

JOINT PUBLIC NOTICE

May 25, 2020

United States Army Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, Louisiana 70118

(504) 862-1301
Project Manager
Neil T. Gauthier
Neil.T.Gauthier@usace.army.mil
MVN 2014-00702-CM

State of Louisiana
Department of Environmental Quality
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(225) 219-3225
Project Manager
Elizabeth Hill
WQC Application Number
WQC 181017-02

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the US 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, Office of Environmental Services, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS 30:2074 A(3) and provisions of Section 401 of the Clean Water Act.

PROPOSED MODIFICATION TO A METHANOL PRODUCTION FACILITY IN ST. JAMES PARISH

NAME OF APPLICANT: South Louisiana Methanol LP, c/o CK Associates, Attn: Brian Newman, 8591 United Plaza Blvd., Suite 300, Baton Rouge, Louisiana 70809.

LOCATION OF WORK: On the Mississippi River, RDB, mile 161.5, approximately 0.7 mile south of Romeville, Louisiana, in St. James, Louisiana, in St James Parish, within the Barataria Basin, East-Central Louisiana Coastal, in hydrologic unit (HUC 08090301), as shown on the attached drawings.

CHARACTER OF WORK: The applicant is requesting a modification to an existing Department of the Army permit which will include the addition of a methanol storage terminal composed of a rail spur with a rail and truck loading facility, marine loading dock, methanol storage tanks, and associated access roads. The proposed work will entail dredging in the Mississippi River at the existing dock to allow access for marine vessels and will require annual maintenance to preserve depth. These are additions to the permitted South Louisiana Methanol Plant which has been permitted but not yet built. Approximately 300,000 cubic yards of dredged material will be deposited back into the river below the 55-foot contour, and approximately 83,315 cubic yards of native material will be excavated and re-deposited on site. Additionally, approximately 277,293 cubic yards of hauled in topsoil, sand, rock, and aggregate material will be placed on site.

A preliminary analysis has determined that approximately 1.6 acres of jurisdictional forested bature wetlands will be permanently impacted and approximately 4.7 acres of jurisdictional forested wetlands on the protected side of the Mississippi River levee. Additionally, approximately 16.1 acres of Mississippi River water bottoms will be permanently impacted by dredging and approximately 0.4 acres of waters of the U.S will be temporarily impacted. It is anticipated that the proposed project would have no impact on adjacent wetlands.

The applicant stated that the proposed project has been designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. Any further reduction would limit usage of the property deeming the project impracticable. As compensation for unavoidable wetland impacts, the applicant proposes to mitigate in-kind wetland credits from a Corps approved mitigation bank located in the watershed.

The comment period for the Department of Army will close in **30 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.

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 US 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 US 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. Copies of this notice are being sent to the State Archeologist and State Historic Preservation Officer.

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.

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 Interior. Utilizing Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that this project is in an area where the pallid sturgeon can be found and this project is Not Likely to Adversely Affect the species.

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 up to **0** 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.

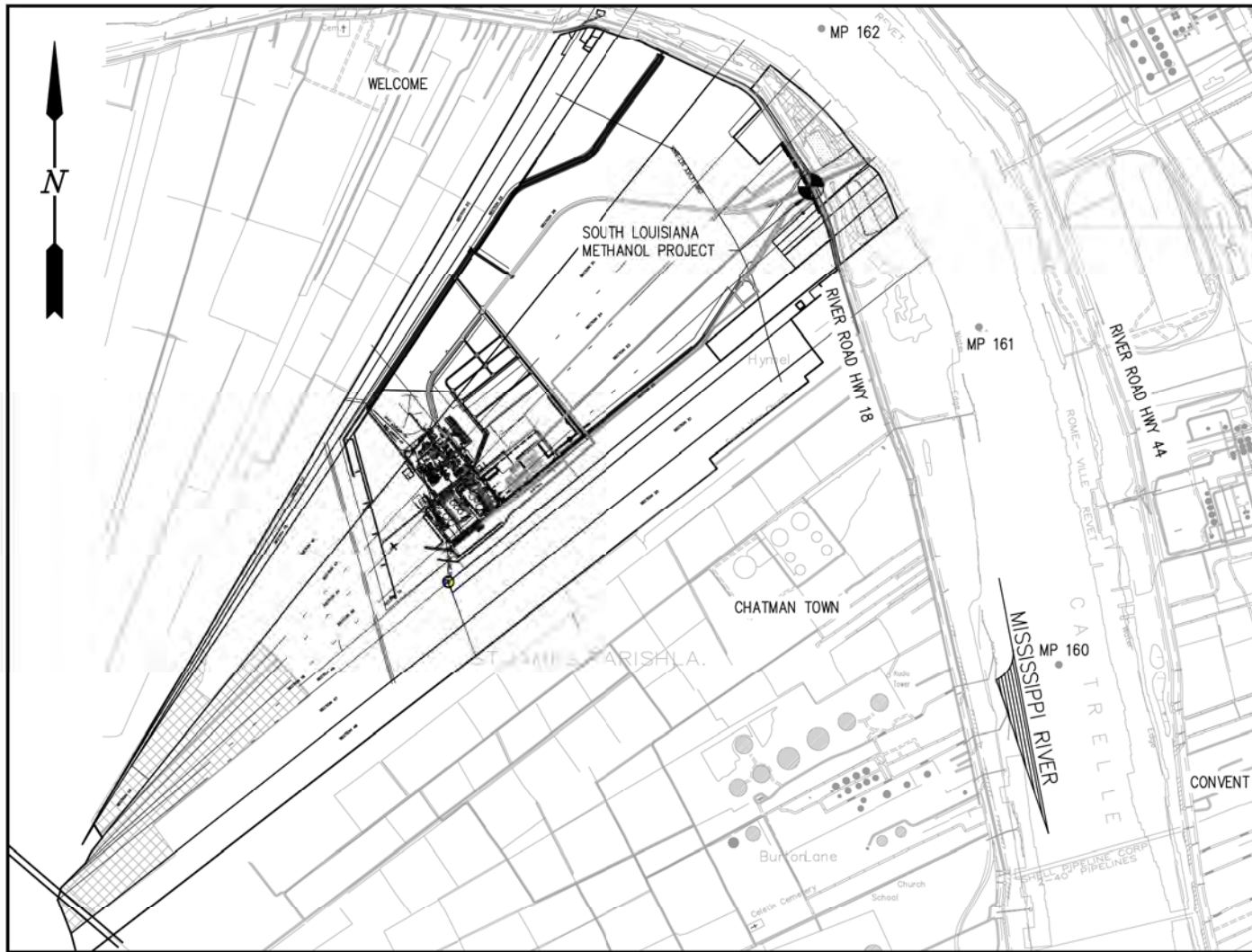
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

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.

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.

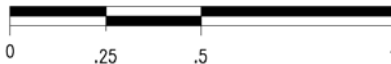
JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

J:\110005\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-1.DWG



WETLANDS

VICINITY MAP
GRAPHIC SCALE IN MILES



GENERAL NOTES

1. AS-BUILT DRAWINGS AND/OR PLANS SHALL HAVE WRITTEN ON THEM THE DATE OF COMPLETION OF SAID ACTIVITIES AND SHALL BE SUBMITTED TO THE LOUISIANA DEPARTMENT OF NATURAL RESOURCES, OFFICE OF COASTAL MANAGEMENT, P. O. BOX 44487, BATON ROUGE, LA 70804-4487 WITHIN 30 DAYS FOLLOWING PROJECT COMPLETION.
2. 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.
3. STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
4. IN ORDER TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITEE 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.
5. ALL ELEVATIONS REFER TO NGVD88 UNLESS NOTED OTHERWISE.



ST. JAMES PARISH
LATITUDE: 30° 03' 05.82" N
LONGITUDE: 90° 50' 56.55" W

ALBERT R. FAVALORA, PE
LA PE #35134
LANIER AND ASSOCIATES
CONSULTING ENGINEERS, INC.

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South Louisiana
Methanol



LANIER & ASSOCIATES
CONSULTING ENGINEERS
INCORPORATED

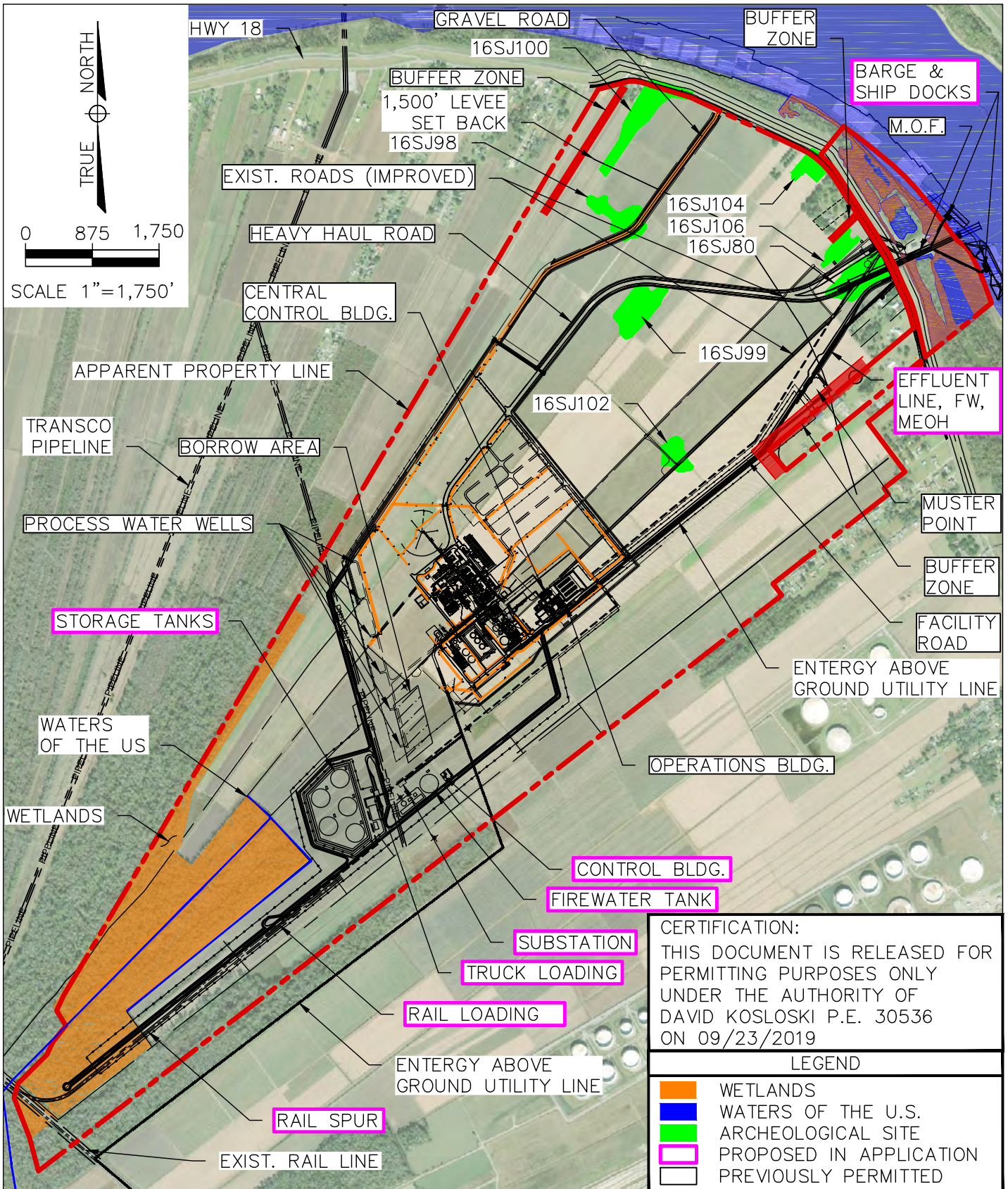
SOUTH LOUISIANA METHANOL, LP.
ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
VICINITY MAP AND NOTES**

SHEET No.

1

REV	DATE
0	09/23/19



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LEGEND	
	WETLANDS
	WATERS OF THE U.S.
	ARCHEOLOGICAL SITE
	PROPOSED IN APPLICATION
	PREVIOUSLY PERMITTED

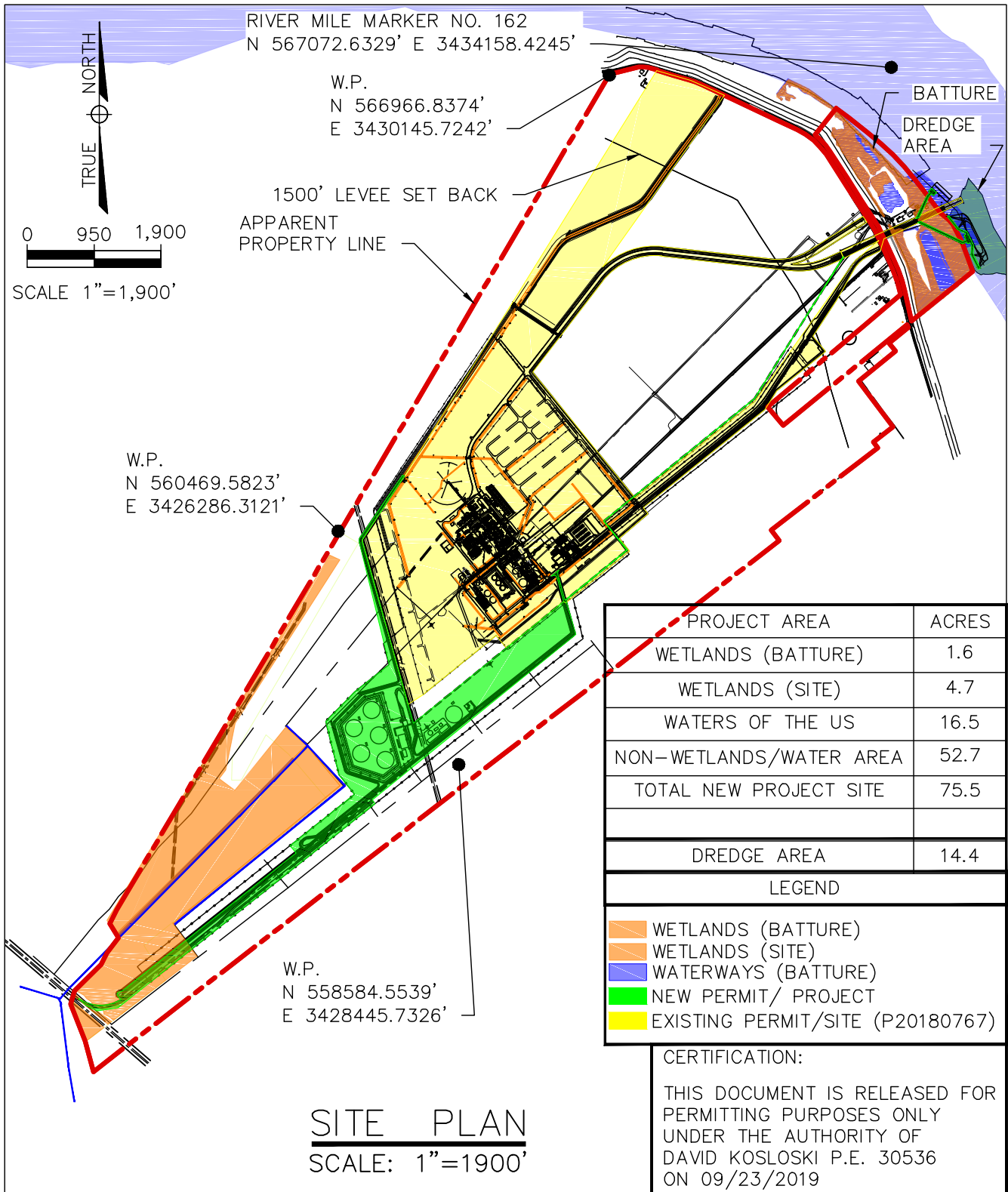
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ST. JAMES	SOUTH LOUISIANA METHANOL	LOUISIANA
SLM TERMINAL AND STORAGE PROJECT ELEMENT MAP		

SHEET No.	
1A	
REV	DATE
0	12/18/19

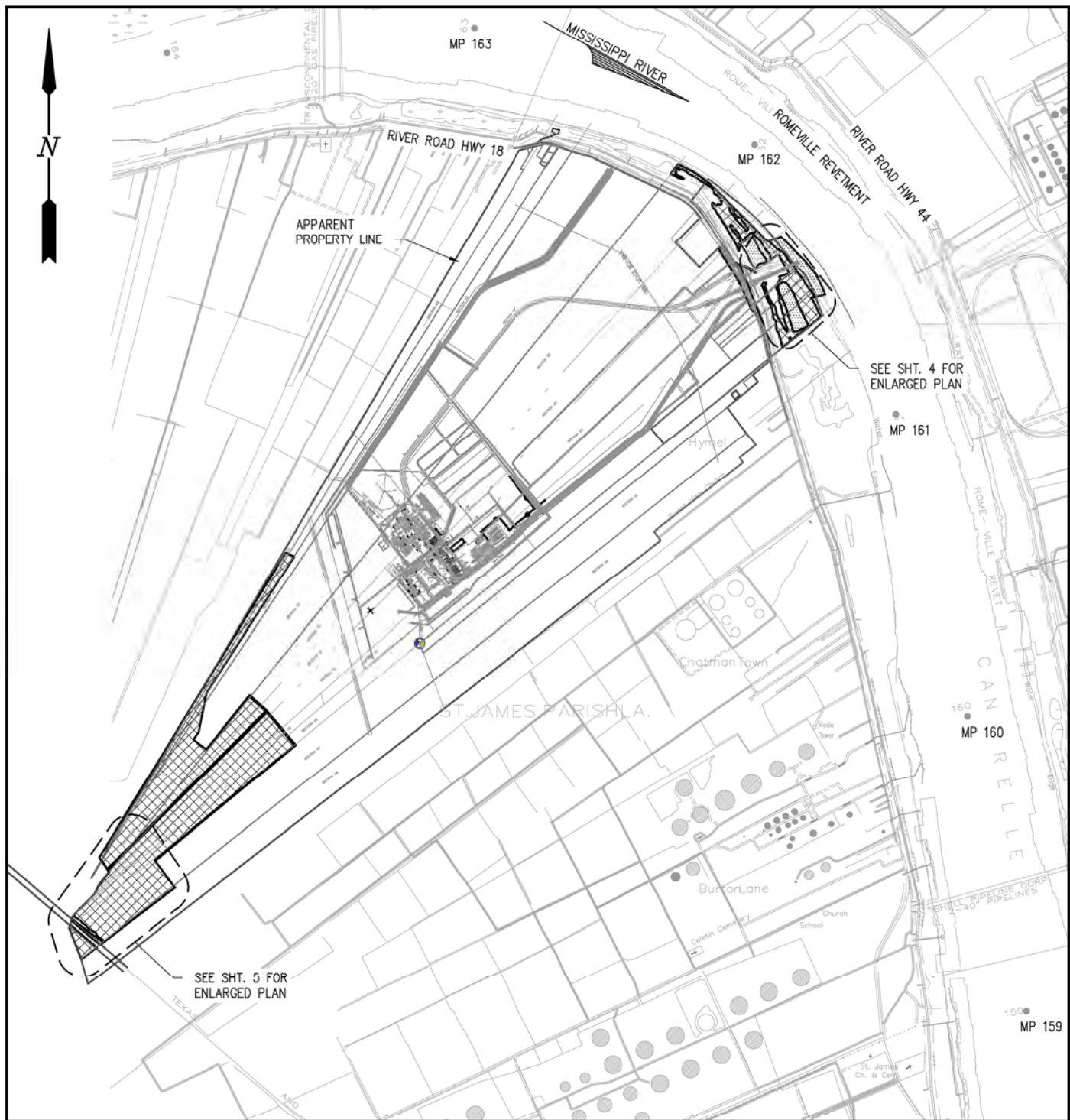


SITE PLAN
SCALE: 1"=1900'


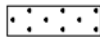
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		SLM TERMINAL AND STORAGE EXISTING AND PROPOSED SITE PLAN		<table border="1"> <tr> <td>REV</td> <td>DATE</td> </tr> <tr> <td>0</td> <td>12/18/19</td> </tr> </table>	REV	DATE
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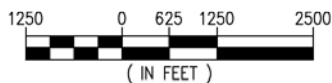


LEGEND

-  POTENTIAL WETLANDS
-  PROPOSED WATERS OF THE U.S.

EXISTING SITE PLAN - WETLANDS

SCALE: 1" = 2500'



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LA PE #35134
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SOUTH LOUISIANA METHANOL, LP.

ST JAMES

LOUISIANA

**SLM TERMINAL AND STORAGE
EXISTING SITE PLAN
WETLANDS**

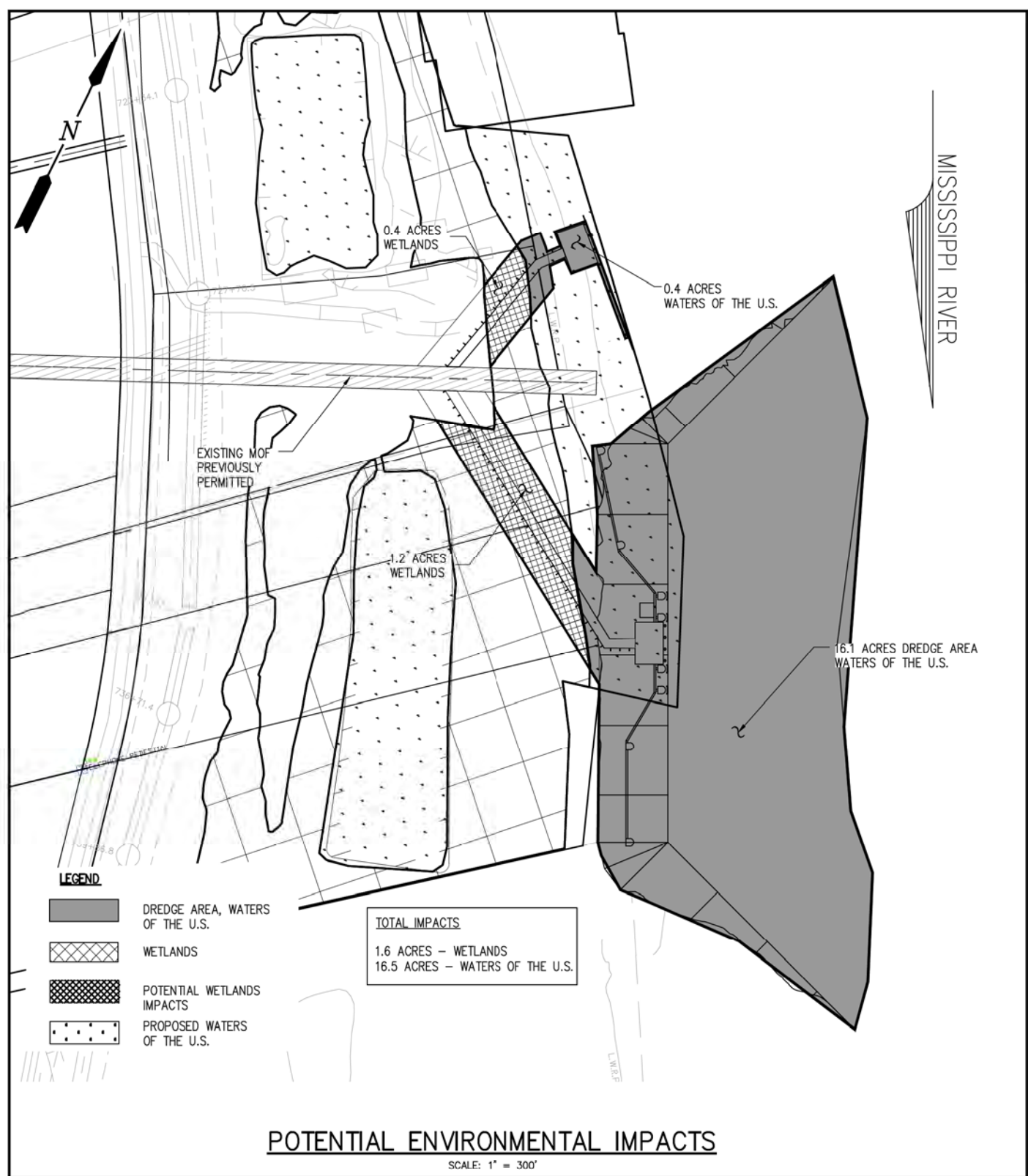
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


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MISSISSIPPI RIVER



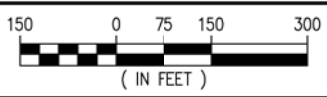
LEGEND

-  DREDGE AREA, WATERS OF THE U.S.
-  WETLANDS
-  POTENTIAL WETLANDS IMPACTS
-  PROPOSED WATERS OF THE U.S.

TOTAL IMPACTS
 1.6 ACRES - WETLANDS
 16.5 ACRES - WATERS OF THE U.S.

