A.343-.460), KRS 424.260 governs the District's procurement. KRS 424.260(1) provides that a special district may not enter a contract for goods or

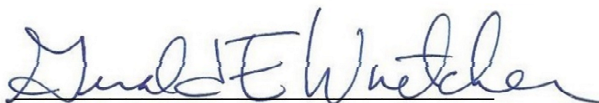
7. Use of Surcharge proceeds for the creek crossing replacement is reasonable and consistent with the Surcharge's purpose.

8. The District must act quickly to replace the existing creek cross. The creek crossing has become more volatile due to recent flooding. Furthermore, failure to complete construction before the onset of freezing weather conditions could adversely affect the temporary water line that is currently in place. Therefore, the District requests that the Commission act upon this Motion no later than **November 26, 2025**.

WHEREFORE, Estill District moves for an Order that authorizes the District's use of Surcharge proceeds to replace the creek crossing near the intersection of Hargett Road and Kentucky Route 89 in Estill County and that such Order be entered no later than **November 26, 2025**.

Dated: November 14, 2025

Respectfully submitted,

A handwritten signature in blue ink, reading "Gerald E. Wuetcher", is written over a horizontal line.

Gerald E. Wuetcher
Stoll Keenon Ogden PLLC
300 West Vine Street, Suite 2100
Lexington, Kentucky 40507-1801
Telephone: (859) 231-3017
Fax: (859) 259-3517
gerald.wuetcher@skofirm.com

Counsel for Estill County Water District No. 1

service involving an expenditure of more than \$40,000 without first making newspaper advertisement for bids. It does not require an advertisement for bids if the expenditure is less than \$40,000.

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, and the Public Service Commission's Order of July 22, 2021 in Case No. 2020-00085, I certify that this document was transmitted to the Public Service Commission on November 14, 2025, and that there is currently no party that the Public Service Commission has excused from participation by electronic means in this proceeding.

Mark F. Wretchen
Counsel for Estill County Water District No. 1

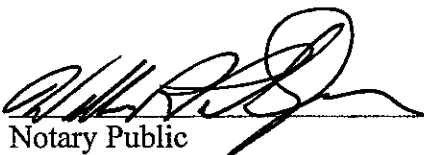
VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF ESTILL)

The undersigned, Audrea Miller, being duly sworn, deposes and states that she is the General Manager of Estill County Water District No. 1 and that she has personal knowledge of the matters set forth in this Motion, and that the statements contained in this Motion are true and correct to the best of her information, knowledge, and belief.


Audrea Miller

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 14th day of November 2025.

