



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-2018-01227-DCH

June 8, 2020

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

REQUEST TO DISCHARGE FILL MATERIAL IN WATERS OF THE UNITED STATES TO
CONSTRUCT FOUR (4) MILES OF NEW NATURAL GAS PIPELINE IN CODEN, MOBILE
COUNTY, 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). Please communicate this information to interested parties.

APPLICANT: Gulfstream Natural Gas System, LLC
Attention: Mr. Chad Burrows
2800 Post Oak Boulevard, Level 11
Houston, Texas 77056

LOCATION: Wetlands and Unnamed Tributaries to Bayou Sullivan, Bayou Jonas, and Bayou Como; 6301 Rock Road; within Sections 5 and 6, Township 8 South, Range 2 West, and Sections 32 and 33, Township 7 South, Range 2 West; beginning coordinates 30.393697, -88.189783; ending coordinates 30.375789, -88.239142; Coden, Mobile County, Alabama

PROJECT PURPOSE: The basic project purpose is to increase capacity of an existing natural gas pipeline network. The overall project purpose is to construct a thicker wall natural gas pipeline to replace an existing segment of pipeline, in order to create an additional mainline capacity from existing points of receipt in Mississippi and Alabama to serve an existing power generating station in Florida.

PROPOSED WORK: The applicant plans to construct four (4) miles of new 36-inch diameter natural gas pipeline onshore in Mobile County, Alabama adjacent to the existing Line 60/200 pipeline in order to create additional mainline capacity from existing points of receipt in Mississippi and Alabama to serve an existing power generating station, the Big Bend Power Station, in Hillsborough County Florida. An approximately four (4) mile segment of the existing Line 60/200 will be abandoned in place. The proposed work would result in the following impacts to waters of the United States: 1) Temporary clearing and discharge of fill material into 17.99 acres of non-tidal wetlands and 2,587.2 linear feet of intermittent and ephemeral streams for equipment staging, access roads, construction matting, and temporary side-casting of excavated material; 2) Permanent conversion of 4.3 acres of non-tidal forested wetlands to herbaceous wetlands for maintenance of a 50-foot-wide permanent right-of-way; and, 3) Permanent discharge of fill material into 0.04 acres of non-tidal herbaceous wetlands for construction of one (1) new mainline valve at MP 4.0. Open cut and horizontal directional

drill methods will be utilized to install the pipeline. Please refer to Tables 1 and 2 in the attached plans for a detailed list of waterbody impacts.

AVOIDANCE AND MINIMIZATION: The applicant has aligned the proposed new pipeline adjacent to the existing Line 60/200 pipeline, which has reduced permanent wetland conversion impacts by approximately 50 percent by utilizing a portion of the permanently cleared ROW for the existing pipeline corridor. In areas where the pipeline would be installed using an open cut method, the applicant would replace the top 12 inches of topsoil removed from the temporary trench upon completion of the pipeline segment. Temporary construction matting would be utilized in wetlands and waterbodies to prevent rutting and compaction of the substrate. The applicant has proposed to restore disturbed areas to pre-construction contours, re-vegetate cleared/disturbed areas, reduce the extent and duration of disturbances, and require minimal delays between disturbance and restoration of work areas. 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 has proposed to compensate for unavoidable impacts to wetlands through the purchase of wetland mitigation credits from a USACE approved mitigation bank. Compensatory mitigation required to off-set the permanent conversion of 4.3 acres of non-tidal pine-forested wetlands to herbaceous wetlands and the permanent discharge of fill material into 0.04 acres of non-tidal herbaceous wetlands would be provided through the purchase of 4.42 wet pine flats wetland mitigation credits from an approved wetland mitigation bank within whose service area the project is located. The required number of wetland mitigation credits is based on a compensatory mitigation ratio of 1:1 for permanent conversion of forested wetlands to emergent/herbaceous wetlands within the pipeline right-of-way, and a compensatory mitigation ratio of 1:3 for permanent discharge of fill material in low-quality herbaceous wetlands for construction of one (1) new mainline valve at MP 4.0.

LEAD FEDERAL AGENCY: The Federal Energy Regulatory Commission (FERC) is the lead federal agency for the coordination and conduct of environmental reviews under the National Environmental Policy Act (NEPA) for the subject proposal (FERC Docket No. CP19-475-000). The U.S. Army Corps of Engineers (USACE) is considering adopting the NEPA documentation prepared by FERC; however, the USACE remains responsible for ensuring compliance with all other applicable regulations that implement its regulatory program, including but not limited to Section 404 of the Clean Water Act.

WATER QUALITY/COASTAL ZONE MANAGEMENT: The applicant has applied for certification from the State of Alabama in accordance with Section 401(a)(1) of the Clean Water Act and for Coastal Zone Management (CZM) consistency concurrence in accordance with the Alabama Coastal Area Management Program. Upon completion of the required advertising and public comment review, a determination relative to water quality certification and CZM consistency will be made by the Alabama Department of Environmental Management (ADEM).

HISTORIC PROPERTIES: In accordance with Section 106 of the National Historic Preservation Act of 1966 and Appendix C of 33 CFR 325, the undertaking defined in this notice has been considered for the potential to affect cultural and historic properties within the permit area. Pursuant to Section 106 of the National Historic Preservation Act, FERC has reviewed

the proposed undertakings on properties listed in or eligible for listing in the National Register of Historic Places and consulted with the State Historic Preservation Officer (SHPO) regarding its findings (AHC File 19-0431). The SHPO provided its concurrence with FERC's findings on October 16, 2019. In addition, FERC coordinated its findings with federally-recognized American Indian tribes with historic interest in the project area and received no objections regarding the proposed undertaking. Copies of this notice are being sent to the SHPO and federally-recognized tribes for review and comment.

ENDANGERED SPECIES: In accordance with Section 7(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.), the proposed work defined in this notice has been considered for the potential to affect federally-listed threatened and endangered species and designated critical habitat, within the action area. Pursuant to Section 7 of the Endangered Species Act, FERC has consulted with the U.S. Fish and Wildlife Service (USFWS) regarding its findings (USFWS File 2019-CPA-0049). The USFWS provided its concurrence with FERC's proposed avoidance measures on November 14, 2019. Copies of this notice are being sent to the USFWS for review and comment.

COMMENTS: 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. The Mobile District is soliciting comments from the public, federal, state and local agencies and officials, Indian tribes, 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 below. 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. 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, historic properties, 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 and fiber production, and in general, the needs and welfare of the people. Evaluation of the probable impacts involving deposits of dredged or fill material into waters of the United States will also include the application of guidelines established by the Administrator of the U.S. Environmental Protection Agency.

Correspondence concerning this notice should refer to Public Notice Number **SAM-2018-01227-DCH**, and should be directed to the USACE project manager, Mr. Dylan C. Hendrix, by e-mail at dylan.c.hendrix@usace.army.mil, or (251) 694-3772, or by mail at USACE, Mobile District, Regulatory Division, Attention: Mr. Dylan C. Hendrix, Post Office Box 2288, Mobile, Alabama 36628-0001. Copies of all comments should be furnished to the ADEM 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. Please refer to the above Public Notice Number SAM-2018-01227-DCH, 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

