

JOINT PUBLIC NOTICE

December 15, 2014

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

State of Louisiana
Department of Environmental Quality
Water Quality Certification Section
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2675
Project Manager
Jamie Crowe
Jamie.M.Crowe@usace.army.mil
Permit Application Number
MVN 2009-1461 CO

(225) 219-3225
Project Manager
Elizabeth Johnson
WQC Application Number
WQC 141212-01

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:
[] 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 LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

BULK LIQUIDS STORAGE AND TERMINAL FACILITY IN ST. JOHN THE BAPTIST PARISH

NAME OF APPLICANT: Pin Oak Holdings, LLC, c/o ENVIRON, 4714 Earhart Boulevard, Suite B, New Orleans, Louisiana.

LOCATION OF WORK: Within the Mississippi River Basin, in the Lake Maurepas hydrologic unit (HUC 08070204), south of Airline Highway (US Hwy 61) and east of Louisiana Highway 54, near Mt. Airy, Louisiana, in St. John the Baptist Parish.

CHARACTER OF WORK: The applicant proposes to clear, grade, and install and maintain fill to construct a bulk liquids storage and terminal facility, which will receive, store and distribute liquid commodities, including crude oil, gasoline, diesel, heavy residual oils, condensate, ethanol, etc. The terminal will include rail spurs from the CN and KCS Railroads that traverse the site, a multi-track railcar loading and unloading area, tank farm, pipeline, containment berms, access road, and other appurtenant structures. The proposed pipeline will be installed within a 50-foot permanent right-of-

way, while an additional 100 feet will be cleared as temporary workspace. Direct wetland impacts include 14.9 acres permanent impacts to forested wetlands and 7.2 acres of temporary impacts to forested wetlands. As compensation for unavoidable wetland impacts the applicant proposes to purchase wetland credits from a Corps approved mitigation bank located in the watershed.

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

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 neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered 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 **N/A 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, 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.

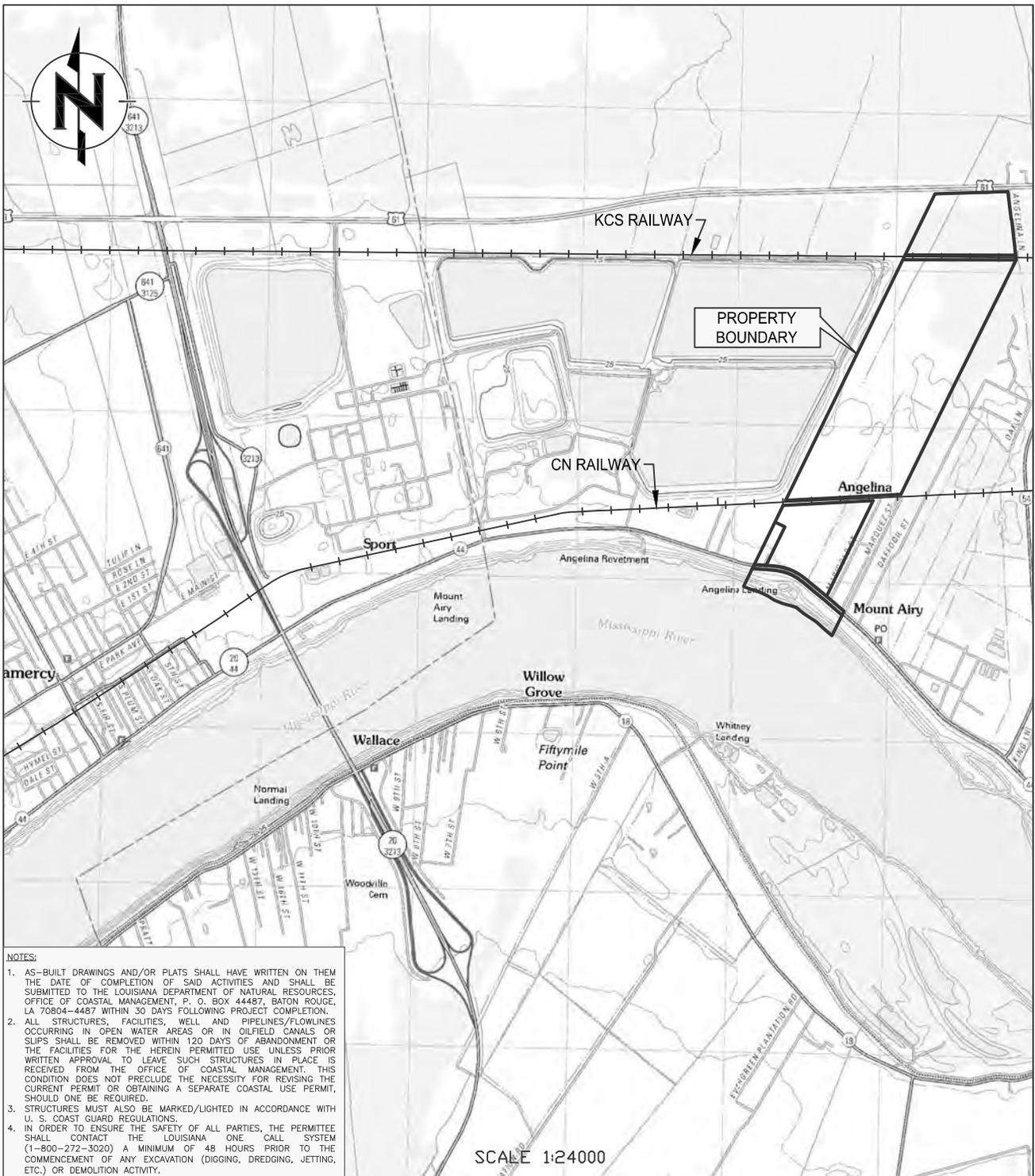
The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued

unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

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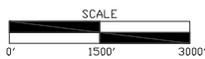
John M. Herman
Chief, Central Evaluation Section
Regulatory Branch

Enclosure



- NOTES:**
1. AS-BUILT DRAWINGS AND/OR PLATS 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 OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. 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.