POTENTIAL ENVIRONMENTAL IMPACTS

SCALE: 1" = 300'



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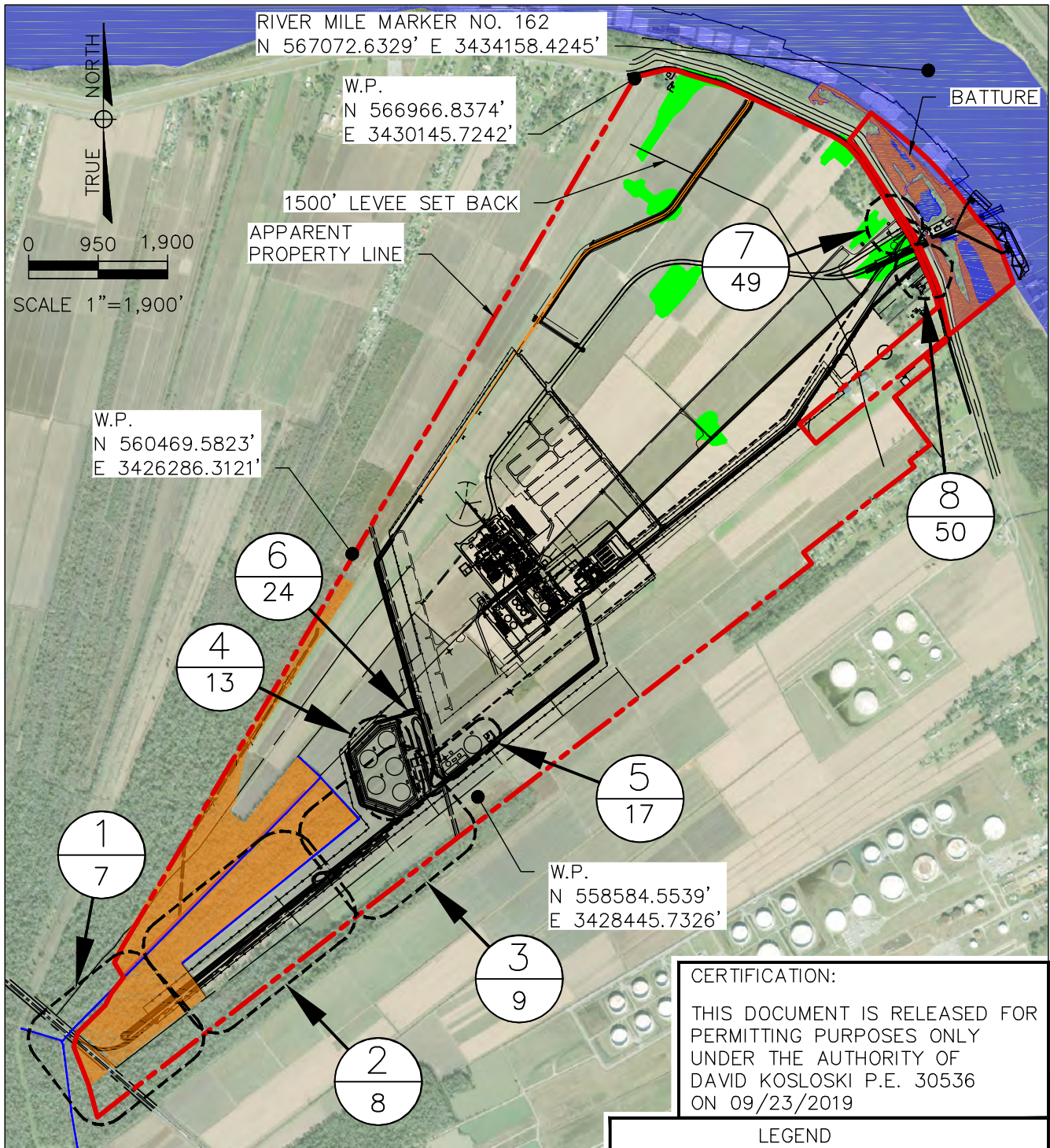


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**SLM TERMINAL AND STORAGE
 PROPOSED WETLAND IMPACTS AT DOCK**

SHEET No.	
4	
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LEGEND

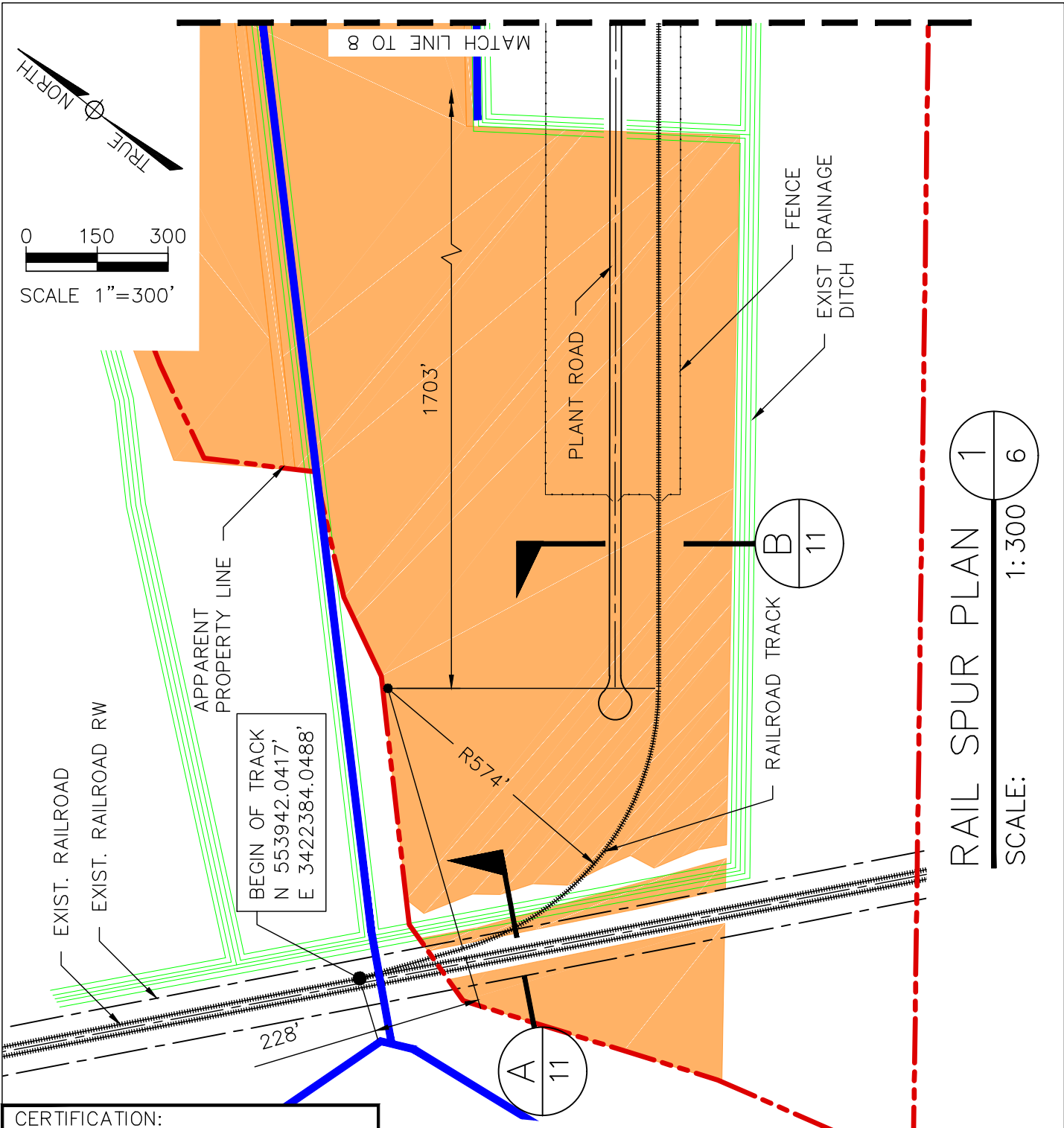
- WETLANDS
- WATER OF THE U.S.
- ARCHEOLOGICAL SITE

A	DETAIL OR SECTION #
0	DWG #

SITE PLAN
 SCALE: 1"=1900'

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		<p>SOUTH LOUISIANA METHANOL, LP <small>ST. JAMES LOUISIANA</small></p> <p>SLM TERMINAL AND STORAGE PROPOSED SITE PLAN</p>	<p>SHEET No. 6</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="font-size: 8px;">REV</th> <th style="font-size: 8px;">DATE</th> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">09/23/19</td> </tr> </table>	REV	DATE	0	09/23/19
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0	09/23/19						



RAIL SPUR PLAN 1 / 6
 SCALE: 1:300

BEGIN OF TRACK
 N 553942.0417'
 E 3422384.0488'

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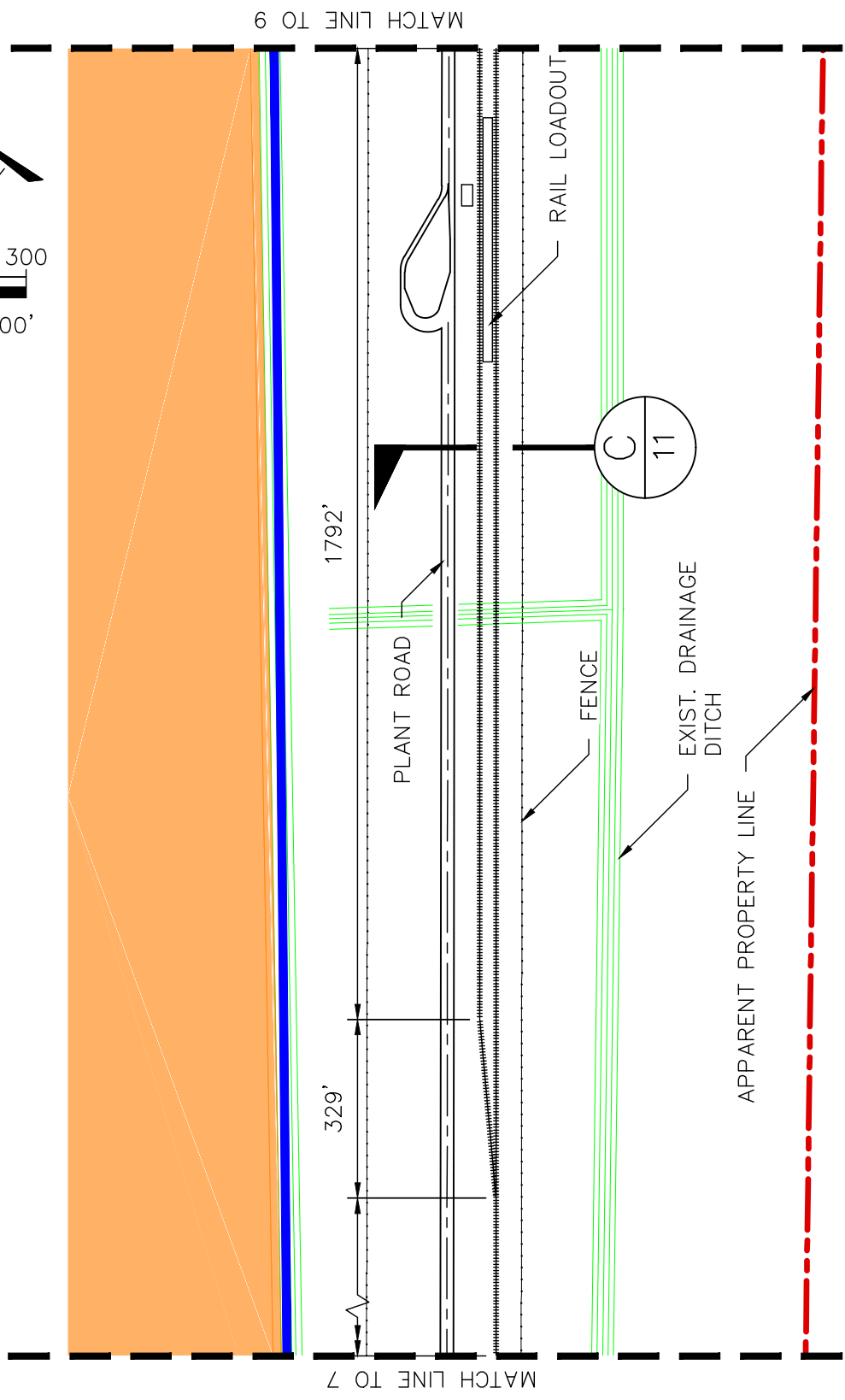
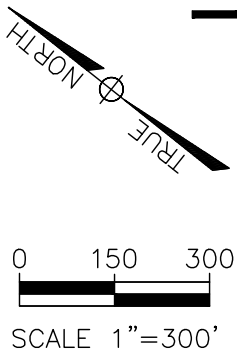
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	WETLANDS
	WATER OF THE U.S.

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DETAIL OR SECTION #

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		SOUTH LOUISIANA METHANOL, LP ST. JAMES LOUISIANA	SHEET No. 7		
		SLM TERMINAL AND STORAGE RAIL SPUR PLAN (SHEET 1 OF 3)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">REV</th> <th style="width: 50%;">DATE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">09/23/19</td> </tr> </tbody> </table>	REV	DATE
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LEGEND

	WETLANDS
	WATER OF THE U.S.

DETAIL OR SECTION #
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DWG. #
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RAIL SPUR PLAN 2

SCALE: 1:300 6

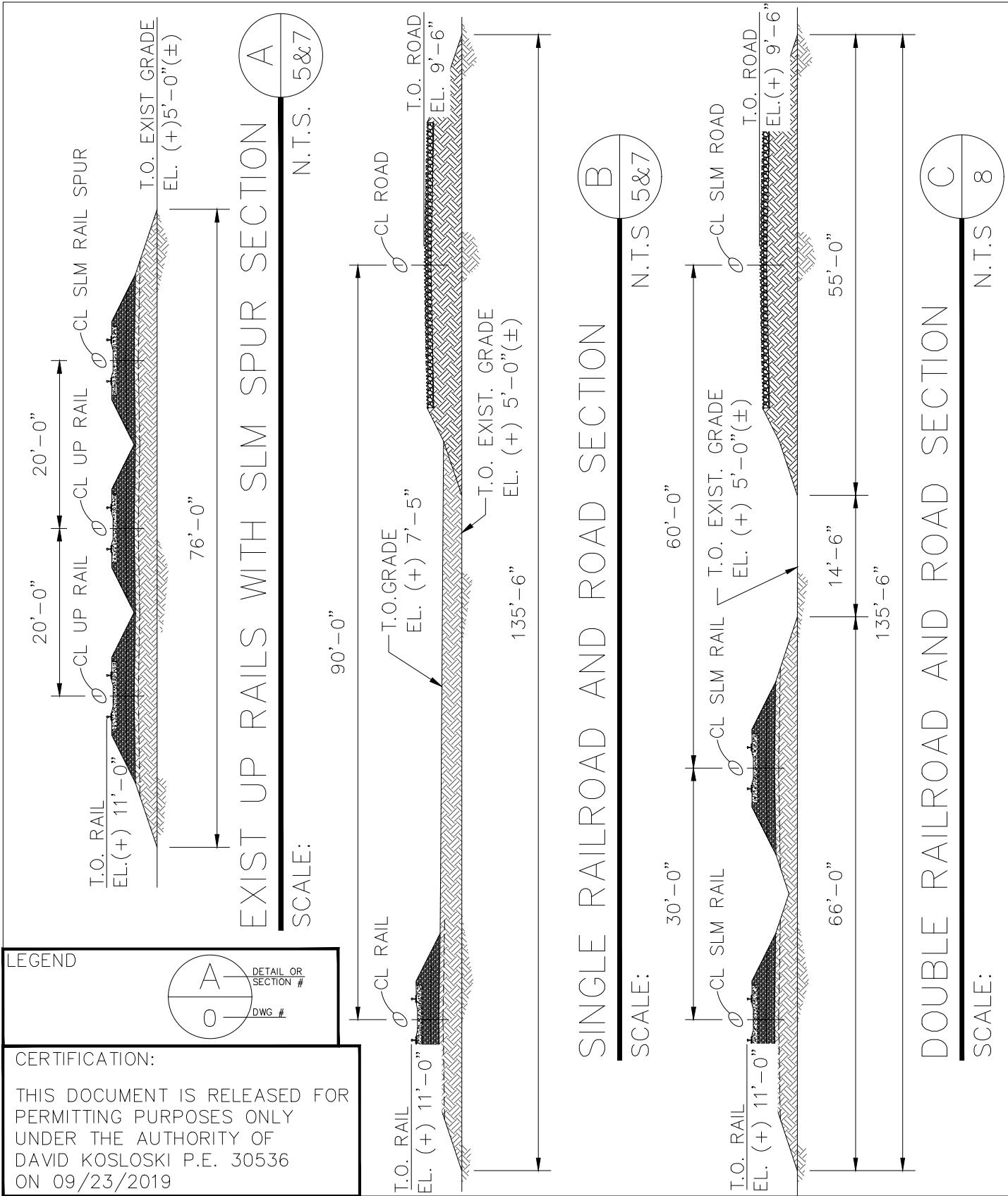
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 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE RAIL SPUR PLAN (SHEET 2 OF 3)

SHEET No.	
8	
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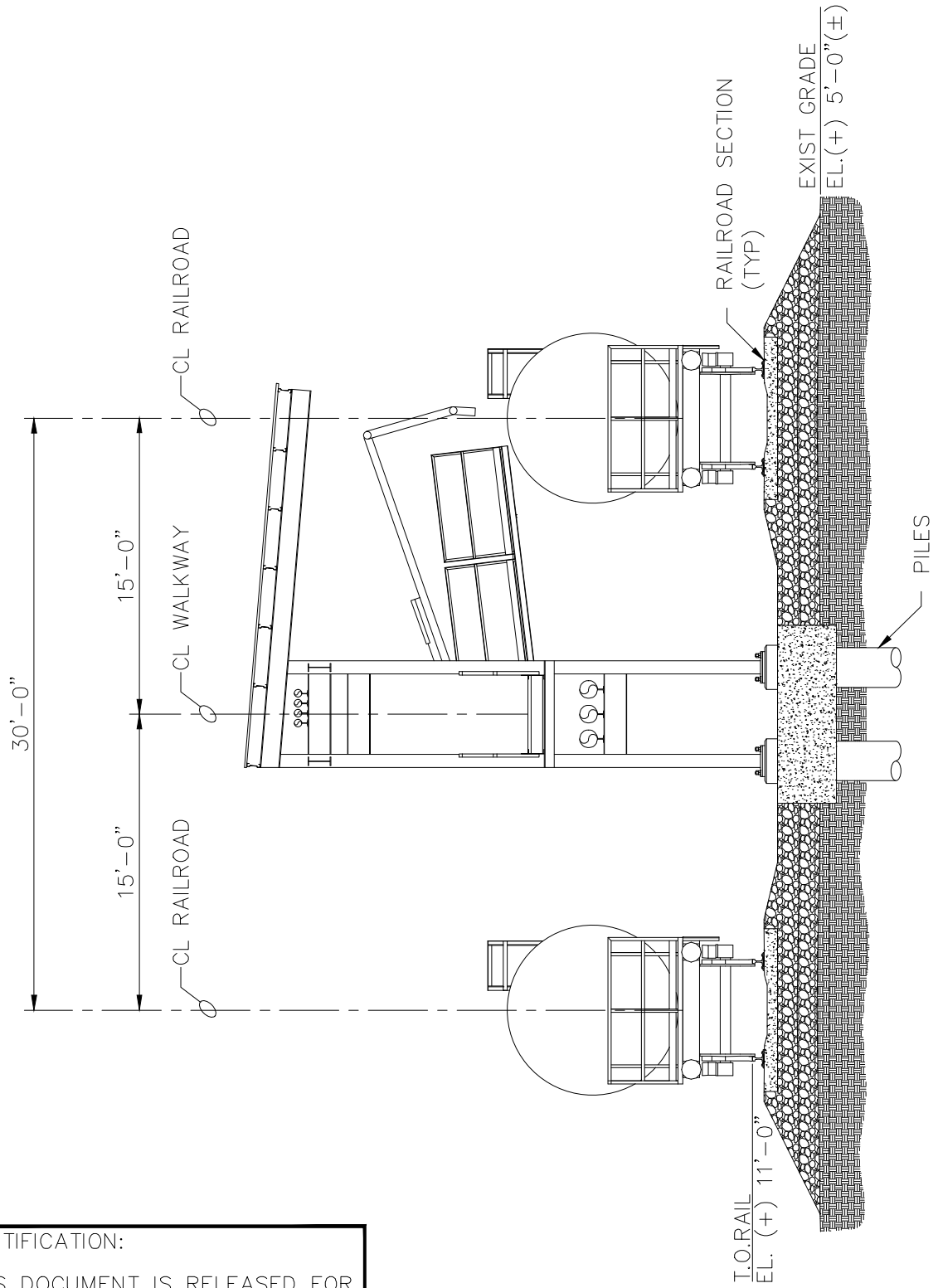
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SLM TERMINAL AND STORAGE RAILROAD SECTIONS

SHEET No.	
11	
REV	DATE
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RAIL LOADING DETAIL
 SCALE: 1/8" = 1'-0"

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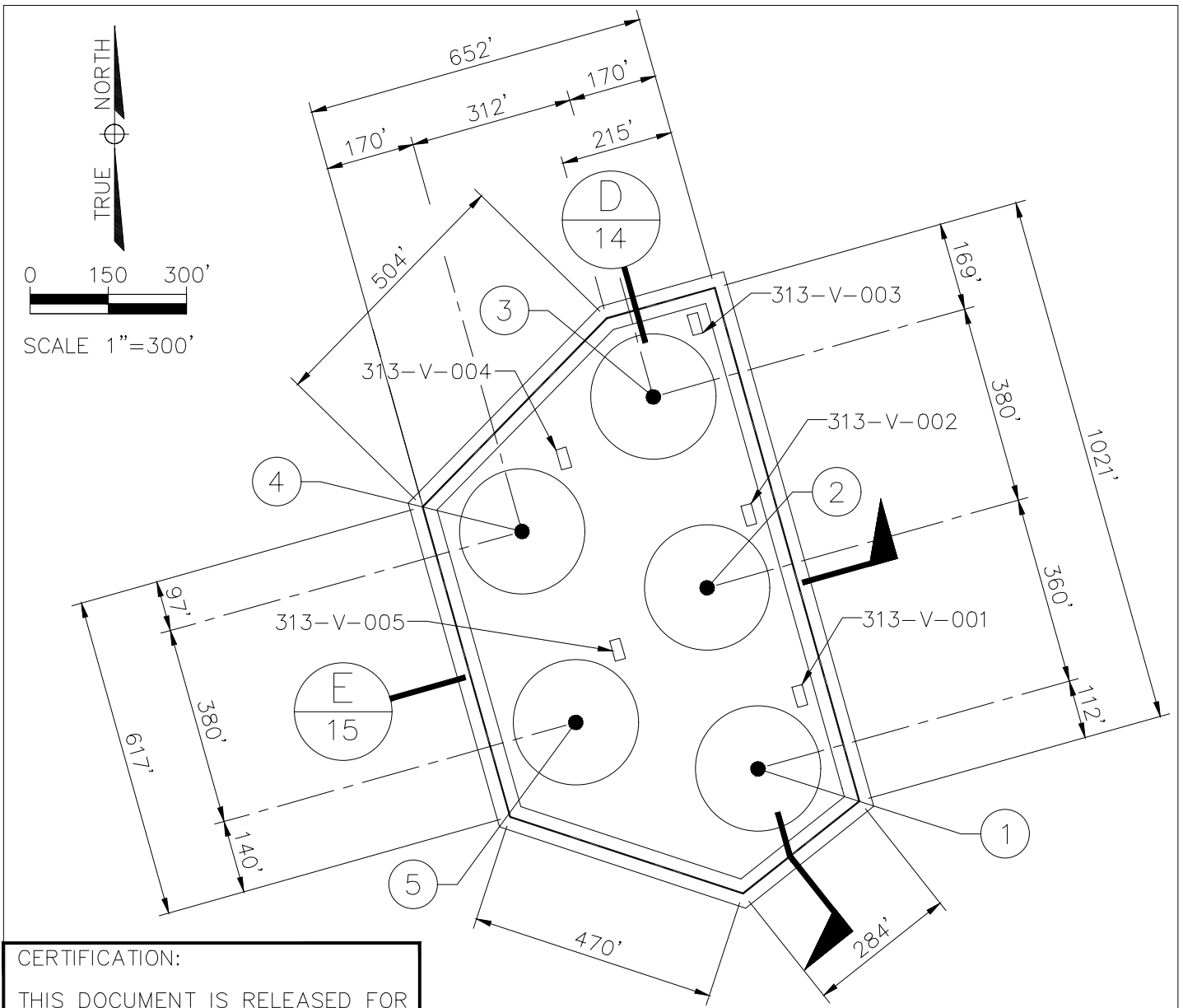
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 ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
 RAIL LOAD OUT SECTION**

SHEET No.	
12	
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STORAGE TANK PLAN 4
 SCALE: 1:300 6

TANK LEGEND

ITEM	TANK NO.	O.D.	N.COORDINATE	E.COORDINATE	LATITUDE	LONGITUDE
1	616-TK-001	240'	557213.7615	3426960.1545	30 01 53.11879	-90 52 17.53323
2	616-TK-002	240'	557560.2865	3426862.5818	30 01 56.55270	-90 52 18.62741
3	616-TK-003	240'	557926.0629	3426759.5884	30 02 00.17769	-90 52 19.78241
4	616-TK-004	240'	557668.2374	3426508.0531	30 01 57.63544	-90 52 22.65590
5	616-TK-005	240'	557302.4610	3426611.0465	30 01 54.01045	-90 52 21.50089

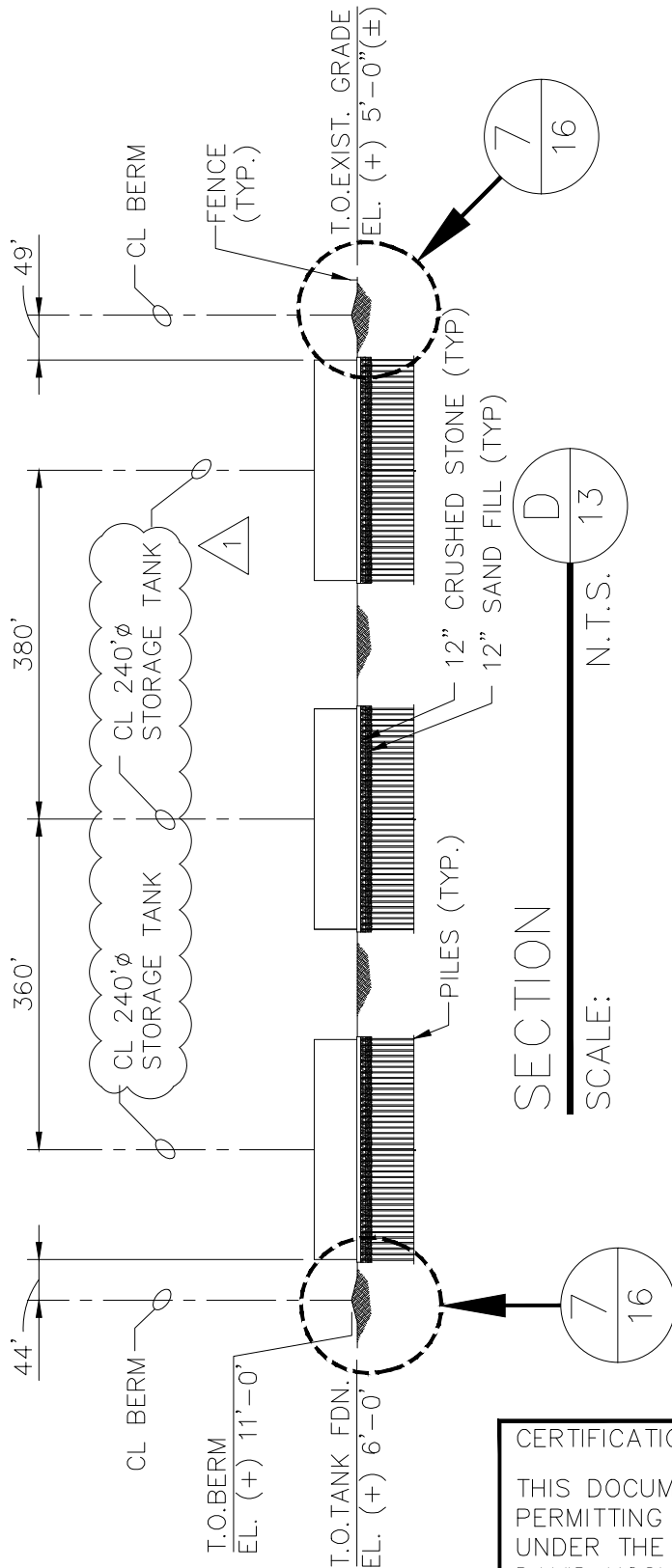
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SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE STORAGE TANK PLAN

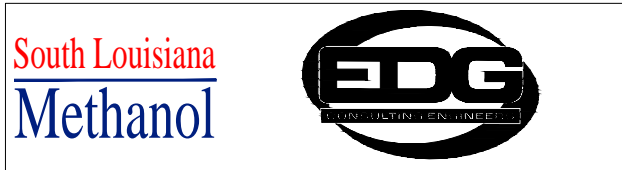
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13	
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SECTION
SCALE: N.T.S.