 (SEAL)
Notary Public

My Commission Expires: 6/20/26

Notary ID: KYNP 53871

EXHIBITS

EXHIBIT A

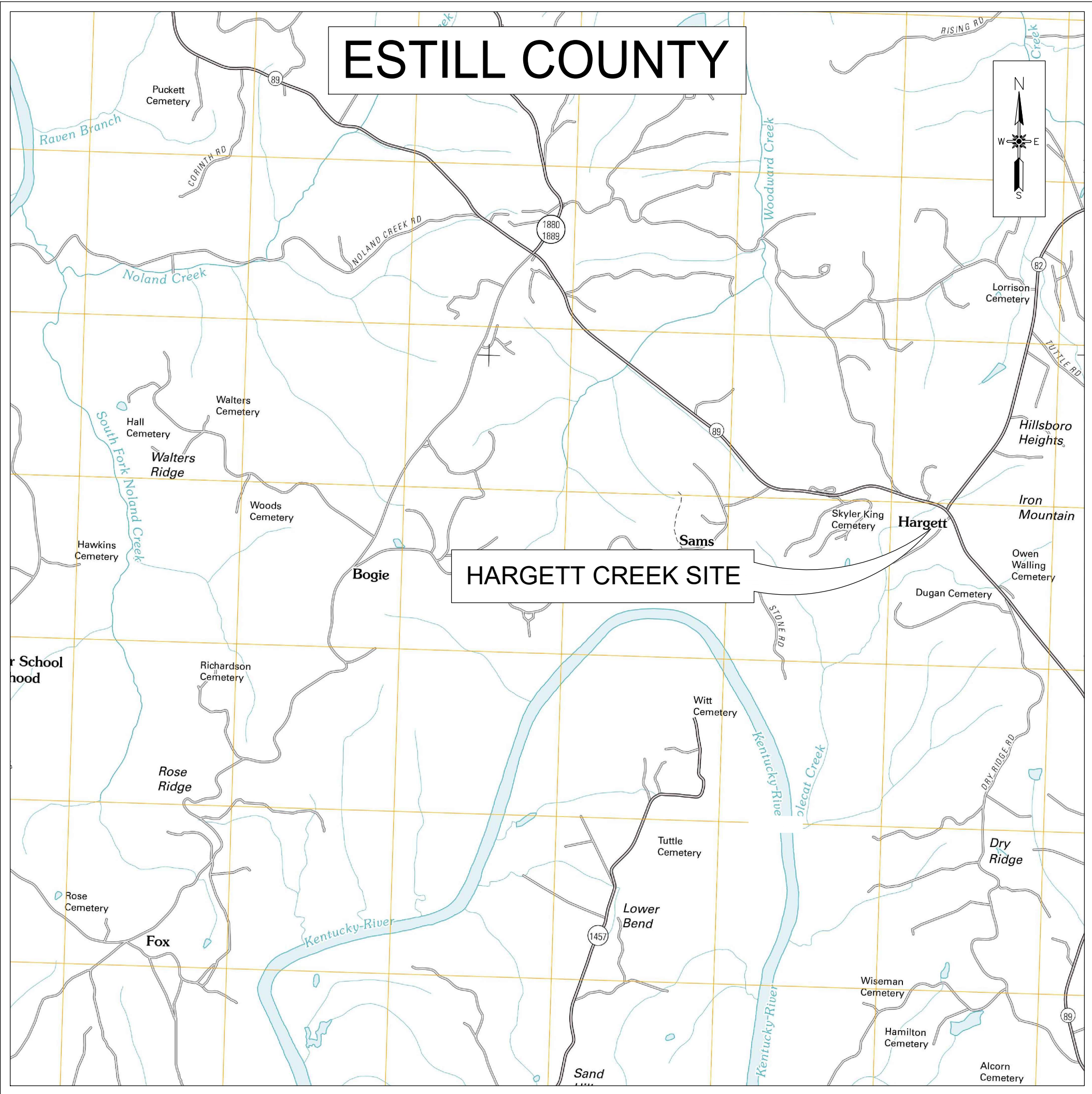


EXHIBIT B

HARGETT CREEK CROSSING WATERLINE REPLACEMENT

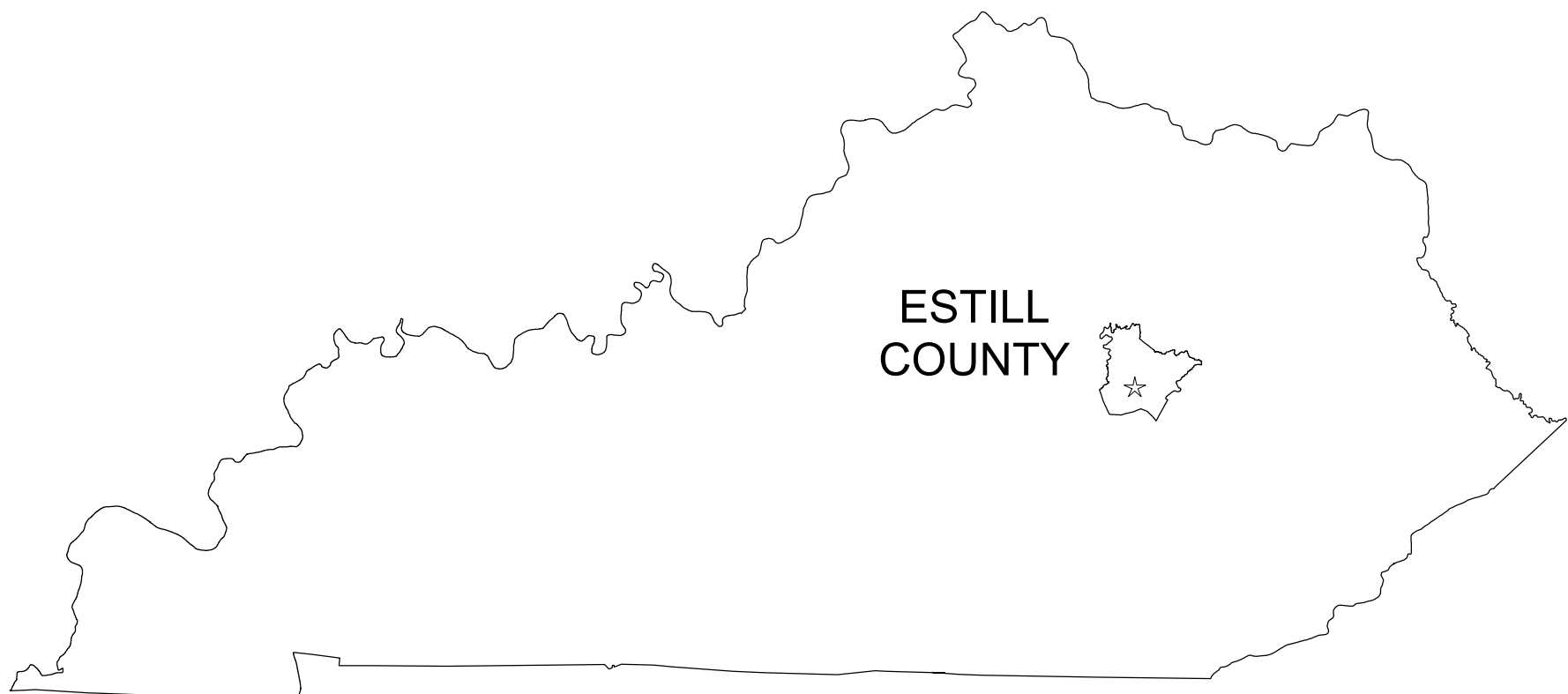
JULY 2025

VICINITY

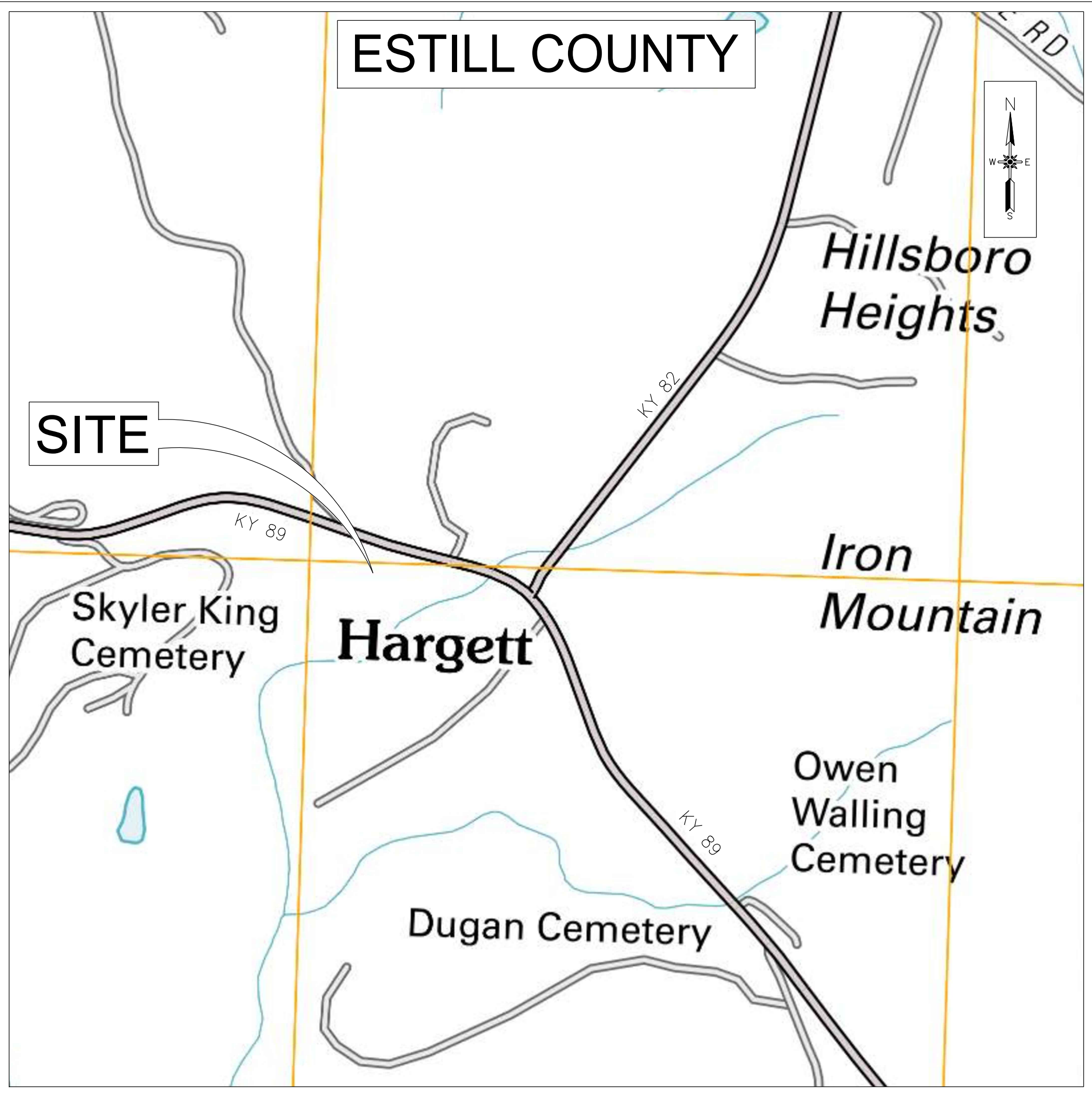


SCALE = 1" = 2000'

Prepared For:
ESTILL COUNTY WATER DISTRICT
76 CEDAR GROVE ROAD
IRVINE, KENTUCKY 40336



VICINITY



SCALE 1" = 500'

INDEX OF DRAWINGS

- 1 COVER - LOCATION & VICINITY MAPS, INDEX OF DRAWINGS
- 2 GENERAL NOTES, ABBREVIATIONS, LEGEND AND UTILITIES
- 3 SITE PLAN AND PROFILE
- 4 STANDARD DETAILS



GENERAL NOTES

1. MINIMUM COVER OVER WATER PIPE SHALL BE 30" UNLESS NOTED OTHERWISE.

2. MINIMUM COVER OVER VALVE NUT TO BE 12". MAXIMUM COVER OVER VALVE NUTS TO BE 48". WHERE VALVES ARE BURIED DEEPER THAN 48", A 3/4" OR 1" SOLID STEEL VALVE OPERATING NUT EXTENSION SHALL BE REQUIRED AND SECURED TO VALVE OPERATING NUT.

3. CONTRACTOR SHALL HAVE THE OWNER'S PERSONNEL ON SITE WHEN DIGGING OVER OR AROUND THE OWNER'S UTILITY LINES. CONTRACTOR SHALL SCHEDULE EXCAVATION WITH RESIDENT OBSERVER.

4. EXACT SIZES, DEPTHS, MATERIALS AND LOCATIONS OF EXISTING UTILITIES ARE UNKNOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF THESE FAR ENOUGH IN ADVANCE OF THE PIPELINE OPERATION SO AS NOT TO CAUSE ANY UNNECESSARY DELAYS. RELOCATION OF EXISTING UTILITIES FOUND TO BE IN DIRECT CONFLICT AND UNAVOIDABLE PER THE