SCALE 1:24000



- LEGEND:**
- SITE BOUNDARY
 - +—+— EXISTING RAILWAYS

Source: U.S.G.S. 7.5 MINUTE QUADRANGLE, LUTCHER, LOUISIANA, 2012

C:\CIP\A\0151865\GARYVILLE_FIG1.DWG



DRAFTED BY: WLSNCO

DATE: 10/10/2014

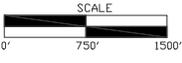
Site Location Map
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
1

PROJECT:



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Project Boundary Dimensions	
Approximate North/South Limits (at longest point)	6700 linear feet
Approximate East/West Limits (at longest point)	2400 linear feet
Total Acreage	326.59 acres

LEGEND:

	SITE BOUNDARY
	EXISTING RAILWAYS
	WETLANDS

C:\WCIP\A\0151865\GARYVILLE_FIG2.DWG

	<h2 style="margin: 0;">Existing Site Conditions</h2> <p style="margin: 0;">PIN OAK TERMINAL MT. AIRY, LOUISIANA ST. JOHN THE BAPTIST PARISH</p>	<h2 style="margin: 0;">Figure 2</h2>
	DRAFTED BY: WILSONCO DATE: 10/13/2014	PROJECT:



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- LEGEND:**
- SITE BOUNDARY
 - EXISTING RAILWAYS
 - WETLANDS
 - SURFICIAL STORM WATER FLOW

C:\WCIP\A\0151865\GARYVILLE_FIG3.DWG

	<h2>Existing Surface Waterflow</h2> <p>PIN OAK TERMINAL MT. AIRY, LOUISIANA ST. JOHN THE BAPTIST PARISH</p>	<p>Figure</p> <h1>3</h1>
	<p>DRAFTED BY: WILSONCO DATE: 10/10/2014</p>	<p>PROJECT:</p>



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- LEGEND:**
- SITE BOUNDARY
 - PROPOSED RAILROAD
 - PROPOSED PIPELINE CORRIDOR
 - WETLANDS

C:\CIP\A\0151865\GARYVILLE_FIG4.DWG



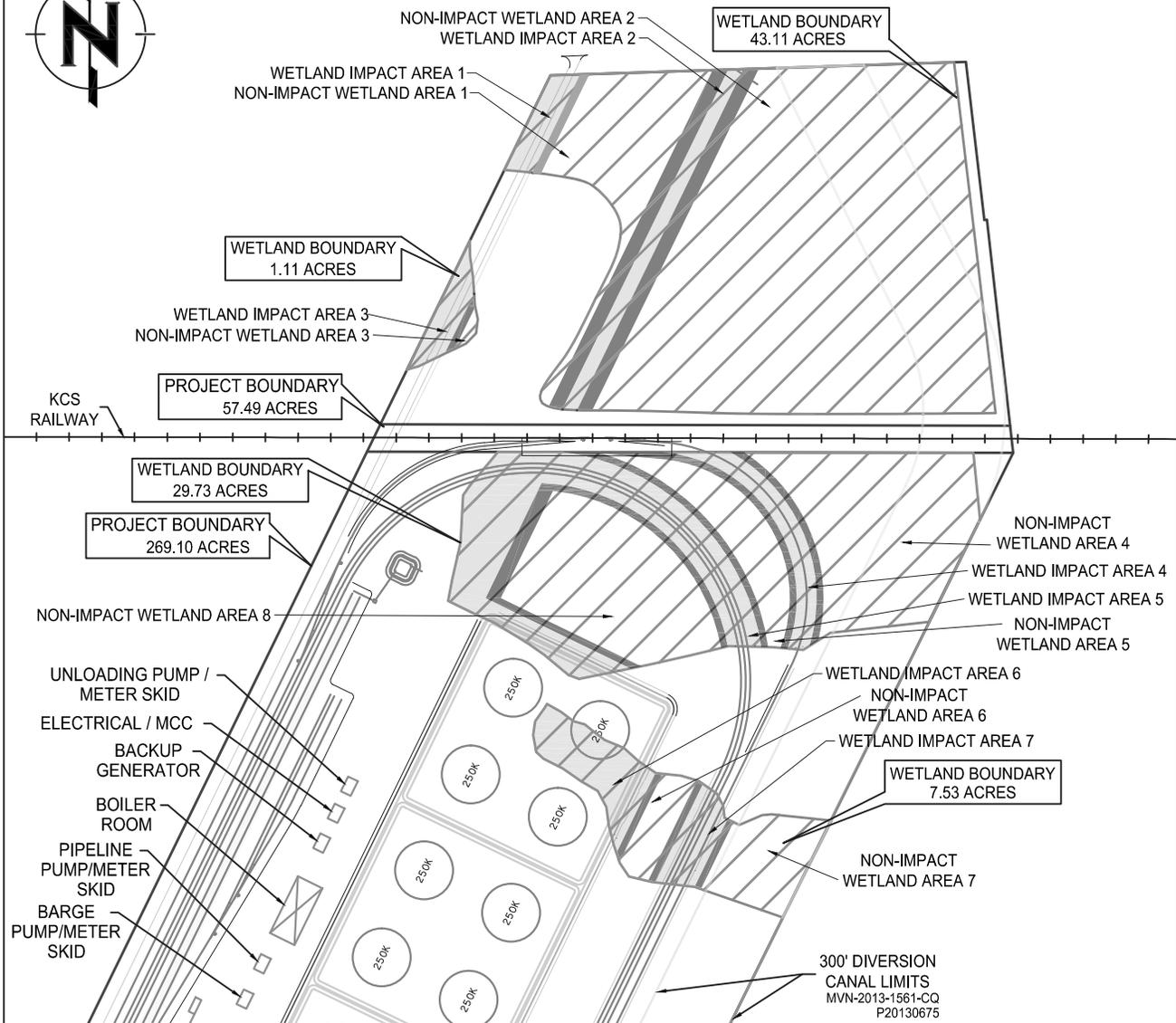
DRAFTED BY: WLSNCO

DATE: 10/21/2014

Proposed Site Plan
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
4

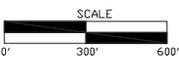
PROJECT:



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NON-IMPACTED WETLAND AREAS	
NO.	ACRES
1	5.0
2	32.2
3	0.1
4	8.6
5	2.7
6	1.2
7	2.5
8	7.2
TOTAL	59.5

WETLAND IMPACT AREAS		
NO.	PERM ACRES	TEMP ACRES
1	0.9	0.2
2	1.6	3.2
3	0.9	0.1
4	1.5	1.1
5	6.7	2.0
6	2.2	0.2
7	1.1	0.4
TOTAL	14.9	7.2



LEGEND:

- WETLAND IMPACT AREA (TEMP)
- WETLAND IMPACT AREA (PERM)
- SITE BOUNDARY
- PROPOSED RAILWAYS
- WETLANDS

C:\WCP\A\0151865\GARYVILLE_FIG5.DWG



Development Impact Map
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
5

DRAFTED BY: WILSONCO DATE: 12/11/2014

PROJECT:



KCS RAILWAY

WETLAND IMPACT AREA 2
WETLAND IMPACT AREA 1

WETLAND IMPACT AREA 3

PROJECT BOUNDARY
57.49 ACRES

WETLAND IMPACT AREA 4
WETLAND IMPACT AREA 5
WETLAND IMPACT AREA 6
WETLAND IMPACT AREA 7

PROJECT BOUNDARY
269.10 ACRES

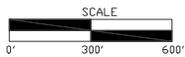
300' DIVERSION
CANAL LIMITS
MVN-2013-1561-CQ
P20130675

CN RAILWAY

NOTES:

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WETLAND IMPACT AREAS		
NO.	PERM ACRES	TEMP ACRES
1	0.9	0.2
2	1.6	3.2
3	0.9	0.1
4	1.5	1.1
5	6.7	2.0
6	2.2	0.2
7	1.1	0.4
TOTAL	14.9	7.2



LEGEND:

- UPLAND (PERM)
- WETLAND IMPACT AREA
- WETLANDS
- UNDISTURBED
- SITE BOUNDARY

C:\WCIP\A\0151865\GARYVILLE_FIG6.DWG



Wetland Impact Map
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
6

DRAFTED BY: WILSONCO

DATE: 10/21/2014

PROJECT:



PROPOSED 16"
PIPELINE CORRIDOR
POINT OF ENDING
LAT 30°04'31.37" N
LONG 90°37'47.36" W

PROJECT BOUNDARY
57.49 ACRES

PROPOSED ACCESS ROAD
1497 linear feet

REFER TO DETAIL
FIGURE 15

WETLANDS

REFER TO DETAIL
FIGURE 14

PROPOSED NORTHERN
ACCESS ROAD

PROPOSED
CULVERTS #9
PROPOSED
CULVERTS #8

WATER
CONTAINMENT
PROPOSED 16"
PIPELINE CORRIDOR

PROPOSED
RR TRACKS

PROJECT BOUNDARY
269.10 ACRES

UNLOADING
PUMP

ELECTICAL/
MCC

BACKUP
GENERATOR

BOILER
ROOM

PIPELINE
PUMP/METER
SKID

BARGE
PUMP/METER
SKID

SEPTIC

OPERATIONS
BUILDING
24' X 40'

WATERLINE
POWER LINE

WETLANDS

KCS RAILWAY

PROPOSED
CULVERT #7

PROPOSED
CULVERT #6

WETLANDS
DETERMINATION
MVN-2012-02285-SY

PROPOSED
CULVERT #5

TANK BATTERIES
(TYPICAL)

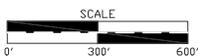
MATCH LINE 7
MATCH LINE 8

INTERIM
DETENTION AREA

DIVERSION
CANAL

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LEGEND:

- SITE BOUNDARY
- PROPOSED RAILROAD
- PROPOSED PIPELINE CORRIDOR
- P-O/H- POWER LINE
- W- WATERLINE

NOTE: CULVERT SCHEDULE REFER TO FIGURE 12 AND 13

C:\CIP\A\0151865\GARYVILLE_FIG7.DWG



ENVIRO

Proposed Site Plan - NORTH

**PIN OAK TERMINAL
MT. AIRY, LOUISIANA**

ST. JOHN THE BAPTIST PARISH

Figure

7

DRAFTED BY: WLSNCO

DATE: 10/21/2014

PROJECT:



BOILER ROOM
 PIPELINE PUMP/METER SKID
 BARGE PUMP/METER SKID
 SEPTIC
 OPERATIONS BUILDING 24' X 40'
 PROPOSED 16" PIPELINE CORRIDOR
 PROPOSED RR TRACKS

PROJECT BOUNDARY
 269.10 ACRES

ACCESS FROM PERMIT MVN-2009-1461-CO P20131054 AREA

PROPOSED CULVERT #1

PARKING
 WATERLINE
 POWER LINE

PROPOSED CULVERT #2
 PROPOSED 16" PIPELINE CORRIDOR
 POINT OF BEGINNING
 LAT 30° 03' 28.09" N
 LONG 90° 38' 24.69" W

DIVERSION CANAL

MATCH LINE 7
 MATCH LINE 8

PROPOSED CULVERT #4

TANK BATTERIES (TYPICAL)

PROPOSED CULVERT #3

PROPOSED RR TRACKS

INTERIM DETENTION FACILITY

CN RAILWAY

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- SITE BOUNDARY
- PROPOSED RAILROAD
- PROPOSED PIPELINE CORRIDOR
- P-O/H- POWER LINE
- W- WATERLINE