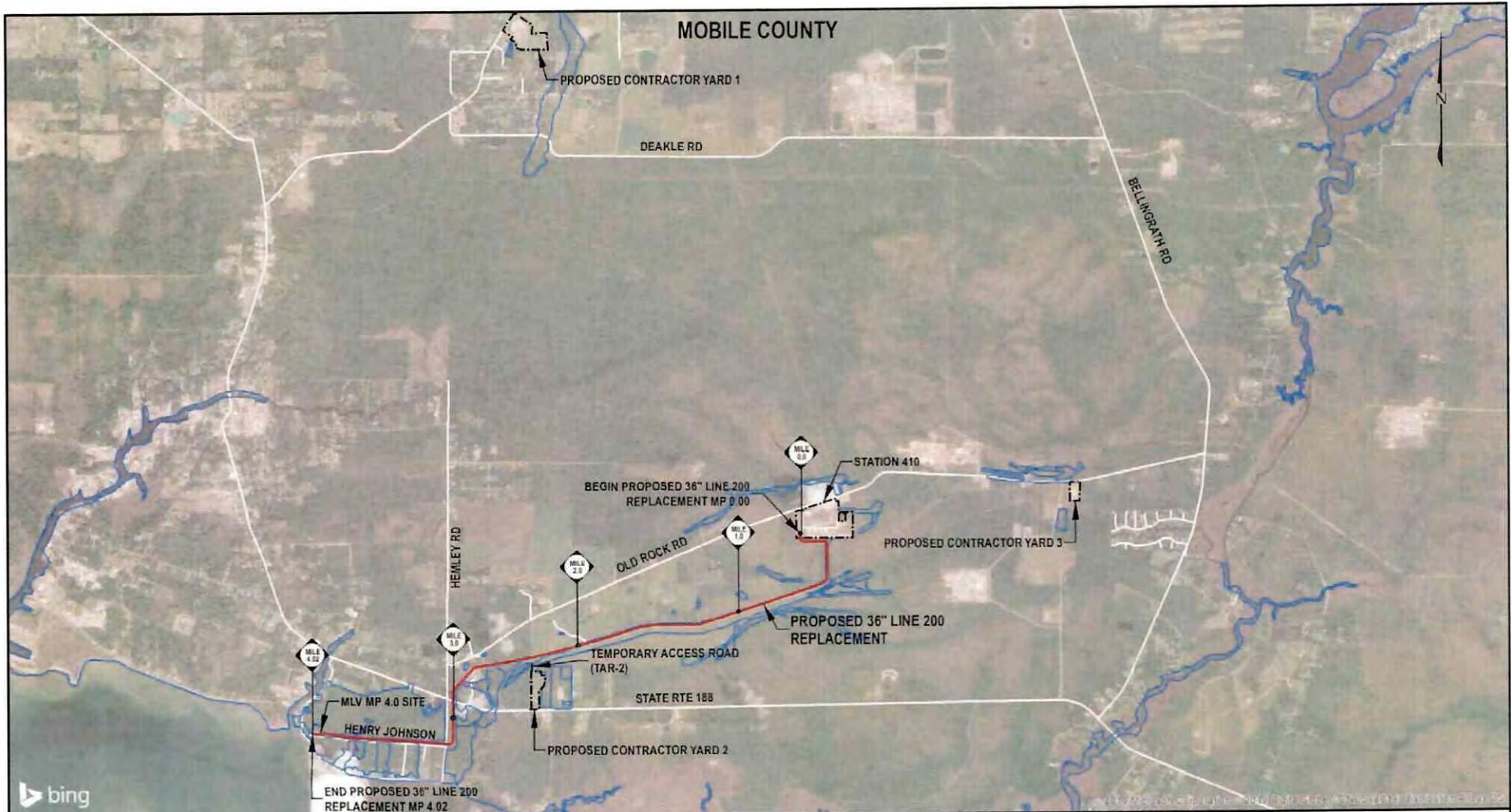
Attachments

Table 1 - Wetlands Crossed by the Gulfstream Phase VI Expansion Project

Wetland ID	Cowardin Classification ^a	HGM Classification	Wetland/Waterbody Crossing ID	Milepost	County	Approximate Centerline Crossing Length (feet)	Temporary Impact (acres)	Permanent Conversion (acres)	Permanent Fill (acres)	Total Impact (acres)	Mitigation Ratio ^b	Mitigation Required (acres)
Pipeline												
WMB002H	PFO	Wet Pine Flats (Mineral Soil Flats)	Crossing A	0.0	Mobile	481.11	3.97	0.68	0.00	4.65	1:1	0.68
WMB002N	PEM	Wet Pine Flats (Mineral Soil Flats)		0.1	Mobile	743.95	1.57	0.00	0.00	1.57	--	0.00
WMB002G	PEM	Wet Pine Flats (Mineral Soil Flats)		0.2	Mobile	149.04	0.30	0.00	0.00	0.30	--	0.00
WMB002C	PFO	Wet Pine Flats (Mineral Soil Flats)		0.3	Mobile	251.01	0.78	0.79	0.00	1.57	1:1	0.79
WMB002F	PEM	Wet Pine Flats (Mineral Soil Flats)		0.3	Mobile	--	0.05	0.00	0.00	0.05	--	0.00
WMB002A	PEM	Wet Pine Flats (Mineral Soil Flats)		0.4	Mobile	297.25	0.40	0.00	0.00	0.40	--	0.00
WMB004	PEM	Depressional	Crossing B	0.8	Mobile	12.54	0.03	0.00	0.00	0.03	--	0.00
WMB003	PEM	Depressional	Crossing C	1.9	Mobile	--	0.02	0.00	0.00	0.02	--	0.00
WMB005A	PEM	Wet Pine Flats (Mineral Soil Flats)	Crossing F	2.5	Mobile	--	0.00	0.00	0.00	0.00	--	0.00
WMB006A	PEM	Wet Pine Flats (Mineral Soil Flats)	Crossing G	2.7	Mobile	13.87	0.01	0.00	0.00	0.01	--	0.00
WMB006B	PFO	Wet Pine Flats (Mineral Soil Flats)		2.7	Mobile	--	0.01	0.01	0.00	0.02	1:1	0.01
WMB008A	PEM	Wet Pine Flats (Mineral Soil Flats)	Crossing H	2.8	Mobile	--	0.01	0.00	0.00	0.01	--	0.00
WMB008B	PFO	Wet Pine Flats (Mineral Soil Flats)		2.8	Mobile	--	0.04	0.02	0.00	0.06	1:1	0.02
WMB014	PFO	Depressional	Crossing J	2.9	Mobile	--	0.05	0.00	0.00	0.05	--	0.00
WMB010	PFO	Depressional	Crossing K	3.1	Mobile	--	0.08	0.03	0.00	0.11	1:1	0.03
WMB013A ^c	PEM	Wet Pine Flats (Mineral Soil Flats)	Crossing M	3.9	Mobile	1,036.98	3.22	0.00	0.04	3.26	1:3	0.12
WMB013B	PFO	Wet Pine Flats (Mineral Soil Flats)		3.9	Mobile	3,273.65	7.44	2.77	0.00	10.21	1:1	2.77
Compressor Station 410												
WMB001 ^d	PEM	Depressional	--	--	Mobile	--	0.00	0.00	0.00	0.00	--	0.00
Compressor Station 420												
--	--	--	--	--	--	--	--	--	--	--	--	--
Total							17.99	4.30	0.04	22.33		4.42
							PEM	5.62	0.00	0.04	5.66	--
							PSS	--	--	--	--	--
							PFO	12.37	4.30	0.00	16.67	--
<p>a - Designations for each type of wetland follow the classifications developed by the USFWS after Cowardin et al. (1979).</p> <p>b – Mitigation 1:1 required for permanent conversion from PFO to PEM. Mitigation 1:3 required for permanent fill in low quality PEM wetlands.</p> <p>c - Includes 0.04 acres of permanent wetland fill (wetland loss) where wetland is located within the extended fence line area for the new mainline valve at MP 4.0.</p> <p>d - Wetland located within Compressor Station 410, but will not be impacted during construction.</p>												

Table 2 - Waterbodies Crossed by the Gulfstream Phase VI Expansion Project

Waterbody ID	Waterbody Name	Wetland/Waterbody Crossing ID	Impact Type	Milepost	Flow Regime	Waterbody Width (feet) ^a	Impact (linear feet)	Impact (square feet)	Crossing Method ^b
Pipeline									
SMB004	Tributary to Bayou Sullivan	Crossing D	Temporary	1.9	Intermittent	4.5	152.2	314.1	Open Cut
SMB005	Bayou Como	Crossing E	Temporary	2.1	Intermittent	13.0	150.7	5,438.1	Open Cut
SMB006	Tributary to Bayou Como	Crossing G	Temporary	2.6	Ephemeral	--	667.0	330.1	Open Cut
SMB007	Tributary to Bayou Como	Crossing H	Temporary	2.8	Intermittent	2.5	8.6	21.4	Open Cut
SMB008	Tributary to Bayou Como	Crossing I	Temporary	2.9	Ephemeral	1.5	157.8	126.2	Bore
SMB013	Tributary to Bayou Como	Crossing J	Temporary	2.9	Ephemeral	0.3	47.7	14.3	Bore
SMB009	Tributary to Bayou Como	Crossing K	Temporary	3.0	Intermittent	2.5	583.6	1,465.6	Open Cut
SMB010	Tributary to Bayou Como		Temporary	3.0	Intermittent	2.5	9.1	22.2	Open Cut
SMB011	Tributary to Bayou Como	Crossing L	Temporary	3.2	Ephemeral	3.0	102.7	313.4	Open Cut
SMB014	Tributary to Bayou Como	Crossing M	Temporary	3.2	Ephemeral	0.2	98.5	19.7	Open Cut
Contractor Yards / Staging Areas									
SMB015	Tributary to Bayou Como	Crossing N	Temporary	N/A	Ephemeral	0.1	247.6	24.8	Matting / Bridge ^c
SMB016	Tributary to Bayou Jonas	Crossing O	Temporary	N/A	Ephemeral	0.1	329.1	32.9	Matting / Bridge ^c
SMB017	Tributary to Carls Creek	Crossing P	Temporary	N/A	Ephemeral	0.4	19.6	7.8	Matting / Bridge ^c
Access Roads									
SMB005	Bayou Como	Crossing Q	Temporary	N/A	Intermittent	13.0	13.0	169.0	Existing Culvert
Compressor Station 410									
SMB012	Tributary to Bayou Jonas	Crossing A	Temporary	--	Ephemeral	3.0	0.0	0.0	Existing Culvert
Compressor Station 420									
--	--	--	--	--	--	--	--	--	--
						Ephemeral	1,670.0	869.3	
						Intermittent	917.2	7,430.4	
						Perennial	--	--	
						Total	2,587.2	8,299.6	
<p>a - Calculated based on the surveyed top-of-bank to top-of-bank waterbody width using Ordinary High Water as reference.</p> <p>b - Dam and pump crossings will be performed in those waterbodies with perceivable flow conditions at the time of construction.</p> <p>c - Temporary matting or installation of temporary equipment bridges will be constructed across the ephemeral waterbodies prior to use of the site to facilitate safe travel of construction equipment across the waterbodies and to minimize impacts to the waterbodies in accordance with the Gulfstream Procedures (provided in Section 11). Temporary matting and equipment bridges will be removed as part of final clean-up and restoration. The required condition of the site at the lease termination would be negotiated between Gulfstream and the respective landowner and in accordance with the Gulfstream Plan (provided in Section 11).</p>									

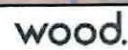


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LEGEND

- PROPOSED 36" LINE 200 REPLACEMENT
- - - ACCESS ROAD
- ▭ CONTRACTOR YARD / FACILITY
- ⊖ NWI BOUNDARY

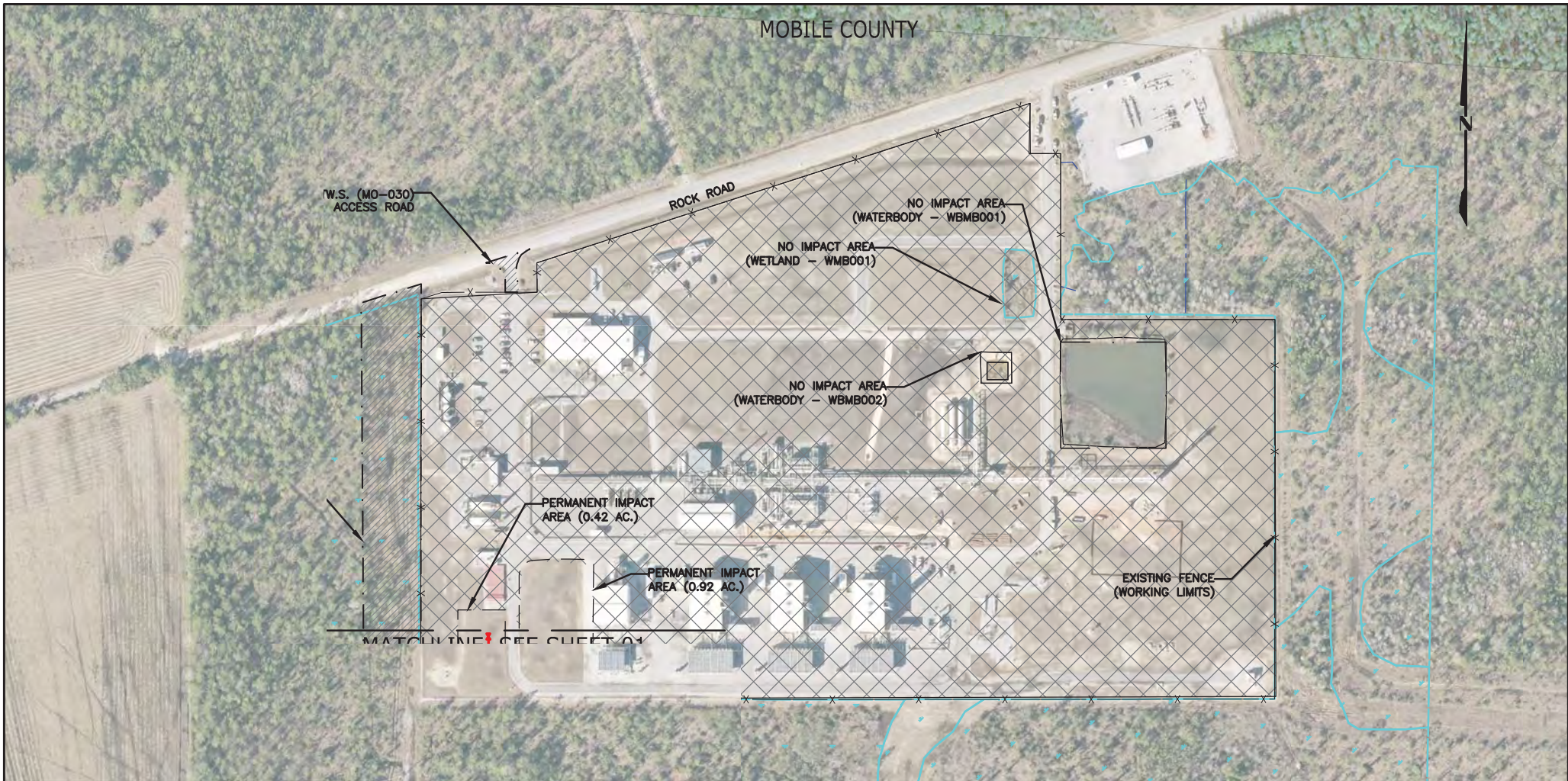
NOTES:












DRAWING NO.		REFERENCE TITLE				
NO.	DATE	BY	REVISION DESCRIPTION	WD. NO.	CHK.	APP.
A	03/28/19	SB	ISSUED FOR REVIEW	113856	EL	BRB

**GULFSTREAM NATURAL GAS SYSTEM
AERIAL MAP
PROPOSED 36" LINE 200 REPLACEMENT
GULFSTREAM PHASE VI
OVERVIEW
MOBILE COUNTY, ALABAMA**

NO.	DATE	BY	REVISION DESCRIPTION	WD. NO.	CHK.	APP.
A	03/28/19	SB	ISSUED FOR REVIEW	113856	EL	BRB
DRAWN BY		SB	DATE	03/28/19	ISSUED FOR CONSTRUCTION	
CHECKED BY		EL	DATE	03/29/19	REVISION	
APPROVED BY		BRB	DATE	03/29/19	DRAWING NUMBER	
WD.		113856	DATE	03/29/19	F-GLFSTR-A-AM-01	
					SHEET 1 OF 7	



LEGEND

-  ACCESS ROAD
-  PROPOSED 36" L200 REPLACEMENT
-  EXISTING CONTRACTOR LINE
-  PROPERTY LINE
-  TREE LINE
-  FOREIGN CONTRACTOR LINE
-  STREAM CROSSING
-  WETLAND AREA
-  ADDITIONAL TEMPORARY WORKSPACE (ATWS)



