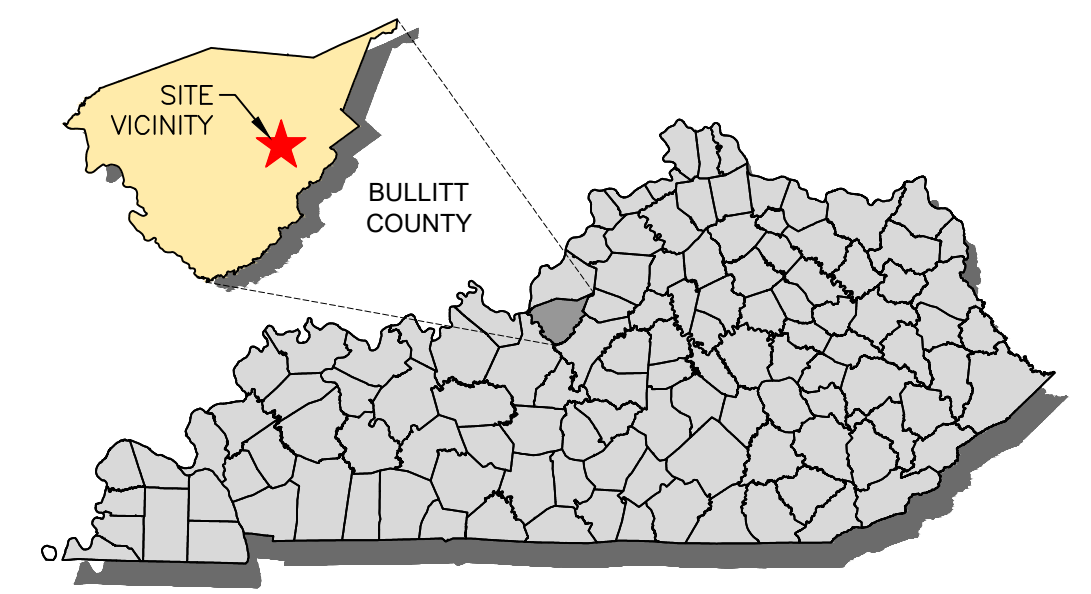
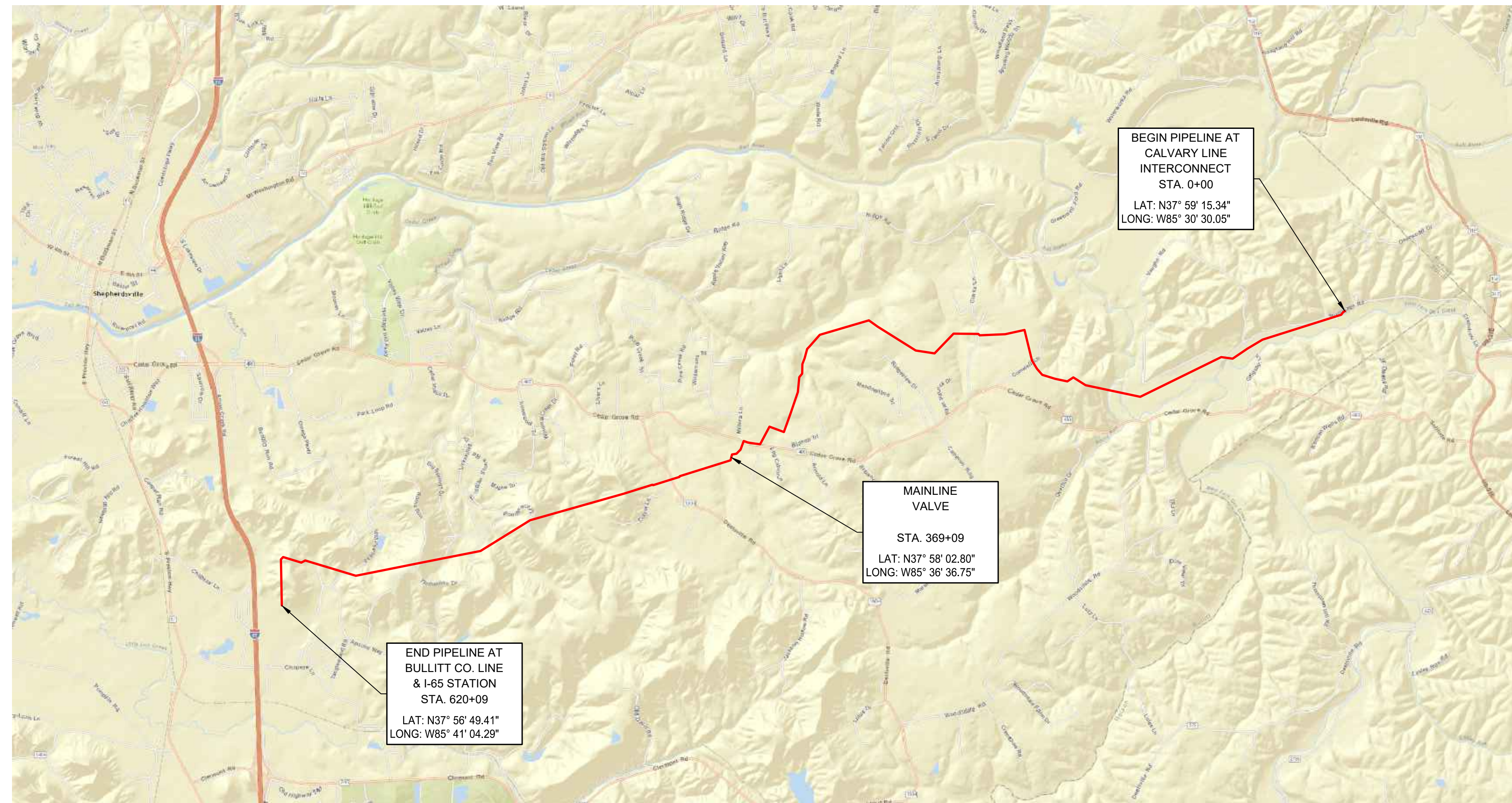




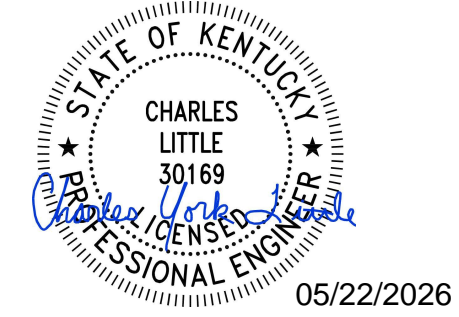
a PPL company

LOUISVILLE GAS & ELECTRIC

12" BULLITT COUNTY PIPELINE PROJECT BULLITT COUNTY, KENTUCKY



LOCATION MAP



AS-BUILT NOTES:

- BEND ANGLES ARE DENOTED BY EITHER A DEGREE SYMBOL (°) OR AN ASTERISK (*).
- ITEM NUMBERS STARTING WITH "P" INDICATE A PIPE JOINT AND FIELD BEND, WHILE THOSE STARTING WITH "F" INDICATE A WELD FITTING.
- PIPE BEND AND FITTING INFORMATION PROVIDED BY LG&E.

ISSUED FOR CONSTRUCTION

NO.	DATE	BY	DATE	BY	DESCRIPTION	ENGR.	DATE	BY
0	11/27/24	BT			ISSUED FOR CONSTRUCTION	BT	11/27/24	DO
REVISIONS								



28100 TORCH PARKWAY
WARRENVILLE, IL 60555
TEL. 630.353.4000
FAX 630.353.7777
WWW.ENENGINEERING.COM

DWG NUMBER	TITLE
	REFERENCE DRAWINGS



a PPL company

ISSUED FOR BID	PROJECT I.D.
ISSUED FOR CONSTRUCTION	DRAWING SIZE D

12" BULLITT COUNTY PIPELINE

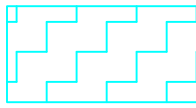
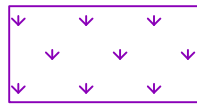


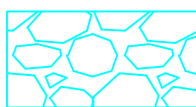


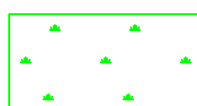
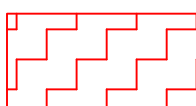
COVER PAGE/LOCATION MAP

DRAWN	BK	CHK. BY:	ELW	SCALE	NONE	DATE	05/03/17
PROJECT ENGR. /	ELW	PROJECT MGR.	MDW	LGE-BC-COV			
				1 OF 114			




























CONTRACTOR GENERAL NOTES:

- CONTRACTOR SHALL FOLLOW ALL LG&E COMPANY STANDARDS THROUGHOUT PROJECT INSTALLATION.
- LG&E SHALL APPROVE ANY DEVIATIONS FROM THE CONSTRUCTION DRAWINGS PRIOR TO INSTALLATION.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5'-0" OF COVER OVER BURIED PIPE AND 3'-6" WHERE ROCK IS ENCOUNTERED, UNLESS SPECIFIED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UTILITIES (PUBLIC AND PRIVATE LINES) INCLUDING, BUT NOT LIMITED TO, DRAIN TILES, WATER LINES, FIBER OPTIC LINES, FOREIGN PIPELINES, PRIOR TO STARTING ANY EXCAVATION. UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. CONTRACTOR SHALL CALL 811 AND LOCAL AGENCIES PRIOR TO CONSTRUCTION FOR ALL UTILITY LOCATIONS.
- CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING NEAR EXISTING STRUCTURES AND WORKING NEAR OVERHEAD POWERLINES.
- CONTRACTOR SHALL REMOVE RETIRED PIPE AND CONSTRUCTION DEBRIS, ETC. ANY RETIRED PIPE THAT MUST BE REMOVED FROM THE SITE SHALL HAVE THE ENDS COVERED WITH PLASTIC OR SIMILAR MATERIAL AND HAULED TO LG&E SPECIFIED LOCATION.
- CONTRACTOR SHALL MAINTAIN 5 FOOT OF COVER OVER PIPELINE, EVEN IF ROCK IS ENCOUNTERED, ON THE COUCH PROPERTY (TRACT BC-03).
- CONTRACTOR SHALL REMOVE EXISTING FENCING AS NECESSARY TO ALLOW FOR ADEQUATE WORKSPACE DURING CONSTRUCTION. REPLACEMENT OF LANDOWNER FENCING SHALL BE BY CONTRACTOR. NEW FACILITY FENCING PROVIDED BY OTHERS AND CONTRACTED BY LG&E.
- CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS IN THE FIELD PRIOR TO START OF WORK. CONTRACTOR SHALL CONFIRM MEASUREMENTS ON ALL PIPING ENCOUNTERED BELOW GRADE AND SHALL RECORD ALL DIMENSIONS, IF DIFFERENT THAN SHOWN.
- CONTRACTOR SHALL STAY WITHIN LG&E PROPERTY AND IDENTIFIED APPROVED ACCESS ROUTES, UNLESS SPECIFICALLY INSTRUCTED BY A LG&E REPRESENTATIVE OR IF CONTRACTOR MAKES PRIOR ARRANGEMENTS WITH RESPECTIVE LANDOWNERS.
- CP CONTROL BOX, GROUND BED, AND TEST STATIONS SHALL BE INSTALLED AT LOCATIONS DESIGNATED ON THE ALIGNMENT SHEETS AND PER CATHODIC PROTECTION DRAWINGS.
- ROCK CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT LOCATIONS DESIGNATED ON THE ALIGNMENT SHEETS PER EXHIBIT-08 IN SWPPP AND COUNTY OR STATE PERMITS.
- CONTRACTOR SHALL USE CAUTION WHEN NAVIGATING TIGHT CORNER ON RIDGEVIEW DR. CONTRACTOR SHALL COMMUNICATE WITH LANDOWNER WHEN NECESSARY AND IS RESPONSIBLE FOR REPAIRING DAMAGES THAT MAY OCCUR.
- CONTRACTOR SHALL USE CAUTION NEAR 6" WATER MAIN CROSSING ON ELWELL PROPERTY. THE LOUISVILLE WATER COMPANY SHALL BE CONTACTED 24 HOURS PRIOR TO START OF CONSTRUCTION VIA EMAIL TO BOTH DANIEL TEGENE (dtgegen@lwcky.com) AND JIM GRUNOW (jgrunow@lwcky.com). LOUISVILLE WATER COMPANY WILL HAVE AN INSPECTOR PRESENT ON SITE DURING THE CONSTRUCTION OF THE PIPELINE THROUGH THE WATER COMPANY'S EASEMENT. CONTRACTOR SHALL OBSERVE A MINIMUM EIGHTEEN (18") INCH VERTICAL AND FIVE (5") FEET HORIZONTAL CLEARANCE BETWEEN THE PROPOSED GAS PIPELINE AND THE EXISTING WATER MAIN.
- CONTRACTOR SHALL USE CAUTION DURING EXCAVATION AND INSTALLATION OF PIPELINE UNDER SEPTIC TANK OUTLET ON BURNETT PROPERTY. CONTRACTOR SHALL INSTALL AN AIR BRIDGE TO PROTECT SEPTIC LINES/FIELDS. CONTRACTOR SHALL NOT STORE SPOILS OVER SEPTIC LINES/FIELDS.
- CONTRACTOR SHALL USE CAUTION AND USE SPOTTERS WHEN CROSSING UNDER LOW OVERHEAD WIRES WITH CONSTRUCTION EQUIPMENT. IF REQUIRED, CONTRACTOR IS RESPONSIBLE FOR CONTACTING POWER DISTRIBUTION COMPANY (AND/OR TELEPHONE COMPANY) TO DE-ENERGIZE OR LIFT LINE.
- CONTRACTOR SHALL USE MATTING OVER CURTAIN DRAIN OF THOMPSON PROPERTY SEPTIC SYSTEM DURING CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL INSTALL CONCRETE SET-ON WEIGHTS ON THE PIPELINE, 10' FROM THE APPROX. CENTERLINE OF THE STREAM ON BOTH SIDES, ONLY AT STREAMS INDICATED ON THE ALIGNMENT SHEETS WORKSPACE BAND.
- CONTRACTOR SHALL INSTALL GEOTEXTILE PIPELINE WEIGHTS, EVERY 25' ON CENTER FROM APPROX. STA. 0+00 TO 112+00 AND STA. 368+50 TO 371+90. IF STREAMS EXIST IN THESE LOCATIONS INDICATED IN NOTE 18, SPACING SHALL BE ADJUSTED ACCORDINGLY.
- NOT APPLICABLE.
- CONTRACTOR SHALL USE ACCESS ROAD TEMPORARILY DURING CONSTRUCTION. USE OF GRAVEL DURING THIS TIME IS OPTIONAL. CONTRACTOR SHALL INSTALL TEMPORARY STREAM CROSSING USING WOOD MATTING OR APPROVED EQUIVALENT METHOD, PER EXHIBIT-16 IN SWPPP. THE PERMANENT ACCESS ROAD FOR MAINTENANCE AND PERMANENT STREAM CROSSING, AS SHOWN IN DWG.'S LGE-BC-60-E2 TO LGE-BC-60-E4, IS NOT RATED FOR HEAVY EQUIPMENT DURING CONSTRUCTION.
- CONTRACTOR SHALL NOTIFY LG&E IF ARTIFACTS (EX. ARROWHEADS, STONEWARE, HEAD STONES ETC.) ARE DISCOVERED ON ANY PROPERTY.
- CONTRACTOR SHALL AVOID DAMAGE TO STONE WALL LOCATED ON SPENCER PROPERTY (TRACT NO. BC-09) NEAR VAUGHN ROAD CROSSING.
- CONTRACTOR SHALL READ, BE AWARE OF, AND RESPONSIBLE FOR ALL LAND OWNER SPECIAL CONDITIONS LISTED ON DWG.'S LGE-BC-GEN2 & LGE-BC-GEN3.
- CONTRACTOR SHALL LIMIT USE OF ACCESS ROAD (TAR-15) OFF CLARKS LANE TO "LIGHT DUTY" VEHICULAR TRAFFIC. NO CONSTRUCTION EQUIPMENT IS ALLOWED.
- CONTRACTOR SHALL INSTALL SURVEY MONUMENTS AT 50' INTERVALS AS SHOWN ON LGE-BC-RM-G10. BRONZE SURVEY MARKERS TO BE PROVIDED BY LG&E. CONTRACTOR SHALL INSTALL/EMBED EACH SURVEY MARKER IN 6" ROUND SONOTUBE. CONCRETE SONOTUBE SHALL BE TERMINATED 8" BELOW GRADE AND 1" ABOVE GRADE. CONTRACTOR SHALL INSTALL RE-BAR IN CONCRETE SONOTUBE, AS NECESSARY.

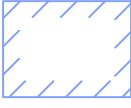

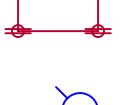






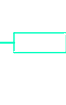




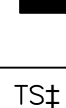








HATCHES:

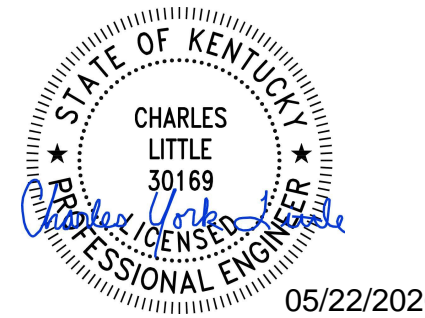
	TEMPORARY ACCESS ROAD		FEDERAL GLADE CRESS CRITICAL HABITAT
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)		GLADE CRESS HABITAT (SURVEYED BY CARDNO)
	STABILIZED CONSTRUCTION ENTRANCE		CULTURAL SITE
	CONTRACTOR/PIPE YARD		WETLAND
	PERMANENT ACCESS ROAD		

LINETYPES:


	TEMPORARY WORKSPACE LIMIT
	FENCE - PROPOSED
	FENCE - EXISTING
	AT&T FIBER LINE
	FOREIGN PIPELINE
	OVERHEAD ELECTRIC
	PROP. PERMANENT EASEMENT
	EXIST. PERMANENT EASEMENT
	PROPERTY LINE
	PROPOSED PIPELINE
	ROAD R.O.W.
	SANITARY FORCE MAIN
	SANITARY SEWER
	STORM SEWER
	EXIST. LG&E GAS PIPELINE
	STREAM C
	DRAIN/DITCH
	TREE LINE
	EDGE OF ROAD (ASPHALT)
	EDGE OF ROAD (GRAVEL)
	UNDERGROUND CABLE TV
	UNDERGROUND ELECTRIC
	UNDERGROUND TELEPHONE
	WATER MAIN
	WETLAND BUFFER
	AWG#2 MITIGATION WIRE
	EXISTING UTILITY EASEMENT

SYMBOLS:

	BUILDING
	ELECTRICAL BOX
	ELECTRICAL TRANSMISSION TOWER
	FIRE HYDRANT
	SEPTIC SPRINKLER
	GUY WIRE ANCHOR
	HDD ENTRY/EXIT POINT
	MANHOLE
	POWER POLE
	SIGN
	SOIL BORING LOCATION
	STORM CULVERT
	TELEPHONE BOX
	TELEVISION BOX
	TREE
	WELL
	SPRING
	CONCRETE SET-ON WEIGHT
	2-WIRE TEST STATION
	SSD
	POSSIBLE SINKHOLE
	SURVEY MONUMENT (PLAN VIEW)
	SURVEY MONUMENT (PROFILE VIEW)



NO.	DATE	BY	DATE	BY	DESCRIPTION	ENGR.	DATE	BY
0	11/27/24	BT			ISSUED FOR CONSTRUCTION	BT	11/27/24	DO
ISSUED		AS BUILT		DESCRIPTION		APPROVED		
REVISIONS								



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DWG NUMBER	TITLE
	REFERENCE DRAWINGS



a PPL company

ISSUED FOR BID	PROJECT I.D.
ISSUED FOR CONSTRUCTION	DRAWING SIZE D

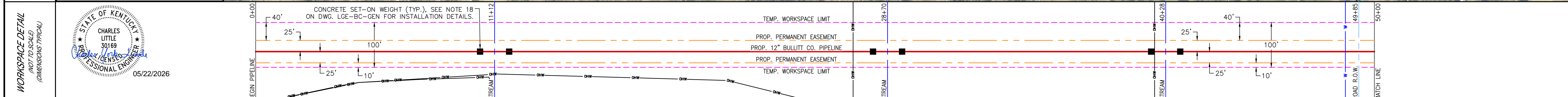
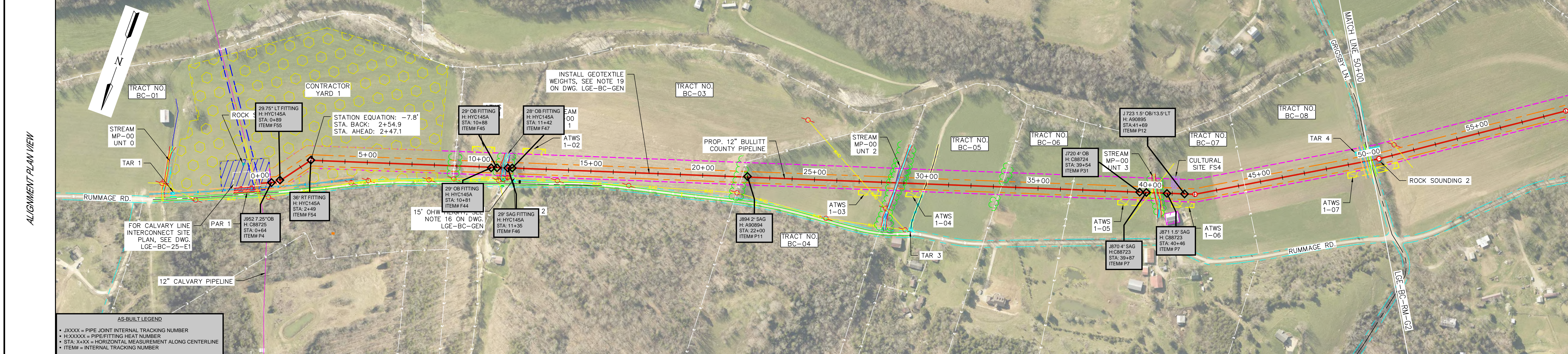
12" BULLITT COUNTY PIPELINE

GENERAL NOTES, LEGEND & SYMBOLS

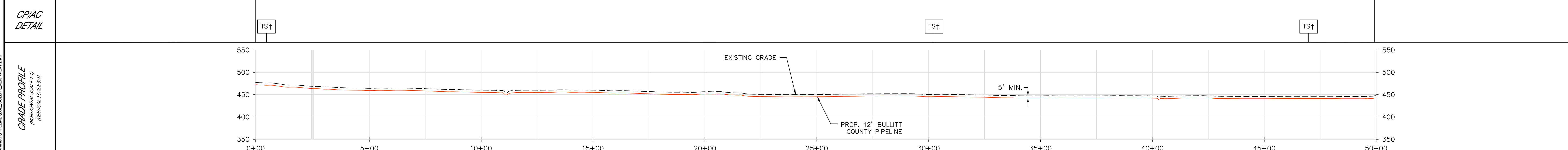
BULLITT COUNTY KY

DRAWN	CHK. BY.	SCALE	DATE
BK	ELW	NONE	07/24/17
PROJECT ENGR. / PROJECT MGR.		LGE-BC-GEN	
ELW MDW		3 OF 114	

PROPERTY INFO	TRACT NO.	BC-01	BC-03	BC-04	BC-05	BC-06	BC-07	BC-08	BC-08.01
	LAND OWNER NAME	BURMAN	COUCH (SEE NOTE 7 ON DWG. LGE-BC-GEN)	RUMMAGE STIVERS MUELDTER	JOHNSON	RUMMAGE, D	RUMMAGE, T	RUMMAGE, T	GRIGSBY LANE
	PARCEL ID	084-000-00-008	084-000-00-004	084-000-00-003	084-000-00-001	079-000-00-035	079-000-00-034	079-000-00-034A	N/A
	LENGTH	889.1'	1286.1'	695.7'	464.9'	315.5'	776.5'	557.0'	15.1'