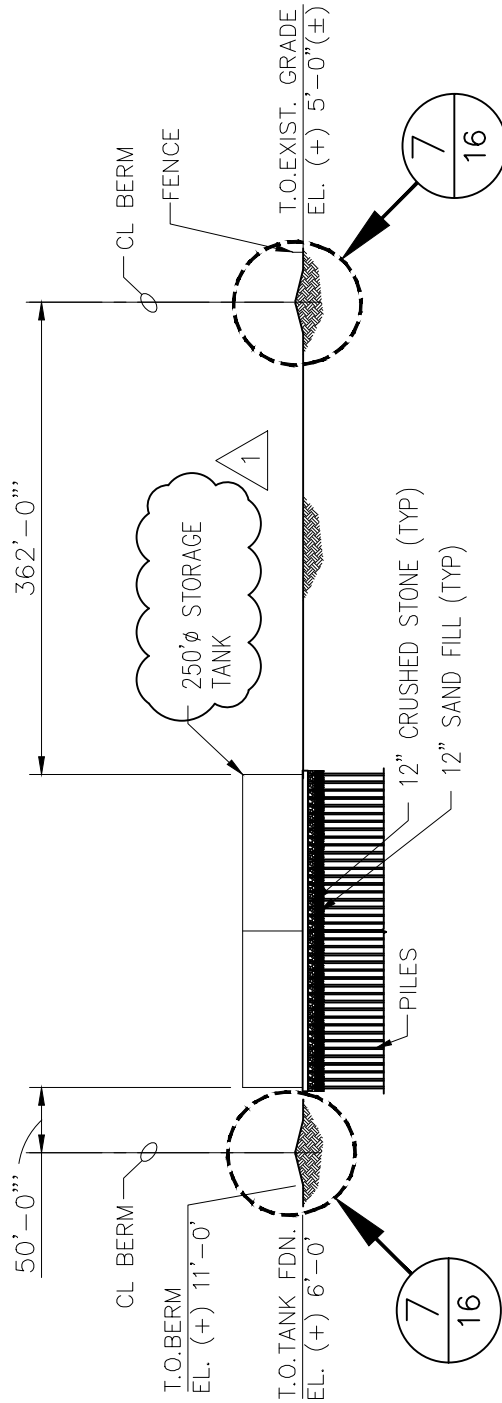
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SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA
SLM TERMINAL AND STORAGE STORAGE TANK SECTION "C"

SHEET No.	
14	
REV	DATE
1	11/20/19



SECTION E
13
SCALE: N.T.S.

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South Louisiana
Methanol



SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

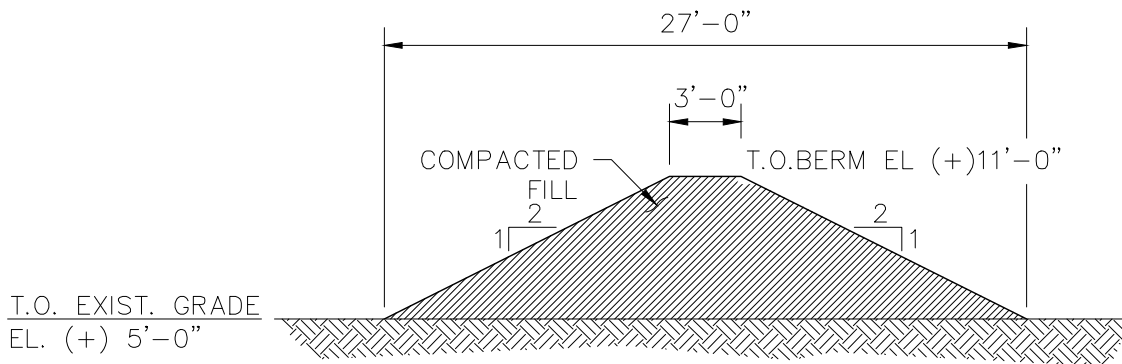
**SLM TERMINAL AND STORAGE
STORAGE TANK SECTION "D"**

SHEET No.

15

REV DATE

1 11/20/19



TANK BERM DETAIL

SCALE: N.T.S.

7/14 7/15

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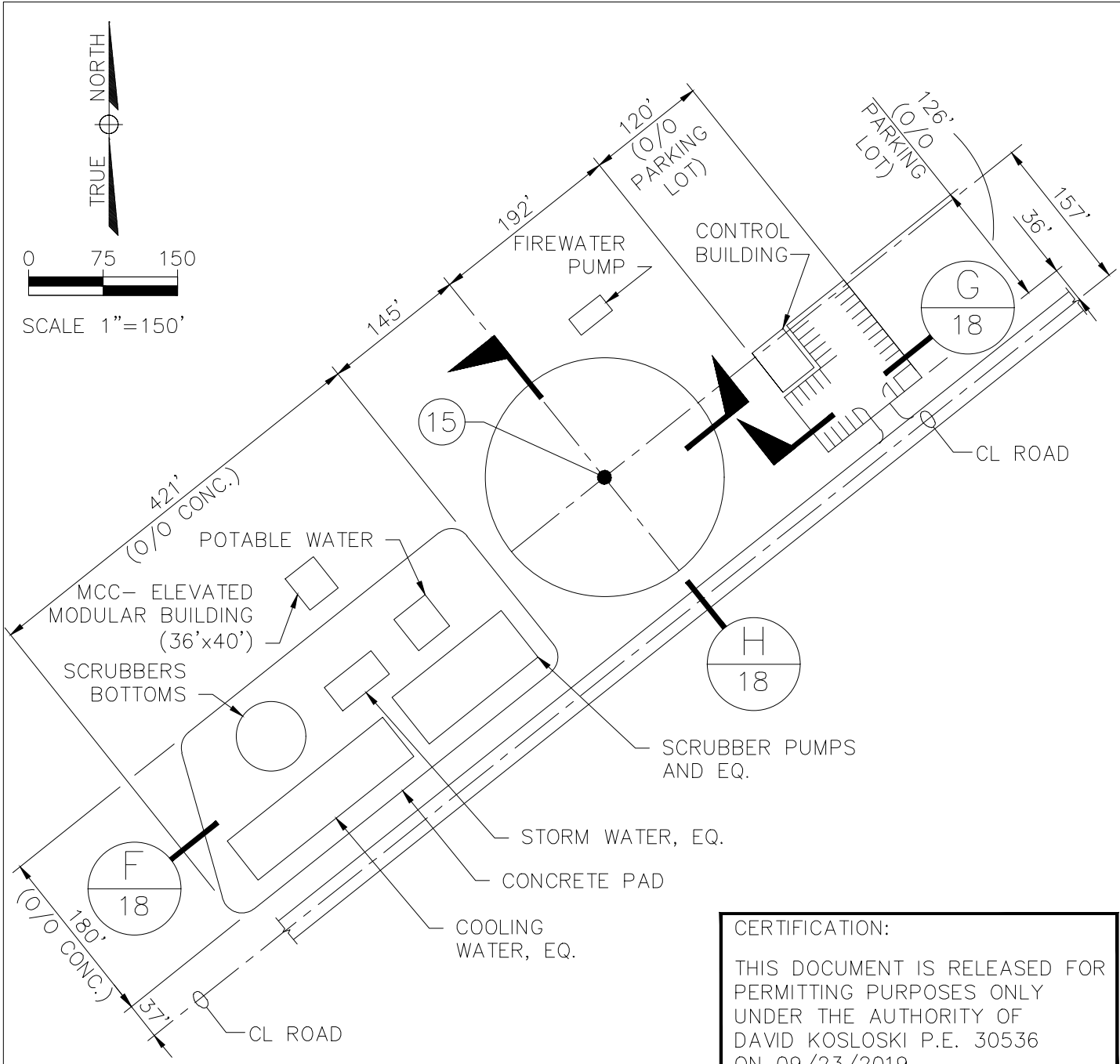
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SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE TANK BERM

SHEET No.	
16	
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FIREWATER TANK AND CONTROL BLDG. PLAN

SCALE:

1:150

5
6

TANK LEGEND

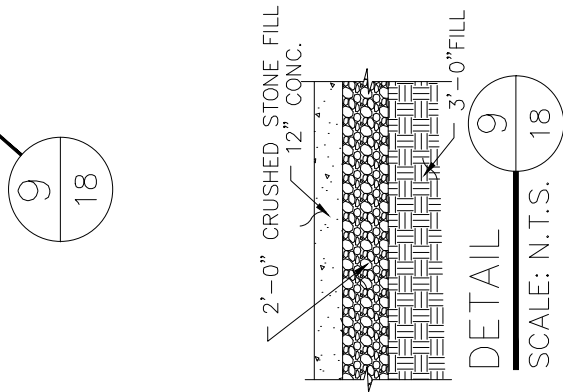
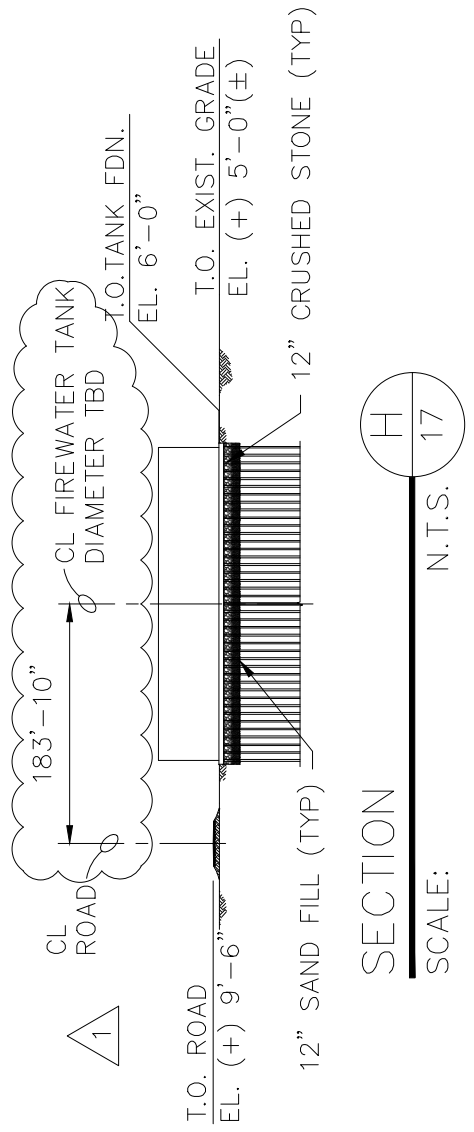
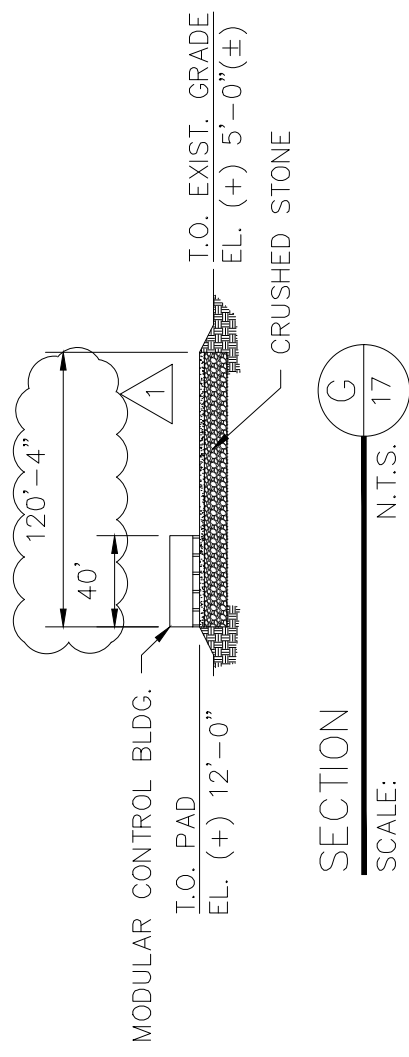
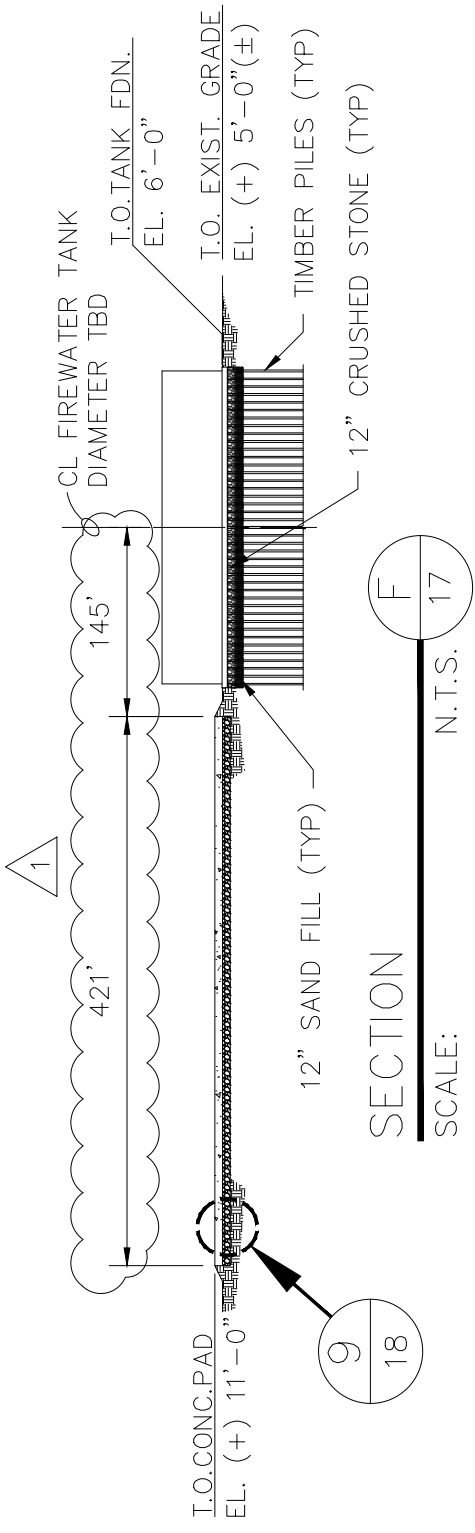
ITEM	TANK NO.	O.D.	N. COORDINATE	E. COORDINATE	LATTITUDE	LONGITUDE
15	FIRE WATER	240'	557861.1694	3427932.7511	30 01 59.48837	-90 52 06.438361

PRELIMINARY - FOR PERMIT PURPOSES ONLY



SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA
**SLM TERMINAL AND STORAGE
 FIREWATER TANK
 AND CONTROL BUILDING PLAN**

SHEET No.	
17	
REV	DATE
0	09/23/19



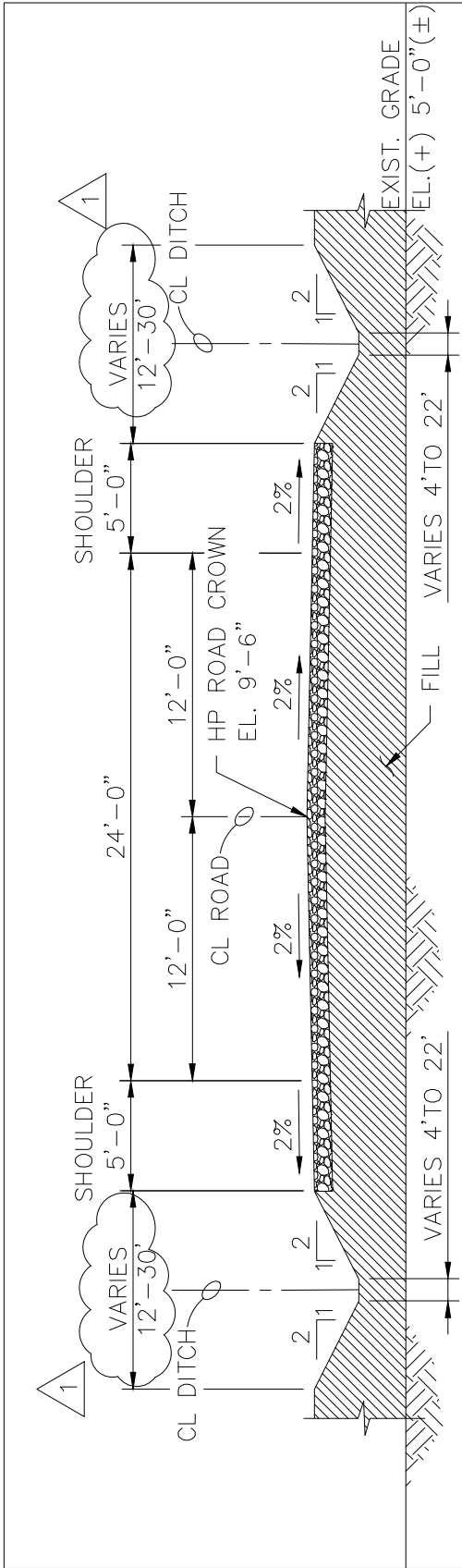
CERTIFICATION:
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PRELIMINARY - FOR PERMIT PURPOSES ONLY

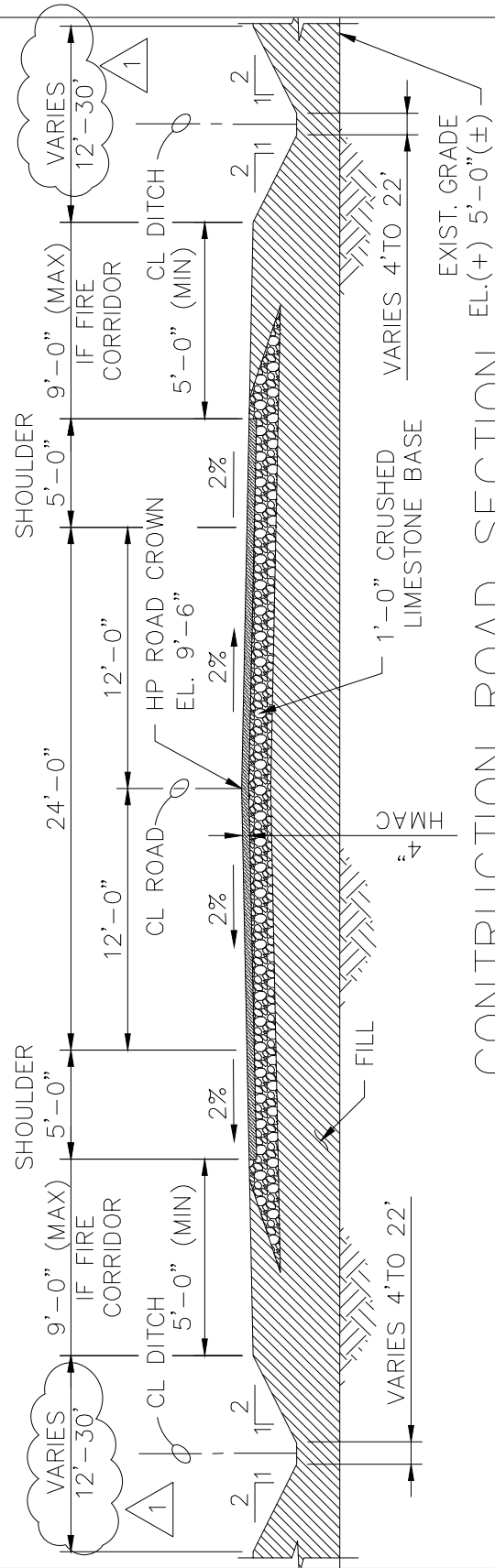


SOUTH LOUISIANA METHANOL, LP	
ST. JAMES	LOUISIANA
SLM TERMINAL AND STORAGE FIREWATER TANK CONTROL BLDG. AND PARKING SECTION	

SHEET No.	
18	
REV	DATE
1	11/20/19



ROAD SECTION
SCALE: N.T.S.



CONSTRUCTION ROAD SECTION
SCALE: N.T.S.

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PRELIMINARY - FOR PERMIT PURPOSES ONLY

South Louisiana
Methanol



SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

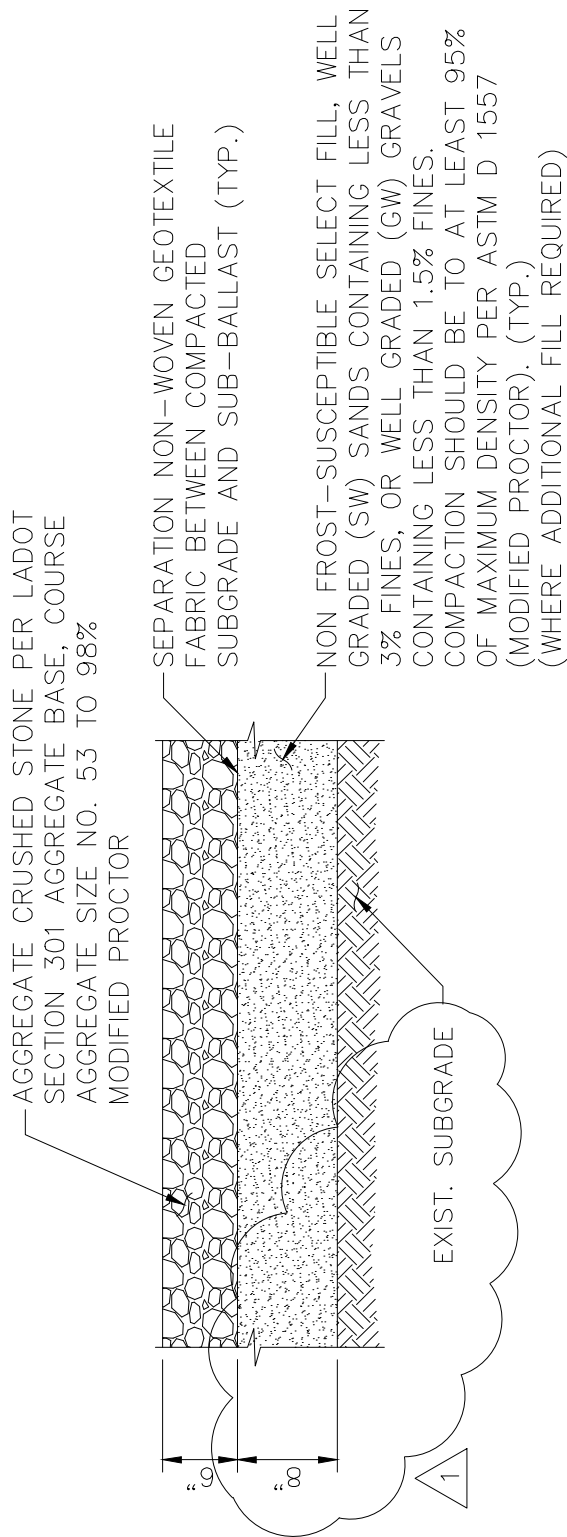
**SLM TERMINAL AND STORAGE
TYPICAL ROAD SECTION**

SHEET No.

19

REV DATE

1 11/20/19



TYPICAL CRUSHED STONE SURFACE SECTION
 SCALE: N.T.S.

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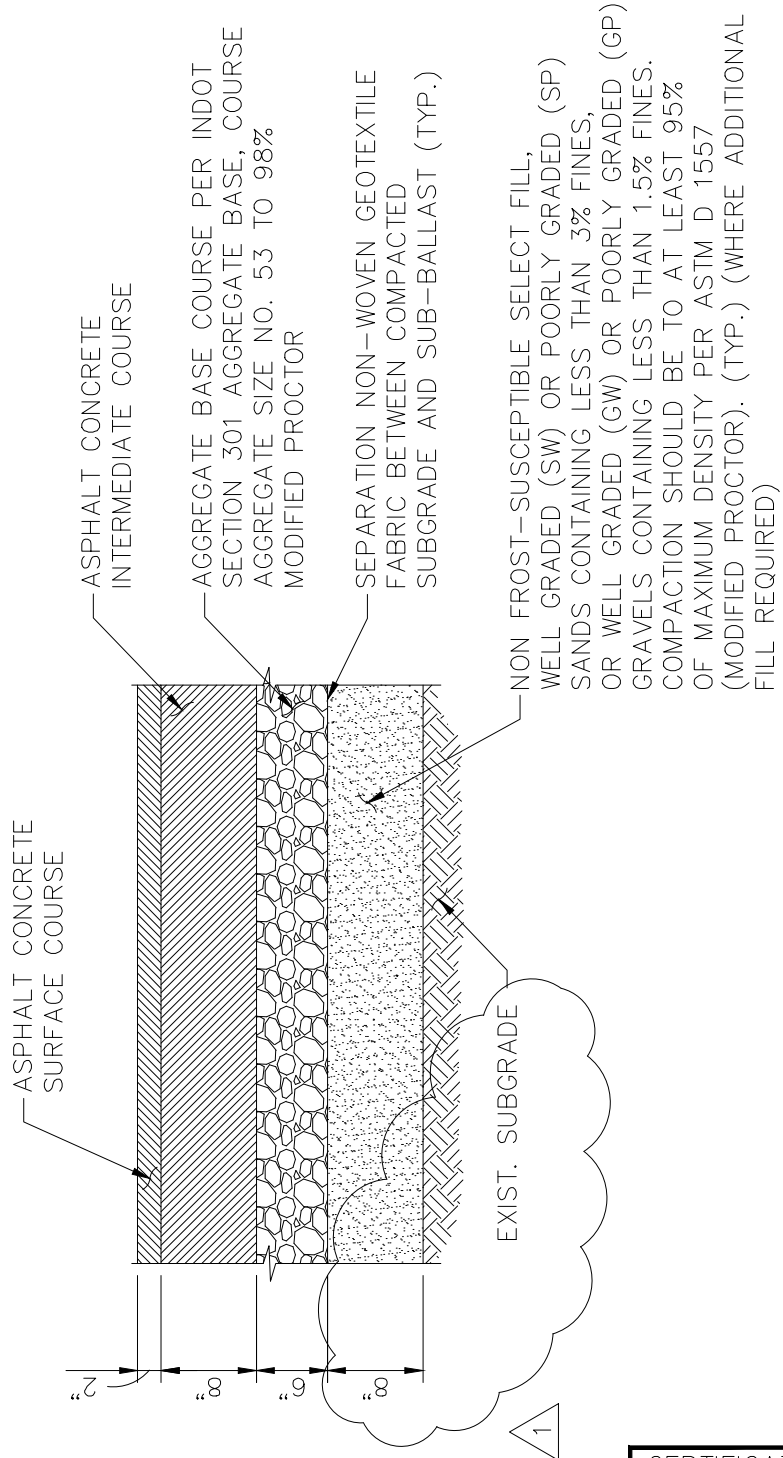
South Louisiana
 Methanol



SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE
TYPICAL CRUSHED STONE
SURFACE SECTION

SHEET No.	
20	
REV	DATE
1	11/20/19



TYPICAL ASPHALT CONCRETE SECTION
 SCALE: N.T.S.

