

JOINT PUBLIC NOTICE

June 8, 2015

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
Post Office Box 60267
New Orleans, Louisiana 70160-0267

(504) 862-2045
jennifer.e.burkett@usace.army.mil
Project Manager
Jennifer Burkett
Permit Application Number
MVN 2015-0292 EBB

State of Louisiana
Department of Environmental Quality
ATTN: Water Quality Certifications
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(225) 219-3225
Project Manager
Elizabeth Hill
WQC Application Number
WQC 150410-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

TWENTY-INCH PIPELINE IN PLAQUEMINES PARISH

NAME OF APPLICANT: Colonial Pipeline Company c/o Morris P. Hebert, Inc. at 10343 Siegen Lane, Building 4-B, Baton Rouge, Louisiana 70810.

LOCATION OF WORK: From Manuel Canal to Lake Lery, approximately 3.7 miles northeast of Carlisle, in Plaquemines Parish, Louisiana, as shown on the attached drawings.

HUC: 08090203; Eastern Louisiana Coastal

CHARACTER OF WORK: To replace 26,703' of the existing 20" Colonial Line 7 Pipeline. The line will be installed a minimum of 3.5' below the ground and 8' below bayou and canal crossings via open cut. Approximately 179,789 cubic yard of material will be excavated, stockpiled, and used as backfill. Affected areas will be replanted, monitored and, if necessary, replanted until full regrowth has occurred. Approximately 750 cubic yards of riprap as well as bulkheads will be utilized for bankline stabilization at the water/land interfaces. Project implementation will temporarily impact approximately 27.17 acres of marsh and 137.19 acres of non-vegetated water bottom. No permanent adverse impacts to special aquatic sites are proposed; no compensatory mitigation is anticipated at this time.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC

request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above. **Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.**

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, 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, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers 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 U.S. Army Corps of Engineers to determine whether to make, 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 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.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

Based on the South Louisiana **Standard Local Operating Procedure for Endangered Species (SLOPES)**, as signed on October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that 137.19 acres of the project footprint are located in waters known to be utilized by the West Indian manatee (*Trichechus manatus*) and determined that the activity is not likely to adversely affect this species. If this permit is issued, the permittee will be required to follow the **Standard Manatee Conditions for In-Water Activities**.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of 164.36 acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality before a permit is issued.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

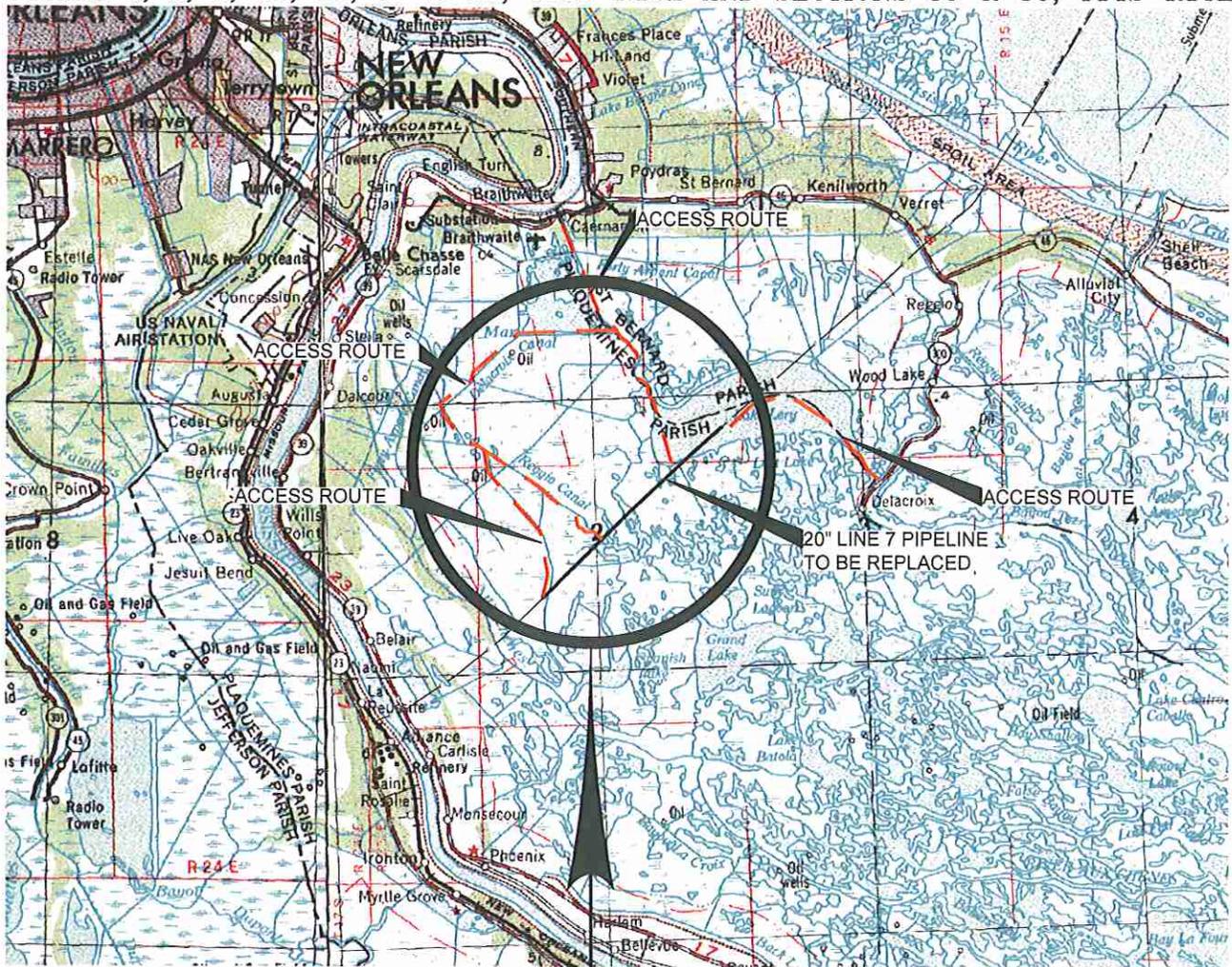
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Michael V. Farabee
Chief, Eastern Evaluation Section

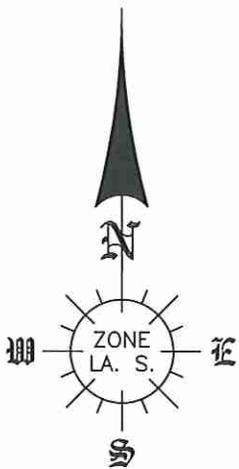
Enclosure

PLAQUEMINES PARISH, LOUISIANA
 SECTIONS 2, 3, 9, 10, 16, 17 & 20, T15S-R13E AND SECTIONS 35 & 36, T14S-R13E

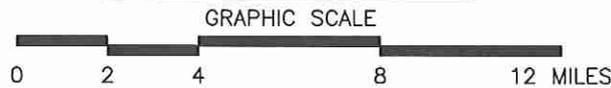


NOTES:

1. THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.
2. PROJECT IS LOCATED APPROXIMATELY 8 MILES SOUTHEASTERLY OF BELLE CHASSE, LOUISIANA.



**PROJECT LOCATION
 VICINITY MAP**

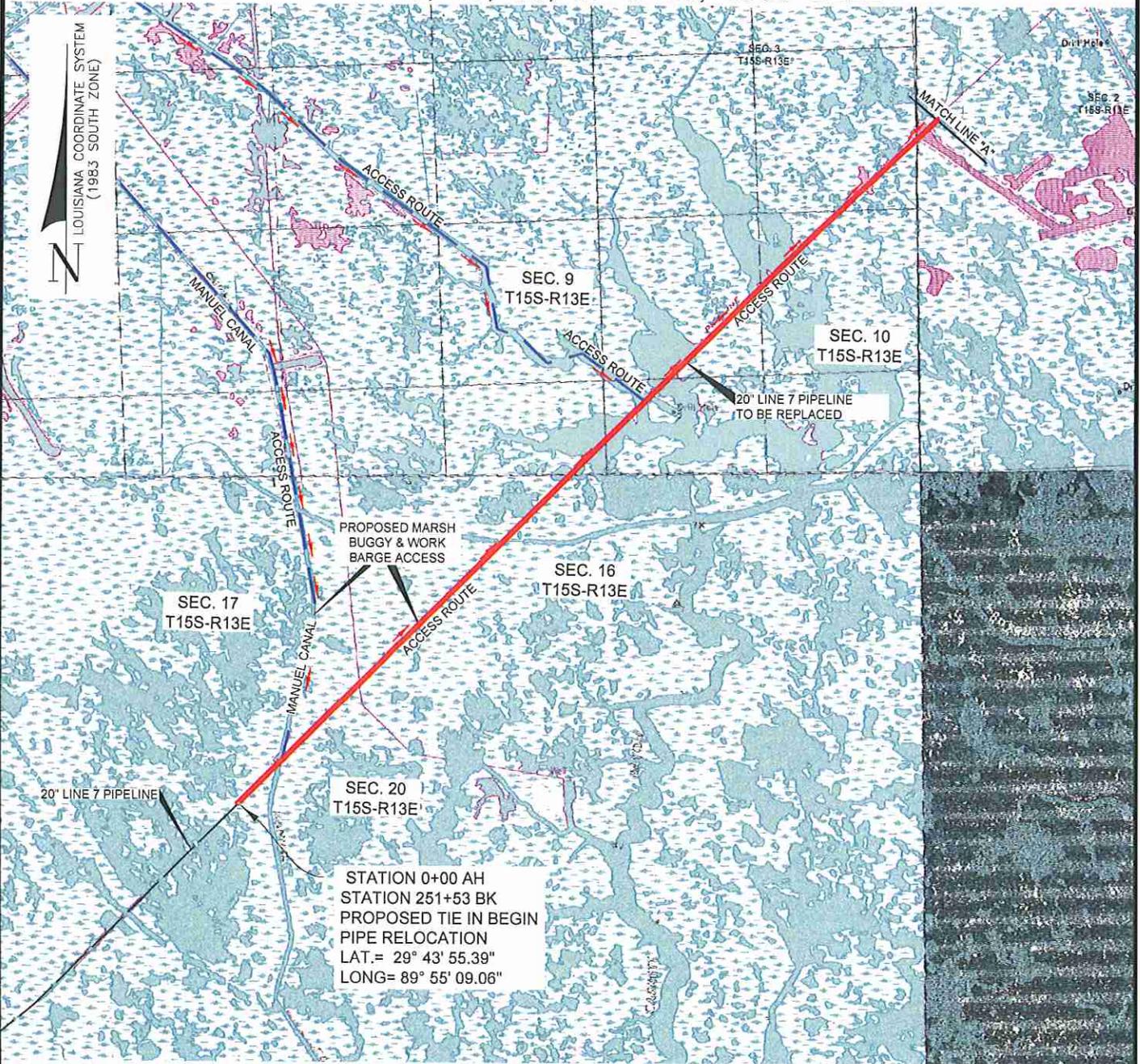


SHEET 1

△			COLONIAL PIPELINE COMPANY PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	DESIGN: MPH, Inc.
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△				SCALE: AS SHOWN
△				DATE: 10-17-14
△				12001COE0001A0.dwg
	REVISION	DATE		12001COE0001A0

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PLAQUEMINES PARISH, LOUISIANA
 SECTIONS 9, 10, 16, 17 & 20, T15S-R13E



(XX) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



SHEET 2

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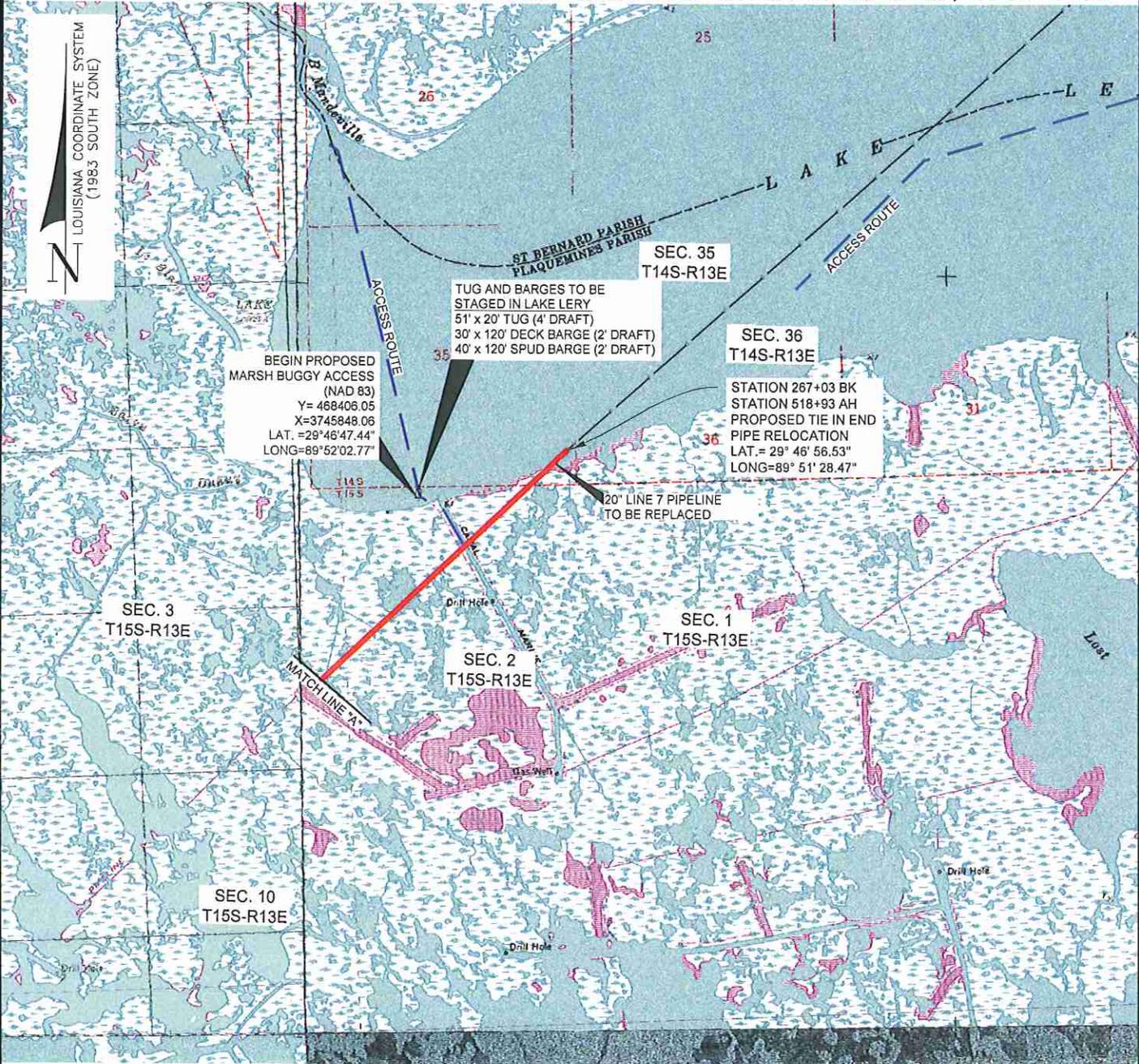
COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
 20" LINE 7 PIPELINE
 LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
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PLAQUEMINES PARISH, LOUISIANA
 SECTIONS 2, 3, 9, 10, 16, 17 & 20, T15S-R13E AND SECTIONS 35 & 36, T14S-R13E



