

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

**ELECTRONIC APPLICATION OF DELTA)
NATURAL GAS COMPANY, INC. FOR A)
CERTIFICATE OF PUBLIC)
CONVENIENCE AND NECESSITY TO)
CONSTRUCT A PIPELINE IN LINCOLN)
AND ROCKCASTLE COUNTIES,)
KENTUCKY)**

CASE NO. 2022-00295

**TESTIMONY OF
JONATHAN MORPHEW
DIRECTOR OF OPERATIONS
DELTA NATURAL GAS COMPANY, INC.**

Filed: August 26, 2022

Background

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

Q. Please state your name and business address.

A. My name is Jonathan Morpew. My business address is 3617 Lexington Road, Winchester, Kentucky 40391.

Q. By whom are you employed and in what capacity?

A. I am employed by Delta Natural Gas Company, Inc. (“Delta”) as its Director of Operations.

Q. Please briefly describe your professional history with Delta.

A. My career with Delta dates back to 1987, when I began as an SR Engineering Technician. I was promoted to Lead Engineer in 1989 and Director – Engineering in 1995. In 2003, I was promoted to Manager – Engineering with oversight over the Corrosion and Measurement & Regulation departments. In 2016, I was promoted to SR Manager – Distribution and managed the Engineering, Construction, Corrosion, Measurement & Regulation, and Distribution departments. I was promoted to Delta’s Vice President – Operations in 2018 with oversight over Delta’s Engineering, Construction, Corrosion, Measurement & Regulation, Distribution, Transmission, and Safety Operations. Effective May 1, 2021, my title changed to Director of Operations. My responsibilities as Director of Operations remain the same as they were when I served as Vice President – Operations except for a slight change in April 2022 when Transmission, Measurement and Regulation were reassigned to the Director – Gas Control and Transmission.

Q. Please briefly describe your educational background.

A. I attended Morehead State University and received a Bachelor of Science degree in Industrial Technology in 1985. I was employed by Nucor Steel in Grapeland, Texas and Palmer Engineering in Winchester, Kentucky before beginning my career at Delta in 1987.

Q. Have you previously testified before this Commission?

1 A. Yes. I presented testimony before the Kentucky Public Service Commission
2 (“Commission”) in Delta’s recent base rate case, Case No. 2021-00185. I also filed written
3 testimony in Case No. 2022-00085, which is Delta’s pending request to construct a natural
4 gas pipeline to serve Nicholasville and Wilmore, Kentucky.

5 **Q. What is the purpose of your testimony?**

6 A. My testimony describes and supports Delta’s request for a Certificate of Public
7 Convenience and Necessity (“CPCN”) for the construction of a pipeline that will allow
8 Delta to extend natural gas service to unserved portions of Lincoln and Rockcastle
9 Counties. As I will explain below, this project is supported by local and state partners and
10 is important to the economic advancement of this region.

11 **Q. Please describe the CPCN Delta is requesting in this proceeding.**

12 A. Delta is requesting a CPCN to construct an approximately 22-mile natural gas pipeline
13 from its dual tap on the TC Energy interstate transmission pipelines, which is located where
14 TC Energy’s pipelines cross KY 1770 near US 150 south of Stanford. Construction of this
15 pipeline will allow natural gas service to be extended to the communities of Crab Orchard,
16 Broadhead, Mt. Vernon, and Renfro Valley.

17 **Q. Please describe how Delta has worked with Lincoln County and Rockcastle County
18 officials to bring this opportunity to the region.**

19 A. Delta has developed an excellent relationship with governmental and economic
20 development officials in Lincoln and Rockcastle Counties, and those officials have been
21 proactive in partnering with one another to develop regional economic development plans.
22 In order for these plans to reach fruition, however, natural gas service needs to be further

1 extended into this region. At present, no natural gas provider is offering service in many
2 communities in these counties.

3 **Q. Has Delta already taken a substantial step towards providing natural gas service in**
4 **Lincoln County?**

5 A. Yes, it has. In Case No. 2020-00406, the Commission approved, with modification, Delta’s
6 requests for approval of an economic development pilot program and regulatory asset. In
7 that proceeding, Delta obtained the approval to construct a new dual tap into TC Energy’s
8 interstate pipeline. From the tap, Delta has constructed a pipeline that will serve the
9 Lincoln County Industrial Park. The tap is complete, the pipeline has been installed, and
10 gas is expected to be flowing by the end of the year. When gas begins being delivered to
11 the site, it will be Delta’s first service within Lincoln County.

12 **Q. Is the pipeline proposed in this proceeding part of the long-term plan for Delta?**

13 A. Yes, as the pipeline for which is a CPCN requested is the cornerstone of the infrastructure
14 extensions that Delta has worked with Lincoln County and Rockcastle County to develop.
15 In Case No. 2020-00406, Delta explained that “Phase 3” of the project—for which
16 authority was not requested in that case—is building the steel transmission line at issue in
17 this proceeding.

18 In Case No. 2020-00406, Commission Staff asked whether Delta would file a
19 separate economic development extension for this pipeline.¹ Delta stated that it anticipated
20 doing so and planned to work with the Stanford-Lincoln County Industrial Development
21 Authority, the Rockcastle County Fiscal Court, and industries potentially locating in the
22 region to evaluate all possible sources of funding to see this pipeline built and serving this

¹ Case No. 2020-00406, Commission Staff’s First Request for Information, Item No. 3.

1 region. Delta has done precisely that—except that Delta believes a CPCN, instead of an
2 economic development extension, is appropriate given the length of the pipeline.

3 **Q. Has Delta continued to work with local partners for possible funding sources?**

4 A. Yes, it has. Bringing gas to these unserved areas is supported not only by Lincoln and
5 Rockcastle Counties, but the Commonwealth, as well. In 2022, the Kentucky General
6 Assembly allocated \$10,000,000 for each year of the biennium to the Lincoln County
7 Fiscal Court for this pipeline project. On July 28, 2022, the Lincoln County Fiscal Court
8 published an advertisement in the Stanford Interior Journal requesting natural gas providers
9 submit proposals to construct and operate the pipeline described in this proceeding. On
10 August 5, 2022, Delta submitted a proposal to the Fiscal Court and was notified on August
11 9, 2022 that the Fiscal Court has accepted the proposal. Delta will be eligible to receive
12 up to \$20,000,000 in reimbursements from the Lincoln County Fiscal Court, which will
13 account for the estimated cost of the pipeline.

14 **Q. What is the expected cost of the pipeline?**

15 A. Delta anticipates that the construction of the 8” pipeline that will run from Delta’s tap at
16 the TC Energy interstate pipeline to US Highway 25 near Renfro Valley, which is
17 approximately 22 miles, will cost approximately \$19,600,000. Attached to my testimony
18 as Exhibit JM-1 is a detailed preliminary cost estimate for the project. This cost is expected
19 to be offset by the reimbursement available from the Lincoln County Fiscal Court. Delta
20 thus has the opportunity to build this pipeline at no or minimal cost to its existing
21 customers, while expanding natural gas service into many unserved areas. Because the
22 costs will be contributed, Delta does not anticipate there will be depreciation expense

1 associated with the project and the annual cost of operation is estimated to be negligible at
2 \$5,400. This cost includes maintaining the right-of-way and inspecting the line.

3 **Q. In addition to the transmission line, does Delta plan to construct distribution lines?**

4 A. Yes. The transmission line will allow Delta to extend its distribution system to the Crab
5 Orchard, Broadhead, Mt Vernon and Renfro Valley communities, as customer load
6 requirements demand. Extending the distribution system is a longer-term project that
7 Delta plans to complete by 2028. If the demand in these communities is so significant that
8 Delta were to build out the distribution system in these communities fully, Delta estimates
9 the approximate costs to be as follows: Crab Orchard - \$798,700; Broadhead - \$1,100,000;
10 Mt. Vernon - \$9,151,100; and Renfro Valley - \$36,500. Delta is not seeking a CPCN for
11 this construction because the distribution extensions will be performed incrementally over
12 a several-year period and is a small percentage of Delta's utility plant. Also, the amount
13 of the distribution system that will be built out will be based on customer demand.

14 **Q. What steps has Delta taken to assess demand for natural gas service in the area?**

15 A. Delta has assessed demand in a variety of ways. First, Delta has worked closely with
16 government leadership and economic development officials to identify the potential for
17 large-scale opportunities in the area, including the industrial parks located in the vicinity
18 of Mt. Vernon along the US 150 corridor. The Lincoln and Rockcastle economic
19 development groups continue to explore opportunities for a regional industrial park located
20 between Mt. Vernon and Stanford along the US 150 corridor. Should these efforts succeed,
21 the proposed natural gas pipeline will be ideally located for serving the regional park. In
22 addition to these opportunities, the capability to serve potential commercial properties in

1 the Renfro Valley area is also being reviewed. The Cabinet for Economic Development
2 has also identified this corridor for having significant economic potential.

3 Second, Delta has fielded inquiries from developers and residents in the area
4 desiring natural gas service. Finally, Delta has examined potential customer counts along
5 US 150 and the towns of Crab Orchard, Brodhead, and Mt. Vernon, and the opportunities
6 for growth from current residents, businesses, schools, and manufacturing facilities could
7 approach 2,000. Economic development officials are hopeful that the availability of
8 natural gas, combined with the fact that Mt. Vernon is well-positioned near an interstate,
9 will result in additional commercial and industrial development in the area. While Delta
10 cannot identify the specific number of customers it anticipates adding in the first year of
11 operation, the commitment by the General Assembly and the local officials demonstrate a
12 strong accord for the expansion of natural gas service in the area, especially given that the
13 cost of the transmission line—which is the cornerstone infrastructure—is expected to be
14 offset through reimbursements.

15 **Q. Please describe the proposed route for the pipeline.**

16 A. The route is largely dictated by the requirements set forth in the Lincoln County Fiscal
17 Court's request for proposals. The pipeline will begin at the Lincoln County purchase
18 station near the Lincoln County Industrial Park and terminate at US Highway 25 near
19 Renfro Valley. The pipeline route largely traverses public right-of-way, which will
20 significantly reduce the number of private easements necessary for the project.

21 **Q. Will the properties the pipeline crosses have the option to receive gas service?**

22 A. Yes. Properties the pipeline crosses will have the option to tap onto the line and receive
23 gas service as Delta customers.

1 **Q. Has Delta obtained plans and drawings for the pipeline?**

2 A. Yes, it has. EnSite USA has prepared the map, plans and drawings for the project, which
3 are attached to my testimony as Exhibit JM-2.

4 **Q. Please describe the manner in which the pipeline will be constructed.**

5 A. Delta plans to construct the pipeline using 8-inch steel pipe with 0.322-inch wall thickness.
6 All pipe joining will be welded and non-destructively tested using x-ray technology. All
7 pipe installed below ground will be coated in its entirety, and all welded joints will be
8 coated upon completion of the welds for protection from corrosion. Additional cathodic
9 protection will be provided by use of rectifier voltage being applied. All piping and
10 associated facilities installed above ground will be painted in order to prohibit atmospheric
11 corrosion. Upon the completion of construction, the pipeline will be hydrostatically tested
12 to a minimum of 1,080 psi, rendering a 720 psi maximum allowable operating pressure.
13 All fittings associated with the pipeline will be pressure rated for 720 psi or greater.

14 The construction process will predominately include open trench excavation,
15 excluding main line valves which will be installed above ground to help ensure safety of
16 operation and maintenance. All underground pipeline facilities will be installed at a
17 minimum of 36 inches of cover unless state or federal codes require greater depth. During
18 and upon completion of the project, all right-of-way shall be restored to a minimum of
19 original condition.

20 **Q. Is it possible that the route for the pipeline could change?**

21 A. Yes, because Delta has not completed field verifications. As the properties are surveyed
22 and necessary testing is performed, Delta may determine that some properties are not
23 suitable for construction or minor deviations are required. Thus, it is possible that the route

1 could change slightly, and Delta could cross properties not included on the preliminary
2 plans.

3 **Q. What is the timeline for this project?**

4 A. The request for proposal from the Lincoln County Fiscal Court stated that construction
5 should begin no later than January 2023. In its proposal, Delta agreed to meet this
6 requirement, subject to Delta obtaining a CPCN from this Commission. If construction
7 begins in January 2023, Delta expects it will be complete by December 31, 2024, although
8 there is no requirement that Delta must complete the project within two years to be eligible
9 for reimbursement from the Lincoln County Fiscal Court.

10 **Q. Did Delta consider alternative routes?**

11 A. Yes. While the Lincoln County Fiscal Court set forth guidelines for the areas to be served,
12 Delta considered different routes from its existing tap onto the interstate pipelines into
13 Lincoln and Rockcastle counties. For example, Delta initially considered a route that
14 would have utilized public right-of-way nearly exclusively but modified the route because
15 it was determined that a change in the routing allowed for easier public access to natural
16 gas service. The revised route shortened the pipeline length which will assist in reducing
17 cost of the project.

18 **Q. Has Delta obtained any permits for this project?**

19 A. Not at this time. Delta understands that the construction of this pipeline will require several
20 permits and will obtain them when necessary to facilitate construction.

21 **Q. Does this conclude your testimony?**

22 A. Yes, it does.

VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF CLARK)

The undersigned, **Jonathan W. Morpew**, being duly sworn, deposes and says he is Director of Operations of Delta Natural Gas Company, Inc., that he has personal knowledge of the matters set forth in his testimony, and his testimony is true and correct to the best of his information, knowledge, and belief.



JONATHAN W. MORPHEW

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 24th day of August, 2022.

 (SEAL)

Notary Public

My Commission Expires:

12-15-25



EXHIBIT 1

**DELTA NATURAL GAS CO. INC.
ESTIMATED COST SUMMARY
RENFRO VALLEY EXTENSION - 8" STEEL
MT. VERNON, KY**

<u>ITEM</u>	<u>ESTIMATED COST</u>
MATERIAL COST	\$ 4,618,225.00
LABOR COST	\$ 308,520.00
CONTRACTOR COST	\$ 7,533,500.00
ACCOUNTS PAYABLE (MISC.)	\$ 2,482,359.50
SUB-TOTAL	\$ 14,942,604.50
OVERHEAD COST 30.85%	\$ 4,609,793.49
TOTAL	\$ 19,552,397.99

**DELTA NATURAL GAS CO. INC.
CONTRACTOR COST
RENFRO VALLEY EXTENSION - 8" STEEL
MT. VERNON, KY**

	<u>ESTIMATED FOOTAGE</u>	<u>RATE PER FOOT</u>	<u>ESTIMATED COST</u>
CONTRACTOR COST PER FOOT	122000	\$ 53.00	\$ 6,466,000.00
ROCK TRENCH INSTALLATION (APPROX. 25%)	30500	\$ 35.00	\$ 1,067,500.00
TOTAL CONTRACTOR INSTALLATION COST			\$ 7,533,500.00

DELTA NATURAL GAS CO. INC.
LABOR COST SUMMARY
RENFRO VALLEY EXTENSION - 8" STEEL
MT. VERNON, KY

	<u>ESTIMATED</u> <u>HOURS</u>	<u>RATE</u> <u>PER HOUR</u>	<u>ESTIMATED</u> <u>COST</u>
5 MAN DELTA CONSTRUCT. CREW	200	\$ 225.00	\$ 45,000.00
CORROSION TECH. (2)	1952	\$ 90.00	\$ 175,680.00
INSPECTOR	1952	\$ 45.00	\$ 87,840.00
TOTAL COMPANY LABOR			\$ 308,520.00

DELTA NATURAL GAS CO. INC.
MATERIAL LIST SUMMARY
RENFRO VALLEY EXTENSION - 8" STEEL
MT. VERNON, KY

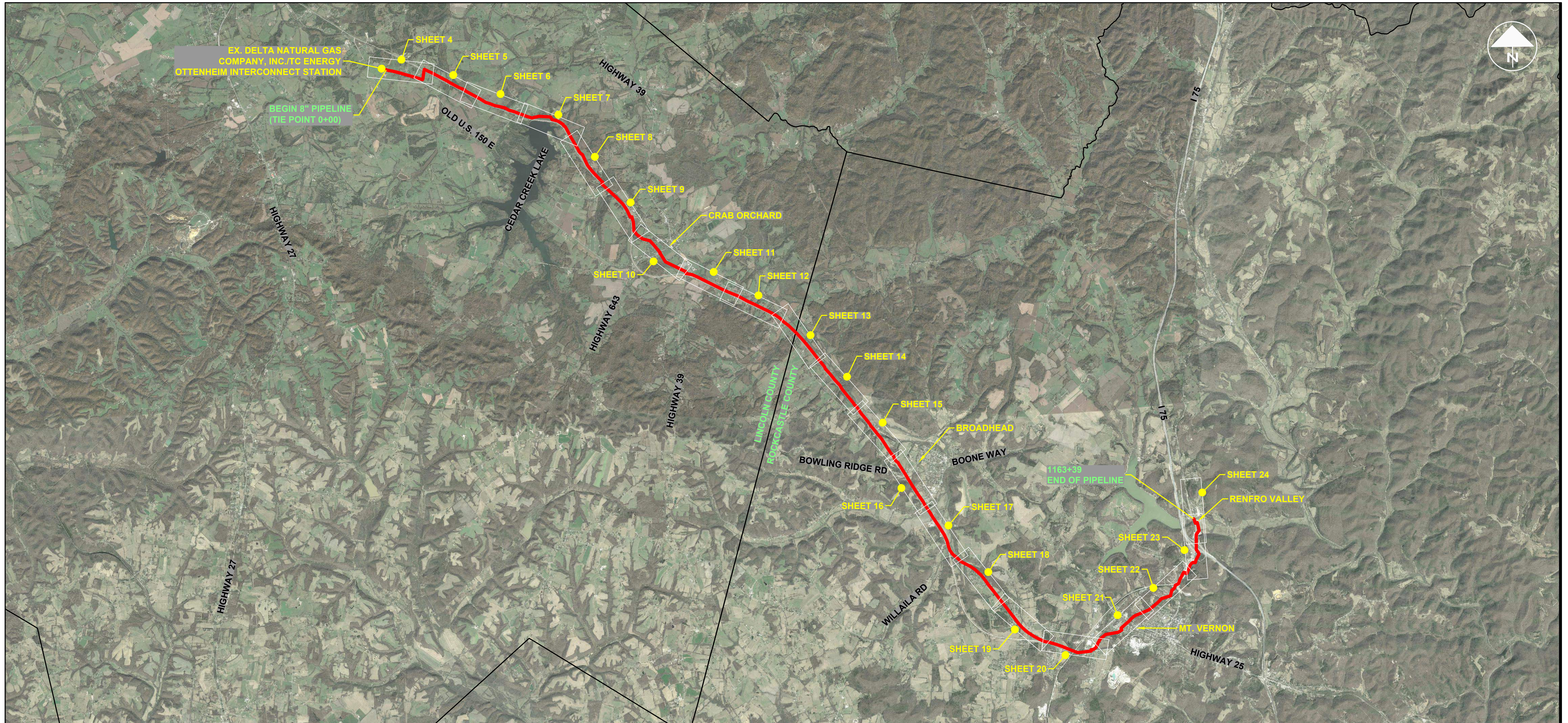
<u>QTY</u>	<u>DESCRIPTION</u>	<u>COST</u>	<u>TOTAL COST</u>
122000	8" STEEL PIPE - 0.322 WALL - X52 - THIN FILM	\$37.26	\$ 4,545,720.00
1	2" REG STATION TBS (BROADHEAD)	\$15,000.00	\$ 15,000.00
1	2" REG STATION TBS (CRAB ORCHARD)	\$15,000.00	\$ 15,000.00
1	2" REG STATION TBS (MT. VERNON)	\$15,000.00	\$ 15,000.00
1	2" REG STATION TBS (Renfro Valley)	\$15,000.00	\$ 15,000.00
30500	ROCKSHIELD	\$0.41	\$ 12,505.00
TOTAL MATERIALS			\$ 4,618,225.00