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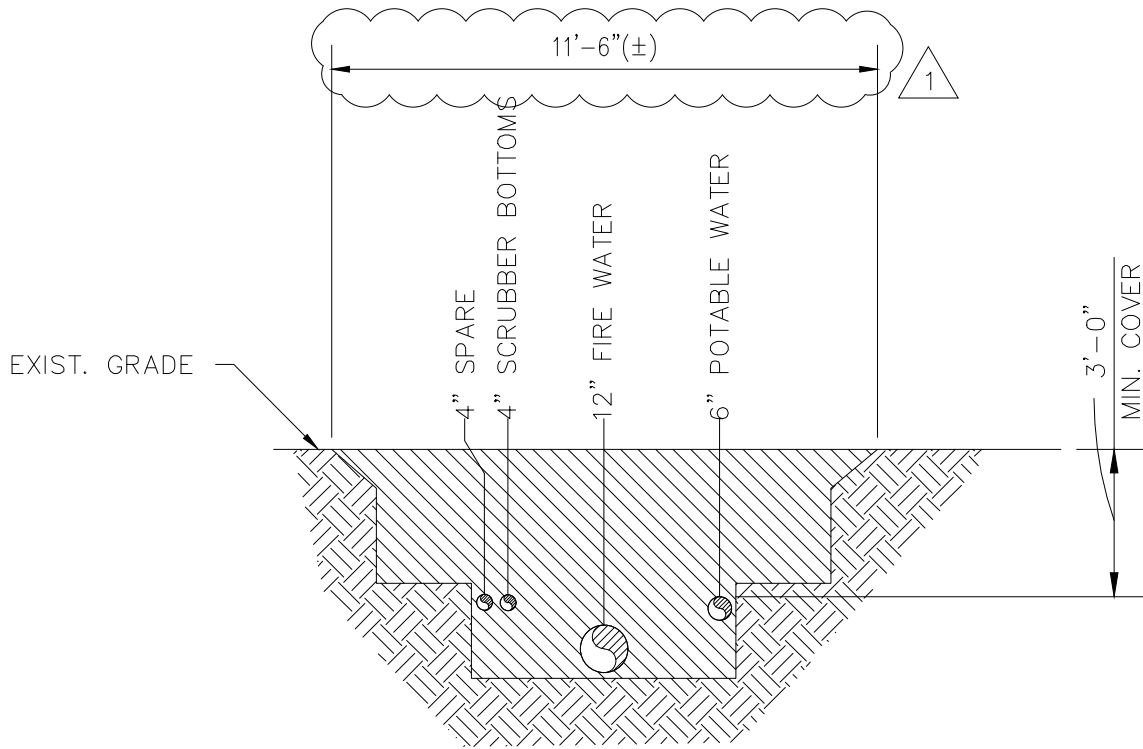
PRELIMINARY - FOR PERMIT PURPOSES ONLY



SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE
TYPICAL ASPHALT CONCRETE SECTION

SHEET No.	
21	
REV	DATE
1	11/20/19



UNDERGROUND PIPELINE SECTION M
 SCALE: N.T.S. 27

LEGEND	
	EXIST SOIL
	EXCAVATED MATERIAL TO BE REUSED

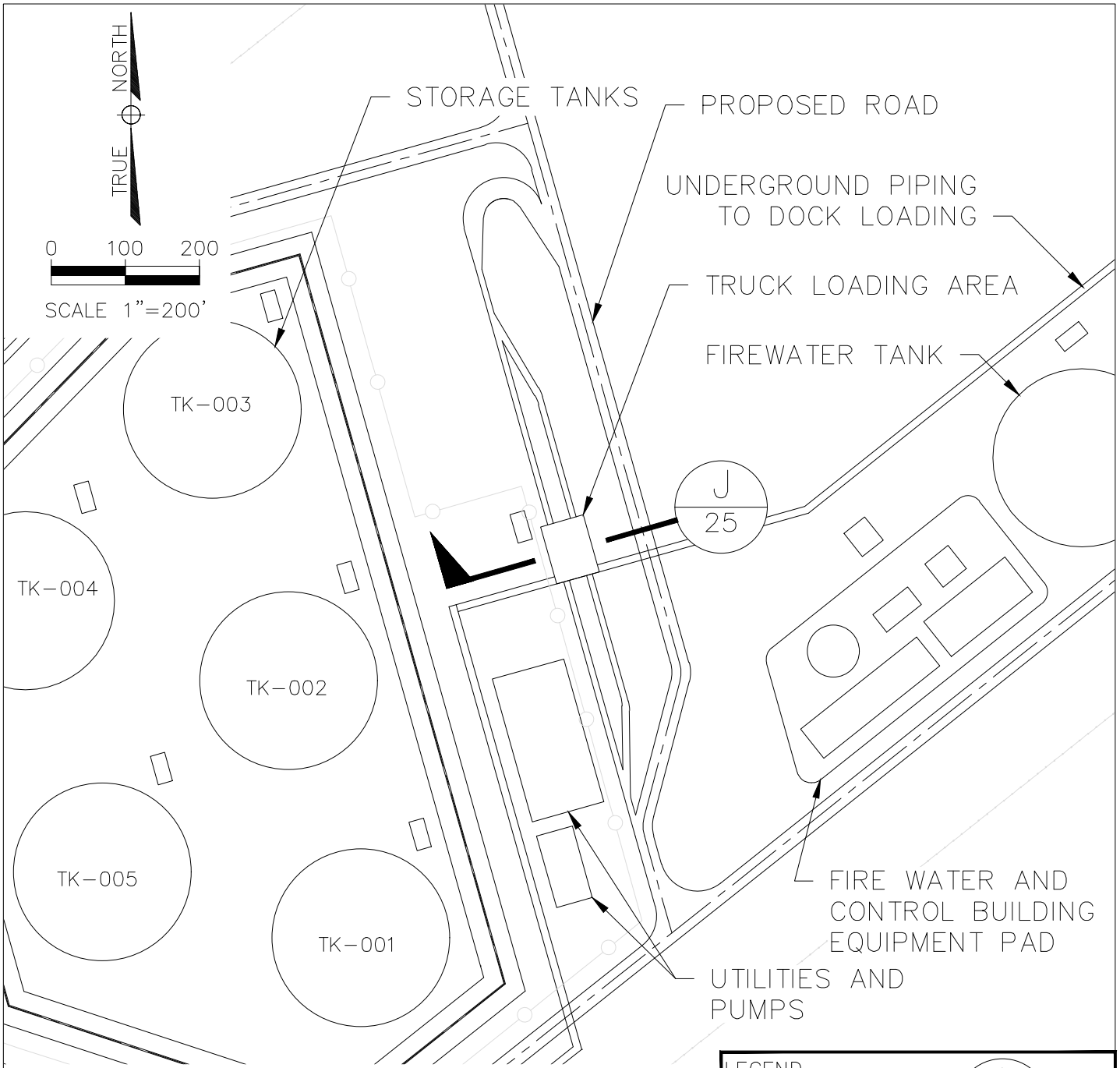
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SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE
TYPICAL UNDERGROUND PIPELINE SECTION

SHEET No.	
22	
REV	DATE
1	11/20/19



TRUCK LOADING PLAN

SCALE: 1"=200'

6
6

LEGEND	<p>A — DETAIL OR SECTION #</p> <p>0 — DWG #</p>
--------	---

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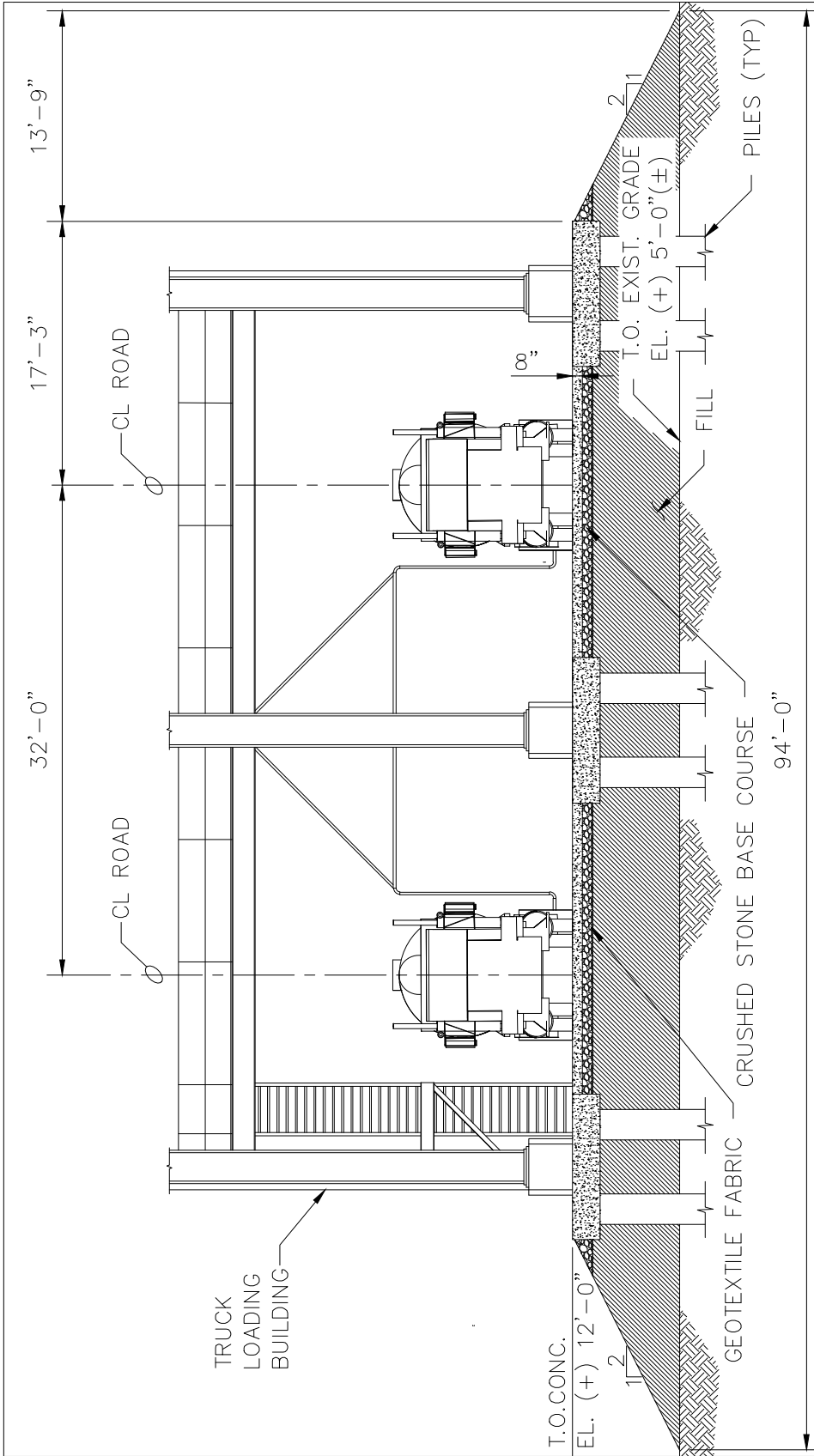
South Louisiana Methanol



SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE TRUCK LOADING PLAN

SHEET No.	
24	
REV	DATE
0	09/23/19



TRUCK LOADING SECTION J
 SCALE: 3/32" = 1'-0" 24

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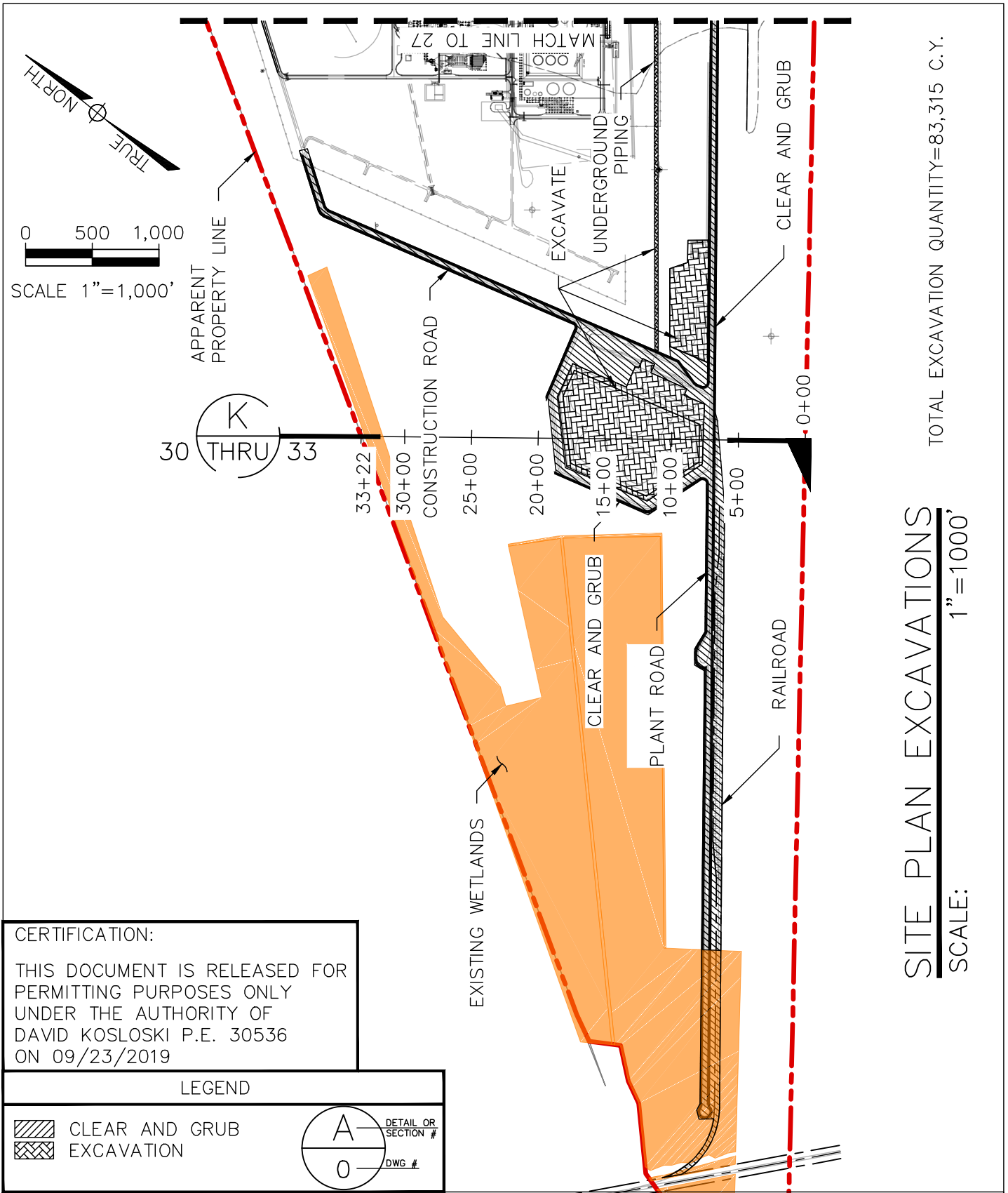
South Louisiana
 Methanol



SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
 TRUCK LOADING SECTION**

SHEET No.	
25	
REV	DATE
0	09/23/19



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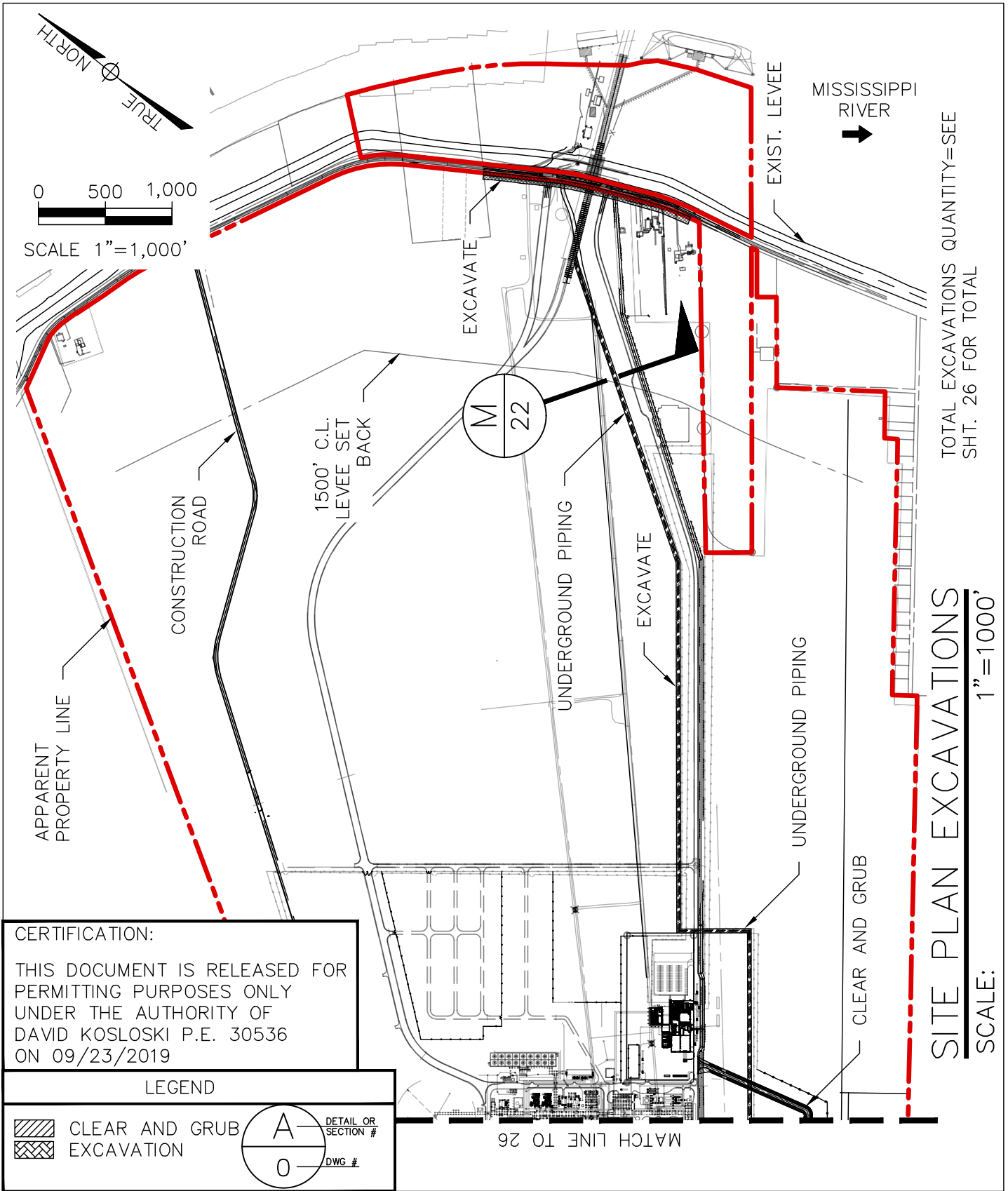
PRELIMINARY - FOR PERMIT PURPOSES ONLY

South Louisiana Methanol

SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE
SITE PLAN EXCAVATIONS
 (SHEET 1 OF 2)

SHEET No.	
26	
REV	DATE
0	09/23/19



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LEGEND

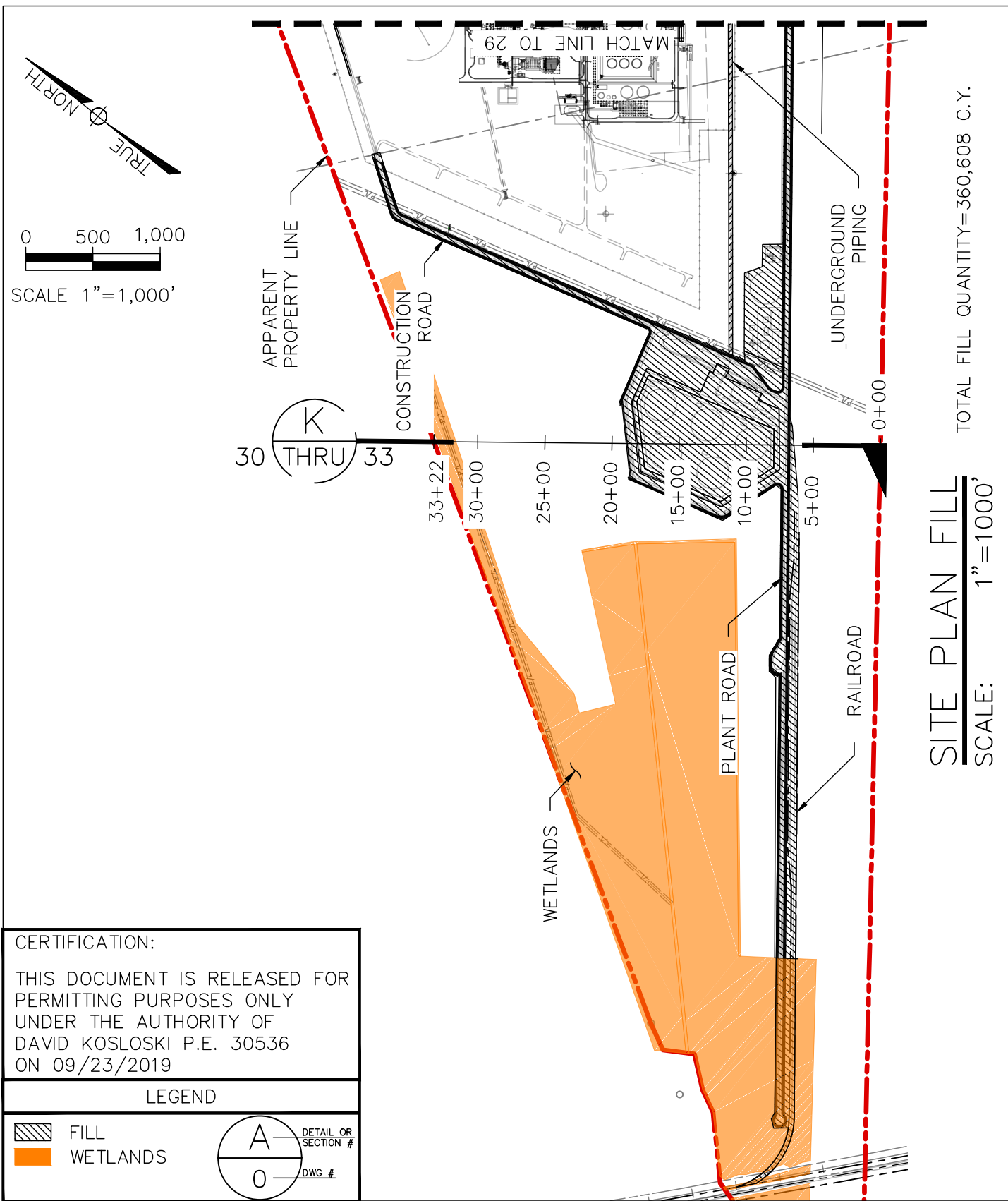
	CLEAR AND GRUB	A — DETAIL OR SECTION #
	EXCAVATION	0 — DWG #

PRELIMINARY - FOR PERMIT PURPOSES ONLY

SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE
SITE PLAN EXCAVATIONS
 (SHEET 2 OF 2)

SHEET No.	
27	
REV	DATE
0	09/23/19



SITE PLAN FILL
SCALE: 1"=1000'

TOTAL FILL QUANTITY=360,608 C.Y.

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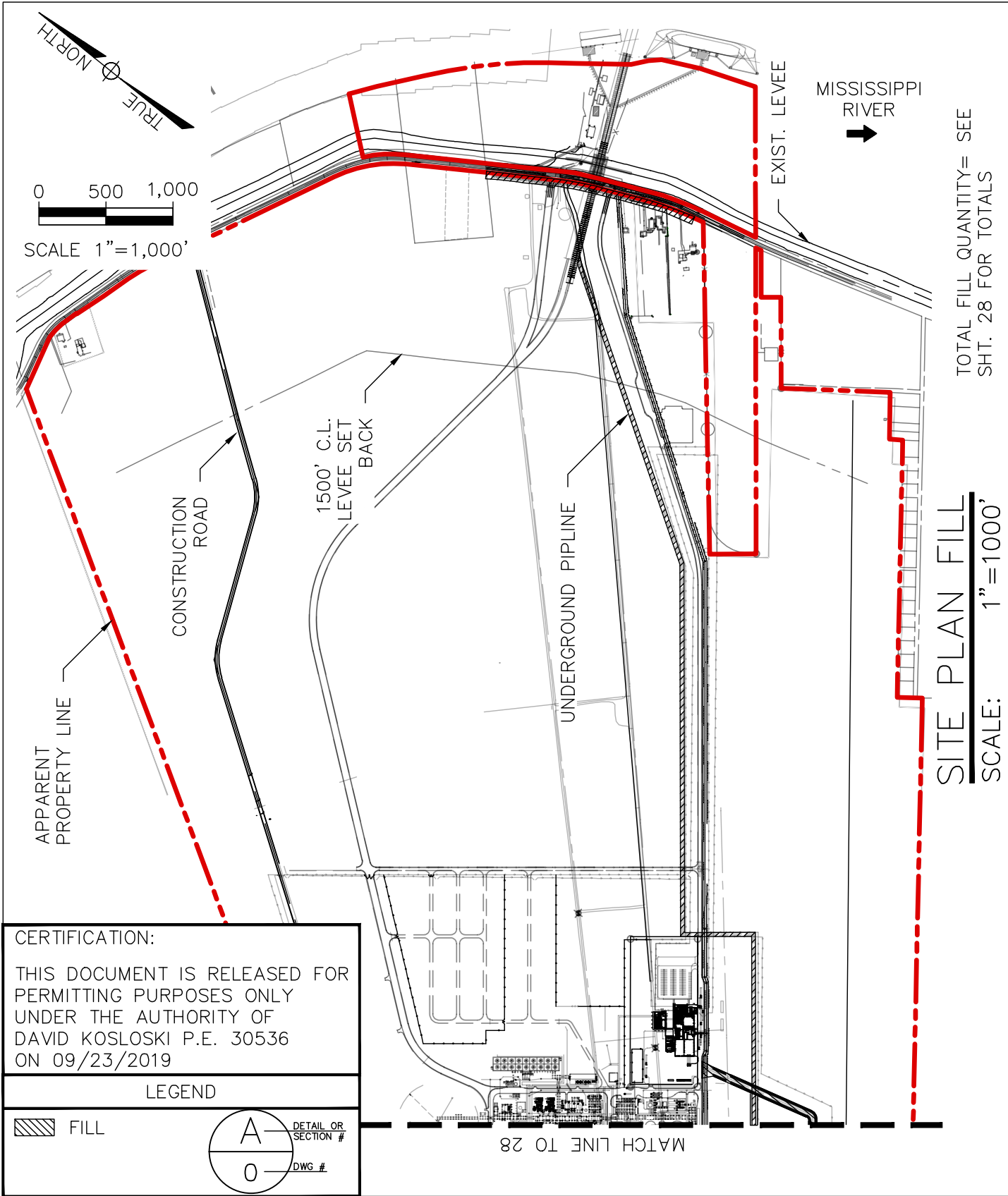
LEGEND

FILL
 WETLANDS

DETAIL OR SECTION #
 DWG #

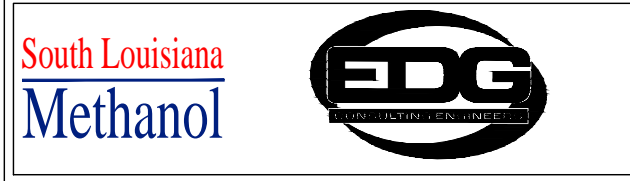
PRELIMINARY - FOR PERMIT PURPOSES ONLY

		SOUTH LOUISIANA METHANOL, LP ST. JAMES LOUISIANA		SHEET No. 28		
		SLM TERMINAL AND STORAGE SITE PLAN FILL (SHEET 1 OF 2)		<table border="1"> <tr> <th>REV</th> <th>DATE</th> </tr> <tr> <td>0</td> <td>09/23/19</td> </tr> </table>	REV	DATE
REV	DATE					
0	09/23/19					