(XX) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE

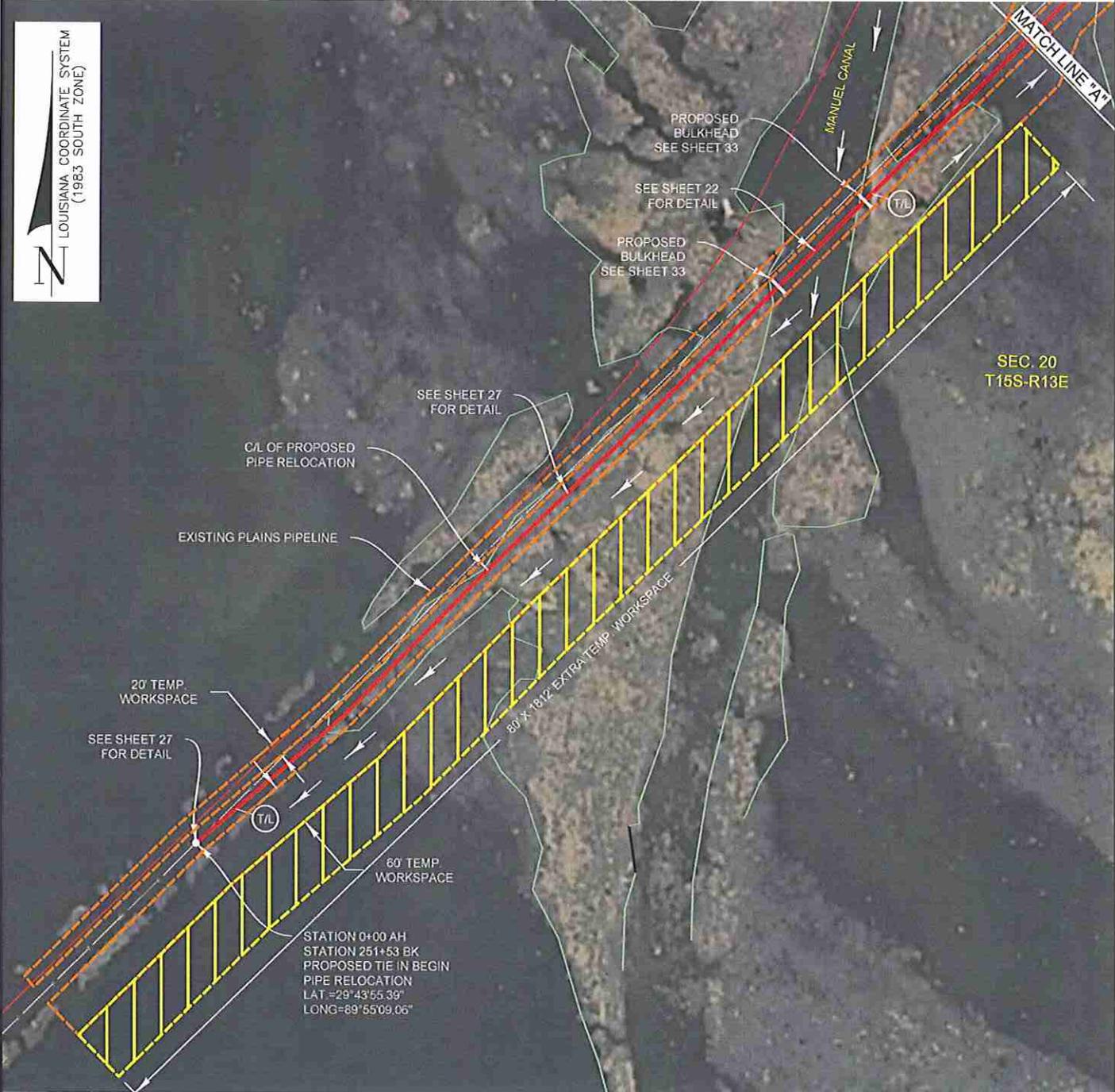
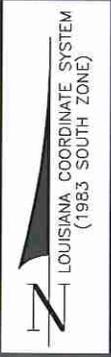


SHEET 3

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REVISION	DATE	

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PLAQUEMINES PARISH, LOUISIANA SECTION 20, T15S-R13E



(X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



← DENOTES ACCESS

--- EXISTING PIPELINE TO BE REPLACED

SHEET 4

REVISION	DATE

COLONIAL PIPELINE COMPANY

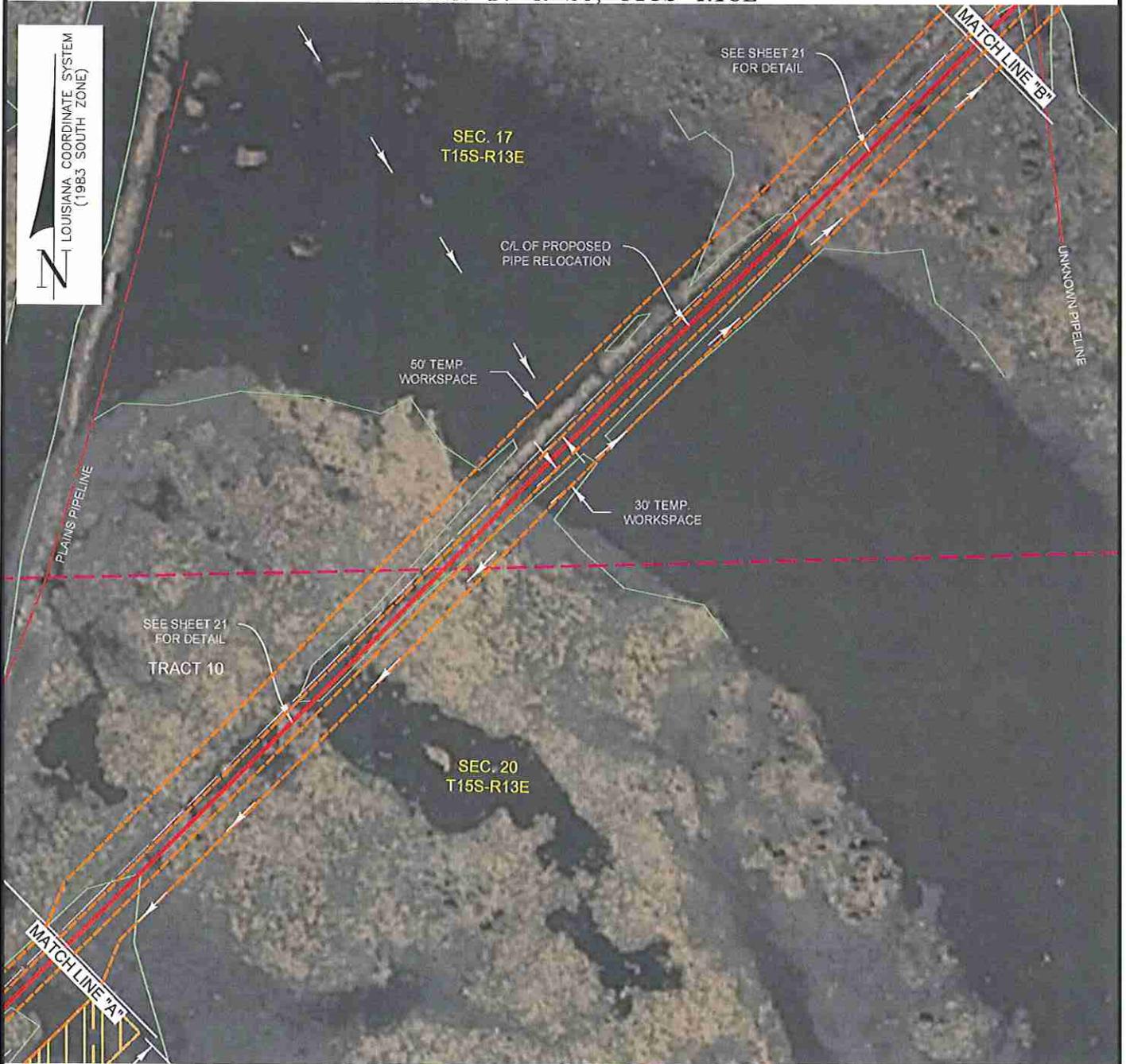
PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
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DATE: 10-17-14
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PLAQUEMINES PARISH, LOUISIANA
SECTION 17 & 20, T15S-R13E

LOUISIANA COORDINATE SYSTEM
(1983 SOUTH ZONE)



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(X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



EXISTING PIPELINE TO BE REPLACED

SHEET 5

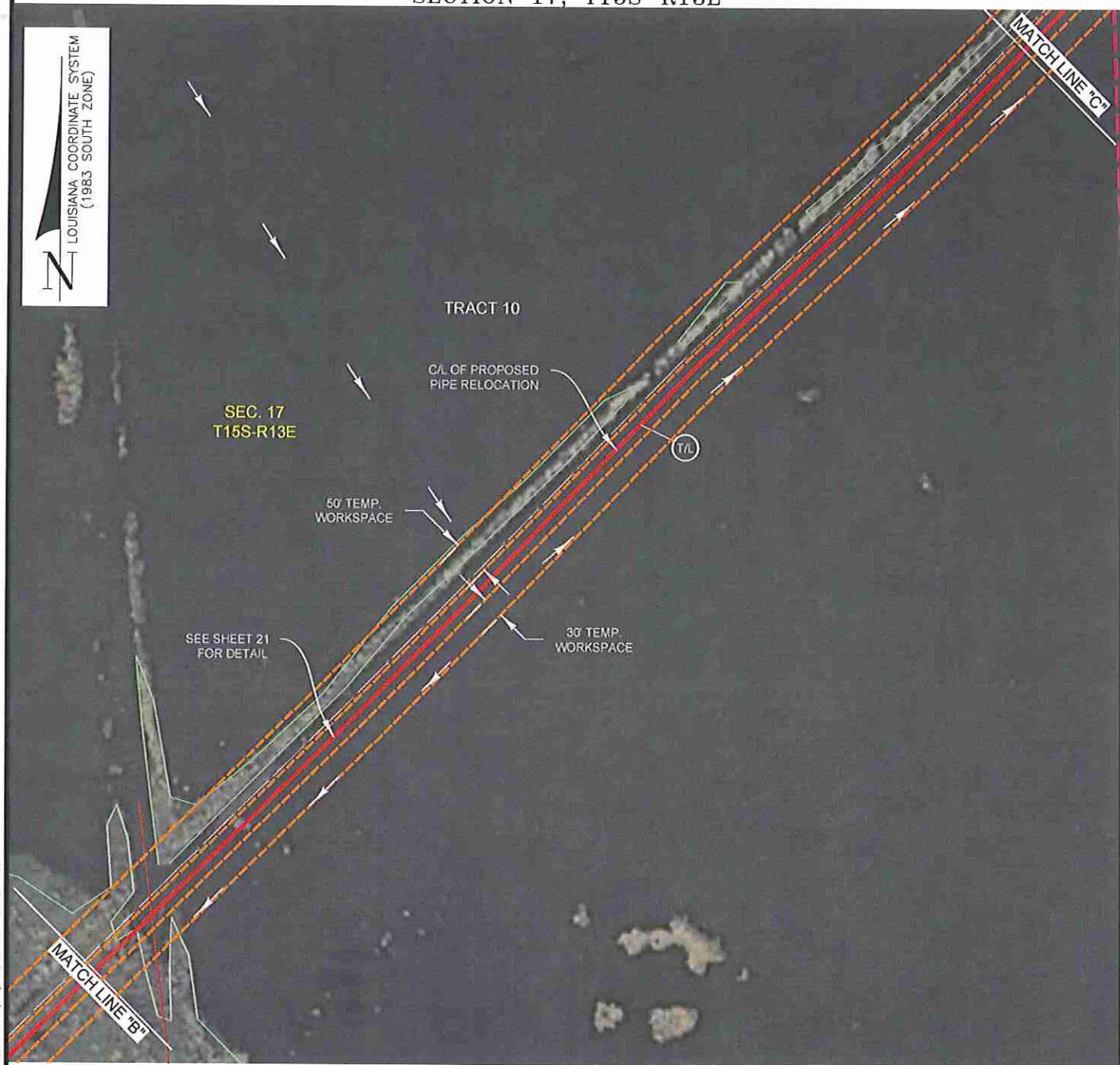
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COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
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PLAQUEMINES PARISH, LOUISIANA
SECTION 17, T15S-R13E



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(X.X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



← DENOTES ACCESS

--- EXISTING PIPELINE TO BE REPLACED

SHEET 6

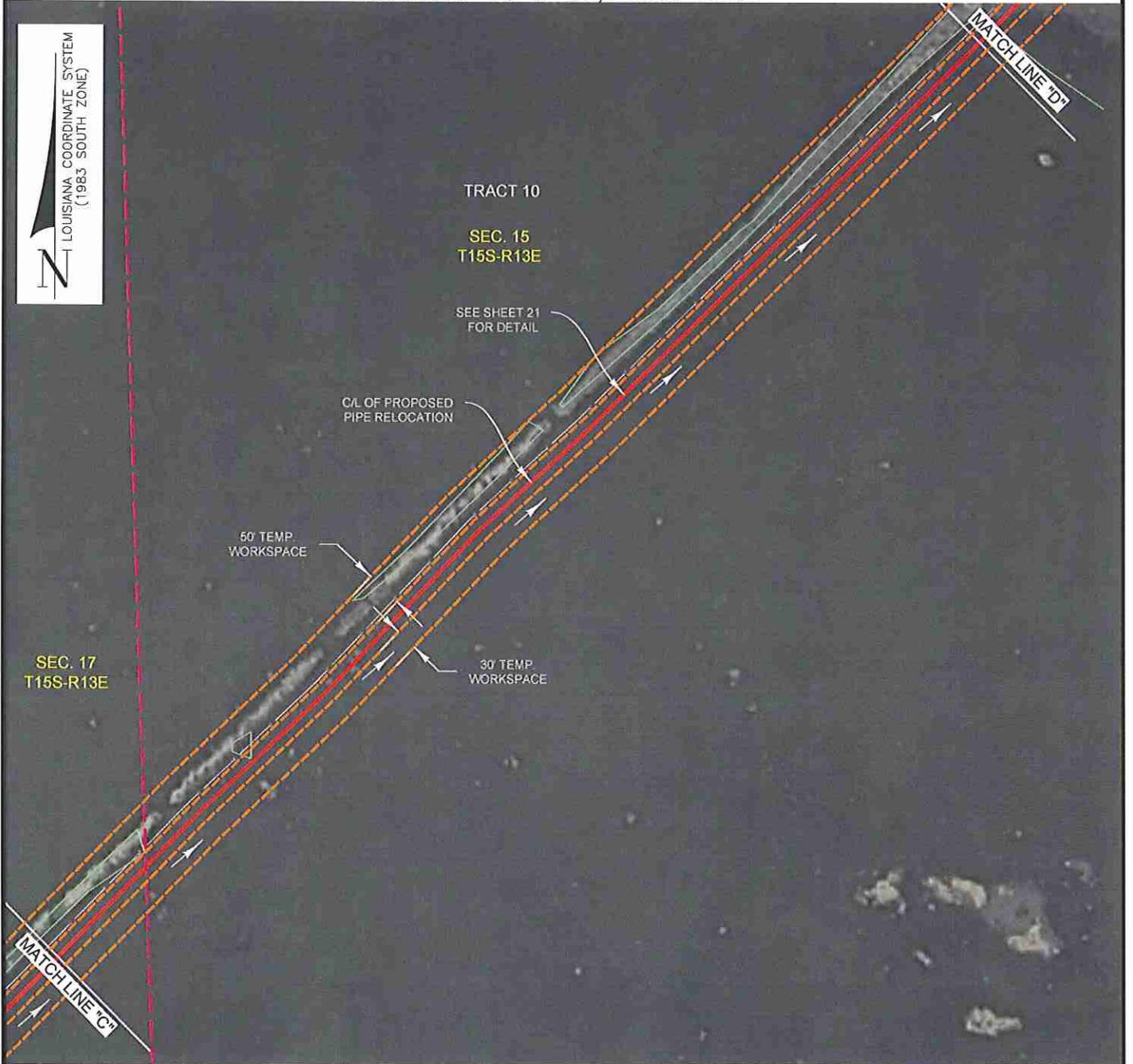
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COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
DATE: 10-17-14
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PLAQUEMINES PARISH, LOUISIANA
SECTION 15 & 17, T15S-R13E



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(X.X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



← DENOTES ACCESS

--- EXISTING PIPELINE TO BE REPLACED

SHEET 7

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
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PLAQUEMINES PARISH, LOUISIANA
SECTION 15, T15S-R13E



(XX) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



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EXISTING PIPELINE TO BE REPLACED

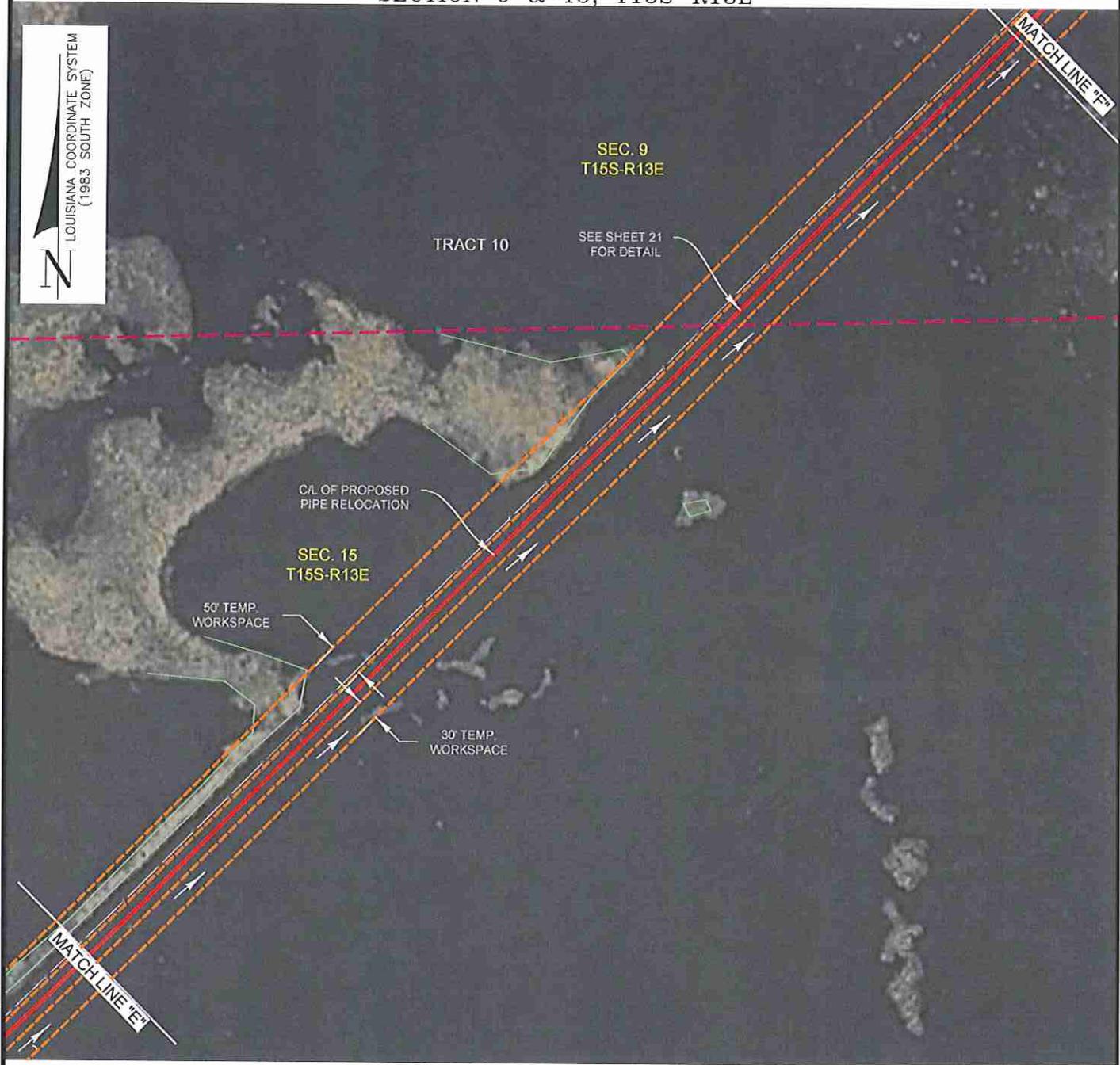
SHEET 8

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PLAQUEMINES PARISH, LOUISIANA
SECTION 9 & 15, T15S-R13E

LOUISIANA COORDINATE SYSTEM
(1983 SOUTH ZONE)