**DELTA NATURAL GAS CO. INC.
A/P COST SUMMARY
RENFRO VALLEY EXTENSION - 8" STEEL
MT. VERNON, KY**

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>COST</u>
SAND (PAD 25%)	9000	TONS	\$ 10.00	\$ 90,000.00
GRAVEL (10%)	4000	TONS	\$ 10.00	\$ 40,000.00
STRAW	2440	BALE	\$ 7.00	\$ 17,080.00
GRASS SEED	12200	LBS.	\$ 1.15	\$ 14,030.00
RAILROAD PERMIT	1	PERMIT	\$ 15,000.00	\$ 15,000.00
PIPELINE EASEMENT	122000	FEET	\$ 15.00	\$ 1,830,000.00
LAND (TBS LOT)	4	LOT	\$ 5,000.00	\$ 20,000.00
X-RAY TRUCK MILEAGE	12200	MILE	\$ 0.85	\$ 10,370.00
X-RAY 8" WELD	3050	WELD	\$ 7.15	\$ 21,807.50
X-RAY PER DIEM	244	DAY	\$ 330.00	\$ 80,520.00
X-RAY HOURLY	1952	HOUR	\$ 176.00	\$ 343,552.00
TOTAL ACCOUNTS PAYABLE COST				\$ 2,482,359.50

EXHIBIT 2

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION PIPELINE



EX. DELTA NATURAL GAS COMPANY, INC./TC ENERGY OTTENHEIM INTERCONNECT STATION

BEGIN 8" PIPELINE (TIE POINT 0+00)

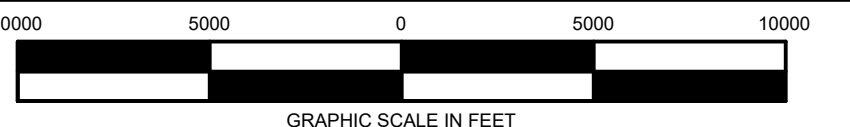
1163+39 END OF PIPELINE

08/26/2022
 CHARLES YORK LITTLE
 30169
 LICENSED SURVEYOR

Z:\7351_0002_Lincoln to Rockcastle\Cover\7351_0002_00008282022_5:21:08 PM, Last Saved 8/4/2022 10:07:45 AM by KGARDNER, Last Plot 8/8/2022 5:21:08 PM by BRANDON KEY



ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
 8/5/2022

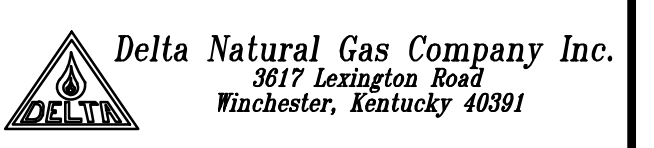


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	JCS	ISSUED FOR PSC FILING
----	----	----	----
----	----	----	----

OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 5000'
CITY / TOWNSHIP: VARIES	COUNTY: LINC./ROCK.
	STATE: KY

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE GENERAL COVER		
EnSiteUSA DWG NO. 0000	SHEET NO. SHEET 1	REV. B

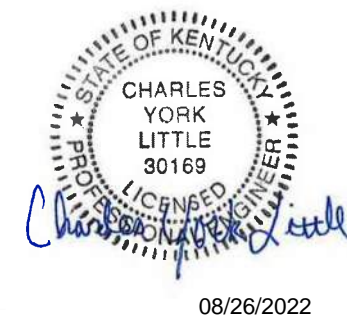


DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

Sheet List Table				
SHT. NO.	DWG. NO.	SHEET TITLE	REV	DATE
GENERAL				
1	0000	COVER	B	8/5/2022
2	0001	INDEX	B	8/5/2022
3	0002	DETAIL	B	8/5/2022
PIPELINE				
4	1000	ALIGNMENT	B	8/5/2022
5	1001	ALIGNMENT	B	8/5/2022
6	1002	ALIGNMENT	B	8/5/2022
7	1003	ALIGNMENT	B	8/5/2022
8	1004	ALIGNMENT	B	8/5/2022
9	1005	ALIGNMENT	B	8/5/2022
10	1021	ALIGNMENT	B	8/5/2022
11	1006	ALIGNMENT	B	8/5/2022
12	1008	ALIGNMENT	B	8/5/2022
13	1009	ALIGNMENT	B	8/5/2022
14	1010	ALIGNMENT	B	8/5/2022
15	1011	ALIGNMENT	B	8/5/2022
16	1012	ALIGNMENT	B	8/5/2022
17	1013	ALIGNMENT	B	8/5/2022
18	1022	ALIGNMENT	B	8/5/2022
19	1023	ALIGNMENT	B	8/5/2022
20	1024	ALIGNMENT	B	8/5/2022
21	1025	ALIGNMENT	B	8/5/2022
22	1026	ALIGNMENT	B	8/5/2022
23	1020	ALIGNMENT	B	8/5/2022
24	1027	ALIGNMENT	B	8/5/2022

LEGEND:

PROPOSED 8" PIPELINE —————
RAVINE/CREEK —————
PARCELS —————
RIVER —————


 08/26/2022

Z:\7351_0002_Lincoln to Rockcastle\Cover\7351_0002_0001_8/4/2022 3:52:04 PM, Last Saved 8/2/2022 4:23:57 PM by CSALLEE, Last Plot 8/2/2022 3:52:04 PM by CHAD SALLEE



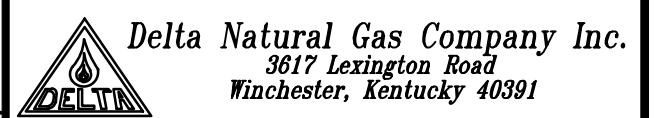
ISSUED FOR PSC FILING
 NOT FOR CONSTRUCTION
 8/5/2022



REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	JCS	ISSUED FOR REVIEW
B	8/5/2022	JCS	ISSUED FOR PSC FILING
----	----	----	----
----	----	----	----

OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: N.T.S.
CITY / TOWNSHIP: VARIES	COUNTY: LINC./ROCK.
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE		
GENERAL		
INDEX		
EnSiteUSA DWG NO. 0001	SHEET NO. SHEET 2	REV. B



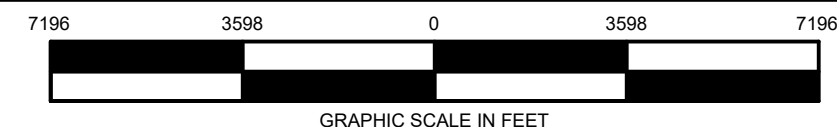
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



PROJECT LOCATION



08/26/2022

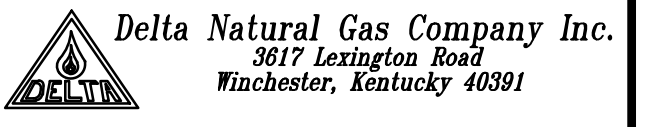


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	JCS	ISSUED FOR REVIEW
B	8/5/2022	JCS	ISSUED FOR PSC FILING
----	----	----	----
----	----	----	----

OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: N.T.S.
CITY / TOWNSHIP: VARIES	COUNTY: LINC./ROCK.
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE GENERAL DETAIL		
EnSiteUSA DWG NO. 0002	SHEET NO. SHEET 3	REV. B

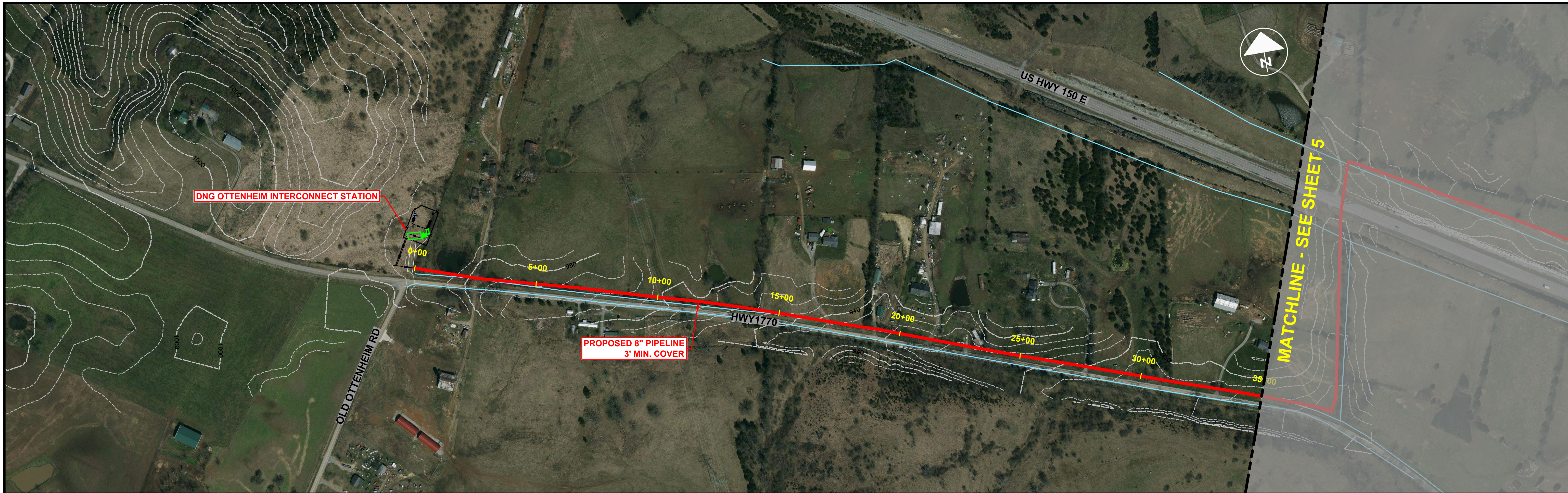


**ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022**

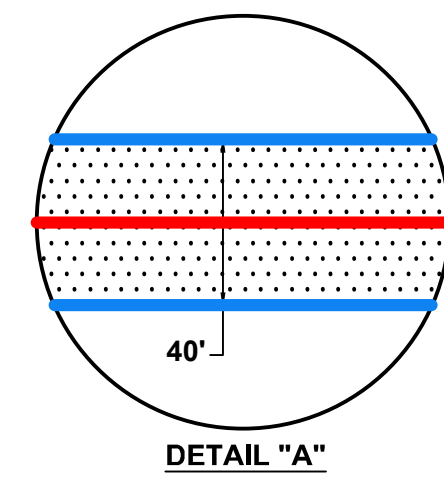


Z:\7351_0002_Lincoln to Rockcastle\Cover\7351_0002_000284\2022_3162_15 PM_Lincoln_Survey_8/3/2022_3:51:52 PM by CSALLEE; Last Plot: 8/4/2022 3:52:16 PM by CHAD SALLEE

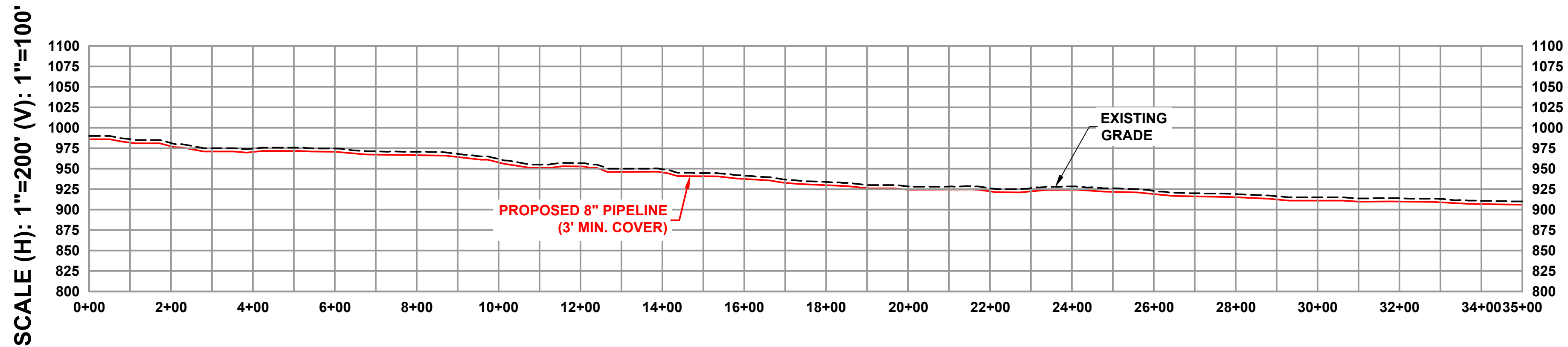
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



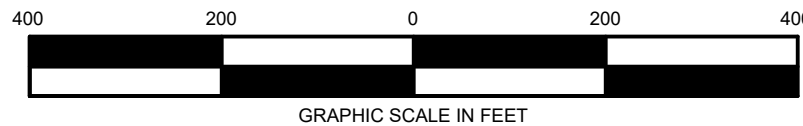
- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



**ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022**

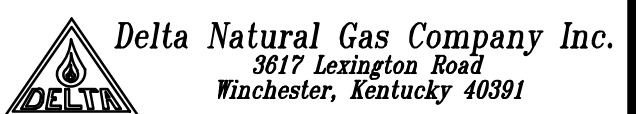


NOTE:
DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL.
THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	JCS	ISSUED FOR REVIEW
B	8/5/2022	AKB	ISSUED FOR PSC FILING
----	----	----	----
----	----	----	----

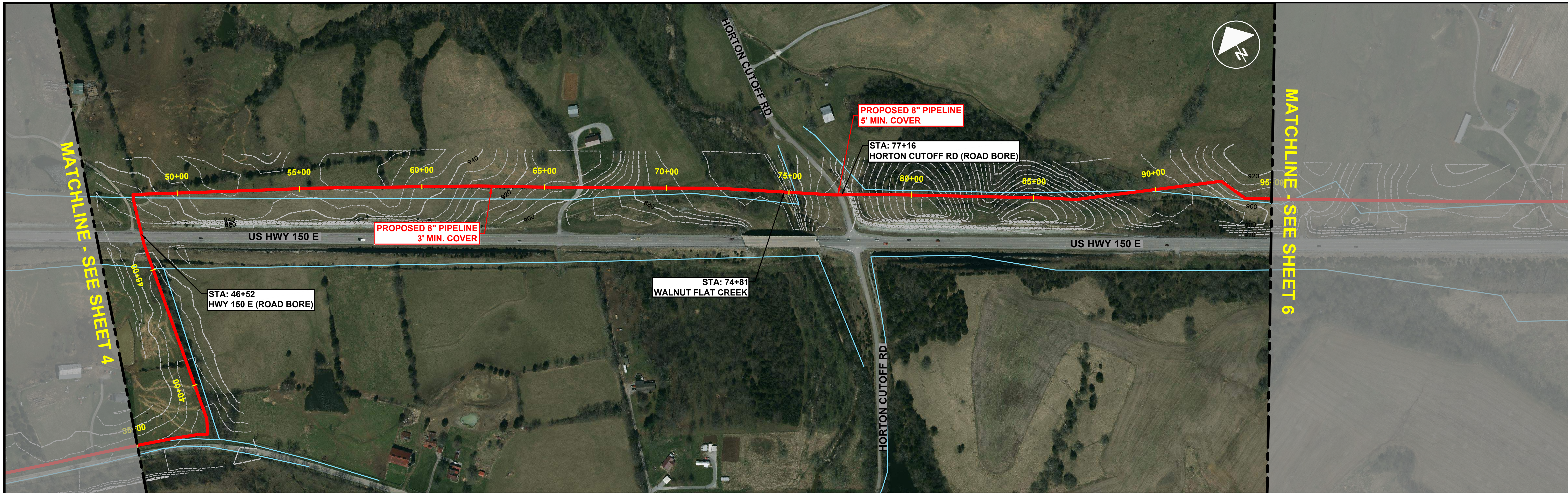
OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: LINCOLN
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1000	SHEET NO. SHEET 4	REV. B

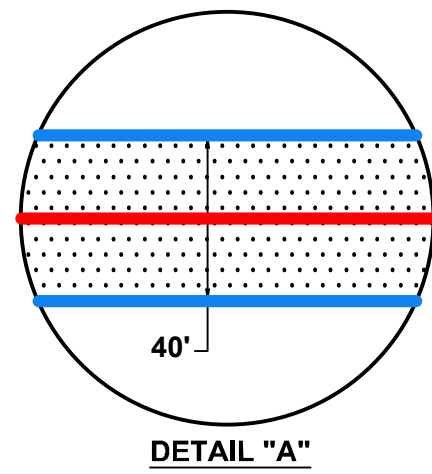


DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

Z:\7351_0002\InRoad to rockcastle\811-FL\7351_0002_1000\8/5/2022 2:34:15 PM, Last Saved 8/4/2022 2:33:23 PM by DHERNANDEZ, Last Plot 8/4/2022 2:34:15 PM by DANIELLE HERNANDEZ

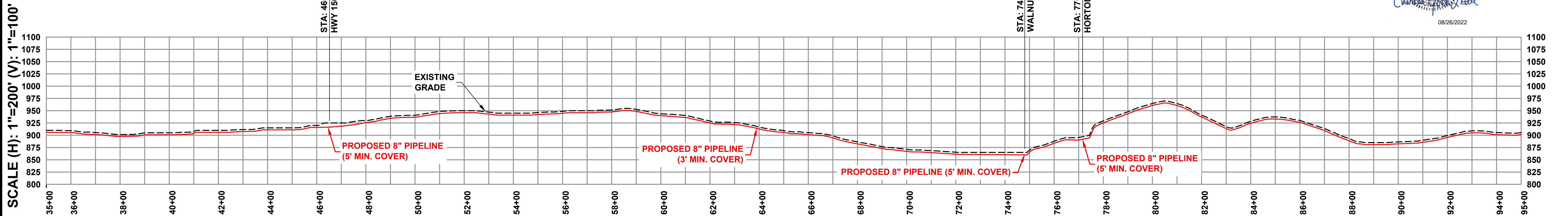


- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —

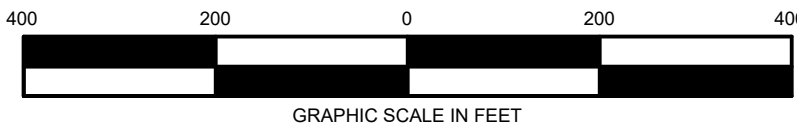


- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

CHARLES YORK LITTLE
 LICENSE NO. 30169
 STATE OF KENTUCKY
 08/26/2022



ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
 8/5/2022

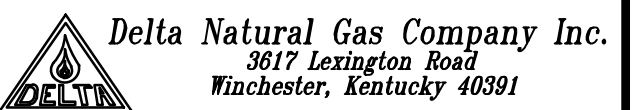


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	DH	ISSUED FOR PSC FILING
---	---	---	---
---	---	---	---