ENGINEER'S DISCRETION WITH THIS CONTRACT SHALL BE ACCOMPLISHED BY THE OWNER OF THE UTILITIES INVOLVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES HAVING UTILITIES IN THE AREA PRIOR TO EXCAVATION. CONTINUOUS COMMUNICATIONS ON A DAY TO DAY BASIS WILL BE REQUIRED. THE UTILITY COMPANIES ARE LISTED BELOW.

5. KENTUCKY STATUTES (KRS 367.4901 THRU 367.4917) REQUIRE THAT ALL EXCAVATORS PLANNING EXCAVATION OR DEMOLITION WORK SHALL CALL ALL UTILITY COMPANIES IN THE AREA AND AN UNDERGROUND PROTECTION SERVICE SUCH AS "BUD" (1-800-752-6007) AT LEAST TWO (2) WORKING DAYS BEFORE COMMENCING WORK TO NOTIFY UTILITY COMPANIES IN THE AREA WITH UNDERGROUND UTILITIES OF THE PLANNED EXCAVATION OR DEMOLITION ACTIVITIES.
6. FITTINGS SHALL BE RESTRAINED JOINT (RJ) WHERE NOTED ON PLANS UNLESS NOTED OTHERWISE.

7. WHEREVER POSSIBLE, FIRE HYDRANTS SHALL BE LOCATED FOR MINIMUM DEPTH OF BURY. EXTENSIONS SHALL BE REQUIRED FOR DEEPER INSTALLATIONS.

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

9. CONTRACTOR SHALL INVENTORY REQUIRED MATERIALS, TRENCH DEWATERING EQUIPMENT, AND ASSEMBLE IF NECESSARY ALL REQUIRED FITTINGS PRIOR TO OUT-INS SO TO ENSURE MINIMUM DOWN TIME FOR CONNECTION.

10. SURFACE DRAINAGE SHALL BE MAINTAINED ON A DAY-BY-DAY BASIS.

11. THE CONTRACTOR WILL BE REQUIRED TO DISPOSE OF ALL EXCESS EXCAVATED MATERIAL FROM WATER LINE AND SERVICE LINE CONSTRUCTION THAT IS NOT PERMITTED TO BE BACKFILLED OVER THE PIPE.

