



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, AL 36628-0001

CESAM-RD-A
PUBLIC NOTICE NO. SAM-2019-00914

October 16, 2020

JOINT PUBLIC NOTICE
U.S. ARMY CORPS OF ENGINEERS AND
STATE OF ALABAMA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

**PROPOSED FILLING OF WATERS OF THE UNITED STATES IN CONJUNCTION WITH
THE CONSTRUCTION OF NEW NATURAL GAS TRANSMISSION PIPELINES IN
CHOCTAW AND WASHINGTON COUNTIES, ALABAMA**

TO WHOM IT MAY CONCERN: This District has received an application for a Department of the Army (DA) permit pursuant to Section 404 of the Clean Water Act (33 USC 1344). This public notice is being distributed to all known interested persons to assist in developing facts on which a decision by the U.S. Army Corps of Engineers (USACE) can be based. **This project has been revised from a previous proposal advertised by Joint Public Notice on July 27, 2020.** Please communicate this information to interested parties.

APPLICANT: NextEra Energy Pipeline Holdings (Lowman), Inc.
Attention: Ms. Kathy Salvador
700 Universe Boulevard
Juno, Florida 33408

AGENT: Edge Engineering and Science, LLC (EDGE).
Attention: Mr. Andrew Grammer
6285 Park Ten Place, Suite 400
Houston, Texas 77084

LOCATION/WATERS: The 53.75-mile-long natural gas transmission pipeline would begin at Compressor Station 85, located on the east side of County Road 9, near Latitude 32.057044° North, Longitude 88.370139° West, near Butler, Alabama and would extend generally southeast through Choctaw County and Washington County to the Powersouth Plant Lowman, located off County Road 34, near Latitude 31.491754° North, Longitude 87.909896° West, in Jackson, Alabama. The linear project would be located in the Middle Tombigbee-Chickasaw (HUC 03160201) and Lower Tombigbee (HUC 03160203) Watersheds in the Mobile-Tombigbee Basin.

PROJECT PURPOSE: The basic purpose of the Lowman Pipeline Project is to provide transmission of natural gas for generation of electrical power. The overall project purpose is to provide pipeline infrastructure to transport natural gas from the Mid-continent Express

and GulfSouth pipelines to the PowerSouth Lowman Power Plant in order to convert that facility from coal-fired to natural gas energy and provide a reliable and resilient electrical grid for the region.

PROPOSED WORK: The applicant proposes to construct, operate, and maintain a new 16-inch-diameter, 53.75-mile-long natural gas pipeline in Choctaw and Washington Counties, Alabama. In addition to the pipeline, the project would include the construction of one new compressor station, three meter stations, and a launcher/receiver facility. The project would support the natural gas conversion of the existing coal-fired PowerSouth Lowman Power Plant. The applicant proposes to utilize an 85-foot-wide temporary construction right-of-way (ROW) with some additional temporary workspace (ATWS) at road crossings, stream crossings, and other areas where needed. Within wetland areas the construction ROW width would be reduced to 75 feet. Following construction, a 30-foot-wide permanent easement would be maintained except in areas between workspaces associated with horizontal directional drill (HDD) entry and exit points. The proposed project would temporarily impact 42.53 acres of forested, emergent, and scrub shrub wetlands, with an estimated 17.21 acres of wetlands to be permanently modified by maintenance of the utility Right of Way (ROW). Approximately 1.04 acre of wetland fill is proposed to remain in place, by request of the associated property owners. Specifically, 0.69 acre of fill would remain near Access Road (AR) 52.5; and 0.345 acre of fill would remain near AR 40.9. There would be temporary stream impacts to 22,449 linear feet of intermittent and perennial streams, and the impacts would include open-cut trenching, temporary matting, temporary fill, and temporary bridge/culvert crossings. Following construction, the applicant plans to remove all temporary fill, restore land surface contours in temporary impact areas as closely as is practicable to pre-construction elevations, restoring site hydrology.

AVOIDANCE & MINIMIZATION: The applicant proposes the use of the HDD crossing method to avoid seven large perennial streams and approximately 5.07 acres of wetland impacts along the proposed route. The construction corridor would be reduced from 85 feet to 75 feet wide through all wetlands to reduce impacts. Following construction, the applicant would restore stream and land surface contours as closely as is practicable to pre-construction conditions, restoring site hydrology. The applicant has indicated that no other natural gas pipeline infrastructure exists near the project area that could be modified to supply the natural gas volumes necessary to meet future needs of the Plant Lowman power plant. The U.S. Army Corps of Engineers (USACE), Mobile District, has not verified the adequacy of the applicant's avoidance and minimization efforts at this time.

MITIGATION: The applicant proposes to purchase credits from the Alabama River Mitigation Bank (ARMB) for the permanent loss of 1.04 acre of wetlands and the estimated 17.21 acres of wetlands to be permanently modified by maintenance of the utility Right of Way (ROW).

WATER QUALITY: It is the understanding of the USACE that the applicant has applied for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act. Upon completion of the required advertising and public comment review, a

determination relative to water quality certification will be made by the Alabama Department of Environmental Management (ADEM).

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act, and Appendix C of 33 CFR Part 325, the undertaking defined in this notice is being considered for the potential to affect cultural and historic properties within the permit area. In accordance with Appendix C of 33 CFR Part 325, the U.S. Army Corps of Engineers (USACE) has determined that the permit area consists of the proposed fill areas in waters of the United States and portions of the adjacent uplands that would be utilized for construction access and equipment and materials staging. At the time of this notice, the USACE is reviewing the proposed activities for potential effects to cultural resources. The National Register of Historic Places will be consulted for properties listed, or eligible for listing, in the National Register, which are known to exist and would be affected by the proposed work. This notice and application will be coordinated with the State Historic Preservation Officer regarding the existence, or the potential for existence, of significant cultural and historic properties within the permit area.

ENDANGERED SPECIES: The following species listed by the U.S. Fish and Wildlife Service (USFWS) as being threatened or endangered are found within Choctaw and Washington Counties and may be located within the watersheds in which the project would be located: wood stork, black pine snake, gopher tortoise, Alabama heelsplitter, southern clubshell and the Gulf sturgeon. The Endangered Species Act (ESA) action area for this project does not intersect with any federally-designated critical habitat. Preliminary review of this application and the U.S. Department of the Interior List of Endangered and Threatened Wildlife and Plants indicate that the proposed activity may affect listed species. This notice and application will be coordinated with the USFWS to assess if the proposed activity will adversely affect listed endangered or threatened species, or their critical habitat.

This public notice is being distributed to all known interested persons in order to assist in developing facts on which a decision by the USACE can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. The decision whether to issue a permit will be based on an evaluation of the probable impact, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers (USACE) is soliciting comments from the public; federal, state and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the USACE to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing.

Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

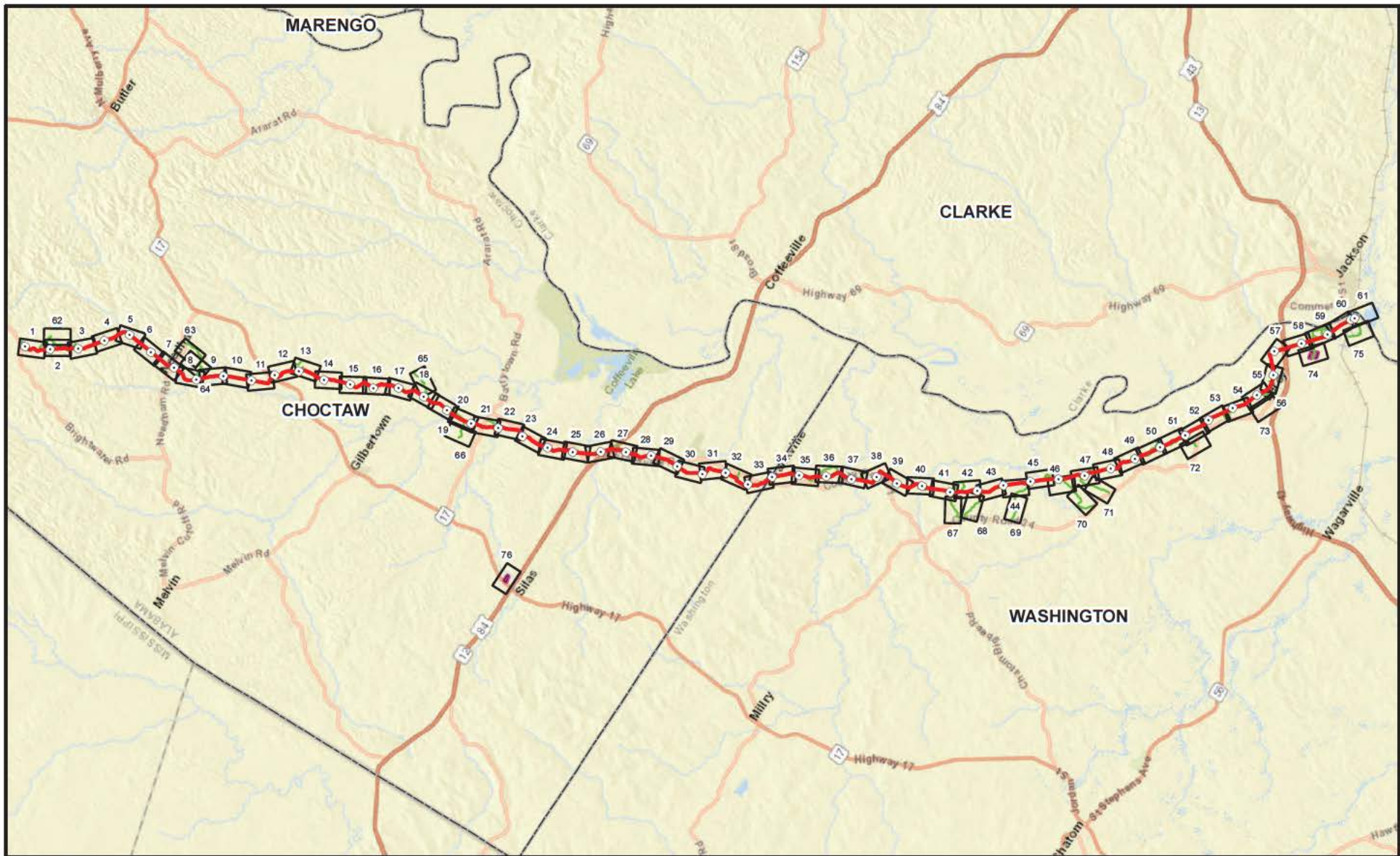
Correspondence concerning this public notice should refer to Public Notice Number **SAM-2019-00914-ES** and should be directed via email to the project manager, Ms. Elizabeth A. Hamilton, at elizabeth.a.seavoy@usace.army.mil, or to the U.S. Army Corps of Engineers, Mobile District, Regulatory Division, Attention: Ms. Elizabeth A. Hamilton, Post Office Box 2288, Mobile, Alabama 36628-0001. Copies of all comments should be furnished to the Alabama Department of Environmental Management at coastal@adem.alabama.gov, or sent to: Alabama Department of Environmental Management, Mobile Branch / Coastal Section 3664 Dauphin Street, Suite B, Mobile, Alabama 36608.

All Comments should be received no later than 30 days from the date of this Public Notice. If you have any questions concerning this publication, you may contact the project manager, Ms. Elizabeth Hamilton by email at elizabeth.a.seavoy@usace.army.mil, or at (251) 694-3781. Please refer to the Public Notice Number **SAM-2019-00914-ES**, in any communication concerning this project.

For additional information about our Regulatory Program, please visit our web site at www.sam.usace.army.mil/Missions/Regulatory.aspx.

MOBILE DISTRICT
U.S. Army Corps of Engineers

Attachments



Legend

- Milepost
- Proposed Pipeline
- Access Road
- Pipe/Contractor Yard
- Figure 4 Page Number
- County Boundary

Scale: 1:315,000

NextEra Energy Pipeline Holdings (Lowman), Inc.
Lowman Pipeline Project

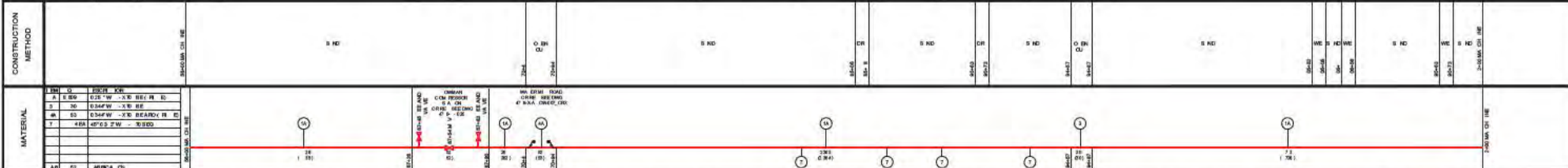
Figure 1
 Project Vicinity Map
 Choctaw and Washington Counties, Alabama

CHOCTAW COUNTY, ALABAMA
T-12-N - R-4-W

COUNTY & STATE	CHOCTAW COUNTY, ALABAMA		
TOWNSHIP & RANGE	T-12-N - R-4-W		
R/W NO.	1100	1100	1100
OWNERSHIP		WATER MILL ROAD	
FOOTAGE	80	80	80
TERRAIN			



STATIONING	CODE CLASS	STATIONING
56+00 ON E	SH-TC ACCESS ROAD (A.P. I)	56+00 ON E
60+00	SH-TC ACCESS ROAD (A.P. II)	60+00
64+00	SH-TC ACCESS ROAD (A.P. III)	64+00
68+00	SH-TC ACCESS ROAD (A.P. IV)	68+00
72+00	SH-TC ACCESS ROAD (A.P. V)	72+00
76+00	SH-TC ACCESS ROAD (A.P. VI)	76+00
80+00	SH-TC ACCESS ROAD (A.P. VII)	80+00
84+00	SH-TC ACCESS ROAD (A.P. VIII)	84+00
88+00	SH-TC ACCESS ROAD (A.P. IX)	88+00
92+00	SH-TC ACCESS ROAD (A.P. X)	92+00
96+00	SH-TC ACCESS ROAD (A.P. XI)	96+00
100+00	SH-TC ACCESS ROAD (A.P. XII)	100+00
104+00	SH-TC ACCESS ROAD (A.P. XIII)	104+00
112+00	SH-TC ACCESS ROAD (A.P. XIV)	112+00



CONSTRUCTION METHOD	MATERIAL
SH-TC ACCESS ROAD (A.P. I)	SH-TC ACCESS ROAD (A.P. I)
SH-TC ACCESS ROAD (A.P. II)	SH-TC ACCESS ROAD (A.P. II)
SH-TC ACCESS ROAD (A.P. III)	SH-TC ACCESS ROAD (A.P. III)
SH-TC ACCESS ROAD (A.P. IV)	SH-TC ACCESS ROAD (A.P. IV)
SH-TC ACCESS ROAD (A.P. V)	SH-TC ACCESS ROAD (A.P. V)
SH-TC ACCESS ROAD (A.P. VI)	SH-TC ACCESS ROAD (A.P. VI)
SH-TC ACCESS ROAD (A.P. VII)	SH-TC ACCESS ROAD (A.P. VII)
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SH-TC ACCESS ROAD (A.P. XIV)	SH-TC ACCESS ROAD (A.P. XIV)



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

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E	ISSUED FOR PERMIT	MEH	09/15/20	MAL	09/15/20	DESIGNED BY: PLH
D	ISSUED FOR 60% REVIEW	MEH	09/08/20	MAL	09/08/20	CHECKED BY: HGA
C	ISSUED FOR 60% REVIEW	MEH	09/15/20	MAL	09/15/20	APPROVED BY: MAL
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. BA1901506J
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE: AS SHOWN

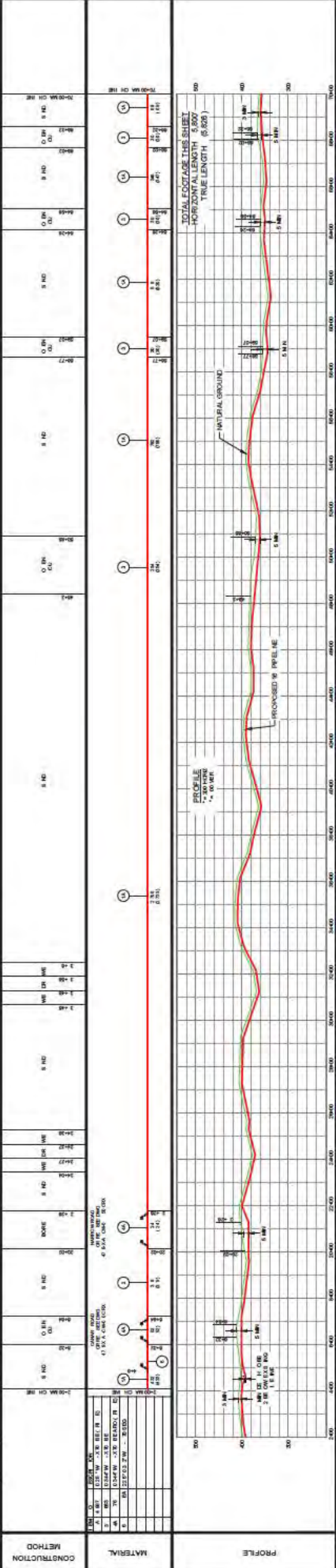
PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1001
REV: E

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STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE
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50+00



FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRINGTON ENGINEERING ARCHITECTS
 1000 W. UNIVERSITY BLVD. SUITE 100
 PRICHARD, AL 36070
 PHONE: 904.350.1000
 WWW.HEA-AL.COM

REV	DATE	DESCRIPTION	REVISION
A	08/07/20	ISSUED FOR 50% REVIEW	
B	08/07/20	ISSUED FOR 50% REVIEW	
C	08/18/20	ISSUED FOR 50% REVIEW	
D	08/18/20	ISSUED FOR PERMIT	
E	08/18/20	ISSUED FOR PERMIT	

DATE	BY	CHK.	DATE	APP.	DATE
08/18/20	MEH	MEH	08/18/20	MEH	08/18/20
08/18/20	MEH	MEH	08/18/20	MEH	08/18/20
08/18/20	MEH	MEH	08/18/20	MEH	08/18/20
08/18/20	MEH	MEH	08/18/20	MEH	08/18/20

PROJECT: PROPOSED 16" PIPELINE
 DRAWN BY: HGA
 CHECKED BY: MEH
 APPROVED BY: HGA
 SCALE: AS SHOWN
 SHEET NO.: 4719-A-1022

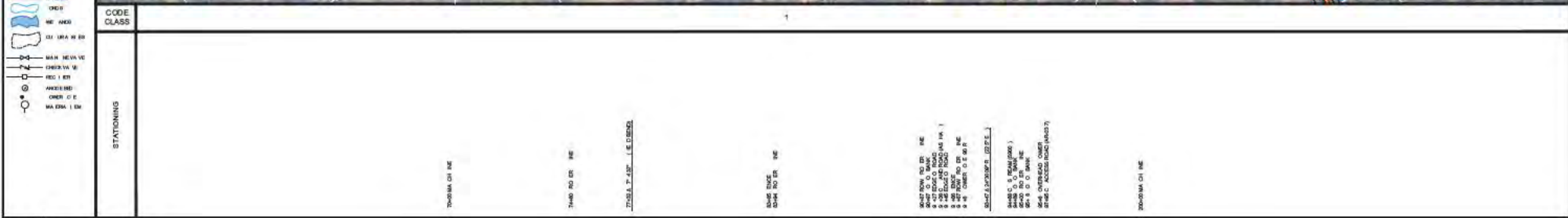
COUNTY & STATE CHOCTAW COUNTY, ALABAMA

TOWNSHIP & RANGE T12-N - R4-W

R/W NO. A-CW-1-100 A-CW-1-100 A-CW-1-100 A-CW-1-100 A-CW-1-100 A-CW-1-100

OWNERSHIP LAND ROAD

FOOTAGE 400 740 94 863 60 333 500 3000



CONSTRUCTION METHOD	STATIONING
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8 HD	174+00 CH. LINE
8 HD	177+00 S.P. 4" - 10" - E. DENSE
8 HD	184+00 CH. LINE
8 HD	188+00 CH. LINE
8 HD	192+00 MA. CH. LINE

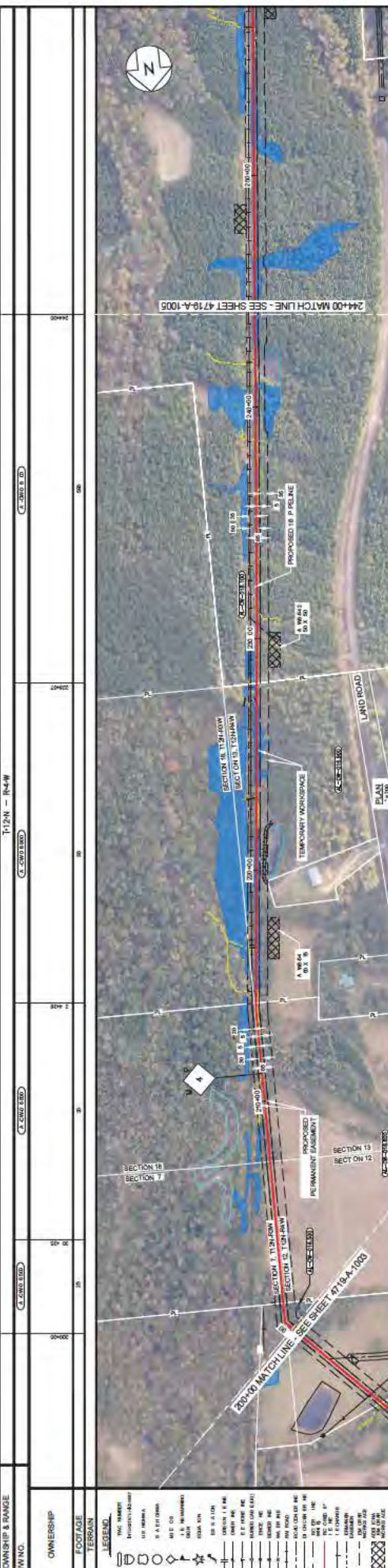
MATERIAL	STATIONING
8 HD	170+00 MA. CH. LINE
8 HD	174+00 CH. LINE
8 HD	177+00 S.P. 4" - 10" - E. DENSE
8 HD	184+00 CH. LINE
8 HD	188+00 CH. LINE
8 HD	192+00 MA. CH. LINE



FOR PERMIT
 DATE: 09/18/2020
 - NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
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A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE

SCALE: AS SHOWN
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 REV: E

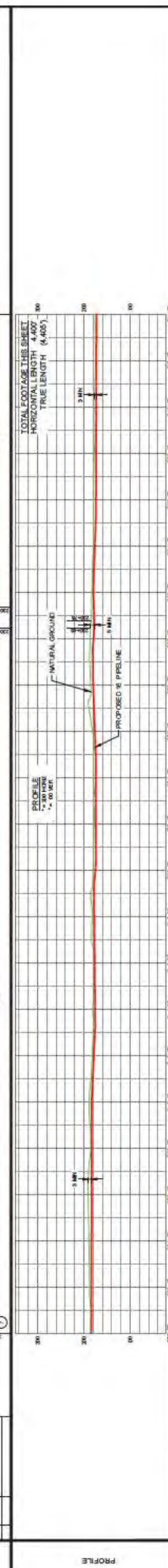


STATIONING

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CONSTRUCTION METHOD

STATION	CONSTRUCTION METHOD	DATE	BY	CHECKED	DATE	BY
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203+50	OPEN TRENCH	03/10/20	MEH	MEH	03/10/20	MEH



FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

REVISION

REV	DESCRIPTION	DATE	APP	DATE	CHK
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2	ISSUED FOR PERMIT	08/18/2020	MEH	08/18/2020	MEH
3	ISSUED FOR PERMIT	08/18/2020	MEH	08/18/2020	MEH
4	ISSUED FOR PERMIT	08/18/2020	MEH	08/18/2020	MEH

HEA
 HERRING ENGINEERING ARCHITECTS, INC.
 1000 W. UNIVERSITY BLVD., SUITE 100
 PRICHARD, AL 36070
 PH: 904.399.4333
 WWW.HEA-AL.COM

PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1004

DATE: 08/18/2020

CHOCTAW COUNTY, ALABAMA
 T12N - R4-W

PROPOSED 16" PIPELINE LOWMAN PIPELINE PROJECT ALIGNMENT SHEET CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1005

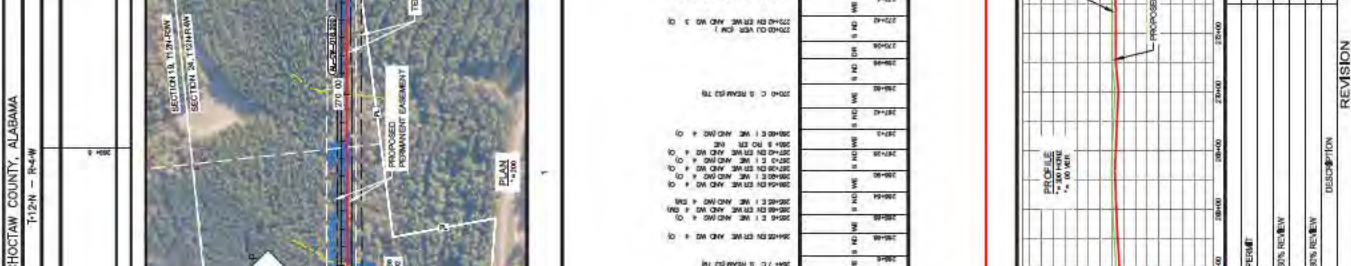
DATE: 06/16/2020	FOR PERMIT	FOR CONSTRUCTION - NOT FOR CONSTRUCTION	REVISION
REV	DESCRIPTION	DATE	APP