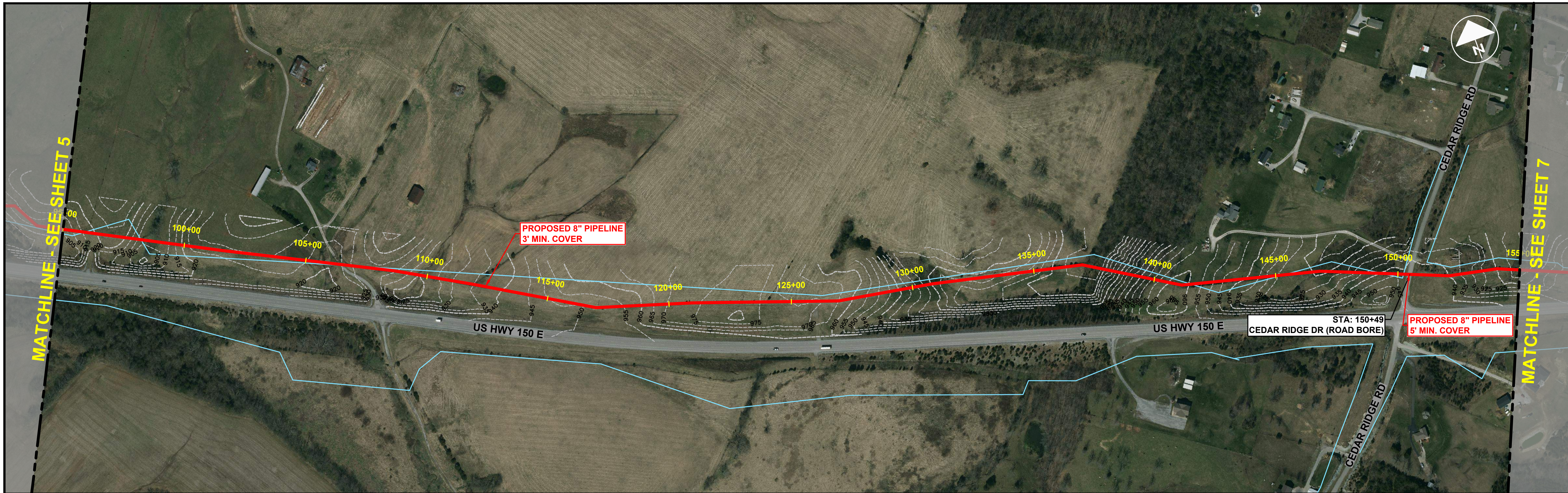
OPERATING CENTER: N/A	DIVISION: ---
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: LINCORN
STATE: KY	

LINCORN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1001	SHEET NO. SHEET 5	REV. B

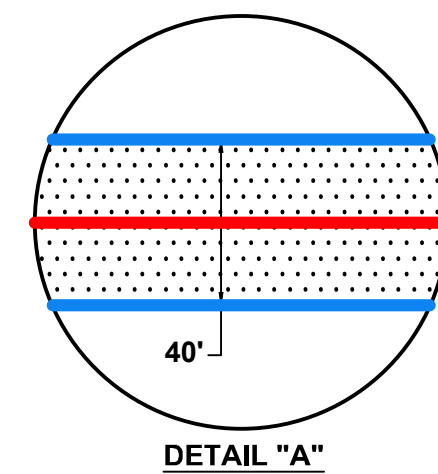


Z:\7351_0002\InRoad to rockcastle\811-FL\7351_0002_1001\8/5/2022 2:35:47 PM, Last Saved 8/4/2022 11:48:48 AM by KCGARDNER, Last Plot 8/4/2022 2:35:47 PM by DANIELLE HERNANDEZ

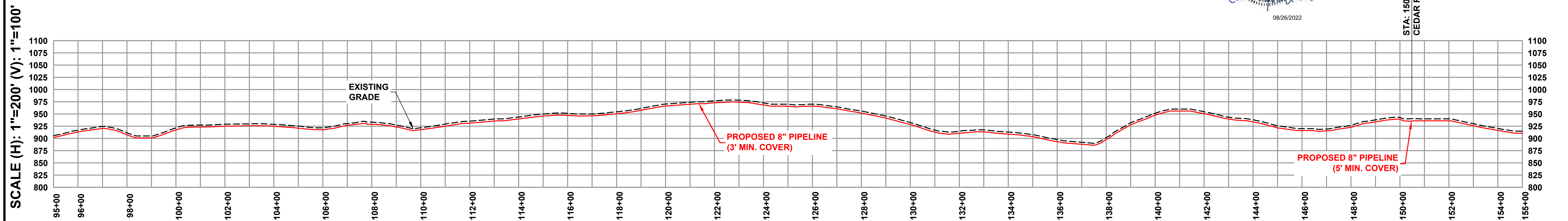
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



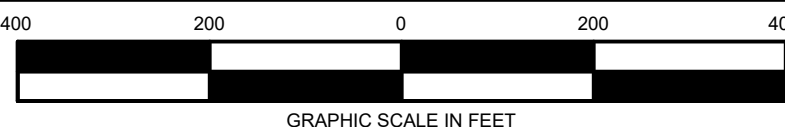
- LEGEND:**
- PROPOSED 8" PIPELINE ———
 - RAVINE/CREEK ———
 - PARCELS ———
 - RIVER ———



- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



**ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022**

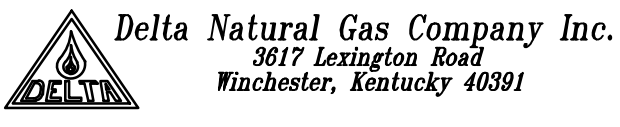


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	DH	ISSUED FOR PSC FILING

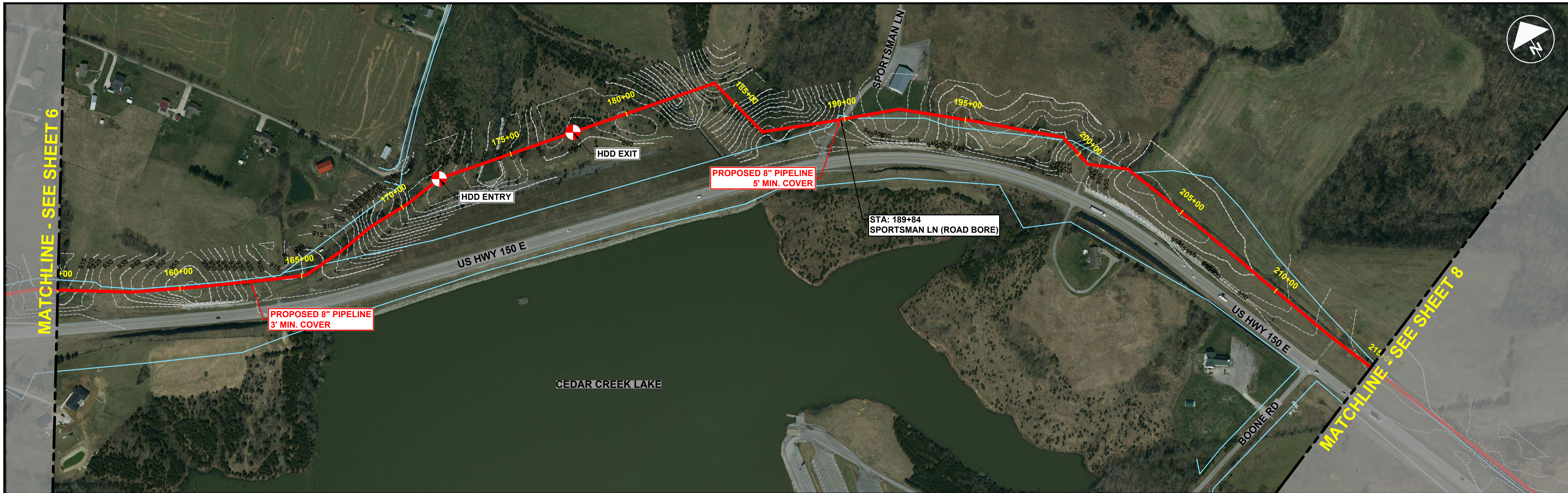
OPERATING CENTER:	N/A	DIVISION:	----
PROJECT#:	7351.0002	SCALE:	1" = 200'
CITY / TOWNSHIP:	VARIES	COUNTY:	LINCOLN
STATE:	----	STATE:	KY

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION			
PIPELINE ALIGNMENT			
EnSiteUSA DWG NO.	SHEET NO.	REV.	
1002	6	B	

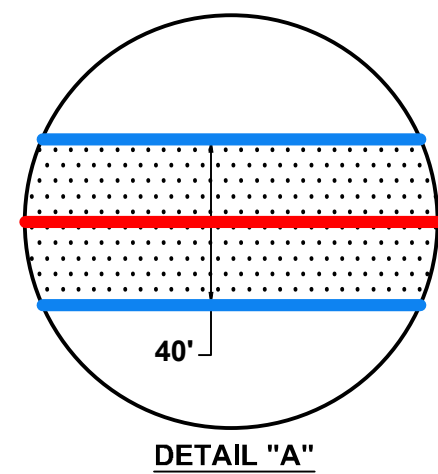


DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

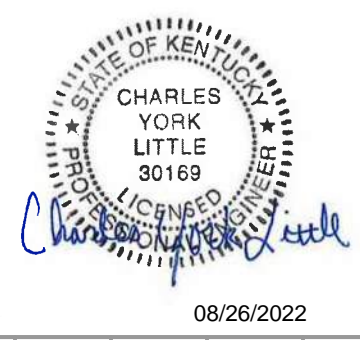
Z:\7351_0002\InRoad to rockcastle\1-FL\7351_0002_1002B\8/2022\2.37.40 PM, Last Saved 8/4/2022 11:26:27 AM by CSALLEE, Last Plot 8/4/2022 2:37:40 PM by DANIELLE HERNANDEZ



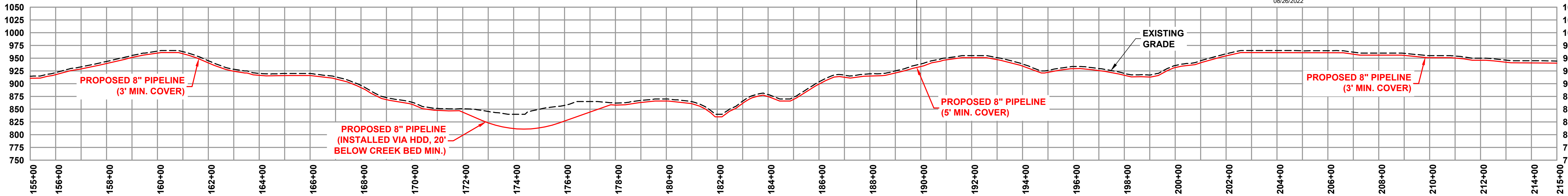
- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



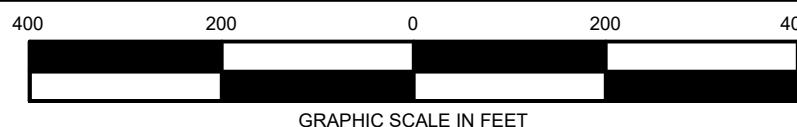
- NOTE:**
- PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 - THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 - 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



SCALE (H): 1"=200' (V): 1"=100'



ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022

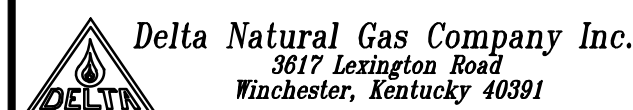


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	DH	ISSUED FOR PSC FILING
---	---	---	---
---	---	---	---

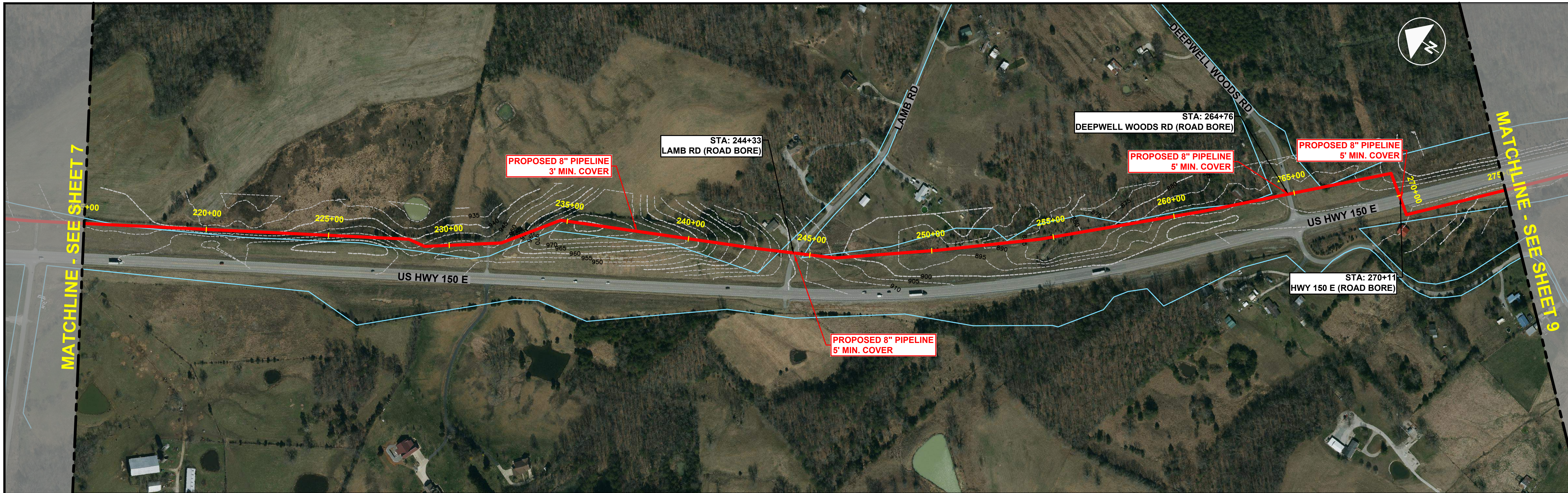
OPERATING CENTER: N/A	DIVISION: ---
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: LINCOLN
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1003	SHEET NO. SHEET 7	REV. B

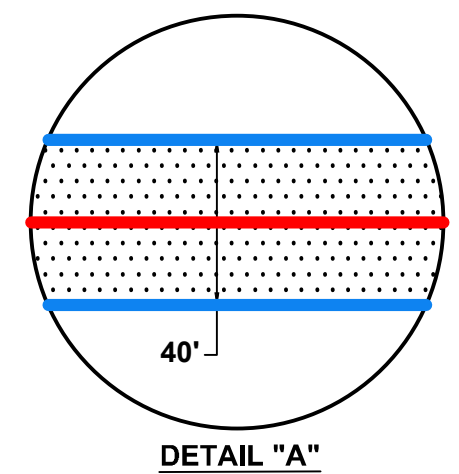


DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

Z:\7351_0002\Lincoln to Rockcastle\1-PL17351_0002_100384\2022_3-38-20 PM, Last Saved 8/4/2022 12:58:56 PM by KCGARDNER, Last Plot 8/4/2022 3:35:30 PM by AMBER BLOUNT

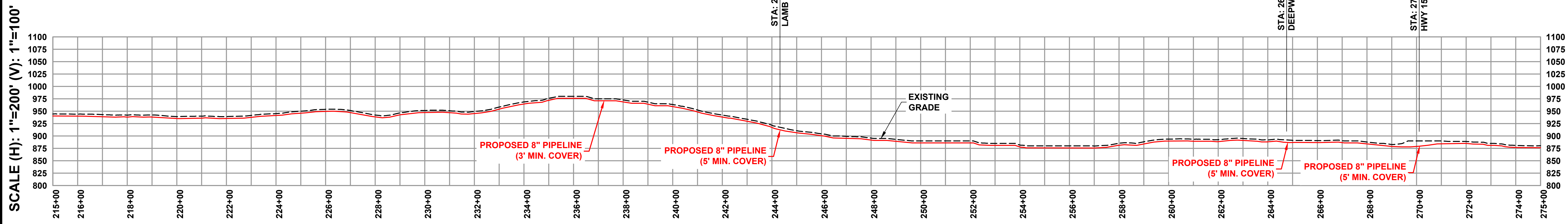


LEGEND:
 PROPOSED 8" PIPELINE
 RAVINE/CREEK
 PARCELS
 RIVER



Professional Engineer Seal for Charles York Little, State of Kentucky, License No. 30169, dated 08/26/2022.