NOTE: CULVERT SCHEDULE REFER TO FIGURE 12 AND 13



C:\CIP\A\0151865\GARYVILLE_FIG8.DWG



Proposed Site Plan - SOUTH
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
8

DRAFTED BY: WILSONCO

DATE: 10/21/2014

PROJECT:



PROPOSED 16"
PIPELINE CORRIDOR
POINT OF ENDING
LAT 30°04'31.37" N
LONG 90°37'47.36" W

PROJECT BOUNDARY
57.49 ACRES

PROPOSED ACCESS ROAD
1497 linear feet

REFER TO DETAIL
FIGURE 15

WETLANDS

REFER TO DETAIL
FIGURE 14

PROPOSED NORTHERN
ACCESS ROAD

PROPOSED
CULVERT #9

PROPOSED
CULVERT #8

WATER
CONTAINMENT

PROPOSED 16"
PIPELINE CORRIDOR

PROPOSED
RR TRACKS

PROJECT BOUNDARY
269.10 ACRES

UNLOADING
PUMP

ELECTICAL/
MCC

BACKUP
GENERATOR

BOILER
ROOM

PIPELINE
PUMP/METER
SKID

BARGE
PUMP/METER
SKID

SEPTIC

OPERATIONS
BUILDING
24' X 40'

WATERLINE
POWER LINE

WETLANDS

KCS RAILWAY

PROPOSED
CULVERT #7

PROPOSED
CULVERT #6

WETLANDS
DETERMINATION
MVN-2012-02285-SY

PROPOSED
CULVERT #5

TANK BATTERIES
(TYPICAL)

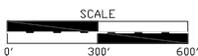
DIVERSION
CANAL

MATCH LINE 9
MATCH LINE 10

PROPOSED
CULVERT #5

NOTES:

- AS-BUILT DRAWINGS AND/OR PLATS 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.
- 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 OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED.
- STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
- 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.



LEGEND:

- SITE BOUNDARY
- PROPOSED RAILROAD
- PROPOSED PIPELINE CORRIDOR
- P-O/H- POWER LINE
- W WATERLINE

NOTE: CULVERT SCHEDULE REFER TO FIGURE 12 AND 13

C:\CIP\A\0151865\GARYVILLE_FIG9.DWG



ENVIRON

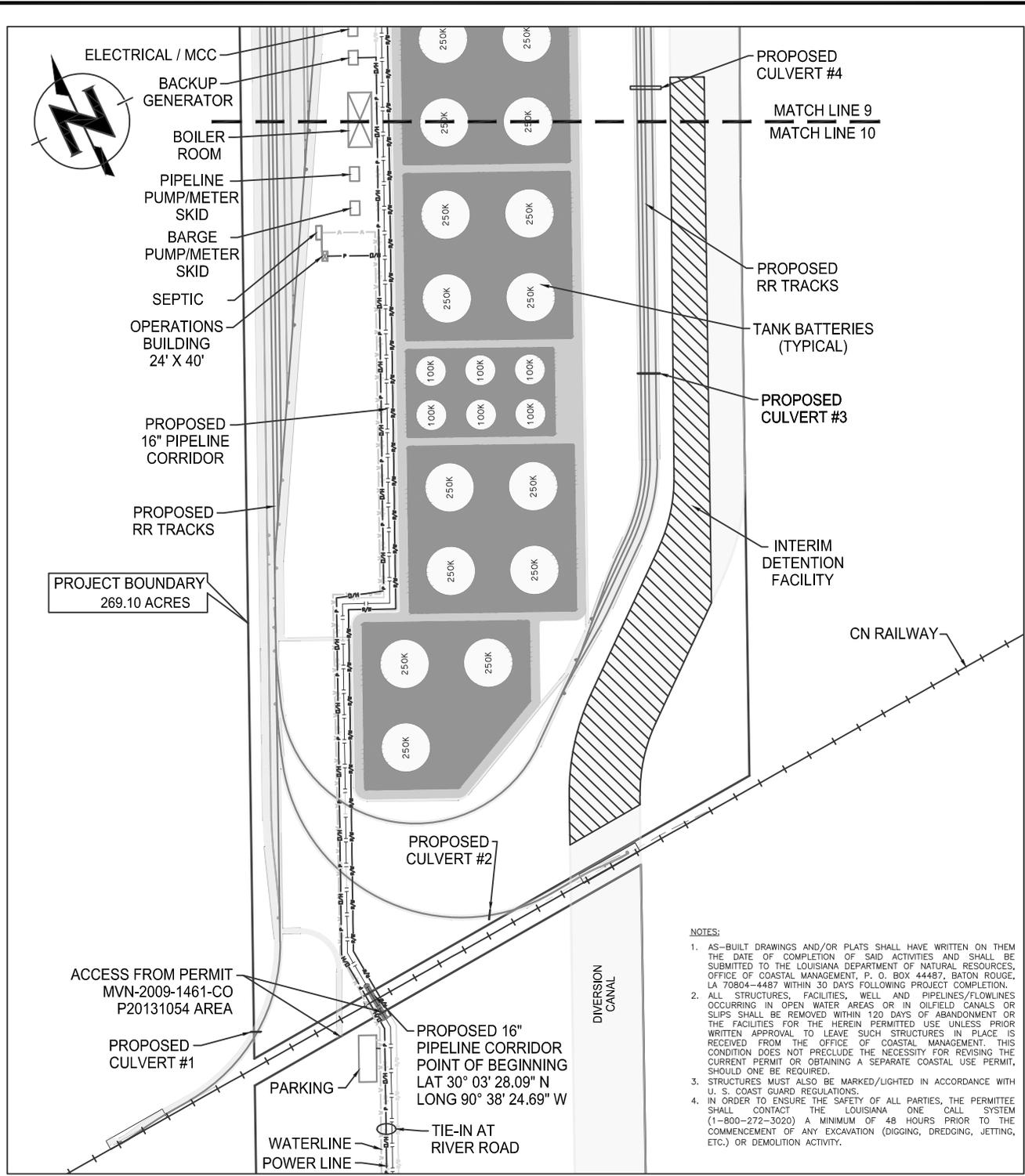
DRAFTED BY: WLSNCO

DATE: 10/21/2014

Proposed Infrastructure Routing - NORTH
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
9