12. EXACT SIZES, DEPTHS, MATERIALS AND LOCATIONS OF OTHER UTILITIES SUCH AS SEWER SERVICES AND BRANCH SEWERS ARE UNKNOWN. THE CONTRACTOR SHALL ACCURATELY DETERMINE THESE AHEAD OF HIS/HER TRENCHING OPERATION, SO AS TO AVOID DELAYING THE PIPE LAYING PROGRESS. THE PROPOSED WATERLINE SHALL BE CONSTRUCTED SUCH THAT THE MINIMUM DISTANCE OVER OR UNDER THE OUTSIDE DIAMETER TO THE OUTSIDE DIAMETER OF ANY EXISTING UTILITY IS A MINIMUM OF 6 INCHES. FOR SEWER CROSSINGS THIS MINIMUM DISTANCE SHALL BE 18 INCHES.
13. EXCAVATION IN ALL STREETS, DRIVEWAYS AND PAVED PARKING AREAS SHALL BE BACKFILLED PER THE SPECIFIED TOP OF TRENCH SURFACE.

14. ALL ROCKS, EARTH CLODS AND OTHER LARGE MATERIAL SHALL BE REMOVED FROM THE TRENCH BOTTOM PRIOR TO PLACEMENT OF THE BEDDING.

15. ALL CULVERTS AND CROSS DRAINS AT STREETS, DRIVES AND ENTRANCES NEAR THE WORK AREA SHALL BE PROTECTED. IF IN THE PATH OF THE WORK, THE RESIDENT OBSERVER SHALL BE NOTIFIED, AND THE CONTRACTOR SHALL AVOID THESE UTILITIES WITH ADDITIONAL FITTINGS IF NECESSARY.

16. ELEVATIONS SHOWN ARE BASED ON USGS CONTOURING AND/OR OBTAINED ELEVATIONS ON NAVD 88.

17. PROPERTY LINES, IF SHOWN, ARE APPROXIMATE. PROPERTY INFORMATION WAS TAKEN FROM THE COUNTY PVA MAPS AND SHALL NOT BE CONSIDERED A TRUE BOUNDARY.

18. EXCAVATION IS UNCLASSIFIED; NO SEPARATE PAYMENT SHALL BE MADE FOR ROCK REMOVAL.

19. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS ACCESS TO ALL COMMERCIAL ESTABLISHMENTS AND RESIDENTIAL DWELLINGS.

20. BENCHMARKS/CONTROL POINTS ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL USE THESE POINTS FOR LAYOUT OF THE PROPOSED WORK.

21. ELEVATIONS SHOWN ARE BASED ON FEET ABOVE MEAN SEA LEVEL FROM THE U.S. GEOLOGICAL SURVEY. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DIFFERENCES IN FIELD CONDITIONS AND THE MAPPING.

22. NO SEPARATE PAY ITEM HAS BEEN ESTABLISHED FOR FITTINGS AND NO DETERMINATION OF THE NUMBER OF FITTINGS REQUIRED ON THE JOB HAS BEEN MADE. THE CONTRACTOR, DURING THE BIDDING PHASE, SHALL DETERMINE THE NUMBER OF FITTINGS REQUIRED ON THE JOB AND INCLUDE THE COST OF THE FITTINGS AND INSTALLATION IN THE CONTRACT UNIT PRICE PER LF OF PIPE.
23. SILT CHECKS/FENCES SHALL BE PROVIDED TO PREVENT SEDIMENT RUNOFF FROM ENTERING DRAINAGE SYSTEMS. SILT CHECKS SHALL BE INSTALLED PER SPECS.

24. CONTRACTOR SHALL REPAIR OR REPLACE AREAS OF ROADS AND DRIVEWAYS DAMAGED DURING CONSTRUCTION.

25. EXISTING SANITARY SEWER LATERALS, IN GENERAL, CONNECT TO THE TRUNK SYSTEM PERPENDICULARLY FROM EACH HOUSE OR BUSINESS INTO THE STREET. THE EXACT LOCATION OF THE LATERALS ARE NOT KNOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO AVOID THESE LATERALS BY EXCAVATING FAR ENOUGH IN ADVANCE TO MOVE THE WATERLINE UP OR DOWN TO AVOID THE CONFLICT. ANY DAMAGE TO AN EXISTING SANITARY SEWER LATERAL SHALL BE PAID FOR AT THE CONTRACTORS EXPENSE.

26. ALL NON--PAVED DISTURBED AREAS SHALL BE REVEGETATED AFTER WORK IN THE IMMEDIATE VICINITY HAS BEEN COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS. REVEGETATION SHALL BE COMPLETED NO LATER THAN TWO (2) WEEKS FOLLOWING COMPLETION OF WORK IN THE IMMEDIATE VICINITY.

27. ANY ADJUSTMENT OR RELOCATIONS OF EXISTING UTILITIES, OUTSIDE THE SCOPE OF THIS WORK SHALL BE PERFORMED BY OTHERS. THE CONTRACTOR SHALL TAKE SPECIAL CARE TO PROTECT EXISTING UTILITIES TO THE MAXIMUM EXTENT PRACTICABLE. THE CONTRACTOR SHALL COORDINATE WORK WITH THE OWNER TO MINIMIZE DISRUPTION OF EXISTING SERVICES. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER 2 DAYS IN ADVANCE OF ANY WORK WHICH REQUIRES EXISTING UTILITIES TO BE TAKEN OUT OF SERVICE.

28. MUD, SEDIMENT, AND OTHER CONSTRUCTION DEBRIS TRACKED FROM ACTIVE CONSTRUCTION AREAS ONTO ROADWAYS ARE TO BE SWEEPED FROM THE ROADWAY AT THE END OF EACH WORK DAY.

29. UNLESS NOTED OTHERWISE, CONTRACTOR SHALL REPLACE ALL DAMAGED SIDEWALKS PER THE DETAIL SHOWN.

30. ALL PROPOSED WATER LINES SHALL BE INSTALLED A MINIMUM HORIZONTAL DISTANCE OF 10 FEET AND MINIMUM VERTICAL DISTANCE OF 18 INCHES FROM EXISTING OR PROPOSED SANITARY SEWER LINES.