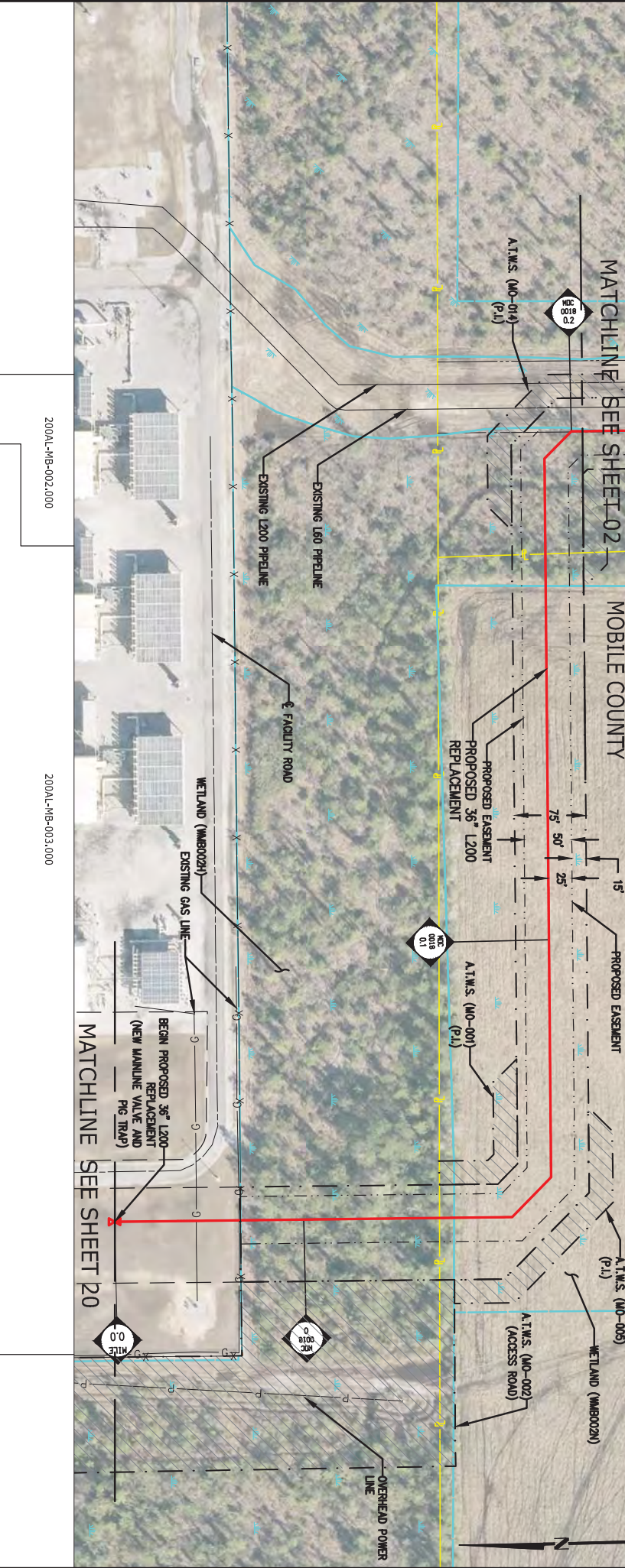
DRAWING NO.		REFERENCE TITLE			GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT STATION 410 MOBILE COUNTY, ALABAMA					
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1 = 100'
0	11/15/19	BT	ISSUED FOR USACE	1211406	W.	MJH	CHECKED BY: W	DATE: 11/06/19	ISSUED FOR CONSTRUCTION:	REVISION: 0
							APPROVED BY: MJH	DATE: 11/06/19	DRAWING NUMBER: 26-0200-35-20-A_AS	
							WD: 1211406	RID: 103	SHEET 20 OF 21	
1/16/19 PH BAO TRAN 1/15/2019 K:\MapInfo\AL\GULFSTRREPL\0005_18PRM\USACE\Map\1113856_36_GULFSTREAM_PH_VI\FERC_ALON_B41717_20.dwg										

M.P. MOC_0018 0.20
 M.P. MOC_0018 0.17 PROPERTY LINE
 M.P. MOC_0018 0.16 ENTER WETLAND
 WMB002G PEM
 M.P. MOC_0018 0.16 EXIT WETLAND
 WMB002N PEM

M.P. MOC_0018 0.10

M.P. MOC_0018 0.02 ENTER WETLAND
 WMB002N PEM
 M.P. MOC_0018 0.02 EXIT WETLAND
 WMB002H PFO

M.P. 0.02 ENTER WETLAND
 WMB002H PFO
 M.P. 0.02 EXISTING FOREIGN
 GAS UTILITY LINE
 M.P. 0.02 EXISTING FOREIGN
 GAS UTILITY LINE
 M.P. 0.00 START OF PIPE



200AL-MB-002.000

200AL-MB-003.000

LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	EXISTING PIPELINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)

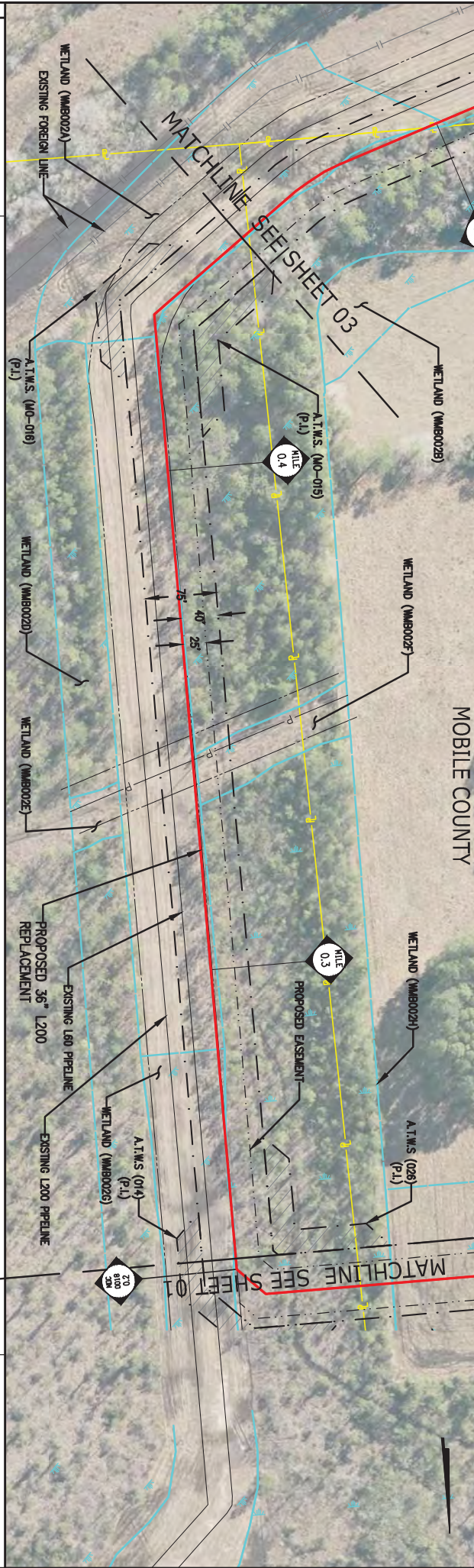
WOOD GROUP USA, INC.

SCALE IN FEET

DRAWINGS NO.		REFERENCE TITLE	
NO.	DATE	BY	REVISION DESCRIPTION
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W.C. NO.	CHK.	APP.	DRAWN BY:
1211406	WJ	MJH	WJ
APPROVED BY:	MJH	DATE:	11/06/19
W.D.:	1211406	RD:	103
ISSUED FOR CONSTRUCTION	SCALE:	1" = 100'	
DRAWING NUMBER:	26-0200-35-20-A	AS	SHEET 01 OF 21
<p>GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT M.P. 0.00 TO M.P. 0.23 MOBILE COUNTY, ALABAMA</p>			

STATIONS

- M.P. 0.43 ENTER WETLAND WMB002A PEM
EXIT WETLAND WMB002C PFO
- M.P. 0.40
- M.P. 0.40 ENTER WETLAND WMB002C PFO
- M.P. 0.34 EXISTING POWER LINE
- M.P. 0.30
- M.P. 0.28 EXIT WETLAND WMB002G PEM
- M.P. 0.26 ENTER WETLAND WMB002G PEM/
EXIT WETLAND WMB002H PFO
- M.P. 0.25 ENTER WETLAND WMB002H PFO/
EXIT WETLAND WMB002G PEM
- M.P. 0.25 ENTER WETLAND WMB002G PEM/
EXIT WETLAND WMB002H PFO



200AL-MB-002.000

OWNERSHIP

MOBILE COUNTY

LEGEND

- PROPOSED ROAD
- PROPOSED 36" L200 REPLACEMENT
- EXISTING PIPELINE
- EXISTING PIPELINE
- TUBE LINE
- FOREIGN PIPELINE
- STREAM CROSSING
- WETLAND AREA
- ADDITIONAL TEMPORARY WORKSPACE (ATWS)

WOOD GROUP USA, INC.

SCALE: 1" = 100'

100 0 100
SCALE IN FEET

DRAWINGS NO.		REFERENCE TITLE	
NO.	DATE	BY	REVISION DESCRIPTION
0	11/19/19	BT	ISSUED FOR USAGE
W.C. NO.	CHK.	APP.	DRAWN BY:
1211406	WJ	MJH	WJ
W.D.	APPROVED BY:	MJH	DATE: 11/06/19
1211406	DATE: 11/06/19	DATE: 11/06/19	DATE: 11/06/19
NO.	DATE	BY	REVISION
26-0200-35-20-A	AS		0
<p>GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT M.P. 0.23 TO M.P. 0.45 MOBILE COUNTY, ALABAMA</p>			
DRAWING NUMBER: 26-0200-35-20-A		SHEET 02 OF 21	

STATIONS

M.P. 0.70

M.P. 0.60

M.P. 0.50 EXIT WETLAND WMB002A PEM
 M.P. 0.50
 M.P. 0.50 PROPERTY LINE
 M.P. 0.50 EXIT WETLAND WMB002C PFO
 M.P. 0.50 ENTER WETLAND WMB002A PEM

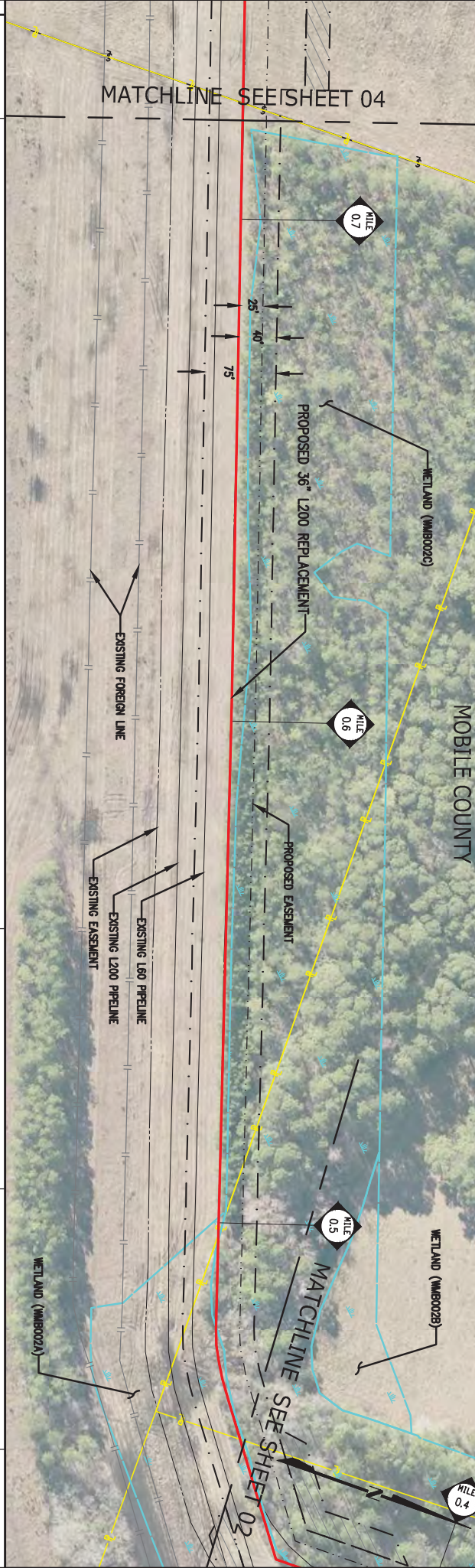
M.P. 0.48 EXIT WETLAND WMB002A PEM

M.P. 0.48 ENTER WETLAND WMB002C PFO

M.P. 0.46 PROPERTY LINE

MATCHLINE SEE SHEET 04

MOBILE COUNTY



OWNERSHIP

200AL-MB-004.000

200AL-MB-003.000

200AL-MB-002.000

LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	EXISTING L60 PIPELINE
	EXISTING L200 PIPELINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)

WOOD GROUP USA, INC.

SCALE IN FEET

0 100 100

NO.	DATE	BY	REVISION DESCRIPTION	W/O NO.	CHK.	APP.	DRWING BY	STC.	DATE	ISSUED FOR CONSTRUCTION	SCALE
0	11/15/19	BT	ISSUED FOR USAGE	1211406	WJ	MJH	CHECKED BY: MJH	DATE: 11/06/19	11/06/19	NO.	1 = 100'

DRAWING NO. 200AL-MB-003.000

REFERENCE TITLE

GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 0.45 TO M.P. 0.72
 MOBILE COUNTY, ALABAMA

SCALE: 1" = 100'

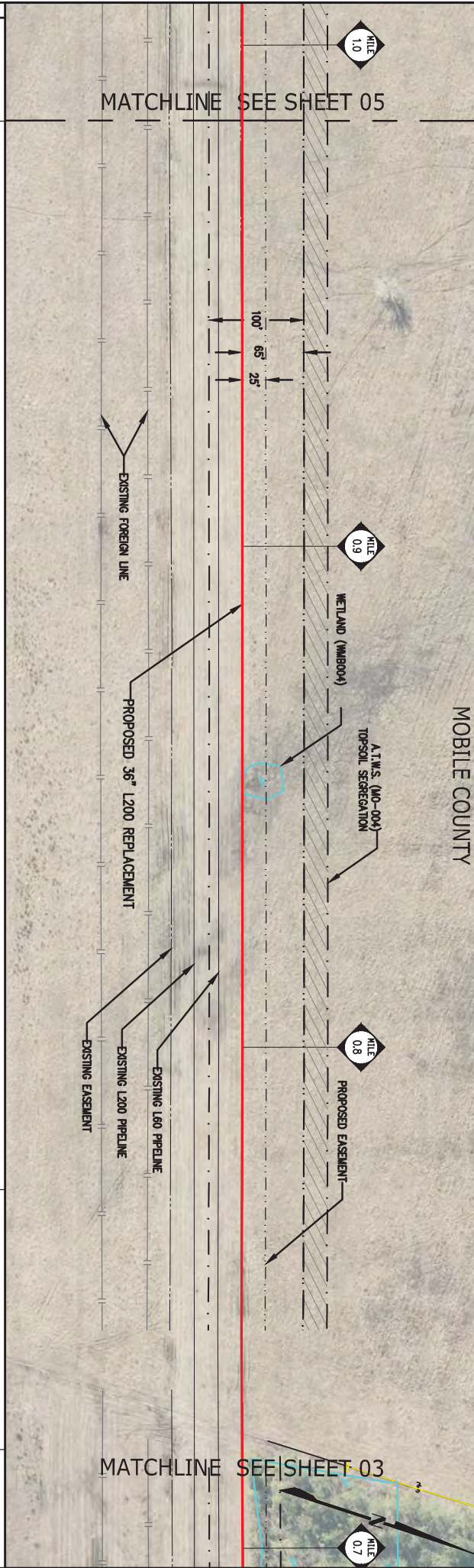
REVISION: 0

SHEET 03 OF 21

STATIONS

M.P. 0.90
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 M.P. 0.85 ENTER WETLAND WMB004 PEM
 M.P. 0.80
 M.P. 0.72 PROPERTY LINE

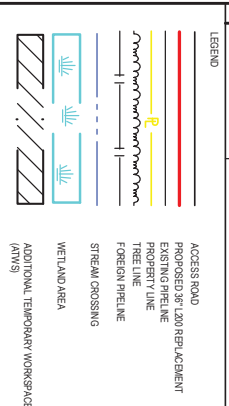
MOBILE COUNTY



OWNERSHIP

200AL-MB-005.000

200AL-MB-004.000



WOOD GROUP USA, INC.