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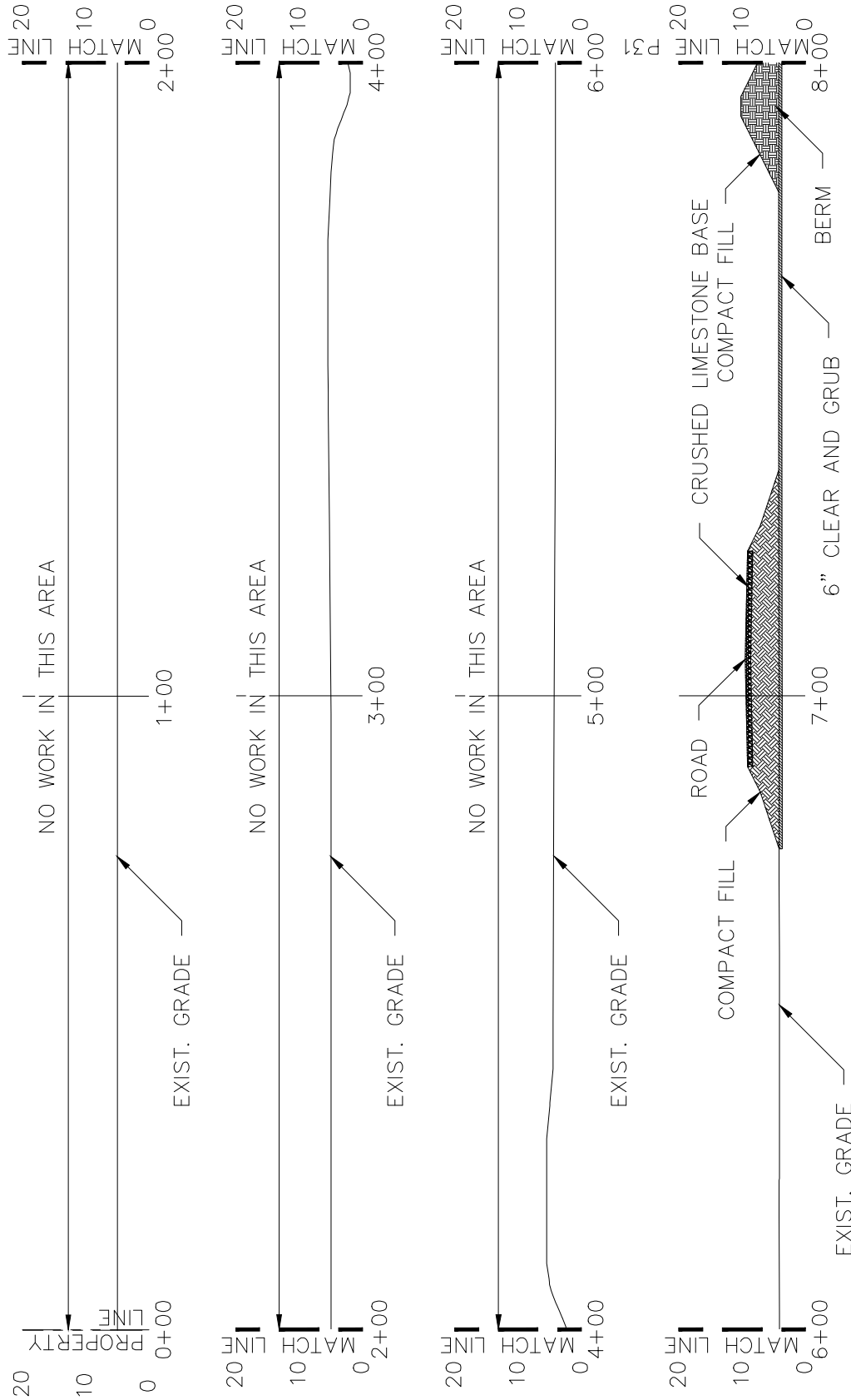


SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
 SITE PLAN FILL
 (SHEET 2 OF 2)**

SHEET No.	
29	
REV	DATE
0	09/23/19

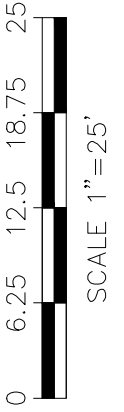
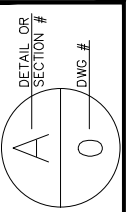
PRELIMINARY - FOR PERMIT PURPOSES ONLY



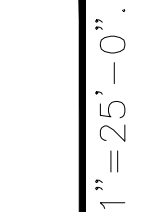
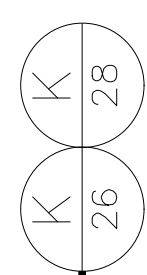
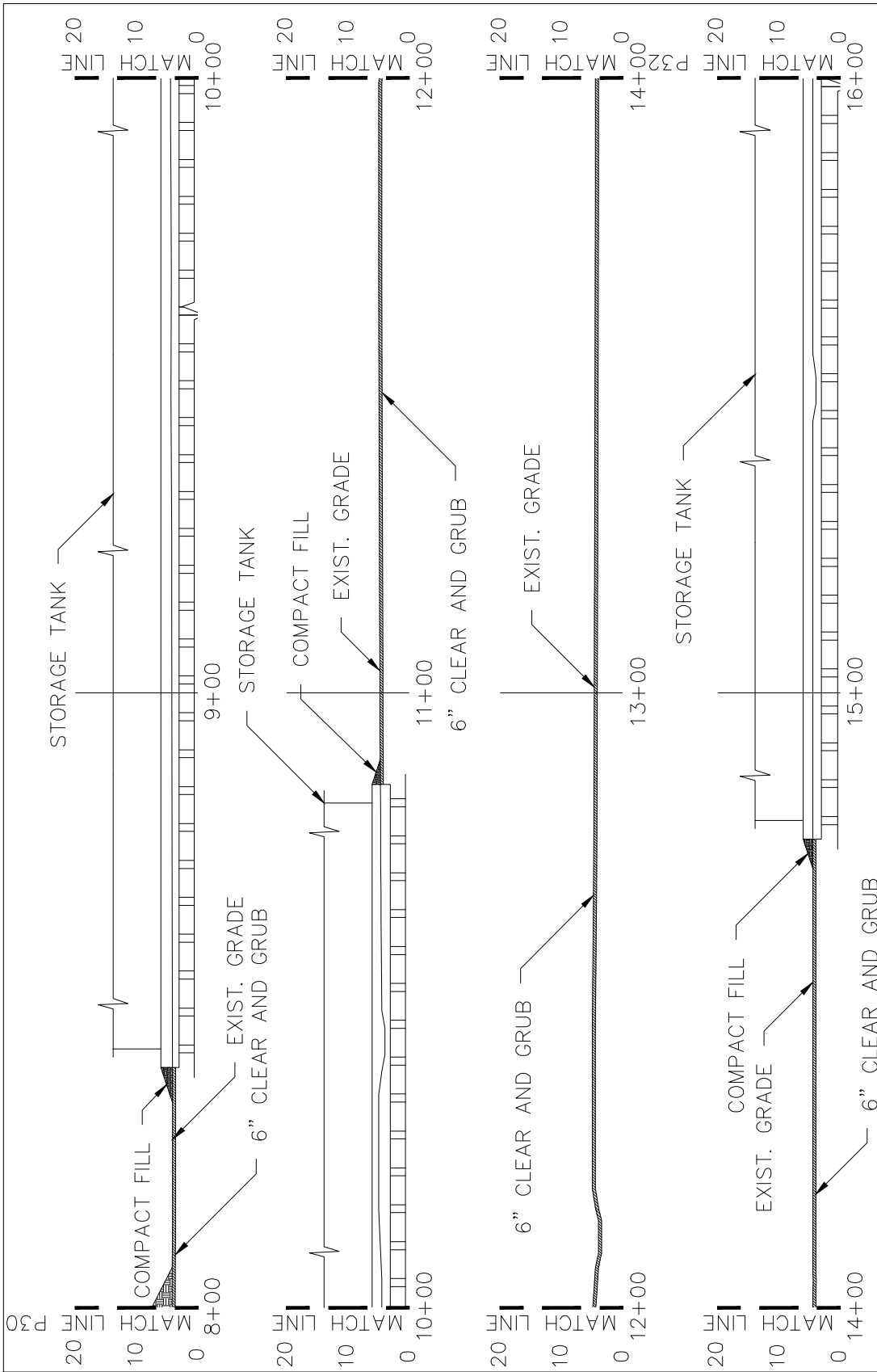
SECTION
K 26 / K 28

SCALE: 1" = 25'-0"

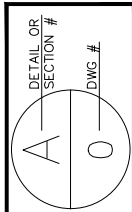
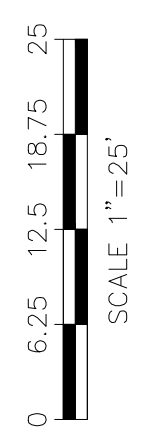
LEGEND



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SECTION
SCALE: 1"=25'-0"



LEGEND

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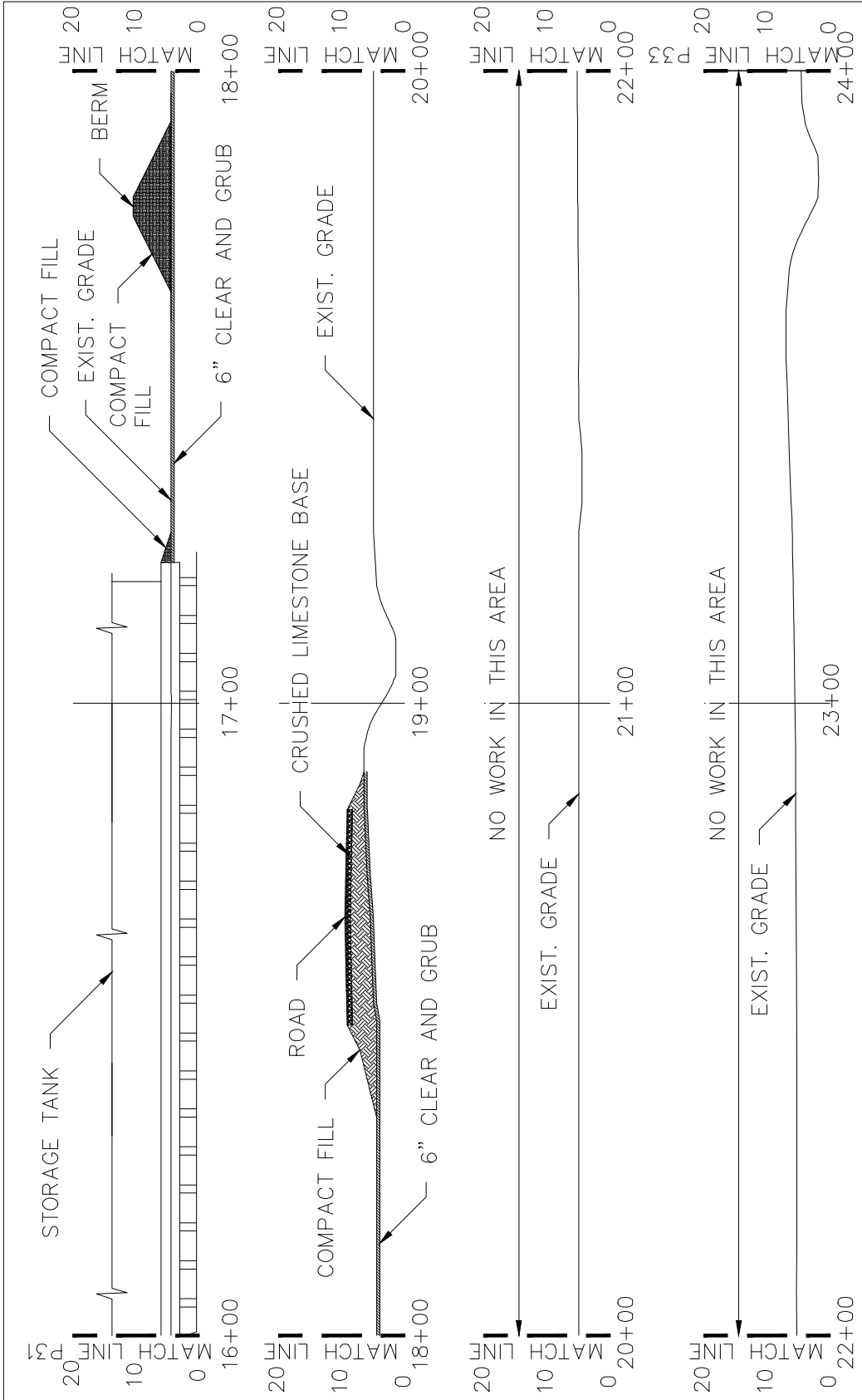
South Louisiana
Methanol



SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

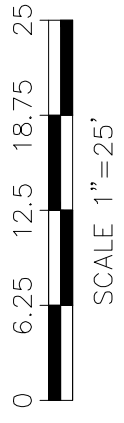
**SLM TERMINAL AND STORAGE
EXCAVATION AND FILL SECTION**

SHEET No.	
31	
REV	DATE
0	09/23/19



SECTION **K 28**

SCALE: 1" = 25'-0"



LEGEND

DETAIL OR SECTION #	DWG. #
A	0

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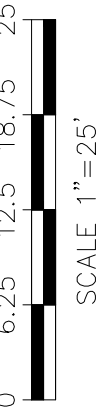
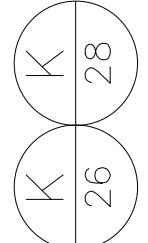
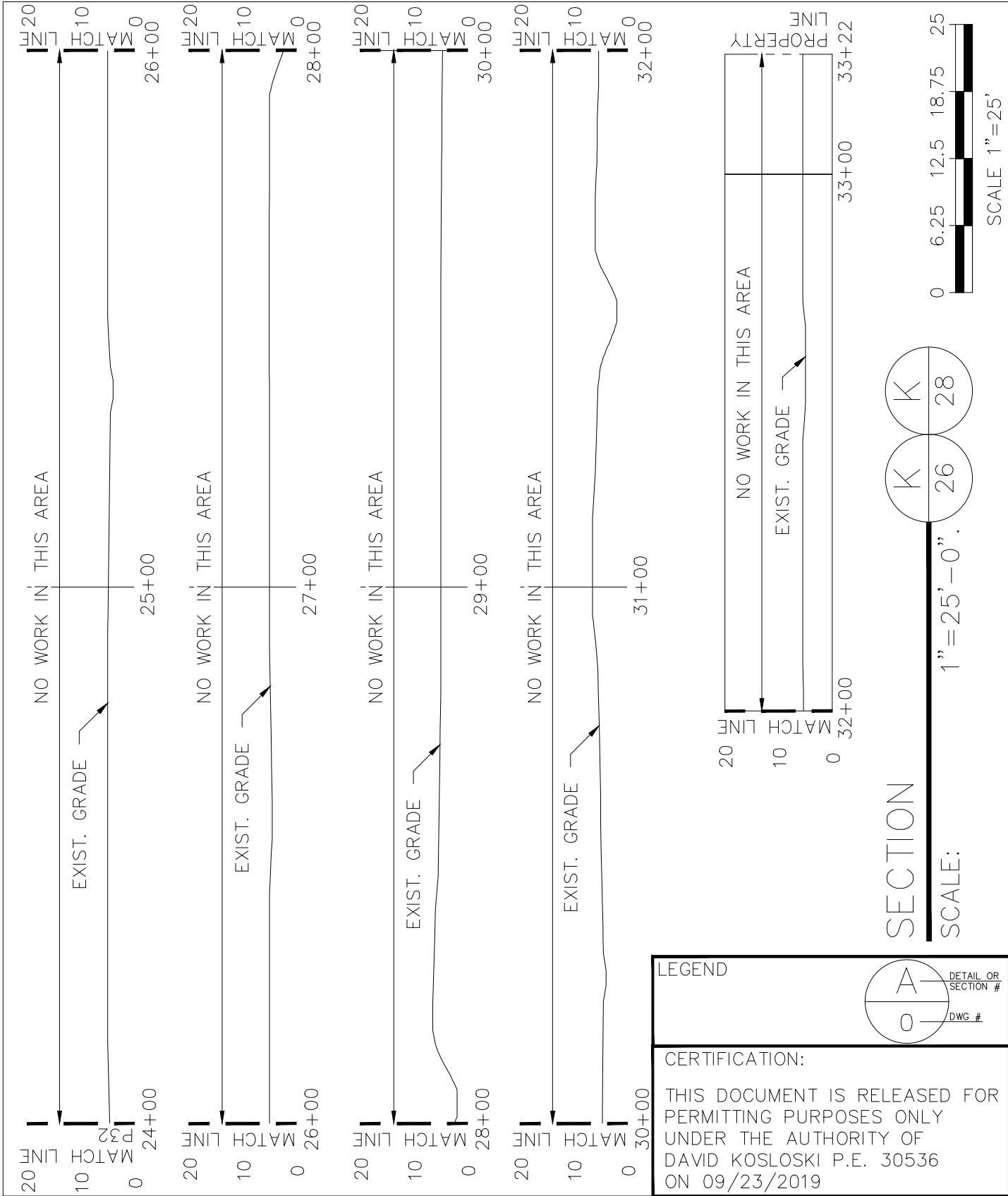
PRELIMINARY - FOR PERMIT PURPOSES ONLY

South Louisiana Methanol
 EDG
 ENGINEERING

SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE EXCAVATION AND FILL SECTION

SHEET No.	
32	
REV	DATE
0	09/23/19



SECTION
SCALE: 1" = 25'-0"

LEGEND		
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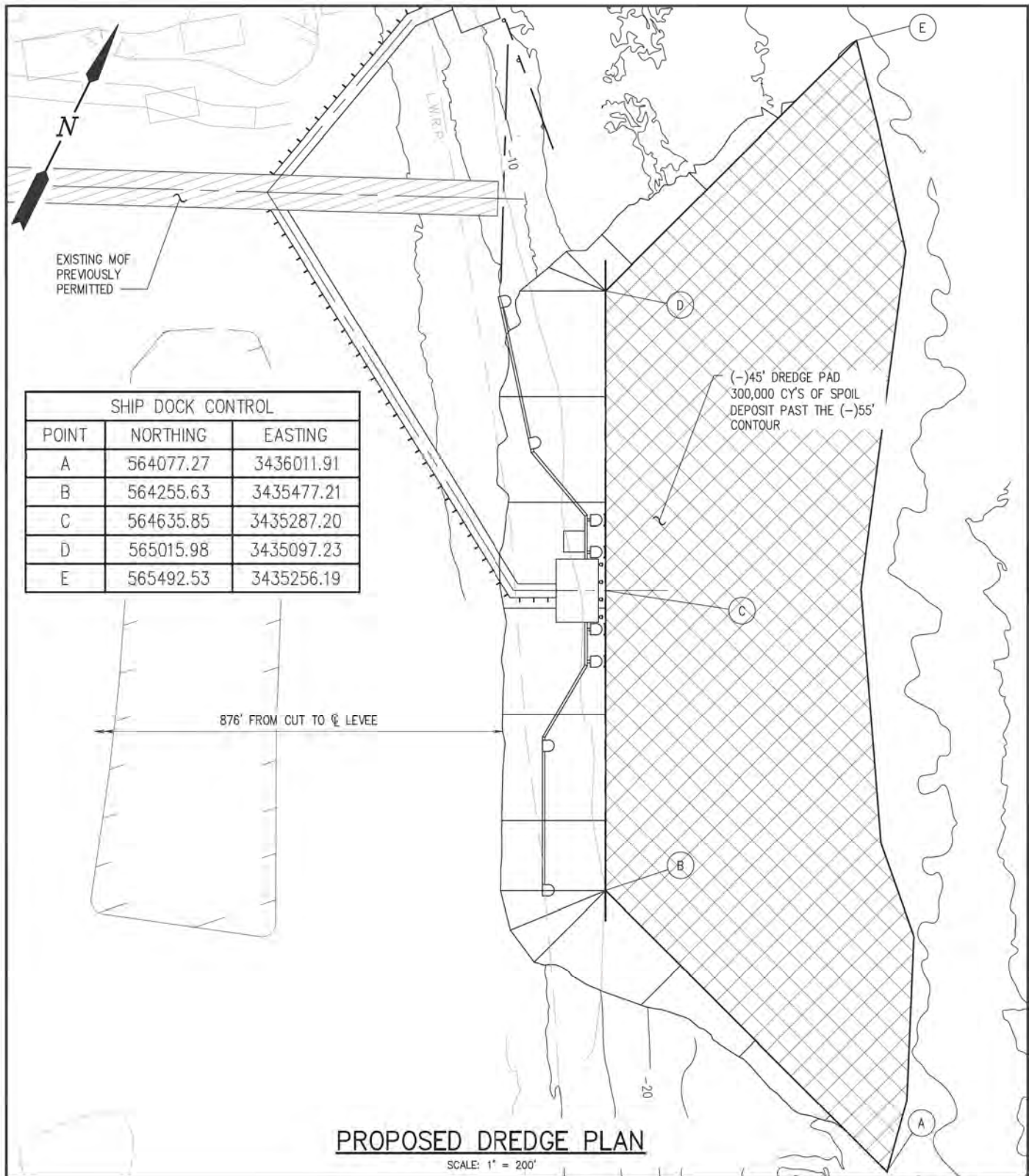
PRELIMINARY - FOR PERMIT PURPOSES ONLY

SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE EXCAVATION AND FILL SECTION

SHEET No.	
33	
REV	DATE
0	09/23/19

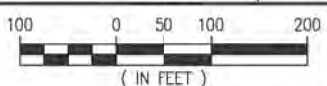
J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-34.DWG



SHIP DOCK CONTROL		
POINT	NORTHING	EASTING
A	564077.27	3436011.91
B	564255.63	3435477.21
C	564635.85	3435287.20
D	565015.98	3435097.23
E	565492.53	3435256.19

PROPOSED DREDGE PLAN

SCALE: 1" = 200'



ALBERT R. FAVALORA, PE
LA PE #35134
LANIER AND ASSOCIATES
CONSULTING ENGINEERS, INC.

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South Louisiana
Methanol



SOUTH LOUISIANA METHANOL, LP.
ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
LIQUID DOCK
PROPOSED DREDGE PLAN**

SHEET No.	
34	
REV	DATE
0	09/23/19

South Louisiana
Methanol

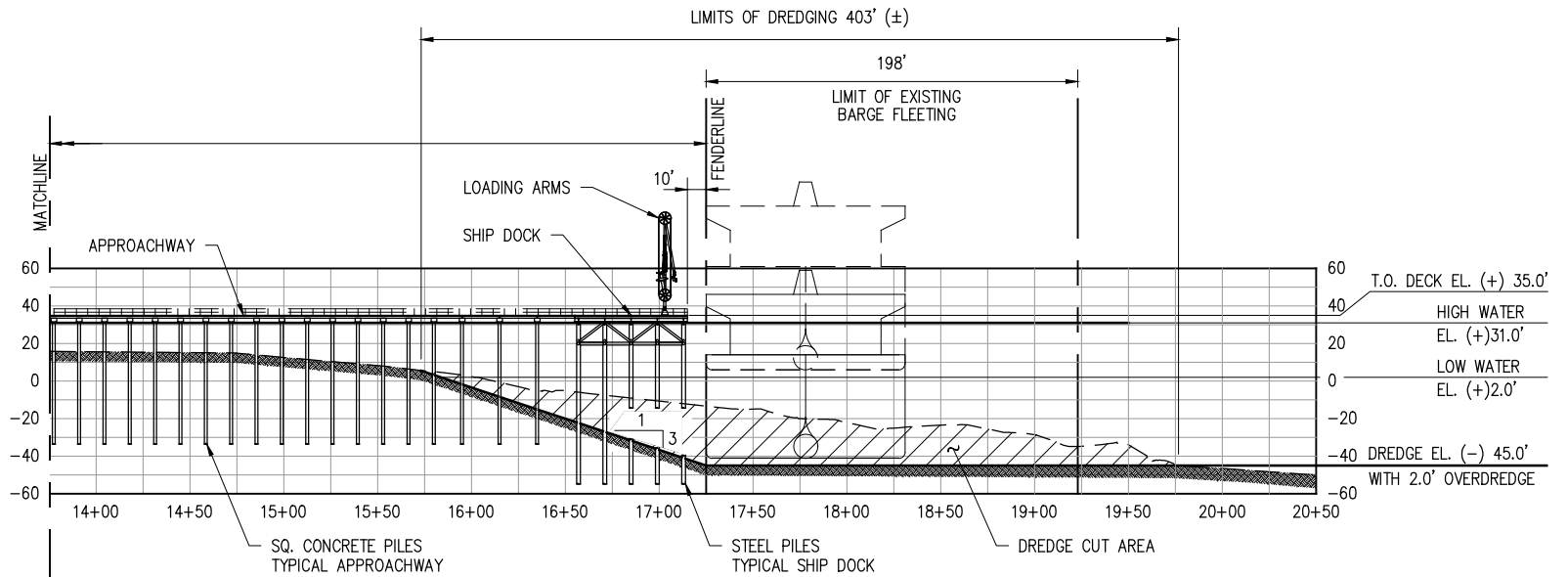
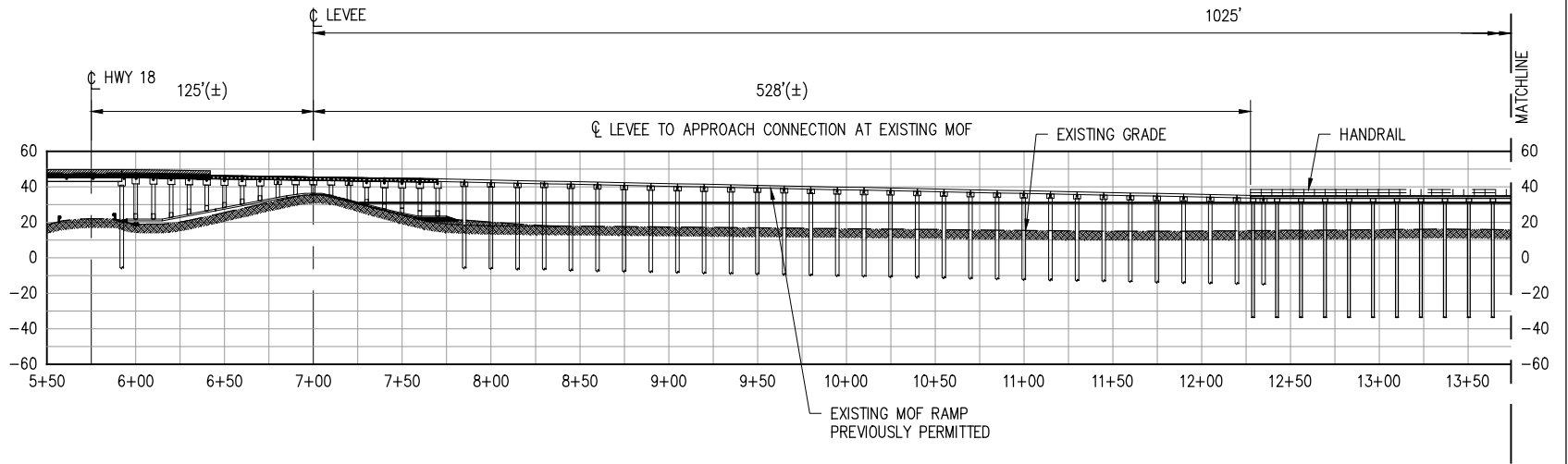
LANIER & ASSOCIATES
CONSULTING ENGINEERS
INCORPORATED

SOUTH LOUISIANA METHANOL, LP.
ST JAMES, LOUISIANA
SLM TERMINAL AND STORAGE
SHIP DOCK
SECTION

SHEET No.	37
REV	DATE
1	11/18/19

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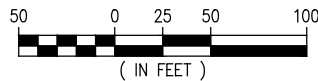
ALBERT R. FAYALORA, PE
LA PE #35134
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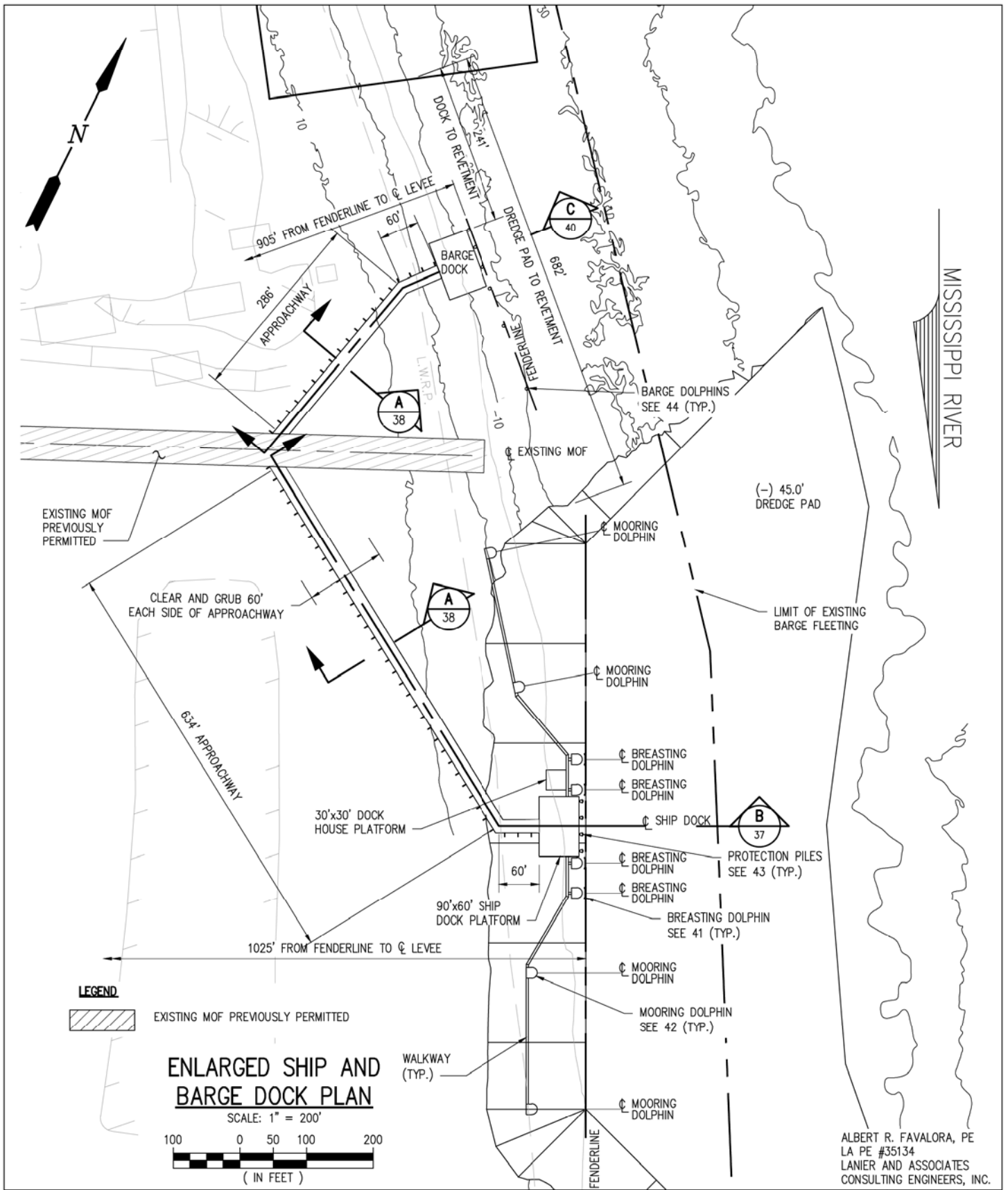
SHIP DOCK SECTION

SCALE: 1" = 100'


B
35



J:\110005\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-35.DWG

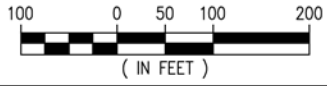


LEGEND

 EXISTING MOF PREVIOUSLY PERMITTED

ENLARGED SHIP AND BARGE DOCK PLAN

SCALE: 1" = 200'



PRELIMINARY - FOR PERMIT PURPOSES ONLY

ALBERT R. FAVALORA, PE
LA PE #35134
LANIER AND ASSOCIATES
CONSULTING ENGINEERS, INC.