ABBREVIATIONS

AV	AIR/VACUUM VALVE	MH	MANHOLE
B	BOTTOM	MAX.	MAXIMUM
C.I.	CAST IRON	M.J.	MECHANICAL JOINT
C	CENTERLINE	MIN.	MINIMUM
CMP	CORRUGATED METAL PIPE	OC	OPEN CUT
CO	CLEAN OUT	O.D.	OUTSIDE DIAMETER
CONC.	CONCRETE	P.E.	POLYETHYLENE
CONST.	CONSTRUCT	PROP.	PROPOSED
CPP	CORRUGATED PLASTIC PIPE	PV	PLUG VALVE
D	DRAIN	PVC	POLYVINYL CHLORIDE
DB	DIRECTIONAL BORE	RCP	REINFORCED CONC. PIPE
DIA, Ø	DIAMETER	REINF.	REINFORCE(D)
D.I.	DUCTILE IRON	REQ.	REQUIRED
D.I.P.	DUCTILE IRON PIPE	R.J.	RESTRAINT JOINT
DIST.	DISTURBED	RW	RAW WATER
EL., ELEV.	ELEVATION	SCHED.	SCHEDULE
EOP	EDGE OF PAVEMENT	S.S.	SANITARY SEWER
EX., EXIST.	EXISTING	ST	SEPTIC TANK
FH	FIRE HYDRANT	STL	STEEL
FLH	FLUSHING HYDRANT	T	TOP
FM	FORCE MAIN	T.B.A.	TO BE ABANDONED
F.V.	FIELD VERIFY	T.B.R.	TO BE REMOVED
FC	FLUSHING CONNECTION	T.R.	TO REMAIN
GAL.	GALLON	TS & V	TAPPING SLEEVE AND VALVE
GALV	GALVANIZED	TYP.	TYPICAL
GL	GAS LINE	U.N.O.	UNLESS NOTED OTHERWISE
GM	GAS METER	VCP	VITRIFIED CLAY PIPE
GS	GAS SERVICE LINE	VERT.	VERTICAL
GV	GATE VALVE	VV	VALVE VAULT
HDPE	HIGH-DENSITY POLYETHYLENE	W	WATER LINE
I.E.	INVERT ELEVATION	WLM	WATER LINE MARKER
INV.	INVERT	WM	WATER METER
KDOH	KENTUCKY DEPARTMENT OF HIGHWAYS	WS	WATER SERVICE LINE
LA	LATERAL ASSEMBLY	UE	UNDERGROUND ELECTRIC
		DB	DIRECTIONAL BORE

LEGEND

EXISTING FEATURES

---	EX. PROPERTY LINES
UGS	EX. UNDERGROUND ELECTRIC LINE
UGT	EX. UNDERGROUND TELEPHONE LINE
GAS	EX. GAS LINE
W	EX. WATERLINE
U	EX. GUARDRAIL
	EX. ROAD
SS	EX. GRAVITY SEWER
FM	EX. SANITARY SEWER FORCE MAIN
	EX. STORM SEWER PIPE
X	EX. FENCE
	EX. INTERMEDIATE CONTOUR
-500-	EX. INDEX CONTOUR
	EX. STREAM

⚠	BENCHMARK/CONTROL POINT
⊙	EX. SANITARY SEWER MANHOLE
⊙	EX. SANITARY SEWER CLEANOUT
⌄	EX. HEADWALL
⌄	EX. TREES
■	EX. POWER POLE
→	EX. GUY WIRE
⊙	EX. GAS METER
GV	EX. GAS VALVE
⊙WM	EX. WATER METER
⊙WV	EX. WATER VALVE
⊙	EX. FIRE HYDRANT

PROPOSED FEATURES

---	PROP. WATERLINE
---	PROP. GRAVITY SEWER
---	PROP. SANITARY SEWER FORCE MAIN
---	PROP. STORM SEWER PIPE
X	PROP. FENCE
---	PROP. INTERMEDIATE CONTOUR
-500-	PROP. INDEX CONTOUR
⊙	PROP. SANITARY SEWER MANHOLE
⊙	PROP. WATER METER
⌄	PROP. WATER VALVE
⊙ FH	PROP. FIRE HYDRANT
⌄	PROP. REDUCER
⌄	PROP. LINE CAP

UTILITIES

TELEPHONE :
WINDSTREAM COMMUNICATIONS

FIBER OPTIC :
WINDSTREAM COMMUNICATIONS
PHONE (606) XXX-XXXX

CABLE :
IRVINE COMMUNITY TELEVISION, INC.
251 BROADWAY
IRVINE, KY
PHONE (606)723-4240

POWER :
JACKSON ENERGY
115 JACKSON CEMETERY ROAD
IRVINE, KY 40336
PHONE (606)-723-0311

POWER :
KENTUCKY UTILITIES
1 QUALITY STREET
LEXINGTON, KY 40507
PHONE (800)-981-0600

POWER :
CLARK ENERGY COOPERATIVE
2640 IRONWORKS RD
WINCHESTER, KY 40391
PHONE (659) 744 4251

GAS :
COLUMBIA GAS OF KENTUCKY
2001 MERCER ROAD
LEXINGTON, KY 40511
CEO KIMERA COLE
PHONE (800) 432-9345

WATER :
ESTILL COUNTY WATER DISTRICT
76 CEDAR GROVE ROAD
IRVINE, KY 40336
AUDREA MILLER (GENERAL MANAGER)
PHONE (606)723-3795

SANITARY SEWER :



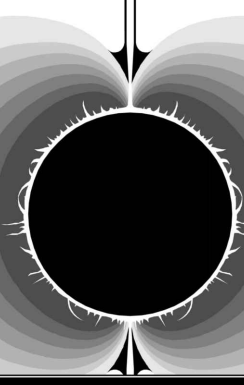
GENERAL NOTES, ABBREVIATIONS,
LEGEND AND UTILITIES
HARGETT CREEK CROSSING
WATERLINE REPLACEMENT