HEA
 HERRINGTON ENGINEERING ARCHITECTS INC.
 35004 RICHMOND ROAD
 FLORENCE, AL 36530
 PHONE: 904.339.1888
 FAX: 904.339.1889

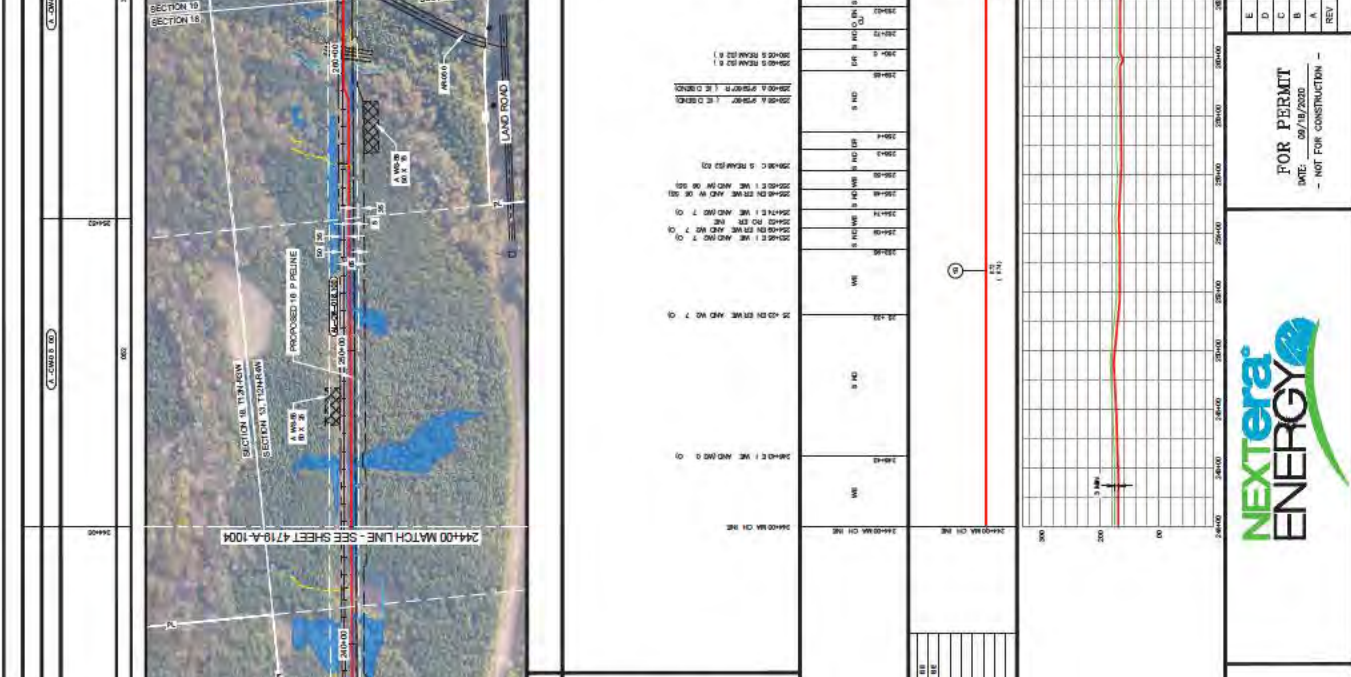
REV	DATE	APP	DESCRIPTION	REVISION
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D	03/10/20	MEH	DESIGNED BY	
C	04/07/20	MEH	CHECKED BY	
B	04/07/20	MEH	APPROVED BY	
A	04/07/20	MEH	APPROVED BY	

CODE	SYMBOL	DESCRIPTION

STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE



DATE	BY	DESCRIPTION



CONSTRUCTION METHOD	MATERIAL	PROFILE

CONSTRUCTION METHOD	MATERIAL	PROFILE

CONSTRUCTION METHOD	MATERIAL	PROFILE

SW. NO.	OWNER	FOOTAGE	TERMIN
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30001		0.00	
30002		0.00	
30003		0.00	
30004		0.00	
30005		0.00	
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30019		0.00	
30020		0.00	



STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE
290+00.00	PIPE	16\"/>	

DATE	BY	DESCRIPTION
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08/18/2020	D	DESIGNED BY
08/18/2020	MEH	CHECKED BY
08/18/2020	MEH	APPROVED BY
08/18/2020	MEH	ISSUED FOR 5% REVIEW
08/18/2020	MEH	ISSUED FOR 10% REVIEW
08/18/2020	MEH	ISSUED FOR 20% REVIEW
08/18/2020	MEH	ISSUED FOR 30% REVIEW

FOR PERMIT
DATE: 08/18/2020
- NOT FOR CONSTRUCTION -

HEA
Hatch Engineering & Architecture
10000 Highway 100
Tomball, TX 77375
(281) 358-3300
www.heainc.com

PROPOSED 16\"/>

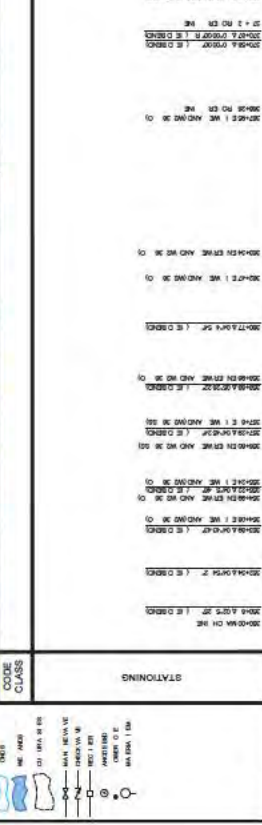
OWNER: **LOWMAN PIPELINE PROJECT**
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

SCALE: **AS SHOWN**
DRAWING NUMBER: **4719-A-1006**

COUNTY & STATE		CHOCTAW COUNTY, ALABAMA	
TOWNSHIP & RANGE		T-12N - R-3-W	
SW NO.		C-2002.010	
OWNERSHIP		C-2002.010	
FOOTAGE		C-2002.010	
TERMIN		C-2002.010	



STATIONING	CONSTRUCTION METHOD	MATERIAL
200+00 TO 200+100	OPEN TRENCH	PIPE
200+100 TO 200+200	OPEN TRENCH	PIPE
200+200 TO 200+300	OPEN TRENCH	PIPE
200+300 TO 200+400	OPEN TRENCH	PIPE
200+400 TO 200+500	OPEN TRENCH	PIPE
200+500 TO 200+600	OPEN TRENCH	PIPE
200+600 TO 200+700	OPEN TRENCH	PIPE
200+700 TO 200+800	OPEN TRENCH	PIPE
200+800 TO 200+900	OPEN TRENCH	PIPE
200+900 TO 200+1000	OPEN TRENCH	PIPE
200+1000 TO 200+1100	OPEN TRENCH	PIPE
200+1100 TO 200+1200	OPEN TRENCH	PIPE
200+1200 TO 200+1300	OPEN TRENCH	PIPE
200+1300 TO 200+1400	OPEN TRENCH	PIPE
200+1400 TO 200+1500	OPEN TRENCH	PIPE
200+1500 TO 200+1600	OPEN TRENCH	PIPE
200+1600 TO 200+1700	OPEN TRENCH	PIPE
200+1700 TO 200+1800	OPEN TRENCH	PIPE
200+1800 TO 200+1900	OPEN TRENCH	PIPE
200+1900 TO 200+2000	OPEN TRENCH	PIPE
200+2000 TO 200+2100	OPEN TRENCH	PIPE
200+2100 TO 200+2200	OPEN TRENCH	PIPE
200+2200 TO 200+2300	OPEN TRENCH	PIPE
200+2300 TO 200+2400	OPEN TRENCH	PIPE
200+2400 TO 200+2500	OPEN TRENCH	PIPE
200+2500 TO 200+2600	OPEN TRENCH	PIPE
200+2600 TO 200+2700	OPEN TRENCH	PIPE
200+2700 TO 200+2800	OPEN TRENCH	PIPE
200+2800 TO 200+2900	OPEN TRENCH	PIPE
200+2900 TO 200+3000	OPEN TRENCH	PIPE
200+3000 TO 200+3100	OPEN TRENCH	PIPE
200+3100 TO 200+3200	OPEN TRENCH	PIPE
200+3200 TO 200+3300	OPEN TRENCH	PIPE
200+3300 TO 200+3400	OPEN TRENCH	PIPE
200+3400 TO 200+3500	OPEN TRENCH	PIPE
200+3500 TO 200+3600	OPEN TRENCH	PIPE
200+3600 TO 200+3700	OPEN TRENCH	PIPE
200+3700 TO 200+3800	OPEN TRENCH	PIPE
200+3800 TO 200+3900	OPEN TRENCH	PIPE
200+3900 TO 200+4000	OPEN TRENCH	PIPE
200+4000 TO 200+4100	OPEN TRENCH	PIPE
200+4100 TO 200+4200	OPEN TRENCH	PIPE
200+4200 TO 200+4300	OPEN TRENCH	PIPE
200+4300 TO 200+4400	OPEN TRENCH	PIPE
200+4400 TO 200+4500	OPEN TRENCH	PIPE
200+4500 TO 200+4600	OPEN TRENCH	PIPE
200+4600 TO 200+4700	OPEN TRENCH	PIPE
200+4700 TO 200+4800	OPEN TRENCH	PIPE
200+4800 TO 200+4900	OPEN TRENCH	PIPE
200+4900 TO 200+5000	OPEN TRENCH	PIPE



REV	DATE	CHK	DATE	APP	DATE	DESCRIPTION	REVISION
E	09/10/20	MEH	09/10/20	VAL	09/10/20	ISSUED FOR PERMIT	
D	08/03/20	MEH	08/03/20	VAL	08/03/20	ISSUED FOR PERMIT	
C	08/03/20	MEH	08/03/20	VAL	08/03/20	ISSUED FOR 50% REVIEW	
B	08/03/20	MEH	08/03/20	VAL	08/03/20	ISSUED FOR 50% REVIEW	
A	08/03/20	MEH	08/03/20	VAL	08/03/20	ISSUED FOR 50% REVIEW	

FOR PERMIT
DATE: 08/10/2020
- NOT FOR CONSTRUCTION -

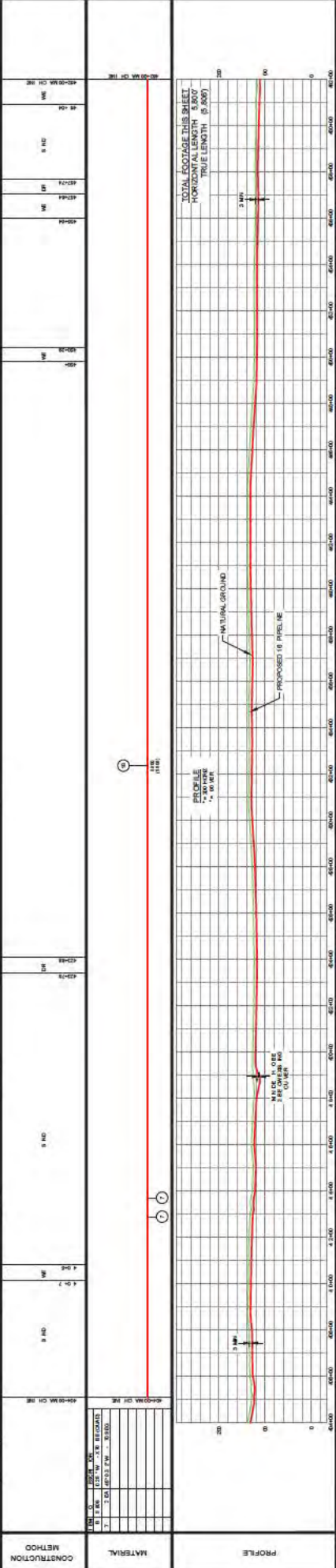
HEA
Hazen and Avery
1000 North Loop West
Suite 100
Houston, TX 77007
Phone: 281.462.3333
www.heainc.com

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-107



STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE
404+00 to 408+00	PIPE	16\"/>	
408+00 to 412+00	PIPE	16\"/>	
412+00 to 416+00	PIPE	16\"/>	
416+00 to 420+00	PIPE	16\"/>	
420+00 to 424+00	PIPE	16\"/>	
424+00 to 428+00	PIPE	16\"/>	
428+00 to 432+00	PIPE	16\"/>	
432+00 to 436+00	PIPE	16\"/>	
436+00 to 440+00	PIPE	16\"/>	
440+00 to 444+00	PIPE	16\"/>	
444+00 to 448+00	PIPE	16\"/>	
448+00 to 452+00	PIPE	16\"/>	
452+00 to 456+00	PIPE	16\"/>	
456+00 to 460+00	PIPE	16\"/>	
460+00 to 462+00	PIPE	16\"/>	



FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

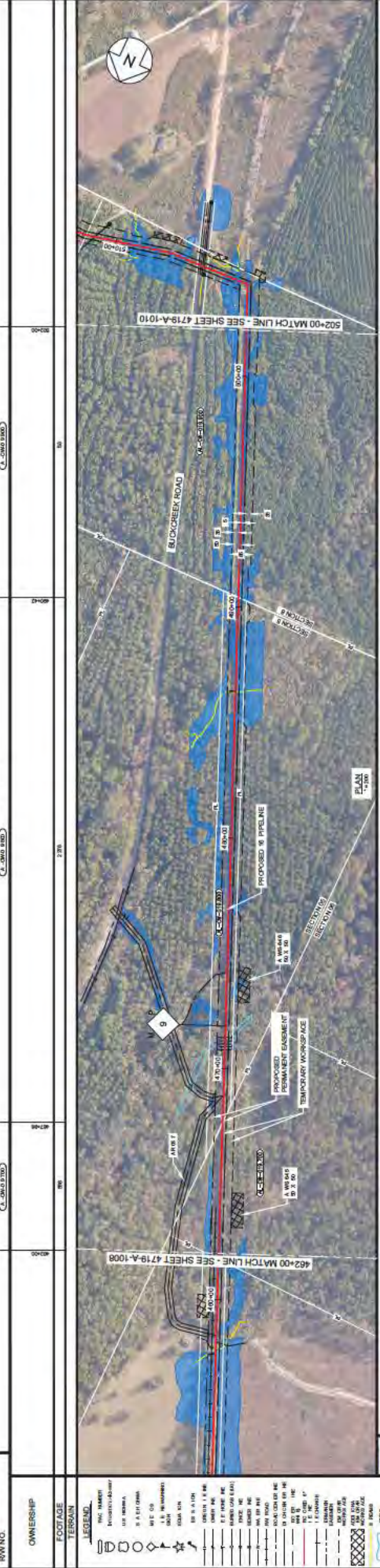
HEA
 HERRING ENGINEERING ASSOCIATES, INC.
 10000 W. US-90, SUITE 100
 HOUSTON, TEXAS 77036
 PH: 281.291.8300
 WWW.HEA.COM

REV	CHK	DATE	APP	DATE	DESCRIPTION
A	MEH	08/07/20	WAL	08/07/20	ISSUED FOR 5% REVIEW
B	MEH	08/07/20	WAL	08/07/20	ISSUED FOR 5% REVIEW
C	MEH	08/07/20	WAL	08/07/20	ISSUED FOR 5% REVIEW
D	MEH	08/07/20	WAL	08/07/20	ISSUED FOR PERMIT
E	MEH	08/18/20	WAL	08/18/20	ISSUED FOR PERMIT

DRAWN BY: P.J.H. 03/18/20
 DESIGNED BY: HGA 03/18/20
 CHECKED BY: MEH 04/07/20
 APPROVED BY: MAL 04/07/20
 HGA JOB NO.: 0419015010
 PLOT SCALE: 1"=100'
 SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-100B

REVISION

COUNTY & STATE: CHOCTAW COUNTY, ALABAMA
 TOWNSHIP & RANGE: T11N - R3W
 SW NO.: C-20631300
 C-20631300
 C-20631300
 C-20631300

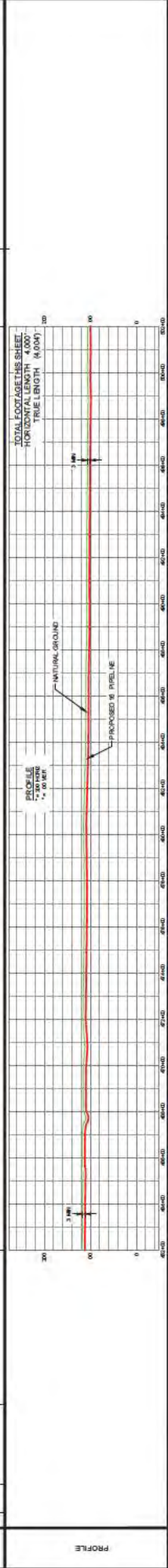


STATIONING

STATION	DESCRIPTION
462+00	462+00 MATCH LINE - SEE SHEET 4719-A-1008
462+10	PROPOSED PERMANENT EASEMENT
462+20	PROPOSED 16" PIPELINE
462+30	PROPOSED 16" PIPELINE
462+40	PROPOSED 16" PIPELINE
462+50	PROPOSED 16" PIPELINE
462+60	PROPOSED 16" PIPELINE
462+70	PROPOSED 16" PIPELINE
462+80	PROPOSED 16" PIPELINE
462+90	PROPOSED 16" PIPELINE
463+00	463+00 MATCH LINE - SEE SHEET 4719-A-1010

CONSTRUCTION METHOD

STATION	CONSTRUCTION METHOD
462+00 - 462+10	OPEN TRENCH
462+10 - 462+20	OPEN TRENCH
462+20 - 462+30	OPEN TRENCH
462+30 - 462+40	OPEN TRENCH
462+40 - 462+50	OPEN TRENCH
462+50 - 462+60	OPEN TRENCH
462+60 - 462+70	OPEN TRENCH
462+70 - 462+80	OPEN TRENCH
462+80 - 462+90	OPEN TRENCH
462+90 - 463+00	OPEN TRENCH



FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

REVISION

REV	DESCRIPTION	CHK	DATE	APP
A	ISSUED FOR 90% REVIEW	MEH	08/18/20	
B	ISSUED FOR 90% REVIEW	MEH	08/18/20	
C	ISSUED FOR 90% REVIEW	MEH	08/18/20	
D	ISSUED FOR PERMIT	MEH	08/18/20	
E	ISSUED FOR PERMIT	MEH	08/18/20	

HEA
 HERRING ENGINEERING ARCHITECTS
 1000 W. UNIVERSITY BLVD. SUITE 100
 TALLAHASSEE, FL 32301
 PHONE: 904.241.8888
 WWW.HEA-FLA.COM

**PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA**

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1009

DATE: 08/18/2020

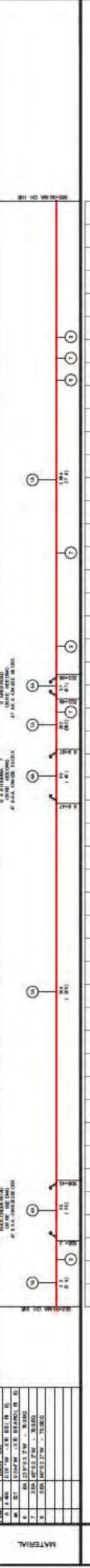
Nextera ENERGY

SW NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
OWNER																				
FOOTAGE																				
TERMIN																				



STATIONING	CONSTRUCTION METHOD
50+00	EXISTING
50+00 TO 50+100	NEW
50+100 TO 50+200	NEW
50+200 TO 50+300	NEW
50+300 TO 50+400	NEW
50+400 TO 50+500	NEW
50+500 TO 50+600	NEW
50+600 TO 50+700	NEW
50+700 TO 50+800	NEW
50+800 TO 50+900	NEW
50+900 TO 51+000	NEW
51+000 TO 51+100	NEW
51+100 TO 51+200	NEW
51+200 TO 51+300	NEW
51+300 TO 51+400	NEW
51+400 TO 51+500	NEW
51+500 TO 51+600	NEW
51+600 TO 51+700	NEW
51+700 TO 51+800	NEW
51+800 TO 51+900	NEW
51+900 TO 52+000	NEW

DATE	BY	DESCRIPTION
03/15/2020	MEH	ISSUED FOR PERMIT
03/15/2020	MEH	DESIGNED BY
03/15/2020	MEH	CHECKED BY
03/15/2020	MEH	APPROVED BY
03/15/2020	MEH	ISSUED FOR 50% REVIEW
03/15/2020	MEH	ISSUED FOR 90% REVIEW
03/15/2020	MEH	ISSUED FOR 95% REVIEW
03/15/2020	MEH	ISSUED FOR 98% REVIEW



REVISION	DATE	DESCRIPTION
A	03/15/2020	ISSUED FOR PERMIT
B	03/15/2020	DESIGNED BY
C	03/15/2020	CHECKED BY
D	03/15/2020	APPROVED BY
E	03/15/2020	ISSUED FOR 50% REVIEW
F	03/15/2020	ISSUED FOR 90% REVIEW
G	03/15/2020	ISSUED FOR 95% REVIEW
H	03/15/2020	ISSUED FOR 98% REVIEW

FOR PERMIT
DATE: 03/15/2020
- NOT FOR CONSTRUCTION -

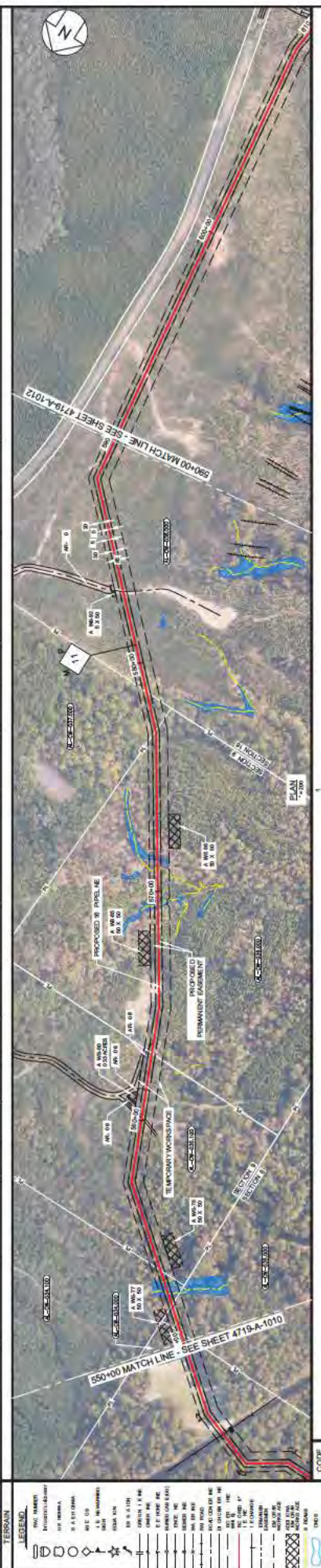
HEA
HOOPER ENGINEERING AND ARCHITECTURE, INC.
 10000 Highway 201, Suite 100
 Birmingham, AL 35243
 Phone: 205.991.8800
 Fax: 205.991.8801
 www.heainc.com

**PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA**

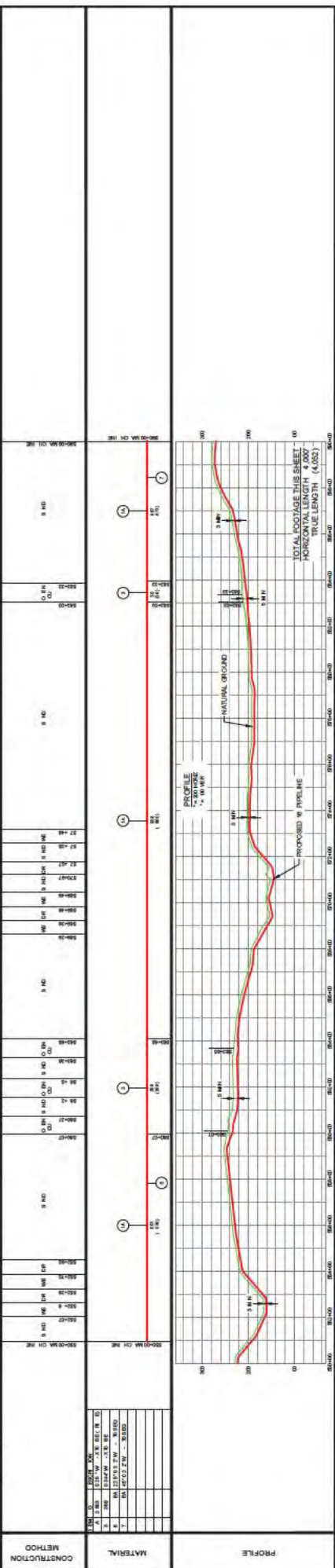
SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1010