100 0 100
SCALE IN FEET

NO.	DATE	BY	REVISION DESCRIPTION	W.C. NO.	CHK.	APP.	DRW. BY	STC.	DATE	ISSUED FOR BIDD.	SCALE
0	11/15/19	BT	ISSUED FOR USAGE	1211406	WJ	MJH	BT	WJ	11/06/19		1" = 100'

REFERENCE TITLE
 GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 0.72 TO M.P. 0.98
 MOBILE COUNTY, ALABAMA

DRAWING NUMBER 26-0200-35-20-A-AS
REVISION 0
SHEET 04
OF 21

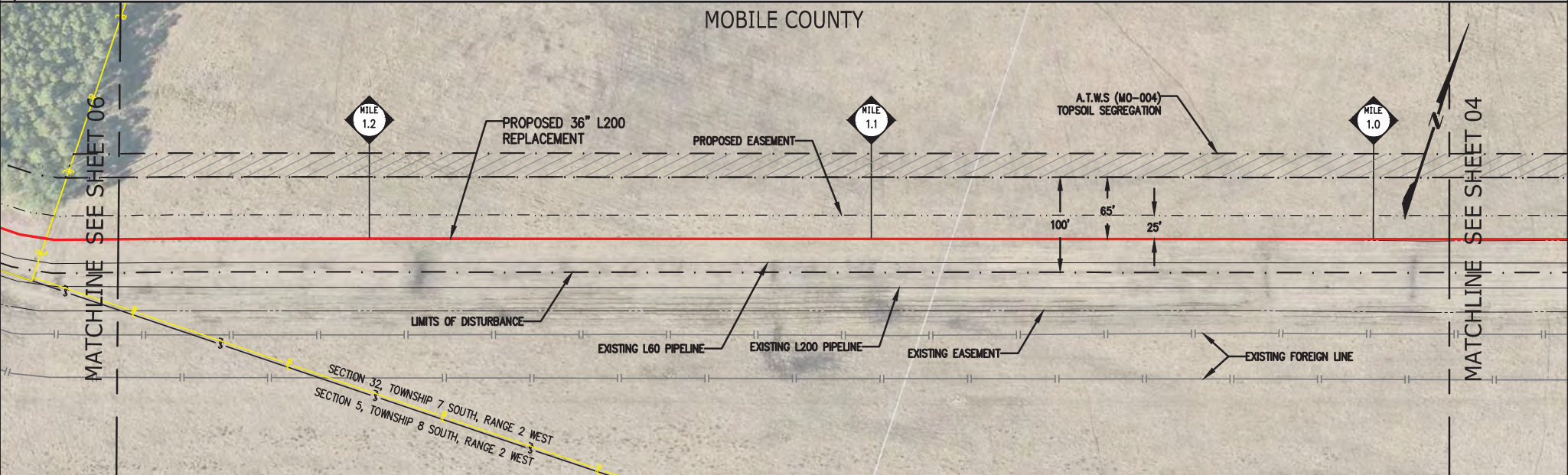
STATIONS

M.P. 1.20

M.P. 1.10

M.P. 1.00

MOBILE COUNTY



OWNERSHIP

200AL-MB-005.000

- LEGEND
- ACCESS ROAD
 - PROPOSED 36" L200 REPLACEMENT
 - EXISTING PIPELINE
 - PROPERTY LINE
 - TREE LINE
 - FOREIGN PIPELINE
 - STREAM CROSSING
 - WETLAND AREA
 - ADDITIONAL TEMPORARY WORKSPACE (ATWS)



DRAWING NO.		REFERENCE TITLE	

GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 0.98 TO M.P. 1.25
 MOBILE COUNTY, ALABAMA



NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY:	STC	DATE:	11/06/19	ISSUED FOR BID:	SCALE:	1 = 100'		
0	11/15/19	BT	ISSUED FOR USAGE	1211406	W.	MJH	CHECKED BY:	W.	DATE:	11/06/19	ISSUED FOR CONSTRUCTION:	REVISION:	0		
							APPROVED BY:	MJH	DATE:	11/06/19	DRAWING NUMBER:	26-0200-35-20-A_AS	SHEET	05	
							WD:	1211406	RID:	103	1/15/2019	8:40:28 AM	11/15/2019	OF	21

STATIONS

M.P. 1.50

M.P. 1.40

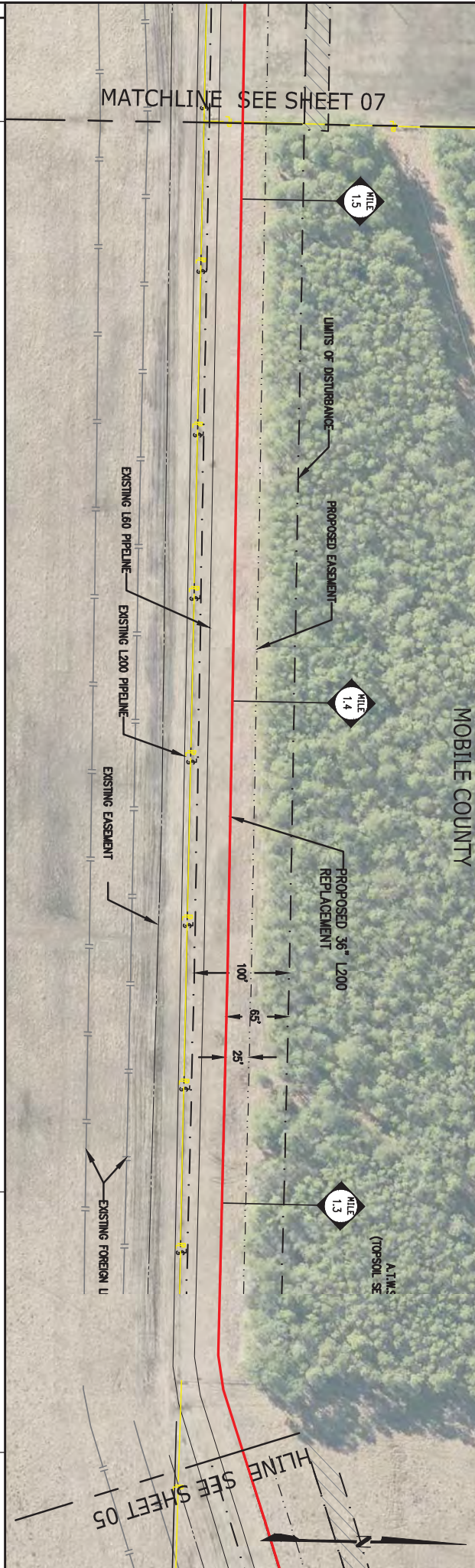
M.P. 1.30

M.P. 1.26 PROPERTY LINE

MOBILE COUNTY

MATCHLINE SEE SHEET 07

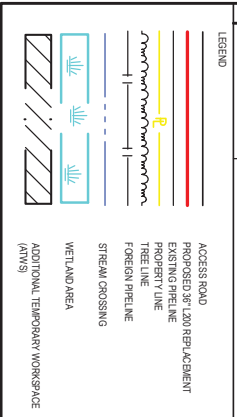
HLINE SEE SHEET 05



OWNERSHIP

200AL-NB-006,003 WS

200AL-NB-005,000



WOOD GROUP USA, INC.

SCALE IN FEET

100 0 100

NO.	DATE	BY	REVISION DESCRIPTION	W/O NO.	CHK.	APP.	DRWING BY	STC.	DATE	ISSUED FOR CONSTRUCTION	SCALE
0	11/19/19	BT	ISSUED FOR USAGE	1211406	WJ	MJH	CHECKED BY: MJH	DATE: 11/09/19	11/09/19	26-0200-35-20-A-AS	1 = 100'

GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 1.25 TO M.P. 1.52
 MOBILE COUNTY, ALABAMA

SHEET 06
 OF 21

STATIONS

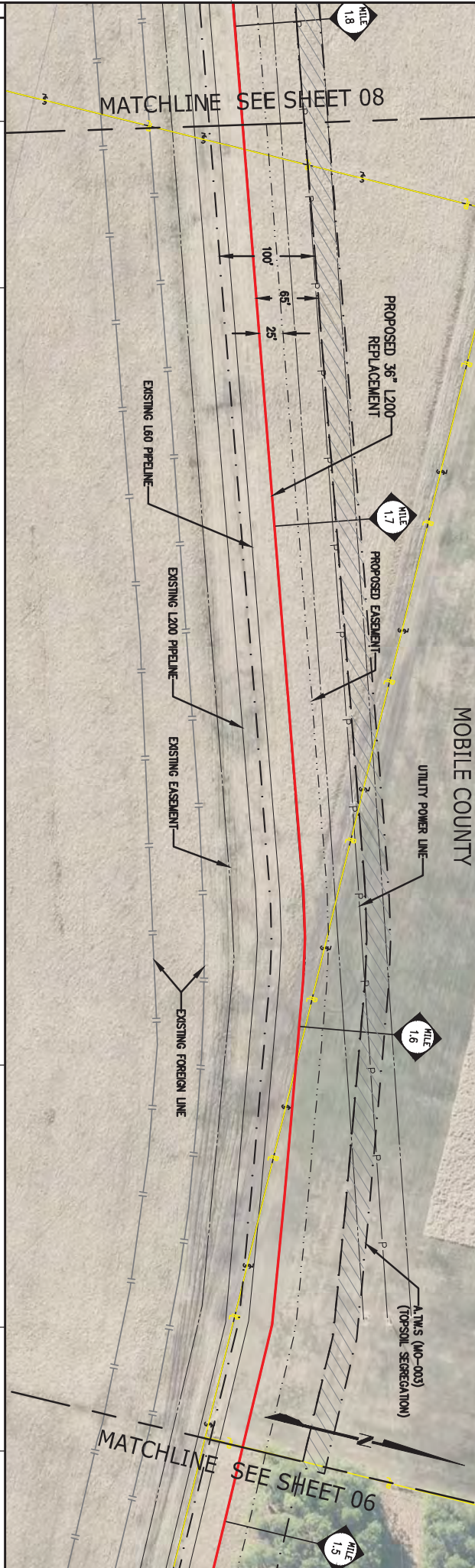
M.P. 1.78 PROPERTY LINE

M.P. 1.70

M.P. 1.60

M.P. 1.59 PROPERTY LINE

M.P. 1.52 PROPERTY LINE



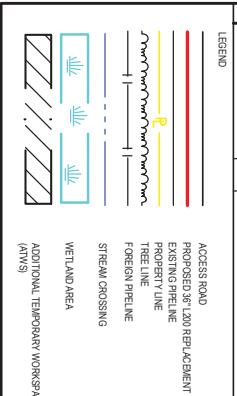
OWNERSHIP

200AL-MB-008,000

200AL-MB-007,000

200AL-MB-006,006 WS

200AL-MB-006,003 WS



LEGEND

ACCESS ROAD

PROPOSED 36" L200 REPLACEMENT

EXISTING PIPELINE

TUBE

FOREIGN PIPELINE

STREAM CROSSING

WETLAND AREA

ADDITIONAL TEMPORARY WORKSPACE (ATWS)

WOOD GROUP USA, INC.