DETAIL	0+00	10+00	11+32	28+50	28+90	40+08	40+48	49+79	50+00
NEW PIPE	1	2		1	2	1	2	1	2
DESIGN FACTOR	0.5	0.5		0.5	0.5	0.5	0.5	0.5	0.5
COATING	A	B		A	B	A	B	A	B
LENGTH	1092'	40'		1718'	40'	1118'	40'	931'	21' (CONT'D)
DESIGN CLASS LOCATION	3	3		3	3	3	3	3	3



DESIGN PRESSURE: 720 P.S.I.G./MAOP: 400 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

PREPARED BY:
ENEngineering
 28100 TORCH PARKWAY
 WARRENVILLE, IL 60565
 TEL 630-363-4000
 FAX 630-363-7777
 WWW.ENENGINEERING.COM

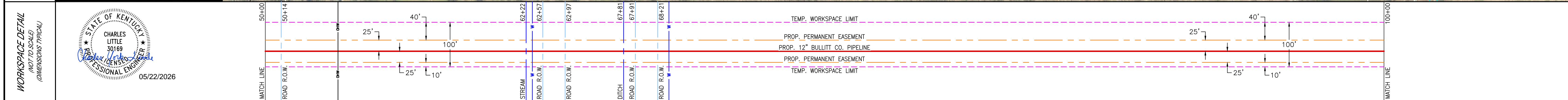
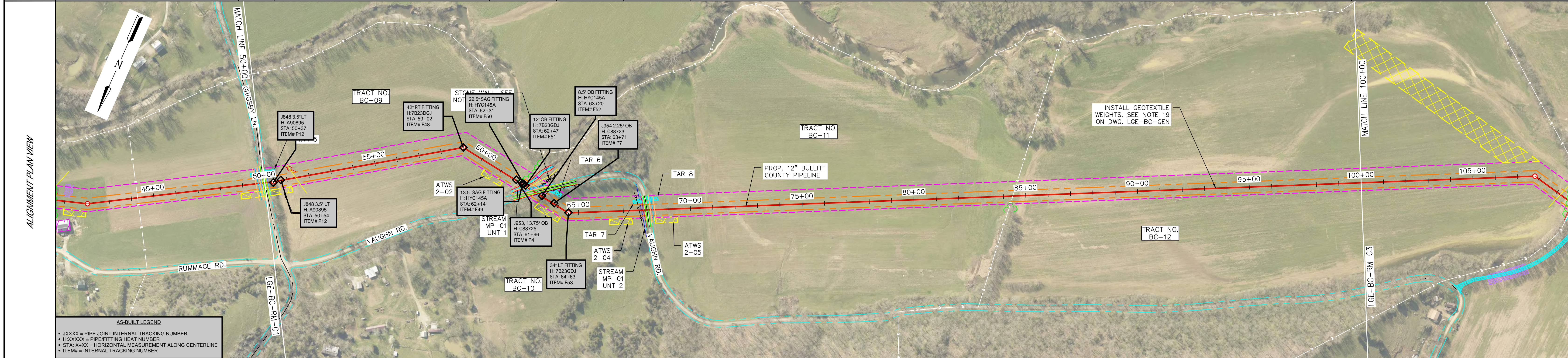
PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-25-E1 CALVARY LINE INTERCONNECT - SITE PLAN LGE-BC-OC-E1 OPEN CUT CROSSING GRIGSBY LANE - PLAN AND PROFILE LGE-BC-RM-G2 12" BULLITT COUNTY PIPELINE FROM STA. 50+00 TO 100+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

LOUISVILLE GAS & ELECTRIC
 12" BULLITT COUNTY PIPELINE FROM STA. 0+00 TO 50+00
 JEFFERSON COUNTY, KENTUCKY
 DRAWN BY BK SCALE: 1" = 200' EN PROJ. #: 163133
 CHECKED BY MDW
 PROJECT ENG. ELW
 APPROVED BY MDW
 DATE ISSUED 11/27/24

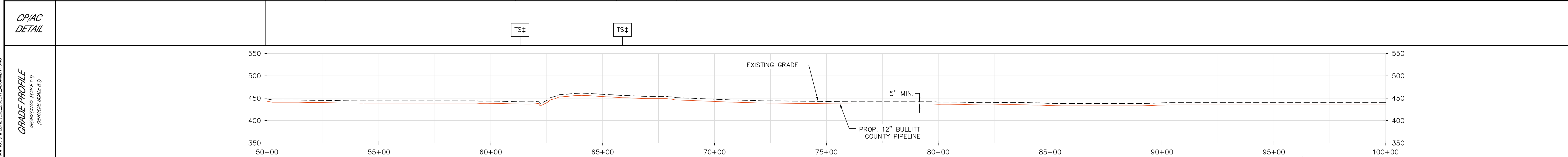
LGE-BC-RM-G1

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PROPERTY INFO	TRACT NO.	BC-08.01	BC-09	BC-09.01	BC-10	BC-10.01	BC-11	BC-12
	LAND OWNER NAME	GRIGSBY LANE	SPENCER	VAUGHN ROAD	SPENCER	VAUGHN ROAD	SPENCER	ROUSE
	PARCEL ID	N/A	079-000-00-026	N/A	079-000-00-026	N/A	079-000-00-026	079-000-00-014
	LENGTH	14.3'	1242.3'	40.8'	493.1'	30.1'	1621.5'	1557.8'



DETAIL	NEW PIPE	DESIGN FACTOR	COATING	LENGTH	DESIGN CLASS LOCATION
OPEN CUT 1 GRIGSBY LANE (LGE-BC-OC-E1)	2	0.5	B	19' (CONT'D)	3
OPEN CUT 2 STREAM & VAUGHN ROAD (LGE-BC-OC-E2)	1	0.5	A	1196'	3
OPEN CUT 3 DITCH & VAUGHN ROAD (LGE-BC-OC-E3)	2	0.5	B	116.9' (TRUE LEN.)	3
	1	0.5	A	431'	3
	2	0.5	B	80'	3
	1	0.5	A	3160'	3



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

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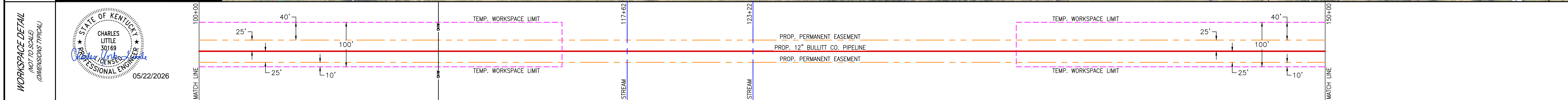
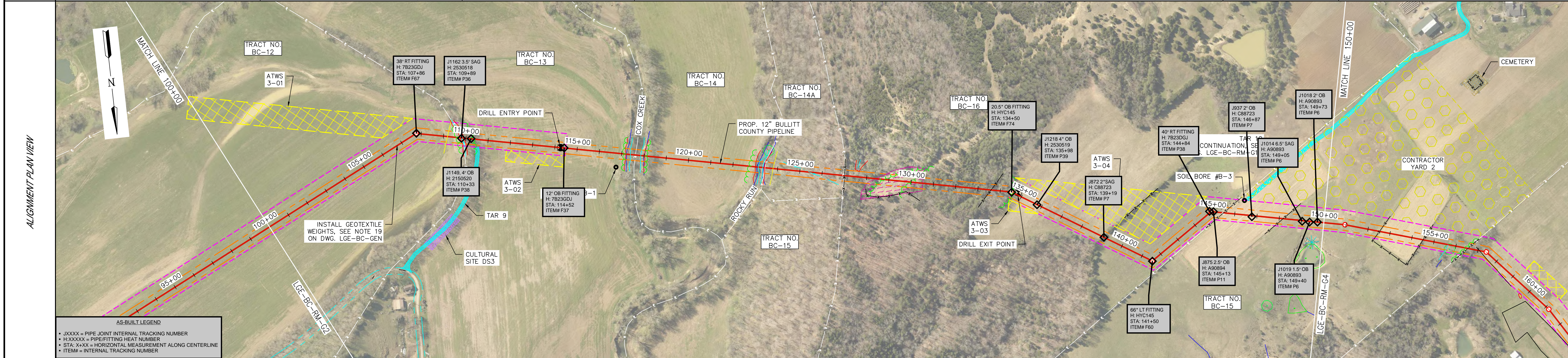
PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-OC-E3 OPEN CUT ROAD CROSSING VAUGHN ROAD - PLAN AND PROFILE LGE-BC-OC-E2 OPEN CUT ROAD CROSSING VAUGHN ROAD - PLAN AND PROFILE LGE-BC-OC-E1 OPEN CUT ROAD CROSSING GRIGSBY LANE - PLAN AND PROFILE LGE-BC-RM-G3 12" BULLITT COUNTY PIPELINE FROM STA. 100+00 TO 150+00 LGE-BC-RM-G1 12" BULLITT COUNTY PIPELINE FROM STA. 0+00 TO 50+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

NOTES

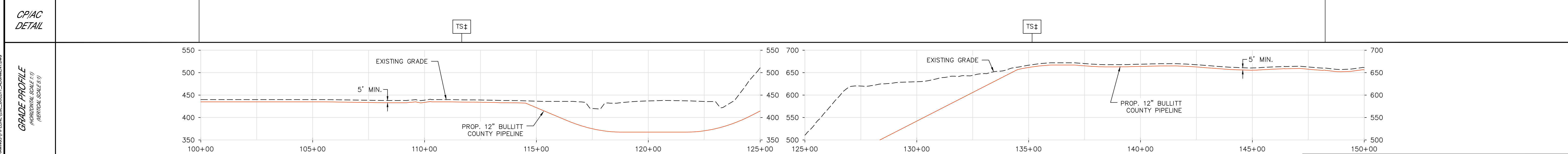
LOUISVILLE GAS & ELECTRIC
 12" BULLITT COUNTY PIPELINE FROM STA. 50+00 TO 100+00
 JEFFERSON COUNTY, KENTUCKY
 EN PROJ. #: 163133
 SCALE: 1" = 200'
 DATE ISSUED: 11/27/24

LGE-BC-RM-G2

PROPERTY INFO	TRACT NO.	BC-12	BC-13	BC-14	BC-14A	BC-16	BC-15
	LAND OWNER NAME	ROUSE	HENDERMAN	BURKE REALTY CO., INC.	CASSITY	ALLEN	BLEEMEL, A
	PARCEL ID	079-000-00-014	079-000-00-027	079-000-00-012	079-000-00-012-C	079-000-00-008	079-000-00-007
	LENGTH	981.5'	780.4'	581.5'	354.7'	1851.8'	450.2'

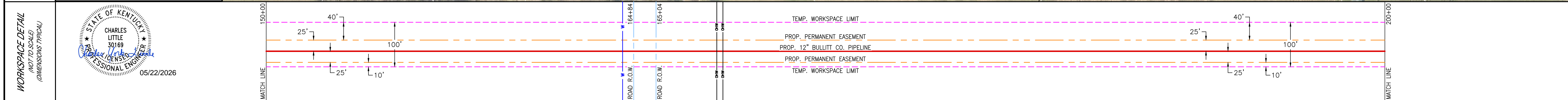
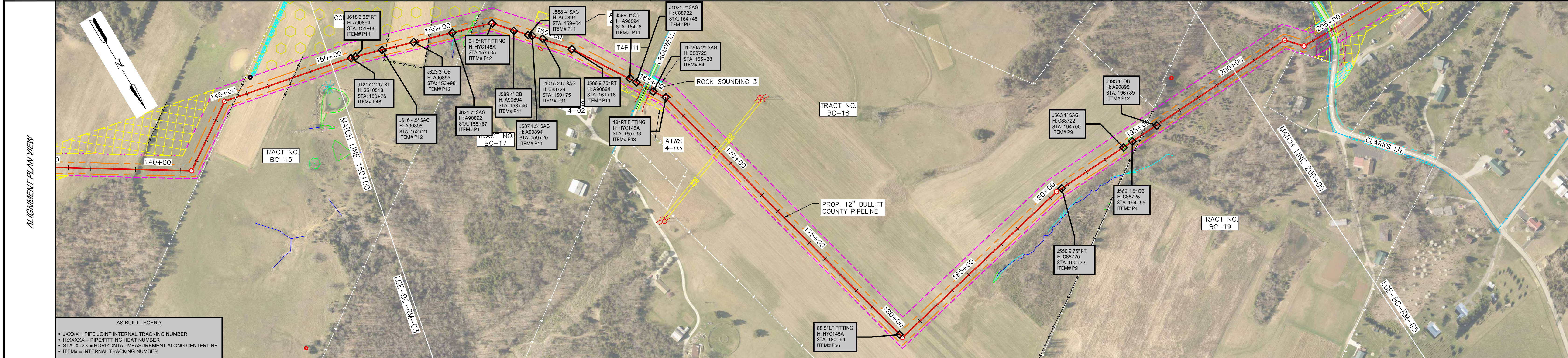