COUNTY & STATE: CHOCTAW COUNTY, ALABAMA
 TOWNSHIP & RANGE: T11N - R3W

SW NO.	FOOTAGE	TERMIN	OWNERSHIP
5000	0		
5001	0		
5002	0		
5003	0		
5004	0		
5005	0		



STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE
5000+00	9" HD	1" HD	1" HD
5000+10	9" HD	1" HD	1" HD
5000+20	9" HD	1" HD	1" HD
5000+30	9" HD	1" HD	1" HD
5000+40	9" HD	1" HD	1" HD
5000+50	9" HD	1" HD	1" HD
5000+60	9" HD	1" HD	1" HD
5000+70	9" HD	1" HD	1" HD
5000+80	9" HD	1" HD	1" HD
5000+90	9" HD	1" HD	1" HD
5001+00	9" HD	1" HD	1" HD
5001+10	9" HD	1" HD	1" HD
5001+20	9" HD	1" HD	1" HD
5001+30	9" HD	1" HD	1" HD
5001+40	9" HD	1" HD	1" HD
5001+50	9" HD	1" HD	1" HD
5001+60	9" HD	1" HD	1" HD
5001+70	9" HD	1" HD	1" HD
5001+80	9" HD	1" HD	1" HD
5001+90	9" HD	1" HD	1" HD
5002+00	9" HD	1" HD	1" HD
5002+10	9" HD	1" HD	1" HD
5002+20	9" HD	1" HD	1" HD
5002+30	9" HD	1" HD	1" HD
5002+40	9" HD	1" HD	1" HD
5002+50	9" HD	1" HD	1" HD
5002+60	9" HD	1" HD	1" HD
5002+70	9" HD	1" HD	1" HD
5002+80	9" HD	1" HD	1" HD
5002+90	9" HD	1" HD	1" HD
5003+00	9" HD	1" HD	1" HD
5003+10	9" HD	1" HD	1" HD
5003+20	9" HD	1" HD	1" HD
5003+30	9" HD	1" HD	1" HD
5003+40	9" HD	1" HD	1" HD
5003+50	9" HD	1" HD	1" HD
5003+60	9" HD	1" HD	1" HD
5003+70	9" HD	1" HD	1" HD
5003+80	9" HD	1" HD	1" HD
5003+90	9" HD	1" HD	1" HD
5004+00	9" HD	1" HD	1" HD
5004+10	9" HD	1" HD	1" HD
5004+20	9" HD	1" HD	1" HD
5004+30	9" HD	1" HD	1" HD
5004+40	9" HD	1" HD	1" HD
5004+50	9" HD	1" HD	1" HD
5004+60	9" HD	1" HD	1" HD
5004+70	9" HD	1" HD	1" HD
5004+80	9" HD	1" HD	1" HD
5004+90	9" HD	1" HD	1" HD
5005+00	9" HD	1" HD	1" HD



FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRING ENGINEERING & ARCHITECTURE, INC.
 1000 W. UNIVERSITY BLVD., SUITE 100
 PRICHARD, AL 36877
 PHONE: 904.366.3333
 WWW.HEA-AL.COM

REV	DATE	APP	CHK	DATE	DESCRIPTION	REVISION
A	08/18/2020	MEH	MEH		ISSUED FOR PERMIT	
B	08/18/2020	MEH	MEH		ISSUED FOR PERMIT REVIEW	
C	08/18/2020	MEH	MEH		ISSUED FOR PERMIT REVIEW	
D	08/18/2020	MEH	MEH		ISSUED FOR PERMIT REVIEW	
E	08/18/2020	MEH	MEH		ISSUED FOR PERMIT REVIEW	

DESIGNED BY	MEH	08/18/2020
CHECKED BY	MEH	08/18/2020
APPROVED BY	MEH	08/18/2020
SCALE	AS SHOWN	
PROJECT NO.	4719-A-1011	
DATE	08/18/2020	

COUNTY & STATE CHOCTAW COUNTY, ALABAMA

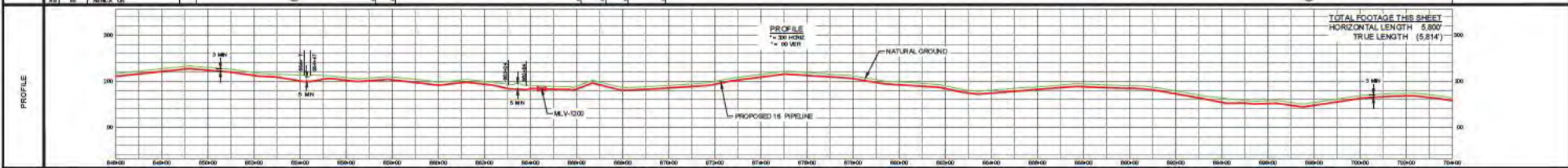
TOWNSHIP & RANGE T-11-N - R-3-W


R/W NO.	A - 0+00 TO 100	A - 100 TO 200	A - 200 TO 300	A - 300 TO 400	A - 400 TO 500	A - 500 TO 600	A - 600 TO 700	A - 700 TO 800	A - 800 TO 900	A - 900 TO 1000
OWNERSHIP	STATE	STATE	STATE	STATE	STATE	STATE	STATE	STATE	STATE	STATE
FOOTAGE	330	305	300	300	300	300	300	300	300	300



STATIONING	DESCRIPTION
0+00 TO 100+00	STATE OF ALABAMA
100+00 TO 200+00	STATE OF ALABAMA
200+00 TO 300+00	STATE OF ALABAMA
300+00 TO 400+00	STATE OF ALABAMA
400+00 TO 500+00	STATE OF ALABAMA
500+00 TO 600+00	STATE OF ALABAMA
600+00 TO 700+00	STATE OF ALABAMA
700+00 TO 800+00	STATE OF ALABAMA
800+00 TO 900+00	STATE OF ALABAMA
900+00 TO 1000+00	STATE OF ALABAMA

CONSTRUCTION METHOD	DESCRIPTION
S HD	SHOULDER CUT
S HD	SHOULDER CUT
S HD	SHOULDER CUT
S HD	SHOULDER CUT
S HD	SHOULDER CUT
S HD	SHOULDER CUT






FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY HGA 03/18/20
D	ISSUED 30%	MEH	09/08/20	MAL	09/08/20	CHECKED BY MEH 04/07/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY MAL 04/07/20
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 16A1801502GJ
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE 1/4"=1'-0"

REVISION



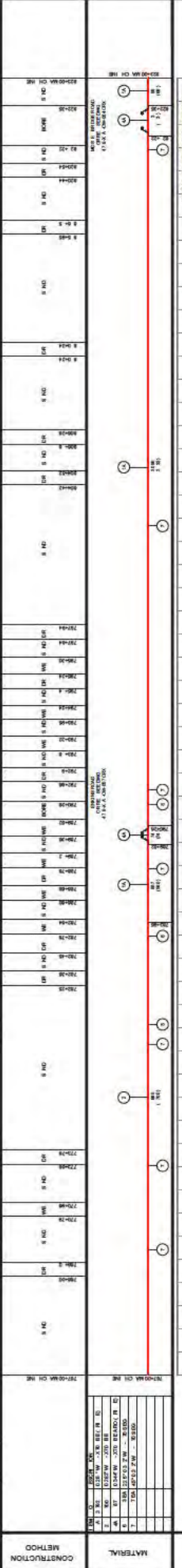
**PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA**

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1013
REV: E

SW NO.	OWNER	FOOTAGE	TERMIN
707400	MOBILE BRIDGE ROAD	100	
707401	JENKINS ROAD	100	
707402		100	
707403		100	
707404		100	
707405		100	
707406		100	
707407		100	
707408		100	
707409		100	
707410		100	
707411		100	
707412		100 <div style="font-size: small;" A.W. 22 20' X 50' A.W. 23 20' X 50' A.W. 24 20' X 50' A.W. 25 20' X 50' A.W. 26 20' X 50' A.W. 27 20' X 50' A.W. 28 20' X 50' A.W. 29 20' X 50' A.W. 30 20' X 50' A.W. 31 20' X 50' A.W. 32 20' X 50' A.W. 33 20' X 50' A.W. 34 20' X 50' A.W. 35 20' X 50' A.W. 36 20' X 50' A.W. 37 20' X 50' A.W. 38 20' X 50' A.W. 39 20' X 50' A.W. 40 20' X 50' A.W. 41 20' X 50' A.W. 42 20' X 50' A.W. 43 20' X 50' A.W. 44 20' X 50' A.W. 45 20' X 50' A.W. 46 20' X 50' A.W. 47 20' X 50' A.W. 48 20' X 50' A.W. 49 20' X 50' A.W. 50 20' X 50' A.W. 51 20' X 50' A.W. 52 20' X 50' A.W. 53 20' X 50' A.W. 54 20' X 50' A.W. 55 20' X 50' A.W. 56 20' X 50' A.W. 57 20' X 50' A.W. 58 20' X 50' A.W. 59 20' X 50' A.W. 60 20' X 50' A.W. 61 20' X 50' A.W. 62 20' X 50' A.W. 63 20' X 50' A.W. 64 20' X 50' A.W. 65 20' X 50' A.W. 66 20' X 50' A.W. 67 20' X 50' A.W. 68 20' X 50' A.W. 69 20' X 50' A.W. 70 20' X 50' A.W. 71 20' X 50' A.W. 72 20' X 50' A.W. 73 20' X 50' A.W. 74 20' X 50' A.W. 75 20' X 50' A.W. 76 20' X 50' A.W. 77 20' X 50' A.W. 78 20' X 50' A.W. 79 20' X 50' A.W. 80 20' X 50' A.W. 81 20' X 50' A.W. 82 20' X 50' A.W. 83 20' X 50' A.W. 84 20' X 50' A.W. 85 20' X 50' A.W. 86 20' X 50' A.W. 87 20' X 50' A.W. 88 20' X 50' A.W. 89 20' X 50' A.W. 90 20' X 50' A.W. 91 20' X 50' A.W. 92 20' X 50' A.W. 93 20' X 50' A.W. 94 20' X 50' A.W. 95 20' X 50' A.W. 96 20' X 50' A.W. 97 20' X 50' A.W. 98 20' X 50' A.W. 99 20' X 50' A.W. 100 20' X 50'	



STATIONING	CONSTRUCTION METHOD
707+00 CH. INF.	1. 16\"
707+00 CH. INF.	2. 16\"
707+00 CH. INF.	3. 16\"
707+00 CH. INF.	4. 16\"
707+00 CH. INF.	5. 16\"
707+00 CH. INF.	6. 16\"
707+00 CH. INF.	7. 16\"
707+00 CH. INF.	8. 16\"
707+00 CH. INF.	9. 16\"
707+00 CH. INF.	10. 16\"
707+00 CH. INF.	11. 16\"
707+00 CH. INF.	12. 16\"
707+00 CH. INF.	13. 16\"
707+00 CH. INF.	14. 16\"
707+00 CH. INF.	15. 16\"
707+00 CH. INF.	16. 16\"
707+00 CH. INF.	17. 16\"
707+00 CH. INF.	18. 16\"
707+00 CH. INF.	19. 16\"
707+00 CH. INF.	20. 16\"
707+00 CH. INF.	21. 16\"
707+00 CH. INF.	22. 16\"
707+00 CH. INF.	23. 16\"
707+00 CH. INF.	24. 16\"
707+00 CH. INF.	25. 16\"
707+00 CH. INF.	26. 16\"
707+00 CH. INF.	27. 16\"
707+00 CH. INF.	28. 16\"
707+00 CH. INF.	29. 16\"
707+00 CH. INF.	30. 16\"
707+00 CH. INF.	31. 16\"
707+00 CH. INF.	32. 16\"
707+00 CH. INF.	33. 16\"
707+00 CH. INF.	34. 16\"
707+00 CH. INF.	35. 16\"
707+00 CH. INF.	36. 16\"
707+00 CH. INF.	37. 16\"
707+00 CH. INF.	38. 16\"
707+00 CH. INF.	39. 16\"
707+00 CH. INF.	40. 16\"
707+00 CH. INF.	41. 16\"
707+00 CH. INF.	42. 16\"
707+00 CH. INF.	43. 16\"
707+00 CH. INF.	44. 16\"
707+00 CH. INF.	45. 16\"
707+00 CH. INF.	46. 16\"
707+00 CH. INF.	47. 16\"
707+00 CH. INF.	48. 16\"
707+00 CH. INF.	49. 16\"
707+00 CH. INF.	50. 16\"
707+00 CH. INF.	51. 16\"
707+00 CH. INF.	52. 16\"
707+00 CH. INF.	53. 16\"
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707+00 CH. INF.	56. 16\"
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707+00 CH. INF.	59. 16\"
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707+00 CH. INF.	62. 16\"
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707+00 CH. INF.	64. 16\"
707+00 CH. INF.	65. 16\"
707+00 CH. INF.	66. 16\"
707+00 CH. INF.	67. 16\"
707+00 CH. INF.	68. 16\"
707+00 CH. INF.	69. 16\"
707+00 CH. INF.	70. 16\"
707+00 CH. INF.	71. 16\"
707+00 CH. INF.	72. 16\"
707+00 CH. INF.	73. 16\"
707+00 CH. INF.	74. 16\"
707+00 CH. INF.	75. 16\"
707+00 CH. INF.	76. 16\"
707+00 CH. INF.	77. 16\"
707+00 CH. INF.	78. 16\"
707+00 CH. INF.	79. 16\"
707+00 CH. INF.	80. 16\"
707+00 CH. INF.	81. 16\"
707+00 CH. INF.	82. 16\"
707+00 CH. INF.	83. 16\"
707+00 CH. INF.	84. 16\"
707+00 CH. INF.	85. 16\"
707+00 CH. INF.	86. 16\"
707+00 CH. INF.	87. 16\"
707+00 CH. INF.	88. 16\"
707+00 CH. INF.	89. 16\"
707+00 CH. INF.	90. 16\"
707+00 CH. INF.	91. 16\"
707+00 CH. INF.	92. 16\"
707+00 CH. INF.	93. 16\"
707+00 CH. INF.	94. 16\"
707+00 CH. INF.	95. 16\"
707+00 CH. INF.	96. 16\"
707+00 CH. INF.	97. 16\"
707+00 CH. INF.	98. 16\"
707+00 CH. INF.	99. 16\"
707+00 CH. INF.	100. 16\"



REV	DATE	DESCRIPTION
A	06/07/20	ISSUED FOR PERMIT
B	06/07/20	ISSUED FOR PERMIT REVIEW
C	06/07/20	ISSUED FOR PERMIT REVIEW
D	06/07/20	ISSUED FOR PERMIT
E	06/07/20	ISSUED FOR PERMIT

FOR PERMIT
 DATE: 06/07/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRING ENGINEERING ARCHITECTS
 1000 ALA. ST. SE
 BIRMINGHAM, AL 35203
 PHONE: 205.975.3500
 FAX: 205.975.3501
 WWW.HEA.COM

PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1015

SECTION	FOOTAGE	OWNER
16	520	CHOCTAW COUNTY
17	520	CHOCTAW COUNTY
18	520	CHOCTAW COUNTY
19	520	CHOCTAW COUNTY
20	520	CHOCTAW COUNTY
21	520	CHOCTAW COUNTY
22	520	CHOCTAW COUNTY
23	520	CHOCTAW COUNTY
24	520	CHOCTAW COUNTY
25	520	CHOCTAW COUNTY
26	520	CHOCTAW COUNTY
27	520	CHOCTAW COUNTY
28	520	CHOCTAW COUNTY
29	520	CHOCTAW COUNTY
30	520	CHOCTAW COUNTY



STATIONING	DESCRIPTION
823+00	START OF SECTION 16
824+00	START OF SECTION 17
825+00	START OF SECTION 18
826+00	START OF SECTION 19
827+00	START OF SECTION 20
828+00	START OF SECTION 21
829+00	START OF SECTION 22
830+00	START OF SECTION 23
831+00	START OF SECTION 24
832+00	START OF SECTION 25
833+00	START OF SECTION 26
834+00	START OF SECTION 27
835+00	START OF SECTION 28
836+00	START OF SECTION 29
837+00	START OF SECTION 30
838+00	END OF SECTION 30



CONSTRUCTION METHOD

NO.	DESCRIPTION
1	OPEN CUT
2	TRENCH
3	PIPE
4	JOINTS
5	VALVES
6	FLANGES
7	TELEPHONE
8	POWER
9	WATER
10	SEWER
11	STAKE
12	MARKER
13	CONCRETE
14	ASPHALT
15	GRAVEL
16	DIRT
17	ROCK
18	WOOD
19	IRON
20	COPPER
21	LEAD
22	ZINC
23	NICKEL
24	CHROMIUM
25	MANGANESE
26	SILICON
27	ALUMINUM
28	SULFUR
29	PHOSPHORUS
30	POTASSIUM
31	SODIUM
32	CALCIUM
33	MAGNESIUM
34	IRON
35	COPPER
36	LEAD
37	ZINC
38	NICKEL
39	CHROMIUM
40	MANGANESE
41	SILICON
42	ALUMINUM
43	SULFUR
44	PHOSPHORUS
45	POTASSIUM
46	SODIUM
47	CALCIUM
48	MAGNESIUM
49	IRON
50	COPPER
51	LEAD
52	ZINC
53	NICKEL
54	CHROMIUM
55	MANGANESE
56	SILICON
57	ALUMINUM
58	SULFUR
59	PHOSPHORUS
60	POTASSIUM
61	SODIUM
62	CALCIUM
63	MAGNESIUM
64	IRON
65	COPPER
66	LEAD
67	ZINC
68	NICKEL
69	CHROMIUM
70	MANGANESE
71	SILICON
72	ALUMINUM
73	SULFUR
74	PHOSPHORUS
75	POTASSIUM
76	SODIUM
77	CALCIUM
78	MAGNESIUM
79	IRON
80	COPPER
81	LEAD
82	ZINC
83	NICKEL
84	CHROMIUM
85	MANGANESE
86	SILICON
87	ALUMINUM
88	SULFUR
89	PHOSPHORUS
90	POTASSIUM
91	SODIUM
92	CALCIUM
93	MAGNESIUM
94	IRON
95	COPPER
96	LEAD
97	ZINC
98	NICKEL
99	CHROMIUM
100	MANGANESE

REVISION

NO.	DATE	DESCRIPTION
1	08/18/2020	ISSUED FOR PERMIT
2	08/18/2020	ISSUED FOR DATE REVIEW
3	08/18/2020	ISSUED FOR DATE REVIEW
4	08/18/2020	ISSUED FOR DATE REVIEW
5	08/18/2020	ISSUED FOR DATE REVIEW

FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

HEA

DESIGNED BY: HGA
 CHECKED BY: MGH
 APPROVED BY: MGH
 HGA JOB NO.: 161915ALJ
 PLOT SCALE: AS SHOWN

PROJECT: PROPOSED 16" PIPELINE
 LOCATION: CHOCTAW COUNTY, ALABAMA

DATE: 08/18/2020

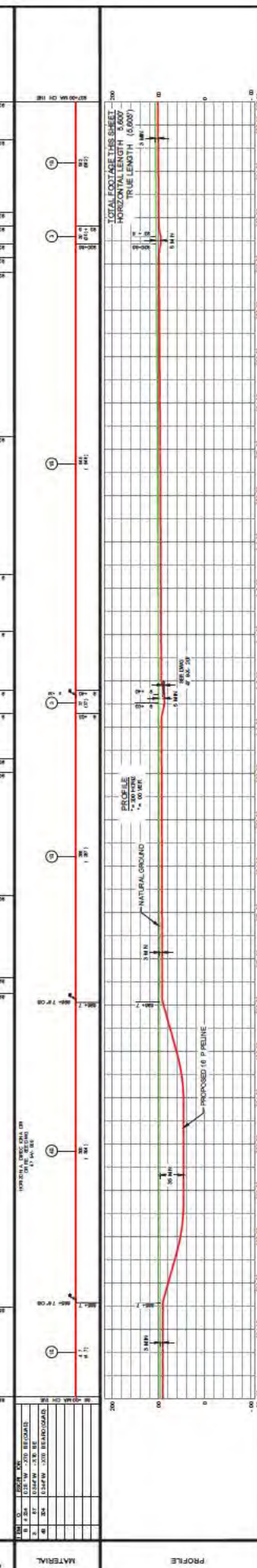
OWNERSHIP	FOOTAGE	TERMIN
	000	248

CL. 4719-A-1018	CL. 4719-A-1018	CL. 4719-A-1018	CL. 4719-A-1018
000	100	200	300

STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE
881+00 to 885+00	OPEN TRENCH	PIPE	
885+00 to 890+00	OPEN TRENCH	PIPE	
890+00 to 895+00	OPEN TRENCH	PIPE	
895+00 to 900+00	OPEN TRENCH	PIPE	
900+00 to 905+00	OPEN TRENCH	PIPE	
905+00 to 910+00	OPEN TRENCH	PIPE	
910+00 to 915+00	OPEN TRENCH	PIPE	
915+00 to 920+00	OPEN TRENCH	PIPE	
920+00 to 925+00	OPEN TRENCH	PIPE	
925+00 to 930+00	OPEN TRENCH	PIPE	
930+00 to 935+00	OPEN TRENCH	PIPE	
935+00 to 940+00	OPEN TRENCH	PIPE	
940+00 to 945+00	OPEN TRENCH	PIPE	
945+00 to 950+00	OPEN TRENCH	PIPE	
950+00 to 955+00	OPEN TRENCH	PIPE	
955+00 to 960+00	OPEN TRENCH	PIPE	
960+00 to 965+00	OPEN TRENCH	PIPE	
965+00 to 970+00	OPEN TRENCH	PIPE	
970+00 to 975+00	OPEN TRENCH	PIPE	
975+00 to 980+00	OPEN TRENCH	PIPE	
980+00 to 985+00	OPEN TRENCH	PIPE	
985+00 to 990+00	OPEN TRENCH	PIPE	

DESCRIPTION	DATE	APPROVED BY	SCALE
ISSUED FOR PERMIT	05/16/20	MAL	
ISSUED FOR PERMIT REVIEW	05/16/20	MAL	
ISSUED FOR PERMIT REVIEW	05/16/20	MAL	
ISSUED FOR PERMIT REVIEW	05/16/20	MAL	
ISSUED FOR PERMIT REVIEW	05/16/20	MAL	

NO.	DATE	REVISION
1	05/16/20	ISSUED FOR PERMIT
2	05/16/20	ISSUED FOR PERMIT REVIEW
3	05/16/20	ISSUED FOR PERMIT REVIEW
4	05/16/20	ISSUED FOR PERMIT REVIEW
5	05/16/20	ISSUED FOR PERMIT REVIEW
6	05/16/20	ISSUED FOR PERMIT REVIEW
7	05/16/20	ISSUED FOR PERMIT REVIEW
8	05/16/20	ISSUED FOR PERMIT REVIEW
9	05/16/20	ISSUED FOR PERMIT REVIEW
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16	05/16/20	ISSUED FOR PERMIT REVIEW
17	05/16/20	ISSUED FOR PERMIT REVIEW
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19	05/16/20	ISSUED FOR PERMIT REVIEW
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27	05/16/20	ISSUED FOR PERMIT REVIEW
28	05/16/20	ISSUED FOR PERMIT REVIEW
29	05/16/20	ISSUED FOR PERMIT REVIEW
30	05/16/20	ISSUED FOR PERMIT REVIEW



FOR PERMIT
DATE: 05/16/2020
- NOT FOR CONSTRUCTION -

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

NO.	DATE	REVISION
1	05/16/20	ISSUED FOR PERMIT
2	05/16/20	ISSUED FOR PERMIT REVIEW
3	05/16/20	ISSUED FOR PERMIT REVIEW
4	05/16/20	ISSUED FOR PERMIT REVIEW
5	05/16/20	ISSUED FOR PERMIT REVIEW
6	05/16/20	ISSUED FOR PERMIT REVIEW
7	05/16/20	ISSUED FOR PERMIT REVIEW
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19	05/16/20	ISSUED FOR PERMIT REVIEW
20	05/16/20	ISSUED FOR PERMIT REVIEW
21	05/16/20	ISSUED FOR PERMIT REVIEW
22	05/16/20	ISSUED FOR PERMIT REVIEW
23	05/16/20	ISSUED FOR PERMIT REVIEW
24	05/16/20	ISSUED FOR PERMIT REVIEW
25	05/16/20	ISSUED FOR PERMIT REVIEW
26	05/16/20	ISSUED FOR PERMIT REVIEW
27	05/16/20	ISSUED FOR PERMIT REVIEW
28	05/16/20	ISSUED FOR PERMIT REVIEW
29	05/16/20	ISSUED FOR PERMIT REVIEW
30	05/16/20	ISSUED FOR PERMIT REVIEW