100 0 100
SCALE IN FEET

NO.	DATE	BY	REVISION DESCRIPTION	W/O NO.	CHK.	APP.	DRWING BY	STC.	DATE	ISSUED FOR CONSTRUCTION	SCALE
0	11/15/19	BT	ISSUED FOR USAGE	1211406	WJ	MJH	BT	WJ	11/06/19	26-0200-35-20-A-AS	1 = 100'

DRAWING NO. 26-0200-35-20-A-AS
 REFERENCE TITLE: GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 1.52 TO M.P. 1.78
 MOBILE COUNTY, ALABAMA

DRAWING NUMBER: 26-0200-35-20-A-AS
 SHEET 07 OF 21

STATIONS

M.P. 2.00

M.P. 1.94 CL SULLIVAN BAYOU SMB004

M.P. 1.90

M.P. 1.80

MOBILE COUNTY

MATCHLINE SEE SHEET 09

MATCHLINE SEE SHEET 07

TOPSOIL SEGREGATION (MO-024)



EXISTING ALABAMA POWER 50' UTILITY EASEMENT
PROPOSED 36" L200 REPLACEMENT



A.T.W.S. (MO-003)
TOPSOIL SEGREGATION



EXISTING L60 PIPELINE

EXISTING L200 PIPELINE

EXISTING FOREIGN LINE

EXISTING EASEMENT

WETLAND (WMB003)

100'

65'

25'

200AL-MB-008.000

OWNERSHIP

- LEGEND**
- ACCESS ROAD
 - PROPOSED 36" L200 REPLACEMENT
 - EXISTING PIPELINE
 - PROPERTY LINE
 - TREE LINE
 - FOREIGN PIPELINE
 - STREAM CROSSING
 - WETLAND AREA
 - ADDITIONAL TEMPORARY WORKSPACE (ATWS)



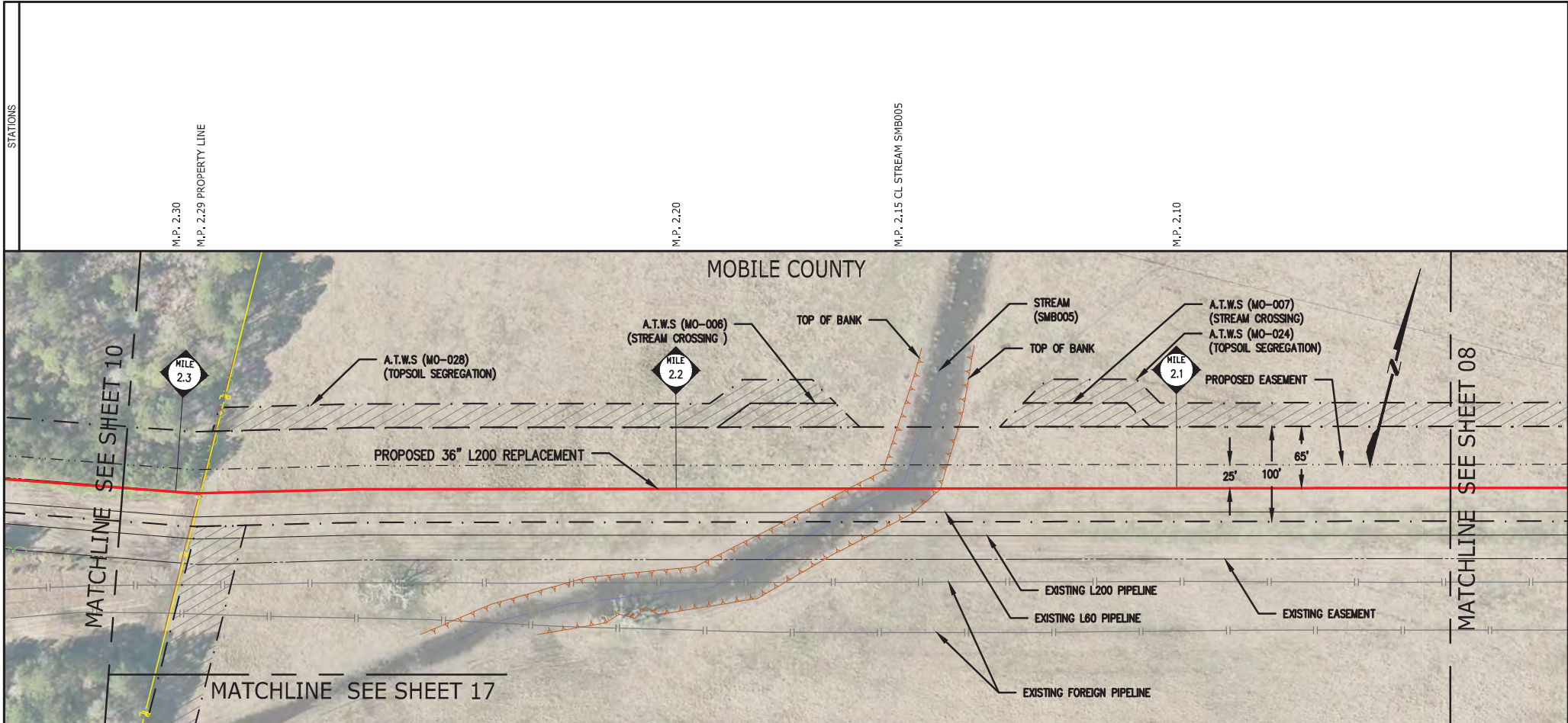
WOOD GROUP USA, INC.



DRAWING NO.		REFERENCE TITLE				
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.
0	11/15/19	BT	ISSUED FOR USAGE	1211406	W.	MJH

GULFSTREAM NATURAL GAS SYSTEM
GULFSTREAM PHASE VI
USACE ALIGNMENT SHEETS
PROPOSED 36" LINE 200 REPLACEMENT
M.P. 1.78 TO M.P. 2.05
MOBILE COUNTY, ALABAMA

DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1 = 100'
CHECKED BY: W	DATE: 11/06/19	ISSUED FOR CONSTRUCTION:	REVISION: 0
APPROVED BY: MJH	DATE: 11/06/19	DRAWING NUMBER: 28-0200-35-20-A_AS	SHEET 08
WO: 1211406	RID: 103	1/15/2019 BAO TRAN 11/15/2019	OF 21



OWNERSHIP	200AL-MB-008,001	200AL-MB-008,000
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LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	PROPERTY LINE
	TREE LINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)



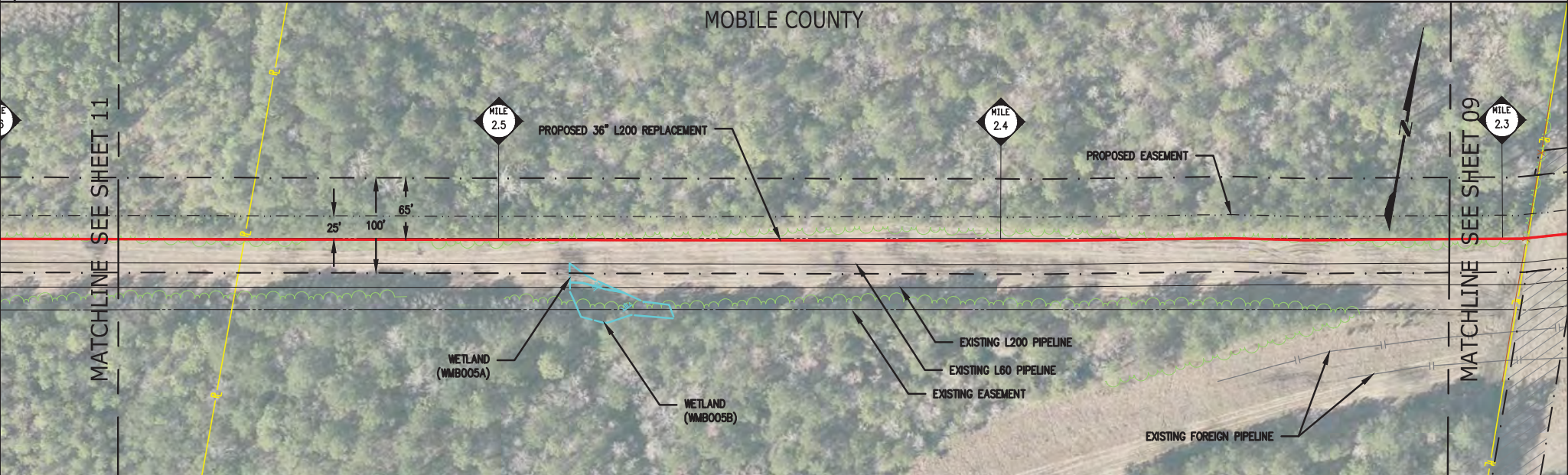
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NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.
0	11/15/19	BT	ISSUED FOR USAGE	1211406	W.	MJH

GULFSTREAM NATURAL GAS SYSTEM
GULFSTREAM PHASE VI
USACE ALIGNMENT SHEETS
PROPOSED 36" LINE 200 REPLACEMENT
M.P. 2.05 TO M.P. 2.31
MOBILE COUNTY, ALABAMA

DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1 = 100'
CHECKED BY: WJ	DATE: 11/06/19	ISSUED FOR CONSTRUCTION:	REVISION: 0
APPROVED BY: MJH	DATE: 11/06/19	DRAWING NUMBER: 26-0200-35-20-A_AS	SHEET 09
WO: 1211406	RID: 103	11/15/2019	OF 21

K:\MapInfo\AL\GULFSTREAM\10005_18PRM\USACE\Map111385536_GULFSTREAM PH VI FERC ALON.dwg 11/15/2019 12:02

STATIONS



OWNERSHIP	200AL-MB-009,000	200AL-MB-008,001

LEGEND

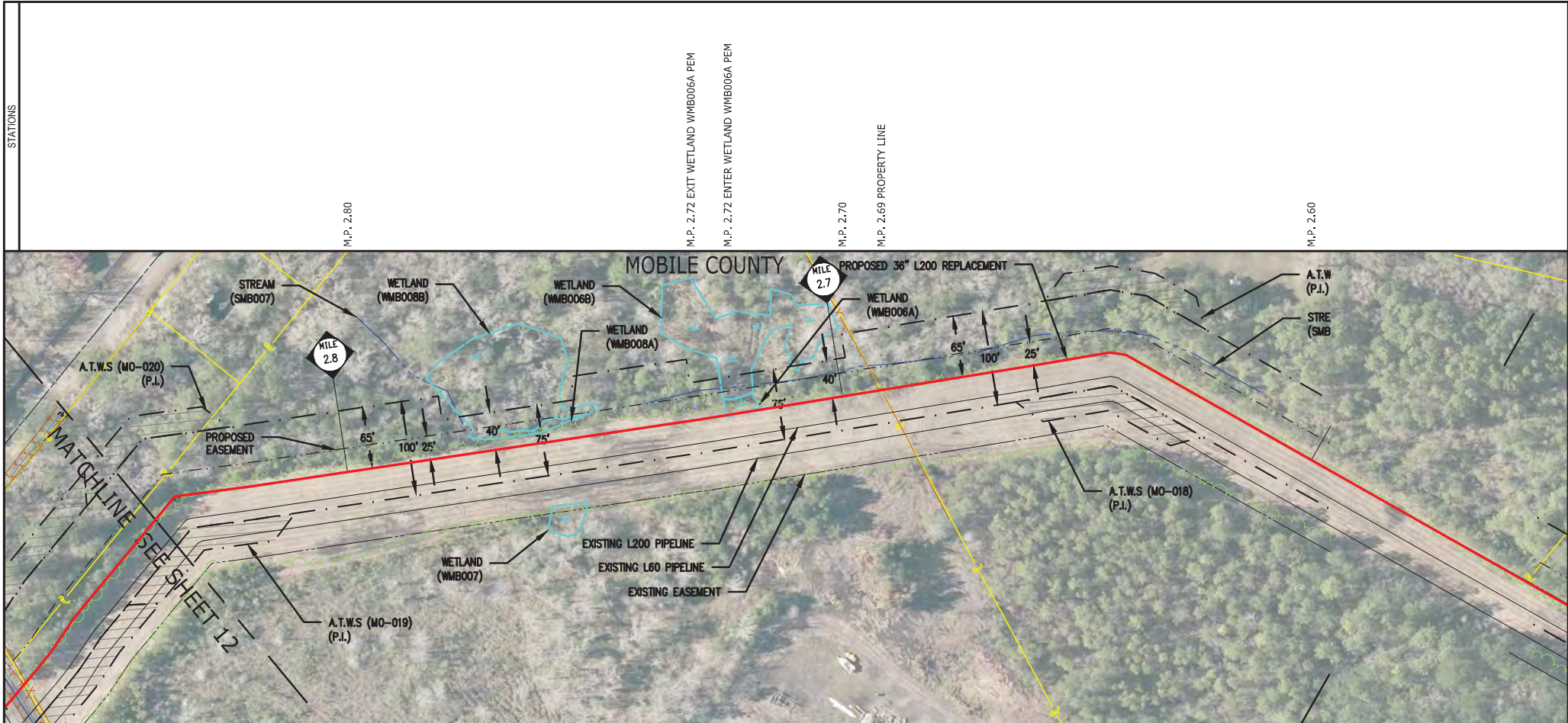
	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	PROPERTY LINE
	TREE LINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)