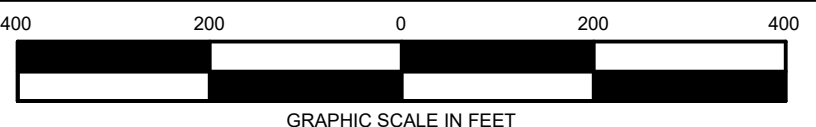
NOTE:
 1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



Z:\7351_0002_Lincoln to Rockcastle\811-F\7351_0002_100484\2022_3_30_13 PM_Land Speed 8/4/2022 12:25:04 PM by ABL\BL\JUN, Last Plot 8/4/2022 3:30:13 PM by AMBER BLOUNT



**ISSUED FOR PSC FILING
 NOT FOR CONSTRUCTION
 8/5/2022**

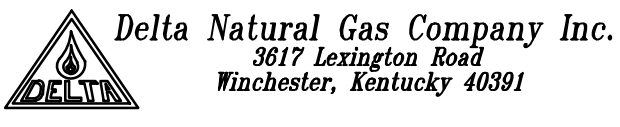


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

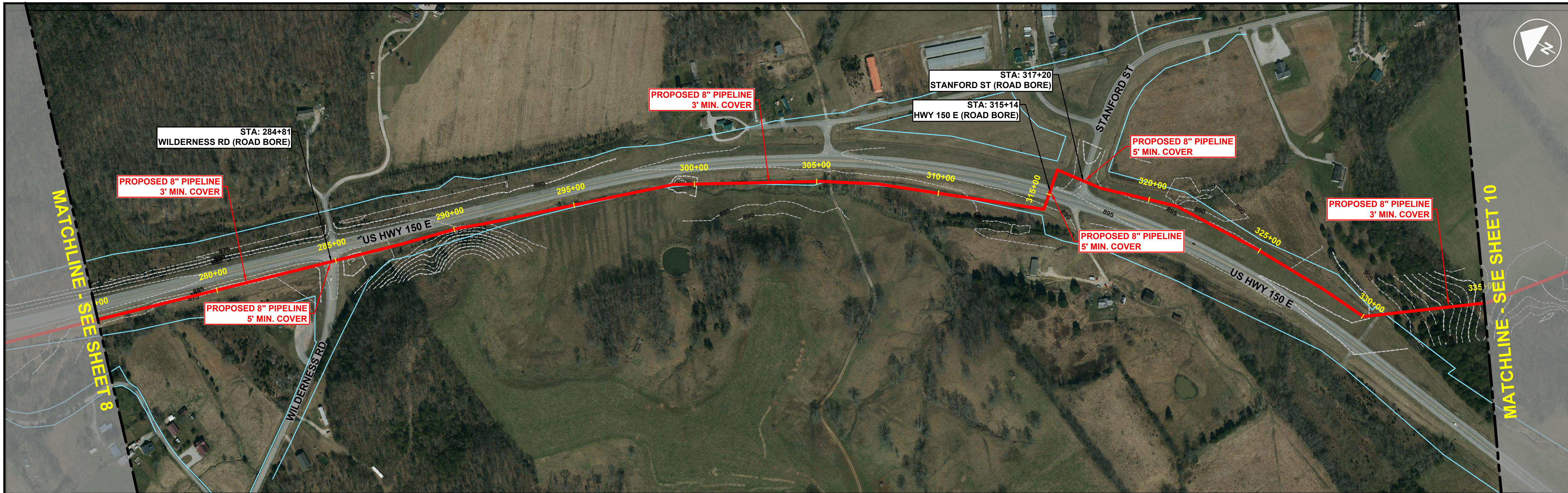
REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	AKB	ISSUED FOR PSC FILING

OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: LINCOLN
STATE: KY	

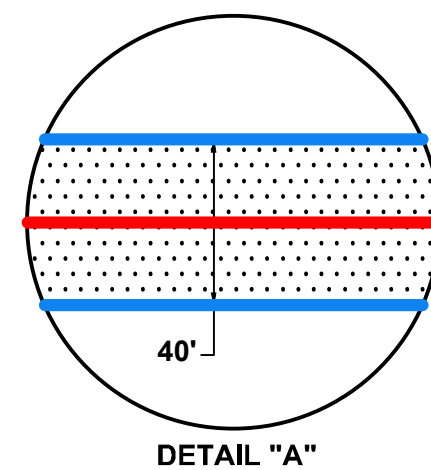
LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
ENSiteUSA DWG NO. 1004	SHEET NO. 8	REV. B



DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

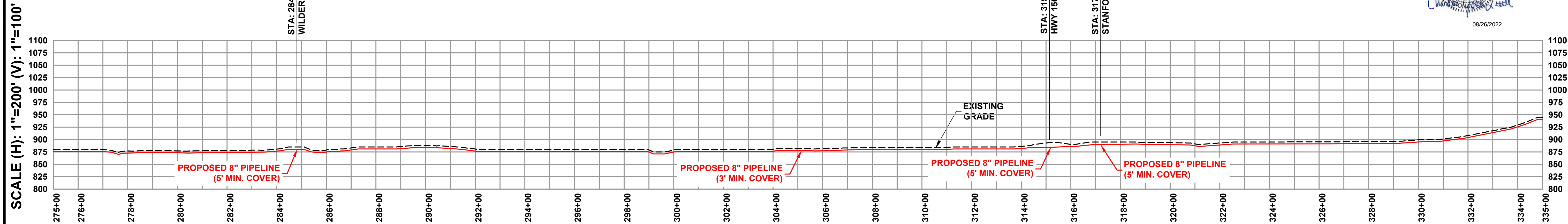


LEGEND:
 PROPOSED 8" PIPELINE
 RAVINE/CREEK
 PARCELS
 RIVER



- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 2. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

Professional Engineer Seal for Charles York Little, License No. 30169, State of Kentucky, dated 08/26/2022.



**ISSUED FOR PSC FILING
 NOT FOR CONSTRUCTION
 8/5/2022**

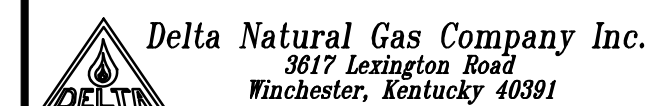


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS		OPERATING CENTER:	DIVISION:
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	DH	ISSUED FOR PSC FILING

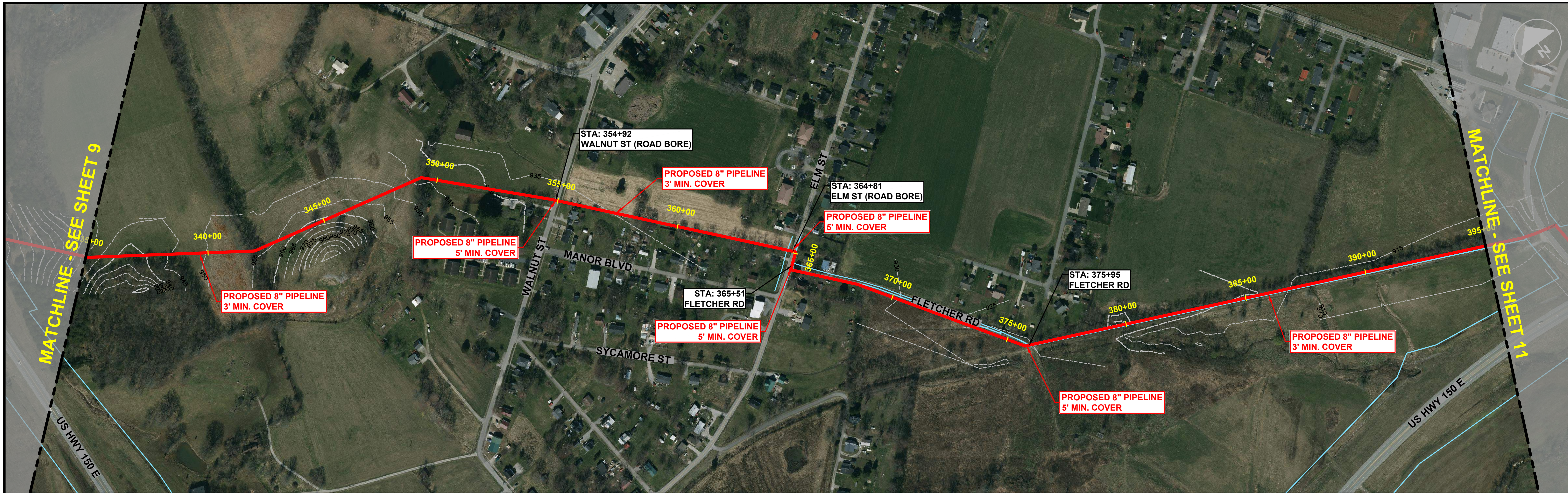
PROJECT#:	7351.0002	CITY / TOWNSHIP:	VARIES
SCALE:	1" = 200'	COUNTY:	LINCOLN
STATE:	KY		

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO.	SHEET NO.	REV.
1005	SHEET 9	B

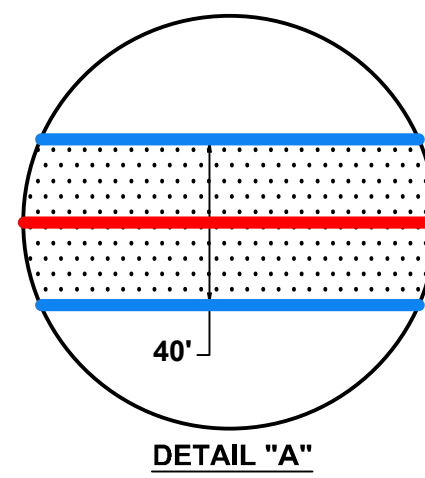


DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

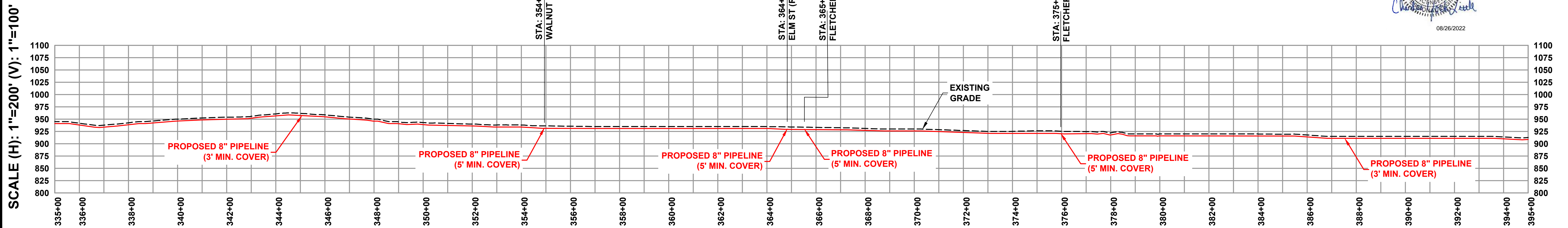
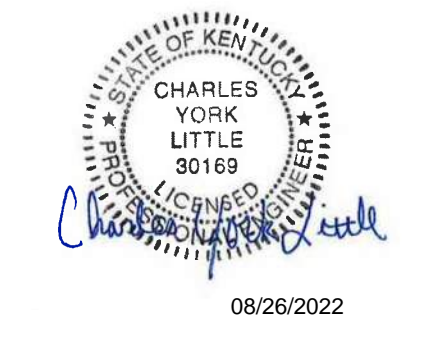
Z:\7351_0002_Lincoln to Rockcastle\1-PL\7351_0002_1005684\2022\3-14-12 PM by KGAARDNER, Last Plot: 8/4/2022 3:41:12 PM by AMBER BLOUIN



PROPOSED 8" PIPELINE ———
RAVINE/CREEK ———
PARCELS ———
RIVER ———



- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



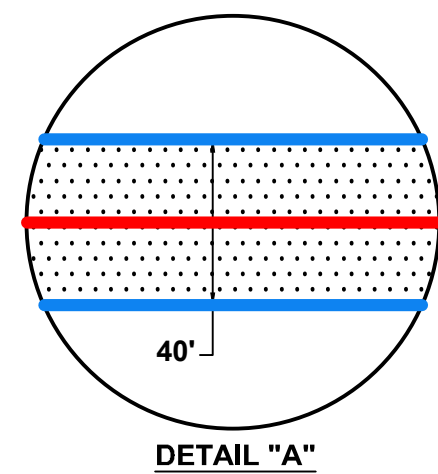
	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022			REVISIONS		OPERATING CENTER: N/A	DIVISION: ----	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION PIPELINE ALIGNMENT																				
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6/17/2022</td> <td>AGA</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>B</td> <td>8/5/2022</td> <td>AKB</td> <td>ISSUED FOR PSC FILING</td> </tr> <tr> <td>----</td> <td>----</td> <td>----</td> <td>----</td> </tr> <tr> <td>----</td> <td>----</td> <td>----</td> <td>----</td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION	A	6/17/2022		AGA	ISSUED FOR REVIEW	B	8/5/2022	AKB	ISSUED FOR PSC FILING	----	----	----	----	----	----	----	----	PROJECT#: 7351.0002	SCALE: 1" = 200'	CITY / TOWNSHIP: VARIES
NO.	DATE	BY	DESCRIPTION																									
A	6/17/2022	AGA	ISSUED FOR REVIEW																									
B	8/5/2022	AKB	ISSUED FOR PSC FILING																									
----	----	----	----																									
----	----	----	----																									

Z:\7351_0002\InRoad to rockcastle\811-FL\7351_0002_102184\2022\2_30_06 PM, Last Saved 8/4/2022 12:02:05 PM by ABLOUIN, Last Print 8/4/2022 2:30:06 PM by DANIELLE HERNANDEZ

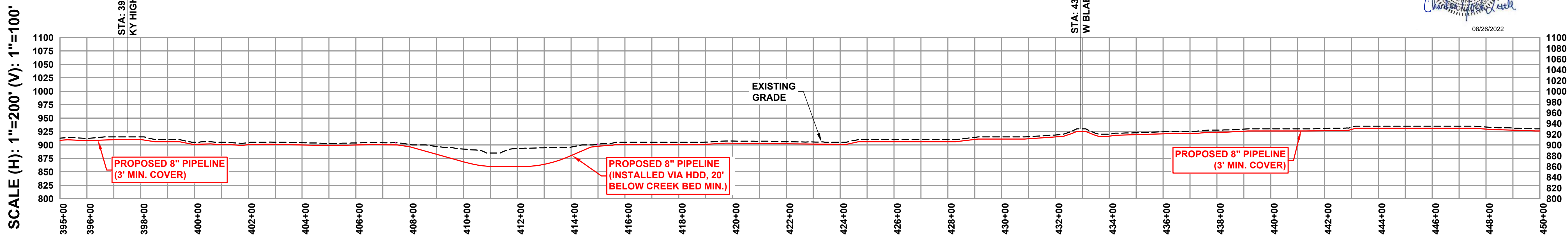
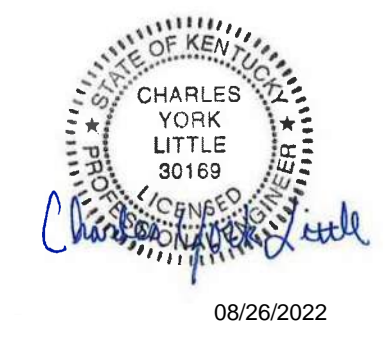
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



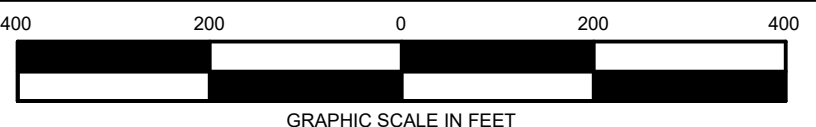
- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



Z:\7351_0002\InRoad to rockcastle\1-FL\7351_0002_1008\8/4/2022 2:40:06 PM, Last Saved 8/4/2022 12:05:32 PM by ABLOUIN, Last Print 8/4/2022 2:40:06 PM by DANIELLE HERNANDEZ



**ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022**

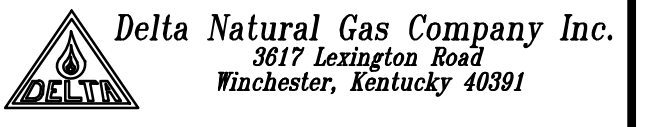


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

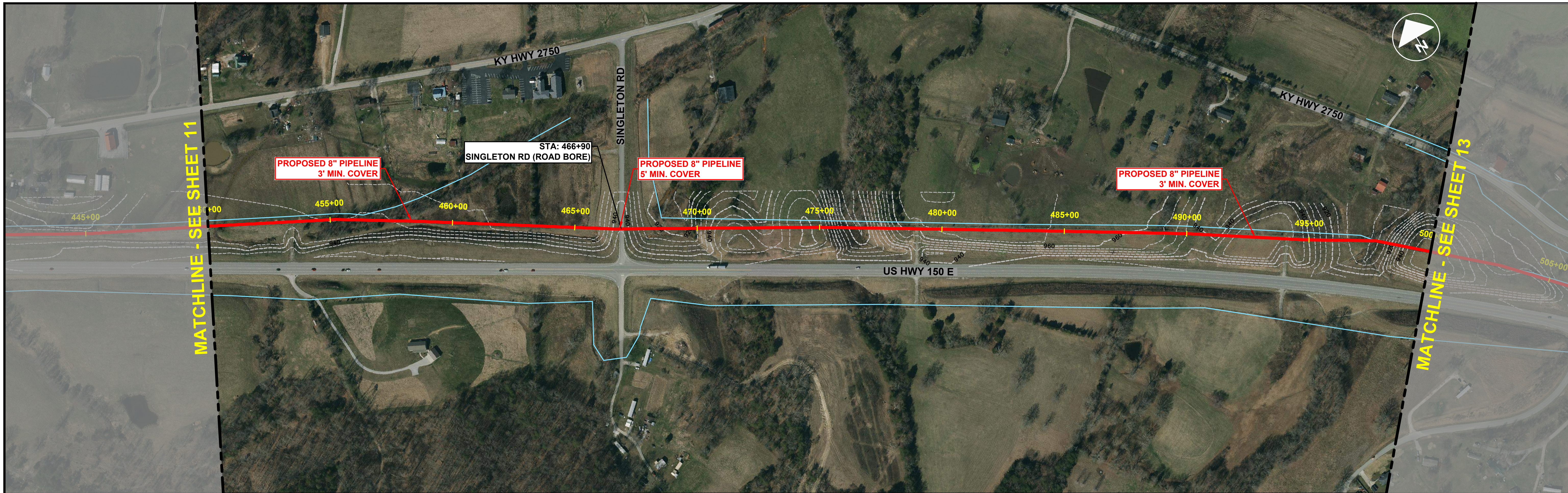
REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	JCS	ISSUED FOR PSC FILING
----	----	----	----
----	----	----	----

OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: LINCOLN
STATE: KY	

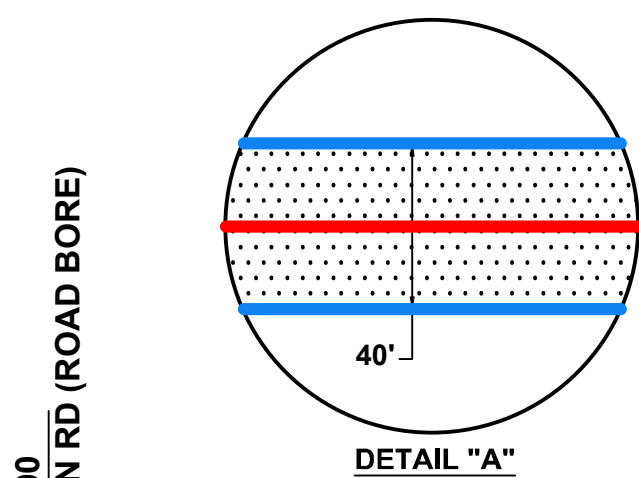
LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION			
PIPELINE ALIGNMENT			
EnSiteUSA DWG NO. 1006	SHEET NO. SHEET 11	REV. B	



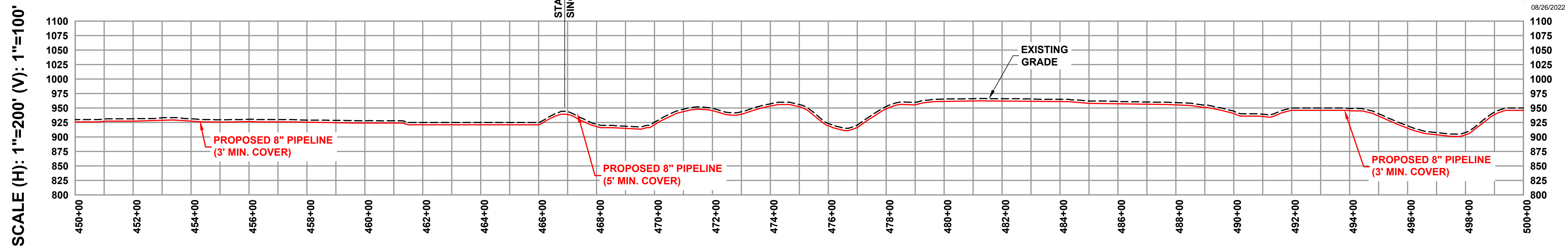
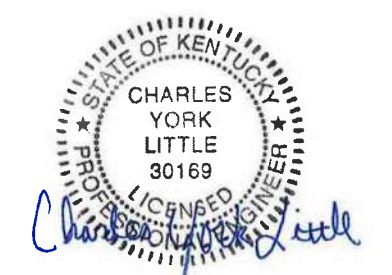
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