SCALE: AS SHOWN

DRAWING NUMBER: 4719-A-1017

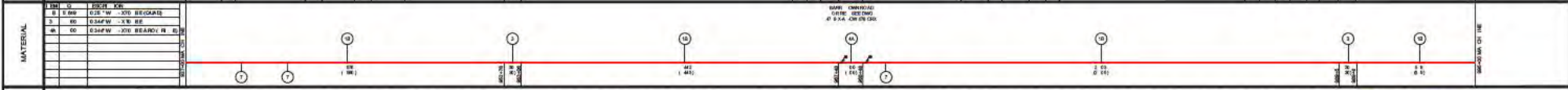
SCALE: AS SHOWN

DOWN BY: MAL
 DESIGNED BY: MAL
 CHECKED BY: MAL
 APPROVED BY: MAL
 REVISION NO.: MAL
 SCALE: MAL
 DATE: MAL



STATIONING	CODE CLASS
337+00 TO 340+00	SECTION 11
340+00 TO 343+00	SECTION 10
343+00 TO 346+00	SECTION 9
346+00 TO 349+00	SECTION 8
349+00 TO 352+00	SECTION 7
352+00 TO 355+00	SECTION 6
355+00 TO 358+00	SECTION 5
358+00 TO 361+00	SECTION 4
361+00 TO 364+00	SECTION 3
364+00 TO 367+00	SECTION 2
367+00 TO 370+00	SECTION 1

CONSTRUCTION METHOD
SECTION 11
SECTION 10
SECTION 9
SECTION 8
SECTION 7
SECTION 6
SECTION 5
SECTION 4
SECTION 3
SECTION 2
SECTION 1



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY: PLH 03/18/20
D	ISSUED FOR 60% REVIEW	MEH	09/08/20	MAL	09/08/20	CHECKED BY: HGA 03/18/20
C	ISSUED FOR 30% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY: MAL 04/07/20
B	ISSUED FOR 30%	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 161901506J
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE: 1/8\"/>

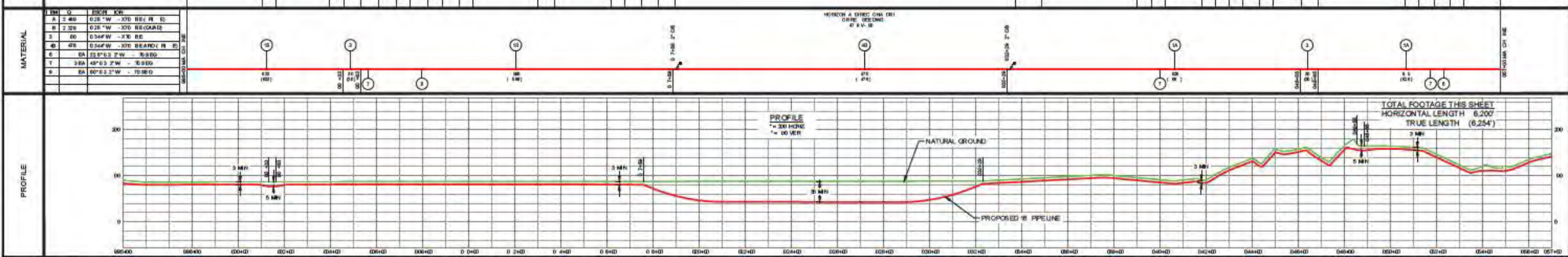
PROPOSED 16\"/>

COUNTY & STATE							CHOCTAW COUNTY, ALABAMA								
TOWNSHIP & RANGE							T-10N - R-3W								
R/W NO.		A-CW-0200		A-CW-0400		A-CW-0600		A-CW-0800		A-CW-1000		A-CW-1200		A-CW-1400	
OWNERSHIP		560		560		560		560		560		560		560	
FOOTAGE		7.3		560		524		54		480		580		560	



LEGEND	CODE CLASS	STATIONING
<ul style="list-style-type: none"> MAC NUMBER EXISTING 16" PIPELINE 16" PIPELINE 30' PERMANENT EASEMENT (NOT FOR CONSTRUCTION) PROPOSED 16" PIPELINE TEMPORARY WORKSPACE PROPOSED PERMANENT EASEMENT DRILL ENTRY POINT DRILL EXIT POINT SECTION 19 SECTION 20 	<ul style="list-style-type: none"> SECTION 19 SECTION 20 SECTION 21 SECTION 22 SECTION 23 SECTION 24 SECTION 25 SECTION 26 SECTION 27 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100 	<ul style="list-style-type: none"> SECTION 19 SECTION 20 SECTION 21 SECTION 22 SECTION 23 SECTION 24 SECTION 25 SECTION 26 SECTION 27 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100

CONSTRUCTION METHOD	MATERIAL
<ul style="list-style-type: none"> SECTION 19 SECTION 20 SECTION 21 SECTION 22 SECTION 23 SECTION 24 SECTION 25 SECTION 26 SECTION 27 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100 	<ul style="list-style-type: none"> SECTION 19 SECTION 20 SECTION 21 SECTION 22 SECTION 23 SECTION 24 SECTION 25 SECTION 26 SECTION 27 SECTION 28 SECTION 29 SECTION 30 SECTION 31 SECTION 32 SECTION 33 SECTION 34 SECTION 35 SECTION 36 SECTION 37 SECTION 38 SECTION 39 SECTION 40 SECTION 41 SECTION 42 SECTION 43 SECTION 44 SECTION 45 SECTION 46 SECTION 47 SECTION 48 SECTION 49 SECTION 50 SECTION 51 SECTION 52 SECTION 53 SECTION 54 SECTION 55 SECTION 56 SECTION 57 SECTION 58 SECTION 59 SECTION 60 SECTION 61 SECTION 62 SECTION 63 SECTION 64 SECTION 65 SECTION 66 SECTION 67 SECTION 68 SECTION 69 SECTION 70 SECTION 71 SECTION 72 SECTION 73 SECTION 74 SECTION 75 SECTION 76 SECTION 77 SECTION 78 SECTION 79 SECTION 80 SECTION 81 SECTION 82 SECTION 83 SECTION 84 SECTION 85 SECTION 86 SECTION 87 SECTION 88 SECTION 89 SECTION 90 SECTION 91 SECTION 92 SECTION 93 SECTION 94 SECTION 95 SECTION 96 SECTION 97 SECTION 98 SECTION 99 SECTION 100



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20
D	ISSUED 80%	MEH	09/08/20	MAL	09/08/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20

HGA

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1019
REV: E

CHOCTAW COUNTY, ALABAMA
T-10N - R-3W

OWNER	SECTION 21	SECTION 22	SECTION 23	SECTION 24	SECTION 25
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FOOTAGE	500	500	500	500	500
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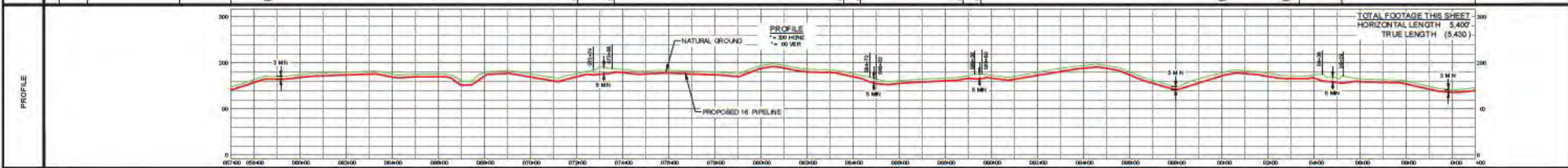
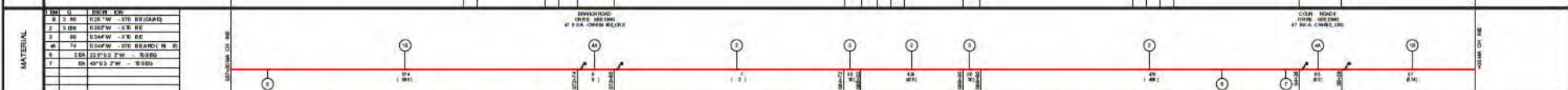
TERRAIN	500	500	500	500	500
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CODE CLASS	1	2	1
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STATIONING	0+00	0+50	1+00	1+50	2+00	2+50	3+00	3+50	4+00	4+50	5+00	5+50	6+00	6+50	7+00	7+50	8+00	8+50	9+00	9+50	10+00
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CONSTRUCTION METHOD	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT	SHOULDER CUT
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FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

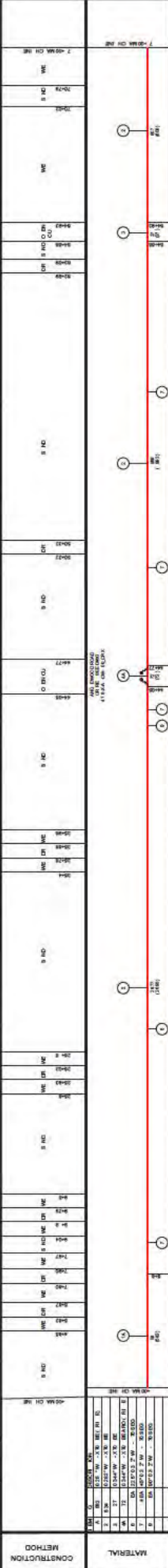
REV	DESCRIPTION	CHK	DATE	APP	DATE
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MEH	09/08/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

OWNER	FOOTAGE	TERMIN	DATE	DESCRIPTION
...



STATIONING	CONSTRUCTION METHOD
1171+00.00	...
1171+00.50	...
1171+01.00	...
1171+01.50	...
1171+02.00	...
1171+02.50	...
1171+03.00	...
1171+03.50	...
1171+04.00	...
1171+04.50	...
1171+05.00	...
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1171+06.00	...
1171+06.50	...
1171+07.00	...
1171+07.50	...
1171+08.00	...
1171+08.50	...
1171+09.00	...
1171+09.50	...
1171+10.00	...



REV	DATE	APP	CHK	DESCRIPTION
E	05/10/20	MEH	MEH	ISSUED FOR PERMIT
D	05/10/20	MEH	MEH	ISSUED FOR 5% REVIEW
C	05/10/20	MEH	MEH	ISSUED FOR 5% REVIEW
B	05/10/20	MEH	MEH	ISSUED FOR 5% REVIEW
A	05/10/20	MEH	MEH	ISSUED FOR 5% REVIEW

FOR PERMIT
 DATE: 05/10/2020
 - NOT FOR CONSTRUCTION -

REVISION

HGA
 HGA ARCHITECTURAL & ENGINEERING, INC.
 1000 W. UNIVERSITY BLVD., SUITE 100
 TUSCALOOSA, AL 35401
 TEL: 205.544.1000
 WWW.HGA-AL.COM

PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1021

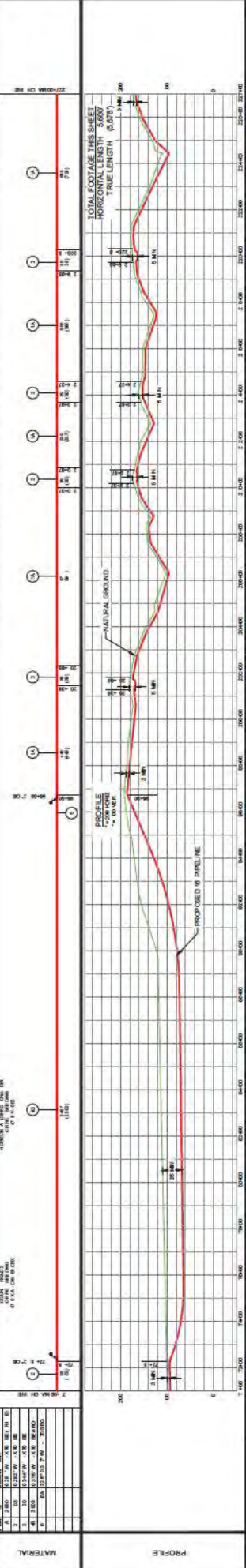
OWNER	CHOCTAW COUNTY, ALABAMA
PROJECT NO.	4719-A-1023
DATE	06/18/2020
SCALE	AS SHOWN



DATE	BY	DESCRIPTION
06/18/2020	MEH	ISSUED FOR PERMIT
06/18/2020	MEH	ISSUED FOR 5% REVIEW
06/18/2020	MEH	ISSUED FOR 10% REVIEW
06/18/2020	MEH	ISSUED FOR 20% REVIEW

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	06/18/2020	MEH
2	ISSUED FOR 5% REVIEW	06/18/2020	MEH
3	ISSUED FOR 10% REVIEW	06/18/2020	MEH
4	ISSUED FOR 20% REVIEW	06/18/2020	MEH

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	06/18/2020	MEH
2	ISSUED FOR 5% REVIEW	06/18/2020	MEH
3	ISSUED FOR 10% REVIEW	06/18/2020	MEH
4	ISSUED FOR 20% REVIEW	06/18/2020	MEH



FOR PERMIT
DATE: 06/18/2020
- NOT FOR CONSTRUCTION -

HEA
Hatch Engineering & Architecture
1000 North Loop West
Suite 1000
Houston, Texas 77007
Tel: 281.465.1000
Fax: 281.465.1001
www.hea.com

NO.	DESCRIPTION	DATE	BY
1	ISSUED FOR PERMIT	06/18/2020	MEH
2	ISSUED FOR 5% REVIEW	06/18/2020	MEH
3	ISSUED FOR 10% REVIEW	06/18/2020	MEH
4	ISSUED FOR 20% REVIEW	06/18/2020	MEH

COUNTY & STATE CHOCTAW COUNTY, ALABAMA

TOWNSHIP & RANGE T-9-N - R-2-W

R/W NO. (1.00-1.00) (1.00-1.00) (1.00-1.00) (1.00-1.00) (1.00-1.00)

OWNERSHIP

FOOTAGE

TERRAIN



LEGEND

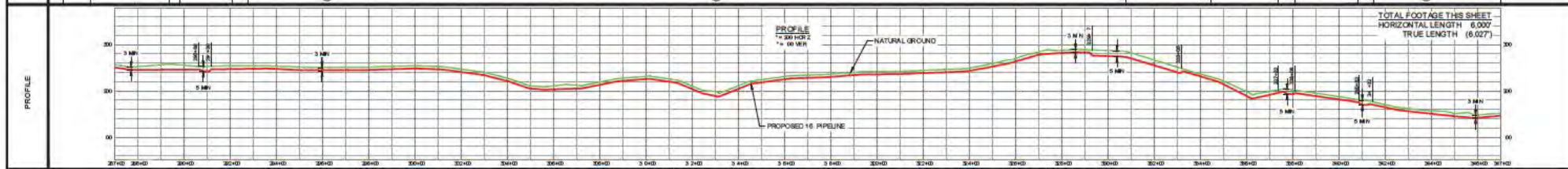
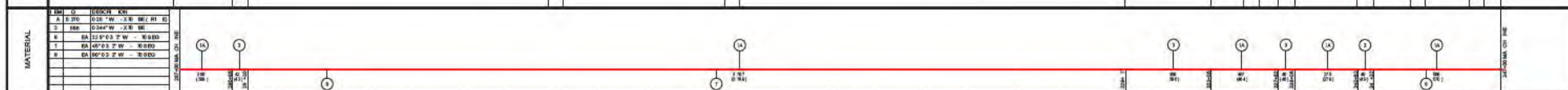
- 1" AC ASPHALT
- 1" DIA. CONCRETE PIPE
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- 1" DIA. 20' SPAN
- 1" DIA. 24' SPAN
- 1" DIA. 30' SPAN
- 1" DIA. 36' SPAN
- 1" DIA. 42' SPAN
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- 1" DIA. 1104' SPAN
- 1" DIA. 1110' SPAN
- 1" DIA. 1116' SPAN
- 1" DIA. 1122' SPAN
- 1" DIA. 1128' SPAN
- 1" DIA. 1134' SPAN
- 1" DIA. 1140' SPAN
- 1" DIA. 1146' SPAN
- 1" DIA. 1152' SPAN
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- 1" DIA. 1170' SPAN
- 1" DIA. 1176' SPAN
- 1" DIA. 1182' SPAN
- 1" DIA. 1188' SPAN
- 1" DIA. 1194' SPAN
- 1" DIA. 1200' SPAN

STATIONING

26+00	26+05	26+10	26+15	26+20	26+25	26+30	26+35	26+40	26+45	26+50	26+55	26+60	26+65	26+70	26+75	26+80	26+85	26+90	26+95	27+00	27+05	27+10	27+15	27+20	27+25	27+30	27+35	27+40	27+45	27+50	27+55	27+60	27+65	27+70	27+75	27+80	27+85	27+90	27+95	28+00	28+05	28+10	28+15	28+20	28+25	28+30	28+35	28+40	28+45	28+50	28+55	28+60	28+65	28+70	28+75	28+80	28+85	28+90	28+95	29+00	29+05	29+10	29+15	29+20	29+25	29+30	29+35	29+40	29+45	29+50	29+55	29+60	29+65	29+70	29+75	29+80	29+85	29+90	29+95	30+00
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CONSTRUCTION METHOD

26+00	26+05	26+10	26+15	26+20	26+25	26+30	26+35	26+40	26+45	26+50	26+55	26+60	26+65	26+70	26+75	26+80	26+85	26+90	26+95	27+00	27+05	27+10	27+15	27+20	27+25	27+30	27+35	27+40	27+45	27+50	27+55	27+60	27+65	27+70	27+75	27+80	27+85	27+90	27+95	28+00	28+05	28+10	28+15	28+20	28+25	28+30	28+35	28+40	28+45	28+50	28+55	28+60	28+65	28+70	28+75	28+80	28+85	28+90	28+95	29+00	29+05	29+10	29+15	29+20	29+25	29+30	29+35	29+40	29+45	29+50	29+55	29+60	29+65	29+70	29+75	29+80	29+85	29+90	29+95	30+00
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FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY HGA 03/18/20
D	ISSUED 80%	MEH	09/08/20	MAL	09/08/20	CHECKED BY MEH 04/07/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY MAL 04/07/20
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 1619015260
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE 1/4"=1'-0"

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

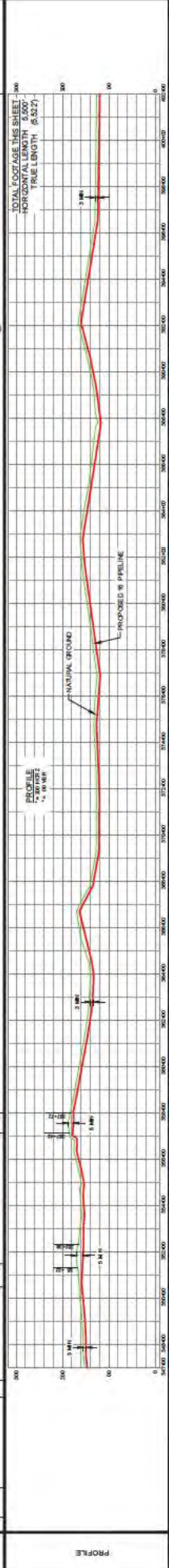
SCALE AS SHOWN
DRAWING NUMBER 4719-A-1024


OWNER	FOOTAGE	TERMIN	SECTION	SECTION	SECTION	SECTION
BLADON SPRINGS ROAD (C.B.)	100	100	100	100	100	100



STATIONING	DESCRIPTION	DATE	BY	CHK	APP
1347+00	START OF WORK	05/18/2020	MEH		
1350+00	CONSTRUCTION	05/18/2020	MEH		
1355+00	CONSTRUCTION	05/18/2020	MEH		
1360+00	CONSTRUCTION	05/18/2020	MEH		
1365+00	CONSTRUCTION	05/18/2020	MEH		
1370+00	CONSTRUCTION	05/18/2020	MEH		
1375+00	CONSTRUCTION	05/18/2020	MEH		
1380+00	CONSTRUCTION	05/18/2020	MEH		
1385+00	CONSTRUCTION	05/18/2020	MEH		
1390+00	CONSTRUCTION	05/18/2020	MEH		
1395+00	CONSTRUCTION	05/18/2020	MEH		
1400+00	CONSTRUCTION	05/18/2020	MEH		
1402+00	END OF WORK	05/18/2020	MEH		

CONSTRUCTION METHOD	MATERIAL	PROFILE
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2. GRADE	GRAVEL	GRAVEL
3. GRADE	GRAVEL	GRAVEL
4. GRADE	GRAVEL	GRAVEL
5. GRADE	GRAVEL	GRAVEL
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100. GRADE	GRAVEL	GRAVEL





HEA
 HERRINGTON ENGINEERING ARCHITECTS
 10000 Highway 100
 Birmingham, AL 35243
 Phone: 205.990.8000
 Fax: 205.990.8001
 www.heainc.com


**PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA**

SCALE: AS SHOWN
 DRAWING NUMBER: 4719A-1025

REV	DESCRIPTION	DATE	CHK	APP	DATE
E	ISSUED FOR PERMIT	05/18/2020	MEH		
D	ISSUED FOR 50% REVIEW	05/18/2020	MEH		
C	ISSUED FOR 10% REVIEW	05/18/2020	MEH		
B	ISSUED FOR 5% REVIEW	05/18/2020	MEH		
A	ISSUED FOR 0% REVIEW	05/18/2020	MEH		

REV	DESCRIPTION	DATE	CHK	APP	DATE
E	ISSUED FOR PERMIT	05/18/2020	MEH		
D	ISSUED FOR 50% REVIEW	05/18/2020	MEH		
C	ISSUED FOR 10% REVIEW	05/18/2020	MEH		
B	ISSUED FOR 5% REVIEW	05/18/2020	MEH		
A	ISSUED FOR 0% REVIEW	05/18/2020	MEH		

FOR PERMIT
 DATE: 05/18/2020
 - NOT FOR CONSTRUCTION -



NextEra ENERGY

COUNTY & STATE CHOCTAW COUNTY, ALABAMA

TOWNSHIP & RANGE T-9N - R-2W

R/W NO. A-OW-24000 C-OW-24000 C-OW-24000

OWNERSHIP

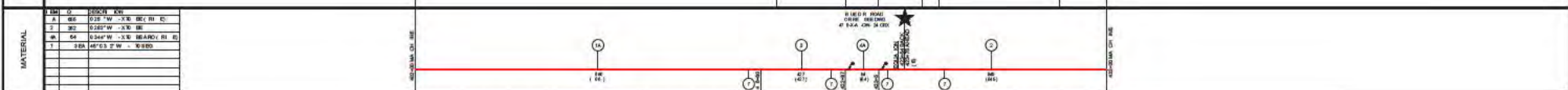
FOOTAGE TERRAIN



LEGEND

CODE CLASS	STATIONING
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2	4200+00

CONSTRUCTION METHOD	MATERIAL
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100 HD	100 HD



PROFILE
 TOTAL FOOTAGE THIS SHEET
 HORIZONTAL LENGTH 3,000'
 TRUE LENGTH (3,001)'

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	PLH
D	ISSUED 80%	MEH	09/08/20	MAL	09/08/20	
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20	
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	



FOR PERMIT
 DATE: 09/18/2020
 - NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	PLH
D	ISSUED 80%	MEH	09/08/20	MAL	09/08/20	
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20	
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	



PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 CHOCTAW COUNTY, ALABAMA

SCALE AS SHOWN
 DRAWING NUMBER 4719-A-1026
 REV E

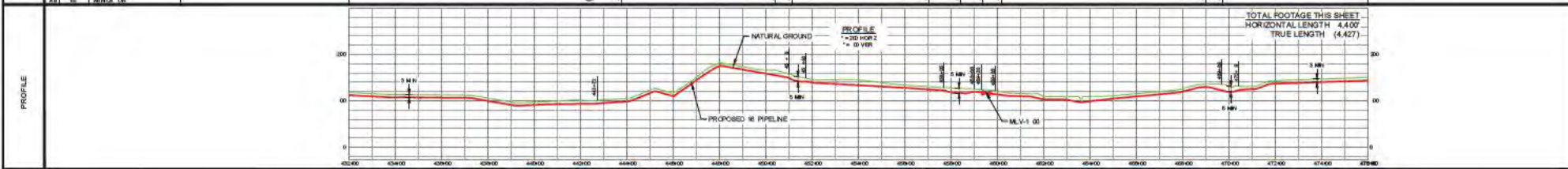
R/W NO.	A-CW-5100	A-CW-51-0	A-CW-52-0	A-CW-27000	A-CW-28000	A-CW-28000	A-CW-29000	A-CW-29000	A-CW-29000
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STATIONING	CODE CLASS	STATIONING	CODE CLASS	STATIONING	CODE CLASS	STATIONING	CODE CLASS	STATIONING	CODE CLASS
4320+00 CH 16\"/>									

CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD	CONSTRUCTION METHOD
WE	DR	WE	DR	WE	DR	S HD	DR	WE	S HD

MATERIAL	MATERIAL	MATERIAL	MATERIAL	MATERIAL	MATERIAL	MATERIAL	MATERIAL	MATERIAL	MATERIAL
2' 3\"/>									



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY HGA 03/18/20
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20	CHECKED BY MEH 04/07/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY MAL 04/07/20
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 6A19012600
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

SCALE AS SHOWN	DRAWING NUMBER 4719-A-1027	REV E
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COUNTY & STATE CHOCTAW COUNTY, ALABAMA

TOWNSHIP & RANGE T-9N - R-2W

R/W NO. (A. C.W. 5'000)