DRAWING NO.	REFERENCE TITLE

GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 2.31 TO M.P. 2.58
 MOBILE COUNTY, ALABAMA

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1 = 100'
0	11/15/19	BT	ISSUED FOR USAGE	1211408	W.	MJH	CHECKED BY: W	DATE: 11/06/19	ISSUED FOR CONSTRUCTION:	REVISION: 0
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							WO: 1211408	RID: 103	11/15/2019	OF 21



OWNERSHIP	200AL-MB-010,000	200AL-MB-009,000
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LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	PROPERTY LINE
	TREE LINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)



DRAWING NO.		REFERENCE TITLE		GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT M.P. 2.58 TO M.P. 2.84 MOBILE COUNTY, ALABAMA	
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK. APP.
0	11/15/19	BT	ISSUED FOR USAGE	1211406	W. MJH
DRAWN BY: STC		DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1" = 100'	
CHECKED BY: WJ		DATE: 11/06/19	ISSUED FOR CONSTRUCTION:	REVISION: 0	
APPROVED BY: MJH		DATE: 11/06/19	DRAWING NUMBER: 26-0200-35-20-A_AS	SHEET 11	
WD: 1211406		RID: 103	11/15/2019	OF 21	

STATIONS

M.P. 3.10

M.P. 3.09 PROPERTY LINE

M.P. 3.06 PROPERTY LINE

M.P. 3.05 PROPERTY LINE

M.P. 3.00

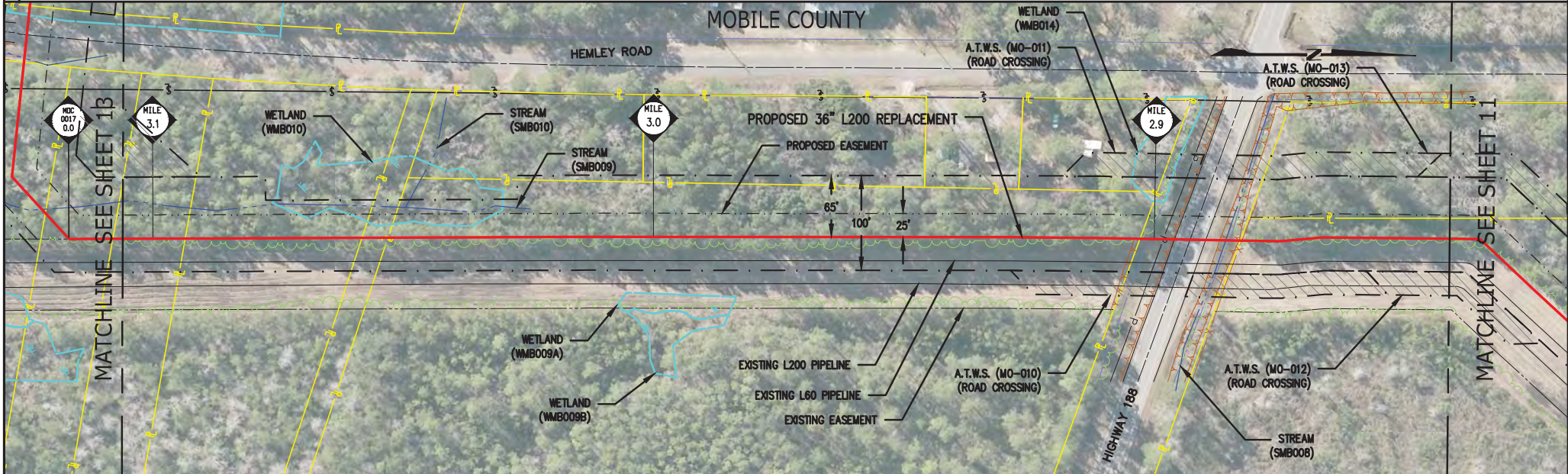
M.P. 2.90 PROPERTY LINE

M.P. 2.90 EXISTING POWER LINE

M.P. 2.89 CL ROAD

M.P. 2.89 CL COMO BAYOU SMB008

M.P. 2.88 PROPERTY LINE



OWNERSHIP	200AL-MB-014.003	200AL-MB-014.002	200AL-MB-014.001	200AL-MB-013.000	200AL-MB-011.000 RD	200AL-MB-010.000
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LEGEND

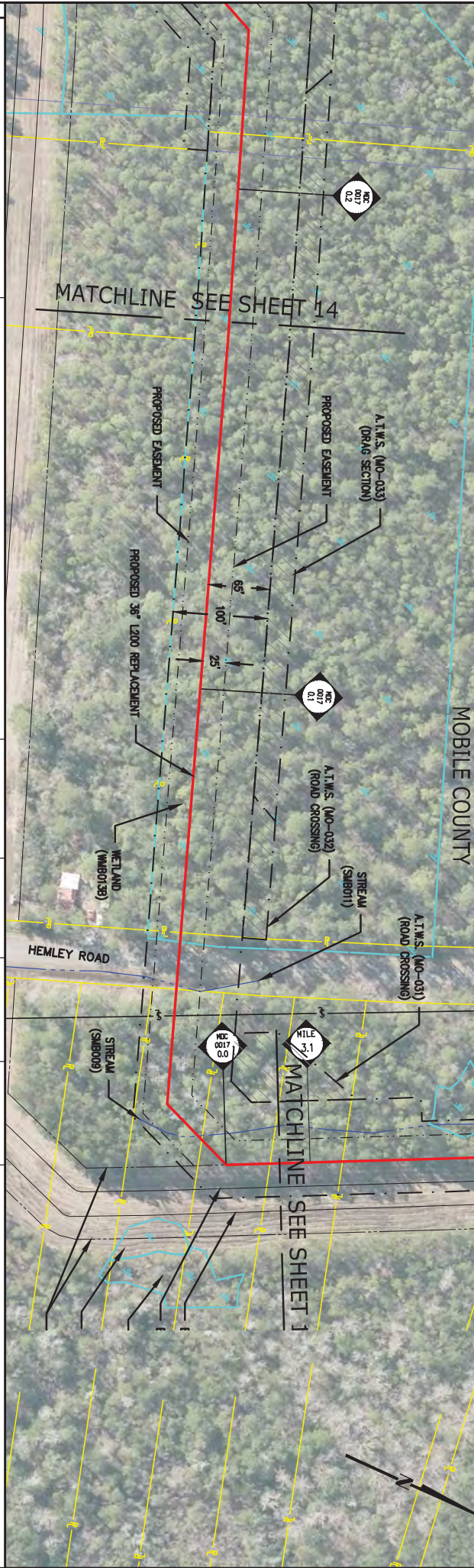
	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	PROPERTY LINE
	TREE LINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)



DRAWING NO.	REFERENCE TITLE

GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 2.84 TO M.P. 3.11
 MOBILE COUNTY, ALABAMA

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1" = 100'
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APPROVED BY: MJH							DATE: 11/06/19	DRAWING NUMBER: 28-0200-35-20-A_AS		SHEET 12
W.O. 1211408							RID: 103	K:\Mapping\AL\GULFSTREAM\10005_18PRM\USACE\Map\1113855_36_GULFSTREAM PH VI PERC ALIGN_B4T8-12.dwg		OF 21



MOC_0017 M.P. 0.1

- MOC_0017 M.P. 0.05 ROAD RIGHT-OF-WAY
- MOC_0017 M.P. 0.05 ENTER WETLAND WMB013B PFO
- MOC_0017 M.P. 0.04 CL COMO BAYOU SMB011
- MOC_0017 M.P. 0.04 PROPERTY LINE
- MOC_0017 M.P. 0.03 PROPERTY LINE
- MOC_0017 M.P. 0.01 STREAM SMB009
- MOC_0017 M.P. 0.01 PROPERTY LINE
- MOC_0017 M.P. 0.00
- M.P. 3.11 PROPERTY LINE

LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT GAS MAIN PIPELINE
	EXISTING PIPELINE
	36" L200 REPLACEMENT GAS MAIN PIPELINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)

WOOD GROUP USA, INC.

200AL-MB-019,050

200AL-MB-016,000 RD

200AL-MB-014,005

200AL-MB-014,004

200AL-MB-014,003

MOBILE COUNTY

HEMLEY ROAD

SCALE IN FEET

DRAWINGS NO.		REFERENCE TITLE	
NO.	DATE	BY	REVISION DESCRIPTION
0	11/19/19	BT	ISSUED FOR USAGE
NO.	CHK.	APP.	DRAWN BY:
1211406	WJ	MJH	BT
NO.	CHK.	APP.	CHECKED BY:
1211406	WJ	MJH	MJH
NO.	DATE	DATE	DATE
1211406	11/06/19	11/06/19	11/06/19
NO.	DATE	DATE	DATE
103	11/06/19	11/06/19	11/06/19
NO.	DATE	DATE	DATE
103	11/06/19	11/06/19	11/06/19
NO.	DATE	DATE	DATE
103	11/06/19	11/06/19	11/06/19

GULFSTREAM NATURAL GAS SYSTEM
GULFSTREAM PHASE VI
USACE ALIGNMENT SHEETS
PROPOSED 36" LINE 200 REPLACEMENT
M.P. 3.11 TO MOC 0017 M.P. 0.17
MOBILE COUNTY, ALABAMA

SCALE: 1" = 100'

ISSUED FOR CONSTRUCTION

DRAWING NUMBER: 26-0200-35-20-A-AS

DATE: 11/06/19

REVISION: 0

SHEET 13 OF 21

STATIONS

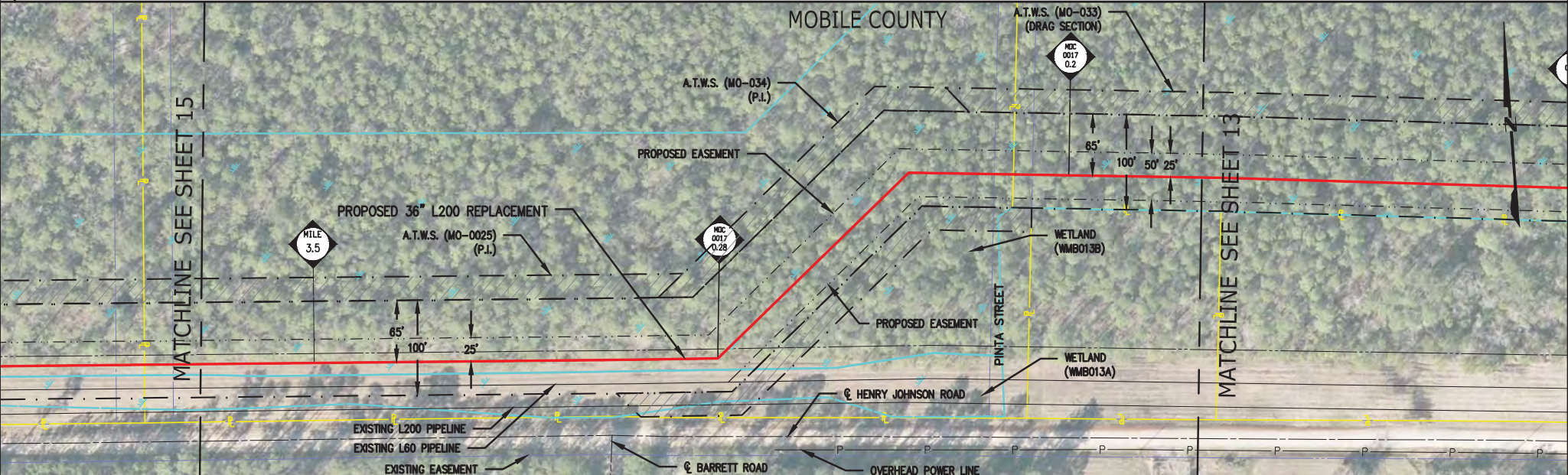
M.P. 3.50

MOC_0017 M.P. 0.26

MOC_0017 M.P. 0.21 PROPERTY LINE

MOC_0017 M.P. 0.2

M.P. 3.30



OWNERSHIP	200AL-MB-020.000	200AL-MB-019.050

LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	PROPERTY LINE
	TREE LINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)



DRAWING NO.	REFERENCE TITLE

GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 MOC 0017 M.P. 0.17 TO M.P. 3.52
 MOBILE COUNTY, ALABAMA

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY:	STC	DATE:	11/06/19	ISSUED FOR BID:	SCALE:	1 = 100'	
0	11/15/19	BT	ISSUED FOR USAGE	1211408	W.	MJH	CHECKED BY:	WJ	DATE:	11/06/19	ISSUED FOR CONSTRUCTION:	REVISION:	0	
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							WD:	1211408	RID:	103	1/20/19/PH	BAC TRAN	1/15/2019	OF 21