SHEET NUMBER:
2

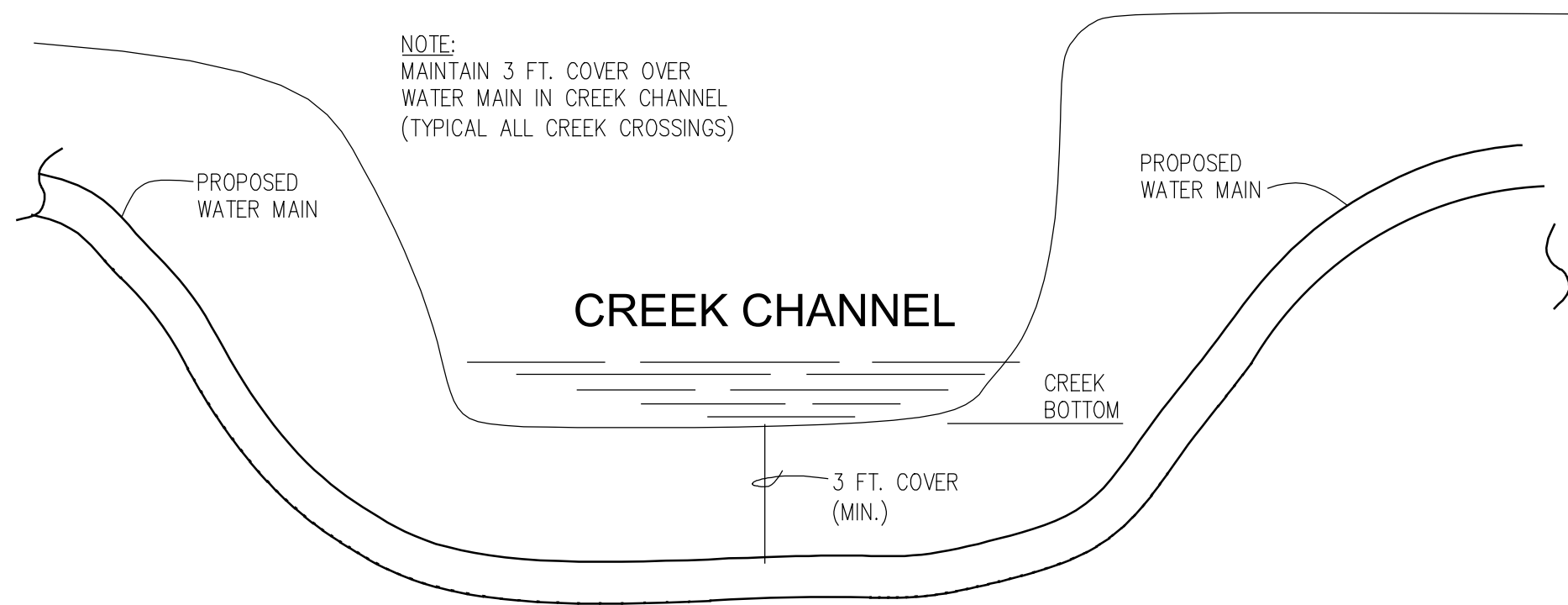
ESTILL COUNTY
WATER DISTRICT
76 CEDAR GROVE ROAD
IRVINE, KENTUCKY

SCALE:	N/A	REVISION:	BY:	DATE:
DESIGNED BY:	ARR			
DRAWN BY:	WBD			
CHECKED BY:	ARR			
PROJECT NO:	25010			
DATE:	JULY 2025			
CAD DWG ID:	JOB 2010 HARGETT CR WL			