OWNERSHIP

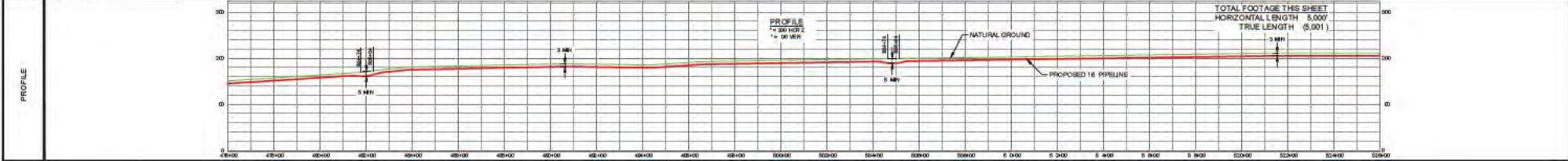
FOOTAGE 4700



STATIONING	4700+00	4800+00	4900+00	5000+00	5100+00	5200+00
CODE CLASS	2	1	2	1	1	1

CONSTRUCTION METHOD	4700+00	4800+00	4900+00	5000+00	5100+00	5200+00
CONSTRUCTION METHOD	OPEN TRENCH	OPEN TRENCH	OPEN TRENCH	OPEN TRENCH	OPEN TRENCH	OPEN TRENCH

MATERIAL	4700+00	4800+00	4900+00	5000+00	5100+00	5200+00
MATERIAL	16\"/>					



FOR PERMIT
DATE: 06/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY
D	ISSUED 80%	MEH	09/08/20	MAL	09/08/20	CHECKED BY
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20	HGA JOB NO.
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE



PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
CHOCTAW COUNTY, ALABAMA

SCALE AS SHOWN
DRAWING NUMBER 4719-A-1028
REV E

OWNER	FOOTAGE	TERMIN	CONTRACT NO.	DATE
CHOCTAW COUNTY, ALABAMA	1000.00	1000.00	4719-A-1028	08/13/2020



STATIONING	DESCRIPTION
500+00	START OF PIPELINE
500+00	START OF 12\"/>

CONSTRUCTION METHOD	MATERIAL	PROFILE
PIPE	PIPE	PIPE
CONCRETE	CONCRETE	CONCRETE
GRAVEL	GRAVEL	GRAVEL
ROCK	ROCK	ROCK
SOIL	SOIL	SOIL
WATER	WATER	WATER
NATURAL GROUND	NATURAL GROUND	NATURAL GROUND
PROPOSED 16\"/>		

REVISION	DESCRIPTION	DATE	BY	CHK.	APP.
E	ISSUED FOR PERMIT	08/13/2020	MEH		
D	ISSUED FOR 50% REVIEW	08/05/2020	MEH		
C	ISSUED FOR 10% REVIEW	07/10/2020	MEH		
B	ISSUED FOR 5% REVIEW	06/22/2020	MEH		
A	ISSUED FOR 5% REVIEW	06/10/2020	MEH		

FOR PERMIT
 DATE: 08/13/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRING ENGINEERING ARCHITECTS
 10000 W. UNIVERSITY BLVD. SUITE 100
 HOUSTON, TEXAS 77057
 TEL: 281.416.1000
 WWW.HEA.COM

PROPOSED 16\"/>

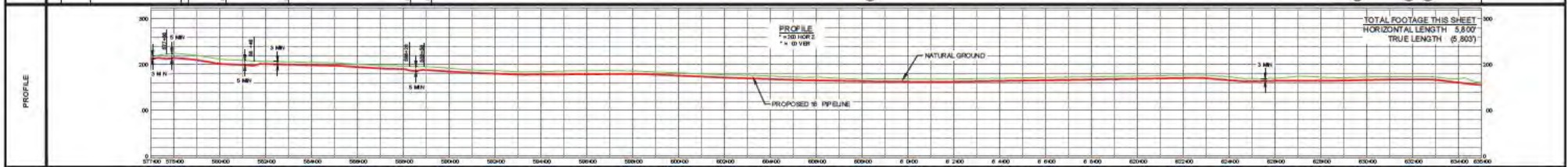
COUNTY & STATE	WASHINGTON COUNTY, ALABAMA			
TOWNSHIP & RANGE	T-8N - R-1W			
R/W NO.	(A-WR-2000)	(A-WR-3000)	(A-WR-3700)	(A-WR-4700)

OWNERSHIP	87500	88500	89500	90500
FOOTAGE	22	88	40	277
TERRAIN				



STATIONING	CODE CLASS	DESCRIPTION
87500+00	11	STATIONARY CON. NE
87500+00	12	STATIONARY CON. NE
87500+00	13	STATIONARY CON. NE
87500+00	14	STATIONARY CON. NE
87500+00	15	STATIONARY CON. NE
87500+00	16	STATIONARY CON. NE
87500+00	17	STATIONARY CON. NE
87500+00	18	STATIONARY CON. NE
87500+00	19	STATIONARY CON. NE
87500+00	20	STATIONARY CON. NE

CONSTRUCTION METHOD	STATIONING	DESCRIPTION
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE
4	87500+00	STATIONARY CON. NE



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20	
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	

HGA
Hatch Mott MacDonald
300 South College Street, Suite 120
Birmingham, AL 35203
205-674-4747
HGA.AL.CA.33.E

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
WASHINGTON COUNTY, ALABAMA

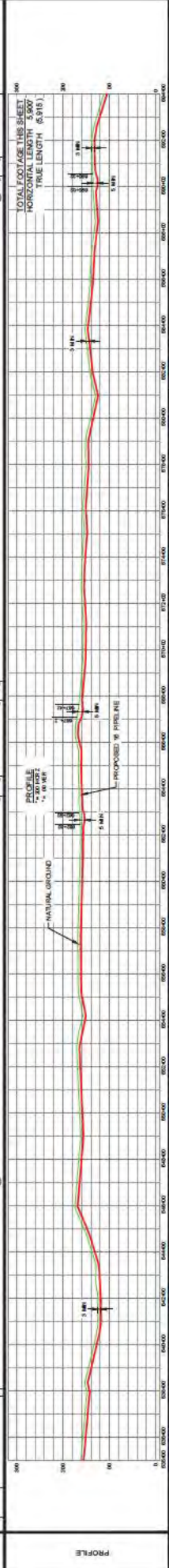
SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1030
REV: E

OWNER	FOOTAGE	TERMINAL	CONTRACT NO.	DATE



STATIONING	DESCRIPTION
100+00	100+00 MATCH LINE - SEE SHEET 4719-A-1030
100+00	PROPOSED 16\"/>

CONSTRUCTION METHOD	MATERIAL	PROFILE



FOR PERMIT
 DATE: 06/13/2020
 - NOT FOR CONSTRUCTION -

REVISION

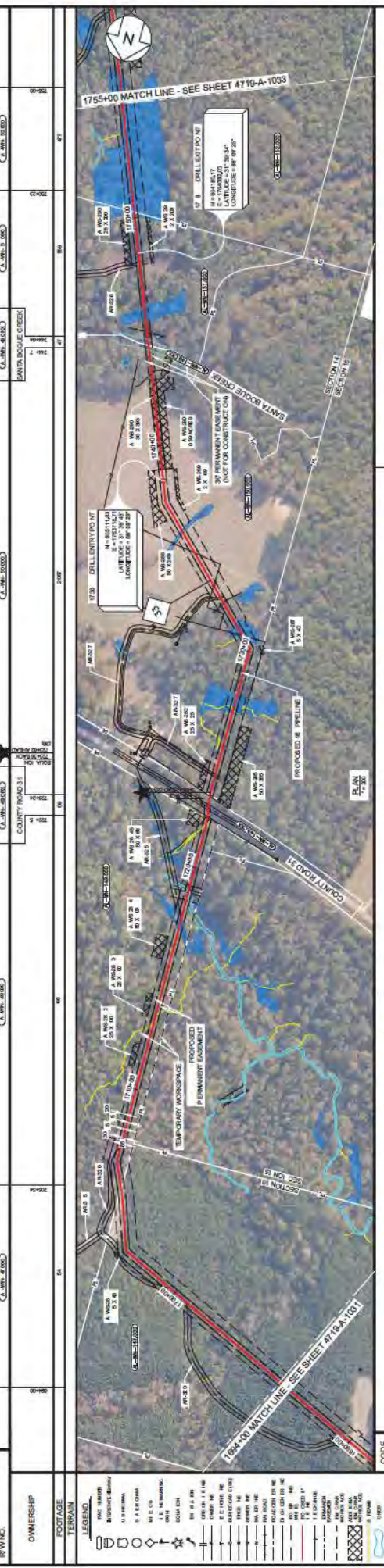
REV	DESCRIPTION	DATE	APP	CHK
A	ISSUED FOR 5% REVIEW	04/07/20	MEH	
B	ISSUED FOR 5% REVIEW	04/07/20	MEH	
C	ISSUED FOR 5% REVIEW	04/07/20	MEH	
D	ISSUED FOR 5% REVIEW	04/07/20	MEH	
E	ISSUED FOR PERMIT	06/13/20	MEH	

HGA
 HGA CONSULTANTS, INC.
 10000 N. UNIVERSITY BLVD., SUITE 100
 DALLAS, TEXAS 75243
 TEL: 972.346.7000
 WWW.HGACONSULTANTS.COM

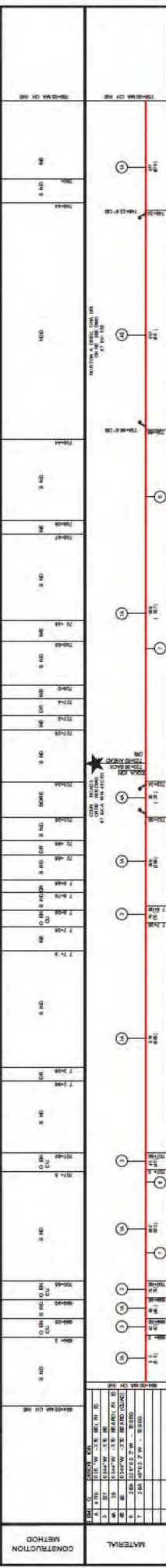
PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 WASHINGTON COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1031

COUNTY & STATE: WASHINGTON COUNTY, ALABAMA
 TOWNSHIP & RANGE: T8N - R11W
 SECTION: SECTION 15
 FOOTAGE: 67, 66, 65, 64, 63, 62, 61, 60, 59, 58, 57, 56, 55, 54, 53, 52, 51, 50, 49, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1



CONSTRUCTION METHOD	STATIONING	DESCRIPTION
1	1755+00	EXISTING 4" WATER MAIN
2	1755+00	EXISTING 6" WATER MAIN
3	1755+00	EXISTING 8" WATER MAIN
4	1755+00	EXISTING 10" WATER MAIN
5	1755+00	EXISTING 12" WATER MAIN
6	1755+00	EXISTING 14" WATER MAIN
7	1755+00	EXISTING 16" WATER MAIN
8	1755+00	EXISTING 18" WATER MAIN
9	1755+00	EXISTING 20" WATER MAIN
10	1755+00	EXISTING 24" WATER MAIN
11	1755+00	EXISTING 30" WATER MAIN
12	1755+00	EXISTING 36" WATER MAIN
13	1755+00	EXISTING 42" WATER MAIN
14	1755+00	EXISTING 48" WATER MAIN
15	1755+00	EXISTING 54" WATER MAIN
16	1755+00	EXISTING 60" WATER MAIN
17	1755+00	EXISTING 66" WATER MAIN
18	1755+00	EXISTING 72" WATER MAIN
19	1755+00	EXISTING 78" WATER MAIN
20	1755+00	EXISTING 84" WATER MAIN
21	1755+00	EXISTING 90" WATER MAIN
22	1755+00	EXISTING 96" WATER MAIN
23	1755+00	EXISTING 102" WATER MAIN
24	1755+00	EXISTING 108" WATER MAIN
25	1755+00	EXISTING 114" WATER MAIN
26	1755+00	EXISTING 120" WATER MAIN
27	1755+00	EXISTING 126" WATER MAIN
28	1755+00	EXISTING 132" WATER MAIN
29	1755+00	EXISTING 138" WATER MAIN
30	1755+00	EXISTING 144" WATER MAIN
31	1755+00	EXISTING 150" WATER MAIN
32	1755+00	EXISTING 156" WATER MAIN
33	1755+00	EXISTING 162" WATER MAIN
34	1755+00	EXISTING 168" WATER MAIN
35	1755+00	EXISTING 174" WATER MAIN
36	1755+00	EXISTING 180" WATER MAIN
37	1755+00	EXISTING 186" WATER MAIN
38	1755+00	EXISTING 192" WATER MAIN
39	1755+00	EXISTING 198" WATER MAIN
40	1755+00	EXISTING 204" WATER MAIN
41	1755+00	EXISTING 210" WATER MAIN
42	1755+00	EXISTING 216" WATER MAIN
43	1755+00	EXISTING 222" WATER MAIN
44	1755+00	EXISTING 228" WATER MAIN
45	1755+00	EXISTING 234" WATER MAIN
46	1755+00	EXISTING 240" WATER MAIN
47	1755+00	EXISTING 246" WATER MAIN
48	1755+00	EXISTING 252" WATER MAIN
49	1755+00	EXISTING 258" WATER MAIN
50	1755+00	EXISTING 264" WATER MAIN
51	1755+00	EXISTING 270" WATER MAIN
52	1755+00	EXISTING 276" WATER MAIN
53	1755+00	EXISTING 282" WATER MAIN
54	1755+00	EXISTING 288" WATER MAIN
55	1755+00	EXISTING 294" WATER MAIN
56	1755+00	EXISTING 300" WATER MAIN
57	1755+00	EXISTING 306" WATER MAIN
58	1755+00	EXISTING 312" WATER MAIN
59	1755+00	EXISTING 318" WATER MAIN
60	1755+00	EXISTING 324" WATER MAIN
61	1755+00	EXISTING 330" WATER MAIN
62	1755+00	EXISTING 336" WATER MAIN
63	1755+00	EXISTING 342" WATER MAIN
64	1755+00	EXISTING 348" WATER MAIN
65	1755+00	EXISTING 354" WATER MAIN
66	1755+00	EXISTING 360" WATER MAIN
67	1755+00	EXISTING 366" WATER MAIN
68	1755+00	EXISTING 372" WATER MAIN
69	1755+00	EXISTING 378" WATER MAIN
70	1755+00	EXISTING 384" WATER MAIN
71	1755+00	EXISTING 390" WATER MAIN
72	1755+00	EXISTING 396" WATER MAIN
73	1755+00	EXISTING 402" WATER MAIN
74	1755+00	EXISTING 408" WATER MAIN
75	1755+00	EXISTING 414" WATER MAIN
76	1755+00	EXISTING 420" WATER MAIN
77	1755+00	EXISTING 426" WATER MAIN
78	1755+00	EXISTING 432" WATER MAIN
79	1755+00	EXISTING 438" WATER MAIN
80	1755+00	EXISTING 444" WATER MAIN
81	1755+00	EXISTING 450" WATER MAIN
82	1755+00	EXISTING 456" WATER MAIN
83	1755+00	EXISTING 462" WATER MAIN
84	1755+00	EXISTING 468" WATER MAIN
85	1755+00	EXISTING 474" WATER MAIN
86	1755+00	EXISTING 480" WATER MAIN
87	1755+00	EXISTING 486" WATER MAIN
88	1755+00	EXISTING 492" WATER MAIN
89	1755+00	EXISTING 498" WATER MAIN
90	1755+00	EXISTING 504" WATER MAIN
91	1755+00	EXISTING 510" WATER MAIN
92	1755+00	EXISTING 516" WATER MAIN
93	1755+00	EXISTING 522" WATER MAIN
94	1755+00	EXISTING 528" WATER MAIN
95	1755+00	EXISTING 534" WATER MAIN
96	1755+00	EXISTING 540" WATER MAIN
97	1755+00	EXISTING 546" WATER MAIN
98	1755+00	EXISTING 552" WATER MAIN
99	1755+00	EXISTING 558" WATER MAIN
100	1755+00	EXISTING 564" WATER MAIN



REVISION	DATE	APP	CHK	DESCRIPTION
E	05/10/20	MEH	MEH	ISSUED FOR PERMIT
D	05/06/20	MEH	MEH	ISSUED FOR 50% REVIEW
C	05/02/20	MEH	MEH	ISSUED FOR 30% REVIEW
B	04/20/20	MEH	MEH	ISSUED FOR 15% REVIEW
A	04/10/20	MEH	MEH	ISSUED FOR 5% REVIEW

HECA
Headwaters Environmental Consulting & Assessment, Inc.
 1200 Highway 101, Suite 100
 Birmingham, AL 35243
 Phone: 205-975-8800
 Fax: 205-975-8801
 www.heca.com

**PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 WASHINGTON COUNTY, ALABAMA**

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1032

FOR PERMIT
 DATE: 05/10/2020
 - NOT FOR CONSTRUCTION -

COUNTY & STATE: WASHINGTON COUNTY, ALABAMA

TOWNSHIP & RANGE: T-8N - R-1-W

R/W NO.: C.W. 32000 C.W. 34000

OWNERSHIP: 77500 77600 77700

FOOTAGE: 80 38

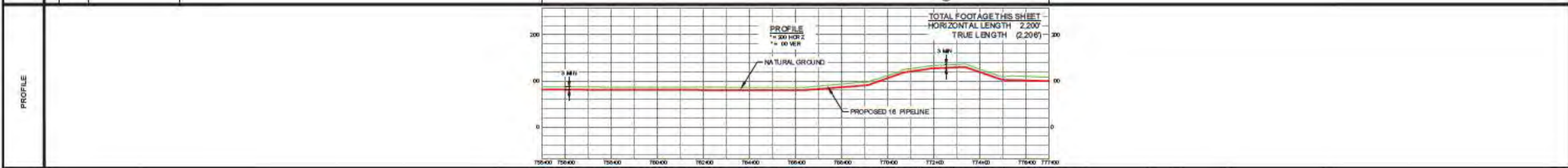


PLAN 1" = 50'

STATIONING	CODE CLASS
1756+00 MATCH LINE - SEE SHEET 4719-A-1032	
1758+00	
1760+00	
1762+00	
1764+00	
1766+00	
1768+00	
1770+00	
1772+00	
1774+00 MATCH LINE - SEE SHEET 4719-A-1034	

CONSTRUCTION METHOD	STATIONING
	1756+00 MATCH LINE - SEE SHEET 4719-A-1032
	1758+00
	1760+00
	1762+00
	1764+00
	1766+00
	1768+00
	1770+00
	1772+00
	1774+00 MATCH LINE - SEE SHEET 4719-A-1034

MATERIAL	STATIONING
	1756+00 MATCH LINE - SEE SHEET 4719-A-1032
	1758+00
	1760+00
	1762+00
	1764+00
	1766+00
	1768+00
	1770+00
	1772+00
	1774+00 MATCH LINE - SEE SHEET 4719-A-1034



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	
D	ISSUED 80%	MEH	09/08/20	MAL	09/08/20	
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	
B	ISSUED 30%	MEH	04/30/20	MAL	04/30/20	
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	

DRAWN BY	PLH	03/18/20
DESIGNED BY	HGA	03/18/20
CHECKED BY	MEH	04/07/20
APPROVED BY	MAL	04/07/20
HGA JOB NO.	6A19015260	
PLOT SCALE		



PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
WASHINGTON COUNTY, ALABAMA

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1033
REV: E

COUNTY & STATE WASHINGTON COUNTY, ALABAMA

TOWNSHIP & RANGE T-8N - R-1W

R/W NO.	A. W. 14.00	A. W. 12.00	A. W. 10.00	A. W. 8.00	A. W. 6.00	A. W. 4.00	A. W. 2.00
---------	-------------	-------------	-------------	------------	------------	------------	------------



STATIONING	CODE CLASS	DESCRIPTION
77450.00	CH	CH 16\"/>

CONSTRUCTION METHOD	DESCRIPTION
77450.00	CH 16\"/>

MATERIAL	DESCRIPTION
1	6\"/>



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20	
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
WASHINGTON COUNTY, ALABAMA

SCALE AS SHOWN	DRAWING NUMBER 4719-A-1034	REV E
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WASHINGTON COUNTY, ALABAMA

TOWNSHIP & RANGE T8N - R14W

R/W NO. (A. 50' 57.00) (A. 50' 52.00) (A. 50' 50.00) (A. 50' 50.00) (A. 50' 50.00) (A. 50' 50.00)



Table with columns: STATIONING, CODE CLASS, and various stationing notes and codes.

Table with columns: CONSTRUCTION METHOD, MATERIAL, and various construction notes.

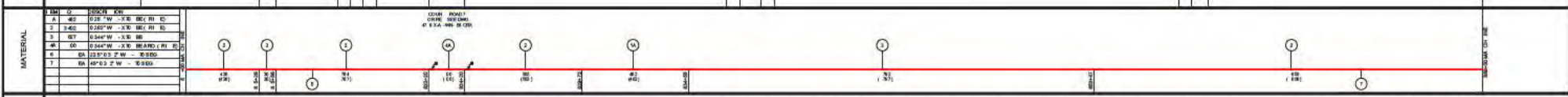


Table with columns: E, D, C, B, A (Issued for Permit, 60% Review, 30% Review, 30% Review) and corresponding dates and initials.



FOR PERMIT DATE: 09/18/2020 - NOT FOR CONSTRUCTION -

REVISION table with columns: REV, DESCRIPTION, CHK, DATE, APP, DATE, MODEL ID.



PROPOSED 16" PIPELINE LOWMAN PIPELINE PROJECT ALIGNMENT SHEET WASHINGTON COUNTY, ALABAMA

SCALE AS SHOWN DRAWING NUMBER 4719-A-1035 REV E

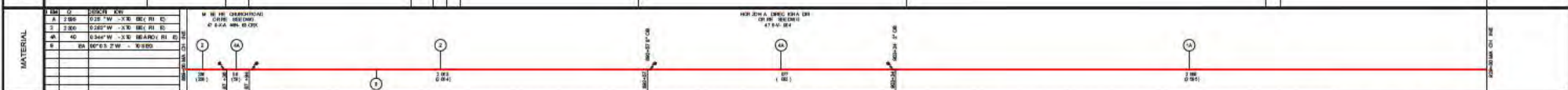
COUNTY & STATE: WASHINGTON COUNTY, ALABAMA
 TOWNSHIP & RANGE: T-8N - R-1-W

R/W NO.	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100	A-361-0100
OWNERSHIP	STATE	STATE	MOUNT BETHEL CHURCH ROAD	STATE	STATE	STATE	STATE	STATE	STATE	STATE	STATE	STATE
FOOTAGE	64	62	39	30	40	55	28	107	66	36	6	6



STATIONING	CODE CLASS	DESCRIPTION
0+00	2	1888 78 DRILL EXIT POINT
0+05	2	1888 78 DRILL EXIT POINT
0+10	2	1888 78 DRILL EXIT POINT
0+15	2	1888 78 DRILL EXIT POINT
0+20	2	1888 78 DRILL EXIT POINT
0+25	2	1888 78 DRILL EXIT POINT
0+30	2	1888 78 DRILL EXIT POINT
0+35	2	1888 78 DRILL EXIT POINT
0+40	2	1888 78 DRILL EXIT POINT
0+45	2	1888 78 DRILL EXIT POINT
0+50	2	1888 78 DRILL EXIT POINT
0+55	2	1888 78 DRILL EXIT POINT
0+60	2	1888 78 DRILL EXIT POINT
0+65	2	1888 78 DRILL EXIT POINT
0+70	2	1888 78 DRILL EXIT POINT
0+75	2	1888 78 DRILL EXIT POINT
0+80	2	1888 78 DRILL EXIT POINT
0+85	2	1888 78 DRILL EXIT POINT
0+90	2	1888 78 DRILL EXIT POINT
0+95	2	1888 78 DRILL EXIT POINT
1+00	1	1887 88 DRILL ENTRY POINT
1+05	1	1887 88 DRILL ENTRY POINT
1+10	1	1887 88 DRILL ENTRY POINT
1+15	1	1887 88 DRILL ENTRY POINT
1+20	1	1887 88 DRILL ENTRY POINT
1+25	1	1887 88 DRILL ENTRY POINT
1+30	1	1887 88 DRILL ENTRY POINT
1+35	1	1887 88 DRILL ENTRY POINT
1+40	1	1887 88 DRILL ENTRY POINT
1+45	1	1887 88 DRILL ENTRY POINT
1+50	1	1887 88 DRILL ENTRY POINT
1+55	1	1887 88 DRILL ENTRY POINT
1+60	1	1887 88 DRILL ENTRY POINT
1+65	1	1887 88 DRILL ENTRY POINT
1+70	1	1887 88 DRILL ENTRY POINT
1+75	1	1887 88 DRILL ENTRY POINT
1+80	1	1887 88 DRILL ENTRY POINT
1+85	1	1887 88 DRILL ENTRY POINT
1+90	1	1887 88 DRILL ENTRY POINT
1+95	1	1887 88 DRILL ENTRY POINT
2+00	1	1887 88 DRILL ENTRY POINT
2+05	1	1887 88 DRILL ENTRY POINT
2+10	1	1887 88 DRILL ENTRY POINT
2+15	1	1887 88 DRILL ENTRY POINT
2+20	1	1887 88 DRILL ENTRY POINT
2+25	1	1887 88 DRILL ENTRY POINT
2+30	1	1887 88 DRILL ENTRY POINT
2+35	1	1887 88 DRILL ENTRY POINT
2+40	1	1887 88 DRILL ENTRY POINT
2+45	1	1887 88 DRILL ENTRY POINT
2+50	1	1887 88 DRILL ENTRY POINT
2+55	1	1887 88 DRILL ENTRY POINT
2+60	1	1887 88 DRILL ENTRY POINT
2+65	1	1887 88 DRILL ENTRY POINT
2+70	1	1887 88 DRILL ENTRY POINT
2+75	1	1887 88 DRILL ENTRY POINT
2+80	1	1887 88 DRILL ENTRY POINT
2+85	1	1887 88 DRILL ENTRY POINT
2+90	1	1887 88 DRILL ENTRY POINT
2+95	1	1887 88 DRILL ENTRY POINT
3+00	1	1887 88 DRILL ENTRY POINT