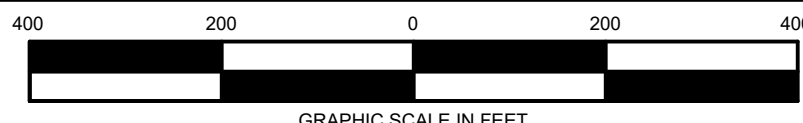
- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



Z:\7351_0002\InRoad to rockcastle\8\"/>



ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022

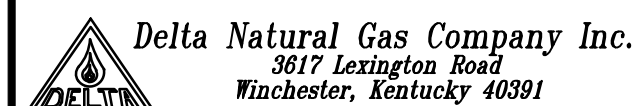


NOTE:
DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL.
THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

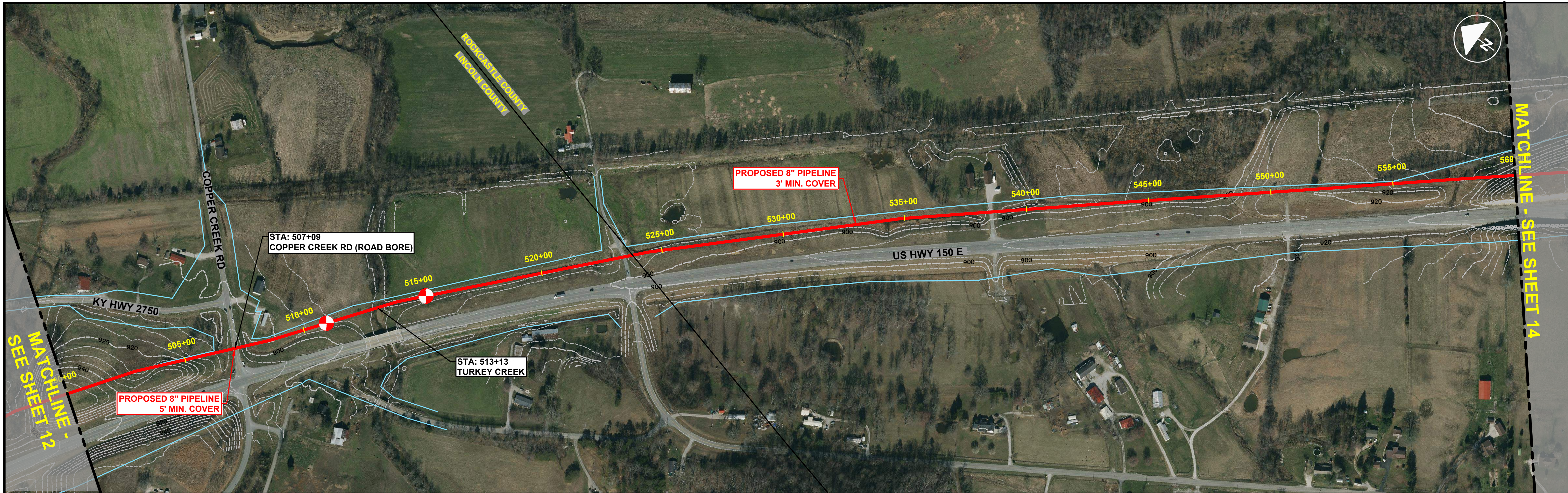
REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	JCS	ISSUED FOR PSC FILING

OPERATING CENTER: N/A		DIVISION: ----	
PROJECT#: 7351.0002	SCALE: 1" = 200'	CITY / TOWNSHIP: VARIES	
COUNTY: LINCOLN	STATE: KY		

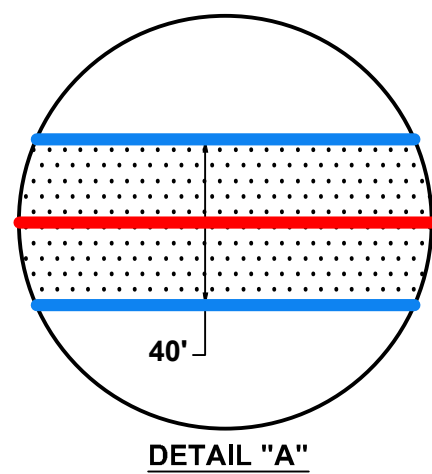
LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION			
PIPELINE ALIGNMENT			
EnSiteUSA DWG NO. 1008	SHEET NO. SHEET 12	REV. B	



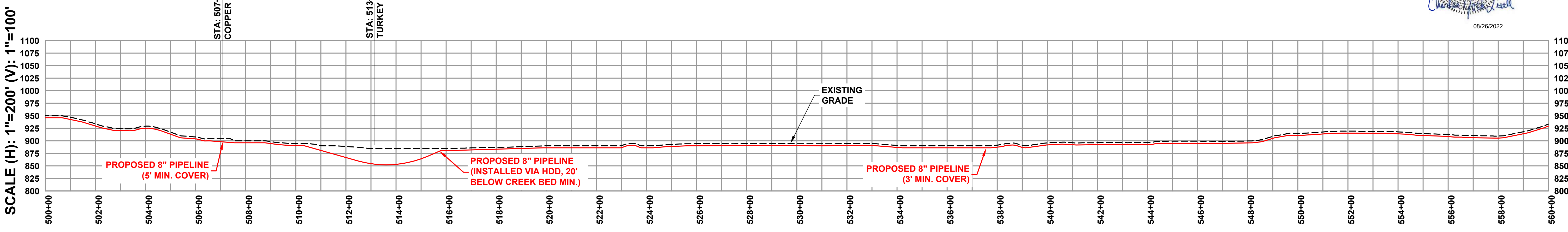
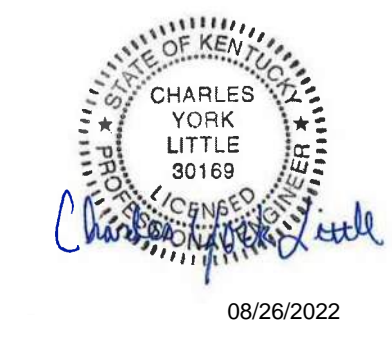
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



LEGEND:
PROPOSED 8" PIPELINE (Red line)
RAVINE/CREEK (Pink line)
PARCELS (Blue line)
RIVER (Black line)

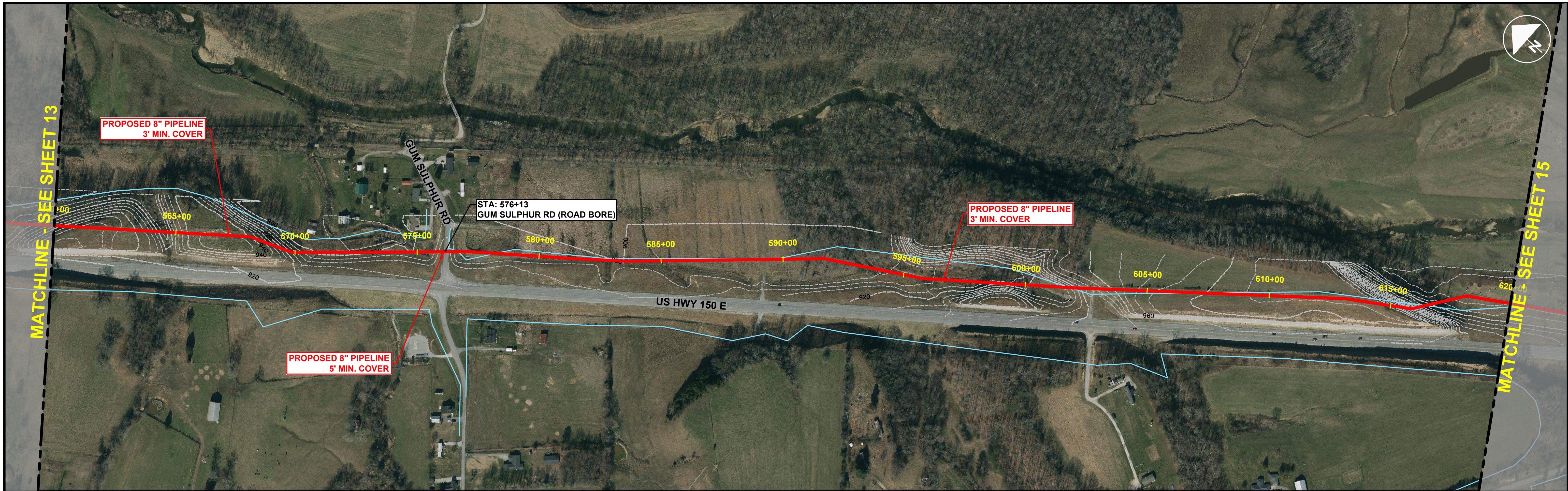


- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

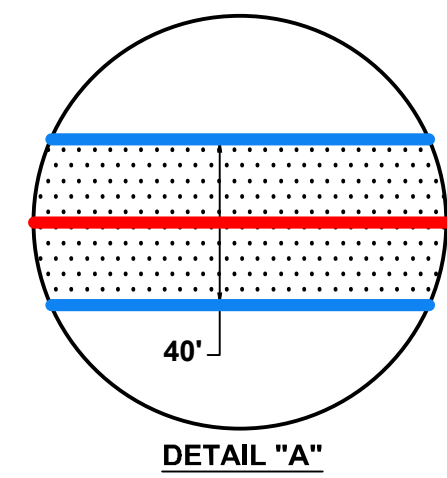


	<p style="border: 2px solid red; padding: 5px; text-align: center;">ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022</p>	Know what's below. Call 811 before you dig.		REVISIONS		OPERATING CENTER: N/A	DIVISION: ---	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION									
				<table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6/17/2022</td> <td>AGA</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>B</td> <td>8/5/2022</td> <td>DH</td> <td>ISSUED FOR PSC FILING</td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION	A	6/17/2022	AGA	ISSUED FOR REVIEW	B	8/5/2022	DH	ISSUED FOR PSC FILING	PROJECT#: 7351.0002
NO.	DATE	BY	DESCRIPTION														
A	6/17/2022	AGA	ISSUED FOR REVIEW														
B	8/5/2022	DH	ISSUED FOR PSC FILING														
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.				CITY / TOWNSHIP: VARIES	COUNTY: LINC./ROCK.	STATE: KY	EnSiteUSA DWG NO. 1009	SHEET NO. SHEET 13	REV. B	<p>Delta Natural Gas Company Inc. 3617 Lexington Road Winchester, Kentucky 40391</p>							

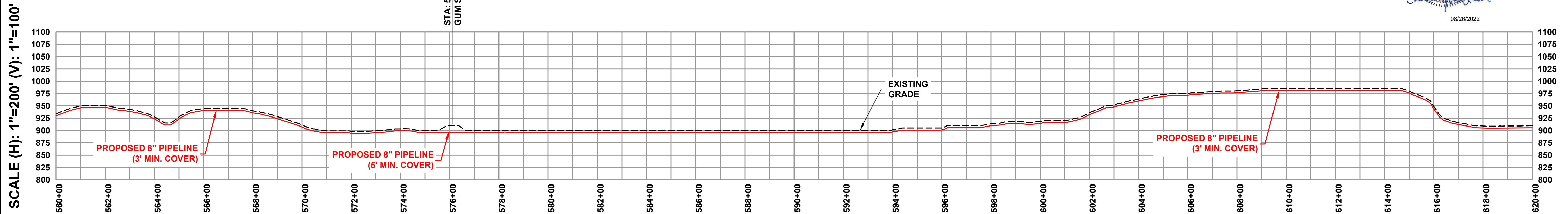
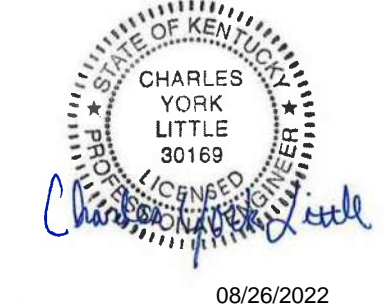
Z:\7351_0002\InRoad to rockcastle\1-FL\1751.0002_1009B\8/2022_2-42:02 PM, Last Saved 8/4/2022 2:42:02 PM by DHERNANDEZ, Last Plot 8/4/2022 2:42:02 PM by DANIELLE HERNANDEZ



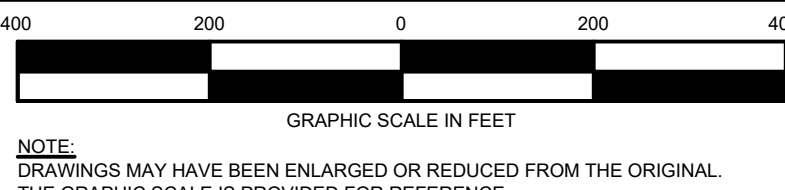
- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



- NOTE:**
- PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 - THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 - 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



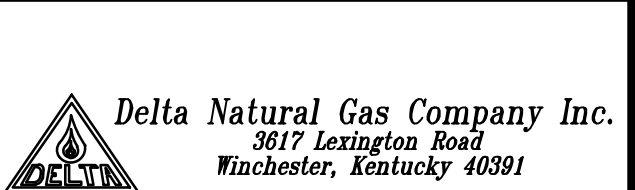
**ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022**



REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	AKB	ISSUED FOR PSC FILING

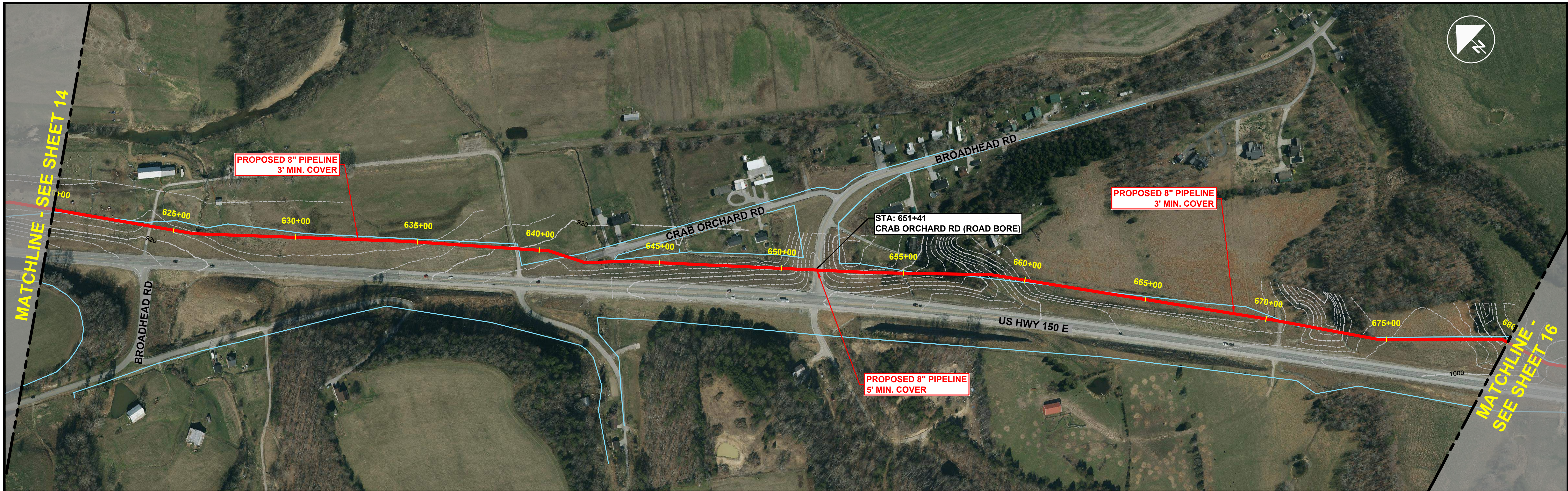
OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1010	SHEET NO. SHEET 14	REV. B

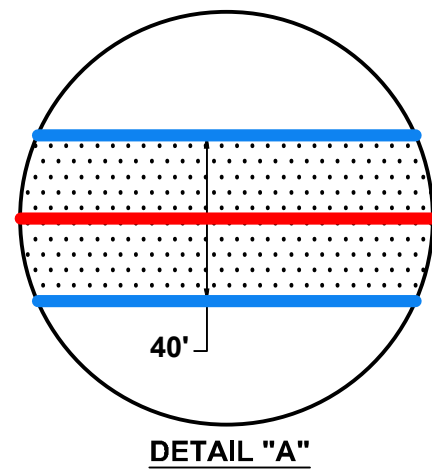


Z:\7351_0002\InRoad to rockcastle\1-FL\17351_0002_1010\8/5/2022 2:42:53 PM, Last Saved 8/4/2022 11:59:14 AM by DHERNANDEZ, Last Plot 8/4/2022 2:42:53 PM by DANIELLE HERNANDEZ

DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.