(X.X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS
 ——— EXISTING PIPELINE TO BE REPLACED

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



SHEET 9

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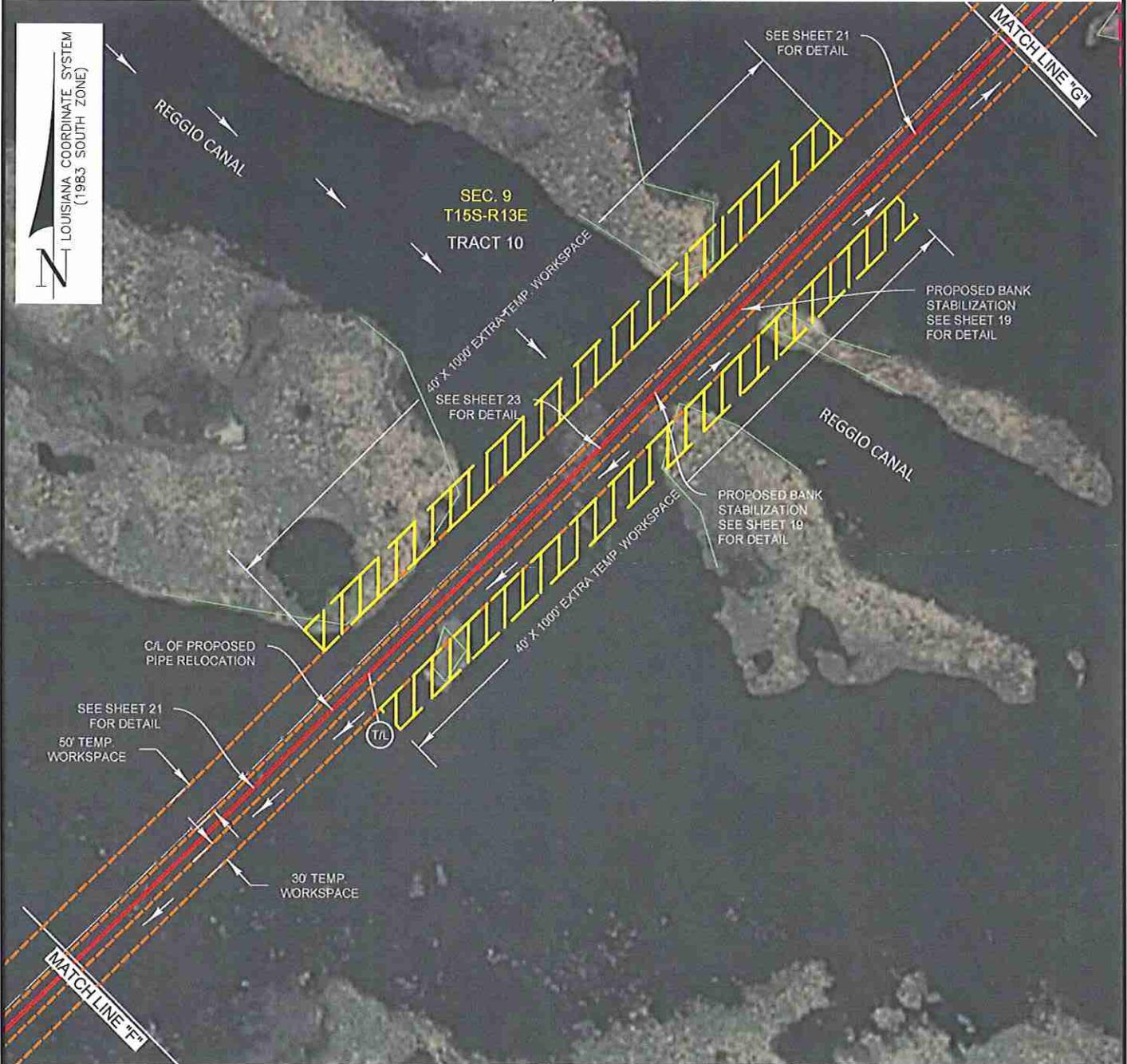
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COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
 DRAWN: GWN
 SCALE: AS SHOWN
 DATE: 10-17-14
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PLAQUEMINES PARISH, LOUISIANA
SECTION 9, T15S-R13E



(X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



EXISTING PIPELINE TO BE REPLACED

SHEET 10

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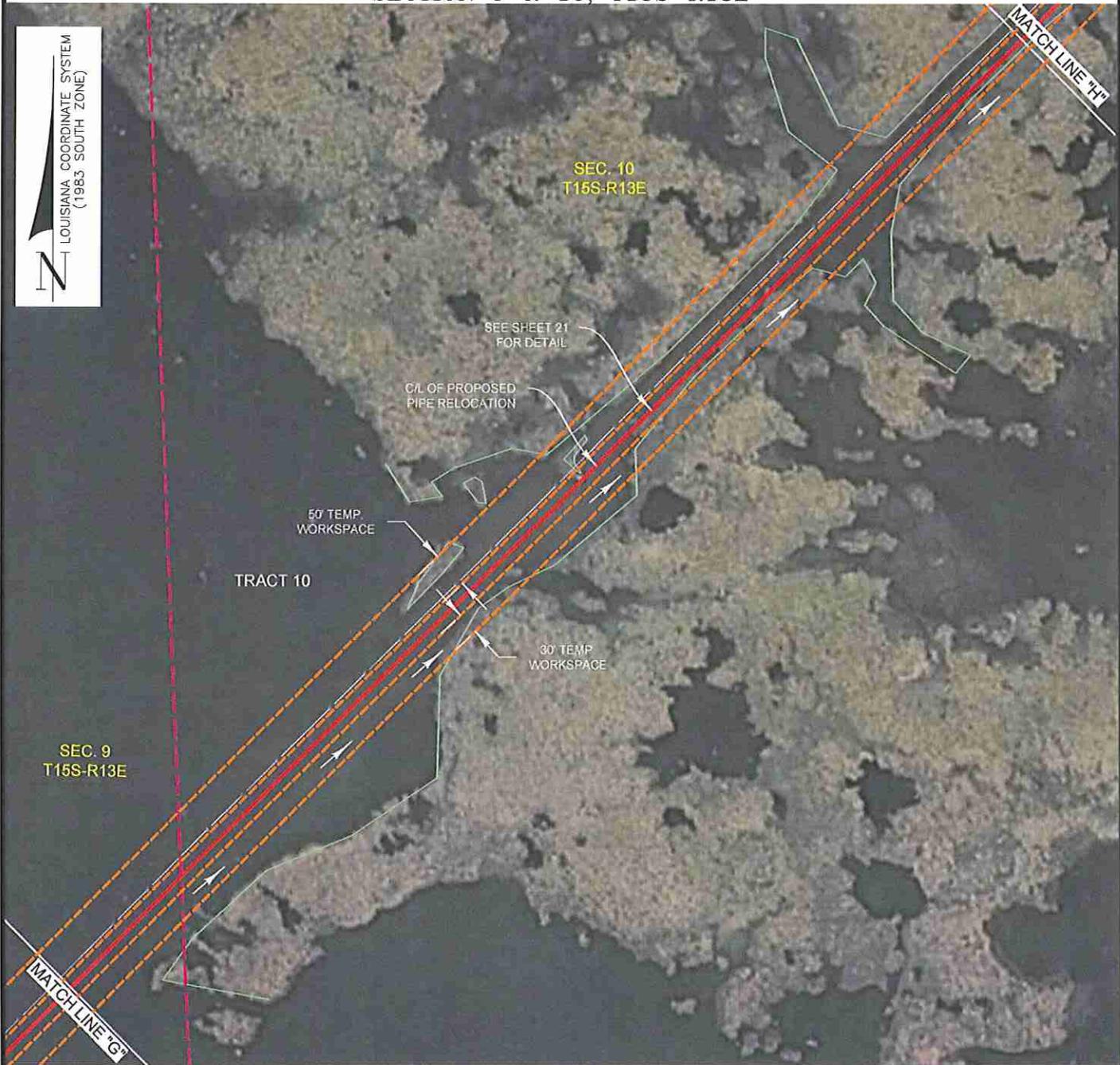
COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
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SCALE: AS SHOWN
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PLAQUEMINES PARISH, LOUISIANA
SECTION 9 & 10, T15S-R13E



(X.X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



— — — — — EXISTING PIPELINE TO BE REPLACED

SHEET 11

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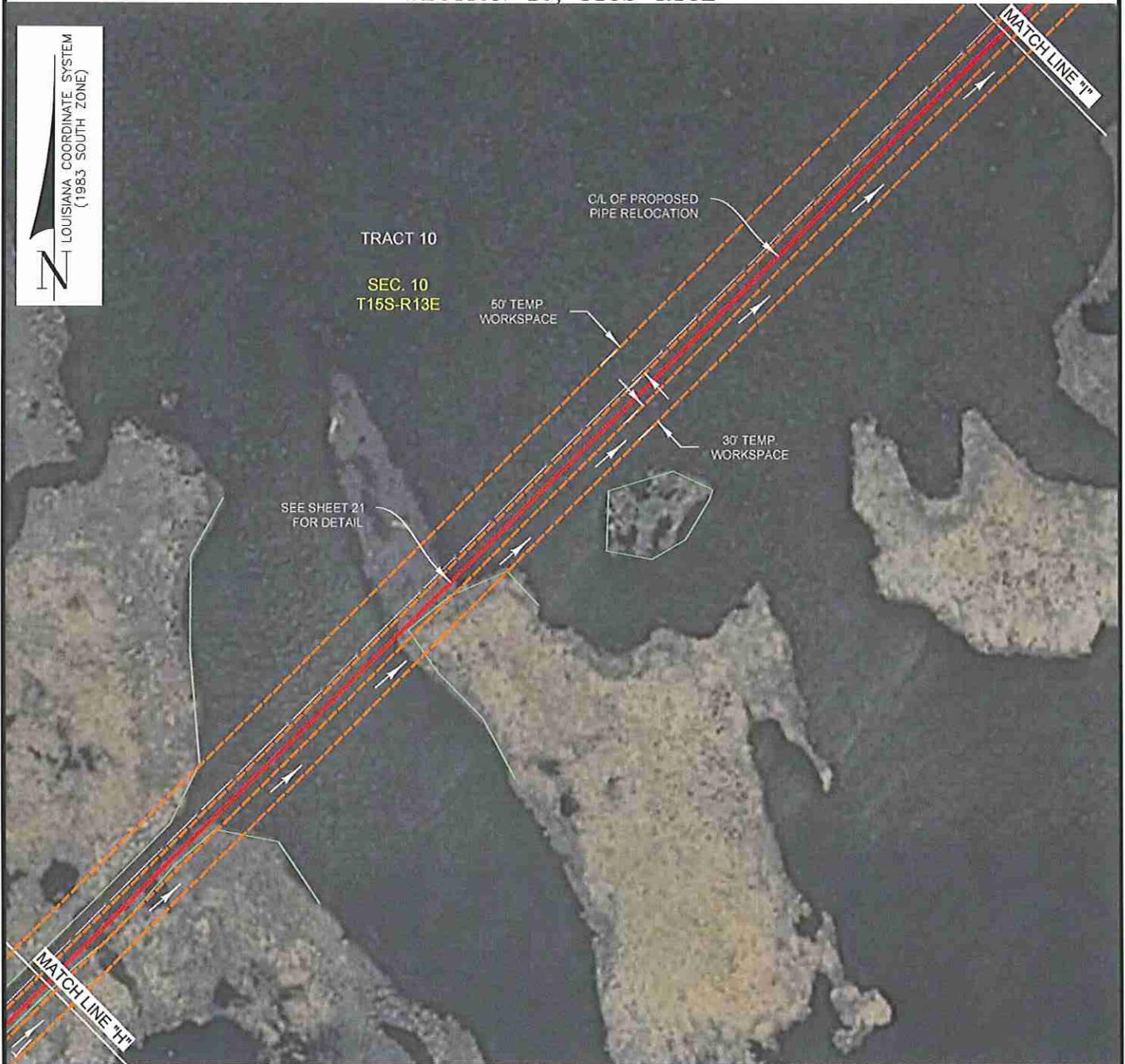
COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
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PLAQUEMINES PARISH, LOUISIANA
SECTION 10, T15S-R13E



(XX) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

--- EXISTING PIPELINE TO BE REPLACED

PLAN VIEW

GRAPHIC SCALE



NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 12

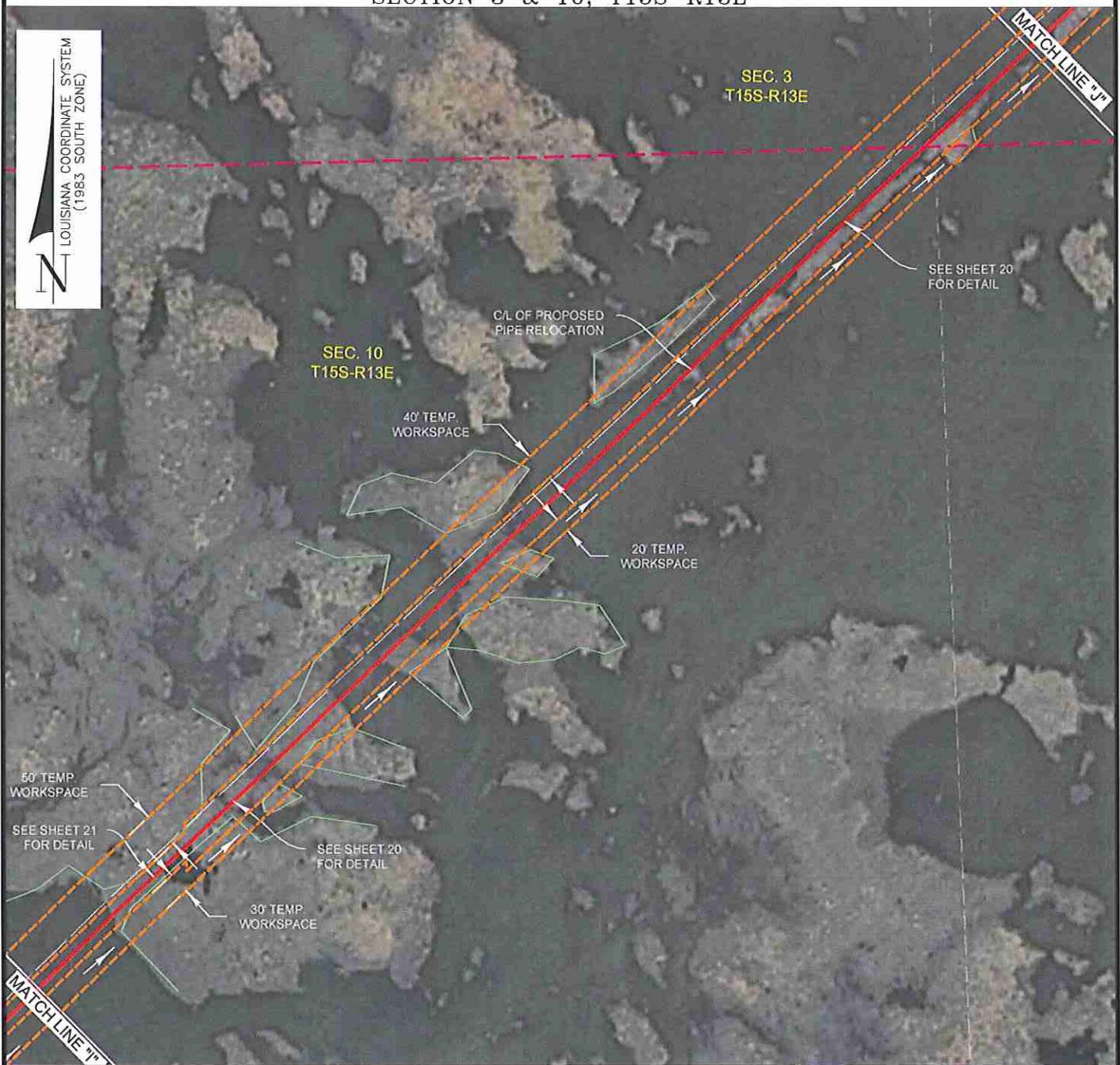
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COLONIAL PIPELINE COMPANY	
PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
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PLAQUEMINES PARISH, LOUISIANA
SECTION 3 & 10, T15S-R13E



(X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

PLAN VIEW

EXISTING PIPELINE TO BE REPLACED

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.