STATIONS

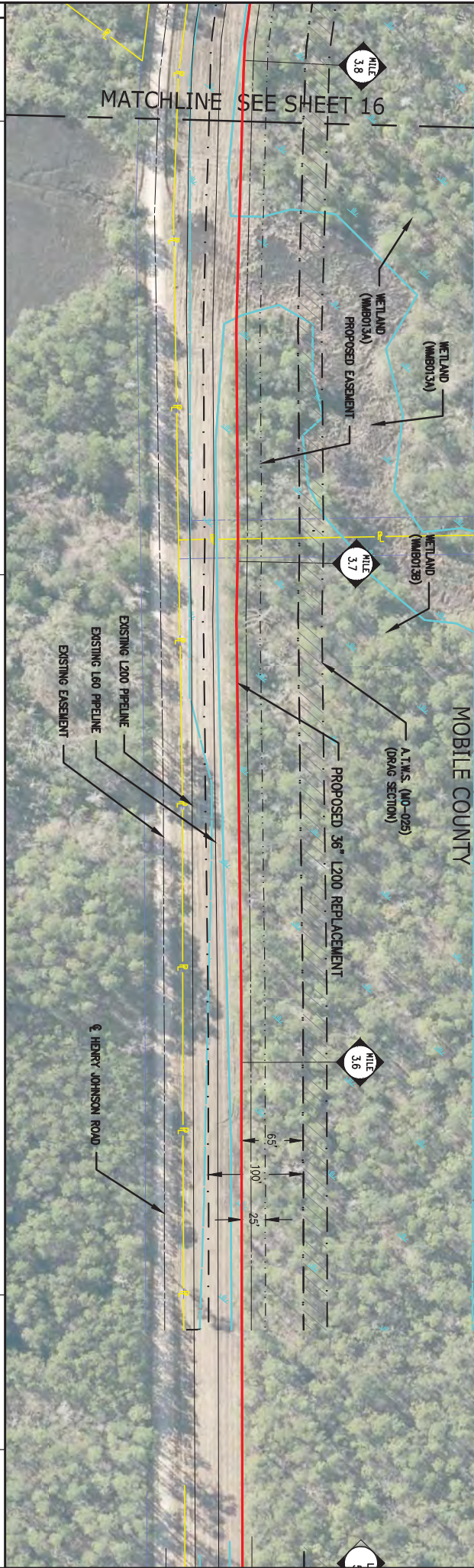
M.P. 3.77 EXIT WETLAND WMB013A PEM
 M.P. 3.77 ENTER WETLAND WMB013B PFO

M.P. 3.75 EXIT WETLAND WMB013B PFO
 M.P. 3.75 ENTER WETLAND WMB013A PEM

M.P. 3.70
 M.P. 3.70 PROPERTY LINE

M.P. 3.60

M.P. 3.53 PROPERTY LINE



OWNERSHIP	200AL-MB-024.000	200AL-MB-022.000	200AL-MB-019.050: 020.000
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LEGEND

- ACCESS ROAD
- PROPOSED 36" L200 REPLACEMENT
- EXISTING L200 PIPELINE
- EXISTING L80 PIPELINE
- TIEB LINE
- FOREIGN PIPELINE
- STREAM CROSSING
- WETLAND AREA
- ADDITIONAL TEMPORARY WORKSPACE (ATWS)

WOOD GROUP USA, INC.

SCALE: 1" = 100'

SCALE IN FEET

NO.	DATE	BY	REVISION DESCRIPTION	W/O. NO.	CHK.	APP.	DRW. BY	STG.	DATE	ISSUED FOR CONSTRUCTION	SCALE
0	11/19/19	BT	ISSUED FOR USAGE	1211408	WJ	MJH	BT	WJ	11/09/19	26-0200-35-20-A-AS	1" = 100'

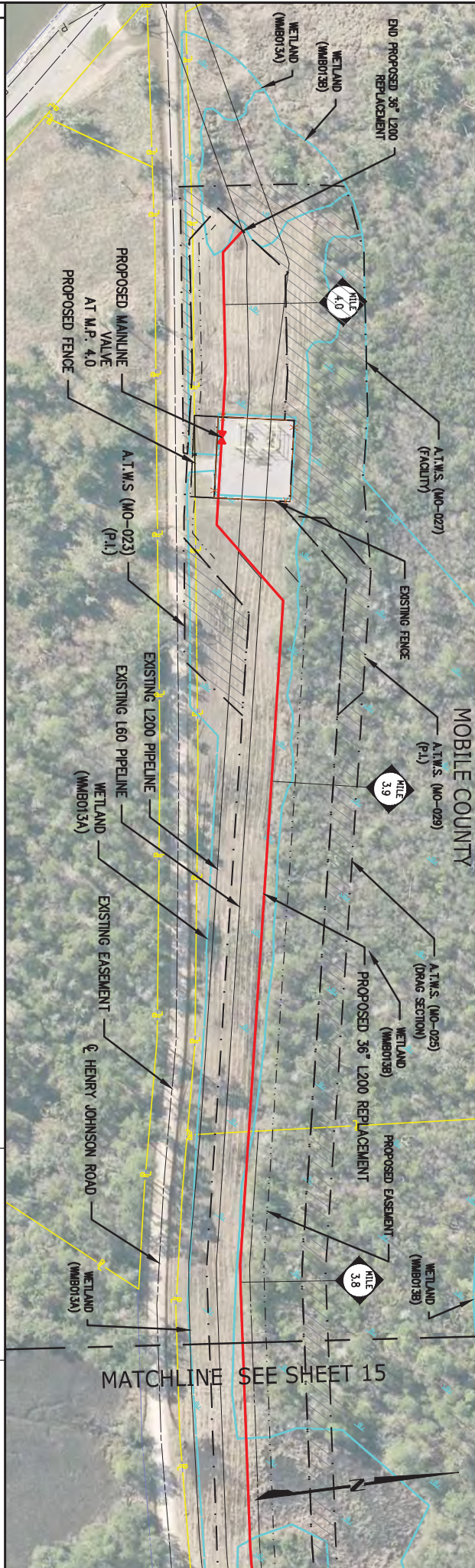
GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE VI
 USACE ALIGNMENT SHEETS
 PROPOSED 36" LINE 200 REPLACEMENT
 M.P. 3.52 TO M.P. 3.79
 MOBILE COUNTY, ALABAMA

SHEET 15
 OF 21

SAM-2018-01227-DCH

STATIONS

- M.P. 4.02 END REPLACEMENT
- M.P. 4.00
- M.P. 3.98 ENTER WETLAND WMB013A PEM
- M.P. 3.96 EXIT WETLAND WMB013A PEM
- M.P. 3.95 EXISTING L200 PIPELINE
- M.P. 3.94 EXISTING L60 PIPELINE
- M.P. 3.90
- M.P. 3.86 EXIT WETLAND WMB013A PEM
- M.P. 3.86 ENTER WETLAND WMB013A PEM
- M.P. 3.83 PROPERTY LINE
- M.P. 3.82 EXIT WETLAND WMB013B PFO
- M.P. 3.82 ENTER WETLAND WMB013A PEM
- M.P. 3.80

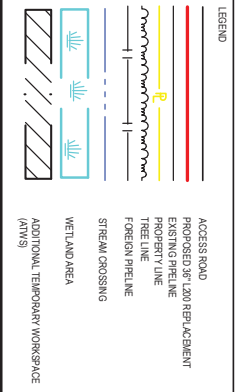


OWNERSHIP

200AL-MB-025;000

200AL-MB-024;000

200AL-MB-024;000



ACCESS ROAD
PROPOSED 36\"/>

EXISTING PIPELINE
TUBE
TUBE LINE
FOREIGN PIPELINE
STREAM CROSSING
WETLAND AREA
ADDITIONAL TEMPORARY WORKSPACE (ATWS)



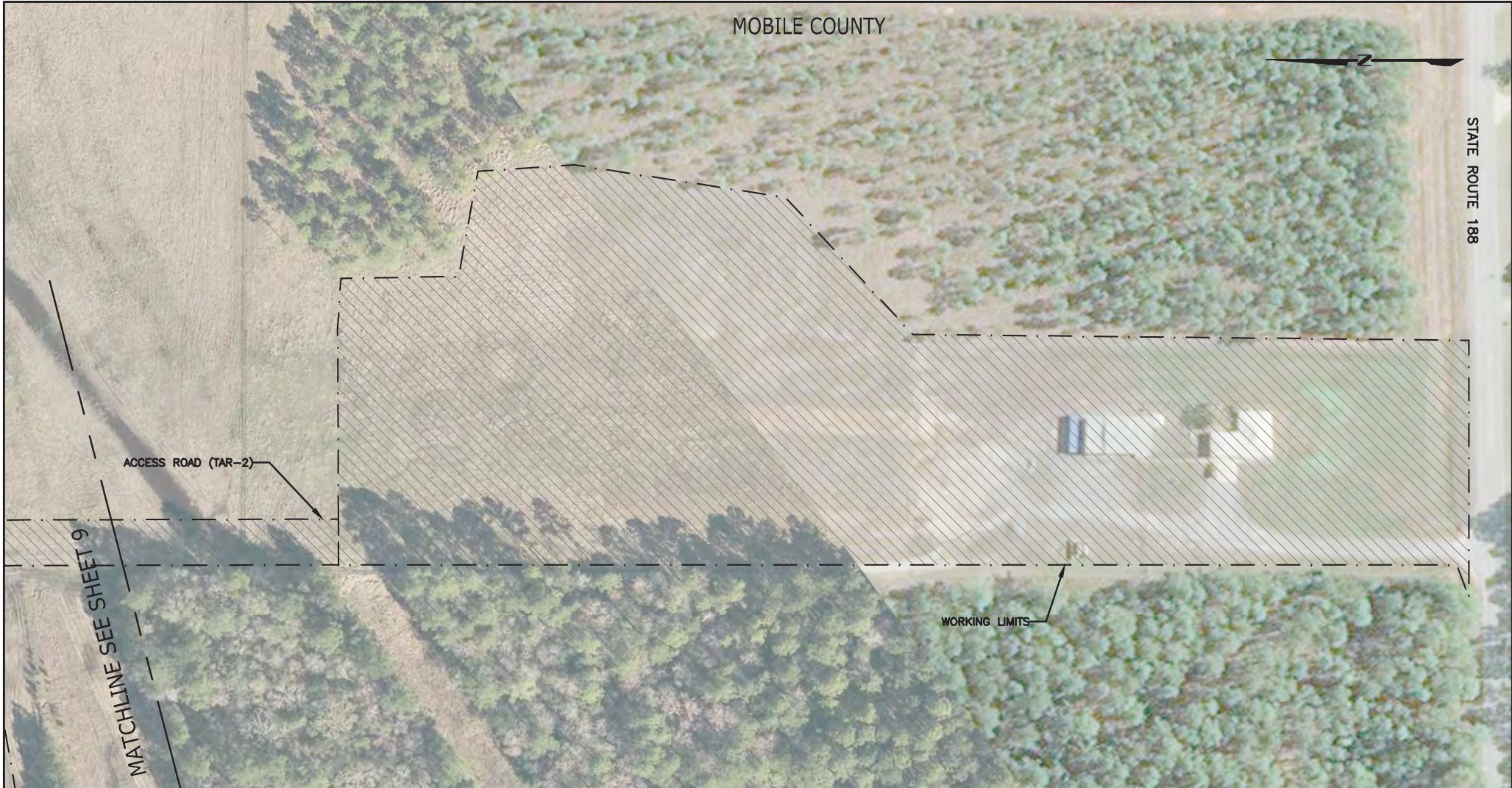
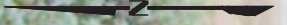
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WOOD GROUP USA, INC.
 GULFSTREAM NATURAL GAS SYSTEM
 GULFSTREAM PHASE 6
 USACE ALIGNMENT SHEETS
 PROPOSED 36\"/>

DRAWING NUMBER: 26-0200-35-20-A-AS
 SHEET 16 OF 21

MOBILE COUNTY

STATE ROUTE 188



LEGEND

- ACCESS ROAD
- PROPOSED 36" L200 REPLACEMENT
- EXISTING CONTRACTORLINE
- PROPERTY LINE
- TREE LINE
- FOREIGN CONTRACTORLINE
- STREAM CROSSING
- WETLAND AREA
- ADDITIONAL TEMPORARY WORKSPACE (ATWS)



WOOD GROUP USA, INC.