CONSTRUCTION METHOD	MATERIAL
16" HDPE PIPE	16" HDPE PIPE
30' PERMANENT EASEMENT	30' PERMANENT EASEMENT
TEMPORARY WORKSPACE	TEMPORARY WORKSPACE



REV	DESCRIPTION	CHK	DATE	APP	DATE
E	ISSUED FOR PERMIT	MEH	09/16/20	MAL	09/16/20
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20
C	ISSUED FOR 60% REVIEW	MEH	09/16/20	MAL	09/16/20
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20

NEXTERA ENERGY

FOR PERMIT
 DATE: 09/16/2020
 - NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE
E	ISSUED FOR PERMIT	MEH	09/16/20	MAL	09/16/20
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20
C	ISSUED FOR 60% REVIEW	MEH	09/16/20	MAL	09/16/20
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20

HGA

PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 WASHINGTON COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1036
 REV: E

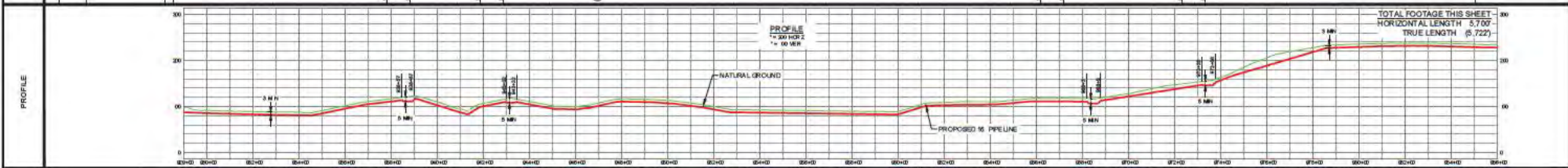
COUNTY & STATE				WASHINGTON COUNTY, ALABAMA			
TOWNSHIP & RANGE				T-8N - R-1W			
R/W NO.				A. SEC. 7, 000		T-7-N - R-2-W A. SEC. 11, 000	
OWNERSHIP				A. SEC. 12, 000		T-7-N - R-1-W A. SEC. 13, 000	
FOOTAGE				66			
TERRAIN				66			



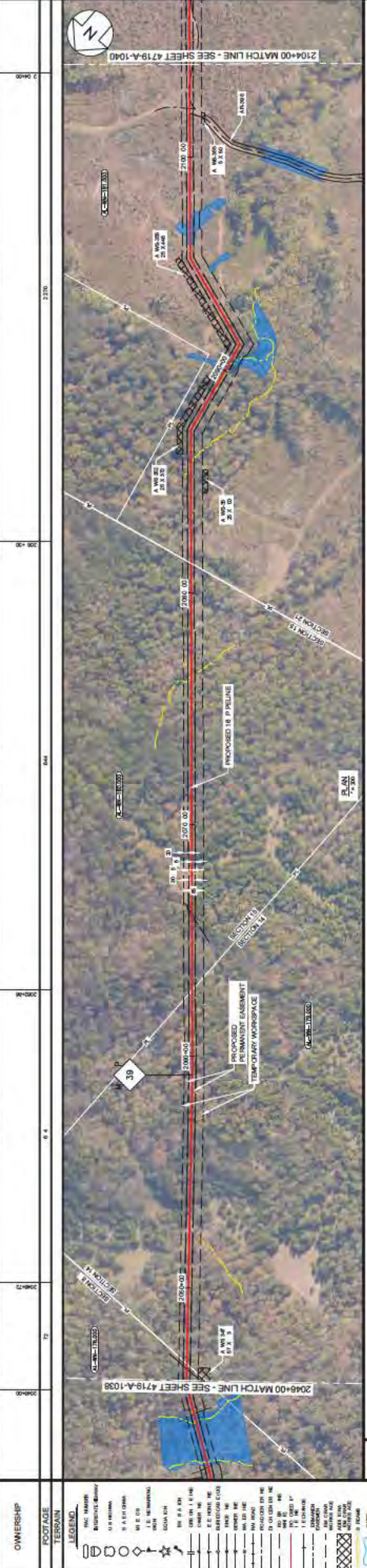
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84+00 TO 85+00	SECTION 9, 000
85+00 TO 86+00	SECTION 10, 000
86+00 TO 87+00	SECTION 11, 000
87+00 TO 88+00	SECTION 12, 000
88+00 TO 89+00	SECTION 13, 000
89+00 TO 90+00	SECTION 14, 000
90+00 TO 91+00	SECTION 15, 000
91+00 TO 92+00	SECTION 16, 000
92+00 TO 93+00	SECTION 17, 000
93+00 TO 94+00	SECTION 18, 000
94+00 TO 95+00	SECTION 19, 000
95+00 TO 96+00	SECTION 20, 000
96+00 TO 97+00	SECTION 21, 000
97+00 TO 98+00	SECTION 22, 000

CONSTRUCTION METHOD
SECTION 7, 000
SECTION 8, 000
SECTION 9, 000
SECTION 10, 000
SECTION 11, 000
SECTION 12, 000
SECTION 13, 000
SECTION 14, 000
SECTION 15, 000
SECTION 16, 000
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SECTION 22, 000

MATERIAL
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SECTION 22, 000

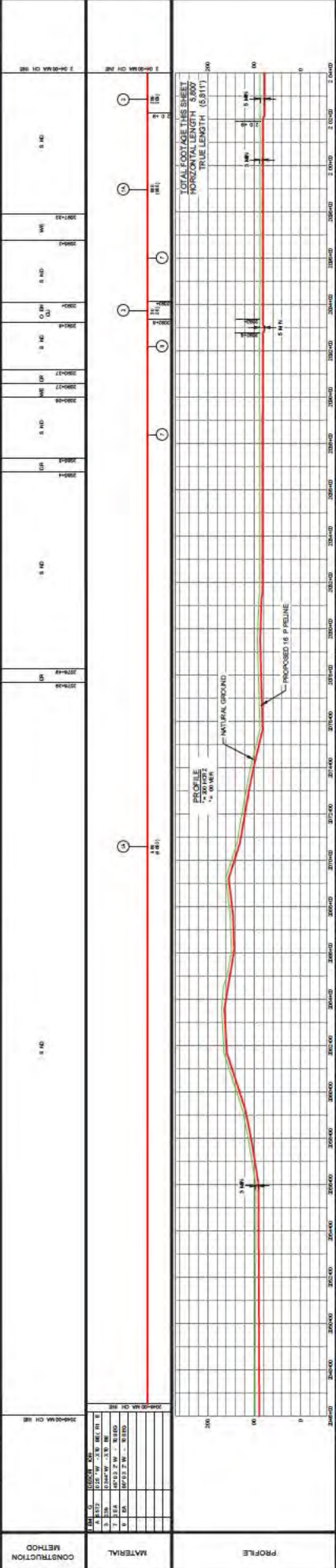


	FOR PERMIT DATE: 06/18/2020 - NOT FOR CONSTRUCTION -	<table border="1"> <thead> <tr> <th>REV</th> <th>DESCRIPTION</th> <th>CHK</th> <th>DATE</th> <th>APP</th> <th>DATE</th> <th>MODEL ID</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>ISSUED FOR PERMIT</td> <td>MEH</td> <td>09/18/20</td> <td>MAL</td> <td>09/18/20</td> <td>DESIGNED BY: PLH 03/18/20</td> </tr> <tr> <td>D</td> <td>ISSUED FOR 80% REVIEW</td> <td>MEH</td> <td>09/08/20</td> <td>MAL</td> <td>09/08/20</td> <td>CHECKED BY: HGA 03/18/20</td> </tr> <tr> <td>C</td> <td>ISSUED FOR 60% REVIEW</td> <td>MEH</td> <td>09/18/20</td> <td>MAL</td> <td>09/18/20</td> <td>APPROVED BY: MAL 04/07/20</td> </tr> <tr> <td>B</td> <td>ISSUED FOR 30% REVIEW</td> <td>MEH</td> <td>04/30/20</td> <td>MAL</td> <td>04/30/20</td> <td>HGA JOB NO. 16190152610</td> </tr> <tr> <td>A</td> <td>ISSUED FOR 30% REVIEW</td> <td>MEH</td> <td>04/07/20</td> <td>MAL</td> <td>04/07/20</td> <td>PLOT SCALE: 1/8"=1'-0"</td> </tr> </tbody> </table>	REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID	E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY: PLH 03/18/20	D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20	CHECKED BY: HGA 03/18/20	C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY: MAL 04/07/20	B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 16190152610	A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE: 1/8"=1'-0"		PROPOSED 16" PIPELINE LOWMAN PIPELINE PROJECT ALIGNMENT SHEET WASHINGTON COUNTY, ALABAMA
			REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID																																					
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY: PLH 03/18/20																																								
D	ISSUED FOR 80% REVIEW	MEH	09/08/20	MAL	09/08/20	CHECKED BY: HGA 03/18/20																																								
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B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 16190152610																																								
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE: 1/8"=1'-0"																																								



STATIONING	DESCRIPTION
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CONSTRUCTION METHOD	MATERIAL
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FOR PERMIT
 DATE: 06/18/2020
 - NOT FOR CONSTRUCTION -

REVISION

REV	DESCRIPTION	DATE	APP	CHK
A	ISSUED FOR 0% REVIEW	04/07/20	WAL	MEH
B	ISSUED FOR 0% REVIEW	04/07/20	WAL	MEH
C	ISSUED FOR 0% REVIEW	04/07/20	WAL	MEH
D	ISSUED FOR 0% REVIEW	04/07/20	WAL	MEH
E	ISSUED FOR PERMIT	06/18/20	WAL	MEH

HEA

HEALTH, ENVIRONMENT & SAFETY
 1000 W. UNIVERSITY BLVD. SUITE 100
 BOEYFAL, AL 36824
 TEL: 334.367.5000
 FAX: 334.367.5001

PROPOSED 16\"/>

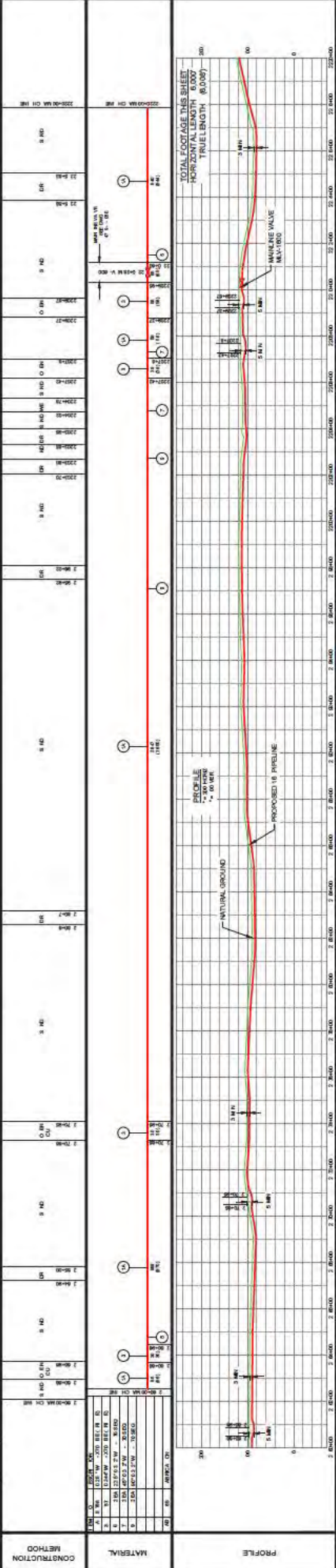
LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 WASHINGTON COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1039

SW NO.	FOOTAGE	TERMIN	OWNERSHIP
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6	200+00	200+00	...
7	200+00	200+00	...
8	200+00	200+00	...
9	200+00	200+00	...
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STATIONING	CONSTRUCTION METHOD	MATERIAL	PROFILE
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2190+00
2195+00
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2205+00
2210+00
2215+00
2220+00



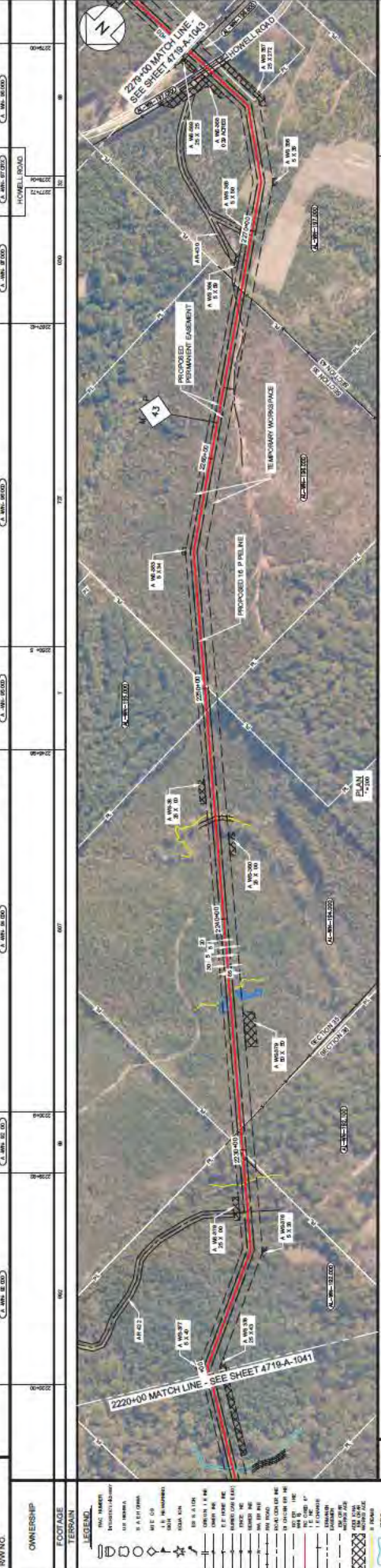
FOR PERMIT
 DATE: 08/14/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRING ENGINEERING ASSOCIATES, INC.
 1000 W. UNIVERSITY BLVD., SUITE 100
 PRICHARD, AL 36869
 PHONE: 256-391-3500
 FAX: 256-391-3501
 WWW.HEA-AL.COM

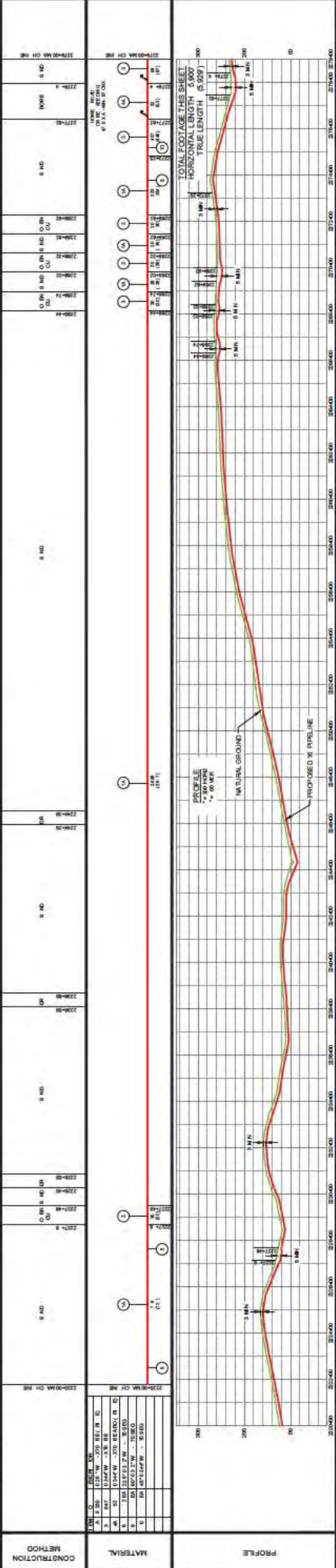
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3	ISSUED FOR PERMIT	08/14/2020	MAL	MEH	08/14/2020	MAL	MEH
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REV	DESCRIPTION	DATE	APP	CHK	DATE	APP	CHK
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2	ISSUED FOR PERMIT	08/14/2020	MAL	MEH	08/14/2020	MAL	MEH
3	ISSUED FOR PERMIT	08/14/2020	MAL	MEH	08/14/2020	MAL	MEH
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SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1041
 REV: E



CONSTRUCTION METHOD	STATIONING	CODE CLASS
1. 16\"/>		



FOR PERMIT
 DATE: 08/18/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRINGTON ENGINEERING & ARCHITECTURE
 1000 W. UNIVERSITY BLVD. SUITE 100
 HOUSTON, TX 77002
 PH: 281.416.1000
 WWW.HEA-AL.COM

REV	CHK	DATE	APP	DATE	DESCRIPTION	REVISION
E	MEH	03/10/20	WAL	03/10/20	ISSUED FOR PERMIT	
D	MEH	03/10/20	WAL	03/10/20	ISSUED FOR PERMIT	
C	MEH	03/10/20	WAL	03/10/20	ISSUED FOR PERMIT REVIEW	
B	MEH	03/10/20	WAL	03/10/20	ISSUED FOR PERMIT REVIEW	
A	MEH	03/10/20	WAL	03/10/20	ISSUED FOR PERMIT REVIEW	

DOWN BY	DATE	DESIGNED BY	CHECKED BY	APPROVED BY	SCALE	MODEL ID
HEA	03/10/20	MEH	MEH	WAL	AS SHOWN	

PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
WASHINGTON COUNTY, ALABAMA

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1042

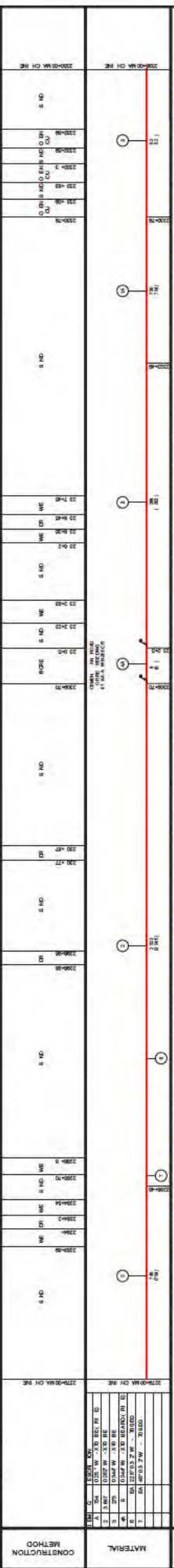


LEGEND

	RIGHT-OF-WAY
	PROPOSED PIPELINE
	RIGHT-OF-WAY BOUNDARY
	RIGHT-OF-WAY EXTENSION
	RIGHT-OF-WAY WIDENING
	RIGHT-OF-WAY SHRINKAGE
	RIGHT-OF-WAY ACCESS ROAD
	RIGHT-OF-WAY EASEMENT
	RIGHT-OF-WAY MAINTENANCE SPACE
	RIGHT-OF-WAY ENCROACHMENT
	RIGHT-OF-WAY OBSTRUCTION
	RIGHT-OF-WAY STRUCTURE
	RIGHT-OF-WAY UTILITY
	RIGHT-OF-WAY STRUCTURE
	RIGHT-OF-WAY STRUCTURE
	RIGHT-OF-WAY STRUCTURE
	RIGHT-OF-WAY STRUCTURE
	RIGHT-OF-WAY STRUCTURE

STATIONING

STATIONING	CONSTRUCTION METHOD
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2282+00	EXISTING
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2303+00	EXISTING
2304+00	EXISTING
2305+00	EXISTING
2306+00	EXISTING
2307+00	EXISTING
2308+00	EXISTING
2309+00	EXISTING



REVISION

REV	CHK	DATE	APP	DESCRIPTION
E	MEH	09/10/20	MEH	ISSUED FOR PERMIT
D	MEH	09/10/20	MEH	ISSUED FOR REVIEW
C	MEH	09/10/20	MEH	ISSUED FOR REVIEW
B	MEH	09/10/20	MEH	ISSUED FOR REVIEW
A	MEH	09/10/20	MEH	ISSUED FOR REVIEW

FOR PERMIT
 DATE: 09/10/20
 - NOT FOR CONSTRUCTION -

HEA
 HERRINGTON ENGINEERING ARCHITECTS, INC.
 3535 W. MARKET BLVD, SUITE 100
 BIRMINGHAM, AL 35226
 PHONE: (205) 991-0000
 FAX: (205) 991-0001
 WWW.HEA-AL.COM

CLIENT
 NEXTERA ENERGY

PROJECT
 PROPOSED 16" PIPELINE ALIGNMENT SHEET, WASHINGTON COUNTY, ALABAMA

DATE
 09/10/20

SCALE
 AS SHOWN

DRAWING NUMBER
 4719-A-1043

REVISED BY
 MEH

CHECKED BY
 MEH

APPROVED BY
 MEH

SCALE
 AS SHOWN

DATE
 09/10/20

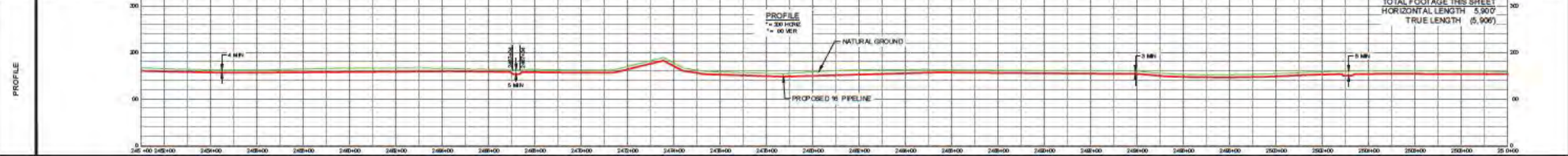
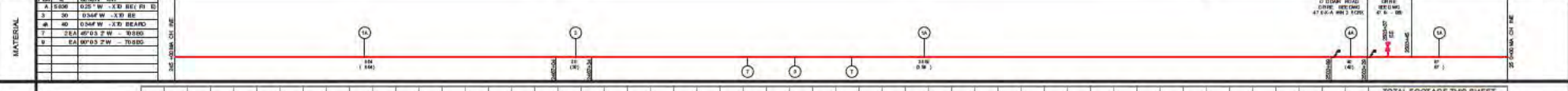
APP
 MEH


DESCRIPTION
 REVISION



STATIONING	CODE CLASS
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2491+00	36-100 W.M. CH. NE
2492+00	36-100 W.M. CH. NE
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2494+00	36-100 W.M. CH. NE
2495+00	36-100 W.M. CH. NE
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2497+00	36-100 W.M. CH. NE
2498+00	36-100 W.M. CH. NE
2499+00	36-100 W.M. CH. NE
2500+00	36-100 W.M. CH. NE


CONSTRUCTION METHOD
S/D
O EN CU
S/D
WE
S/D
O EN CU
S/D





FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20	DESIGNED BY HGA 03/18/20
D	ISSUED FOR PERMIT	MEH	09/08/20	MAL	09/08/20	CHECKED BY MEH 04/07/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20	APPROVED BY MAL 04/07/20
B	ISSUED FOR 30% REVIEW	MEH	04/30/20	MAL	04/30/20	HGA JOB NO. 161815100A
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20	PLOT SCALE



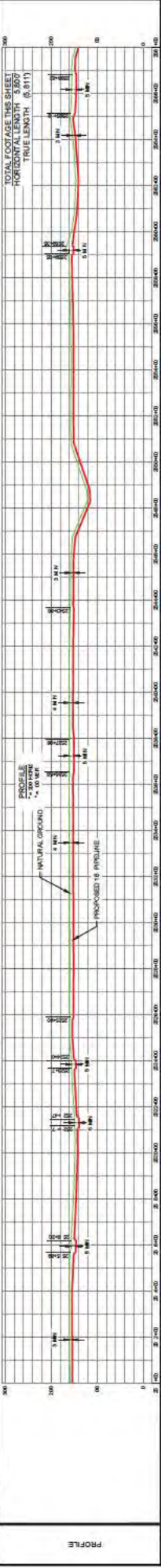
PROPOSED 16\"/>

CONSTRUCTION METHOD	DATE	BY	DESCRIPTION



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2555+00	START OF SECTION 12
2560+00	START OF SECTION 13
2565+00	START OF SECTION 14
2570+00	START OF SECTION 15

DATE	BY	DESCRIPTION
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05/11/2020	MEH	ISSUED FOR REVIEW
05/11/2020	MEH	ISSUED FOR REVIEW
05/11/2020	MEH	ISSUED FOR REVIEW
05/11/2020	MEH	ISSUED FOR REVIEW



FOR PERMIT
 DATE: 05/11/2020
 - NOT FOR CONSTRUCTION -

HEA
 HERRINGTON ENGINEERING ARCHITECTS
 1000 1/2 AVENUE SOUTH
 WASHINGTON COUNTY, ALABAMA 36080
 PHONE: (205) 938-1100
 FAX: (205) 938-1101
 WWW.HEA-AL.COM