South Louisiana
Methanol

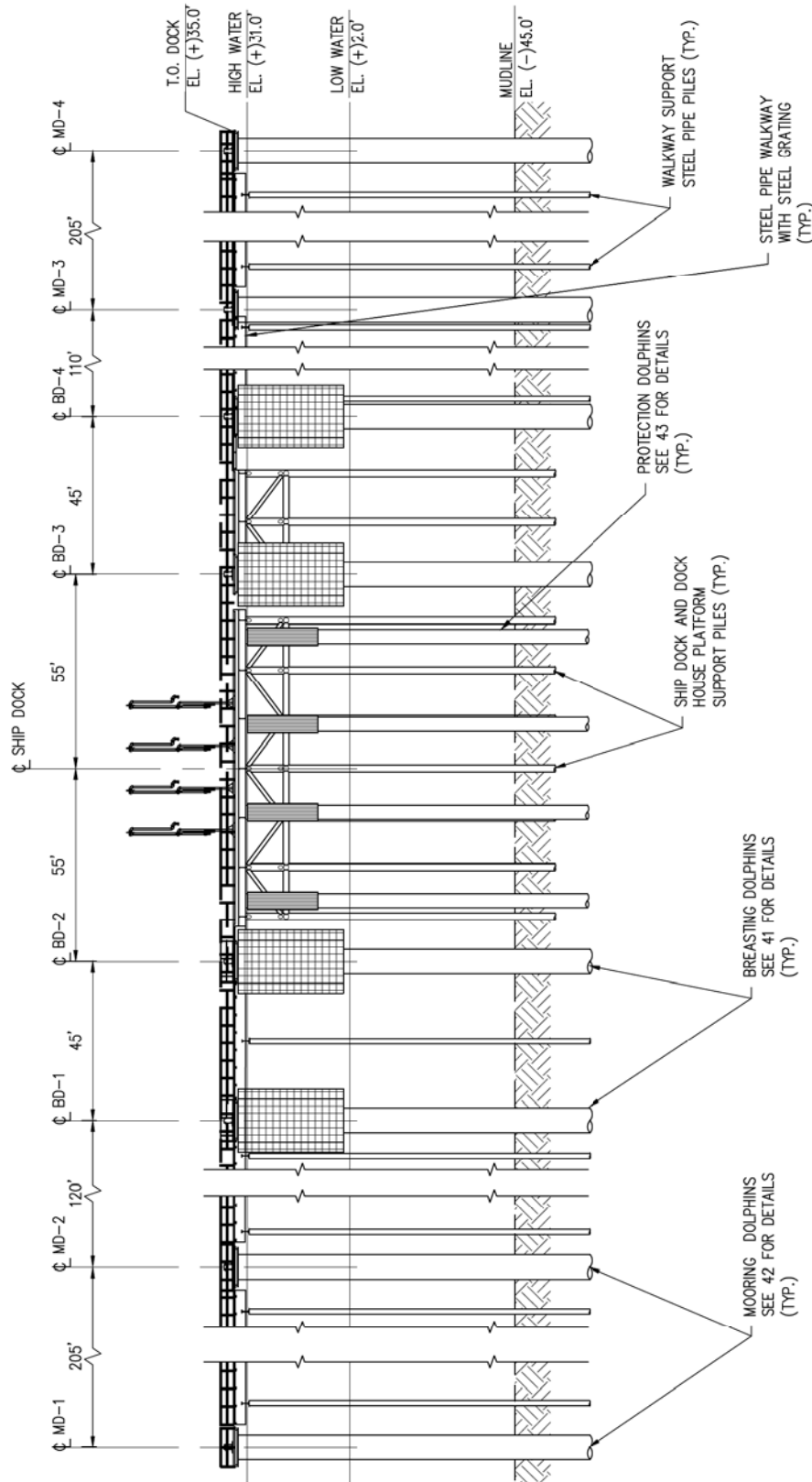


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SOUTH LOUISIANA METHANOL, LP.
ST JAMES LOUISIANA

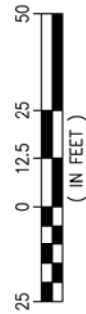
**SLM TERMINAL AND STORAGE
ENLARGED SHIP AND BARGE PLAN**

SHEET No.	
35	
REV	DATE
0	09/23/19



SHIP DOCK FRONT ELEVATION

SCALE: 1" = 50'



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LA PE #35134
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South Louisiana
Methanol



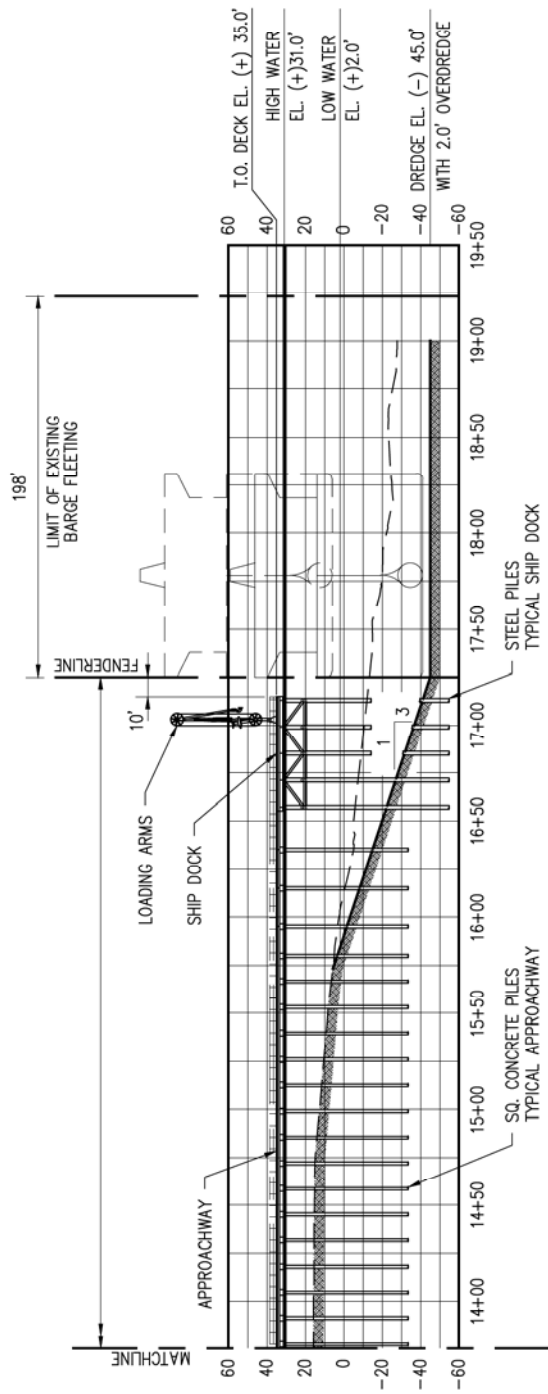
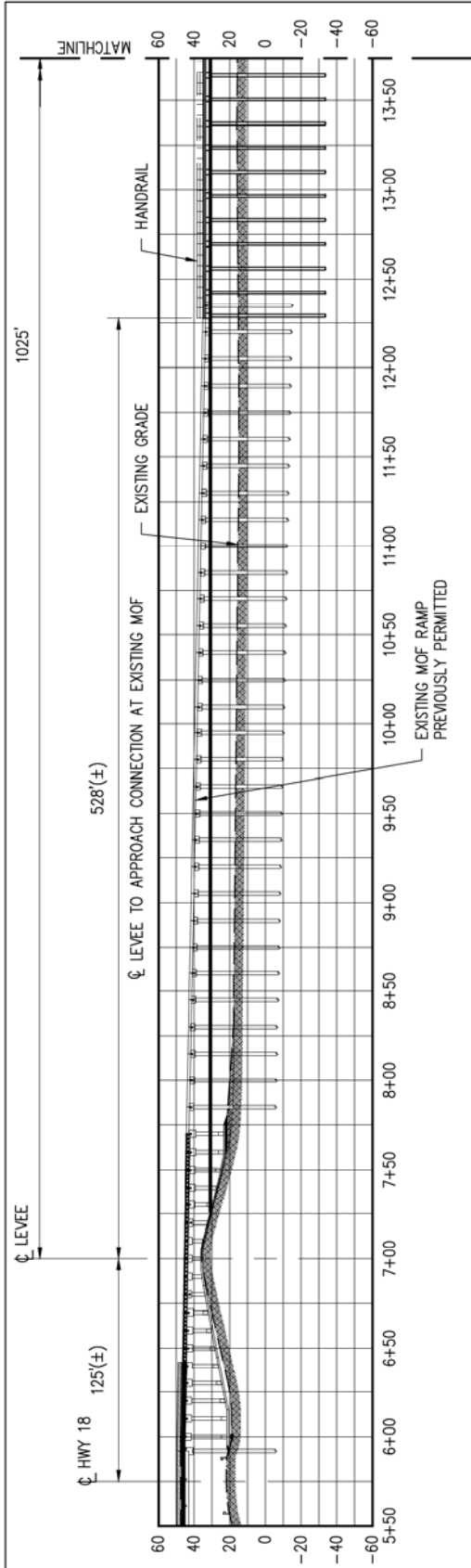
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ST JAMES LOUISIANA

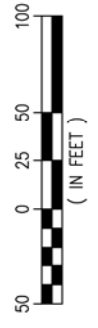
**SLM TERMINAL AND STORAGE
SHIP DOCK
FRONT ELEVATION**

SHEET No.	
36	
REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-37.DWG



SHIP DOCK SECTION
 SCALE: 1" = 100'
 B 35



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 LA PE #35134
 LANIER AND ASSOCIATES
 CONSULTING ENGINEERS, INC.

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Methanol

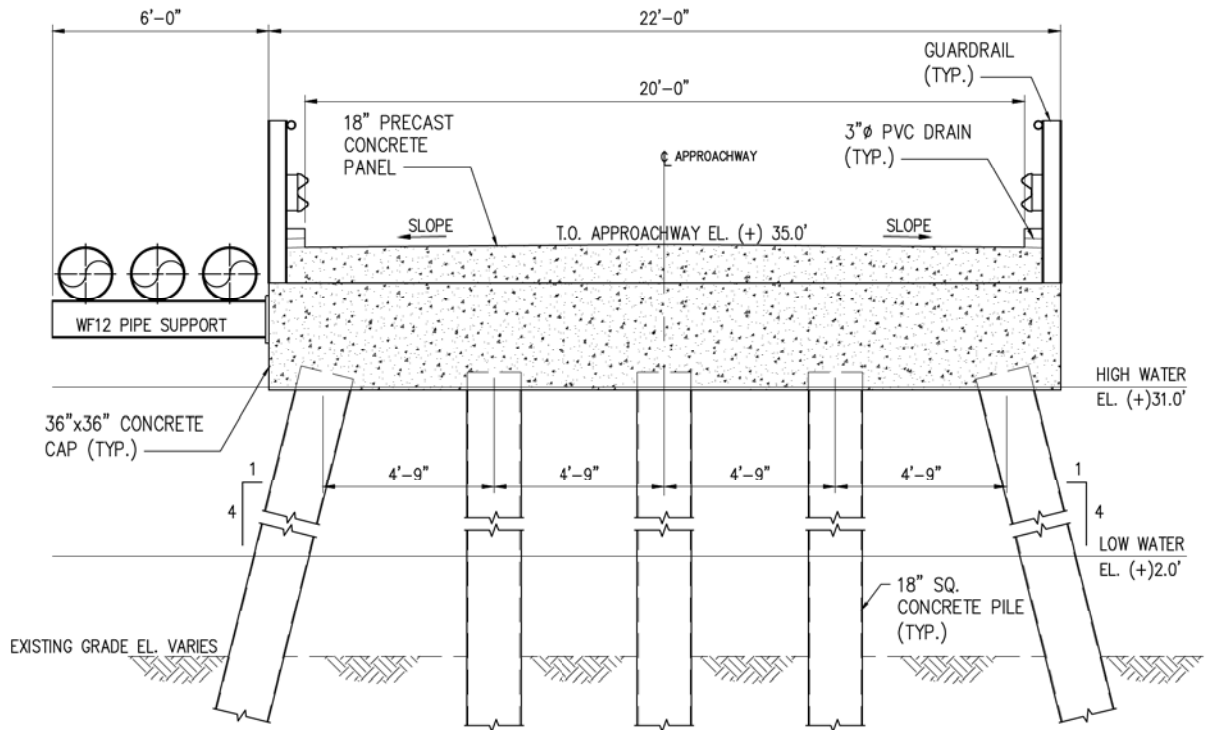
LANIER & ASSOCIATES
 CONSULTING ENGINEERS
 INCORPORATED

SOUTH LOUISIANA METHANOL, LP.
 ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
 SHIP DOCK
 SECTION**

SHEET No.	
37	
REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-38.DWG



APPROACHWAY SECTION (A)
 SCALE: 3/16" = 1'-0"



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Methanol



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 CONSULTING ENGINEERS
 INCORPORATED

SOUTH LOUISIANA METHANOL, LP.
 ST JAMES LOUISIANA

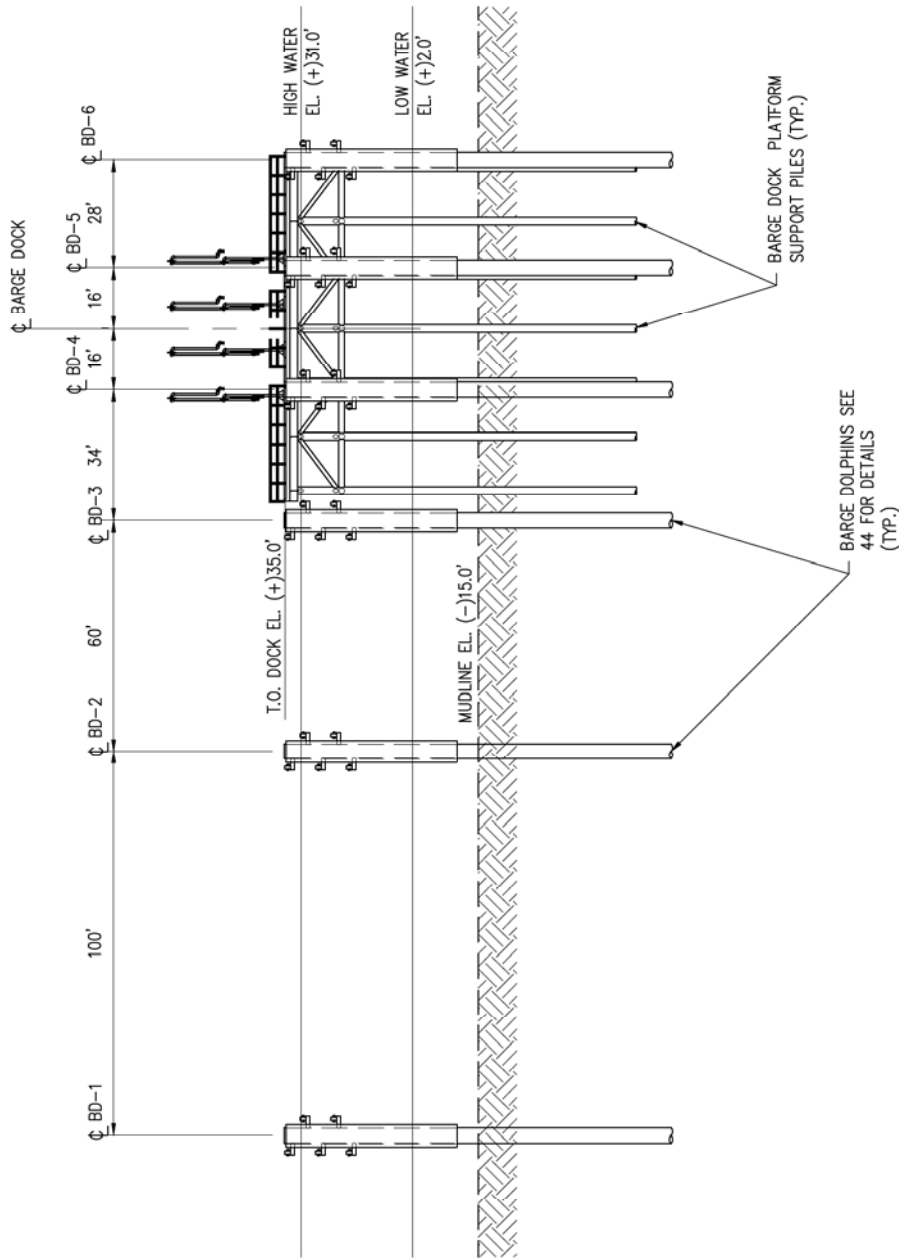
**SLM TERMINAL AND STORAGE
 SHIP AND BARGE DOCK
 APPROACHWAY SECTION**

SHEET No.

38

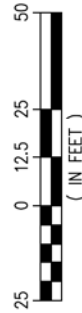
REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-39.DWG



BARGE DOCK FRONT ELEVATION

SCALE: 1" = 50'



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LA PE #35134
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INCORPORATED

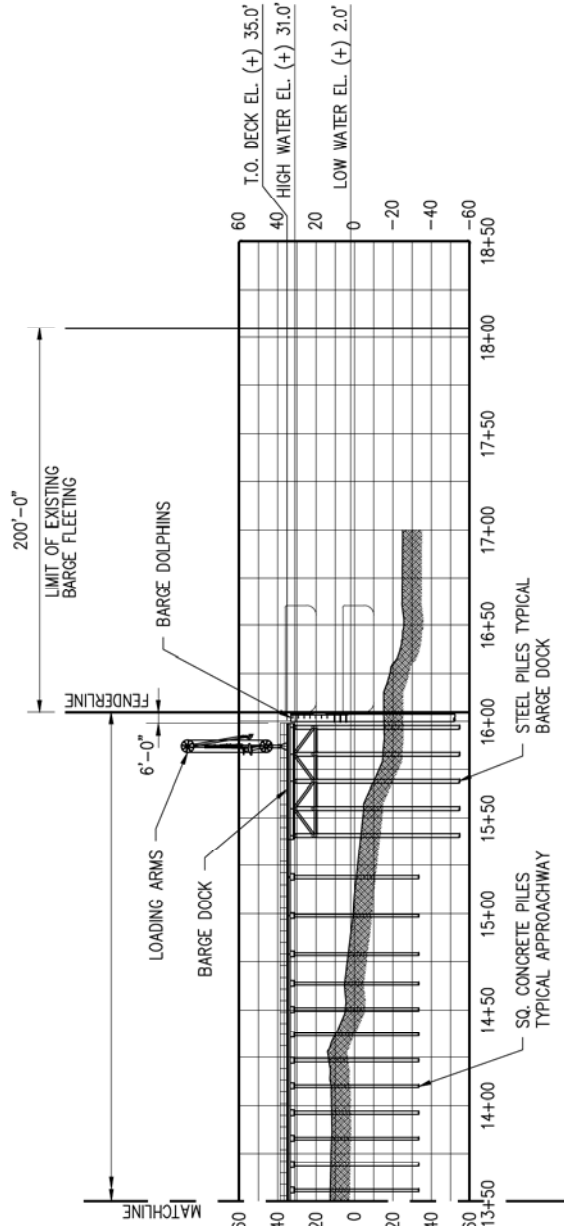
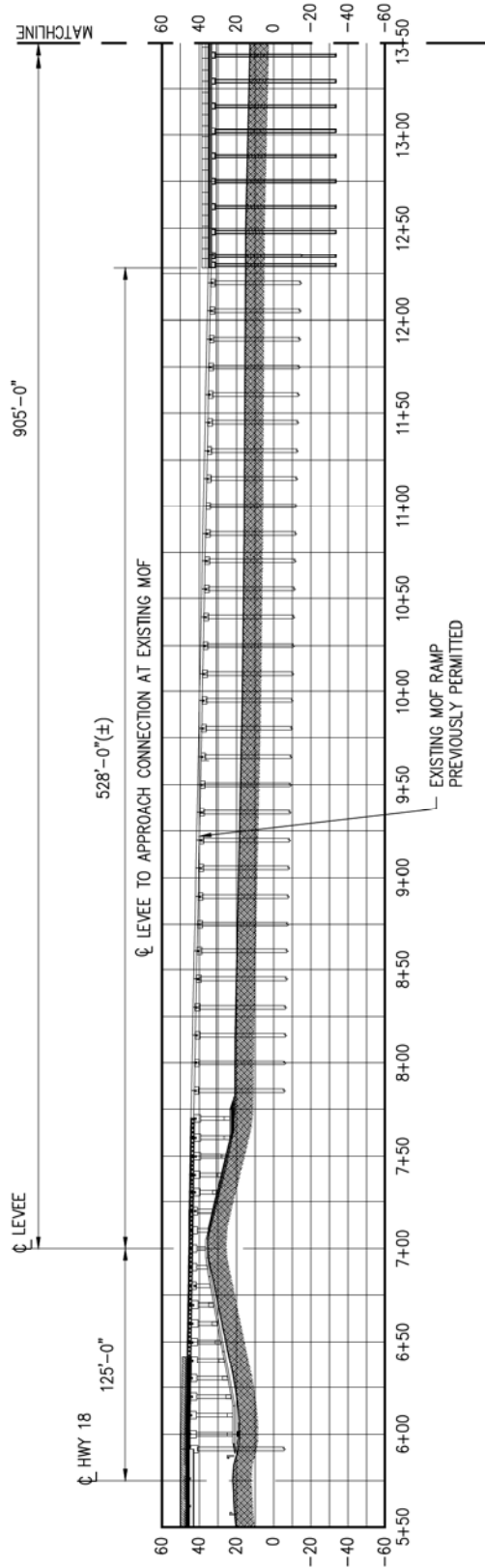
SOUTH LOUISIANA METHANOL, LP.
ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
BARGE DOCK
FRONT ELEVATION**

SHEET No.

39

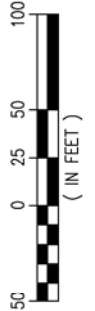
REV	DATE
1	11/18/19



C 35

BARGE DOCK SECTION

SCALE: 1/4" = 1'-0"



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LA PE #35134
LANIER AND ASSOCIATES
CONSULTING ENGINEERS, INC.

PRELIMINARY - FOR PERMIT PURPOSES ONLY

South Louisiana
Methanol



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SOUTH LOUISIANA METHANOL, LP.
ST JAMES LOUISIANA

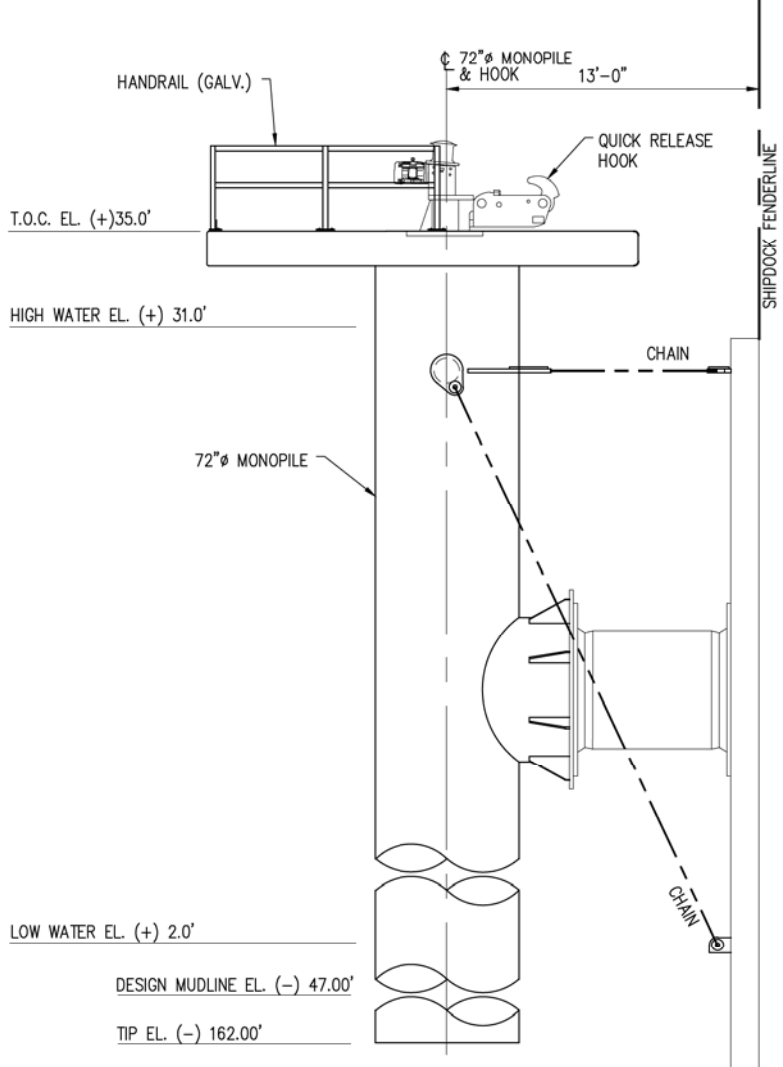
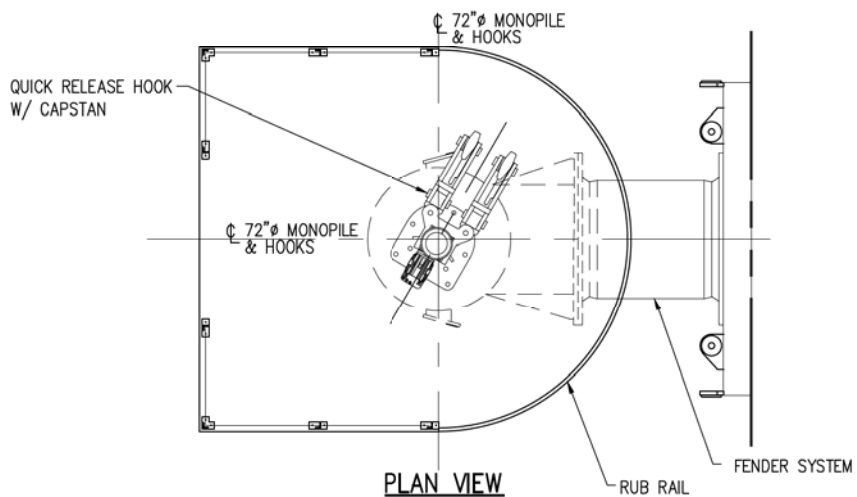
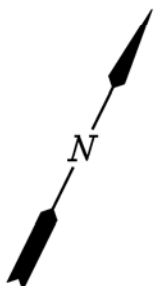
**SLM TERMINAL AND STORAGE
BARGE DOCK
SECTION**

SHEET No.