ECLIPSE ENGINEERS, PLLC

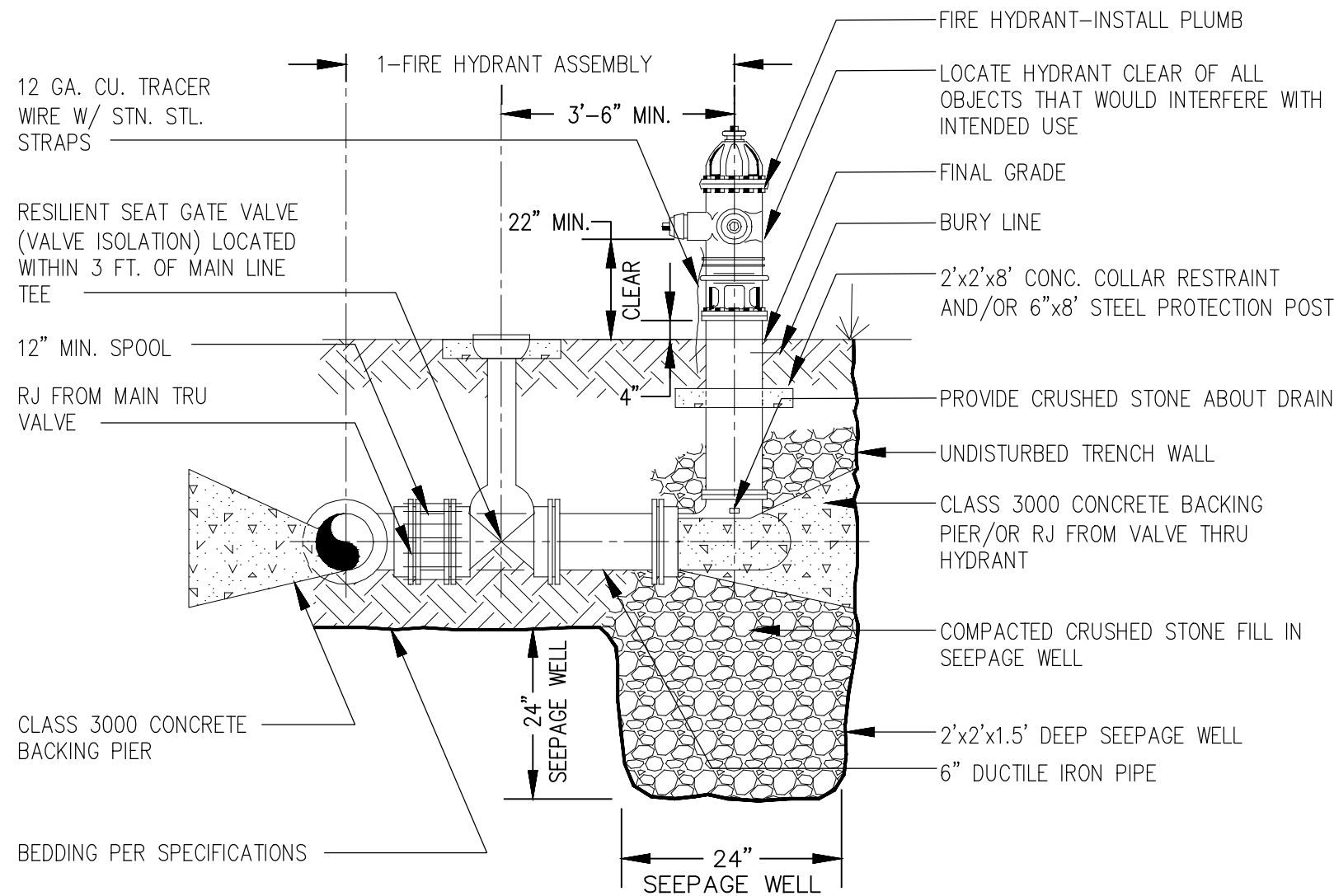


113 WEST MT. VERNON STREET
SOMERSET, KENTUCKY 40501
PHONE 606-451-0899



HORIZONTAL DIRECTION DRILL CROSSING DETAIL
NOT TO SCALE

NOTES: TYPICAL ALL CREEK CROSSINGS
VERTICAL BENDS MAY BE REQUIRED AT CREEK CROSSINGS. CONTRACTOR TO INSTALL WATER MAIN EXTRA DEPTH, AS NECESSARY TO FIT CREEK CHANNEL. DURING THE CONSTRUCTION OF THE CROSSING, NO MATERIAL MY BE PLACED IN THE STREAM OR IN THE FLOOD PLAIN OF THE STREAM TO FORM CONSTRUCTION PADS, COFFER DAMS, ACCESS ROADS, ETC. THE TRENCH SHALL BE BACKFILLED AS CLOSELY AS POSSIBLE TO THE ORIGINAL CONTOUR. ALL EXCESS MATERIAL FROM THE CONSTRUCTION OF THE TRENCH SHALL BE DISPOSED OF OUTSIDE THE FLOOD PLAIN. FOR SUBFLUMAL CROSSINGS OF ERODIBLE CHANNELS, THERE SHALL BE AT LEAST THIRTY (30) INCHES CLEAR TO THE TOP OF THE PIPE OR CONDUIT AT ALL POINTS. FOR SUBFLUMAL CROSSINGS OF NONERODIBLE CHANNELS, THERE SHALL BE AT LEAST SIX (6) INCHES OF CLEAR COVER ABOVE THE TOP OF THE PIPE OR CONDUIT AT ALL POINTS, AND THE PIPE OR CONDUIT SHALL BE ENCASED ON ALL SIDES BY AT LEAST SIX (6) INCHES OF CONCRETE. THE WEIGHT OF A PIPE AND ITS CONTENTS DURING NORMAL OPERATING CONDITIONS AT ALL POINTS MUST EXCEED THAT OF AN EQUAL VOLUME OF WATER.