SHEET 13

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	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
DATE: 10-17-14
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PLAQUEMINES PARISH, LOUISIANA
SECTION 2, T15S-R13E



SEC. 2
T15S-R13E

CL OF PROPOSED
PIPE RELOCATION

40' TEMP
WORKSPACE

20' TEMP
WORKSPACE

SEE SHEET 20
FOR DETAIL

MATCH LINE "L"

MATCH LINE "K"

(XX) DENOTES SOUNDINGS
REFERENCED TO LOW TIDE

← DENOTES ACCESS

NOTE: THESE DRAWINGS ARE TO
BE USED EXCLUSIVELY FOR THE
ACQUISITION OF REGULATORY
PERMITS.

PLAN VIEW

GRAPHIC SCALE



EXISTING PIPELINE
TO BE REPLACED

SHEET 15

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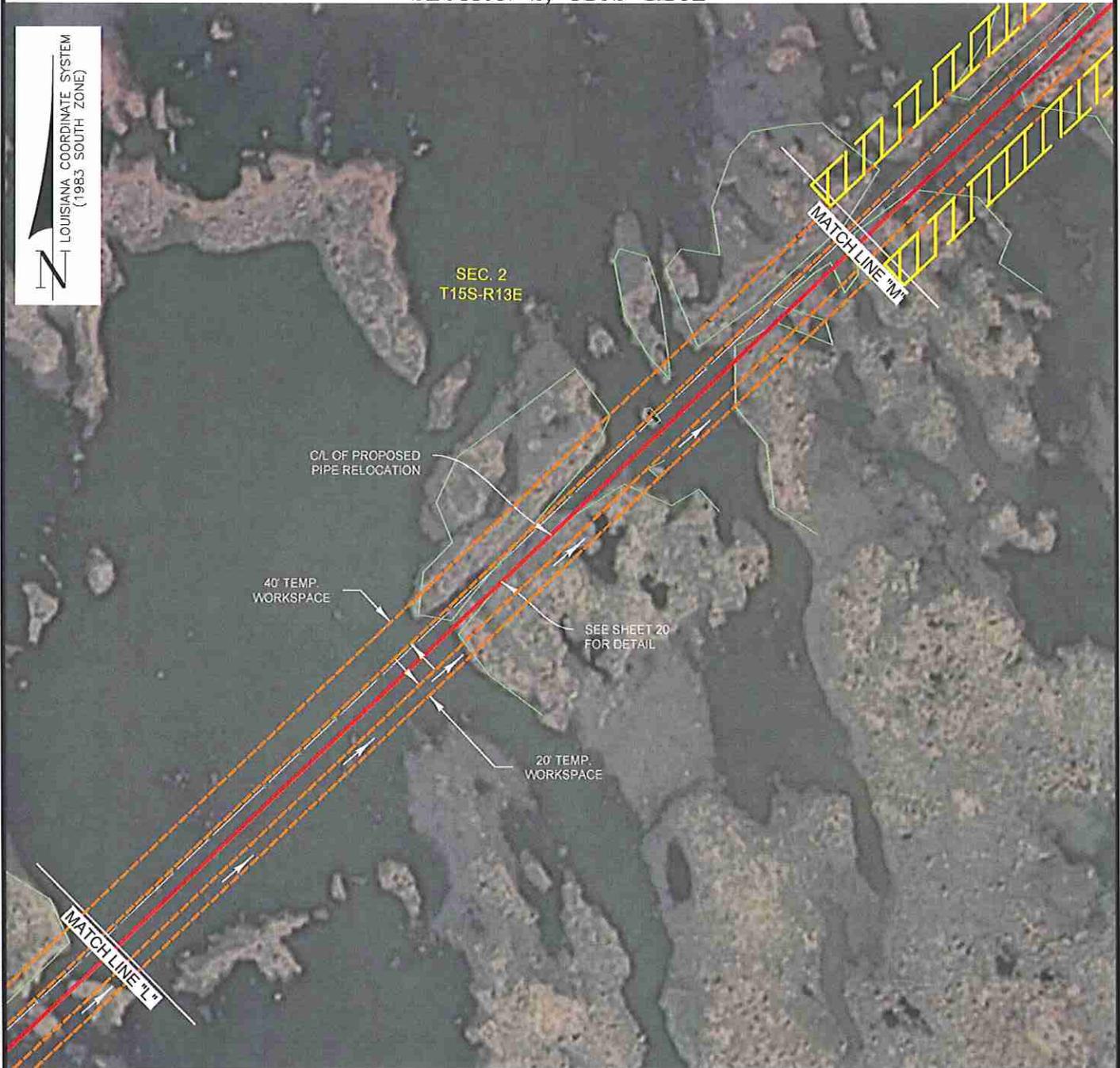
COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
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SCALE: AS SHOWN
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PLAQUEMINES PARISH, LOUISIANA
SECTION 2, T15S-R13E



(X.X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



← DENOTES ACCESS

EXISTING PIPELINE TO BE REPLACED

SHEET 16

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	REVISION	DATE

COLONIAL PIPELINE COMPANY

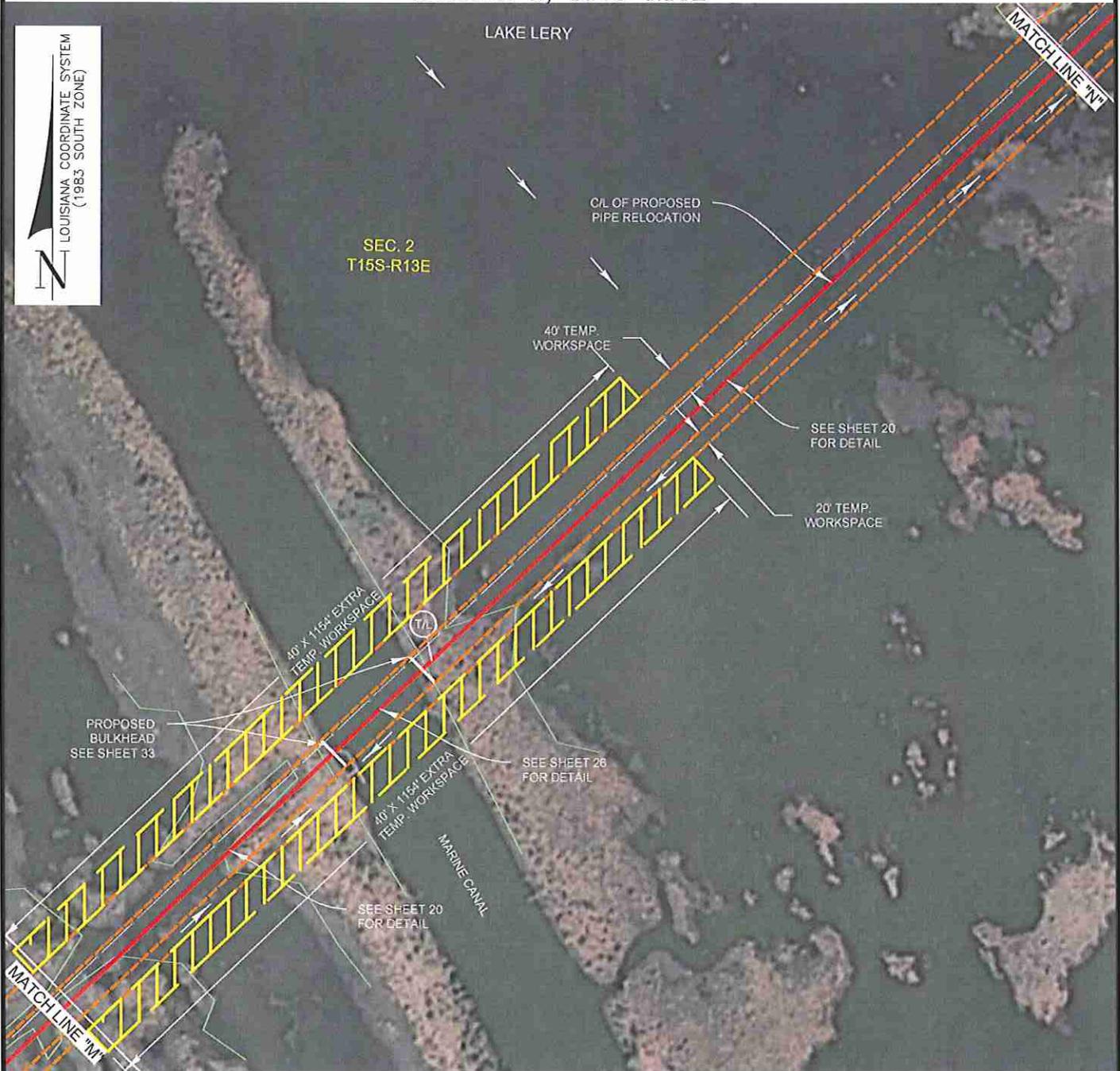
PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: GWN
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PLAQUEMINES PARISH, LOUISIANA

SECTION 2, T15S-R13E



(X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

← DENOTES ACCESS

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PLAN VIEW

GRAPHIC SCALE

— — — — —
EXISTING PIPELINE TO BE REPLACED



SHEET 17

COLONIAL PIPELINE COMPANY

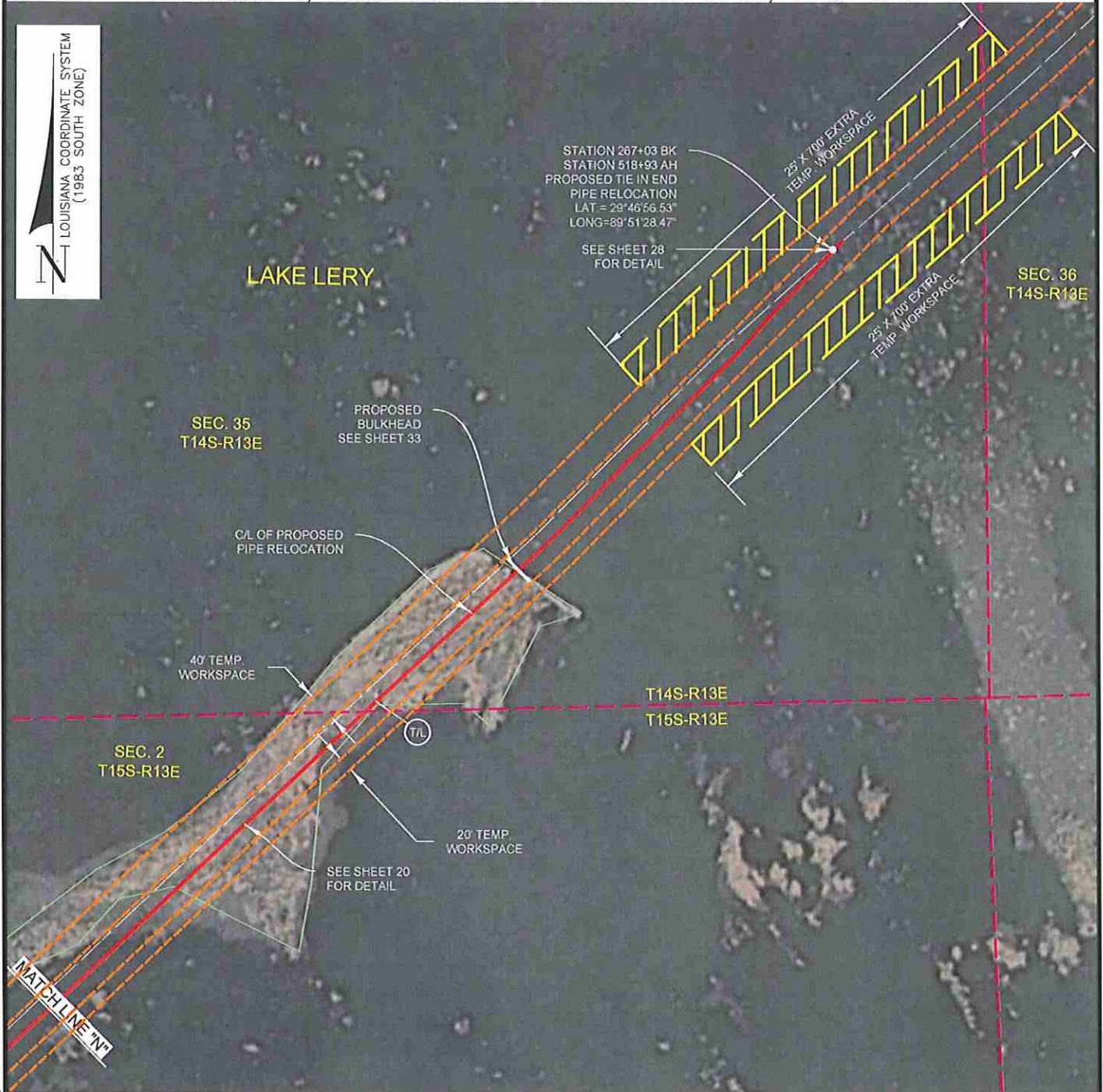
PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
DATE: 10-17-14
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PLAQUEMINES PARISH, LOUISIANA
SECTION 2, T15S-R13E AND SECTION 35 & 36, T14S-R13E



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(X) DENOTES SOUNDINGS REFERENCED TO LOW TIDE
NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PLAN VIEW

GRAPHIC SCALE



← DENOTES ACCESS

--- EXISTING PIPELINE TO BE REPLACED

SHEET 18

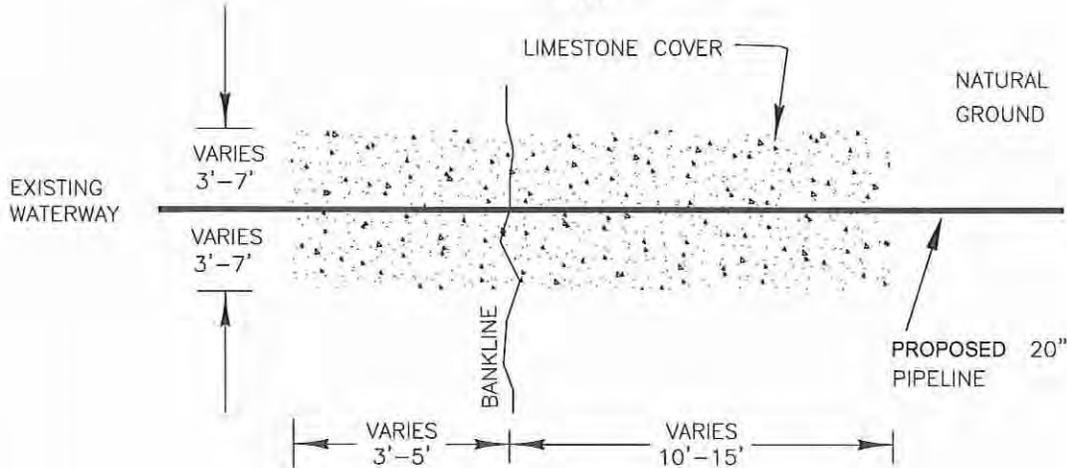
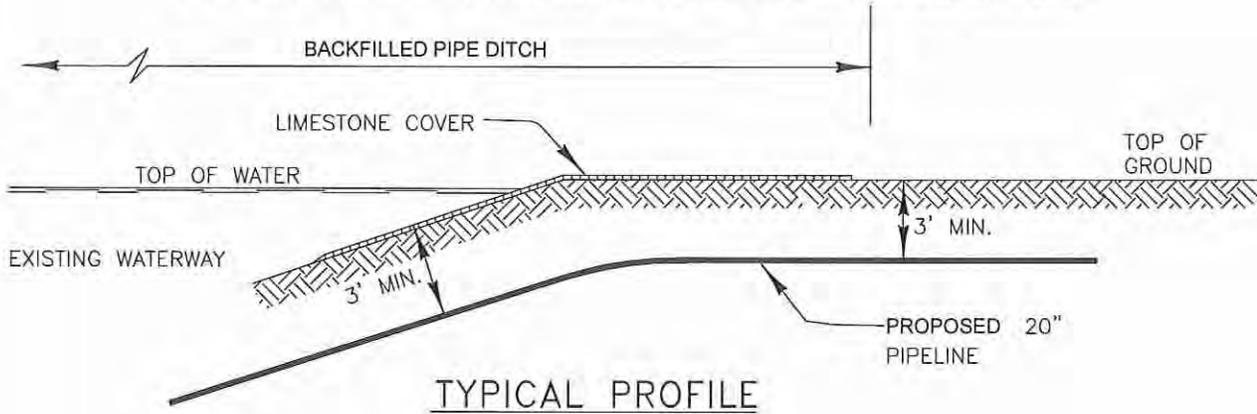
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	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
DATE: 10-17-14
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APPROXIMATELY 125 CUBIC YARDS (MAX.) OF MATERIAL TO BE PLACED OVER BACKFILLED PIPE DITCH TO PROVIDE STABILIZATION ALONG DISTURBED BANKLINE.