REV	DATE	APP	CHK	DATE	DESCRIPTION

**PROPOSED 16" PIPELINE
 LOWMAN PIPELINE PROJECT
 ALIGNMENT SHEET
 WASHINGTON COUNTY, ALABAMA**

SCALE: AS SHOWN
 DRAWING NUMBER: 4719-A-1047
 REV: E

WASHINGTON COUNTY, ALABAMA
T-6N - R-1-E

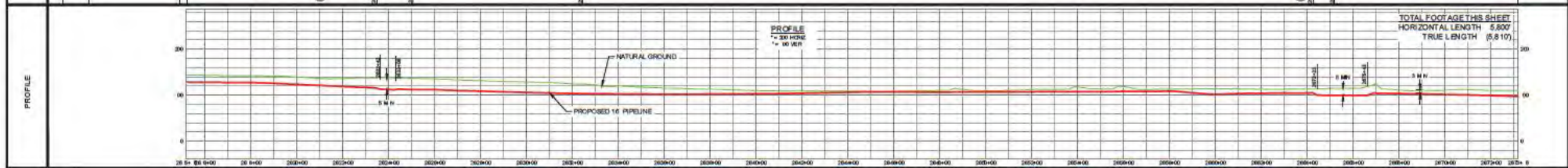
OWNER: JUPITER FERRY ROAD

OWNERSHIP								
FOOTAGE	30	474	348	48	68	63		394



STATIONING	2624+00	2630+00	2636+00	2642+00	2648+00	2654+00	2660+00	2666+00	2672+00	2674+00
CODE CLASS										

CONSTRUCTION METHOD		8 RD														9 HD	
---------------------	--	------	--	--	--	--	--	--	--	--	--	--	--	--	--	------	--



FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

REV	DESCRIPTION	CHK	DATE	APP	DATE	MODEL ID	DRAWN BY	PLN	DATE
E	ISSUED FOR PERMIT	MEH	09/18/20	MAL	09/18/20		DESIGNED BY	HGA	03/18/20
D	ISSUED FOR 80% REVIEW	MEH	09/09/20	MAL	09/09/20		CHECKED BY	MEH	04/07/20
C	ISSUED FOR 60% REVIEW	MEH	09/18/20	MAL	09/18/20		APPROVED BY	MAL	04/07/20
B	ISSUED 30%	MEH	04/03/20	MAL	04/03/20		HGA JOB NO.	BA1901506J	
A	ISSUED FOR 30% REVIEW	MEH	04/07/20	MAL	04/07/20		PLOT SCALE		

**PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
WASHINGTON COUNTY, ALABAMA**

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1049

WASHINGTON COUNTY, ALABAMA

T-6N - R1-E

275+00	276+00	277+00	278+00	279+00	280+00	281+00	282+00	283+00	284+00	285+00	286+00	287+00	288+00	289+00	290+00	291+00	292+00	293+00	294+00	295+00	296+00	297+00	298+00	299+00	300+00
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JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



2892+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

PLAN

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

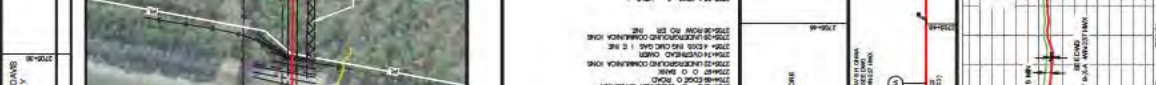
SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

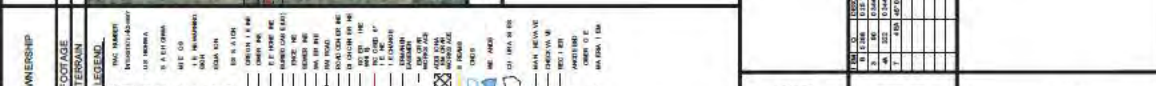
SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12



275+00 MATCH LINE - SEE SHEET 4719-A-1049

2740+00 MATCH LINE - SEE SHEET 4719-A-1051

DATE: 11/19/2020

JEFFERSON DAVIS HIGHWAY

SECTION 5

SECTION 6

SECTION 7

SECTION 8

SECTION 9

SECTION 10

SECTION 11

SECTION 12

COUNTY & STATE: WASHINGTON COUNTY, ALABAMA

TOWNSHIP & RANGE: T-6N - R1-E

SW NO.: []

OWNERSHIP: []

FOOTAGE TERMAIN: []

LEGEND:

- ENC. TARRANT
- PROPOSED 16\"/>
- 1\"/>
- 2\"/>
- 3\"/>
- 4\"/>
- 5\"/>
- 6\"/>
- 7\"/>
- 8\"/>
- 9\"/>
- 10\"/>
- 12\"/>
- 15\"/>
- 18\"/>
- 21\"/>
- 24\"/>
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- 102\"/>
- 108\"/>
- 114\"/>
- 120\"/>
- 126\"/>
- 132\"/>
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- 144\"/>
- 150\"/>
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- 246\"/>
- 252\"/>
- 258\"/>
- 264\"/>
- 270\"/>
- 276\"/>
- 282\"/>
- 288\"/>
- 294\"/>
- 300\"/>

STATIONING

CODE CLASS

CONSTRUCTION METHOD

MATERIAL

PROFILE

DATE: 11/19/2020

TITLE: PROPOSED 16\"/>

FOR PERMIT

DATE: 08/26/2020

- NOT FOR CONSTRUCTION -

REVISION

REV	CHK	DATE	APP	DATE	DESCRIPTION
A	MEH	08/27/2020	WAL	08/27/2020	ISSUED FOR 90% REVIEW
B	MEH	09/01/2020	WAL	09/01/2020	ISSUED FOR 90% REVIEW
C	MEH	09/03/2020	WAL	09/03/2020	ISSUED FOR 90% REVIEW
D	MEH	09/08/2020	WAL	09/08/2020	ISSUED FOR PERMIT

HEA

DESIGNED BY: []

CHECKED BY: []

APPROVED BY: []

SCALE: []

MODEL ID: []

PROPOSED 16\"/>

LOWMAN PIPELINE PROJECT

ALIGNMENT SHEET

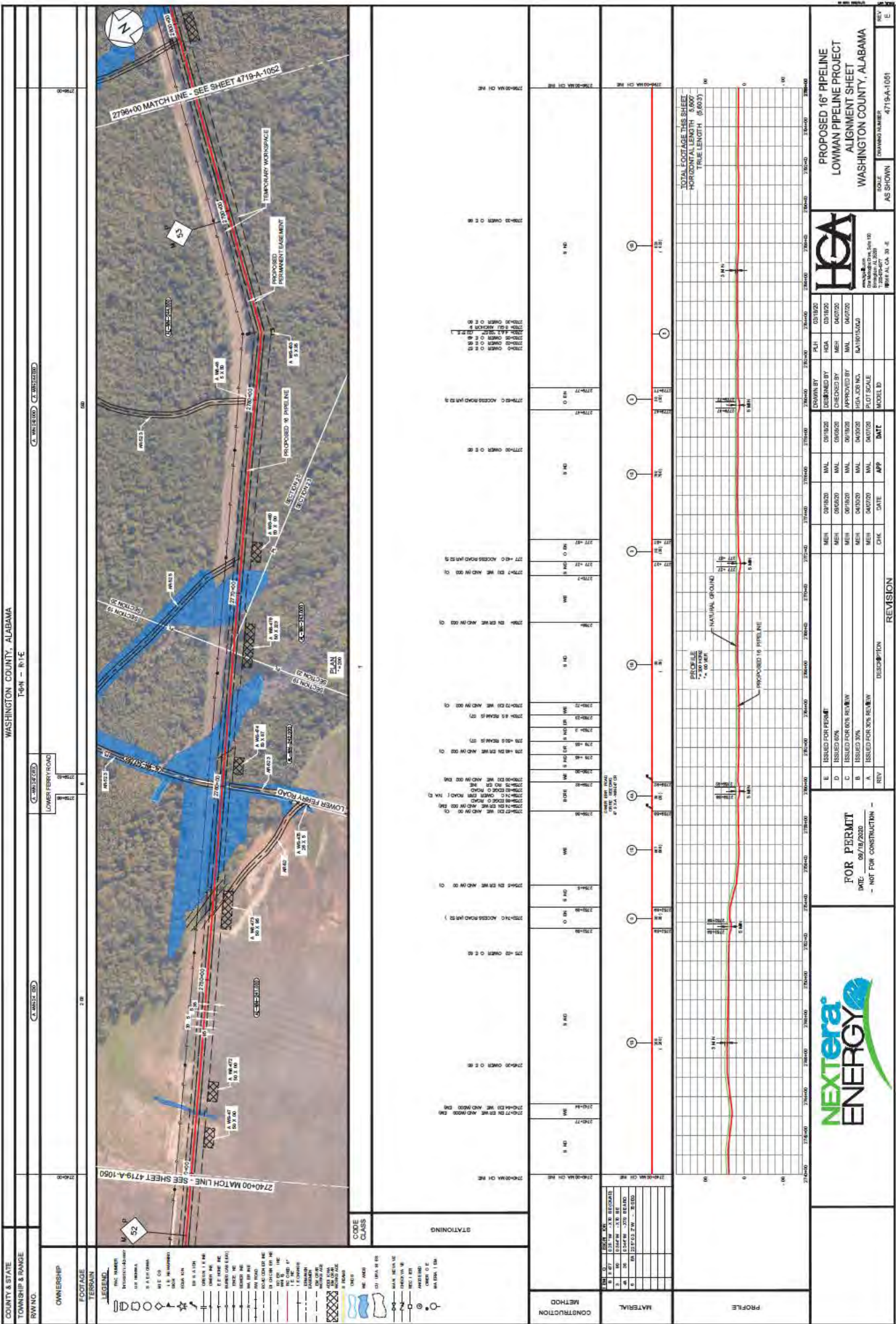
WASHINGTON COUNTY, ALABAMA

DRAWING NUMBER: 4719-A-1050

SCALE: AS SHOWN

DATE: 11/19/2020

PERMANENT IMPACTS



COUNTY & STATE WASHINGTON COUNTY, ALABAMA
TOWNSHIP & RANGE 16-N - R1-E
SW NO. C. WILSON, C. WILSON, C. WILSON
OWNERSHIP
FOOTAGE
TERMIN

CODE	DESCRIPTION
---	RIGHT OF WAY
---	PROPOSED PERMANENT DAMAGE
---	PROPOSED TEMPORARY WORKSPACE
---	...

STATIONING	CONSTRUCTION METHOD
2796+00.00	9.00' 1.14'
2795+00.00	9.00' 1.14'
2794+00.00	9.00' 1.14'
2793+00.00	9.00' 1.14'
2792+00.00	9.00' 1.14'
2791+00.00	9.00' 1.14'
2790+00.00	9.00' 1.14'
2789+00.00	9.00' 1.14'
2788+00.00	9.00' 1.14'
2787+00.00	9.00' 1.14'
2786+00.00	9.00' 1.14'
2785+00.00	9.00' 1.14'
2784+00.00	9.00' 1.14'
2783+00.00	9.00' 1.14'
2782+00.00	9.00' 1.14'
2781+00.00	9.00' 1.14'
2780+00.00	9.00' 1.14'
2779+00.00	9.00' 1.14'
2778+00.00	9.00' 1.14'
2777+00.00	9.00' 1.14'
2776+00.00	9.00' 1.14'
2775+00.00	9.00' 1.14'
2774+00.00	9.00' 1.14'
2773+00.00	9.00' 1.14'
2772+00.00	9.00' 1.14'
2771+00.00	9.00' 1.14'
2770+00.00	9.00' 1.14'
2769+00.00	9.00' 1.14'
2768+00.00	9.00' 1.14'
2767+00.00	9.00' 1.14'
2766+00.00	9.00' 1.14'
2765+00.00	9.00' 1.14'
2764+00.00	9.00' 1.14'
2763+00.00	9.00' 1.14'
2762+00.00	9.00' 1.14'
2761+00.00	9.00' 1.14'
2760+00.00	9.00' 1.14'
2759+00.00	9.00' 1.14'
2758+00.00	9.00' 1.14'
2757+00.00	9.00' 1.14'
2756+00.00	9.00' 1.14'
2755+00.00	9.00' 1.14'
2754+00.00	9.00' 1.14'
2753+00.00	9.00' 1.14'
2752+00.00	9.00' 1.14'
2751+00.00	9.00' 1.14'
2750+00.00	9.00' 1.14'
2749+00.00	9.00' 1.14'
2748+00.00	9.00' 1.14'
2747+00.00	9.00' 1.14'
2746+00.00	9.00' 1.14'
2745+00.00	9.00' 1.14'
2744+00.00	9.00' 1.14'
2743+00.00	9.00' 1.14'
2742+00.00	9.00' 1.14'
2741+00.00	9.00' 1.14'
2740+00.00	9.00' 1.14'

PROFILE	MATERIAL
2740+00.00	9.00' 1.14'
2741+00.00	9.00' 1.14'
2742+00.00	9.00' 1.14'
2743+00.00	9.00' 1.14'
2744+00.00	9.00' 1.14'
2745+00.00	9.00' 1.14'
2746+00.00	9.00' 1.14'
2747+00.00	9.00' 1.14'
2748+00.00	9.00' 1.14'
2749+00.00	9.00' 1.14'
2750+00.00	9.00' 1.14'
2751+00.00	9.00' 1.14'
2752+00.00	9.00' 1.14'
2753+00.00	9.00' 1.14'
2754+00.00	9.00' 1.14'
2755+00.00	9.00' 1.14'
2756+00.00	9.00' 1.14'
2757+00.00	9.00' 1.14'
2758+00.00	9.00' 1.14'
2759+00.00	9.00' 1.14'
2760+00.00	9.00' 1.14'
2761+00.00	9.00' 1.14'
2762+00.00	9.00' 1.14'
2763+00.00	9.00' 1.14'
2764+00.00	9.00' 1.14'
2765+00.00	9.00' 1.14'
2766+00.00	9.00' 1.14'
2767+00.00	9.00' 1.14'
2768+00.00	9.00' 1.14'
2769+00.00	9.00' 1.14'
2770+00.00	9.00' 1.14'
2771+00.00	9.00' 1.14'
2772+00.00	9.00' 1.14'
2773+00.00	9.00' 1.14'
2774+00.00	9.00' 1.14'
2775+00.00	9.00' 1.14'
2776+00.00	9.00' 1.14'
2777+00.00	9.00' 1.14'
2778+00.00	9.00' 1.14'
2779+00.00	9.00' 1.14'
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2785+00.00	9.00' 1.14'
2786+00.00	9.00' 1.14'
2787+00.00	9.00' 1.14'
2788+00.00	9.00' 1.14'
2789+00.00	9.00' 1.14'
2790+00.00	9.00' 1.14'
2791+00.00	9.00' 1.14'
2792+00.00	9.00' 1.14'
2793+00.00	9.00' 1.14'
2794+00.00	9.00' 1.14'
2795+00.00	9.00' 1.14'
2796+00.00	9.00' 1.14'

TOTAL FOOTAGE THIS SHEET: 2796+00.00 WA CH ME
PROPOSED PERMANENT DAMAGE: 101.60
PROPOSED TEMPORARY WORKSPACE: 80.83

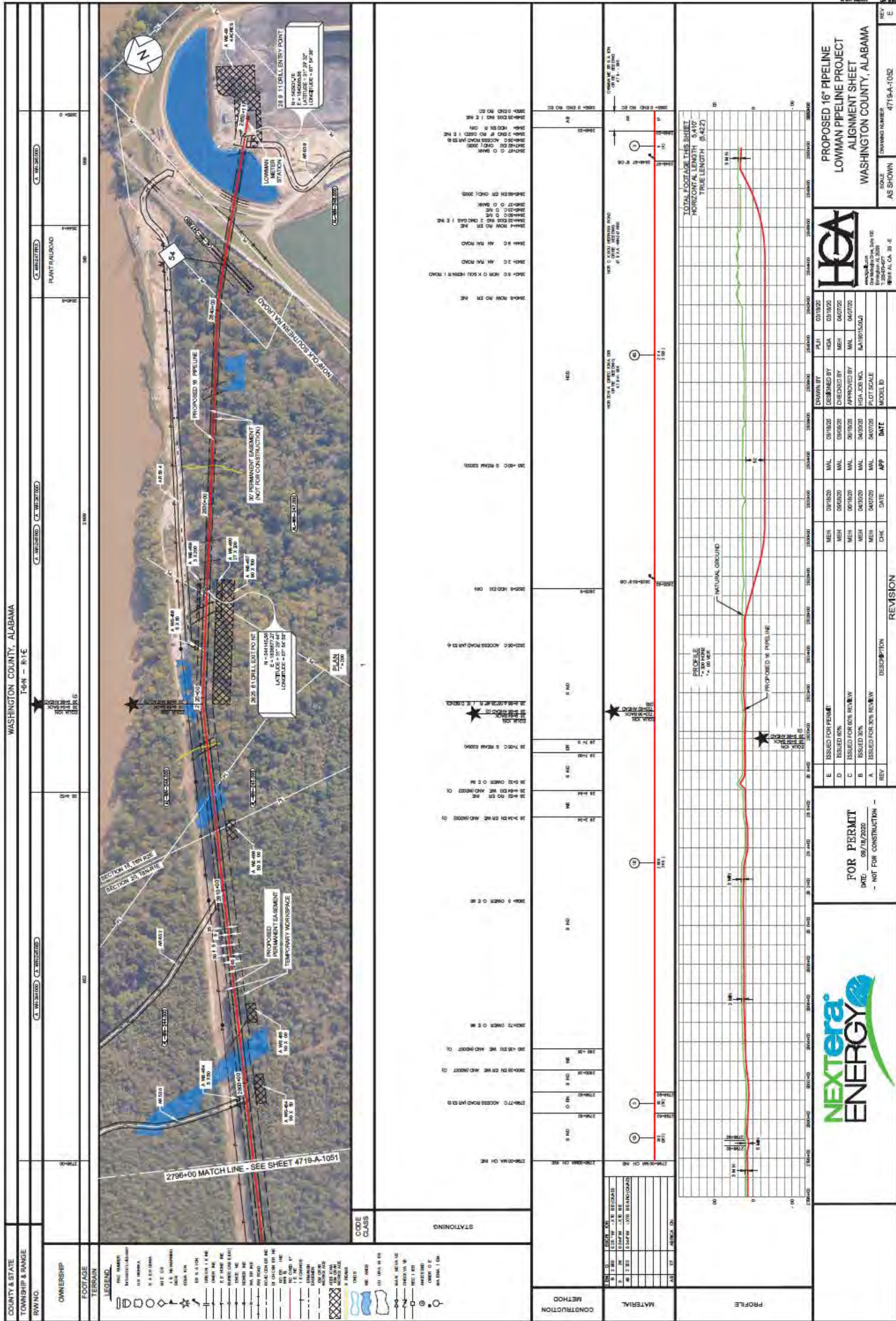
HEA

Washington County, Alabama

DESIGNED BY	HEA	DATE	03/18/20
CHECKED BY	MEH	DATE	04/07/20
APPROVED BY	MAL	DATE	04/27/20
DRAWN BY	PLJ	DATE	03/18/20
SCALE	AS SHOWN	PROJECT	PROPOSED 16" PIPELINE LOWMAN PIPELINE PROJECT
MODEL ID	4719-A-1051	ISSUE NO.	01
DATE	04/27/20	DATE	04/27/20
CHK	MEH	APP	MAL
REV	MEH	DESCRIPTION	REVISION

FOR PERMIT
DATE: 08/18/2020
- NOT FOR CONSTRUCTION -

PERMANENT IMPACTS



COUNTY & STATE		WASHINGTON COUNTY, ALABAMA	
TOWNSHIP & RANGE		16-N - 81-E	
SW NO.		C-16-21-2000 C-16-21-2000	
OWNERSHIP		PLANTATION	
FOOTAGE		1000	
TERMIN		1000	

NO.	DATE	BY	DESCRIPTION
E	09/10/20	HEA	ISSUED FOR PERMIT
D	08/20/20	MEH	ISSUED FOR REVIEW
C	08/20/20	MEH	ISSUED FOR REVIEW
B	08/20/20	MEH	ISSUED FOR REVIEW
A	08/20/20	MEH	ISSUED FOR REVIEW

DESIGNED BY	HEA
CHECKED BY	MEH
APPROVED BY	MEH
SCALE	AS SHOWN

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

PROJECT NO.	4719-A-1051
DATE	08/10/2020
STATUS	NOT FOR CONSTRUCTION

Nextera ENERGY

FOR PERMIT
DATE: 08/10/2020
- NOT FOR CONSTRUCTION -

HEA
Hatch Engineering & Architecture
1000 16th St, Suite 100
Birmingham, AL 35203
Phone: 205.988.1000
www.heainc.com

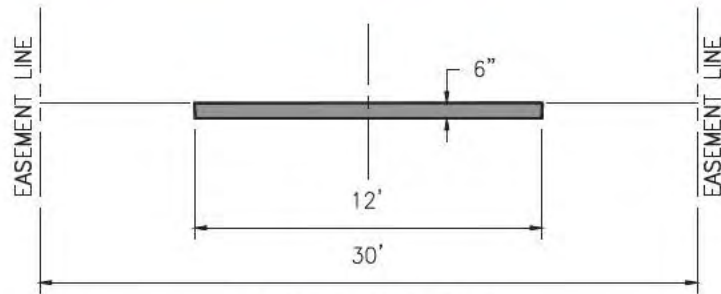
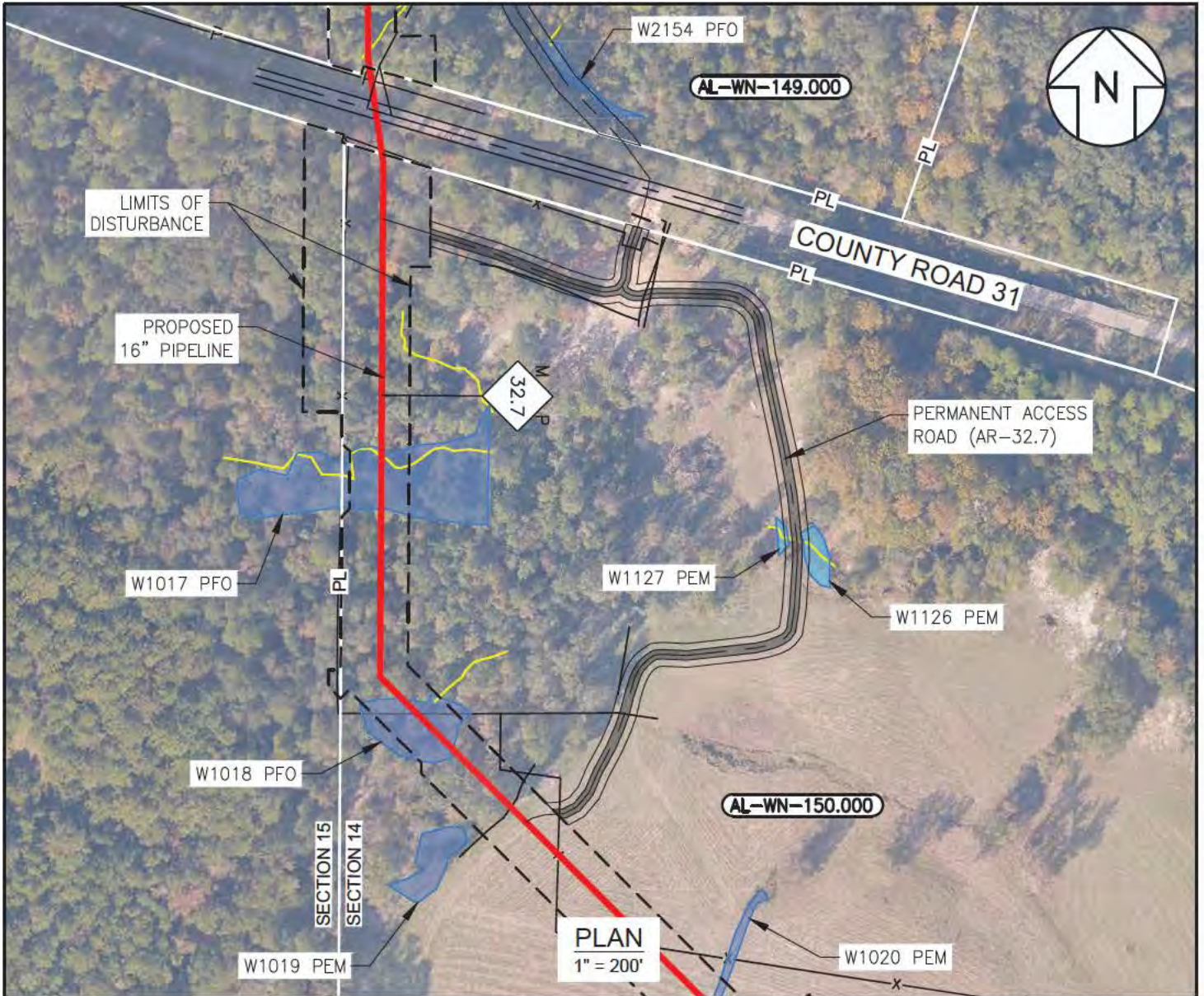
PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
ALIGNMENT SHEET
WASHINGTON COUNTY, ALABAMA