DETAIL	NEW PIPE	DESIGN FACTOR	COATING	LENGTH	DESIGN CLASS LOCATION
	1	0.5	A	1471'	3
	2	0.5	C	1998.9' (TRUE LENGTH)	3
	1	0.5	A	1570'	3

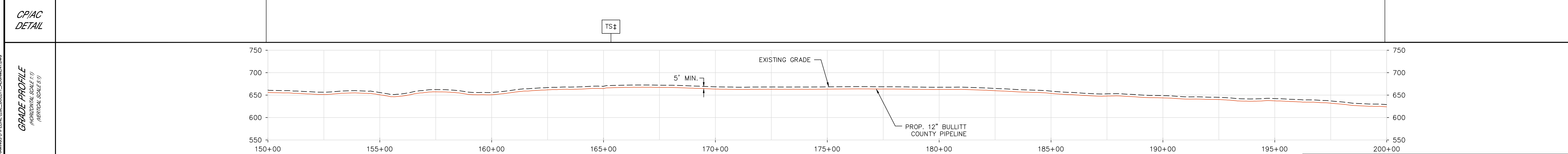


NOTES DESIGN PRESSURE/MAOP: 720 P.S.I.G. DESIGN FACTOR: 0.50 CORROSION ALLOWANCE: 0.125" PIPING HYDROSTATIC TEST NOTES: CONTRACTOR SHALL HYDROTEST PIPELINE TO: 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE) 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)	ENEngineering 28100 TORCH PARKWAY WARRENVILLE, IL 60565 TEL 630-363-4000 FAX 630-363-7777 WWW.ENENGINEERING.COM	PIPE SUMMARY 1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	PIPE COATING A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	REFERENCE DRAWINGS LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-WC-E1 HDD CROSSING COX CREEK - PLAN AND PROFILE LGE-BC-RM-G14 12" BULLITT COUNTY PIPELINE ACCESS ROAD SITES LGE-BC-RM-G14 12" BULLITT COUNTY PIPELINE FROM STA. 150+00 TO 200+00 LGE-BC-RM-G2 12" BULLITT COUNTY PIPELINE FROM STA. 50+00 TO 100+00	REVISIONS <table border="1"> <tr> <th>REV</th> <th>DRAWN BY</th> <th>DATE REVISED</th> <th>CHECKED BY</th> <th>PROJECT ENG.</th> <th>APPROVED BY</th> </tr> <tr> <td>0</td> <td>BK</td> <td>11/27/24</td> <td>DO</td> <td>BT</td> <td>DO</td> </tr> </table>	REV	DRAWN BY	DATE REVISED	CHECKED BY	PROJECT ENG.	APPROVED BY	0	BK	11/27/24	DO	BT	DO	LOUISVILLE GAS & ELECTRIC 12" BULLITT COUNTY PIPELINE FROM STA. 100+00 TO 150+00 JEFFERSON COUNTY, KENTUCKY DRAWN BY: BK CHECKED BY: MDW PROJECT ENG: ELW APPROVED BY: MDW DATE ISSUED: 11/27/24
						REV	DRAWN BY	DATE REVISED	CHECKED BY	PROJECT ENG.	APPROVED BY							
0	BK	11/27/24	DO	BT	DO													
FILE: N:\PROJECTS\LGE\163133\006 - WORKING DRAWINGS\PIPELINE\LGE-BULLITT-ALIGNMENT.DWG SCALE: 1" = 200' EN PROJ. #: 163133 LGE-BC-RM-G3																		

PROPERTY INFO	TRACT NO.	BC-15	BC-17	BC-17.01	BC-18	BC-19
	LAND OWNER NAME	BLEEMEL, A	RAYMOND	CROMWELL LANE	EDWARDS FARM PROPERTIES, LLC	STECKLER
	PARCEL ID	079-000-00-007	072-000-00-054	N/A	072-000-00-055D	072-000-00-051B
	LENGTH	654.8'	829.6'	20.0'	2992.3'	503.2'
PIPELINE STATIONING & HORIZONTAL ANGLE		150+00 MATCH LINE	150+95 P.L. A. 51°16'35" RT. 152+52 FENCE LINE 154+50 FENCE LINE 155+65 Q. DITCH 156+55 FENCE LINE 156+55 PROPERTY LINE 157+38 P.L. A. 31°33'39" RT.	159+72 EDGE OF SNKHOLE, 37.0' RT. 159+79 EDGE OF SNKHOLE, 35.2' RT. 159+93 EDGE OF SNKHOLE, 44.4' RT. 160+07 EDGE OF SNKHOLE, 40.0' LT. 161+17 P.L. A. 94°34'2" RT.	164+72 AC MONITORING TEST STATION 164+79 8" PVC WATER MAIN (APPROX.) 164+84 EDGE OF ASPHALT 164+84 PROPERTY LINE 164+90 Q. CROMWELL LANE 164+95 EDGE OF ASPHALT 165+04 PROPERTY LINE 165+87 P.L. A. 17°45'10" RT. 169+18 OVERHEAD POWER LINE 169+34 OVERHEAD POWER LINE 180+44 P.L. A. 88°38'01" LT. 190+39 P.L. A. 94°74'41" RT.	194+96 FENCE LINE 194+97 PROPERTY LINE 200+00 MATCH LINE



DETAIL					
NEW PIPE	1	2		1	
DESIGN FACTOR	0.5	0.5		0.5	
COATING	A	B		A	
LENGTH	1472'	40'		3488'	
DESIGN CLASS LOCATION	3	3		3	



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

PREPARED BY:
ENEngineering
 28100 TORCH PARKWAY
 WARRENVILLE, IL 60565
 TEL 630-363-4000
 FAX 630-363-7777
 WWW.ENENGINEERING.COM

1 = 12.75" O.D. X 0.312" W.T. 5LX52
 2 = 12.75" O.D. X 0.375" W.T. 5LX52

A = FUSION BONDED EPOXY (12-20 MILS)
 B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS)
 C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)

DRAWING NO.	TITLE	REV	DRAWN BY	DATE REVISED	CHECKED BY	PROJECT ENG.	APPROVED BY
LGE-BC-GEN	GENERAL NOTES, LEGEND & SYMBOLS						
LGE-BC-CP-109	TEST STATION DETAILS						
LGE-BC-OC-E4	OPEN CUT CROSSING CROMWELL LANE - PLAN AND PROFILE						
LGE-BC-RM-G5	12" BULLITT COUNTY PIPELINE FROM STA. 200+00 TO 250+00						
LGE-BC-RM-G3	12" BULLITT COUNTY PIPELINE FROM STA. 100+00 TO 150+00						

ISSUED FOR CONSTRUCTION

JEFFERSON COUNTY, KENTUCKY

12" BULLITT COUNTY PIPELINE FROM STA. 150+00 TO 200+00

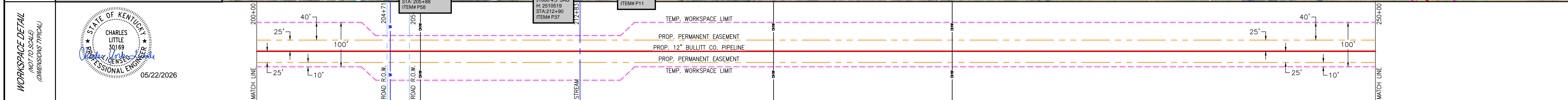
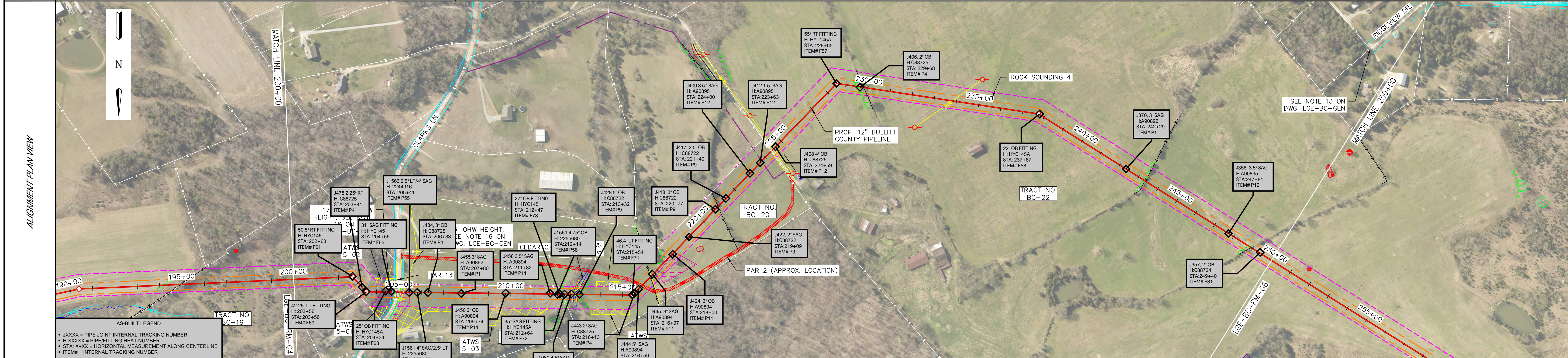
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DATE ISSUED: 11/27/24

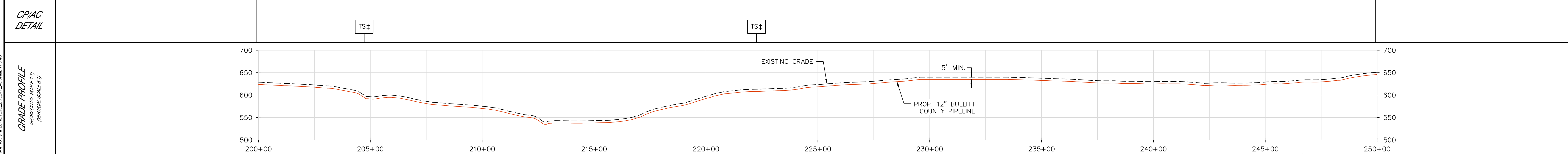
LGE-BC-RM-G4

FILE: \\PROJECTS\LGE\163133\006 - WORKING DRAWINGS\PIPELINE\LGE-BULLITT-ALIGNMENT.DWG

TRACT NO.	BC-19	BC-19.01	BC-21	BC-20	BC-22
LAND OWNER NAME	STECKLER	CLARKS LANE (1442)	BLEEMEL, B	ROLLING ACRES FARM, LLC	ROLLING ACRES FARM
PARCEL ID	072-000-00-051B	N/A	072-000-00-052A	072-000-00-052	072-000-00-053
LENGTH	471.1'	40.8'	717.3'	1207.2'	2563.6'



DETAIL	200+00	204+64	205+24	212+63	213+03	250+00
NEW PIPE	1	2	1	2	1	
DESIGN FACTOR	0.5	0.5	0.5	0.5	0.5	
COATING	A	B	A	B	A	
LENGTH	464'	60'	739'	40'	3697'	
DESIGN CLASS LOCATION	3	3	3	3	3	