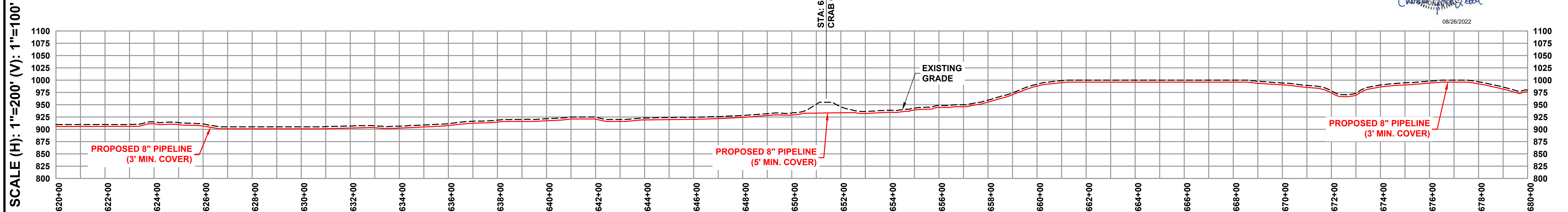


- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —

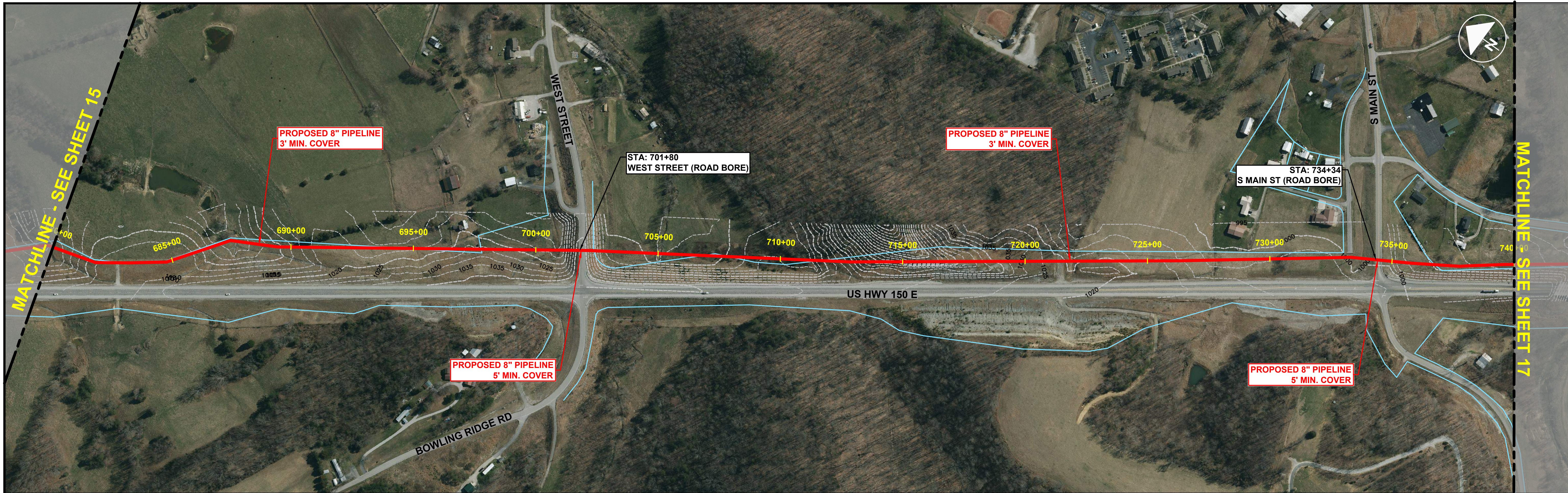


STA: 651+41
CRAB ORCHARD RD (ROAD BORE)

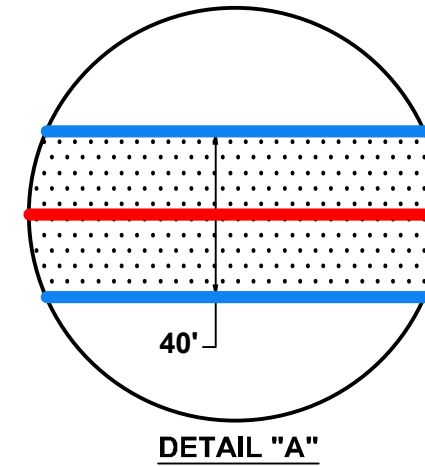
- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



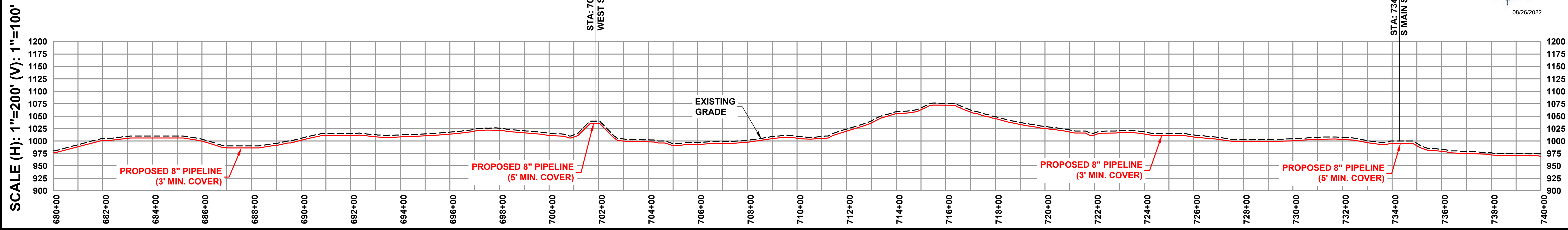
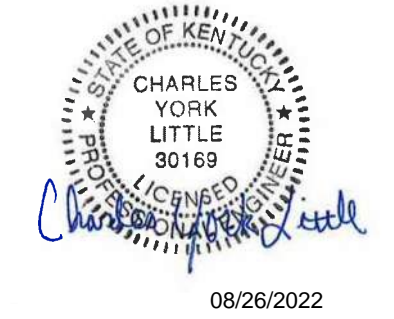
	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022			REVISIONS		OPERATING CENTER: N/A	DIVISION: ----	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
				PROJECT#: 7351.0002	SCALE: 1" = 200'	PIPELINE PIPELINE ALIGNMENT				
<small>NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.</small>				<small>DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.</small>	<small>NO. DATE BY DESCRIPTION</small> A 6/17/2022 AGA ISSUED FOR REVIEW B 8/5/2022 DH ISSUED FOR PSC FILING	<small>CITY / TOWNSHIP: COUNTY: STATE:</small> VARIES ROCKCASTLE KY	<small>EnSiteUSA DWG NO. SHEET NO. REV.</small> 1011 SHEET 15 B	 <small>Delta Natural Gas Company Inc. 3617 Lexington Road Winchester, Kentucky 40391</small>		



- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



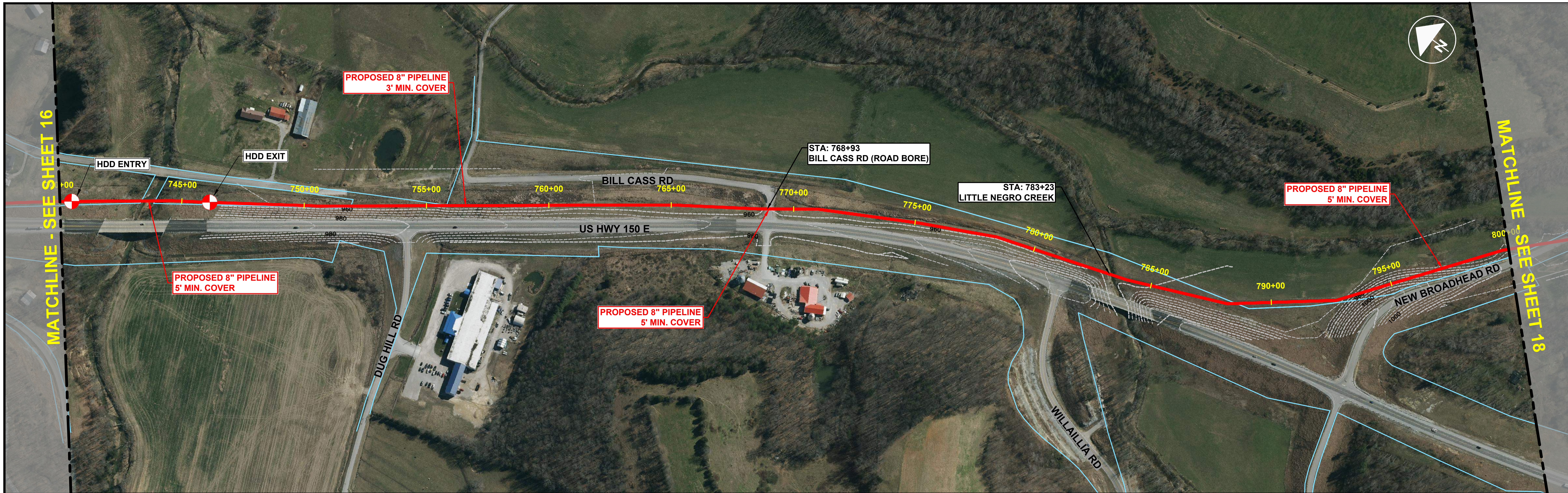
- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022	Know what's below. Call 811 before you dig.		REVISIONS		OPERATING CENTER: N/A	DIVISION: ----	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION																										
				<small>NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6/17/2022</td> <td>AGA</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>B</td> <td>8/5/2022</td> <td>DH</td> <td>ISSUED FOR PSC FILING</td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION	A	6/17/2022	AGA	ISSUED FOR REVIEW	B	8/5/2022	DH	ISSUED FOR PSC FILING	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PROJECT#:</td> <td>7351.0002</td> <td>SCALE:</td> <td>1" = 200'</td> </tr> <tr> <td>CITY / TOWNSHIP:</td> <td>VARIES</td> <td>COUNTY:</td> <td>ROCKCASTLE</td> </tr> <tr> <td>STATE:</td> <td>-----</td> <td>STATE:</td> <td>KY</td> </tr> </table>	PROJECT#:	7351.0002	SCALE:	1" = 200'	CITY / TOWNSHIP:	VARIES	COUNTY:	ROCKCASTLE	STATE:	-----	STATE:	KY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>EnSiteUSA DWG NO.</td> <td>1012</td> <td>SHEET NO.</td> <td>16</td> <td>REV.</td> <td>B</td> </tr> </table>	EnSiteUSA DWG NO.	1012	SHEET NO.
NO.	DATE	BY	DESCRIPTION																															
A	6/17/2022	AGA	ISSUED FOR REVIEW																															
B	8/5/2022	DH	ISSUED FOR PSC FILING																															
PROJECT#:	7351.0002	SCALE:	1" = 200'																															
CITY / TOWNSHIP:	VARIES	COUNTY:	ROCKCASTLE																															
STATE:	-----	STATE:	KY																															
EnSiteUSA DWG NO.	1012	SHEET NO.	16	REV.	B																													

Z:\7351.0002\Lincoln to Rockcastle\1-PL\7351.0002-10\28/08/2022 3:42:37 PM, Last Saved 8/4/2022 11:55:08 AM by ABL/OUN, Last Plot 8/4/2022 3:42:37 PM by AMBER BLOUIN

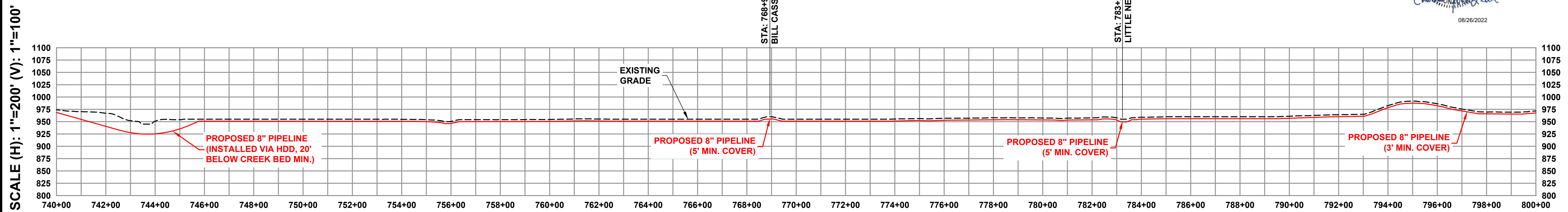
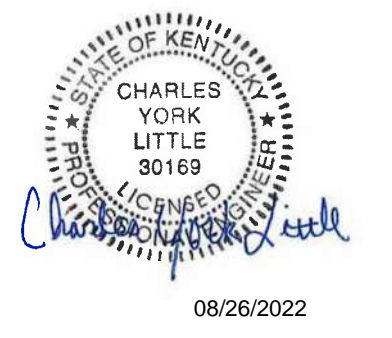
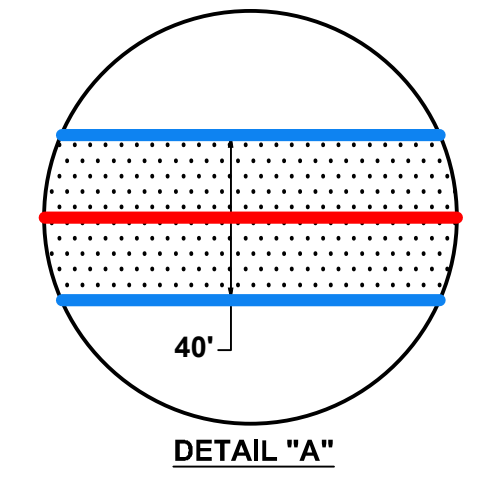
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



LEGEND:

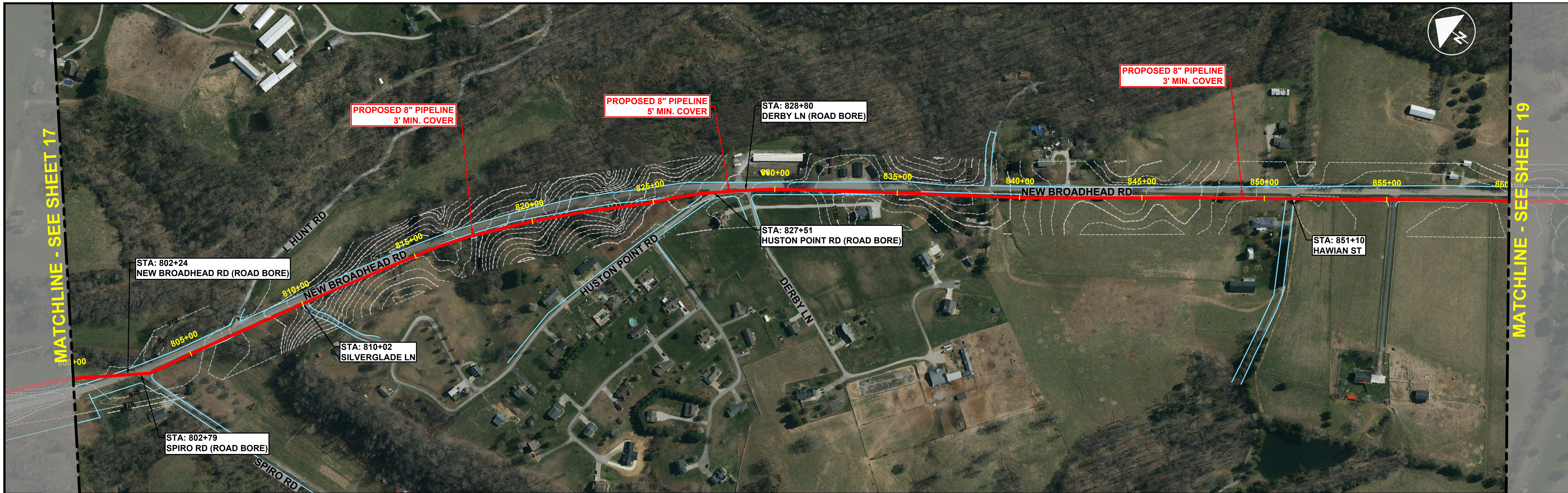
PROPOSED 8" PIPELINE	
RAVINE/CREEK	
PARCELS	
RIVER	

- NOTE:**
- PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 - THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 - 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

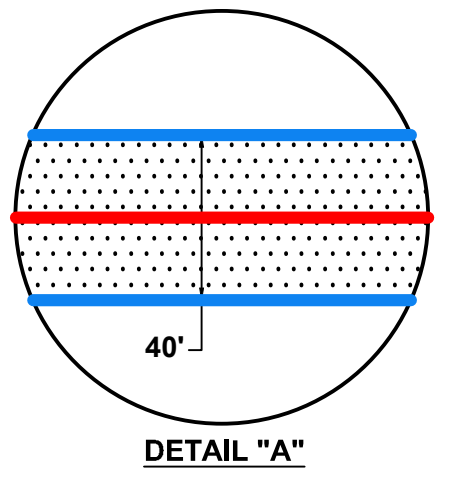


	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022			REVISIONS		OPERATING CENTER: N/A	DIVISION: ----	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION																	
				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6/17/2022</td> <td>AGA</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>B</td> <td>8/5/2022</td> <td>AKB</td> <td>ISSUED FOR PSC FILING</td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION	A	6/17/2022	AGA	ISSUED FOR REVIEW	B	8/5/2022	AKB	ISSUED FOR PSC FILING	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>PROJECT#: 7351.0002</td> <td>SCALE: 1" = 200'</td> </tr> <tr> <td>CITY / TOWNSHIP: VARIES</td> <td>COUNTY: ROCKCASTLE</td> </tr> <tr> <td>STATE: KY</td> <td></td> </tr> </table>	PROJECT#: 7351.0002	SCALE: 1" = 200'	CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE	STATE: KY		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">EnSiteUSA DWG NO. 1013</td> <td style="text-align: center;">SHEET NO. SHEET 17</td> <td style="text-align: center;">REV. B</td> </tr> </table>	EnSiteUSA DWG NO. 1013
NO.	DATE	BY	DESCRIPTION																						
A	6/17/2022	AGA	ISSUED FOR REVIEW																						
B	8/5/2022	AKB	ISSUED FOR PSC FILING																						
PROJECT#: 7351.0002	SCALE: 1" = 200'																								
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE																								
STATE: KY																									
EnSiteUSA DWG NO. 1013		SHEET NO. SHEET 17	REV. B																						
<p>DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.</p>																									

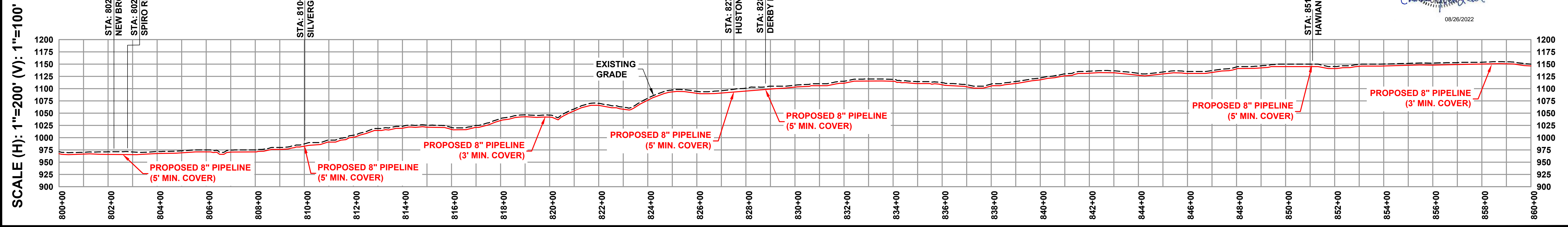
Z:\7351_0002_Lincoln to Rockcastle\1-PL\7351_0002_101384\2022_3:43:40 PM, Last Saved 8/4/2022 12:43:36 PM by DHERNANDEZ, Last Plot 8/4/2022 3:43:40 PM by AMBER BLOJIN



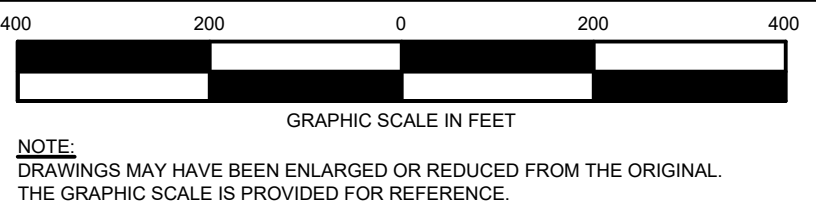
LEGEND:
PROPOSED 8" PIPELINE ———
RAVINE/CREEK ———
PARCELS ———
RIVER ———



- NOTE:**
- PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 - THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 - 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



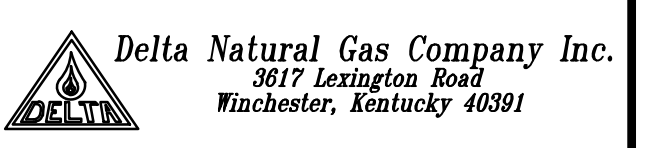
**ISSUED FOR PSC FILING
 NOT FOR CONSTRUCTION
 8/5/2022**



REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	DH	ISSUED FOR PSC FILING

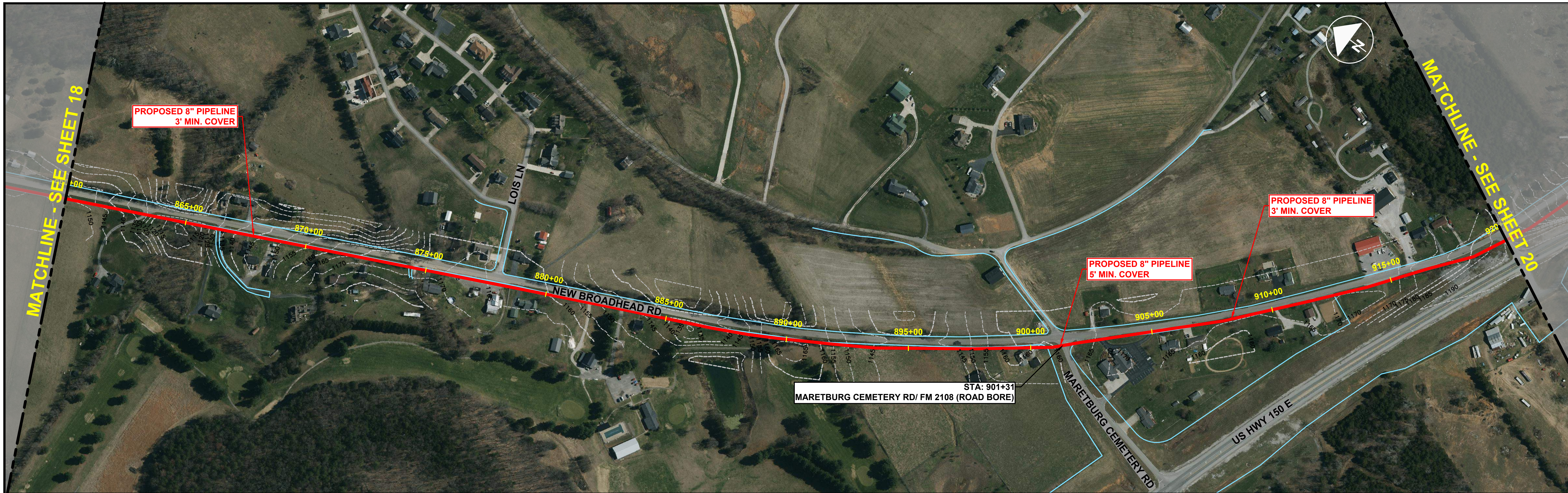
OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1022	SHEET NO. 18	REV. B

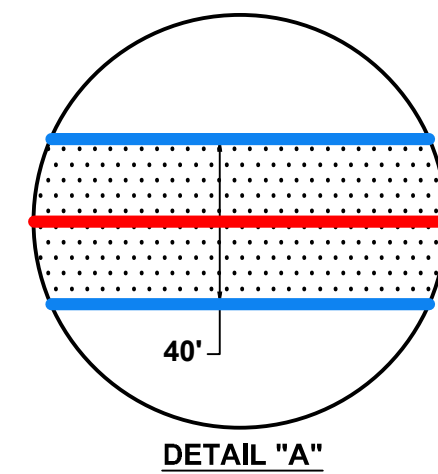


Z:\7351_0002\Lincoln to Rockcastle\1-PL\7351_0002_1022\8/2022\3-44-58 PM.dwg, Last Saved: 8/4/2022 3:44:58 PM by AMBER BLOUIN

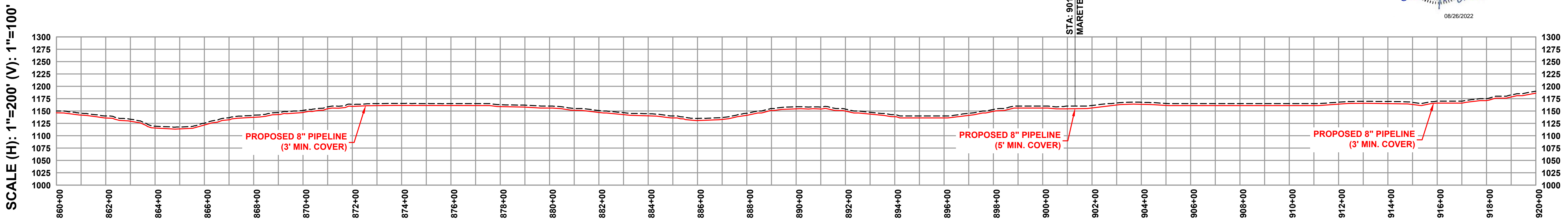
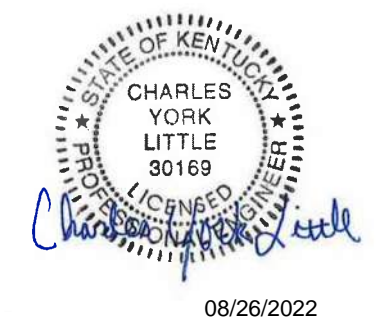
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



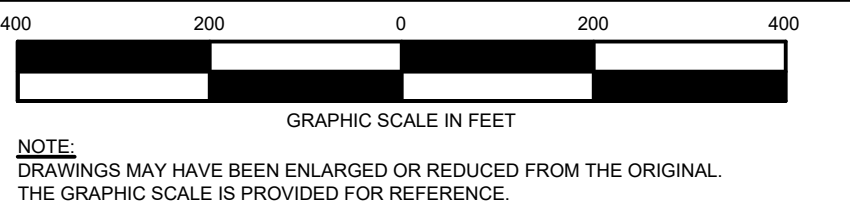
- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



**ISSUED FOR PSC FILING
NOT FOR CONSTRUCTION
8/5/2022**



REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	AKB	ISSUED FOR PSC FILING
---	---	---	---
---	---	---	---

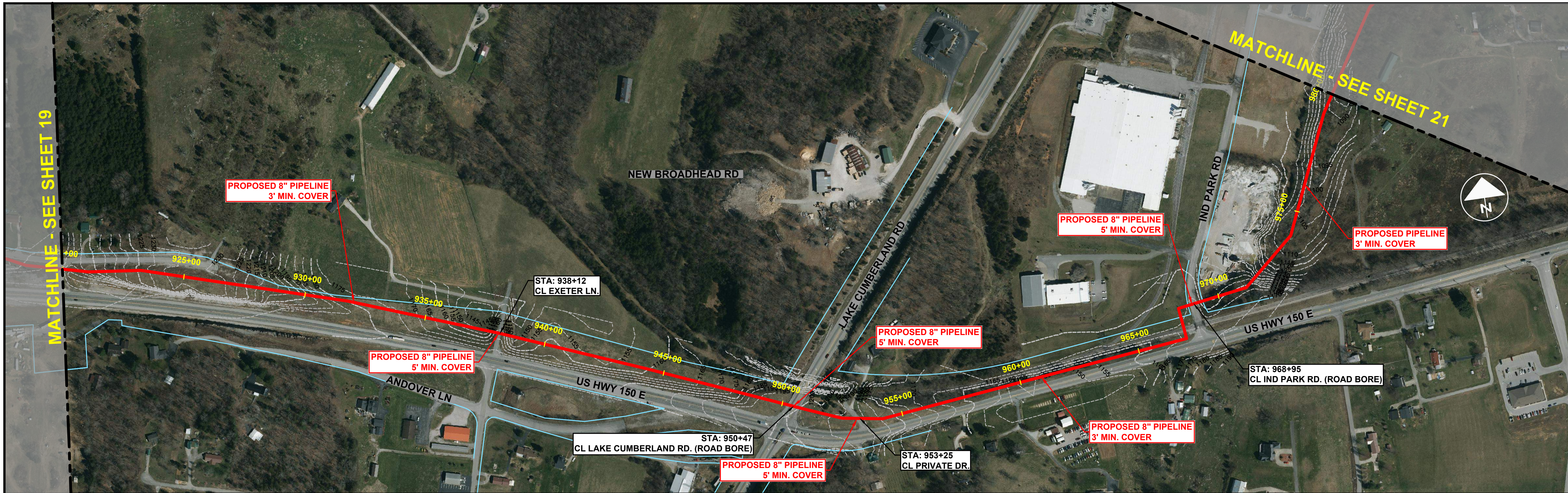
OPERATING CENTER: N/A	DIVISION: ---
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1023	SHEET NO. 19	REV. B

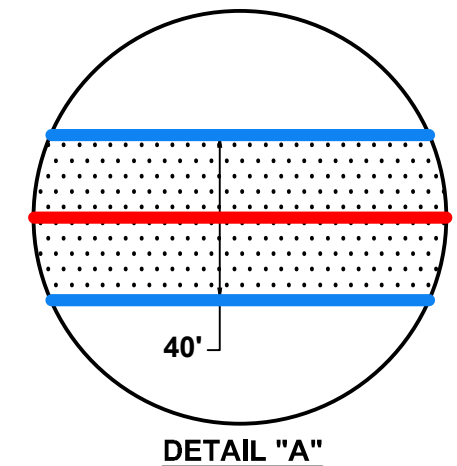


Z:\7351_0002_Lincoln to Rockcastle\1-PL7351_0002_1-023814\2022 3:47:09 PM, Last Saved 8/4/2022 11:56:48 AM by KCGARDNER, Last Plot 8/4/2022 3:47:09 PM by AMBER BLOUNT

DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



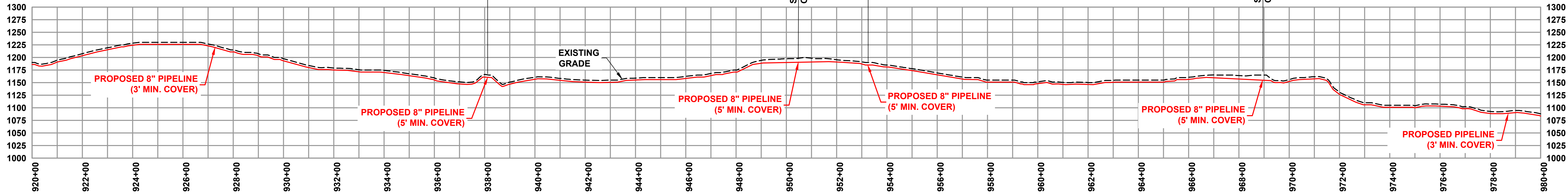
- LEGEND:**
- PROPOSED 8" PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

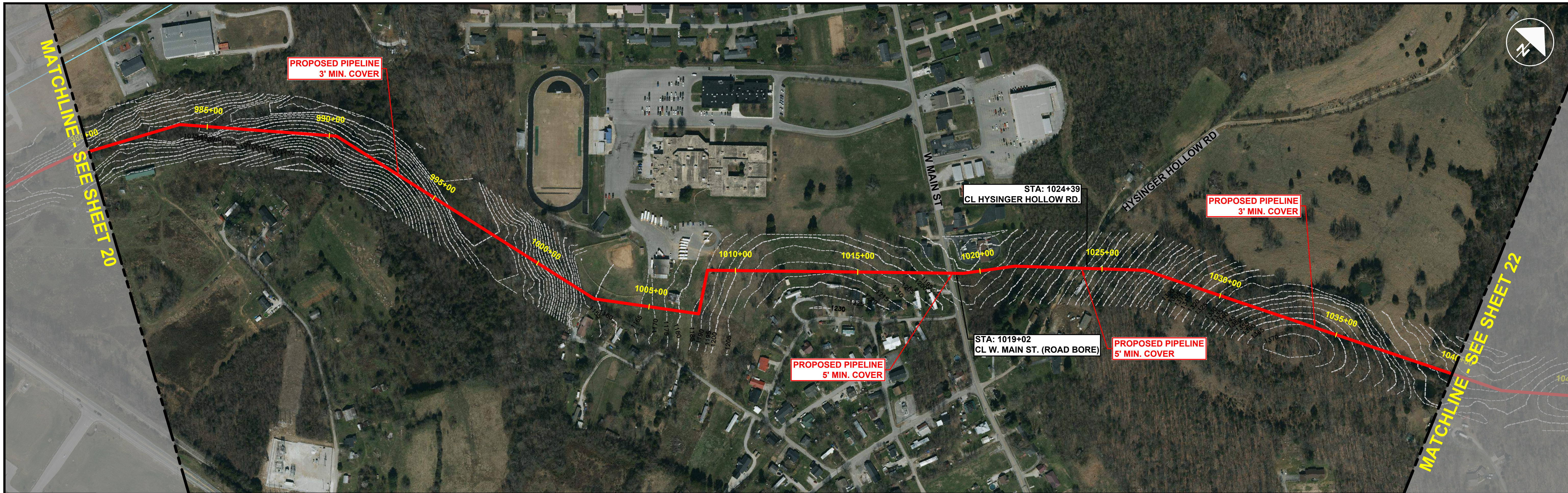


SCALE (H): 1"=200' (V): 1"=100'

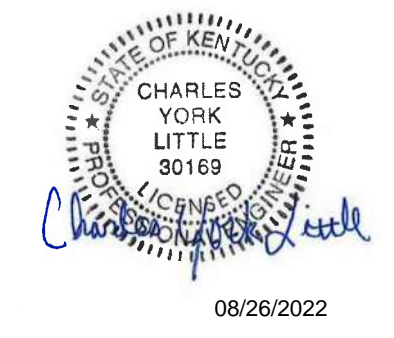
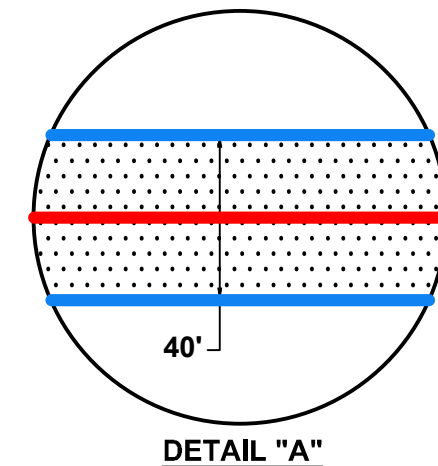


	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022			REVISIONS		OPERATING CENTER: N/A	DIVISION: ---	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION																			
				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6/17/2022</td> <td>AGA</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>B</td> <td>8/5/2022</td> <td>AKB</td> <td>ISSUED FOR PSC FILING</td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION	A	6/17/2022	AGA	ISSUED FOR REVIEW	B	8/5/2022	AKB	ISSUED FOR PSC FILING	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>PROJECT#: 7351.0002</td> <td>SCALE: 1" = 200'</td> </tr> <tr> <td>CITY / TOWNSHIP: VARIES</td> <td>COUNTY: ROCKCASTLE</td> </tr> <tr> <td>STATE: KY</td> <td></td> </tr> </table>	PROJECT#: 7351.0002	SCALE: 1" = 200'	CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE	STATE: KY		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;">PIPELINE ALIGNMENT</td> </tr> <tr> <td>EnSiteUSA DWG NO. 1024</td> <td>SHEET NO. 20</td> <td>REV. B</td> </tr> </table>	PIPELINE ALIGNMENT		
NO.	DATE	BY	DESCRIPTION																								
A	6/17/2022	AGA	ISSUED FOR REVIEW																								
B	8/5/2022	AKB	ISSUED FOR PSC FILING																								
PROJECT#: 7351.0002	SCALE: 1" = 200'																										
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE																										
STATE: KY																											
PIPELINE ALIGNMENT																											
EnSiteUSA DWG NO. 1024	SHEET NO. 20	REV. B																									

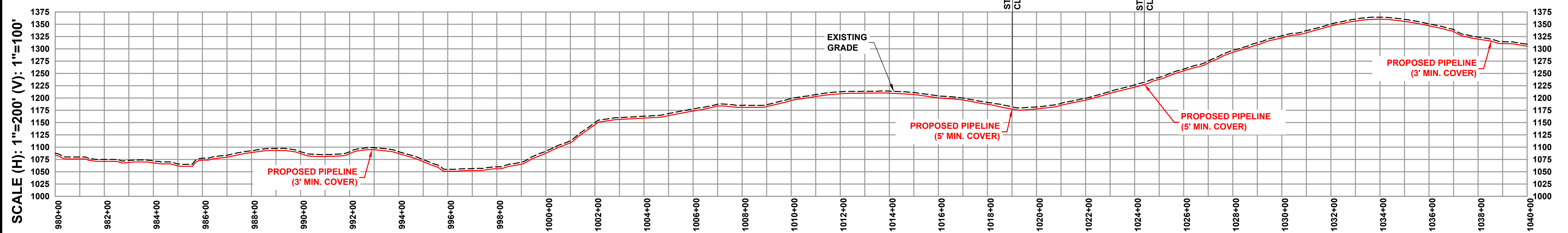
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



LEGEND:
PROPOSED PIPELINE ———
RAVINE/CREEK ———
PARCELS ———
RIVER ———

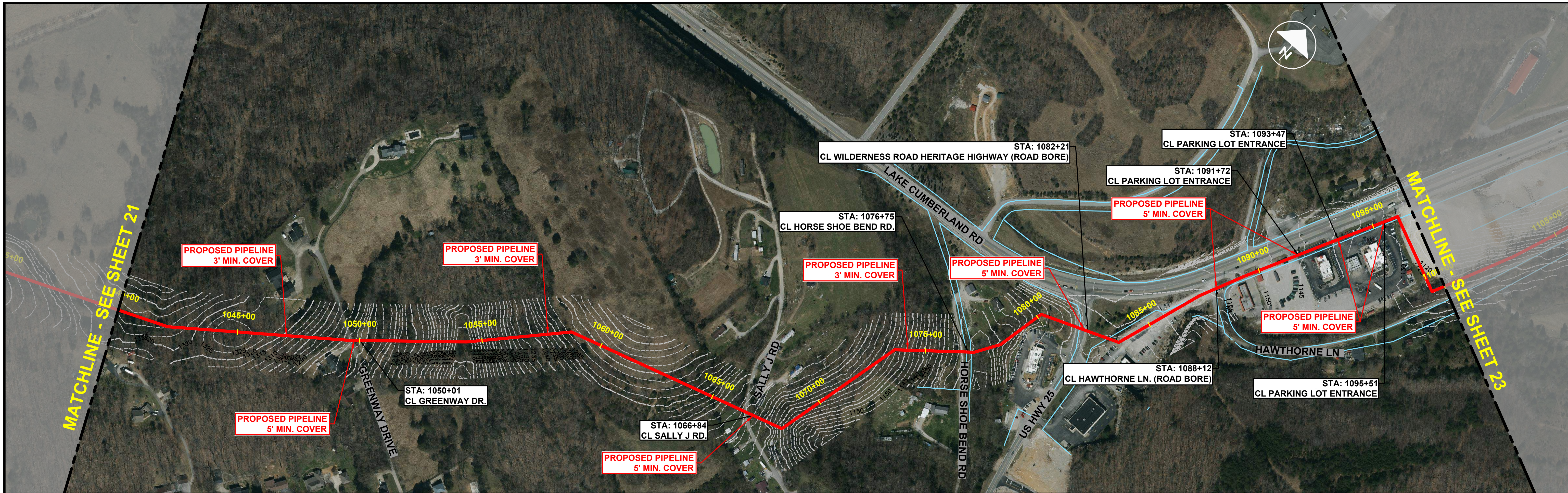


- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

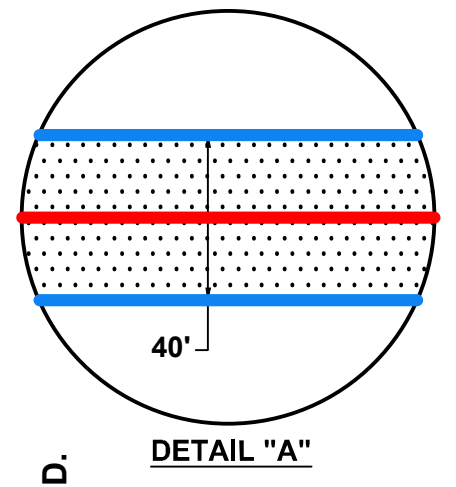
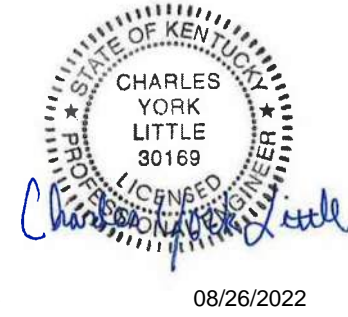