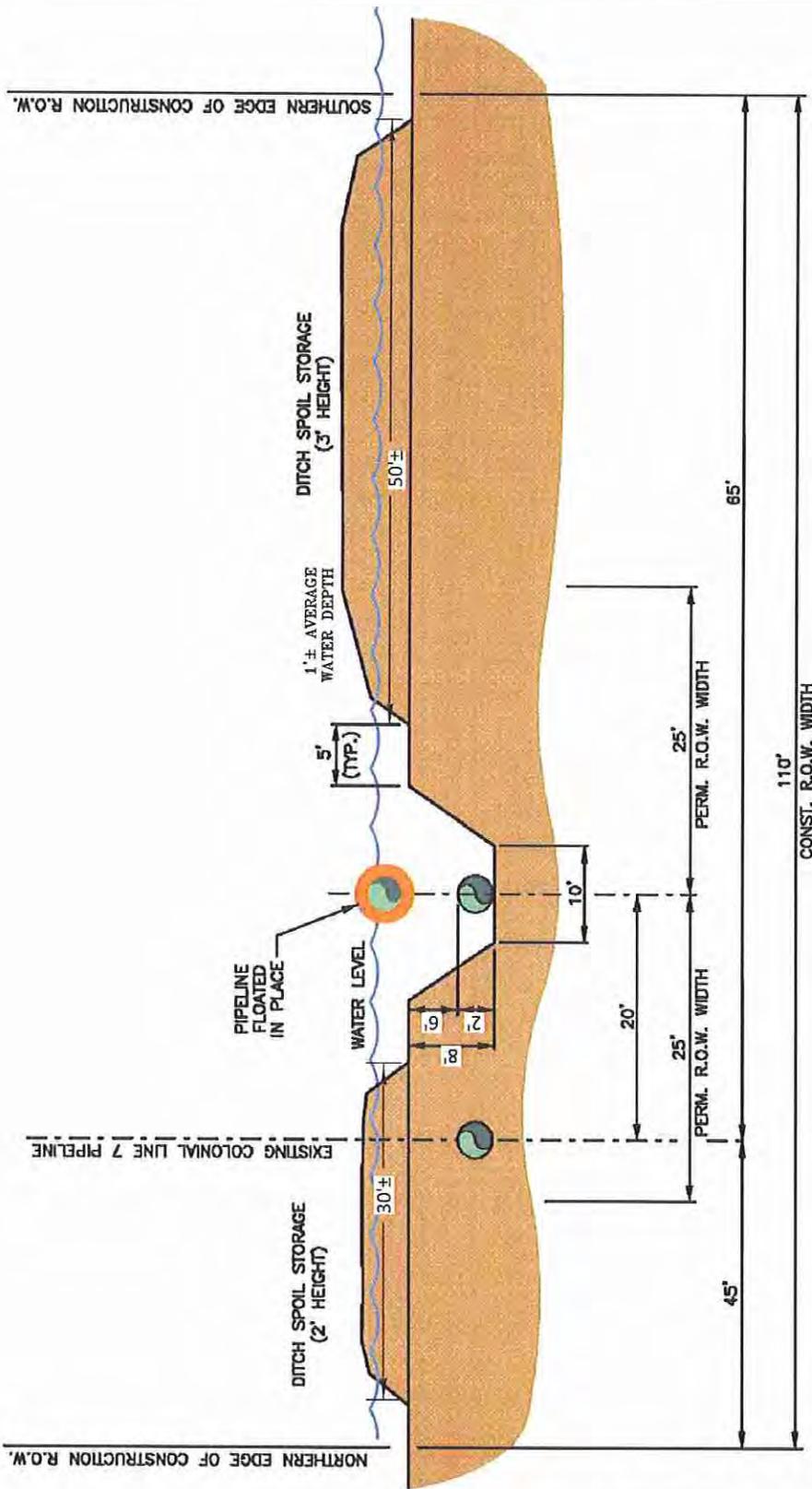
TYPICAL BANK STABILIZATION

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 19

W:\dwg\12001\Permit\12001COE0019A0.dwg PLOT DATE: 5/26/2015 4:23:15 PM

△			COLONIAL PIPELINE COMPANY PROPOSED 20" PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	DESIGN: MPH, Inc.
△				DRAWN: GWN
△				SCALE: N.T.S.
△				DATE: 10-22-14
△				12001COE0019A0.dwg
	REVISION	DATE		12001COE0019A0



NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

7,953' TOTAL MARSH DITCH DETAIL

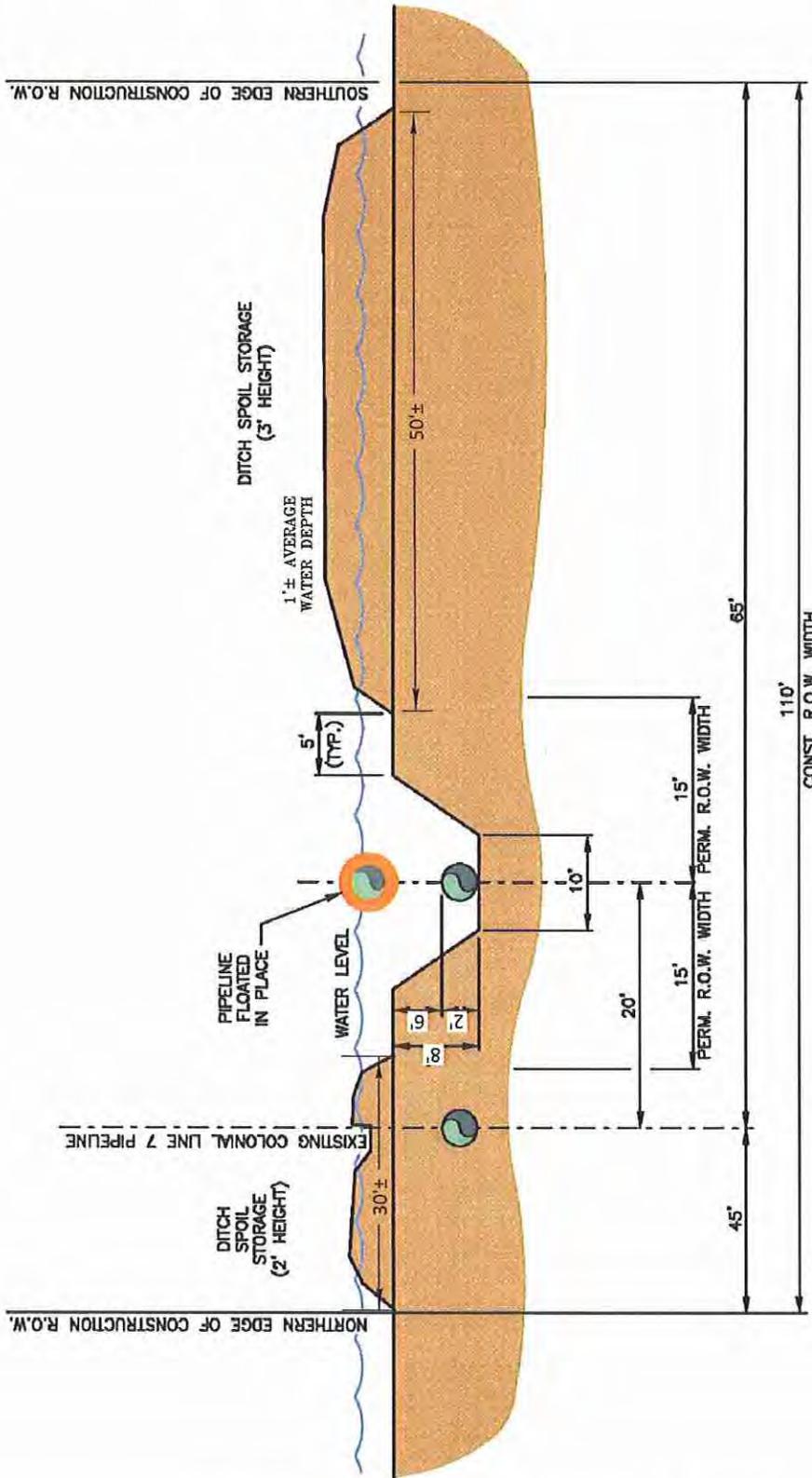
SHEET 20

△		
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	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
12001COE0020A0.dwg
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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 21 MARSH DITCH DETAIL (TRACT 10)

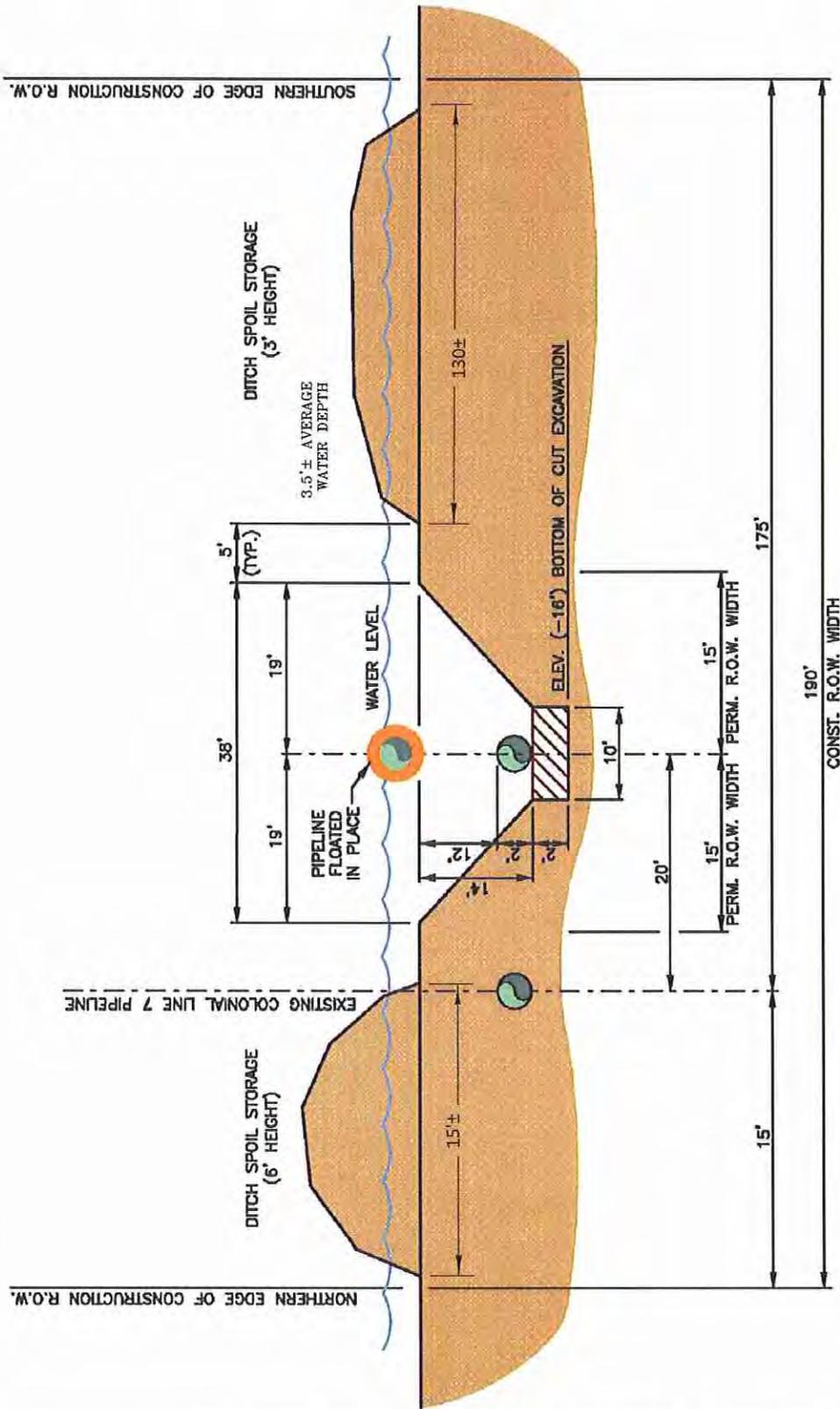
13,868' TOTAL

△		
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	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

TOTAL INCLUDED INTO SHEET 27
MANUEL CANAL CROSSING DETAIL

SHEET 22

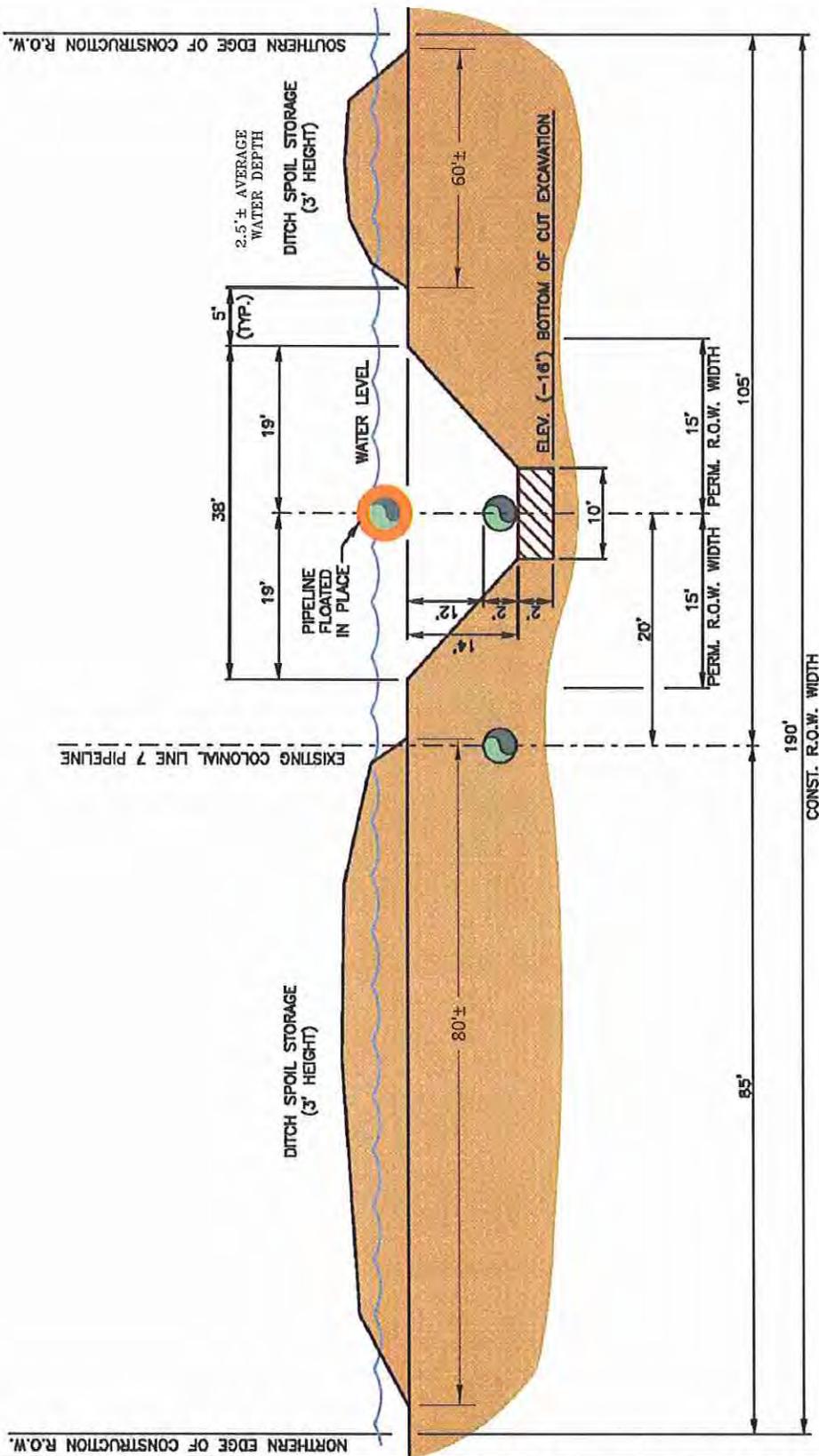
REVISION	DATE
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COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 10-22-14
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12001COE0022A0

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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