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

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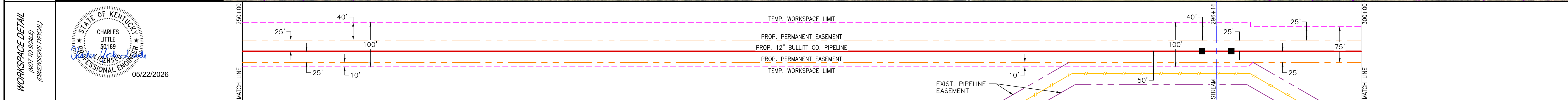
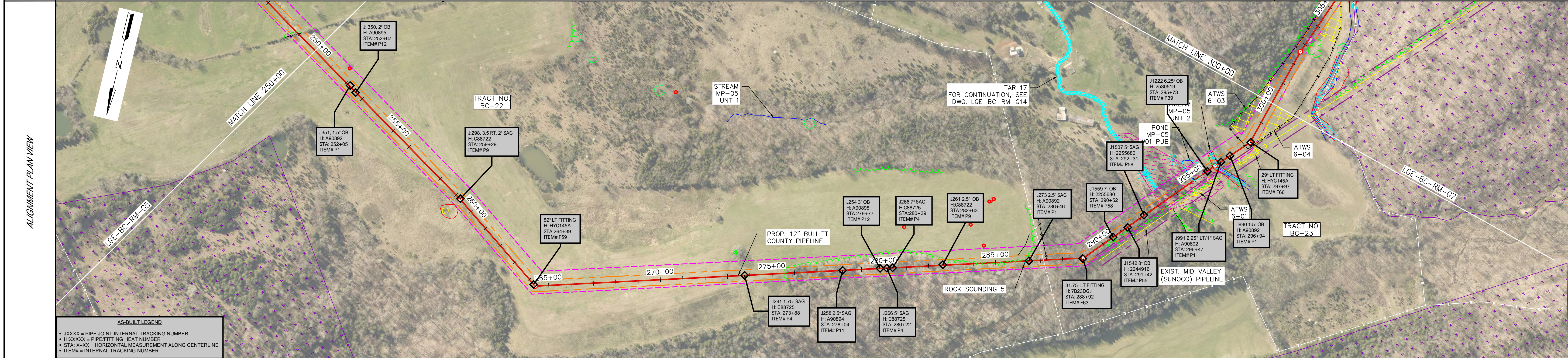
PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-HC-E2 OPEN CUT CROSSING OF CLARKS LN. (1442) - PLAN AND PROFILE LGE-BC-RM-G6 12" BULLITT COUNTY PIPELINE FROM STA. 250+00 TO 300+00 LGE-BC-RM-G4 12" BULLITT COUNTY PIPELINE FROM STA. 150+00 TO 200+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

NOTES

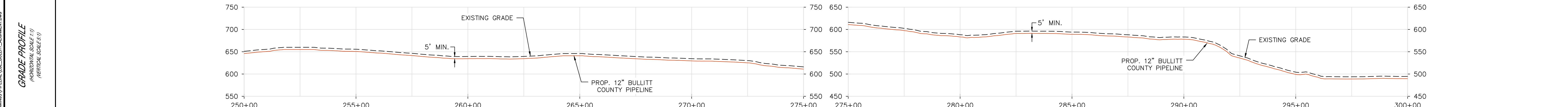
LOUISVILLE GAS & ELECTRIC
 12" BULLITT COUNTY PIPELINE FROM STA. 200+00 TO 250+00
 JEFFERSON COUNTY, KENTUCKY
 DRAWN BY BK SCALE: 1" = 200' EN PROJ. #: 163133
 CHECKED BY MDW
 PROJECT ENG. ELW
 APPROVED BY MDW
 DATE ISSUED 11/27/24

LGE-BC-RM-G5

PROPERTY INFO	TRACT NO.	BC-22	BC-23
	LAND OWNER NAME	ROLLING ACRES FARM	ACTIVE HEROES INC.
	PARCEL ID	072-000-00-053	072-000-00-107
	LENGTH	3714.4'	1285.6'
PIPELINE STATIONING & HORIZONTAL ANGLE	250+00 MATCH LINE		
	251+64 POSSIBLE SINKHOLE, 55.7' LT.		
	259+27 P.L. A. 33201° RT.		
	264+40 P.L. A. 52033°56" LT.		
	284+51 POSSIBLE SINKHOLE, 78.5' LT.		
	287+14 AC MONITORING TEST STATION/SSD		
	287+14 PROPERTY LINE		
	287+29 FENCE LINE		
	288+93 P.L. A. 32065°41" LT.		
	294+96 EDGE OF POND 294+97 ENTER WETLAND 294+98 EDGE OF WETLAND 294+99 EDGE OF WETLAND 296+10 P.L. A. 13324° RT. 296+16 Q. STREAM 297+73 FENCE LINE 297+89 P.L. A. 27292°31" LT.		
300+00 MATCH LINE			



DETAIL									
NEW PIPE				1					
DESIGN FACTOR				0.5					
COATING				A					
LENGTH				4596'					
DESIGN CLASS LOCATION				3					



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
DESIGN FACTOR: 0.50
CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
CONTRACTOR SHALL HYDROTEST PIPELINE TO:
1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

PREPARED BY:
ENEngineering
28100 TORCH PARKWAY
WARRENVILLE, IL 60565
TEL 630-363-4000
FAX 630-363-7777
WWW.ENENGINEERING.COM

PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS LGE-BC-RM-G14 12" BULLITT COUNTY PIPELINE ACCESS ROAD SITES LGE-BC-RM-G7 12" BULLITT COUNTY PIPELINE FROM STA. 300+00 TO 350+00 LGE-BC-RM-G5 12" BULLITT COUNTY PIPELINE FROM STA. 200+00 TO 250+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

NOTES

LOUISVILLE GAS & ELECTRIC

12" BULLITT COUNTY PIPELINE FROM STA. 250+00 TO 300+00

JEFFERSON COUNTY, KENTUCKY

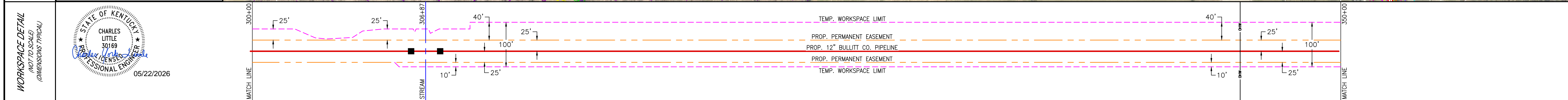
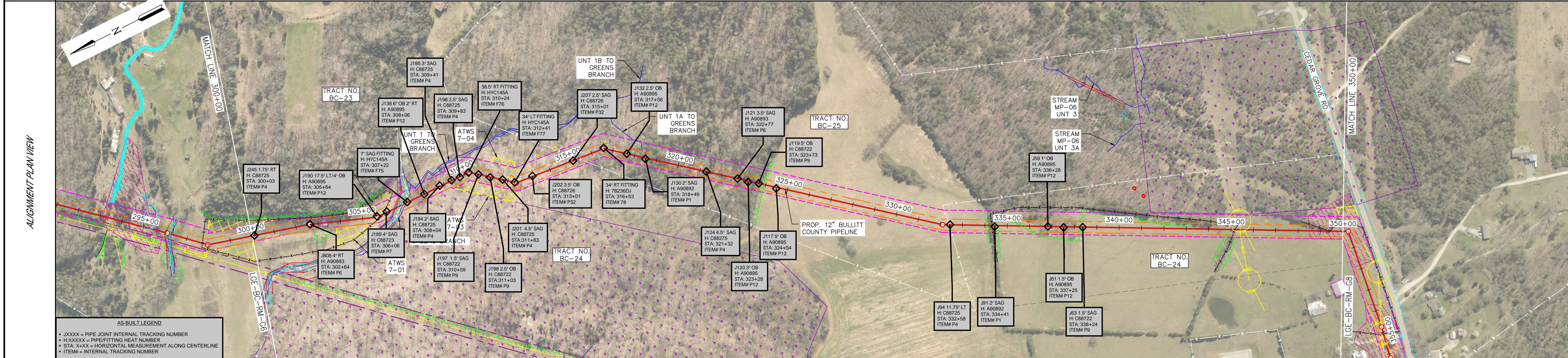
DRAWN BY BK
CHECKED BY MDW
PROJECT ENG. ELW
APPROVED BY MDW
DATE ISSUED 11/27/24

SCALE: 1" = 200' EN PROJ. #: 163133

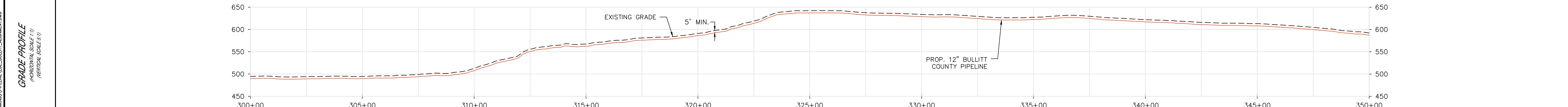
LGE-BC-RM-G6

FILE: N:\PROJECTS\LGE\163133\006 - WORKING DRAWINGS\PIPELINE\LGE_BULLITT_ALIGNMENT.DWG

TRACT NO.	BC-23	BC-24	BC-25	BC-24
LAND OWNER NAME	ACTIVE HEROES INC.	IOLA CAPITAL	NEWSOME FAMILY TRUST	IOLA CAPITAL
PARCEL ID	072-000-00-107	065-000-00-085	065-000-00-085A	065-000-00-085
LENGTH	689.1'	846.3'	1703.2'	1761.4'



DETAIL	NEW PIPE	DESIGN FACTOR	COATING	LENGTH	DESIGN CLASS LOCATION
	1	0.5	A	667'	3
	2	0.5	B	40'	3
			A	4293'	3
					3



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

PREPARED BY:
ENEngineering
 28100 TORCH PARKWAY
 WARRENVILLE, IL 60555
 TEL 630-363-4000
 FAX 630-363-7777
 WWW.ENENGINEERING.COM

PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS LGE-BC-RM-C8 12" BULLITT COUNTY PIPELINE FROM STA. 350+00 TO 400+00 LGE-BC-RM-G6 12" BULLITT COUNTY PIPELINE FROM STA. 250+00 TO 300+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

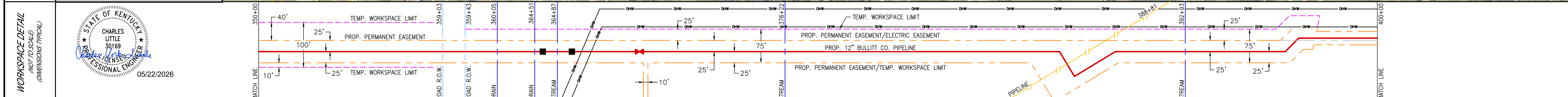
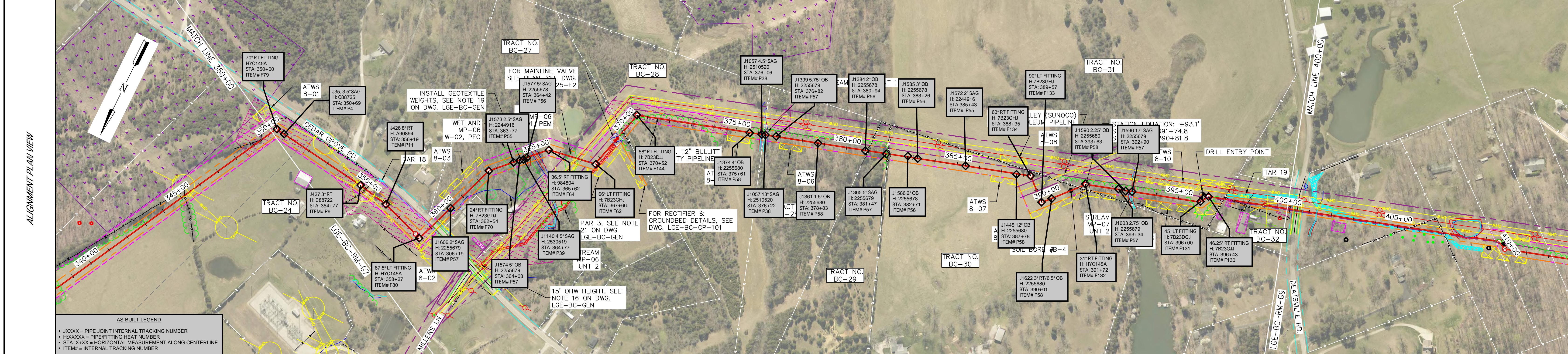
NOTES