DRAWING NO. F-GLFSTR-A-TM-01		REFERENCE TITLE TOPOGRAPHICAL MAP OVERVIEW		GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT CONTRACTOR YARD #2 MOBILE COUNTY, ALABAMA									
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY:	STC	DATE:	11/06/19	ISSUED FOR BID:	SCALE:	1 = 100'
0	11/15/19	BT	ISSUED FOR USAGE	1211406	W.	MJH	CHECKED BY:	W.	DATE:	11/06/19	ISSUED FOR CONSTRUCTION:	REVISION:	0
								APPROVED BY:	MJH	DATE:	11/06/19	DRAWING NUMBER: 26-0200-35-20-A_AS	
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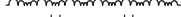




MOBILE COUNTY

COUNTY ROAD 23/PADGETT SWITCH ROAD

WORKING LIMITS




LEGEND

-  ACCESS ROAD
-  PROPOSED 36" L200 REPLACEMENT
-  EXISTING CONTRACTOR LINE
-  PROPERTY LINE
-  TREE LINE
-  FOREIGN CONTRACTOR LINE
-  STREAM CROSSING
-  WETLAND AREA
-  ADDITIONAL TEMPORARY WORKSPACE (ATWS)



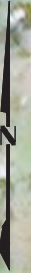
WOOD GROUP USA, INC.



DRAWING NO. F-GLFSTR-A-TM-01		REFERENCE TITLE TOPOGRAPHICAL MAP OVERVIEW				GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT CONTRACTOR YARD #1 MOBILE COUNTY, ALABAMA									
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY:	STC	DATE:	11/06/19	ISSUED FOR BID:	SCALE:	1 = 200'		
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							APPROVED BY:	MJH	DATE:	11/06/19	DRAWING NUMBER:	26-0200-35-20-A_AS			
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MOBILE COUNTY

COUNTY HIGHWAY 10/ROCK ROAD



WORKING LIMITS

LEGEND

-  ACCESS ROAD
-  PROPOSED 36" L200 REPLACEMENT
-  EXISTING CONTRACTOR LINE
-  PROPERTY LINE
-  TREE LINE
-  FOREIGN CONTRACTOR LINE
-  STREAM CROSSING
-  WETLAND AREA
-  ADDITIONAL TEMPORARY WORKSPACE (ATWS)



WOOD GROUP USA, INC.



DRAWING NO. F-GLFSTR-A-TM-01		REFERENCE TITLE TOPOGRAPHICAL MAP OVERVIEW			GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT CONTRACTOR YARD #3 MOBILE COUNTY, ALABAMA					
NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.	DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1 = 100'
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							APPROVED BY: MJH	DATE: 11/06/19	DRAWING NUMBER: 26-0200-35-20-A_AS	
							WD: 1211406	RID: 103	SHEET 19 OF 21	





LEGEND

	ACCESS ROAD
	PROPOSED 36" L200 REPLACEMENT
	EXISTING PIPELINE
	PROPERTY LINE
	TREE LINE
	FOREIGN PIPELINE
	STREAM CROSSING
	WETLAND AREA
	ADDITIONAL TEMPORARY WORKSPACE (ATWS)



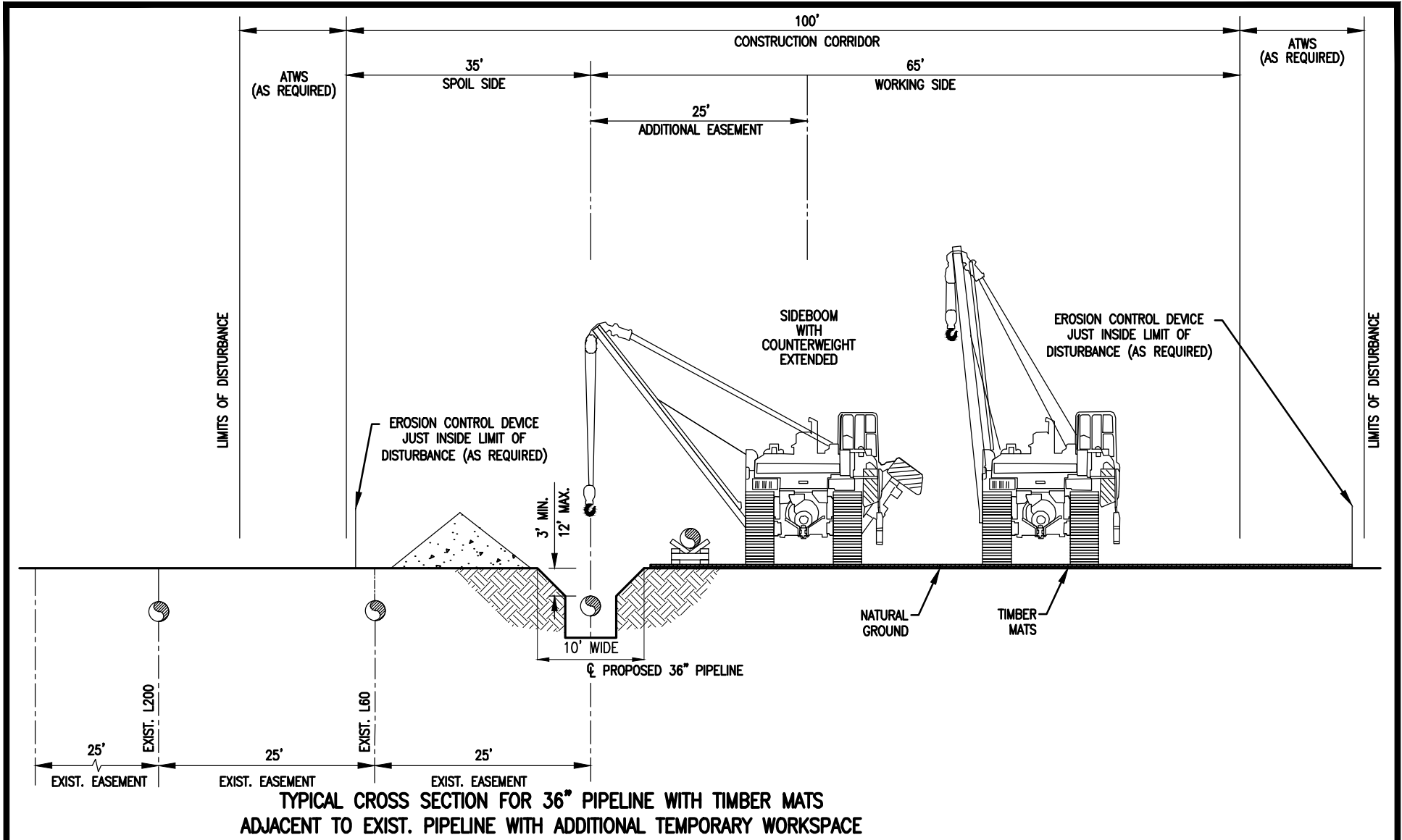
DRAWING NO.		REFERENCE TITLE	
F-GLFSTR-A-TM-01		TOPOGRAPHICAL MAP OVERVIEW	

GULFSTREAM NATURAL GAS SYSTEM GULFSTREAM PHASE VI USACE ALIGNMENT SHEETS PROPOSED 36" LINE 200 REPLACEMENT STATION 420 MANATEE COUNTY, FLORIDA				
DRAWN BY: STC	DATE: 11/06/19	ISSUED FOR BID:	SCALE: 1 = 100'	

NO.	DATE	BY	REVISION DESCRIPTION	W.O. NO.	CHK.	APP.
0	11/15/19	BT	ISSUED FOR USAGE	1211406	W.	MJH

CHECKED BY: W	DATE: 11/06/19	ISSUED FOR CONSTRUCTION:	REVISION: 0
APPROVED BY: MJH	DATE: 11/06/19	DRAWING NUMBER: 26-0200-35-20-A_AS	SHEET 21
WD: 1211406	RID: 103	11/15/2019	OF 21

FILE: K:\Mapping\AL\GLFSTR\REFL\0000_19\FERC\FERC\Misc\FX-GLFSTR-A-XS_1 to 4 and 6 to 9.dwg PLOT DATE: 11/8/2019 BY: TRAN, BAO (HOUSTON)



REV.	DATE	BY	DESCRIPTION	CHK.
B	11/08/19	DL	ISSUED FOR USACE	EL
A	03/18/19	DL	ISSUED FOR APPROVAL	EL

**GULFSTREAM NATURAL GAS SYSTEM
TYPICAL RIGHT-OF-WAY CROSS SECTION**

**GULFSTREAM PHASE VI
PROPOSED 36" PIPELINE**

PROJECT NO. _____

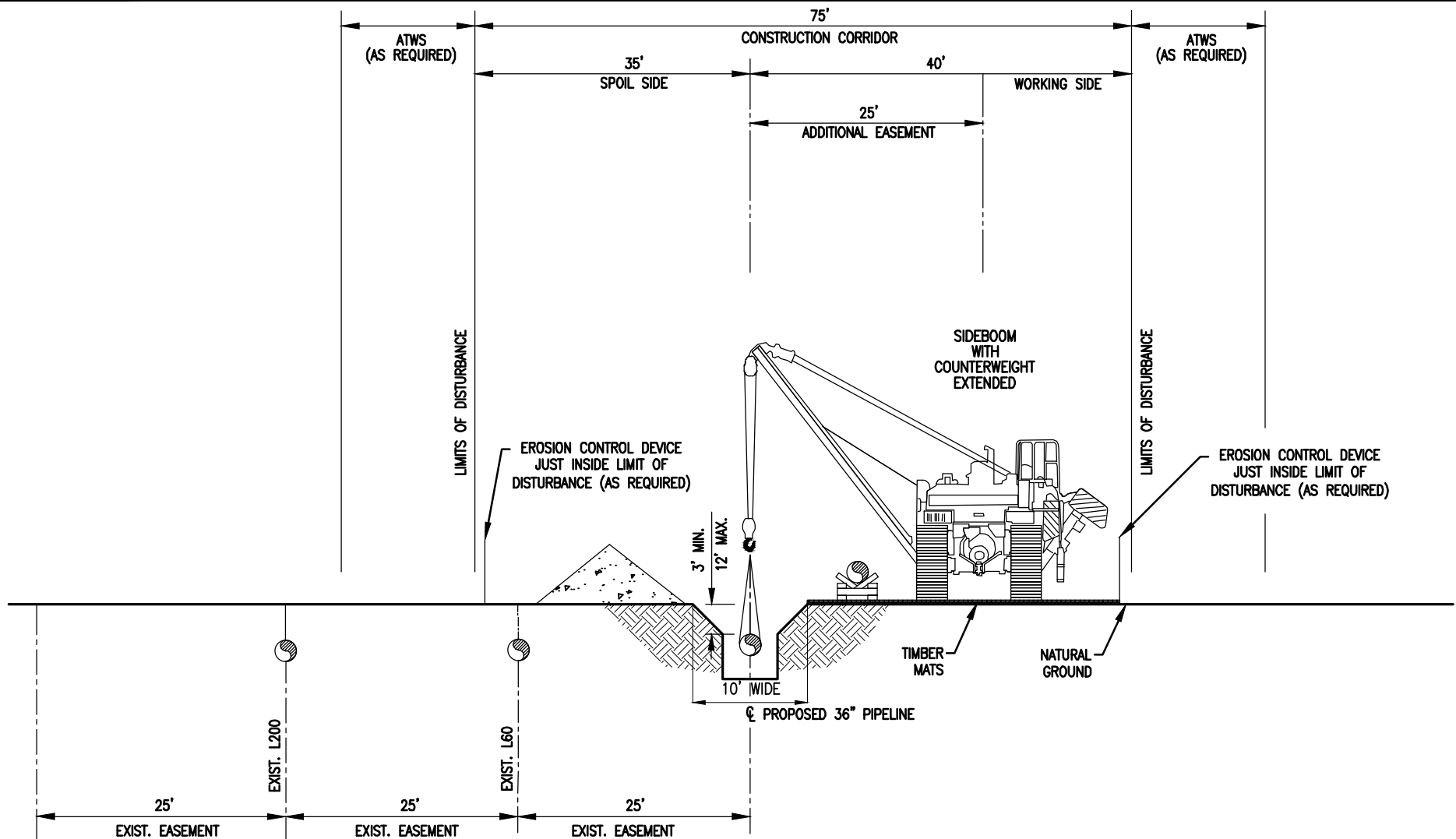


WOOD GROUP USA, INC.



DRAWN BY: DL	DATE: 01/10/2019	DWG. NO.	REV.
CHECKED BY: BL	DATE: 01/10/2019	FX-GLFSTR-A-XS-07	B
SCALE: N.T.S.	APP.: MJH/BRB		

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**TYPICAL CROSS SECTION FOR 36" PIPELINE WITH TIMBER MATS
WITHIN STREAM AND SATURATED WETLAND AREAS - ADJACENT TO EXISTING PIPELINE**

REV.	DATE	BY	DESCRIPTION	CHK.
B	11/08/19	BT	ISSUED FOR USACE	EL
A	03/18/19	DL	ISSUED FOR APPROVAL	EL

**GULFSTREAM NATURAL GAS SYSTEM
TYPICAL RIGHT-OF-WAY CROSS SECTION**

**GULFSTREAM PHASE VI
PROPOSED 36" PIPELINE**

PROJECT NO.



WOOD GROUP USA, INC.



DRAWN BY: DL	DATE: 01/10/2019
CHECKED BY: BL	DATE: 01/10/2019
SCALE: N.T.S.	APP.: MJH/BRB

DWG. NO.	REV.
FX-GLFSTR-A-XS-08	B