1,000' TOTAL
REGGIO CANAL CROSSING DETAIL

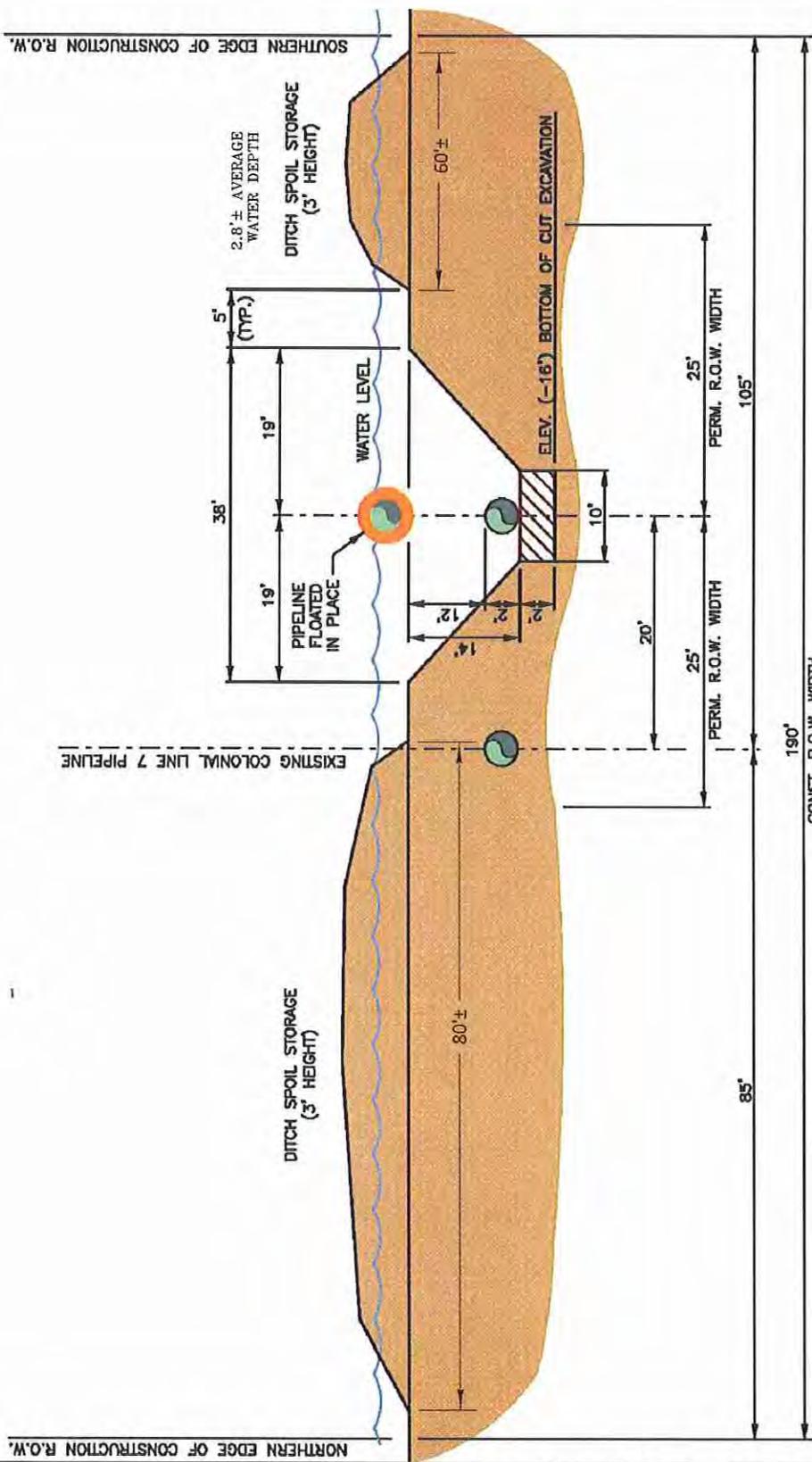
SHEET 23

REVISION	DATE
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COLONIAL PIPELINE COMPANY
 PROPOSED 20" PIPELINE REPLACEMENT
 20" LINE 7 PIPELINE
 LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

544' TOTAL
 CUL-DE-SAC SOUTHWEST SIDE
 OF CANAL CROSSING DETAIL

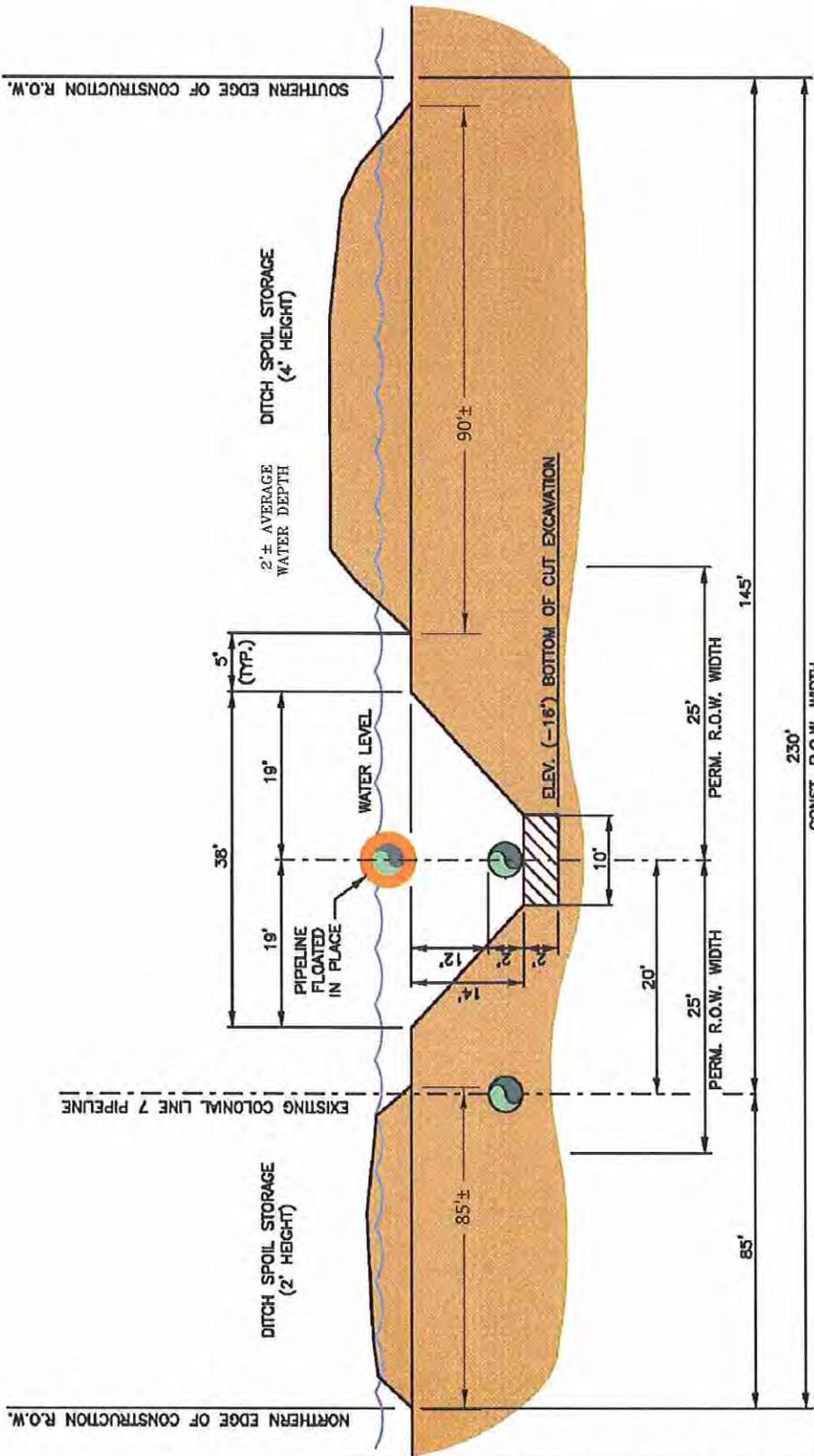
SHEET 24

△		
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△		
	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
 20" LINE 7 PIPELINE
 LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
12001COE0024A0.dwg
12001COE0024A0



NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

345' TOTAL
CUL-DE-SAC NORTHEAST SIDE
OF CANAL CROSSING DETAIL

SHEET 25

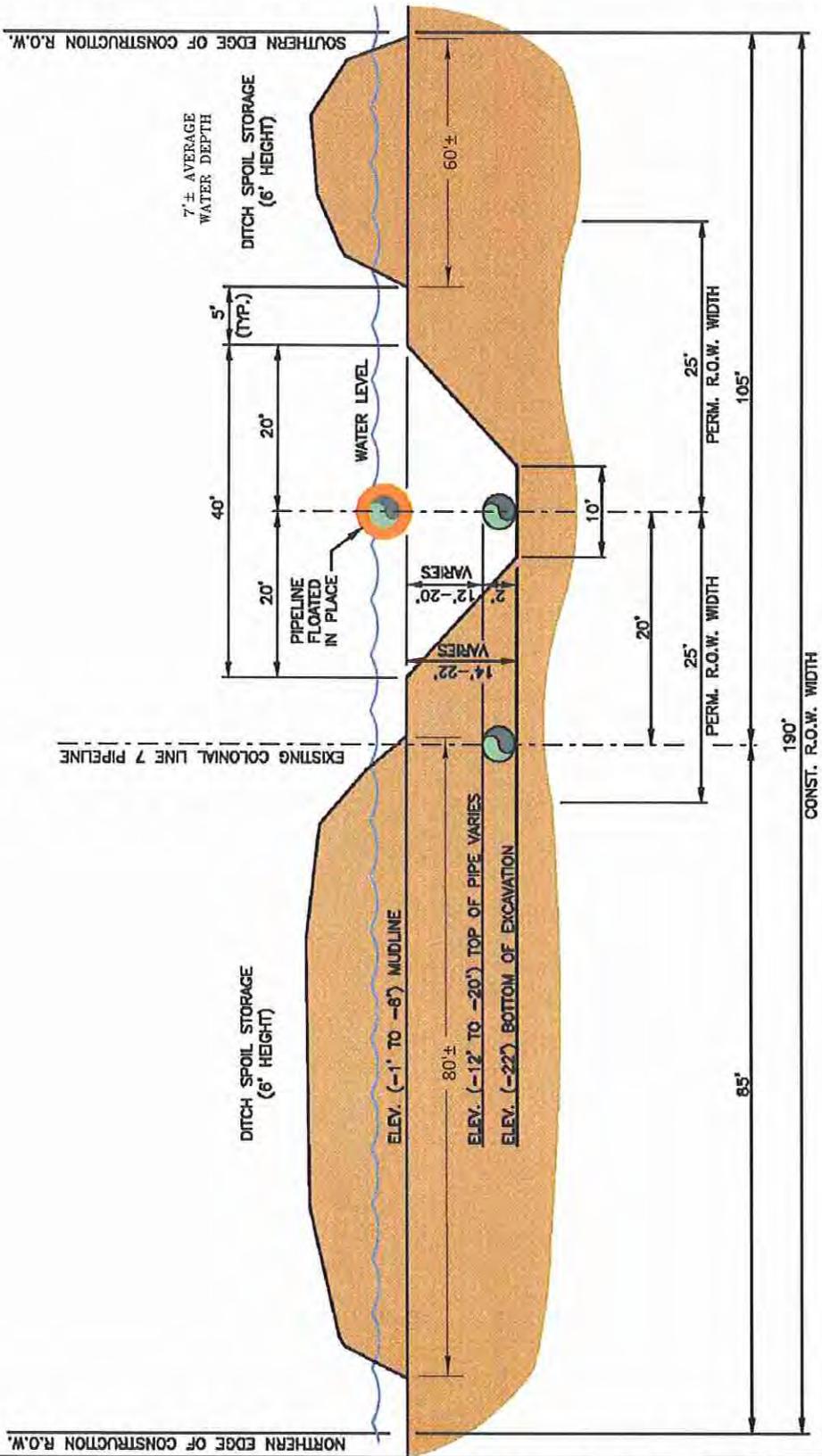
REVISION	DATE
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COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
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12001COE0025A0

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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

1154' TOTAL
MARINE CANAL CROSSING DETAIL

SHEET 26

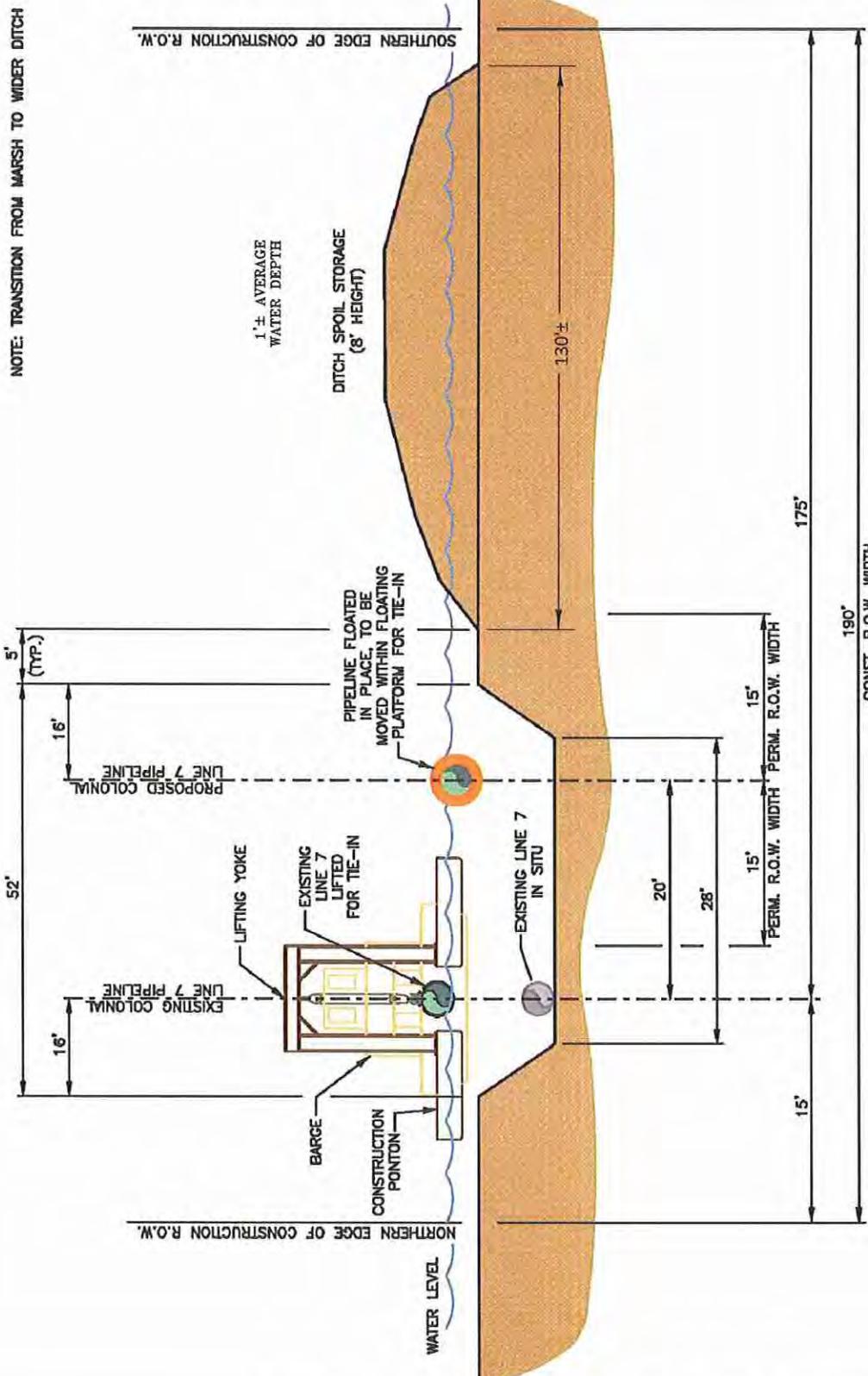
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	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
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12001COE0026A0

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NOTE: TRANSITION FROM MARSH TO WIDER DITCH

1'± AVERAGE WATER DEPTH

DITCH SPOIL STORAGE (8' HEIGHT)

PIPELINE FLOATED IN PLACE, TO BE MOVED WITHIN FLOATING PLATFORM FOR TIE-IN

LIFTING YOKE

EXISTING LINE 7 LIFTED FOR TIE-IN

EXISTING LINE 7 IN SITU

EXISTING COLONIAL LINE 7 PIPELINE

PROPOSED COLONIAL LINE 7 PIPELINE

NORTHERN EDGE OF CONSTRUCTION R.O.W.

SOUTHERN EDGE OF CONSTRUCTION R.O.W.