JEFFERSON COUNTY, KENTUCKY
 DRAWN BY BK SCALE: 1" = 200' EN PROJ. #: 163133
 CHECKED BY MDW
 PROJECT ENG. ELW
 APPROVED BY MDW
 DATE ISSUED 11/27/24

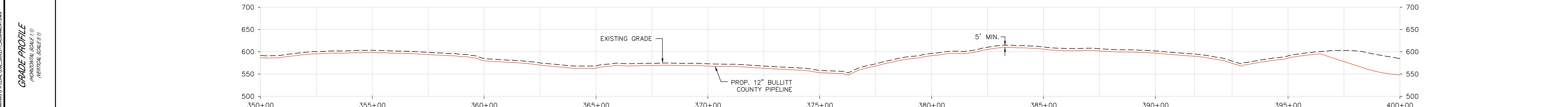
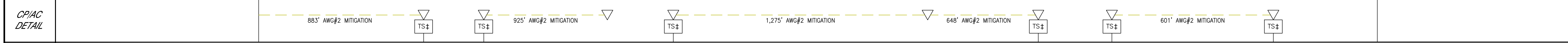
LGE-BC-RM-G7

FILE: \\PROJECTS\LGE\163133\006 - WORKING DRAWINGS\PIPELINE\LGE-BULLITT-ALIGNMENT.DWG

TRACT NO.	BC-24	BC-26.02	BC-27	BC-28	BC-28.01	BC-29	BC-30	BC-31	BC-32
LAND OWNER NAME	IOLA CAPITAL, LLC	CEDAR GROVE ROAD (480)	SOUTHFORK BUILDERS, LLC	SKIDMORE	SIMMONS	SCOTT	DOCTER	WHITWORTH	HURT
PARCEL ID	065-000-00-085	N/A	065-000-00-081B	065-000-00-080	065-000-00-080	065-000-00-079	065-000-00-078	065-000-00-034	065-000-00-023
LENGTH	902.9'	40.1'	1014.6'	668.1'	470.6'	91.2'	955.5'	666.4' (TRUE LENGTH)	304.3'



DETAIL	350+00	358+63	359+03	359+43	360+05	364+51	364+87	365+07	368+89	376+02	376+42	388+40	389+20	396+45	400+00
NEW PIPE	1	2	1	1	1	1	1	1	1	2	1	2	1	2	
DESIGN FACTOR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
COATING	A	B	A	B	A	A	A	A	A	B	A	B	A	C	
LENGTH	883'	504'	80'	504'	40'	382'	39'	674'	40'	1198'	80'	818' (TRUE LENGTH)	358.6' (TRUE LENGTH)		
DESIGN CLASSIFICATION	3	3	3	3	3	3	3	3	3	3	3	3	3	3	



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
DESIGN FACTOR: 0.50
CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
CONTRACTOR SHALL HYDROTEST PIPELINE TO:
1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

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C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)

LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS
LGE-BC-CP-111 FOREIGN LINE TEST STATION DETAILS
LGE-BC-CP-109 TEST STATION DETAILS
LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS
LGE-BC-CP-100 RECTIFIER AND GROUNDED DETAILS - SITE PLAN OVERVIEW
LGE-BC-25-E2 MAINLINE VALVE - SITE PLAN
LGE-BC-PC-E1 CROSSING OF 22" SUNOCO PIPELINE - PLAN AND PROFILE
LGE-BC-HC-E3 BORE CROSSING CEDAR GROVE RD. (480) - PLAN AND PROFILE
LGE-BC-RM-69 12" BULLITT COUNTY PIPELINE FROM STA. 400+00 TO 450+00
LGE-BC-RM-67 12" BULLITT COUNTY PIPELINE FROM STA. 300+00 TO 350+00

ISSUED FOR CONSTRUCTION

REV	DRAWN BY	DATE REVISED	CHECKED BY	PROJECT ENG.	APPROVED BY
0	BK	11/27/24	DO	BT	DO

LGE LOUISVILLE GAS & ELECTRIC

12" BULLITT COUNTY PIPELINE FROM STA. 350+00 TO 400+00

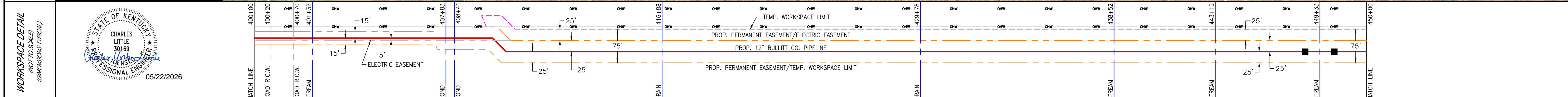
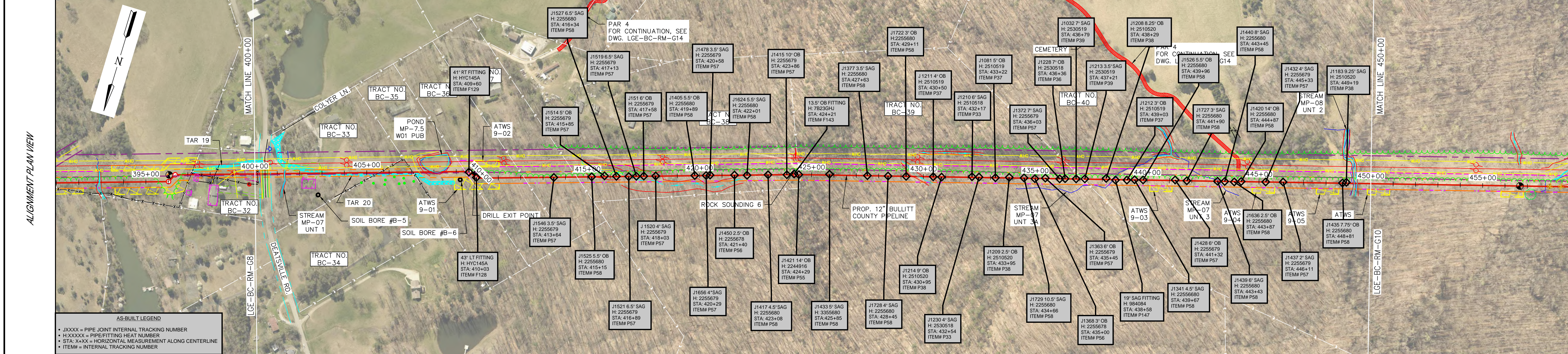
JEFFERSON COUNTY, KENTUCKY

DRAWN BY BK
CHECKED BY MDW
PROJECT ENG. ELW
APPROVED BY MDW
DATE ISSUED 11/27/24

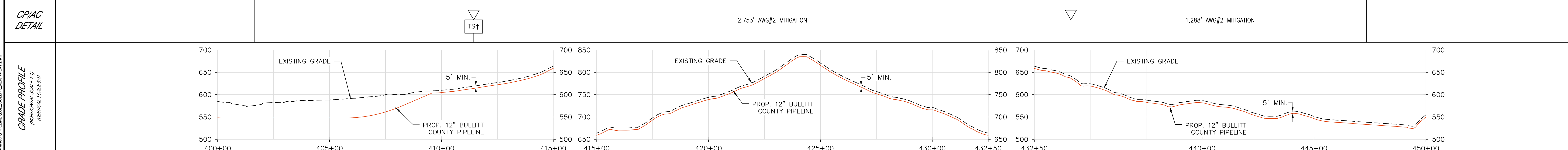
SCALE: 1" = 200' EN PROJ. # 163133

LGE-BC-RM-G8

TRACT NO.	BC-32	BC-32.01	BC-33	BC-34	BC-35	BC-36	BC-37	BC-38	BC-39	BC-40
LAND OWNER NAME	HURT	DEATSVILLE ROAD (1604)	WALLS	BALLOU	GEDEON	OAKLEY	GOVER	ROGERS	ISAAC W. BERNHEIM FOUNDATION	ISAAC W. BERNHEIM FOUNDATION
PARCEL ID	065-000-00-023	N/A	065-000-00-024	065-000-00-021	065-000-00-025	065-000-00-026	065-000-00-027	065-000-00-028	065-000-00-005	065-000-00-030A
LENGTH	23.4'	50.0'	483.7'	150.4'	236.4'	273.6'	236.9'	991.9'	1269.1'	1287.6'



DETAIL	400+00	400+20	400+70	401+32	407+83	408+41	416+88	429+78	438+52	443+19	449+33	450+00
NEW PIPE			2					1			2	1
DESIGN FACTOR			0.5					0.5			0.5	0.5
COATING			C					A			B	A
LENGTH			962.3'					3955'			40'	47'
DESIGN CLASS LOCATION			3					3			3	3



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

PREPARED BY:
ENEngineering
 28100 TORCH PARKWAY
 WARRENVILLE, IL 60555
 TEL 630-363-4000
 FAX 630-363-7777
 WWW.ENENGINEERING.COM

PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS LGE-BC-RM-G14 12" BULLITT COUNTY PIPELINE ACCESS ROAD SITES LGE-BC-HC-E4 HDD CROSSING DEATSVILLE RD. - PLAN AND PROFILE LGE-BC-RM-G10 12" BULLITT COUNTY PIPELINE FROM STA. 450+00 TO 500+00 LGE-BC-RM-C8 12" BULLITT COUNTY PIPELINE FROM STA. 350+00 TO 400+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

NOTES

LGE LOUISVILLE GAS & ELECTRIC

12" BULLITT COUNTY PIPELINE FROM STA. 400+00 TO 450+00

JEFFERSON COUNTY, KENTUCKY

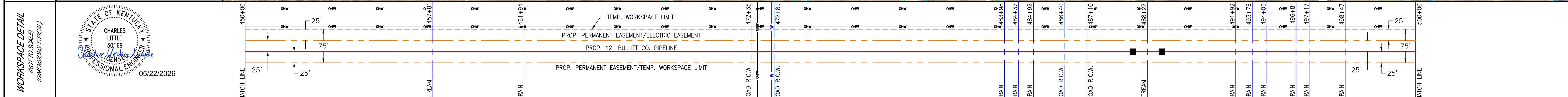
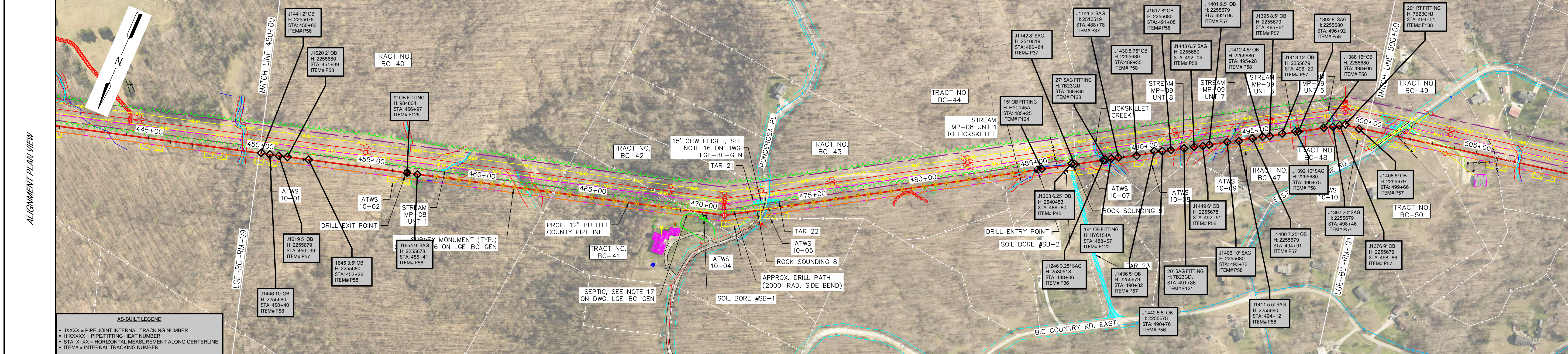
DRAWN BY BK
 CHECKED BY MDW
 PROJECT ENG. ELW
 APPROVED BY MDW
 DATE ISSUED 11/27/24