40

REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-41.DWG



BREASTING DOLPHIN
SCALE: 1/8" = 1'-0"

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LA PE #35134
LANIER AND ASSOCIATES
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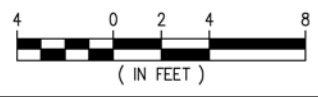
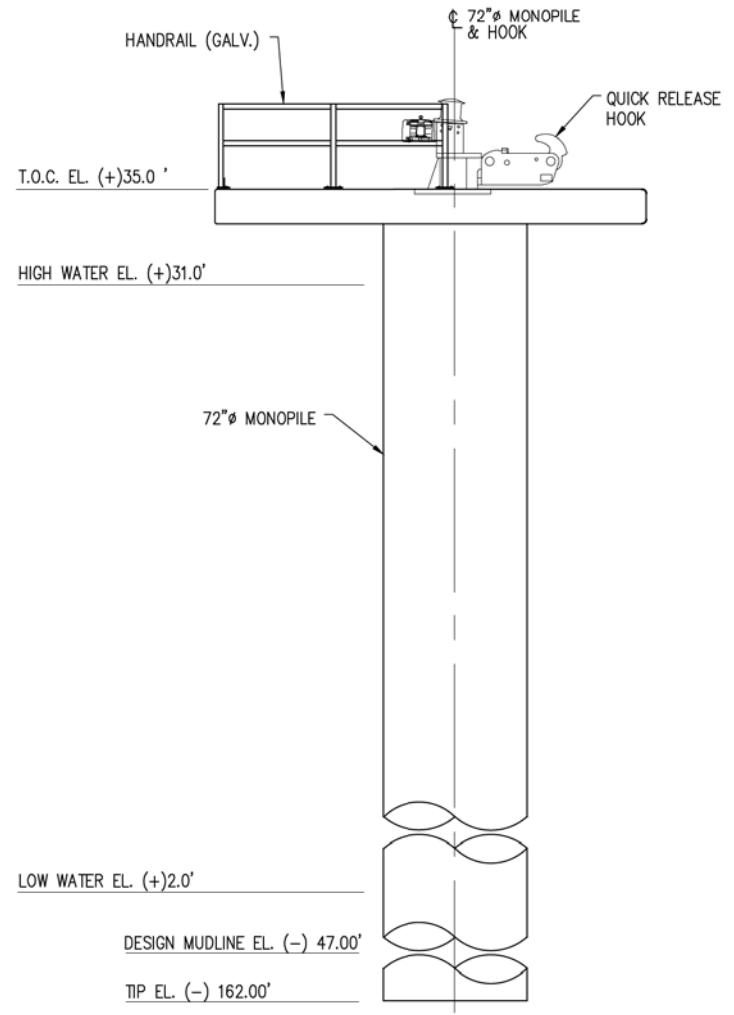
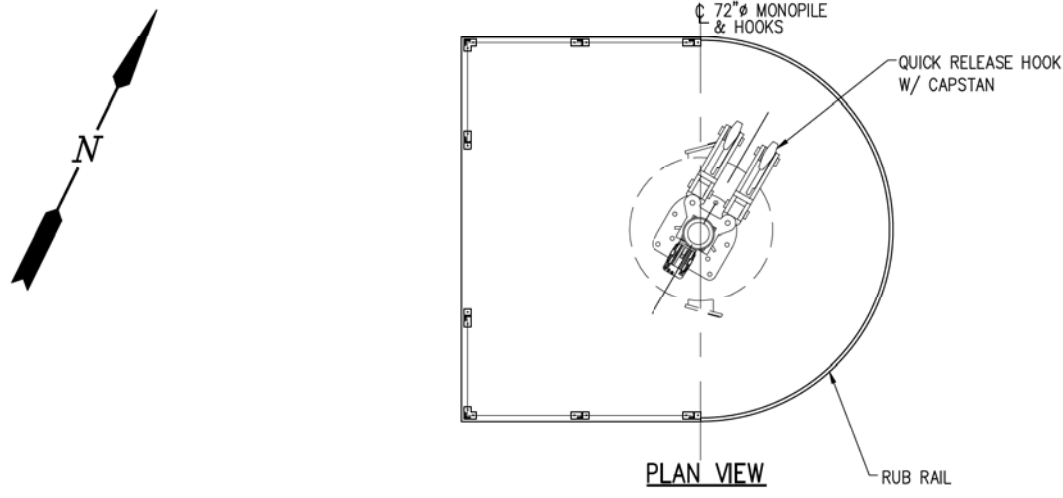


SOUTH LOUISIANA METHANOL, LP.
ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
SHIP DOCK
BREASTING DOLPHIN**

SHEET No.	
41	
REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-42.DWG



MOORING DOLPHIN
SCALE: 1/8" = 1'-0"

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LA PE #35134
LANIER AND ASSOCIATES
CONSULTING ENGINEERS, INC.

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Methanol

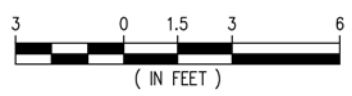
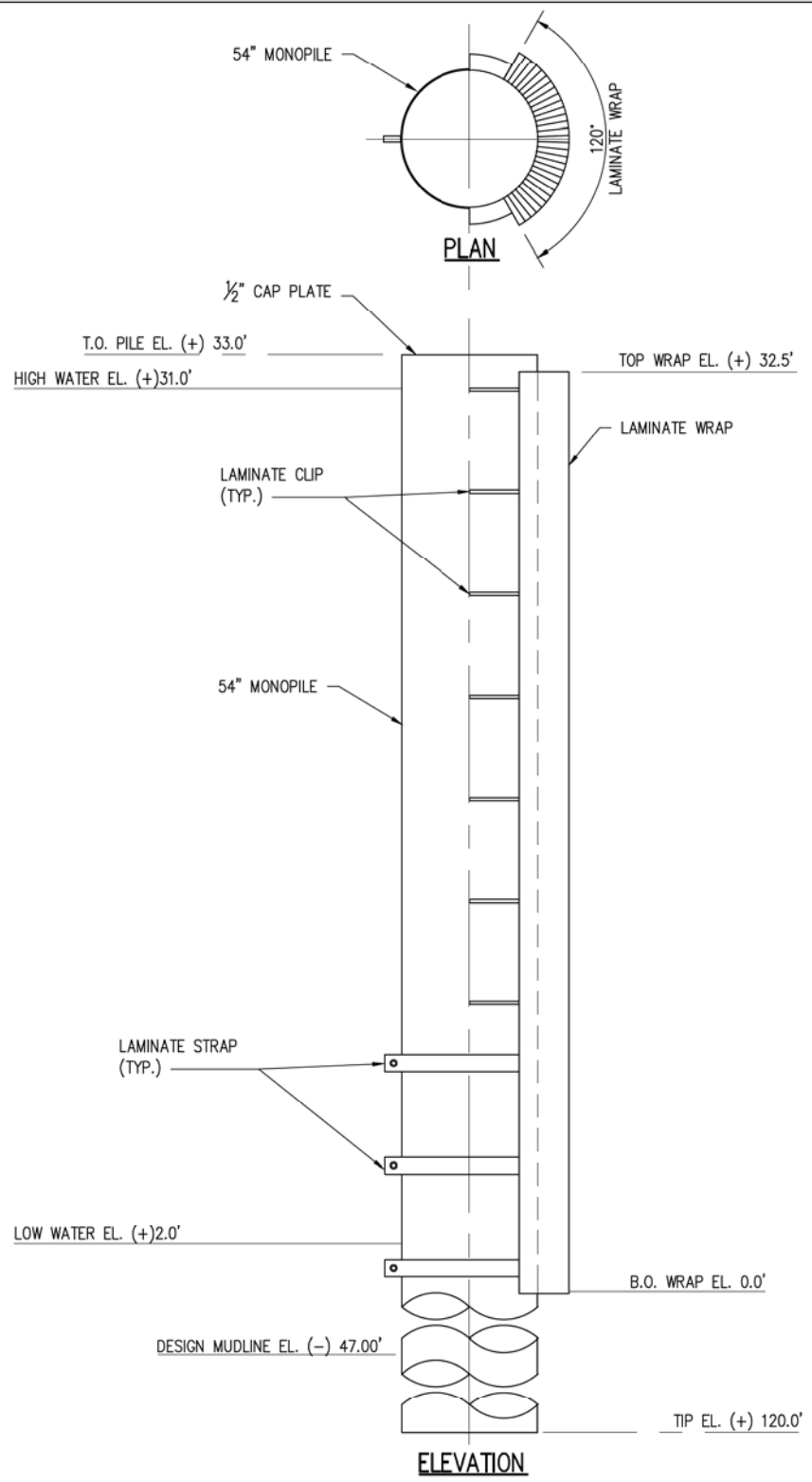
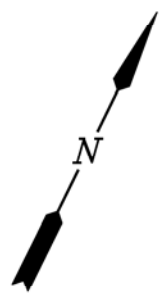
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ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
SHIP DOCK
MOORING DOLPHIN**

SHEET No.	
42	
REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-43.DWG



PROTECTION DOLPHIN
SCALE: 3/16" = 1'-0"

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LA PE #35134
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Methanol



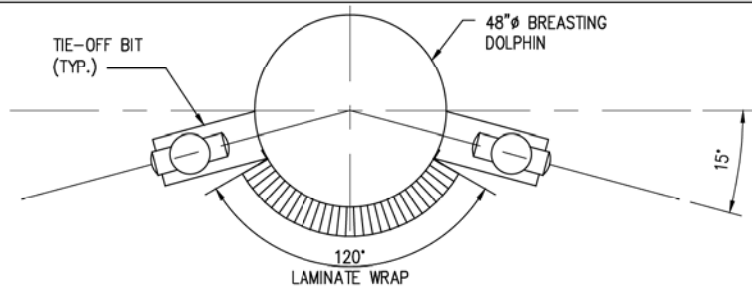
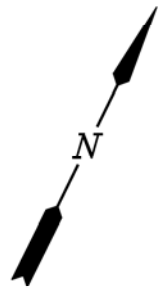
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INCORPORATED

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ST JAMES LOUISIANA

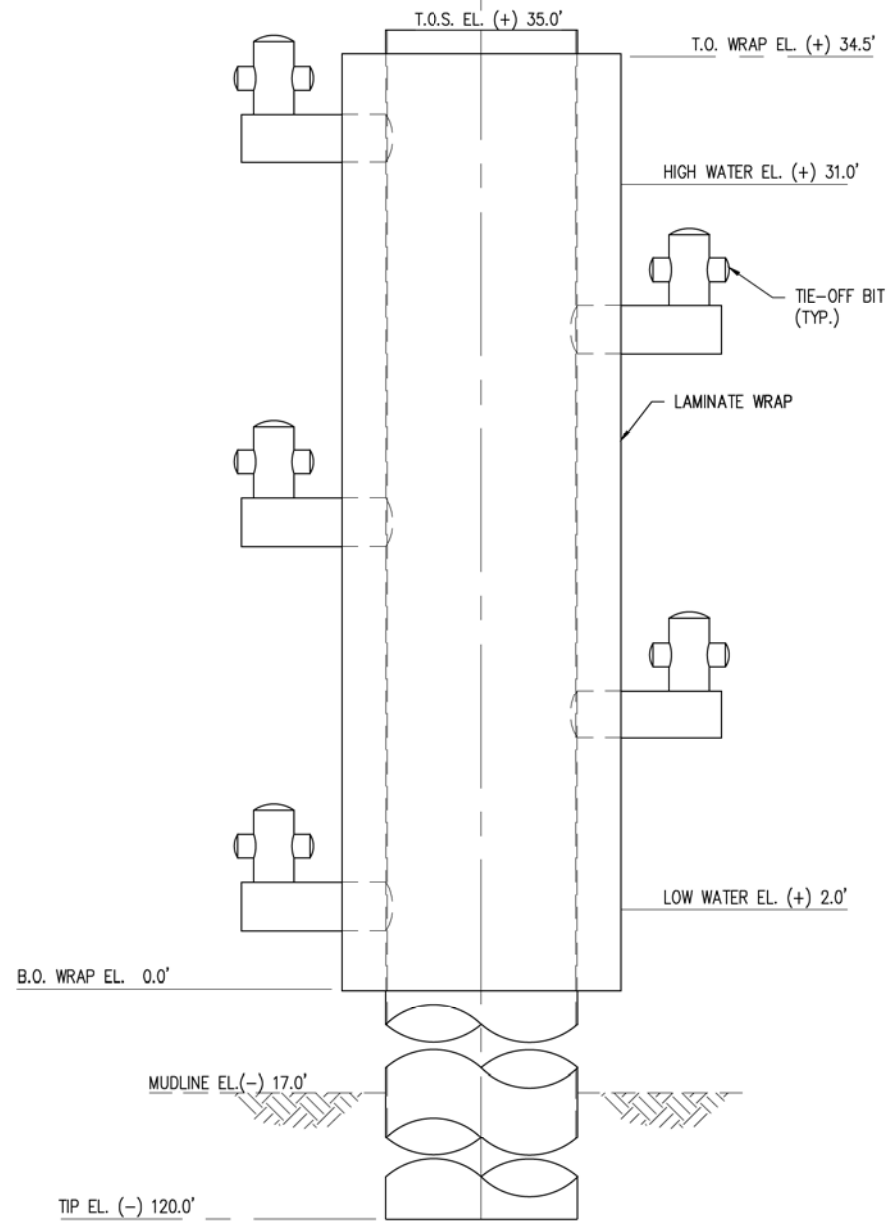
**SLM TERMINAL AND STORAGE
SHIP DOCK
PROTECTION DOLPHIN**

SHEET No.	
43	
REV	DATE
1	11/18/19

J:\11000S\11132 SLM LIQUID DOCK ST JAMES\DRAWINGS\PERMIT DRAWINGS\JPA PERMIT SET OPTION A\11132-44.DWG



PLAN



ELEVATION



BARGE DOCK DOLPHIN
SCALE: 1/4" = 1'-0"

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LA PE #35134
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Methanol**

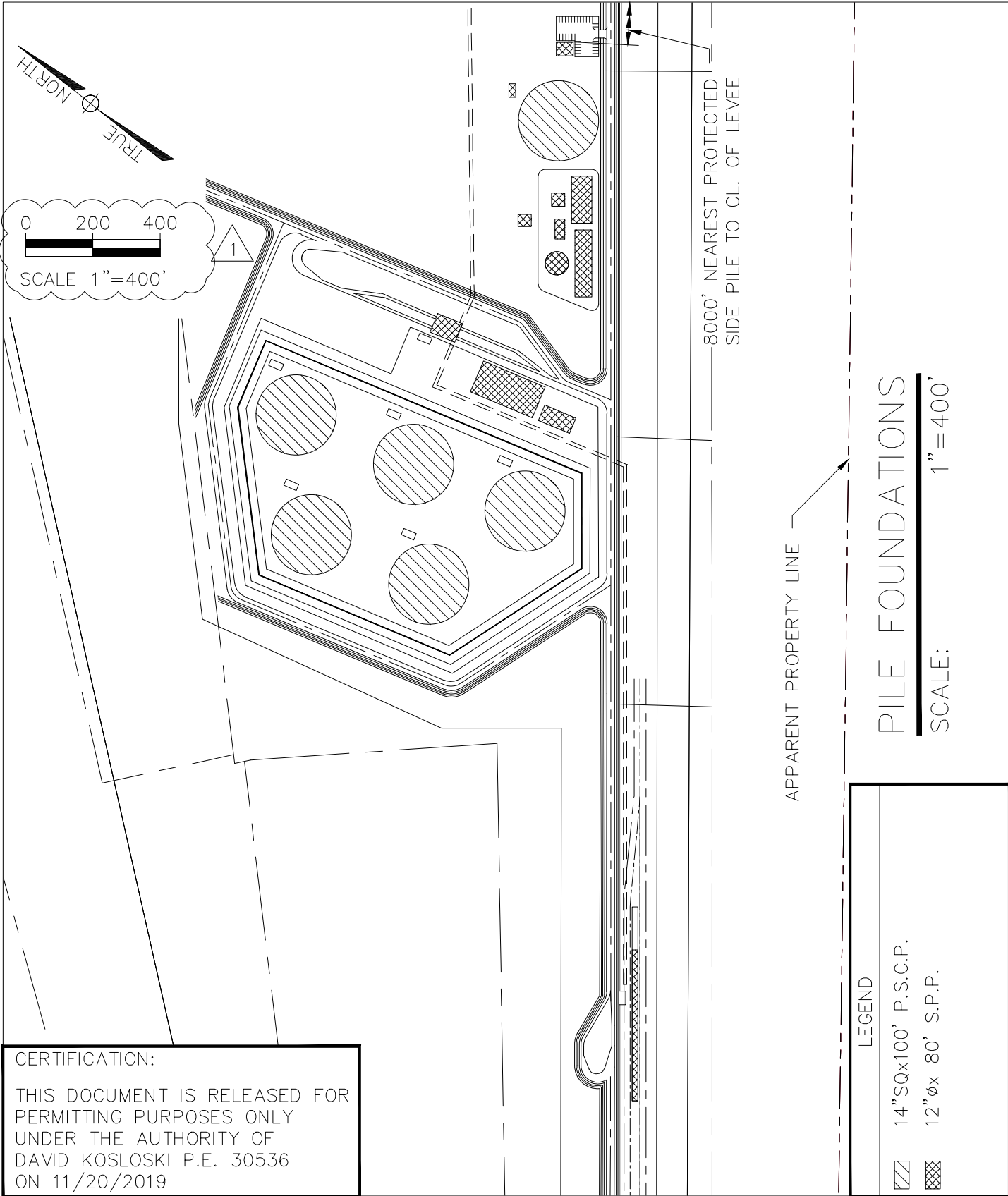


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ST JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
BARGE DOCK
DOLPHIN**

SHEET No.	
44	
REV	DATE
1	11/18/19



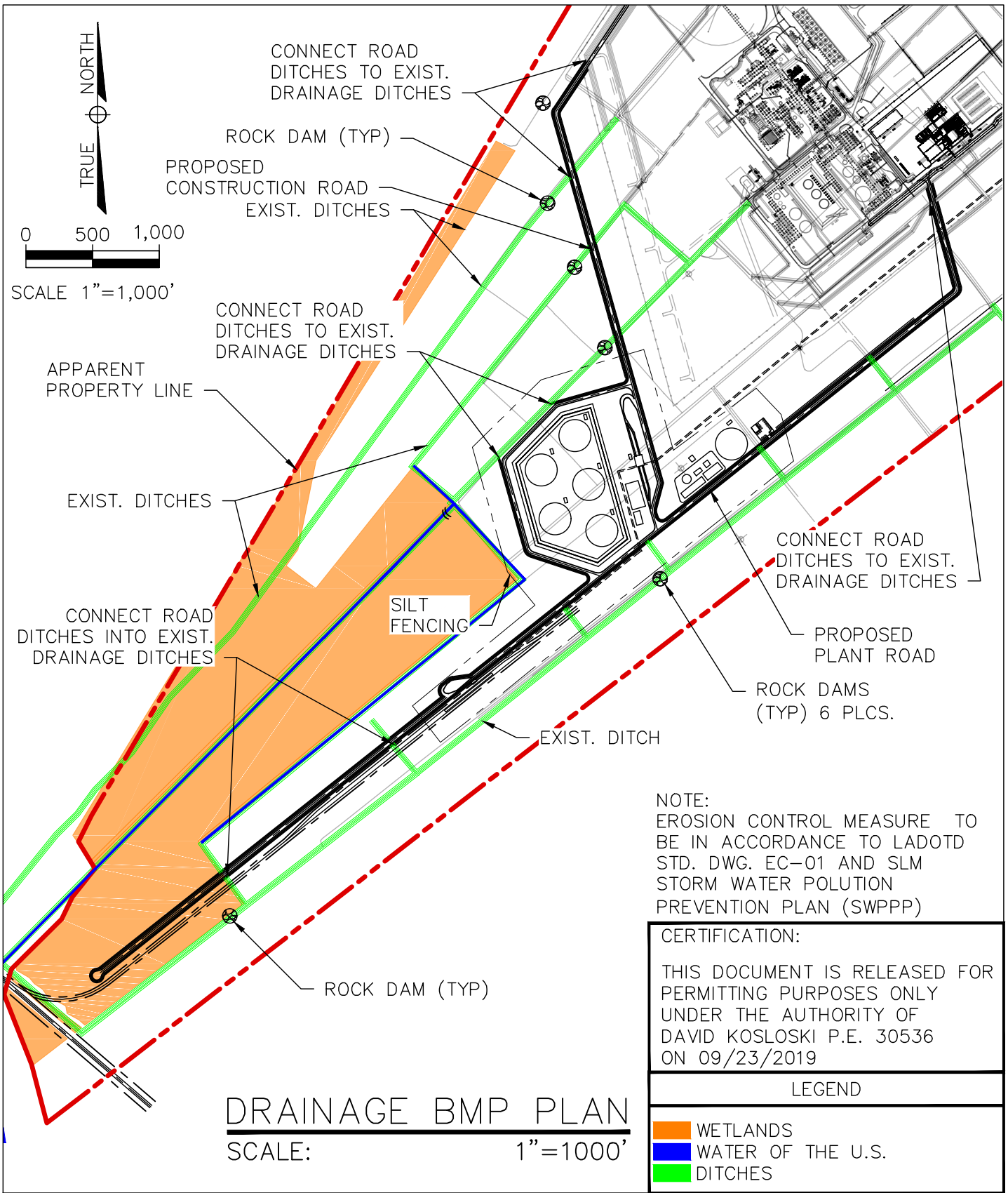
PRELIMINARY - FOR PERMIT PURPOSES ONLY

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Methanol

SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
PILE FOUNDATIONS**

SHEET No.	
45	
REV	DATE
1	11/20/19



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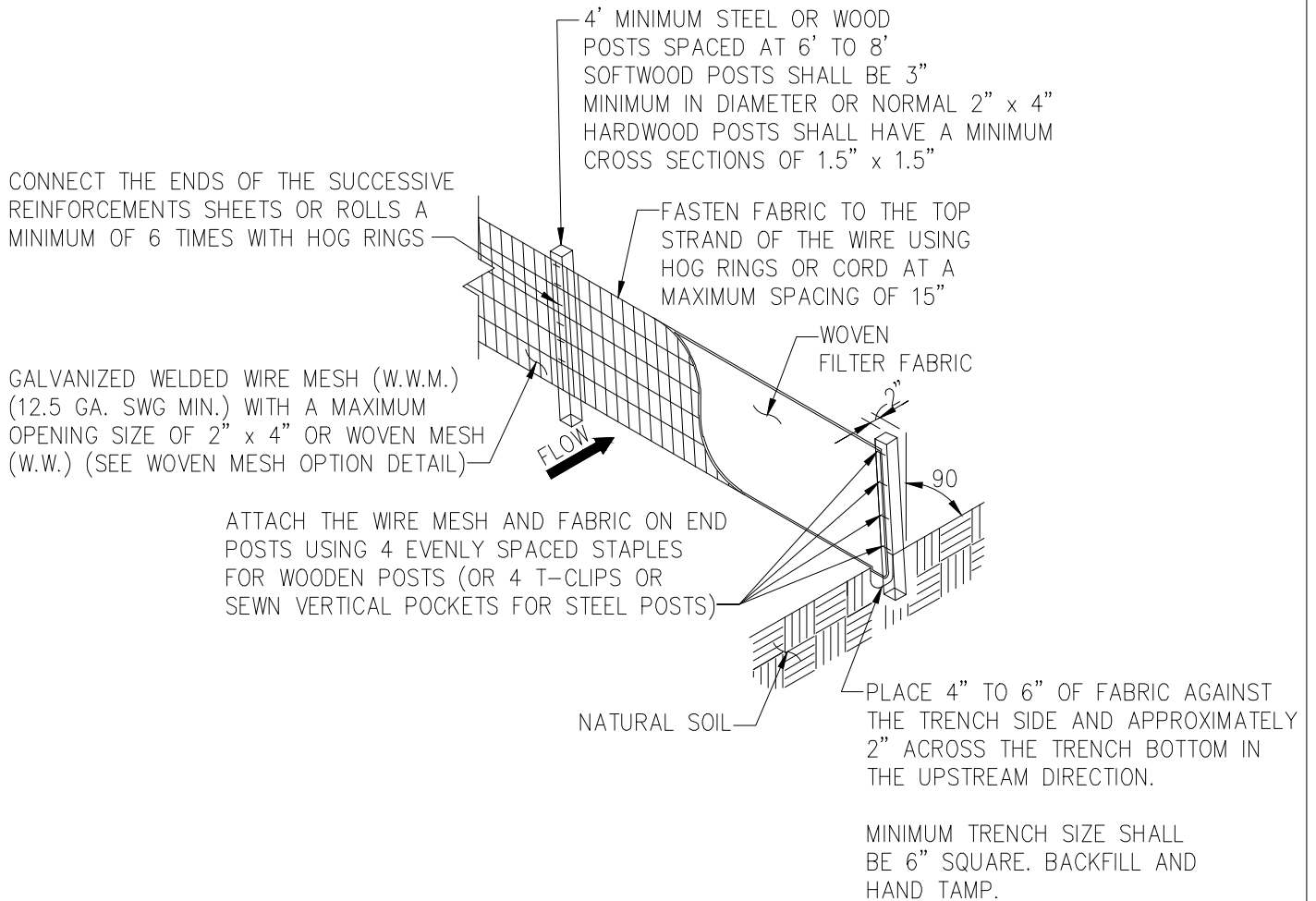
South Louisiana
Methanol



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ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
DRAINAGE BMP PLAN**

SHEET No.	
46	
REV	DATE
0	09/23/19



TEMPORARY SEDIMENT CONTROL SILT FENCE

SCALE:

NONE

CERTIFICATION:

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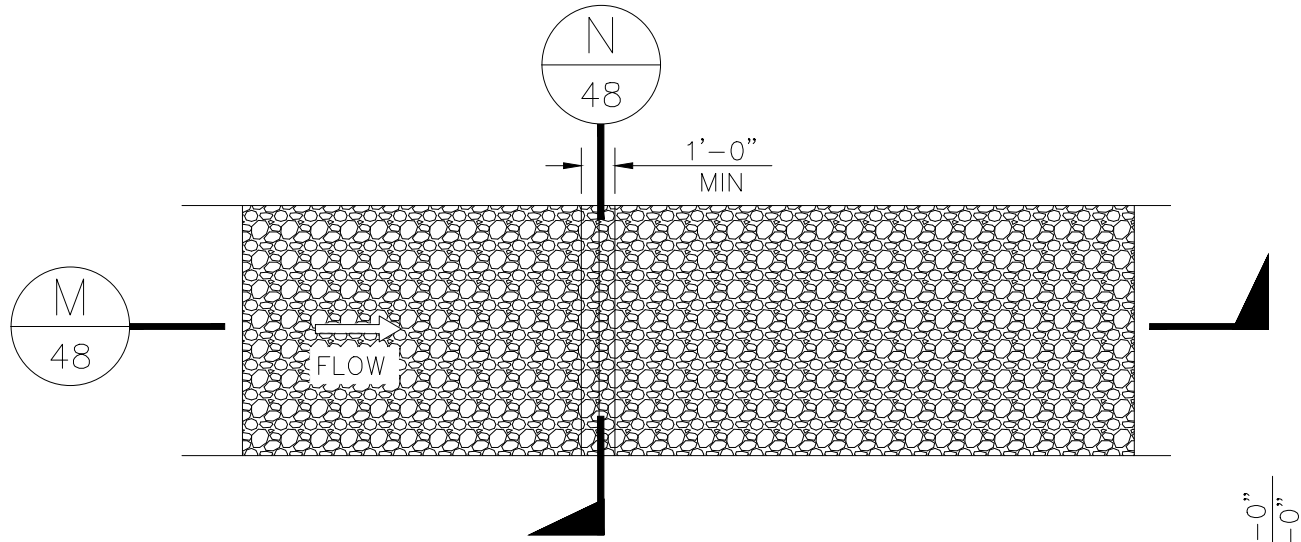
South Louisiana
Methanol



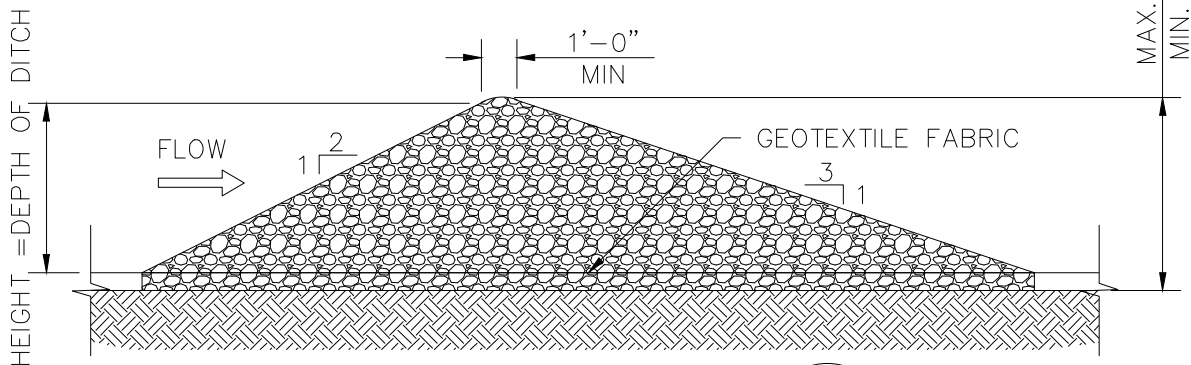
SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
TYPICAL SEDIMENT CONTROL SILT FENCE**

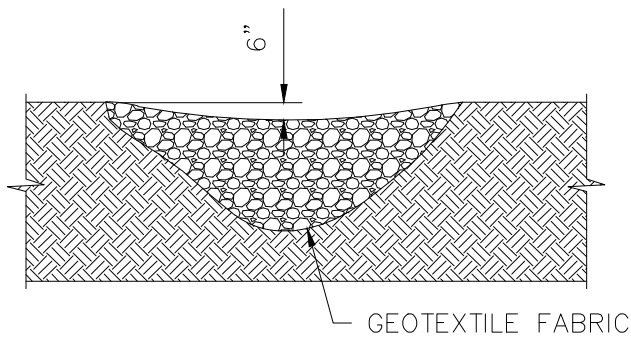
SHEET No.	
47	
REV	DATE
0	09/23/19



ROCK DAM PLAN
 SCALE: N.T.S.



SECTION
 SCALE: N.T.S. M
48



SECTION
 SCALE: N.T.S. N
48

LEGEND	
A	DETAIL OR SECTION #
0	DWG #

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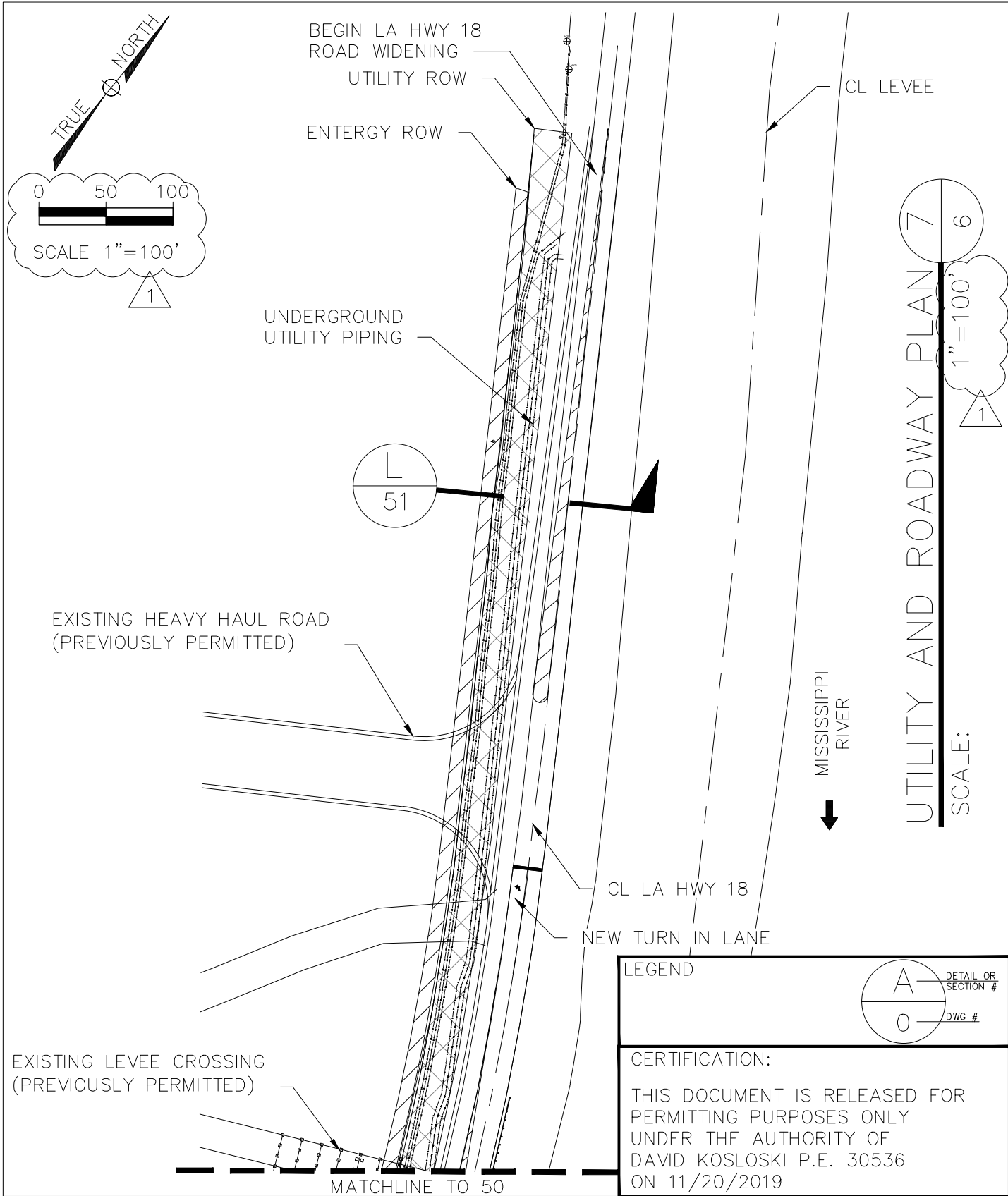
South Louisiana
 Methanol



SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

**SLM TERMINAL AND STORAGE
 ROCK DAM DETAILS**

SHEET No. 48	
REV	DATE
0	09/23/19



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ST. JAMES LOUISIANA

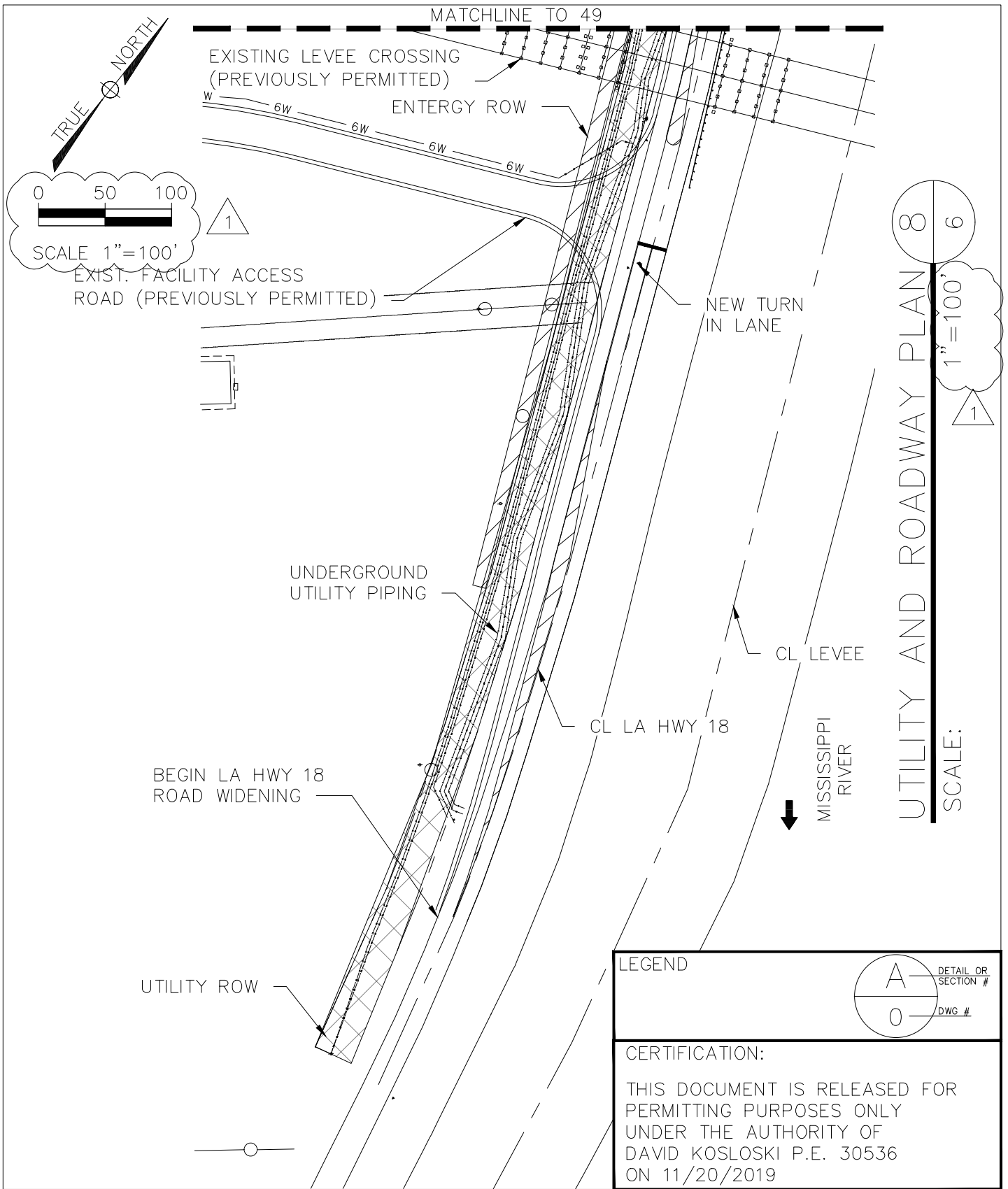
**SLM TERMINAL AND STORAGE
UTILITY AND ROADWAY PLAN
(SHEET 1 OF 2)**

SHEET No.

49

REV DATE

1 11/20/19



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SOUTH LOUISIANA METHANOL, LP
ST. JAMES LOUISIANA

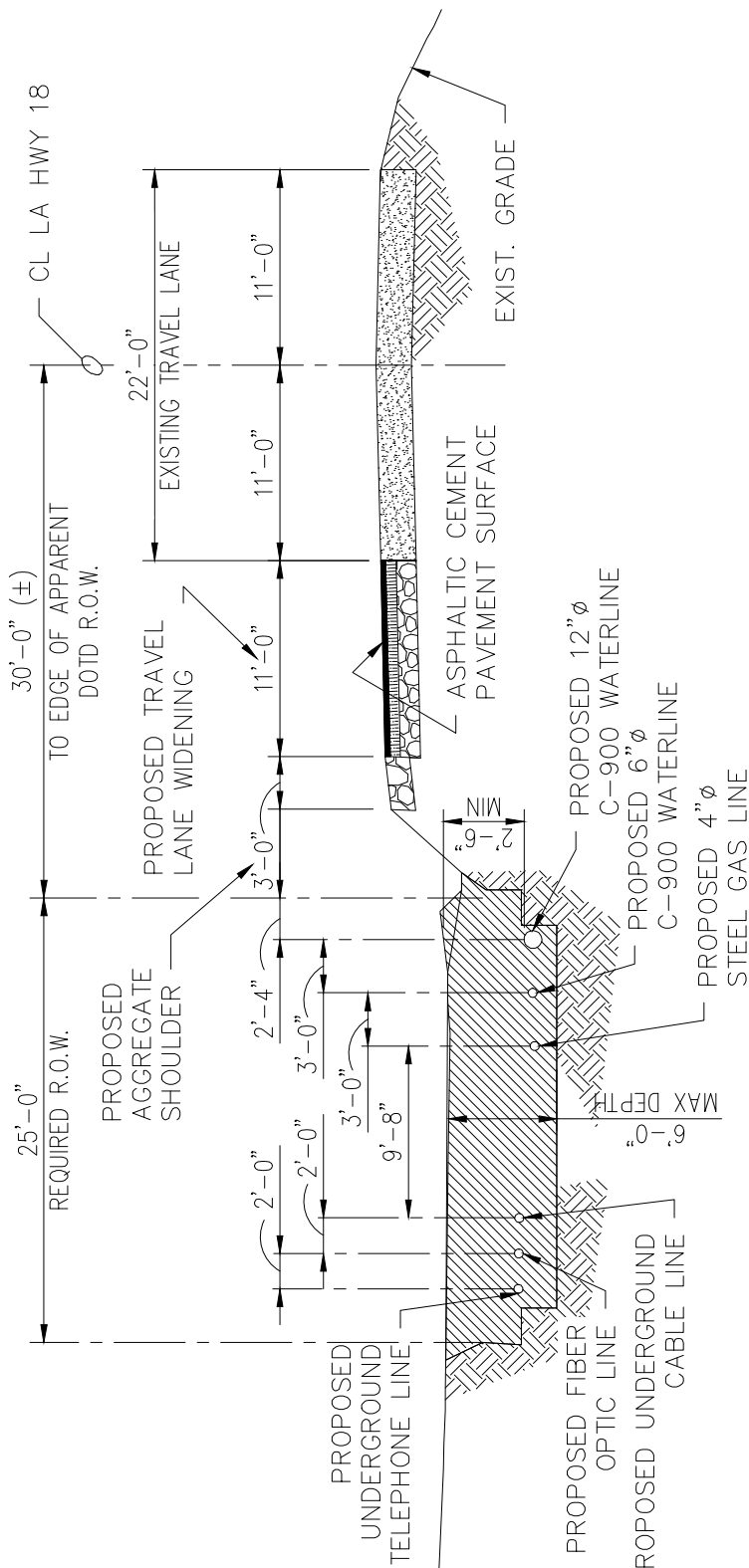
**SLM TERMINAL AND STORAGE
UTILITY AND ROADWAY PLAN
(SHEET 2 OF 2)**

SHEET No.	
50	
REV	DATE
1	11/20/19



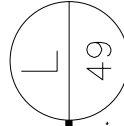
SHEET No.	
51	
REV	DATE
0	09/23/19

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UTILITY AND ROADWAY SECTION

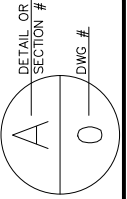
SCALE:



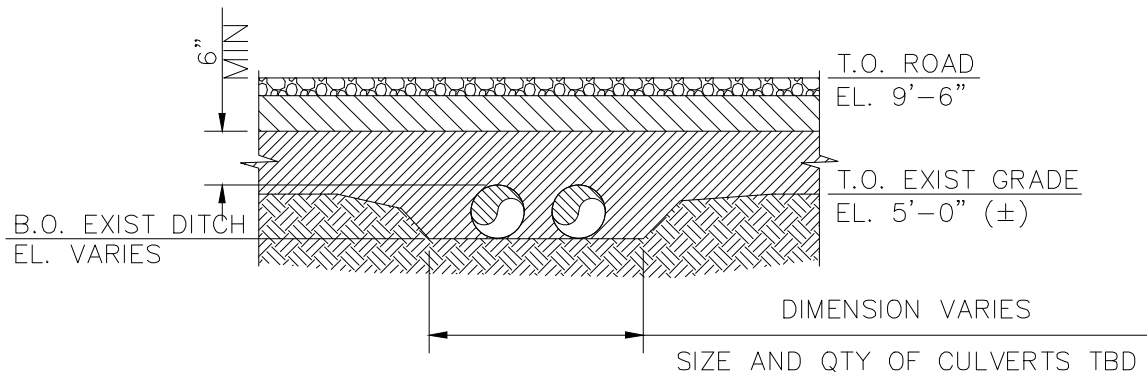
N.T.S.

LEGEND

	EXIST SOIL
	EXCAVATED MATERIAL TO BE REUSED
	CRUSHED STONE



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SECTION

SCALE: N.T.S.

LEGEND	
	EXIST SOIL
	CRUSHED STONE
	COMPACTED FILL
	EXCAVATED MATERIAL TO BE REUSED

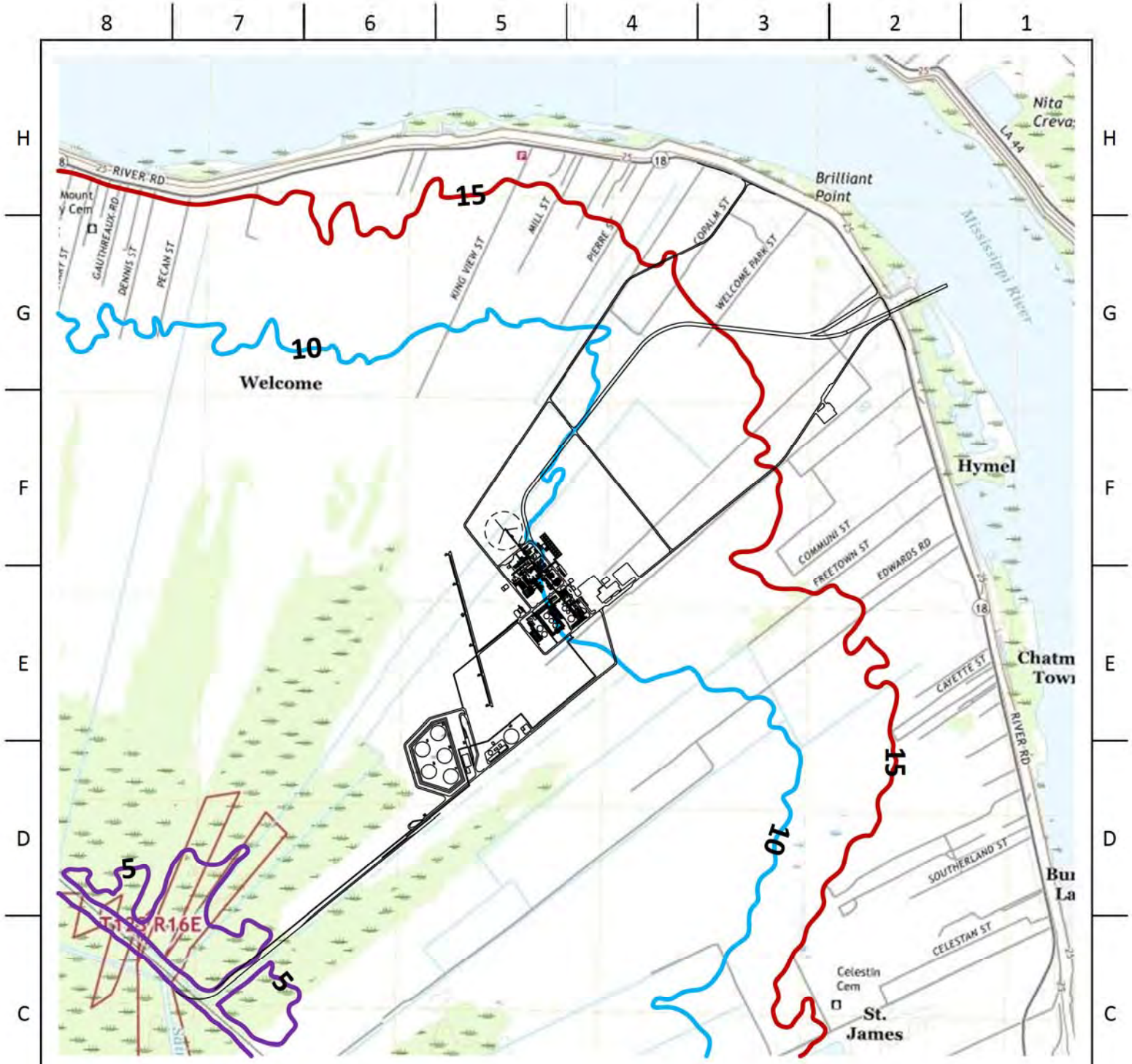
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SOUTH LOUISIANA METHANOL, LP
 ST. JAMES LOUISIANA

SLM TERMINAL AND STORAGE ROAD DITCH CROSSING

SHEET No.	
52	
REV	DATE
0	09/23/19



— 15' ELEVATION
— 10' ELEVATION
— 5' ELEVATION
 Scale: 1"=2,500'



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	Issued for Information	6/27/18	NCM
2	Issued for Information	9/16/19	NCM
3	Added scale reference	11/18/19	NCM

South Louisiana Methanol

TITLE	SLM – SAINT JAMES PARISH		
DESCRIPTION	SLM Site Map Overlay with USGS Elevations		
DRAWN BY	Neal C. Maki	SHEET	53

8 7 6 5 4 3 2 1

H

H

G

G

F

F

E

E

D

D

C

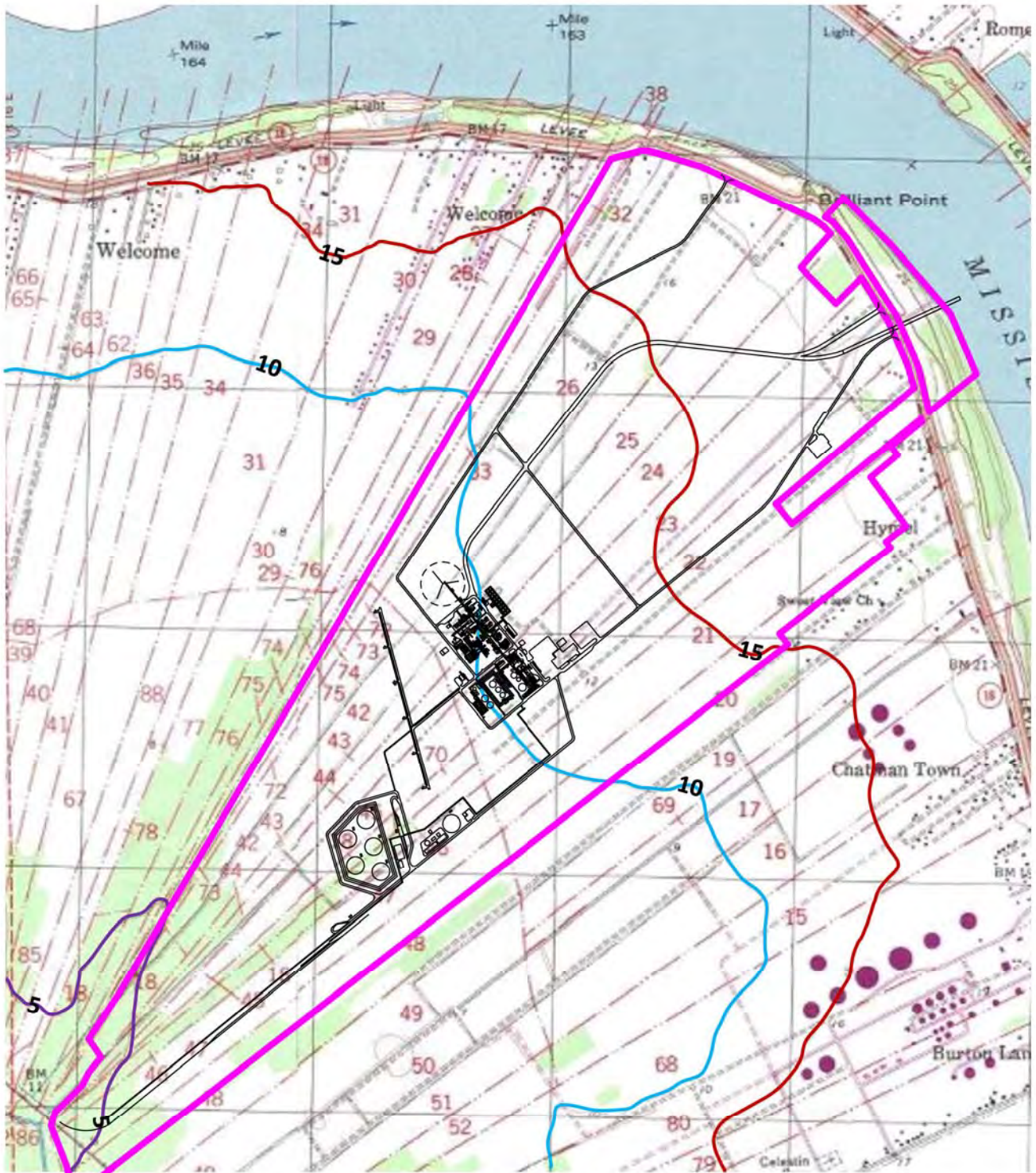
C

B

B

A

A



- PROPERTY BORDER
 - 15' ELEVATION
 - 10' ELEVATION
 - 5' ELEVATION
- Scale: 1"=2,500'

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	Issued for Information	6/27/18	NCM
2	Issued for Information	9/16/19	NCM
3	Added Scale reference	11/18/19	NCM

South Louisiana
Methanol

TITLE	SLM – SAINT JAMES PARISH		
DESCRIPTION	SLM Site Map Overlay with USGS Elevations with Property Tracts		
DRAWN BY	Neal C. Maki	SHEET	54

8 7 6 5 4 3 2 1