WATER LEVEL

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

1,812' TOTAL INCLUDING 302' PAST TIE-IN
PIPE DITCH DETAIL AT UPSTREAM TIE-IN

SHEET 27

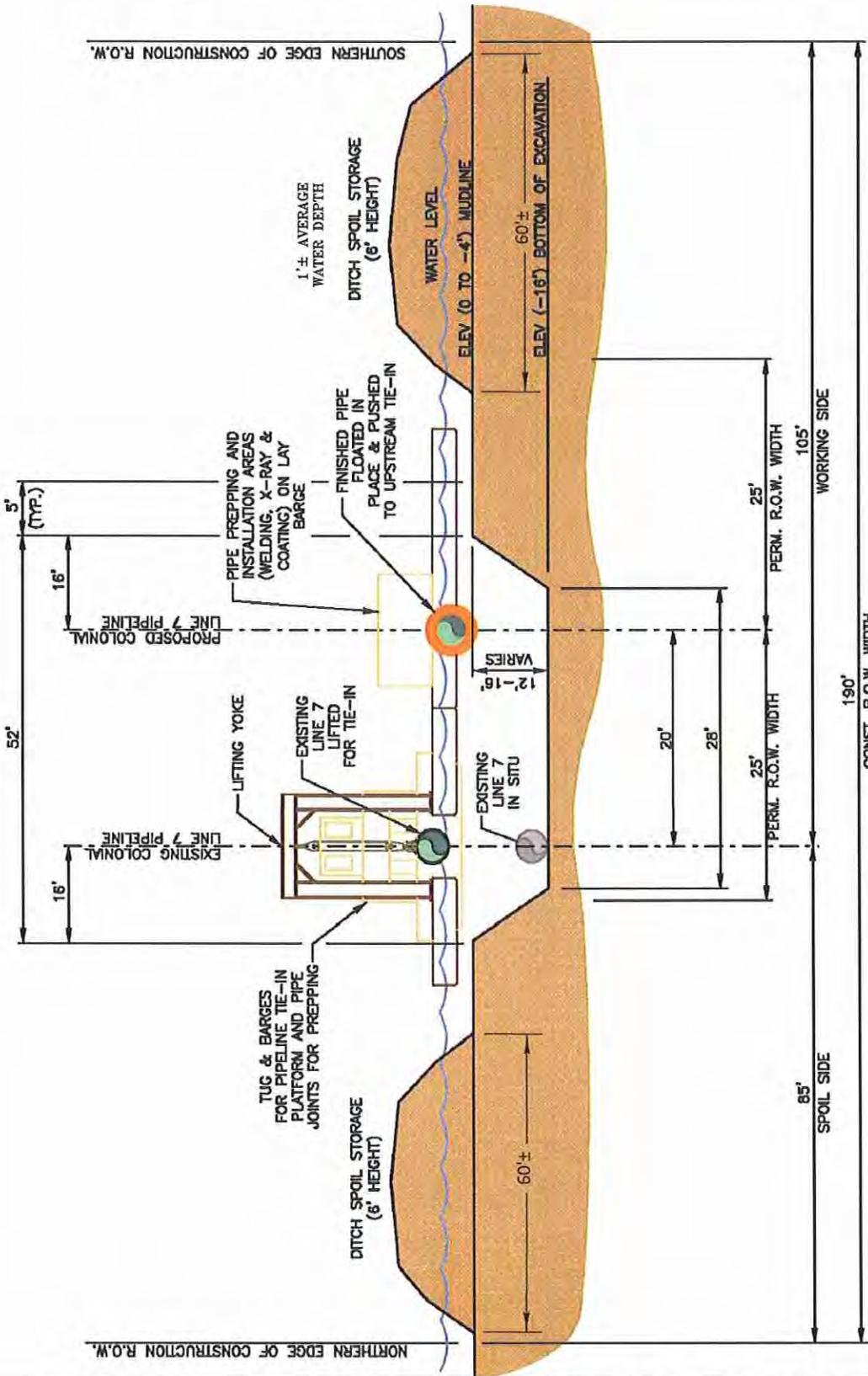
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	REVISION	DATE

COLONIAL PIPELINE COMPANY

PROPOSED 20" PIPELINE REPLACEMENT
20" LINE 7 PIPELINE
LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
DRAWN: OTHERS
SCALE: N.T.S.
DATE: 12/05/14
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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 28 697' TOTAL INCLUDING 368' PAST TIE-IN PIPE DITCH DETAIL AT DOWNSTREAM TIE-IN

△		
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△		
	REVISION	DATE

COLONIAL PIPELINE COMPANY
 PROPOSED 20" PIPELINE REPLACEMENT
 20" LINE 7 PIPELINE
 LOCATED IN PLAQUEMINES PARISH, LA

DESIGN: MPH, Inc.
 DRAWN: OTHERS
 SCALE: N.T.S.
 DATE: 12/05/14
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 12001COE0028A0

GENERAL NOTES

GENERAL NOTES

1. COLONIAL PIPELINE SHALL COMPLY WITH ALL APPLICABLE STATE LAWS REGARDING THE NEED TO CONTACT THE LOUISIANA 1 CALL SYSTEM (1-800-272-3020) TO LOCATE ANY BURIED CABLES & PIPELINES.
2. AN ON-THE-GROUND EFFORT HAS BEEN MADE TO LOCATE AND INDICATE ALL BELOW GROUND FERROUS METAL CABLES, PIPELINES, UTILITIES, ETC. CROSSED BY THE PROPOSED PROJECT; HOWEVER, DUE TO THE INHERENT LIMITATIONS OF ELECTRONIC MAGNETIC LOCATING EQUIPMENT, MORRIS P. HEBERT, INC. IS NOT RESPONSIBLE FOR ANY CABLES, PIPELINES UTILITIES OR ANY OTHER BELOW GROUND STRUCTURES (INCLUDING PVC) NOT LOCATED DURING THE COURSE OF THE SURVEY.
3. THIS PLAT WAS PREPARED FOR PERMITTING PURPOSES ONLY, AND IS NOT A PROPERTY BOUNDARY SURVEY AND AS SUCH DOES NOT COMPLY WITH THE MOST RECENT "STANDARDS OF PRACTICE FOR PROPERTY BOUNDARY SURVEYS" AS ADOPTED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD.
4. EXISTING 20" PIPELINE BEING REPLACED WILL BE REMOVED UPON SUCCESSFUL INSTALLATION OF NEW PIPELINE. A SEPARATE DNR/COE APPLICATION WILL BE SUBMITTED FOR REMOVAL OF THE ABANDONED 20" PIPELINE.

CZM NOTES

1. ALL STRUCTURES, FACILITIES, WELL, AND PIPELINES/FLOWLINES OCCURRING IN OPEN WATER AREAS OR IN OILFIELD CANALS OR SLIPS SHALL BE REMOVED WITHIN 120 DAYS OF ABANDONMENT OF THE FACILITIES FOR THE HEREIN PERMITTED USE, UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE COASTAL MANAGEMENT DIVISION. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED, FOR SUCH REMOVAL ACTIVITIES.
2. AS-BUILT DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, COASTAL MANAGEMENT DIVISION, P.O. BOX 44487, BATON ROUGE, LA. 70804-4487.
3. STRUCTURES WILL BE MARKED/LIGHTED IN ACCORDANCE WITH U.S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE-CALL SYSTEM (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 29

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: GWN
△			PROPOSED LINE REPLACEMENT	SCALE: N.T.S.
△			20" LINE 7 PIPELINE	DATE: 10-13-14
△			LOCATED IN PLAQUEMINES PARISH, LA	12001COE0029A0.dwg
	REVISION	DATE		12001COE0029A0

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EXCAVATION/FILL CHART & EQUIPMENT LIST

EXCAVATIONS:		
CLASSIFICATION	CUBIC YARDS	ACREAGE
VEGETATED WATERBOTTOMS:	N/A	N/A
NON-VEGETATED WATERBOTTOMS:	153,657	95.25
WETLANDS (MARSH):	14,380	8.91
NON-WET AREAS:	N/A	N/A
CANAL CROSSING AREAS:	11,752	7.28
FILL AREAS:		
CLASSIFICATION	CUBIC YARDS	ACREAGE
VEGETATED WATERBOTTOMS:	N/A	N/A
NON-VEGETATED WATERBOTTOMS:	153,657	34.66
WETLANDS (MARSH):	14,380	14.38
NON-WET AREAS:	N/A	N/A
CANAL CROSSING AREAS:	11,752	7.28
ROCK (RIP/RAP):	750	
FILL MATERIALS:		
CLASSIFICATION	CUBIC YARDS	
CONCRETE:	N/A	
CRUSHED STONE OR GRAVEL:	N/A	
NATIVE MATERIAL (CLAY, MUD, SOIL):	179,789	
ROCK (RIP/RAP):	750	
SAND:	N/A	
TOPSOIL/DIRT:	N/A	
OTHER (WOODEN MATS):	N/A	
ADDITIONAL TEMPORARY WORK SPACE		
CLASSIFICATION	ACREAGE	
WETLANDS (MARSH):	3.88	

EQUIPMENT LIST

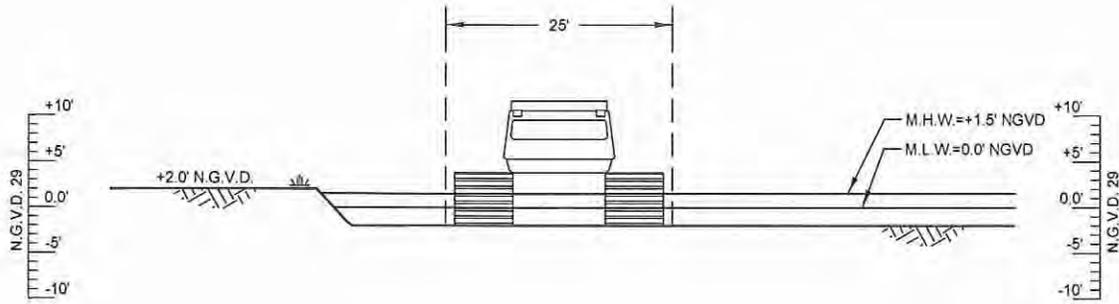
- 2 - 400 HP TUGS (55'x18'x7')(DRAFT 4.5')
- 2 - CARGO BARGES (120'x30'x7')(DRAFT 3')
- 2 - MARSH BUGGY BACKHOES (30'x18'x5')(DRAFT 4')
- 2 - WORK BARGES (16'x8'x2') WITH 40 HP OUTBOARD MOTORS (DRAFT 1.5')
- 1 - 10' x 10' ALUMINUM WORK BOX

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

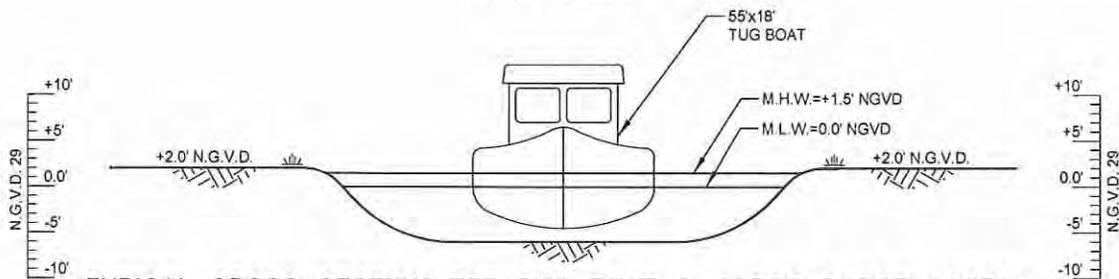
SHEET 30

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: GWN
△				SCALE: N.T.S.
△				DATE: 10-22-14
△	ADD. TEMP. WORK SPACE ACREAGE	2-25-15		12001COE0030A0.dwg
	REVISION	DATE	12001COE0030A0	

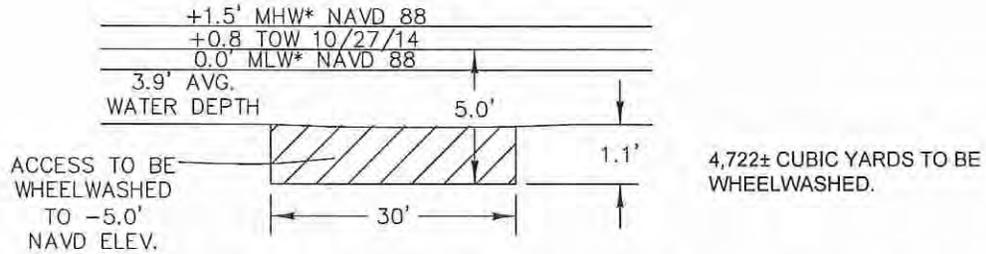
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TYPICAL CROSS SECTION FOR MARSH BUGGY & WORK BARGE ACCESS
SCALE 1"=20'



TYPICAL CROSS SECTION FOR TUG BOAT & CARGO BARGE ACCESS
SCALE 1"=20'



WHEEL WASH CROSS SECTION FOR TUG BOAT & CARGO BARGE ACCESS
N.T.S.

4250'± TO BE WHEEL WASHED (4722± CUBIC YARDS)

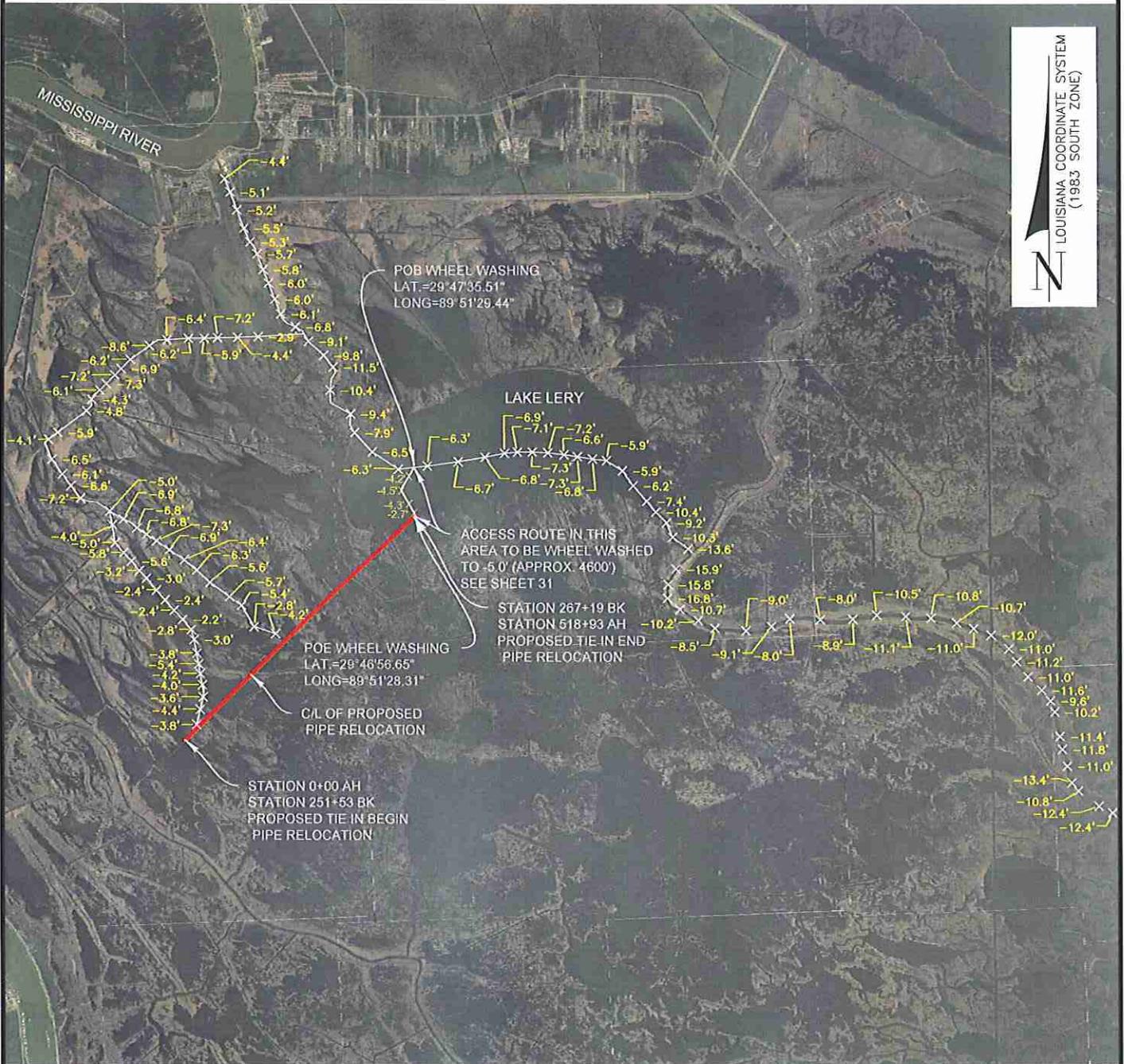
NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 31

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△			COLONIAL PIPELINE COMPANY PROPOSED 20" PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	DESIGN: MPH, Inc.
△				DRAWN: GWN
△				SCALE: AS SHOWN
△				DATE: 10-22-14
△				12001COE0031A0.dwg
	REVISION	DATE		12001COE0031A0