SCALE: 1" = 200' EN PROJ. #: 163133

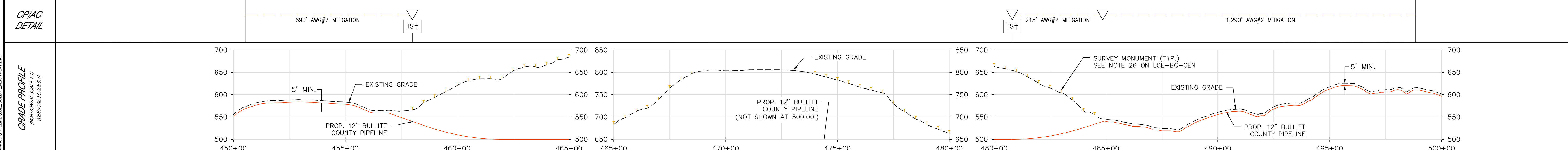
LGE-BC-RM-G9

FILE: \\PROJECTS\LGE\163133\006 - WORKING DRAWINGS\PIPELINE\LGE_BULLITT_ALIGNMENT.DWG

PROPERTY INFO	TRACT NO.	BC-40	BC-41	BC-42	BC-42.01	BC-43	BC-44	BC-46	BC-47	BC-48	BC-49	
	LAND OWNER NAME	ISAAC W. BERNHEIM FOUNDATION	THOMPSON	PAGAN	PONDEROSA PLACE	YUNT	COX	DALRYMPLE	KISH	DALRYMPLE	ELDRIDGE QUICK	CARMONY
	PARCEL ID	065-000-00-030A	056-SE0-05-011	056-SE0-05-012	N/A	056-SE0-05-019	056-SE0-05-018	056-000-00-010	056-SE0-02-007	056-000-00-010	056-SE0-02-008	056-SE0-02-009
LENGTH	1329.4'	612.3'	293.5*	53.8'	976.5*	415.4'	755.8'	57.3'	4.7'	355.7'	111.7'	



DETAIL	NEW PIPE	DESIGN FACTOR	COATING	LENGTH	DESIGN CLASS LOCATION
450+00 MATCH LINE	1	0.5	A	715'	3
457+15					
457+31					
461+14					
461+37					
464+00					
467+10					
468+22					
468+42					
491+17					
493+16					
494+06					
496+81					
497+17					
498+47					
500+00 MATCH LINE					



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND GPTC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

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PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS LGE-BC-OC-E6 OPEN CUT CROSSING FUTURE ROAD - PLAN AND PROFILE LGE-BC-HC-E5 HDD CROSSING PONDEROSA PLACE - PLAN AND PROFILE LGE-BC-RM-G11 12" BULLITT COUNTY PIPELINE FROM STA. 500+00 TO 550+00 LGE-BC-RM-G9 12" BULLITT COUNTY PIPELINE FROM STA. 400+00 TO 450+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

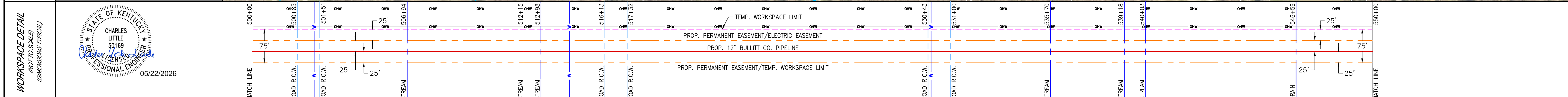
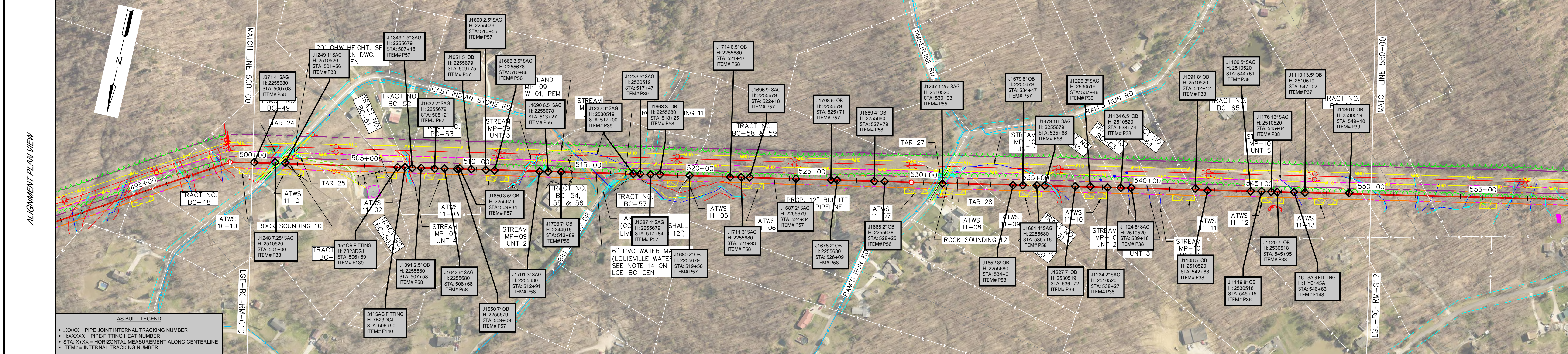
NOTES

LOUISVILLE GAS & ELECTRIC
 12" BULLITT COUNTY PIPELINE FROM STA. 450+00 TO 500+00
 JEFFERSON COUNTY, KENTUCKY
 DRAWN BY BK
 CHECKED BY MDW
 PROJECT ENG. ELW
 APPROVED BY MDW
 DATE ISSUED 11/27/24

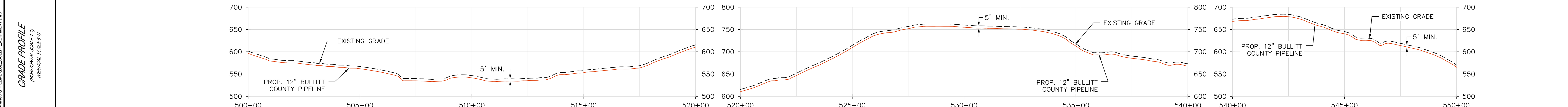
SCALE: 1" = 200' EN PROJ. #: 163133

LGE-BC-RM-G10

TRACT NO.	BC-49	BC-49.01	BC-50	BC-50.01	BC-53	BC-51	BC-52	BC-53	BC-54	BC-55	BC-56	BC-56.01	BC-57	BC-58	BC-59	BC-59.01	BC-60	BC-61	BC-62	BC-63	BC-64	BC-65	BC-66
LAND OWNER NAME	CARMONY	EAST INDIAN STONE ROAD	HAWKINS	MANTOOTH	NUNN	PRICE	FISKE	NUNN	ELWELL	ELWELL	ELWELL	BIG SPRINGS DRIVE	ELWELL	WILLIAMS	WILLIAMS	RAM'S RUN ROAD	LINDSAY	HAAS	SPRINGER	RHODUS	THOMPSON	WHEATLEY	KEARNEY
PARCEL ID	056-SEO-02-009	N/A	056-SEO-04-009	056-SEO-04-009	056-SWO-16-017	056-SWO-16-017B	056-SWO-16-017A	056-SWO-16-017	056-SWO-12-020	056-SWO-16-008	056-SWO-12-020	N/A	056-SWO-12-020	056-SWO-07-008A	056-SWO-07-008B	N/A	056-SWO-06-007	056-SWO-06-006	056-SWO-06-005A	056-SWO-06-005	056-SWO-06-004	056-SWO-06-003	056-SWO-06-002
LENGTH	196.5'	66.3'	141.7'	296.1'	68.7'	28.0'	8.2'	531.1'	72.0'	217.5'	98.5'	118.9'	213.6'	476.3'	621.5'	56.9'	150.4'	441.0'	176.3'	158.0'	172.0'	764.7'	37.5'



DETAIL	500+00	500+75	501+55	516+03	517+43	530+32	531+12	550+00
NEW PIPE	1	1	1	2	2	2	1	1
DESIGN FACTOR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
COATING	A	B	A	B	B	B	A	A
LENGTH	75'	80'	1448'	140'	1289'	80'	1888'	
DESIGN CLASS LOCATION	3	3	3	3	3	3	3	



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
 1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)
 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

PREPARED BY:
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PIPE SUMMARY	PIPE COATING	REFERENCE DRAWINGS	REVISIONS
1 = 12.75" O.D. X 0.312" W.T. 5LX52 2 = 12.75" O.D. X 0.375" W.T. 5LX52	A = FUSION BONDED EPOXY (12-20 MILS) B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS) C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)	LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS LGE-BC-CP-109 TEST STATION DETAILS LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS LGE-BC-OC-E9 OPEN CUT CROSSING RAM'S RUN ROAD - PLAN AND PROFILE LGE-BC-OC-E8 OPEN CUT CROSSING BIG SPRINGS DR. - PLAN AND PROFILE LGE-BC-OC-E7 OPEN CUT CROSSING E. INDIAN STONE RD. - PLAN AND PROFILE LGE-BC-RM-G12 12" BULLITT COUNTY PIPELINE FROM STA. 550+00 TO 595+00 LGE-BC-RM-G10 12" BULLITT COUNTY PIPELINE FROM STA. 450+00 TO 500+00	ISSUED FOR CONSTRUCTION BK 11/27/24 DO BT DO DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

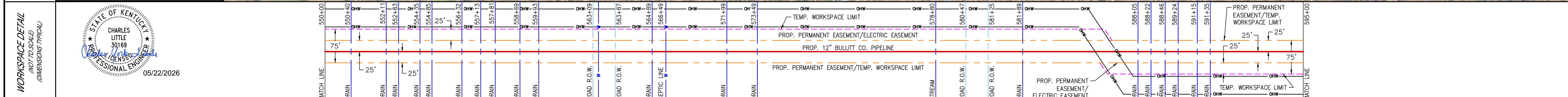
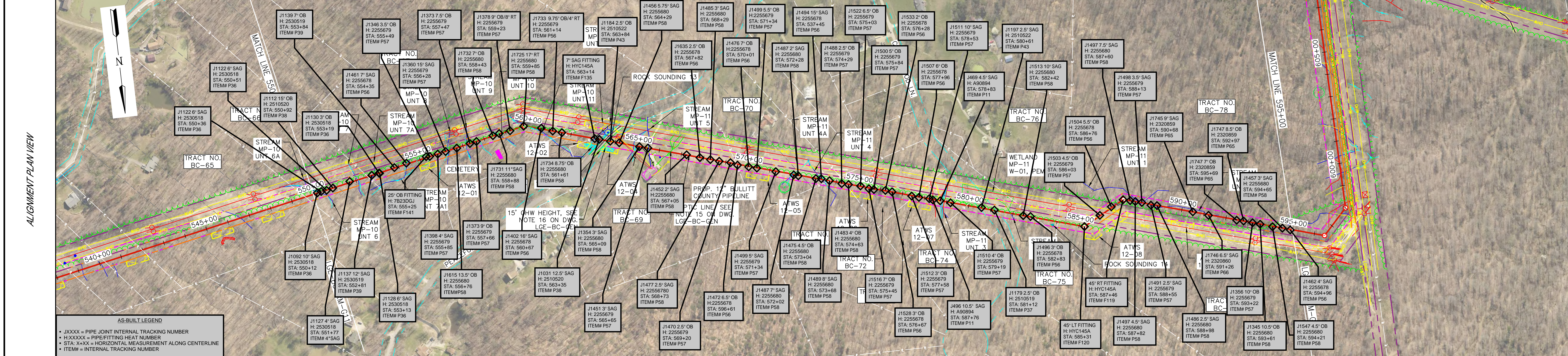
JEFFERSON COUNTY, KENTUCKY
 DRAWN BY BK
 CHECKED BY MDW
 PROJECT ENG. ELW
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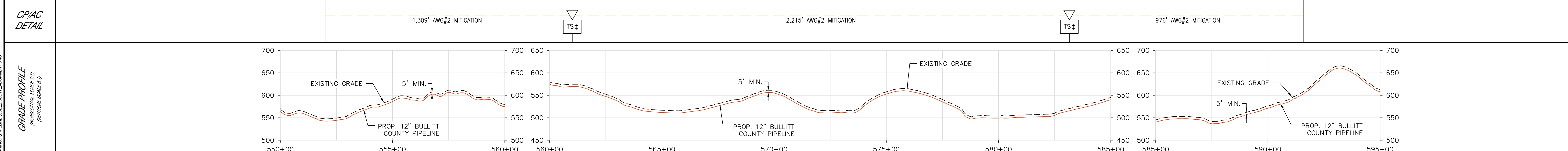
LGE-BC-RM-G11