	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022			REVISIONS		OPERATING CENTER: N/A	DIVISION: ----	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION																												
				PROJECT#: 7351.0002	SCALE: 1" = 200'	PIPELINE ALIGNMENT																														
<small>NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.</small>				<small>DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>6/17/2022</td> <td>AGA</td> <td>ISSUED FOR REVIEW</td> </tr> <tr> <td>B</td> <td>8/5/2022</td> <td>KG</td> <td>ISSUED FOR PSC FILING</td> </tr> <tr> <td>----</td> <td>----</td> <td>----</td> <td>----</td> </tr> <tr> <td>----</td> <td>----</td> <td>----</td> <td>----</td> </tr> </tbody> </table>	NO.	DATE	BY	DESCRIPTION	A	6/17/2022	AGA	ISSUED FOR REVIEW	B	8/5/2022	KG	ISSUED FOR PSC FILING	----	----	----	----	----	----	----	----	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">CITY / TOWNSHIP: VARIES</td> <td style="width: 25%;">COUNTY: ROCKCASTLE</td> <td style="width: 25%;">STATE: KY</td> <td style="width: 25%;"></td> </tr> </table>	CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE	STATE: KY		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">EnSiteUSA DWG NO. 1025</td> <td style="width: 25%;">SHEET NO. SHEET 21</td> <td style="width: 25%;">REV. B</td> <td style="width: 25%;"></td> </tr> </table>	EnSiteUSA DWG NO. 1025	SHEET NO. SHEET 21	REV. B		<p style="font-size: x-small;">Delta Natural Gas Company Inc. 3617 Lexington Road Winchester, Kentucky 40391</p>
NO.	DATE	BY	DESCRIPTION																																	
A	6/17/2022	AGA	ISSUED FOR REVIEW																																	
B	8/5/2022	KG	ISSUED FOR PSC FILING																																	
----	----	----	----																																	
----	----	----	----																																	
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE	STATE: KY																																		
EnSiteUSA DWG NO. 1025	SHEET NO. SHEET 21	REV. B																																		

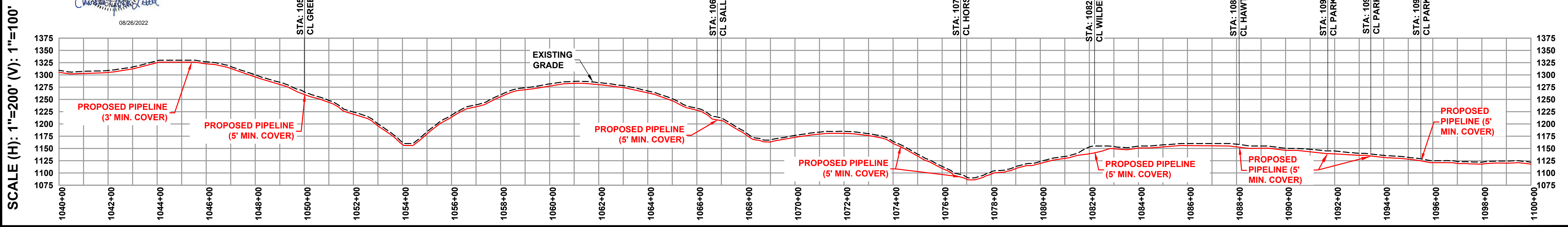
Z:\7351_0002\Lincoln to Rockcastle\1-PL\7351_0002\1025\8/5/2022\3.54.23 PM by CSALLEE, Last Plot 8/5/2022 5:32:15 PM by BRANDON KEY



LEGEND:
PROPOSED PIPELINE (Red line)
RAVINE/CREEK (Pink line)
PARCELS (Blue line)
RIVER (Black line)

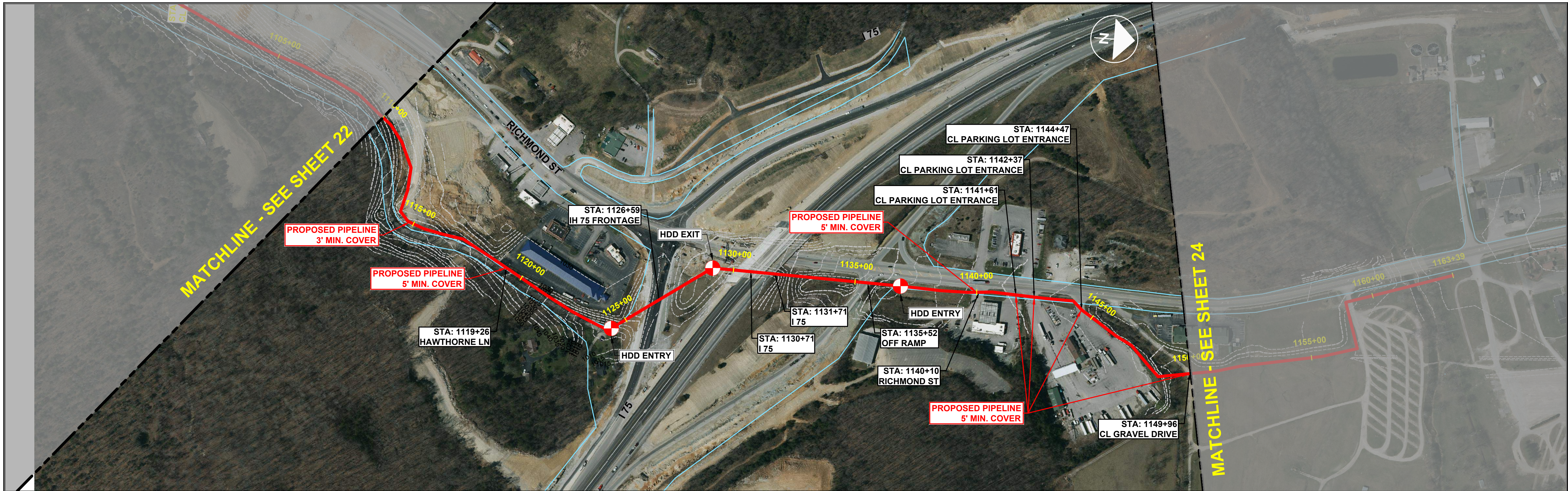


NOTE:
 1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

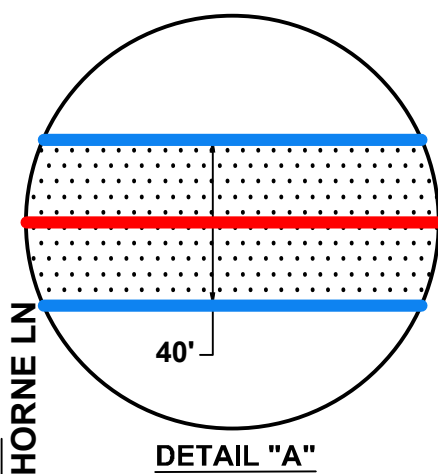


	ISSUED FOR PSC FILING NOT FOR CONSTRUCTION 8/5/2022			REVISIONS		OPERATING CENTER: N/A	DIVISION: ---	LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
				NO. DATE BY DESCRIPTION	PROJECT#: 7351.0002	SCALE: 1" = 200'	PIPELINE ALIGNMENT			
DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.				CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE	STATE: KY	EnSiteUSA DWG NO. 1026	SHEET NO. 22	REV. B	Delta Natural Gas Company Inc. 3617 Lexington Road Winchester, Kentucky 40391

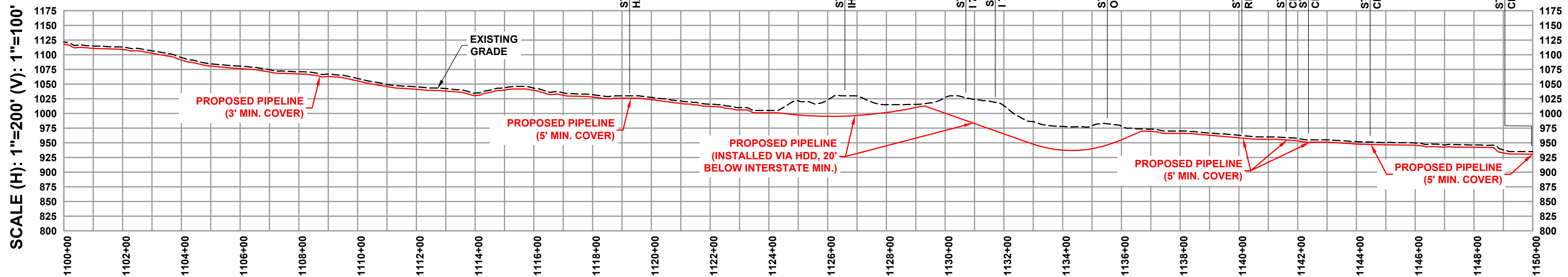
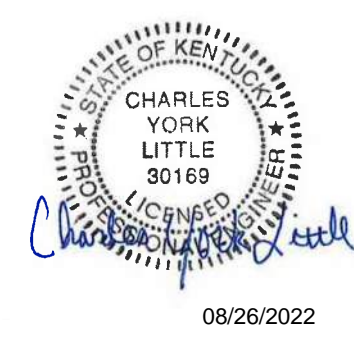
Z:\7351_0002_Lincoln to Rockcastle\1-PL\7351_0002_1026\8/5/2022 3:48:54 PM by CSALLEE, Last Plot 8/5/2022 5:25:51 PM by BRANDON KEY



LEGEND:
 PROPOSED PIPELINE
 RAVINE/CREEK
 PARCELS
 RIVER



- NOTE:**
- PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 - 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.



**ISSUED FOR PSC FILING
 NOT FOR CONSTRUCTION
 8/5/2022**

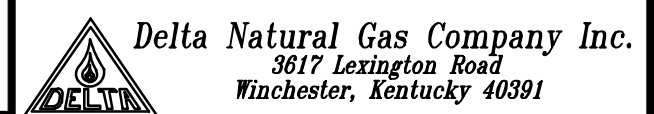


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS		
NO.	DATE	DESCRIPTION
A	6/17/2022	AGA ISSUED FOR REVIEW
B	8/5/2022	KG ISSUED FOR PSC FILING
---	---	---
---	---	---

OPERATING CENTER: N/A	DIVISION: ---
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1020	SHEET NO. 23	REV. B

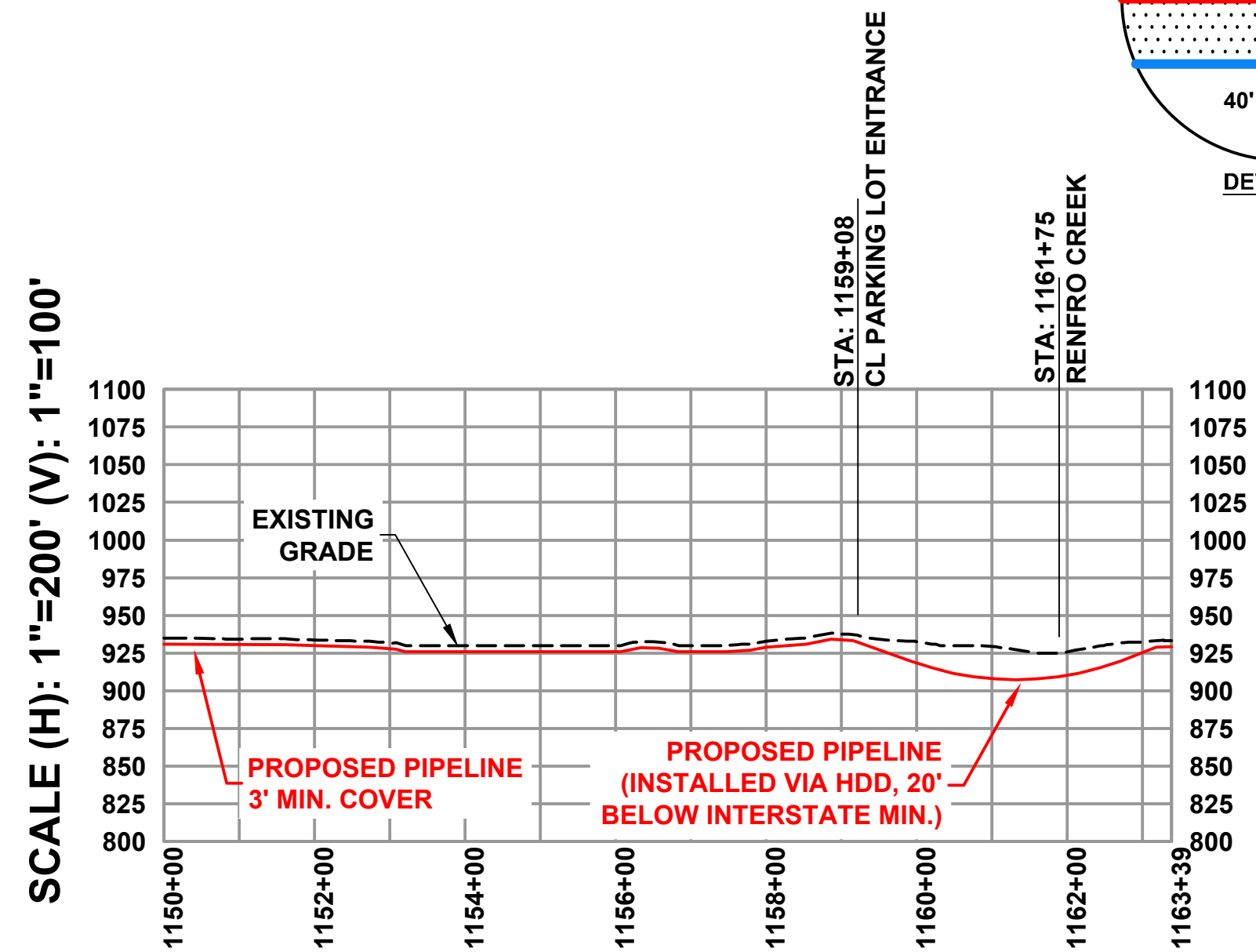
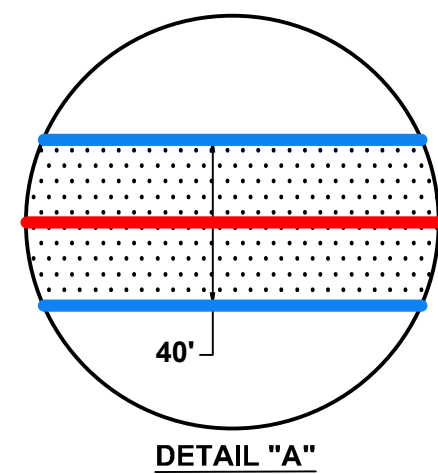


Z:\7351_0002.Lincoln to Rockcastle\1-PL\7351_0002_10208\8/2022\5:25:25 PM - Last Saved: 8/20/2022 5:25:25 PM by BRANDONH.KEY

DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.



- LEGEND:**
- PROPOSED PIPELINE —
 - RAVINE/CREEK —
 - PARCELS —
 - RIVER —



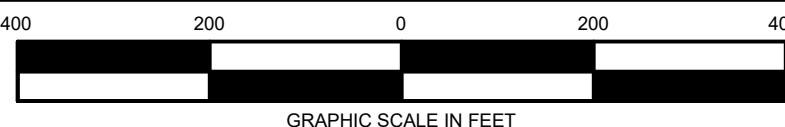
- NOTE:**
1. PIPELINE WILL BE LAID IN EXISTING ROAD ROW WHERE AVAILABLE. WHEN ROAD ROW IS NOT AVAILABLE SEE DETAIL "A" FOR EASEMENT SIZE.
 2. THESE PLANS WILL BE BASED UPON EASEMENT AGREEMENT WITH LAND OWNER.
 3. 3' MIN. COVER IN ALL AREAS WITH THE EXCEPTION OF STATE HIGHWAY ROW AND HDD'S.

08/26/2022

Z:\7351_0002_Lincoln to Rockcastle\1-PL\7351_0002_102789\2022_5-22-23 PM, Last Saved 8/4/2022 3:39:53 PM by CSALLEE, Last Plot 8/8/2022 5:22:43 PM by BRANDON KEY



**ISSUED FOR PSC FILING
 NOT FOR CONSTRUCTION
 8/5/2022**

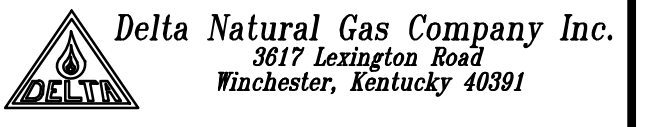


NOTE: DRAWINGS MAY HAVE BEEN ENLARGED OR REDUCED FROM THE ORIGINAL. THE GRAPHIC SCALE IS PROVIDED FOR REFERENCE.

REVISIONS			
NO.	DATE	BY	DESCRIPTION
A	6/17/2022	AGA	ISSUED FOR REVIEW
B	8/5/2022	KG	ISSUED FOR PSC FILING

OPERATING CENTER: N/A	DIVISION: ----
PROJECT#: 7351.0002	SCALE: 1" = 200'
CITY / TOWNSHIP: VARIES	COUNTY: ROCKCASTLE
STATE: KY	

LINCOLN TO ROCKCASTLE 8" STEEL EXTENSION		
PIPELINE ALIGNMENT		
EnSiteUSA DWG NO. 1027	SHEET NO. SHEET 24	REV. B



DISCLAIMER: ENSITEUSA MAKES NO GUARANTEE THAT THIS SURVEY OR THESE MAPS CONTAINS COMPLETE OR CONCLUSIVE UNDERGROUND OR ABOVEGROUND UTILITY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION & PRESERVATION OF ALL UNDERGROUND AND ABOVEGROUND UTILITIES WHETHER OR NOT DEPICTED ON THESE DRAWINGS. THE CONTRACTOR IS TO CONTACT ALL OWNERS OF UNDERGROUND AND ABOVEGROUND UTILITIES PRIOR TO ANY EXCAVATION.