PLAQUEMINES PARISH, LOUISIANA



(XX) DENOTES SOUNDINGS REFERENCED TO LOW TIDE

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

ACCESS PLAN VIEW

GRAPHIC SCALE



SHEET 32

△		
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△		
△		
	REVISION	DATE

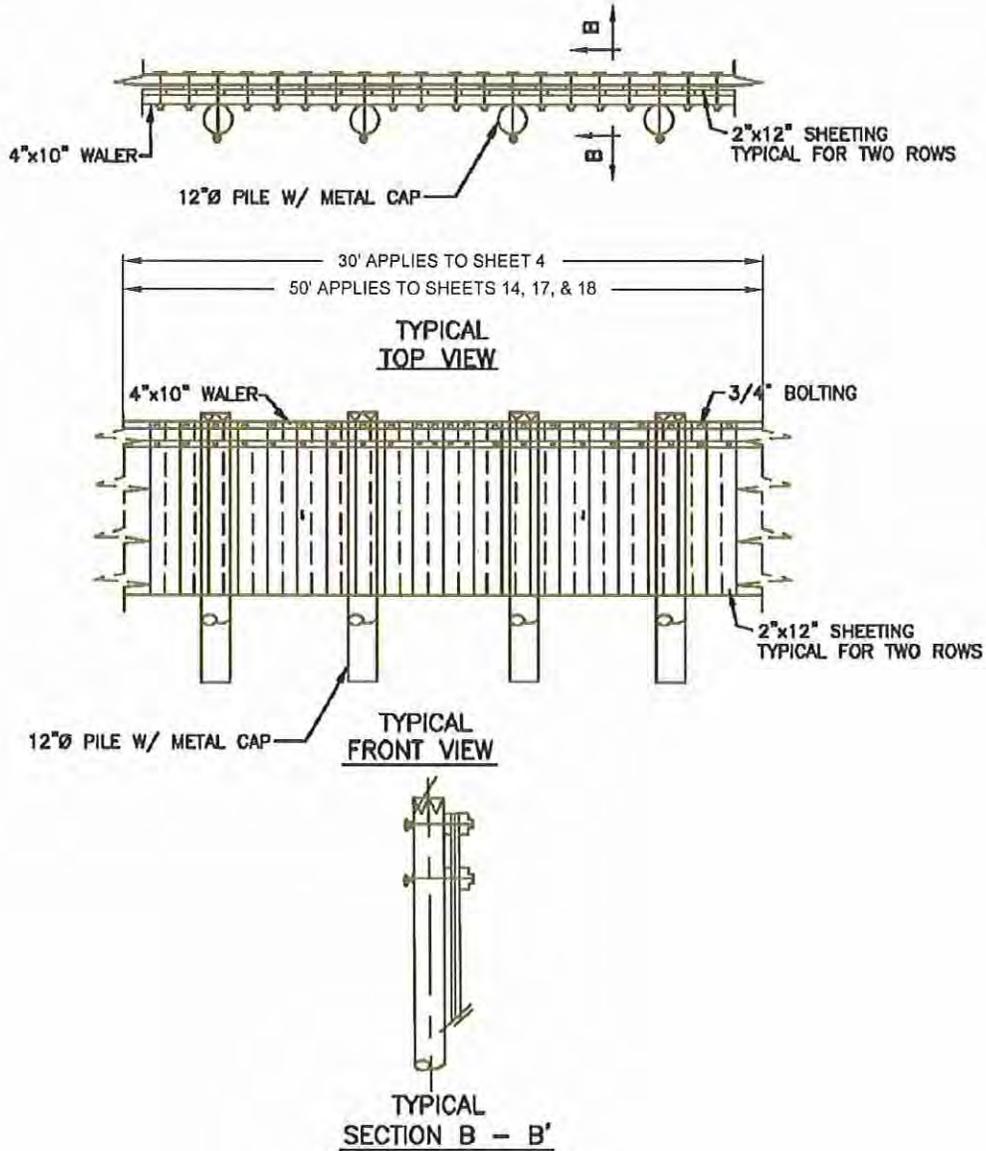
COLONIAL PIPELINE COMPANY	
PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	

DESIGN: MPH, Inc.
DRAWN: GWN
SCALE: AS SHOWN
DATE: 10-17-14
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BULKHEAD INSTALLATION

10' CENTER TO CENTER PILES (40' CLASS "B" CCA2.5)
 DOUBLE SHEET PILES (2" x 12" x 20' CCA2.5)
 3/4" GALVANIZED HARDWARE



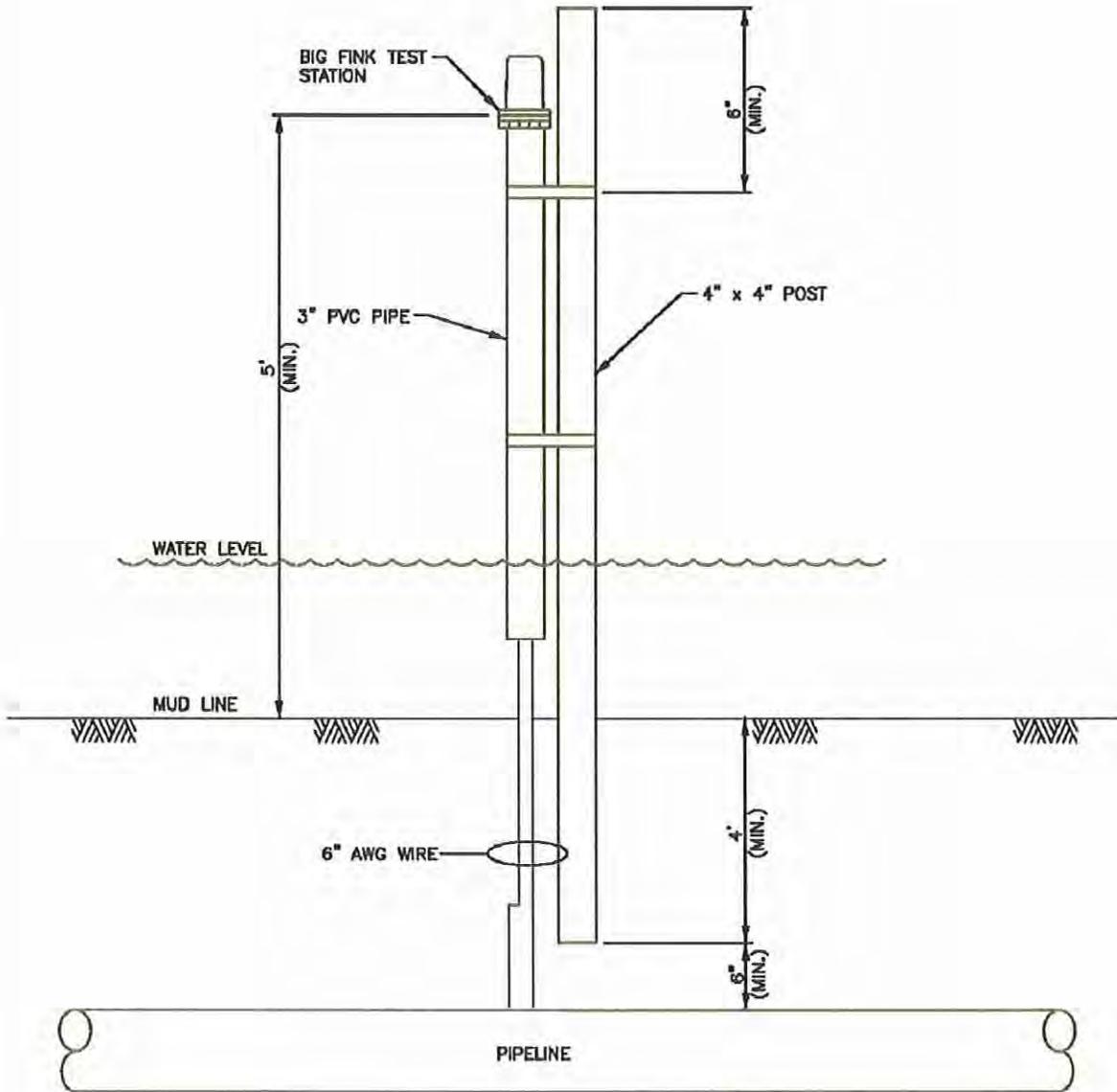
NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

SHEET 33

△			COLONIAL PIPELINE COMPANY PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	DESIGN: MPH, Inc.
△				DRAWN: OTHERS
△				SCALE: N.T.S.
△				DATE: 10-22-14
△				12001COE0033A0.dwg
	REVISION	DATE		12001COE0033A0

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CATHODIC PROTECTION SYSTEM



NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

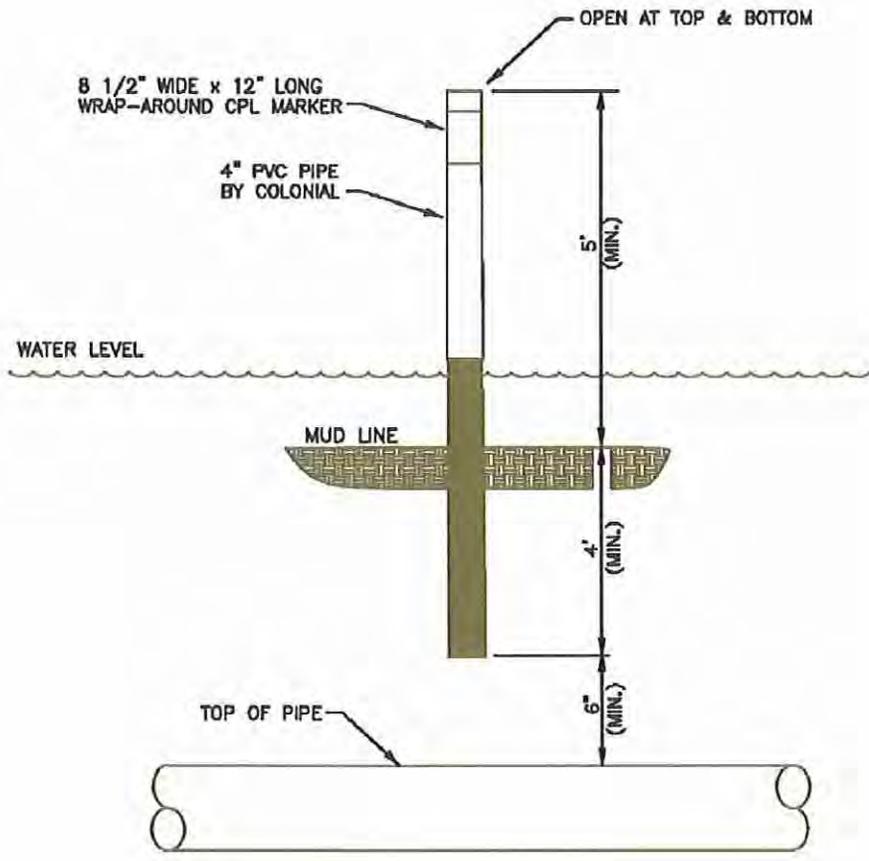
TEST STATION INSTALLATION

SHEET 34

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: OTHERS
△			PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	SCALE: N.T.S.
△				DATE: 10-22-14
△				12001COE0034A0.dwg
△				12001COE0034A0
	REVISION	DATE		

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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

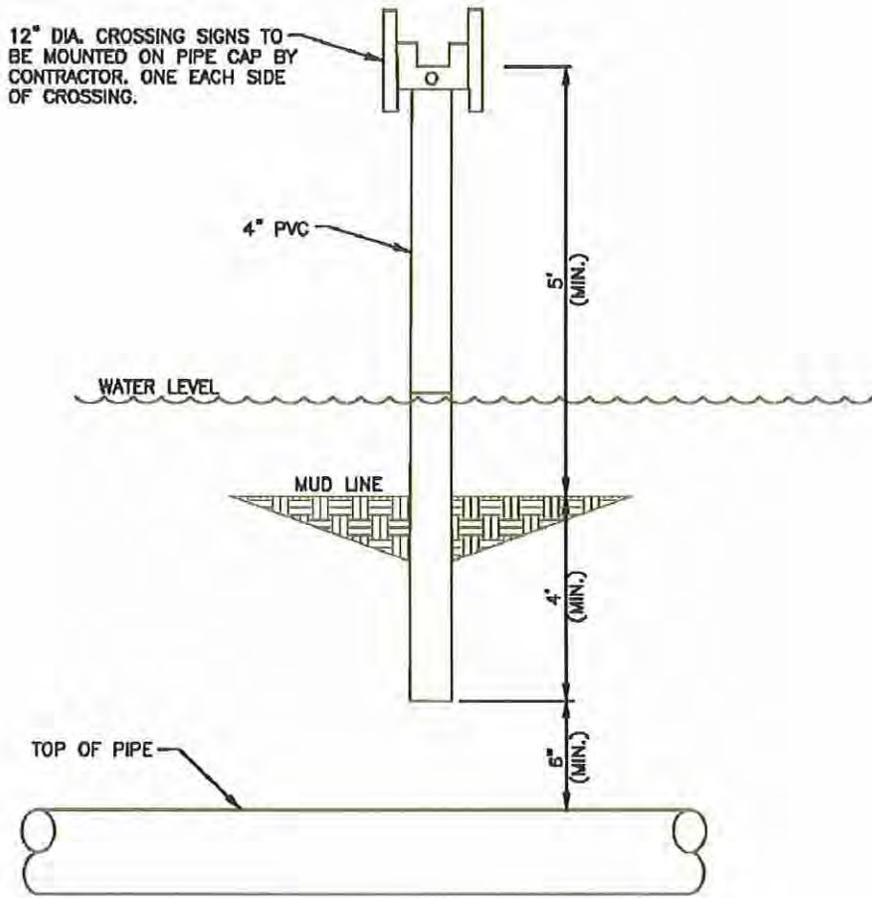
MARKER POST INSTALLATION

SHEET 35

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: OTHERS
△				SCALE: N.T.S.
△				DATE: 10-22-14
△				12001COE0035A0.dwg
	REVISION	DATE		12001COE0035A0

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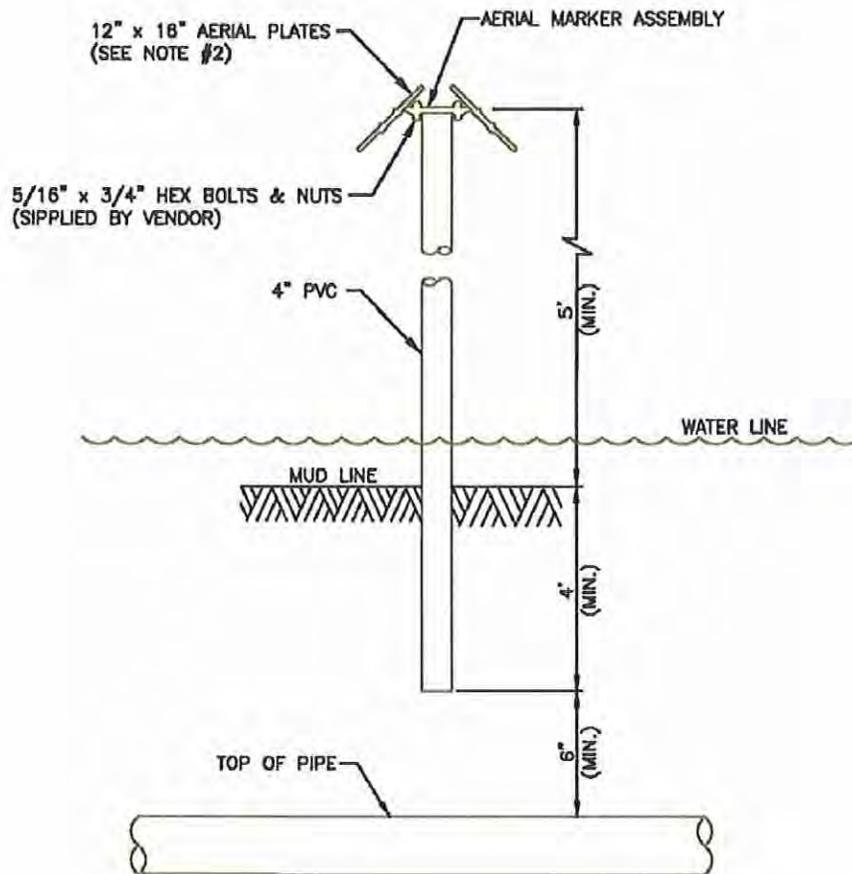
NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PIPELINE SIGN INSTALLATION

SHEET 36

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: OTHERS
△				SCALE: N.T.S.
△				DATE: 10-22-14
△				12001COE0036A0.dwg
	REVISION	DATE		12001COE0036A0

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NOTES:

1. ATTACH AERIAL MARKER TO THE TOP OF 4" WITH 5/16" x 3/4" HEX BOLTS AND NUTS.
2. NUMBER PLATES MAY BE ATTACHED TO MARKER WITH SUPPLIED RIVETS PRIOR TO FIELD INSTALLATION.

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

AERIAL MARKER INSTALLATION

SHEET 37

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: OTHERS
△			PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE	SCALE: N.T.S.
△			LOCATED IN PLAQUEMINES PARISH, LA	DATE: 10-22-14
△				12001COE0037A0.dwg
	REVISION	DATE		12001COE0037A0

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NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

PIPELINE WARNING SIGN

SHEET 38

△			COLONIAL PIPELINE COMPANY	DESIGN: MPH, Inc.
△				DRAWN: OTHERS
△			PROPOSED PIPELINE REPLACEMENT 20" LINE 7 PIPELINE LOCATED IN PLAQUEMINES PARISH, LA	SCALE: N.T.S.
△				DATE: 10-22-14
△				12001COE0038A0.dwg
	REVISION	DATE		12001COE0038A0