PROJECT:



- ELECTRICAL / MCC
- BACKUP GENERATOR
- BOILER ROOM
- PIPELINE PUMP/METER SKID
- BARGE PUMP/METER SKID
- SEPTIC
- OPERATIONS BUILDING 24' X 40'

- PROPOSED CULVERT #4
- MATCH LINE 9
- MATCH LINE 10
- PROPOSED RR TRACKS
- TANK BATTERIES (TYPICAL)
- PROPOSED CULVERT #3
- INTERIM DETENTION FACILITY

PROJECT BOUNDARY
269.10 ACRES

ACCESS FROM PERMIT
MVN-2009-1461-CO
P20131054 AREA

PROPOSED 16" PIPELINE CORRIDOR
POINT OF BEGINNING
LAT 30° 03' 28.09" N
LONG 90° 38' 24.69" W

- NOTES:**
1. AS-BUILT DRAWINGS AND/OR PLATS 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 OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. 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 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.



- LEGEND:**
- SITE BOUNDARY
 - PROPOSED RAILROAD
 - PROPOSED PIPELINE CORRIDOR
 - P-O/H- POWER LINE
 - W- WATERLINE

NOTE: CULVERT SCHEDULE REFER TO FIGURE 12 AND 13

C:\CIP\A\0151865\GARYVILLE_FIG10.DWG



Proposed Infrastructure Routing - SOUTH
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

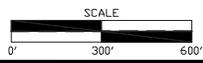
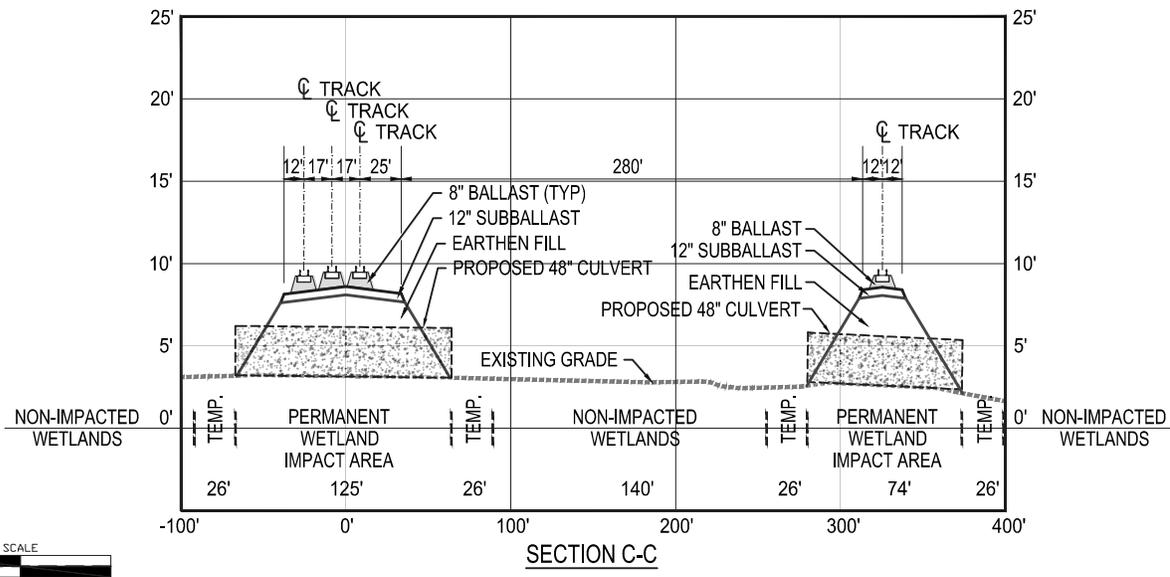
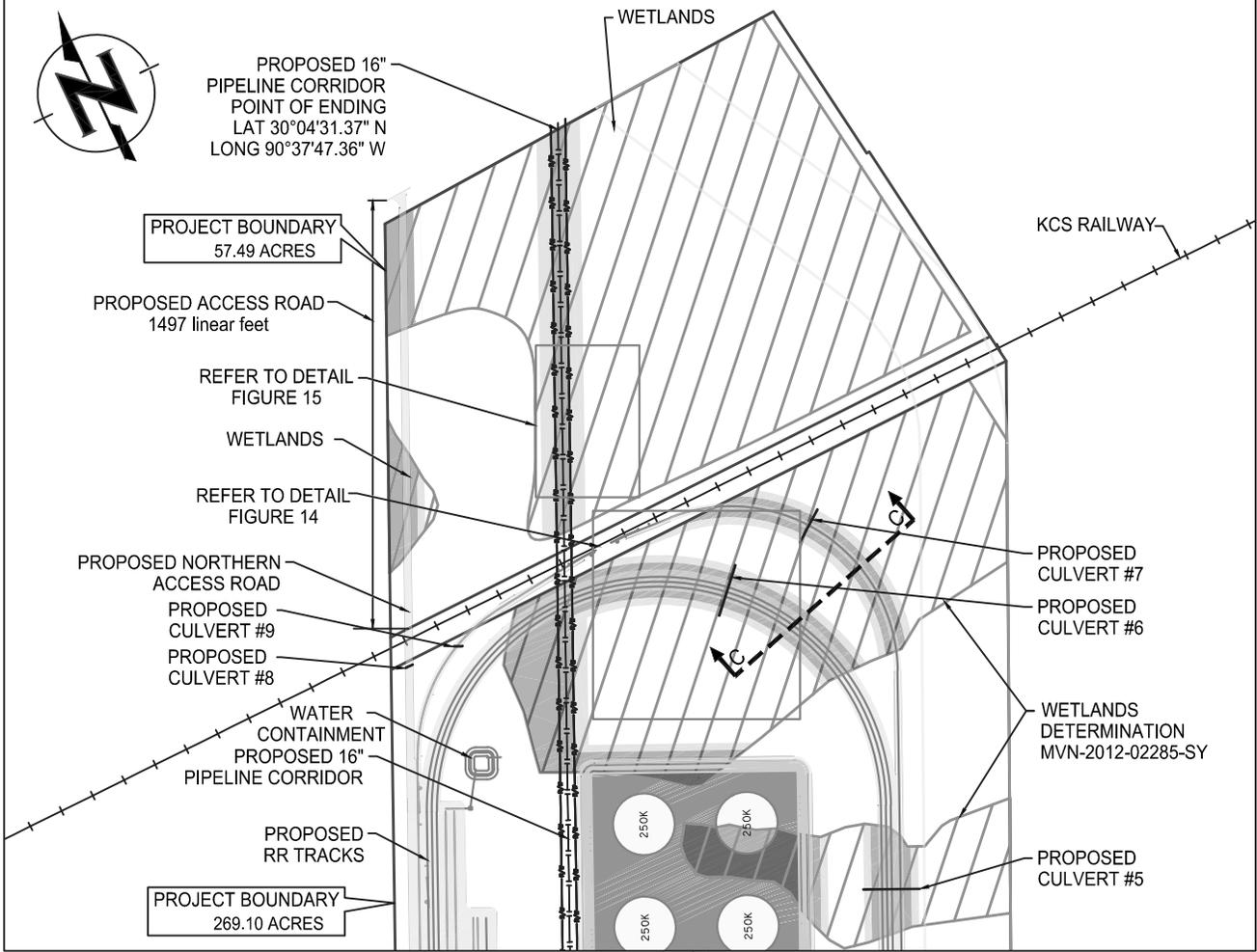
Figure
10