FILE: \\PROJECTS\LGE\163133\0006 - WORKING DRAWINGS\PIPELINE\LGE_BULLITT_ALIGNMENT.DWG

TRACT NO.	BC-66	BC-67	BC-68	BC-69	BC-69.01	BC-69	BC-70	BC-71	BC-72	BC-73	BC-74	BC-74.01	BC-75	BC-76	BC-77	BC-78
LAND OWNER NAME	KEARNEY	WURZEL	CARNES	HICKMAN	PEACEFUL WAY	HICKMAN	MILLER	SUBURBAN CONSTRUCTION & MANAGEMENT, INC.	SUBURBAN CONSTRUCTION & MANAGEMENT, INC.	SUBURBAN CONSTRUCTION & MANAGEMENT, INC.	SUBURBAN CONSTRUCTION & MANAGEMENT, INC.	FUTURE ROAD (CLOVERWOOD LN.)	SUBURBAN CONSTRUCTION & MANAGEMENT, INC.	COOTS	MCGRUDER AND MCGRUDER	ROLLING ACRES FARM
PARCEL ID	056-SW0-06-002	056-SW0-05-008	056-SW0-03-019	056-SW0-01-001B	N/A	056-SW0-01-001B	047-000-00-045E	047-000-00-045G	047-000-00-045M	047-000-00-045N	047-000-00-045O	N/A	047-000-00-045Y	047-000-00-045B	047-000-00-045ZZ	047-000-00-007
LENGTH	255.1'	928.1'	119.2'	6.6'	78.5'	559.9'	423.8'	70.8'	311.3'	238.1'	55.6'	78.4'	173.9'	103.0'	226.0'	871.9'



DETAIL	550+00	550+40	552+11	552+83	554+35	554+95	556+32	557+13	557+81	558+69	559+33	562+88	564+04	580+36	580+36	581+25	581+89	588+05	588+22	588+46	589+24	591+15	591+35	595+00
NEW PIPE																								
DESIGN FACTOR																								
COATING																								
LENGTH																								
DESIGN CLASS LOCATION																								



DESIGN PRESSURE/MAOP: 720 P.S.I.G.
 DESIGN FACTOR: 0.50
 CORROSION ALLOWANCE: 0.125"

PIPING HYDROSTATIC TEST NOTES:
 CONTRACTOR SHALL HYDROTEST PIPELINE TO:
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 1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)

DESIGNED IN ACCORDANCE WITH TITLE 48-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND OPTIC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.

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A = FUSION BONDED EPOXY (12-20 MILS)
 B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS)
 C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)

GENERAL NOTES, LEGEND & SYMBOLS
 TEST STATION DETAILS
 SSD JUNCTION BOX & AC MITIGATION DETAILS
 OPEN CUT CROSSING CLOVERWOOD LANE - PLAN AND PROFILE
 OPEN CUT CROSSING PEACEFUL WAY - PLAN AND PROFILE
 12" BULLITT COUNTY PIPELINE FROM STA. 595+00 TO 620+09
 12" BULLITT COUNTY PIPELINE FROM STA. 500+00 TO 550+00

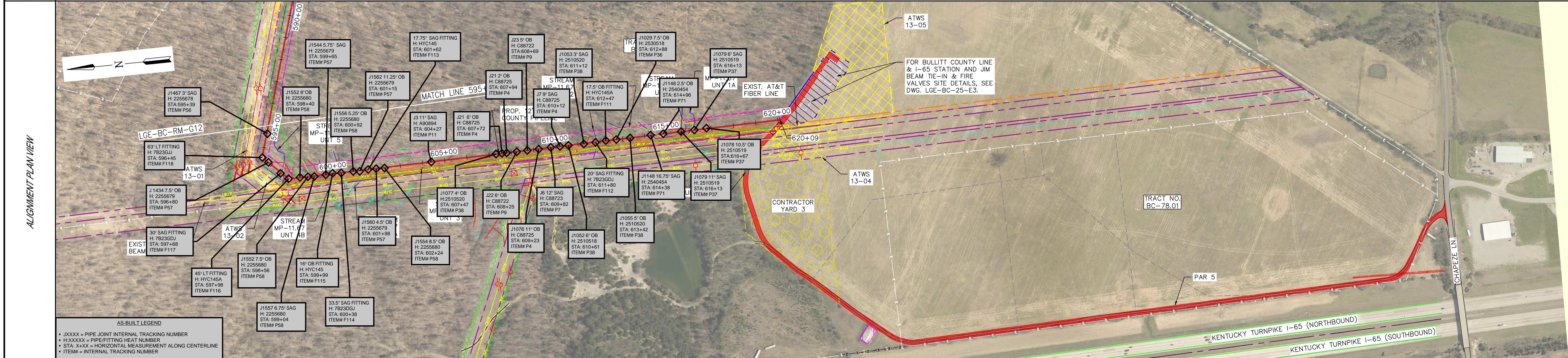
ISSUED FOR CONSTRUCTION
 BK 11/27/24 DO BT DO
 DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY

JEFFERSON COUNTY, KENTUCKY
 DRAWN BY BK
 CHECKED BY MDW
 PROJECT ENG. ELW
 APPROVED BY MDW
 DATE ISSUED 11/27/24

SCALE: 1" = 200' EN PROJ. #: 163133

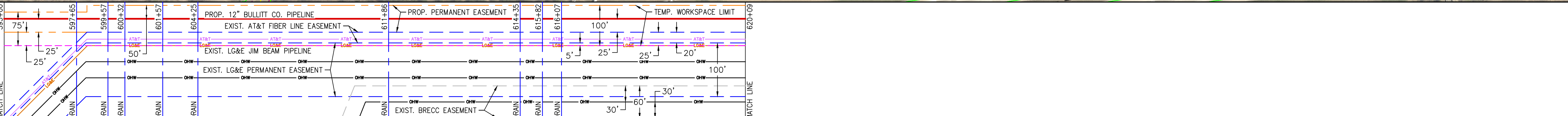
LGE-BC-RM-G12

TRACT NO.	BC-78
LAND OWNER NAME	ROLLING ACRES FARM
PARCEL ID	047-000-00-007
LENGTH	2509.2'
PIPELINE STATIONING & HORIZONTAL ANGLE	<p>595+00 MATCH LINE</p> <p>596+46 P.L. A. 63°02'57" LT.</p> <p>596+46 POWER POLE, 59.1' RT.</p> <p>596+46 POWER POLE, 89.2' RT.</p> <p>596+46 POWER POLE, 118.7' RT.</p> <p>597+65 6" DRAIN</p> <p>598+01 COUPON TEST STATION/SSD</p> <p>598+01 P.L. A. 45°13'36" LT.</p> <p>598+01 POWER POLE, 89.3' RT.</p> <p>598+01 POWER POLE, 118.7' RT.</p> <p>598+11 AT&T MANHOLE, 30.3' RT.</p> <p>598+34 TRANS. TOWER CORNER, 82.7' RT.</p> <p>598+59 TRANS. TOWER CORNER, 82.7' RT.</p> <p>599+57 6" DRAIN</p> <p>600+32 6" DRAIN</p> <p>601+57 6" DRAIN</p> <p>604+25 6" DRAIN</p> <p>607+58 AT&T MANHOLE, 31.6' RT.</p> <p>607+58 TRANS. TOWER CORNER, 82.8' RT.</p> <p>608+13 TRANS. TOWER CORNER, 82.8' RT.</p> <p>611+86 6" DRAIN</p> <p>614+35 6" DRAIN</p> <p>615+82 6" DRAIN</p> <p>616+07 6" DRAIN</p> <p>617+45 TRANS. TOWER CORNER, 81.6' RT.</p> <p>617+42 TRANS. TOWER CORNER, 81.1' RT.</p> <p>619+31 AT&T MANHOLE, 38.9' RT.</p> <p>620+09 AC MONITORING TEST STATION/SSD</p> <p>620+09 PROPOSED FENCE LINE</p> <p>620+09 END PIPELINE</p>

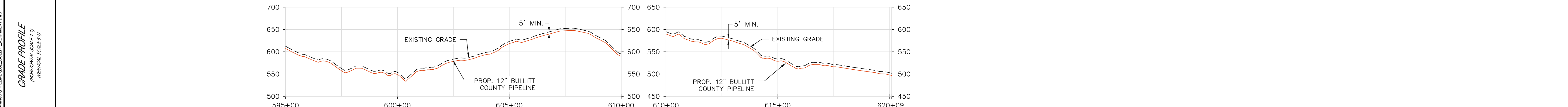


AS-BUILT LEGEND

- JXXXX = PIPE JOINT INTERNAL TRACKING NUMBER
- HXXXXX = PIPE/FITTING HEAT NUMBER
- STA. X-XX = HORIZONTAL MEASUREMENT ALONG CENTERLINE
- ITEM# = INTERNAL TRACKING NUMBER



DETAIL	
NEW PIPE	1
DESIGN FACTOR	0.5
COATING	A
LENGTH	2509'
DESIGN CLASS LOCATION	3



<p>DESIGN PRESSURE/MAOP: 720 P.S.I.G.</p> <p>DESIGN FACTOR: 0.50</p> <p>CORROSION ALLOWANCE: 0.125"</p> <p>PIPING HYDROSTATIC TEST NOTES:</p> <p>CONTRACTOR SHALL HYDROTEST PIPELINE TO:</p> <p>1440 P.S.I.G. MAX. (2 X DESIGN PRESSURE)</p> <p>1080 P.S.I.G. MIN. (1.5 X DESIGN PRESSURE)</p>	<p>DESIGNED IN ACCORDANCE WITH TITLE 49-PART 192 OF MINIMUM FEDERAL SAFETY STANDARDS AND QPCC GUIDE FOR GAS TRANSMISSION AND DISTRIBUTION PIPING SYSTEMS, LATEST EDITION.</p> <p>PREPARED BY:</p> <p>ENEngineering</p> <p>28100 TORCH PARKWAY</p> <p>WARRENVILLE, IL 60565</p> <p>TEL 630-363-4000</p> <p>FAX 630-363-7777</p> <p>WWW.ENENGINEERING.COM</p>	<p>1 = 12.75" O.D. X 0.312" W.T. 5LX52</p> <p>2 = 12.75" O.D. X 0.375" W.T. 5LX52</p>	<p>A = FUSION BONDED EPOXY (12-20 MILS)</p> <p>B = FUSION BONDED EPOXY (12-20 MILS) & ARO (20-40 MILS)</p> <p>C = FUSION BONDED EPOXY (12-20 MILS) & POWERCRETE (40-60 MILS)</p>	<p>LGE-BC-GEN GENERAL NOTES, LEGEND & SYMBOLS</p> <p>LGE-BC-CP-109 TEST STATION DETAILS</p> <p>LGE-BC-CP-108 SSD JUNCTION BOX & AC MITIGATION DETAILS</p> <p>LGE-BC-25-E3 BULLITT COUNTY LINE & I-65 STATION - SITE PLAN</p> <p>LGE-BC-RM-G12 12" BULLITT COUNTY PIPELINE FROM STA. 550+00 TO 595+00</p>	<p>ISSUED FOR CONSTRUCTION</p> <p>0 BK 11/27/24 DO BT DO</p> <p>DRAWN BY DATE REVISED CHECKED BY PROJECT ENG. APPROVED BY</p>	<p>JEFFERSON COUNTY, KENTUCKY</p> <p>12" BULLITT COUNTY PIPELINE FROM STA. 595+00 TO 620+09</p> <p>SCALE: 1" = 200' EN PROJ. #: 163133</p>

FILE: \\PROJECTS\LGE\163133\006 - WORKING DRAWINGS\PIPELINE\LGE_BULLITT_ALIGNMENT.DWG