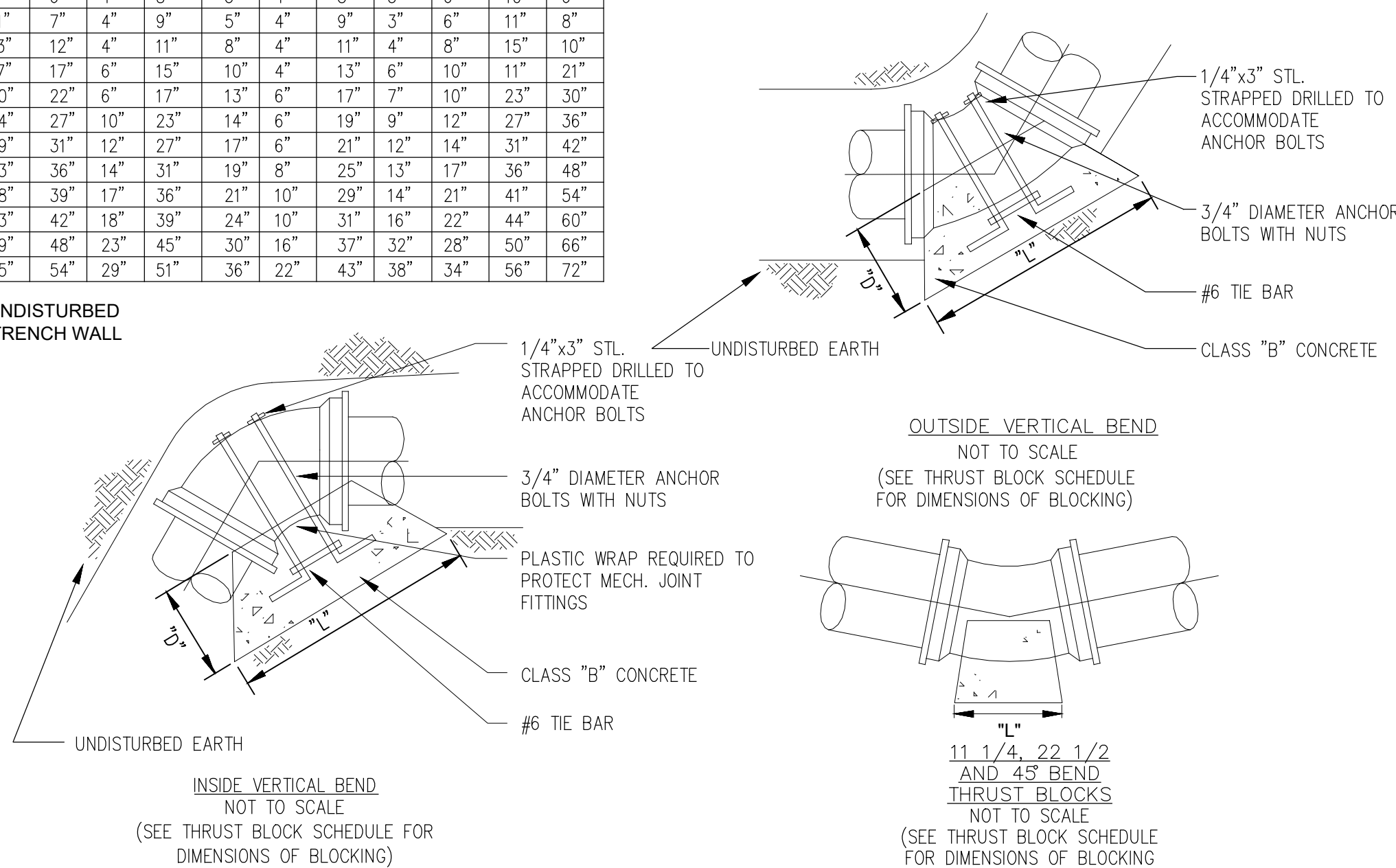


FIRE HYDRANT SETTING
NOT TO SCALE

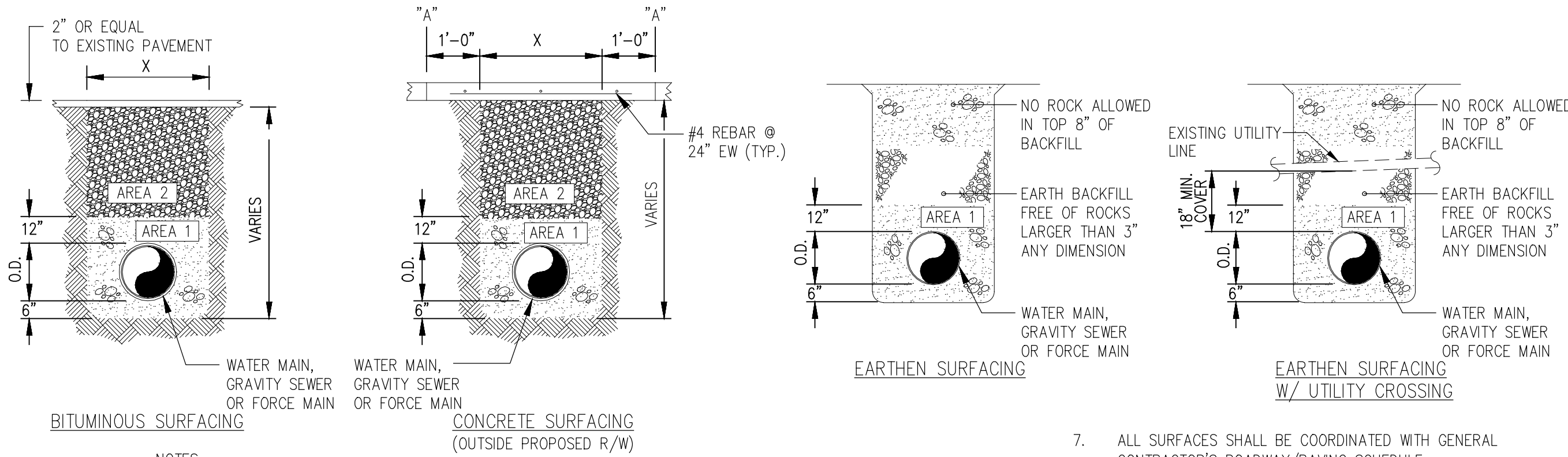
THRUST BLOCK SCHEDULE

SIZE	90° BEND			45° BEND			22 1/2° BEND			11 1/4° BEND			TEE & END MAIN		
	D	W	L	D	W	L	D	W	L	D	W	L	D	W	L
2"	6"	10"	4"	4"	7"	3"	4"	7"	3"	4"	7"	3"	6"	10"	4"
3"	6"	10"	8"	4"	8"	6"	4"	8"	6"	4"	8"	6"	6"	10"	6"
4"	6"	11"	9"	6"	11"	7"	4"	9"	5"	4"	9"	3"	6"	11"	8"
6"	8"	15"	13"	6"	13"	12"	4"	11"	8"	4"	11"	4"	8"	15"	10"
8"	10"	21"	19"	8"	17"	17"	6"	15"	10"	4"	13"	6"	10"	11"	21"
10"	10"	23"	29"	8"	20"	22"	6"	17"	13"	6"	17"	7"	10"	23"	30"
12"	12"	27"	31"	10"	24"	27"	10"	23"	14"	6"	19"	9"	12"	27"	36"
14"	14"	31"	38"	13"	29"	31"	12"	27"	17"	6"	21"	12"	14"	31"	42"
16"	15"	34"	44"	15"	33"	36"	14"	31"	19"	8"	25"	13"	17"	36"	48"
18"	21"	42"	45"	18"	38"	39"	17"	36"	21"	10"	29"	14"	21"	41"	54"
20"	22"	45"	53"	21"	43"	42"	18"	39"	24"	10"	31"	16"	22"	44"	60"
24"	28"	51"	59"	27"	49"	48"	23"	45"	30"	16"	37"	32"	28"	50"	66"
30"	34"	57"	65"	33"	55"	54"	29"	51"	36"	22"	43"	38"	34"	56"	72"

W = WIDTH OF CONCRETE FROM UNDISTURBED TRENCH WALL TO UNDISTURBED TRENCH WALL



THRUST BLOCKING
NOT TO SCALE



NOTES:

- AREA 1 MATERIAL: WATER MAIN, GRAVITY SEWER AND FORCE MAIN = NO. 9 CRUSHED STONE.
- AREA 2 = NO. 9 CRUSHED STONE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE TRENCH SURFACE IN A CONDITION SUITABLE FOR VEHICULAR TRAFFIC.
- REPLACE BITUMINOUS PAVEMENT WITH SAME TYPE AND THICKNESS (2" MIN.) AS EXISTING PAVEMENT.
- IF ROCK IS ENCOUNTERED, A MINIMUM OF 6" NO. 9 CRUSHED STONE MUST BE PLACED UNDER THE ENCASEMENT PIPE (IF OPEN CUT).
- X = MAX. WIDTH OF TRENCH AT SURFACE UNDER NORMAL CONDITIONS (2' + PIPE O.D.).
- FROM POINTS "A" TO NEAREST JOINT OR BREAK IN PAVEMENT MUST BE AT LEAST SIX (6) FEET OR MORE, IF LESS THAN SIX (6) FEET REMOVE PAVEMENT TO JOINT OR BREAK AND REPLACE ENTIRE SLAB.

PIPE BEDDING AND BACKFILLING
NOT TO SCALE



EXHIBIT C

Estill County Water District No. 1 has petitioned for confidential treatment of this exhibit.