DRAFTED BY: WILSONCO DATE: 10/21/2014

PROJECT:



PROPOSED 16"
PIPELINE CORRIDOR
POINT OF ENDING
LAT 30°04'31.37" N
LONG 90°37'47.36" W



C:\CIP\A\0151865\GARYVILLE_FIG11.DWG



Proposed Design Layout - NORTH
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
11

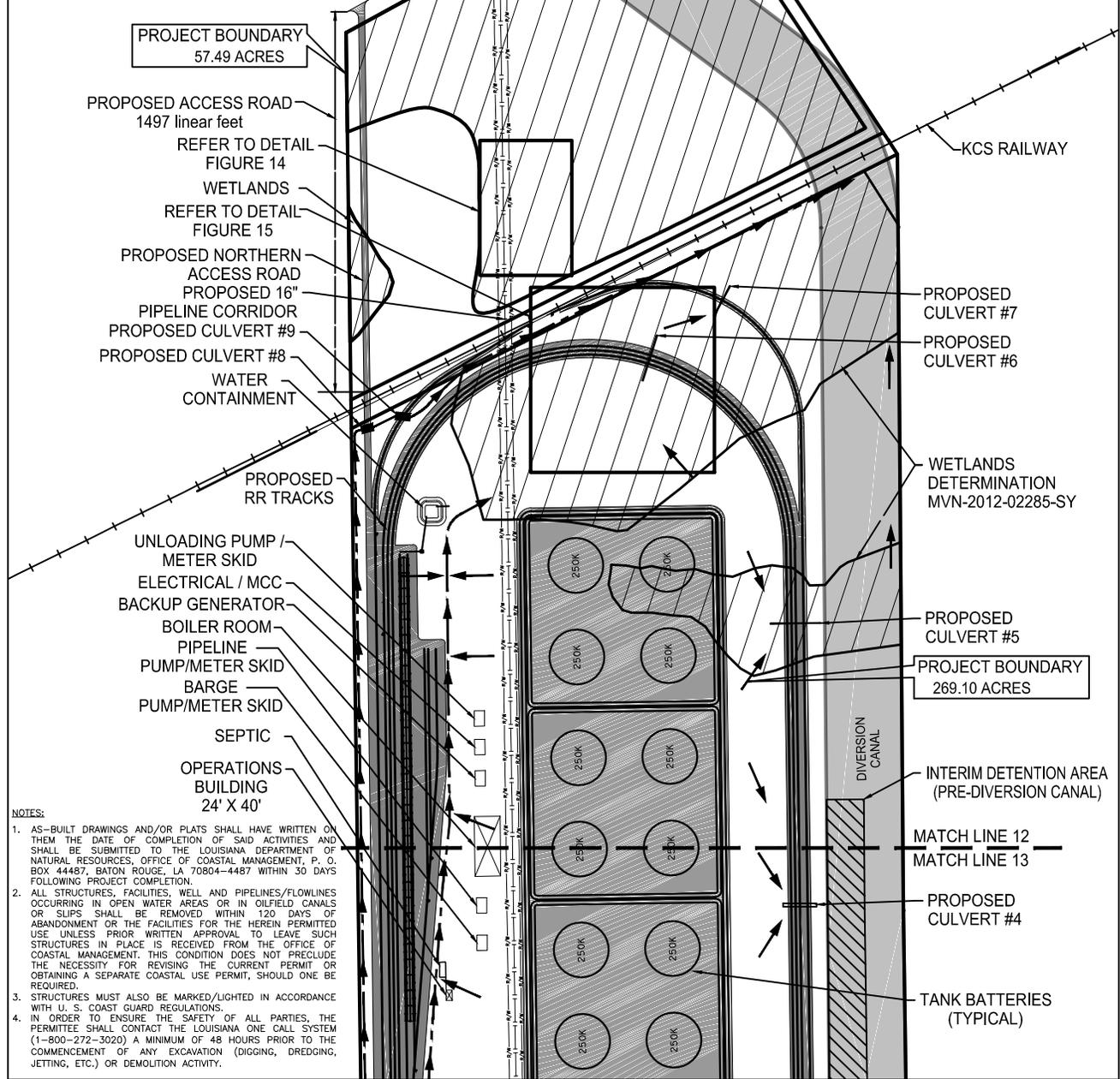
DRAFTED BY: WILSONCO DATE: 12/11/2014

PROJECT:



PROPOSED 16"
PIPELINE CORRIDOR
POINT OF ENDING
LAT 30°04'31.37" N
LONG 90°37'47.36" W

Culvert No.	Dia.	Length	INLET INVERT ELEVATION	OUTLET INVERT ELEVATION
4	42"	64'	2.0'	1.36'
5	27"	64'	2.0'	1.36'
6	48"	64'	1.5'	0.86'
7	48"	50'	1.4'	0.85'
8	27"	34'	2.5'	2.16'
9	27"	34'	2.2'	1.86'



- NOTES:**
- AS-BUILT DRAWINGS AND/OR PLATS 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.
 - 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 OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED.
 - STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
 - 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.



- LEGEND:**
- SITE BOUNDARY
 - PROPOSED RAILROAD
 - PROPOSED P/L CORRIDOR
 - DRAINAGE DITCH
 - SURFACE DRAIN LINE

C:\CIP\A\0151865\GARYVILLE_FIG12.DWG

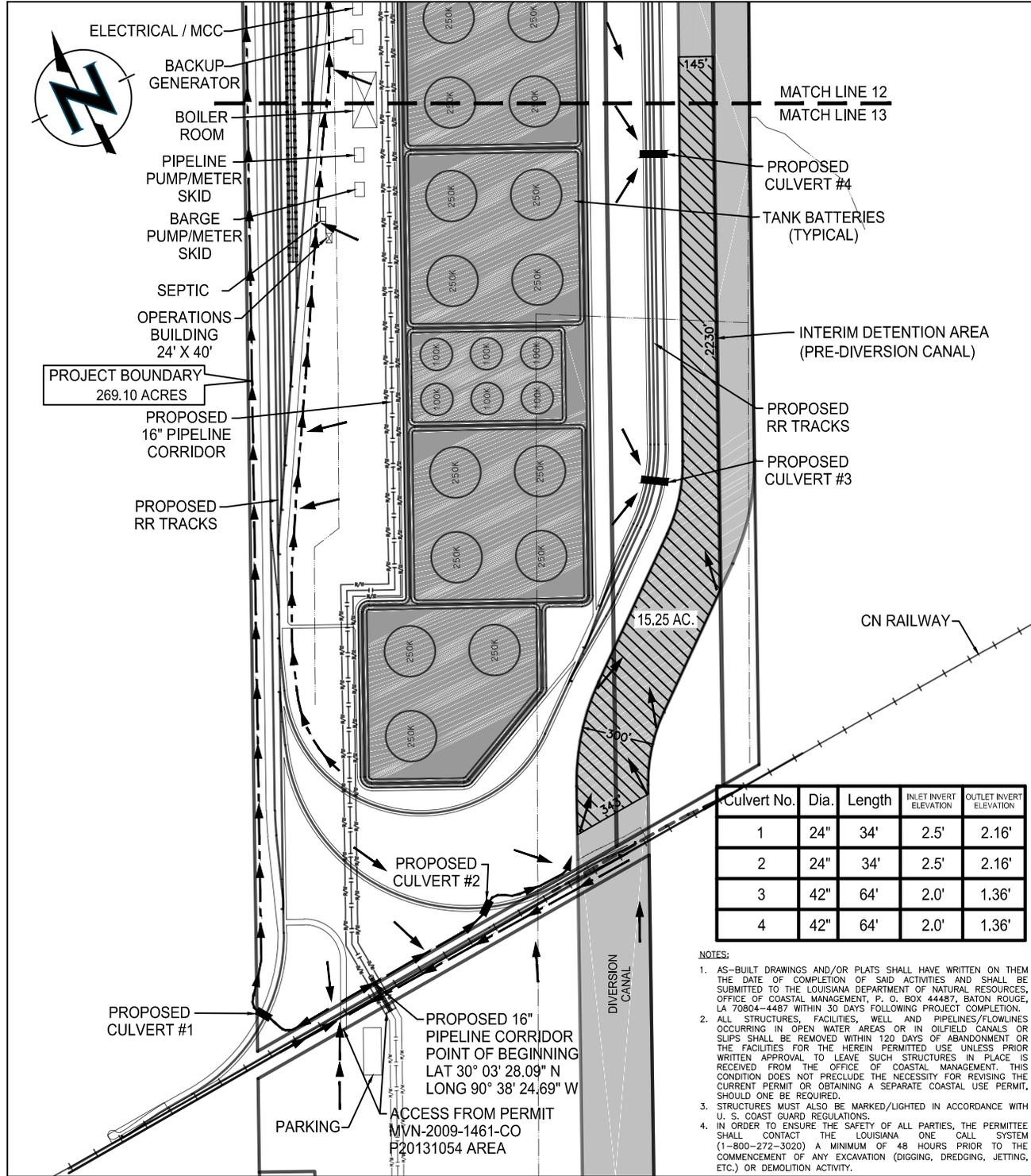


Proposed Surficial Flow Diagram - NORTH
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
12

DRAFTED BY: WLSNDCO DATE: 10/21/2014

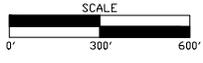
PROJECT:



Culvert No.	Dia.	Length	INLET INVERT ELEVATION	OUTLET INVERT ELEVATION
1	24"	34'	2.5'	2.16'
2	24"	34'	2.5'	2.16'
3	42"	64'	2.0'	1.36'
4	42"	64'	2.0'	1.36'

- NOTES:**
- AS-BUILT DRAWINGS AND/OR PLATS 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.
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 - STRUCTURES MUST ALSO BE MARKED/LIGHTED IN ACCORDANCE WITH U. S. COAST GUARD REGULATIONS.
 - 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.