SCALE: AS SHOWN
DRAWING NUMBER: 4719-A-1051

PERMANENT IMPACTS

WASHINGTON COUNTY, ALABAMA

T-8-N - R-1-W



NOTE:
ACCESS ROAD WITHIN WETLAND: 0.01 ACRES

FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

HGA HUNT, GUILLOT & ASSOCIATES, LLC
ONE METROPLEX DRIVE, SUITE 100
BIRMINGHAM, AL 35208
PHONE: 205-610-4877
FAX: 205-610-4882

DRAWN BY	HGA	09/16/20
DESIGNED BY	HGA	09/16/20
CHECKED BY	MEH	09/16/20
APPROVED BY	MAL	09/16/20
HGA JOB NO.	8.A19015	
PLOT SCALE	1:1	
MODEL ID		



**PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
PERMANENT ACCESS ROAD
WASHINGTON COUNTY, ALABAMA**

REV	DESCRIPTION	CHK	DATE	APP	DATE
A	ISSUED FOR PERMIT	RJB	09/18/20	MAL	09/18/20

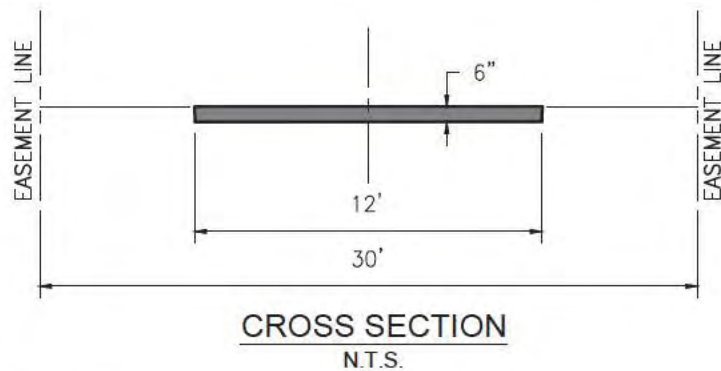
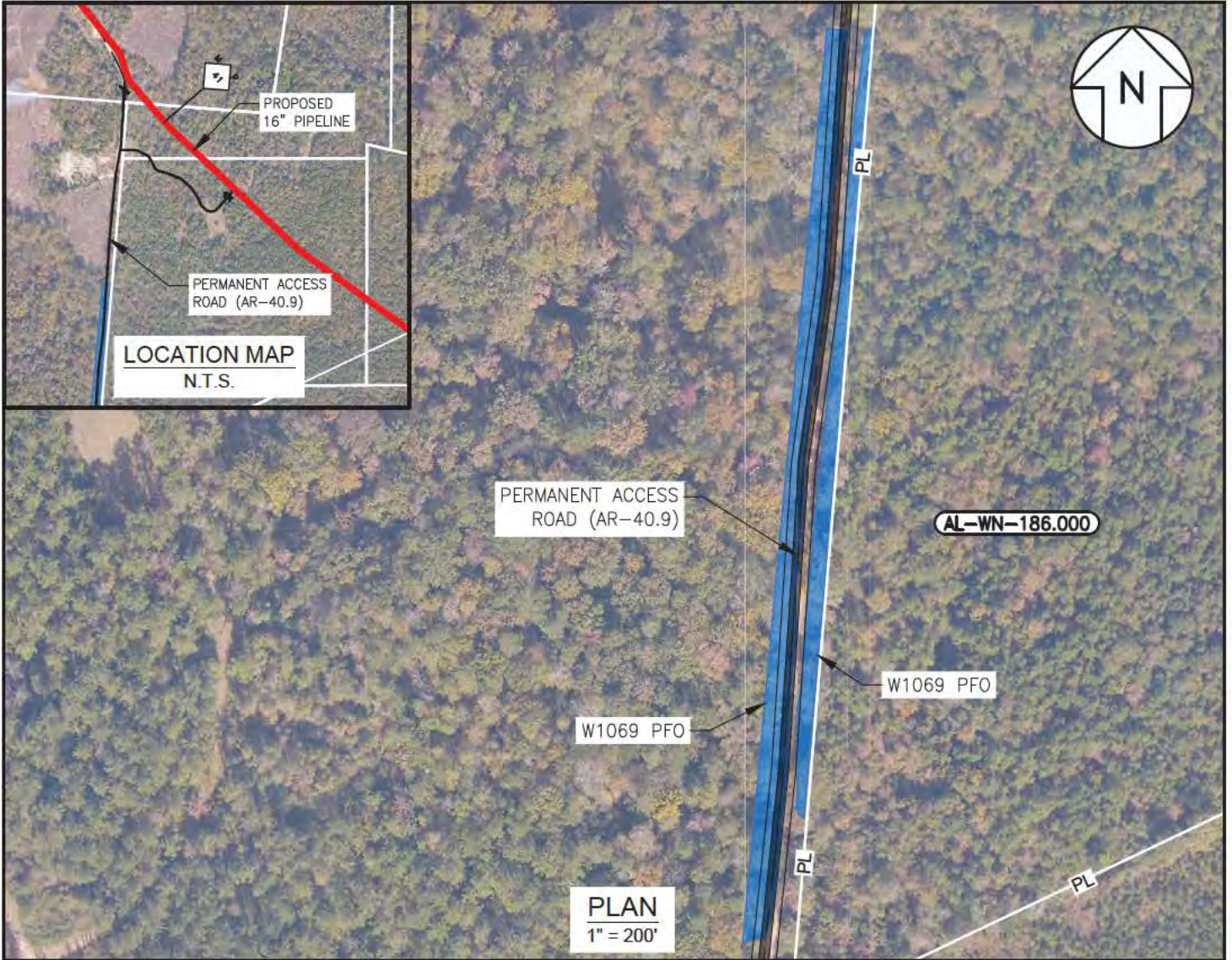
SCALE	DRAWING NUMBER	REV
1"=200'	4719-X-AL-WN-AR-32.7	A

9/17/2020 9:09 AM
BENZ, ROGER

PERMANENT IMPACTS

WASHINGTON COUNTY, ALABAMA

T-7-N - R-1-W



NOTE:
ACCESS ROAD WITHIN WETLAND: 0.35 ACRES

FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

HGA HUNT, GULLOT & ASSOCIATES, LLC
ONE METROPLEX DRIVE, SUITE 100
BIRMINGHAM, AL 35208
PHONE: 205-670-4877
FAX: 205-670-4882

						DRAWN BY	HGA	09/18/20
						DESIGNED BY	HGA	09/18/20
						CHECKED BY	MEH	09/18/20
						APPROVED BY	MAL	09/18/20
						HGA JOB NO.	8.A19015	
						PLOT SCALE	1:1	
A	ISSUED FOR PERMIT	RJB	09/18/20	MAL	09/18/20	MODEL ID		
REV	DESCRIPTION	CHK	DATE	APP	DATE			



**PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
PERMANENT ACCESS ROAD
WASHINGTON COUNTY, ALABAMA**

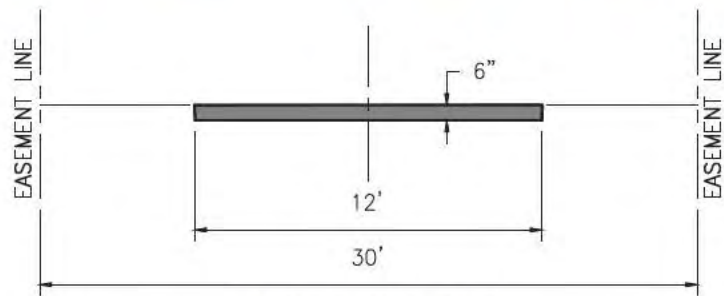
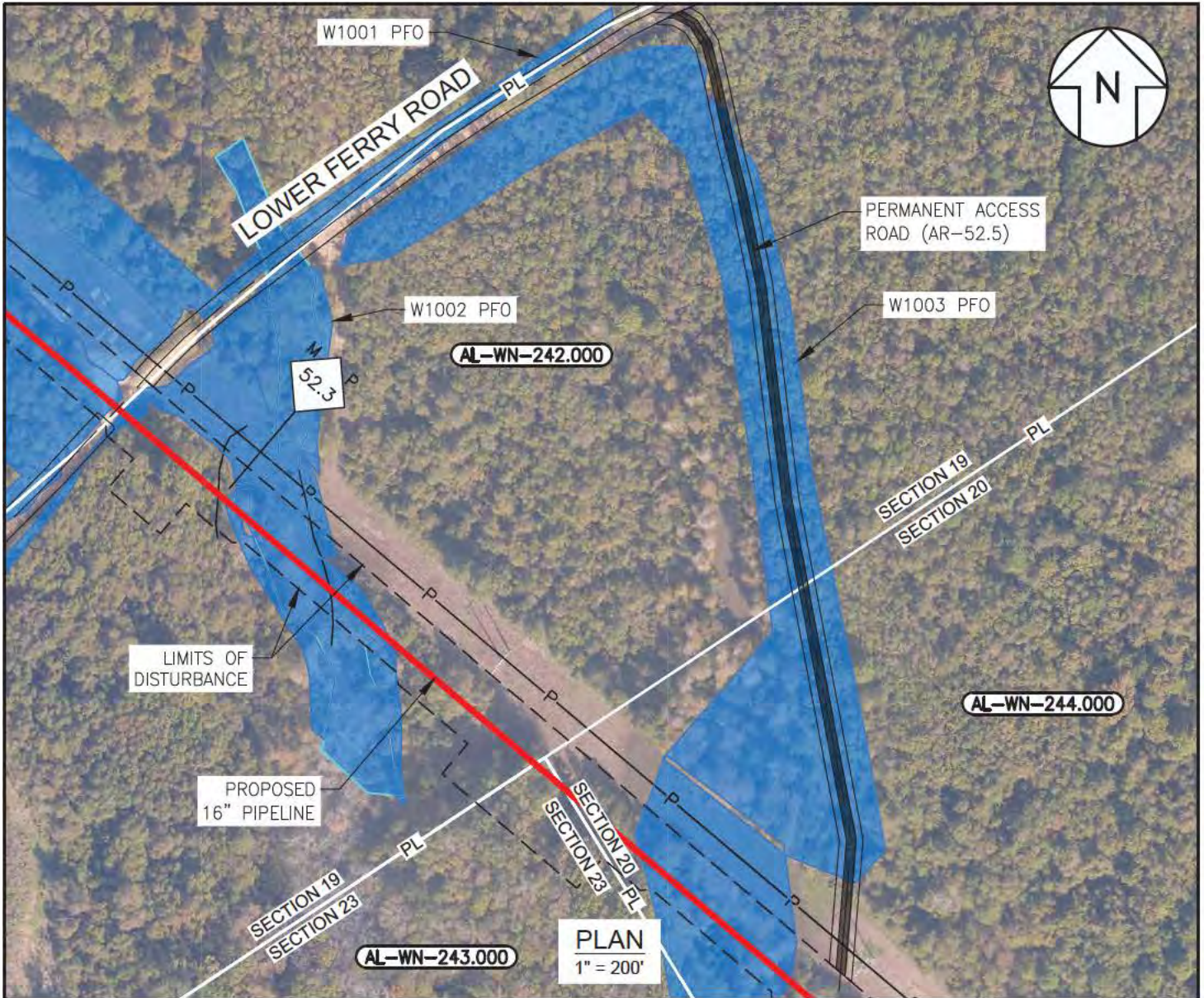
SCALE 1"=200'	DRAWING NUMBER 4719-X-AL-WN-AR-40.9	REV A
------------------	--	----------

9/17/2020 9:07 AM
BENZ, ROGER

PERMANENT IMPACTS

WASHINGTON COUNTY, ALABAMA

T-6-N - R-1-E



NOTE:
ACCESS ROAD WITHIN WETLAND: 0.70 ACRES

FOR PERMIT
DATE: 09/18/2020
- NOT FOR CONSTRUCTION -

HGA HUNT, GUILLOT & ASSOCIATES, LLC
ONE METROPLEX DRIVE, SUITE 100
BIRMINGHAM, AL 35208
PHONE: 205-610-4077
FAX: 205-610-4042

DRAWN BY	HGA	09/16/20
DESIGNED BY	HGA	09/16/20
CHECKED BY	MEH	09/16/20
APPROVED BY	MAL	09/16/20
HGA JOB NO.	8.A19015	
PLOT SCALE	1:1	
MODEL ID		



**PROPOSED 16" PIPELINE
LOWMAN PIPELINE PROJECT
PERMANENT ACCESS ROAD
WASHINGTON COUNTY, ALABAMA**

REV	DESCRIPTION	CHK	DATE	APP	DATE
A	ISSUED FOR PERMIT	RJB	09/18/20	MAL	09/18/20

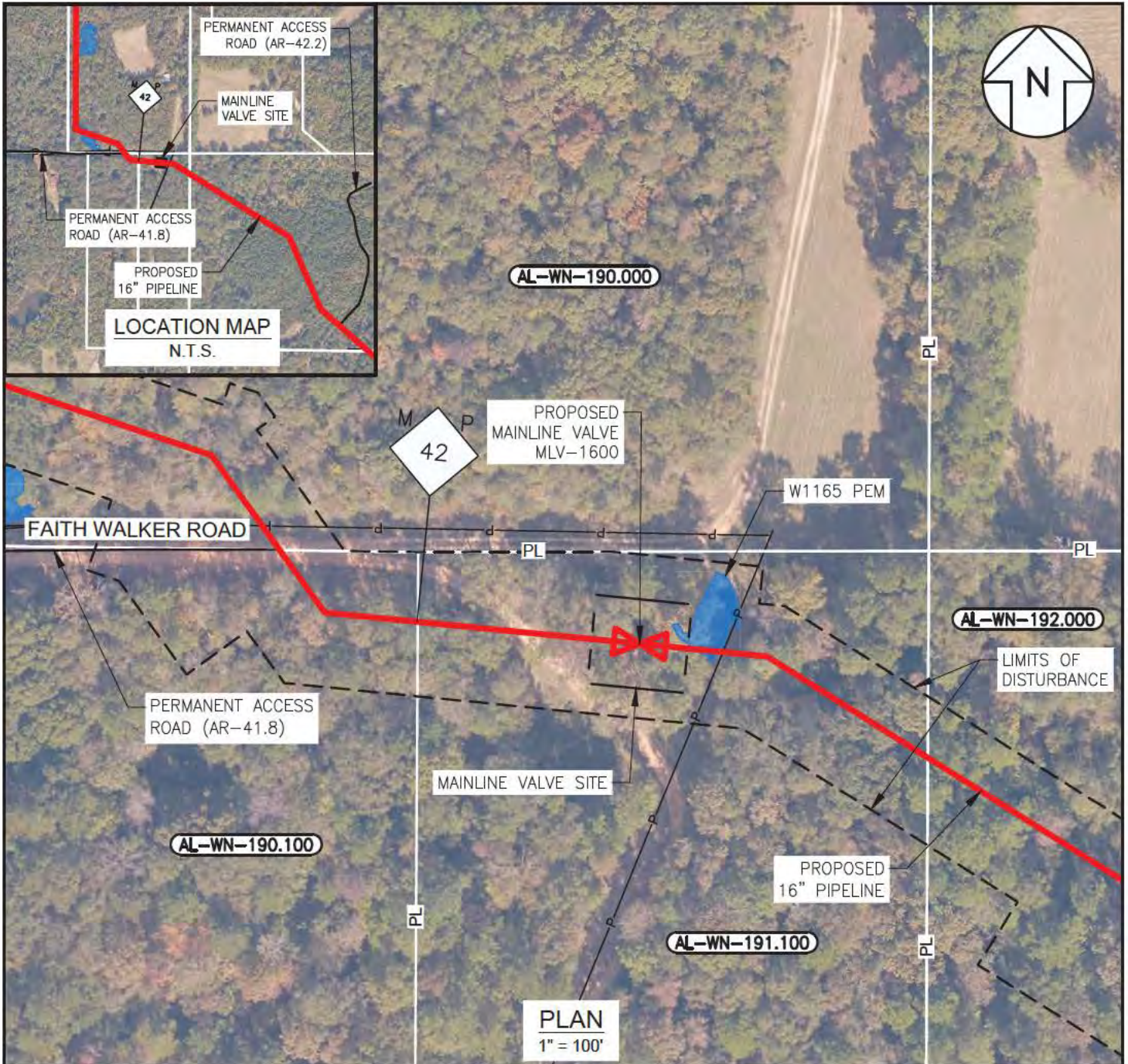
SCALE	DRAWING NUMBER	REV
1"=200'	4719-X-AL-WN-AR-52.5	A

9/17/2020 8:11 AM
BENZ, ROGER

PERMANENT IMPACTS

WASHINGTON COUNTY, ALABAMA

T-7-N - R-1-W



**FOR REVIEW
AND COMMENT**

DATE: 09/23/2020

- NOT FOR CONSTRUCTION -

NOTE:
MAINLINE VALVE SITE WITHIN WETLAND: 0.01 ACRES

HGA HUNT, GUILLOT & ASSOCIATES, LLC
ONE METROPLEX DRIVE, SUITE 100
BIRMINGHAM, AL 35208
PHONE: 205-610-4877
FAX: 205-610-4882

						DRAWN BY	HGA	09/16/20
						DESIGNED BY	HGA	09/16/20
						CHECKED BY	MEH	09/16/20
						APPROVED BY	MAL	09/16/20
						HGA JOB NO.	8.A19015	
						PLOT SCALE	1:1	
A	ISSUED FOR REVIEW	RJB	09/23/20	MAL	09/23/20	MODEL ID		
REV	DESCRIPTION	CHK	DATE	APP	DATE			



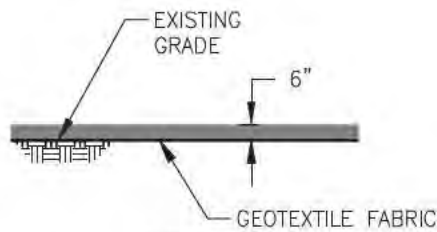
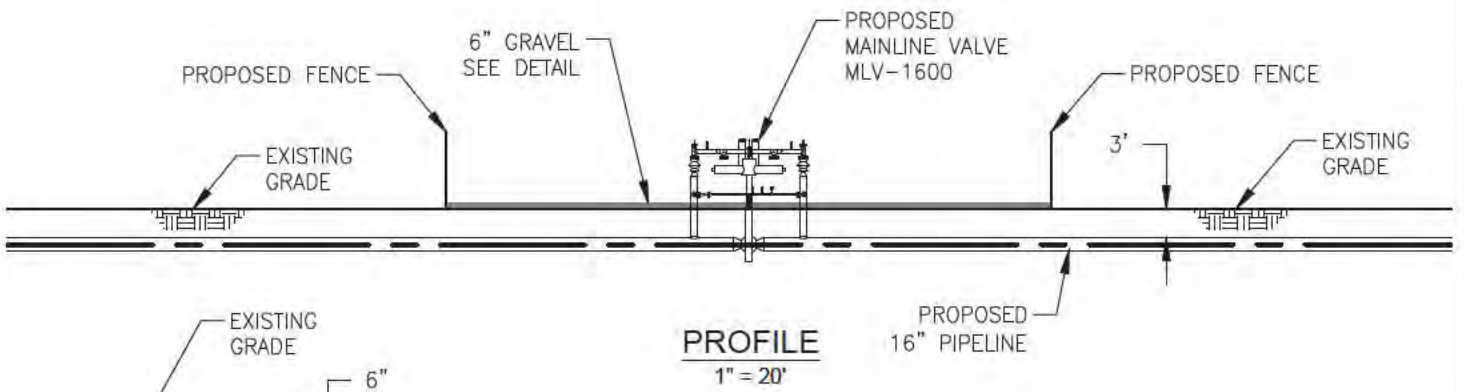
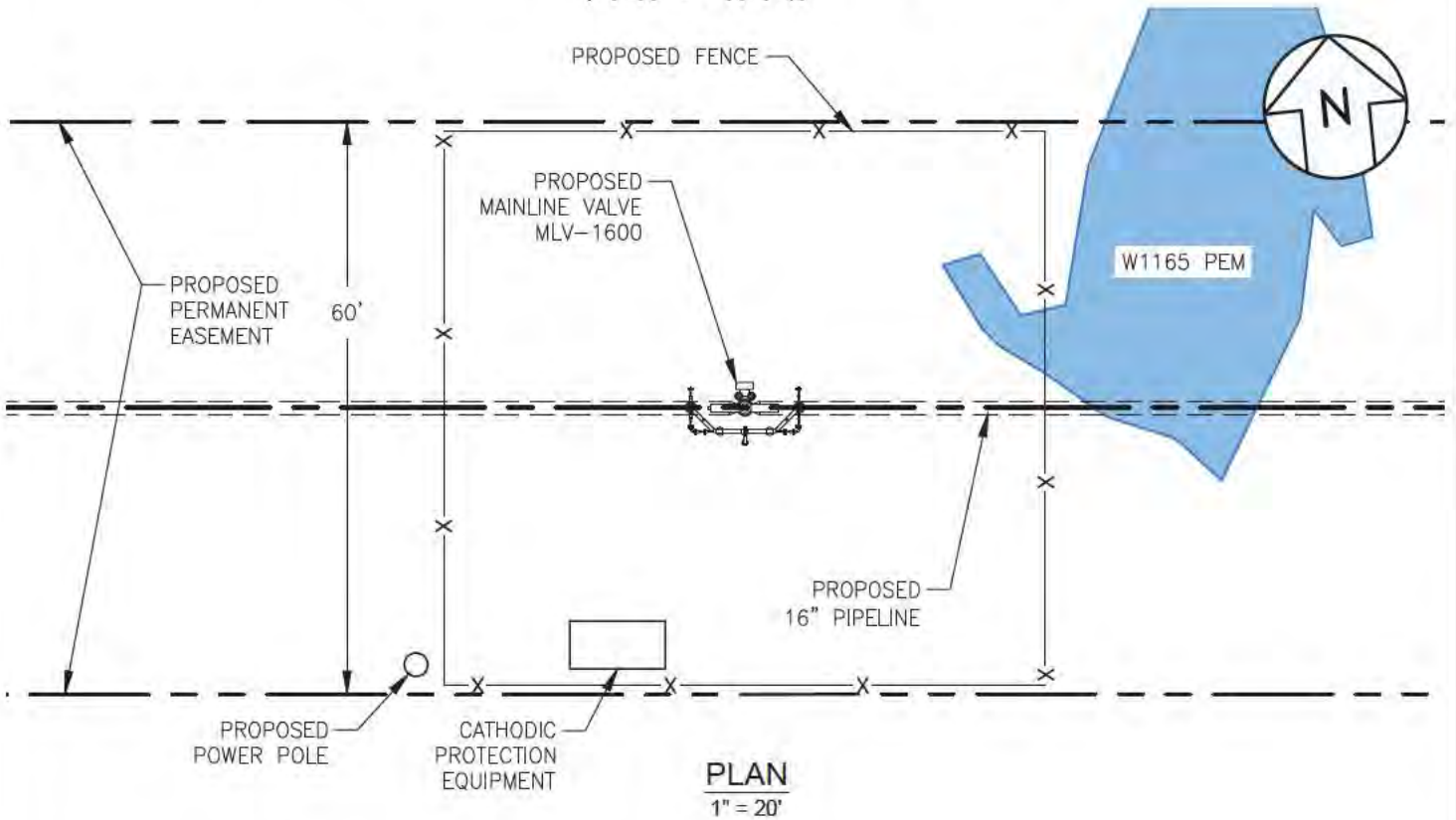
NEXTERA ENERGY
LOWMAN PIPELINE PROJECT
MAINLINE VALVE MLV-1600
WASHINGTON COUNTY, ALABAMA

SCALE	DRAWING NUMBER	REV
1"=100'	4719-X-AL-WN-MLV-1600	A

PERMANENT IMPACTS

WASHINGTON COUNTY, ALABAMA

T-7-N - R-1-W



**FOR REVIEW
AND COMMENT**

DATE: 09/23/2020

- NOT FOR CONSTRUCTION -

NOTE:
MAINLINE VALVE SITE WITHIN WETLAND: 0.01 ACRES

HGA HUNT, GUILLOT & ASSOCIATES, LLC
ONE METROPLEX DRIVE, SUITE 100
BIRMINGHAM, AL 35208
PHONE: 205-610-0077
FAX: 205-610-0078

						DRAWN BY	HGA	09/18/20
						DESIGNED BY	HGA	09/18/20
						CHECKED BY	MEH	09/18/20
						APPROVED BY	MAL	09/18/20
						HGA JOB NO.	8.A16015	
						PLOT SCALE	1:1	
						MODEL ID		
A	ISSUED FOR REVIEW	RJB	09/23/20	MAL	09/23/20			
REV	DESCRIPTION	CHK	DATE	APP	DATE			



NEXTERA ENERGY
LOWMAN PIPELINE PROJECT
MAINLINE VALVE MLV-1600
WASHINGTON COUNTY, ALABAMA

SCALE	DRAWING NUMBER	REV
AS NOTED	4719-X-AL-WN-MLV-1600	A