- LEGEND:**
- SITE BOUNDARY
 - PROPOSED RAILROAD
 - PROPOSED P/L CORRIDOR
 - - - DRAINAGE DITCH
 - SURFACE DRAIN LINE



C:\WCIP\A\0151865\GARYVILLE_FIG13.DWG

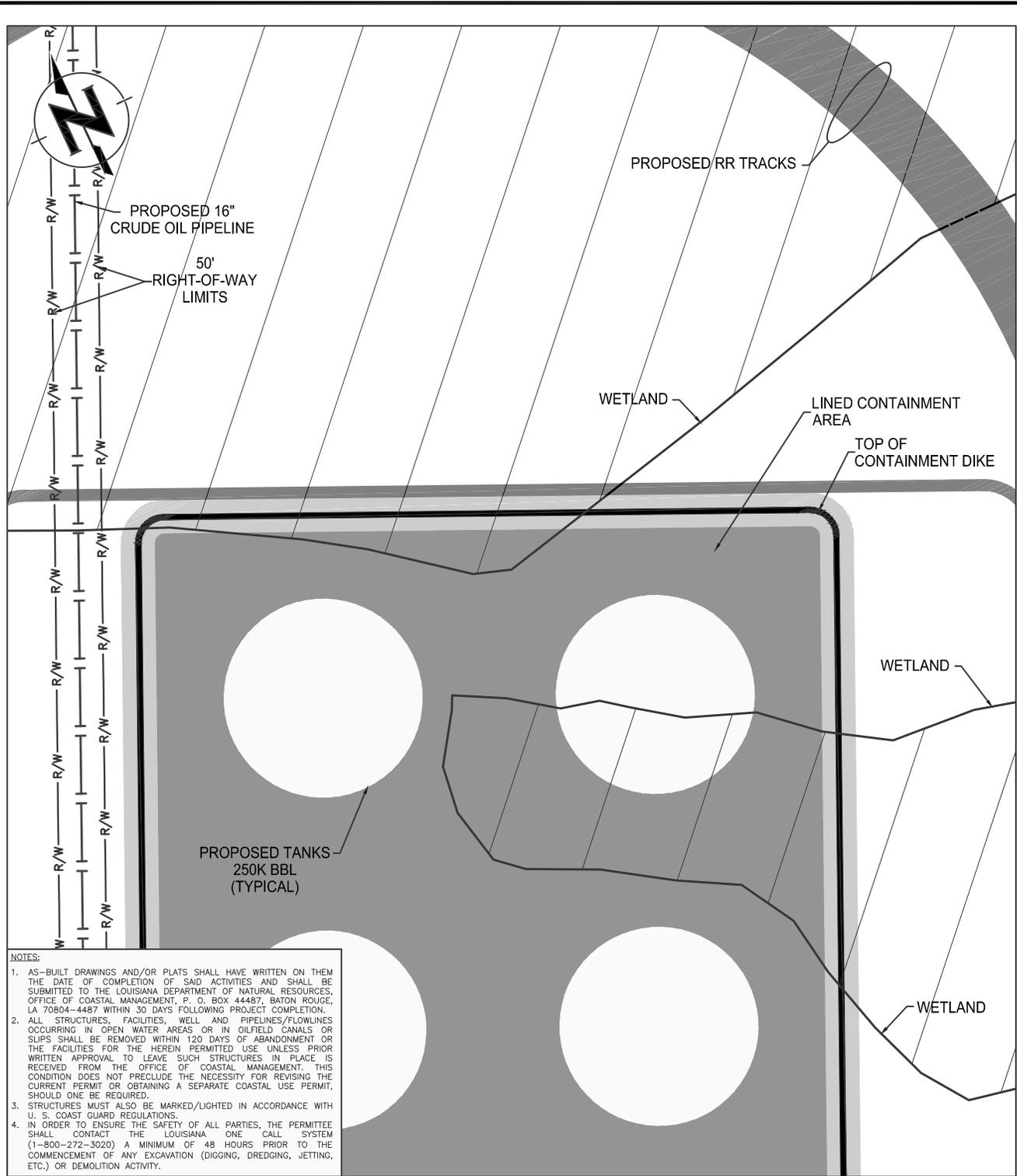


Proposed Surficial Flow Diagram - SOUTH
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

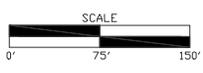
Figure
13

DRAFTED BY: WILSONCO DATE: 10/21/2014

PROJECT:



- NOTES:**
1. AS-BUILT DRAWINGS AND/OR PLATS 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 OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. THIS CONDITION DOES NOT PRECLUDE THE NECESSITY FOR REVISING THE CURRENT PERMIT OR OBTAINING A SEPARATE COASTAL USE PERMIT, SHOULD ONE BE REQUIRED.
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- LEGEND:**
- PROPOSED RAILROAD
 - |— PROPOSED PIPELINE CORRIDOR

C:\CIP\A\0151865\GARYVILLE_FIG14.DWG



Tank Farm Detail View
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
14

DRAFTED BY: WILSONCO DATE: 10/10/2014

PROJECT:



WETLAND BOUNDARY
43.11 ACRES

PROPOSED 16"
CRUDE OIL PIPELINE

50' TEMPORARY
WORKSPACE

50' TEMPORARY
WORKSPACE

BORE EXIT

50'
RIGHT-OF-WAY
LIMITS

RR SWITCHES

PROJECT BOUNDARY
57.49 ACRES

PROJECT BOUNDARY
269.10 ACRES

KCS RAILWAY

PROPOSED RR TRACKS

WETLAND BOUNDARY
29.73 ACRES

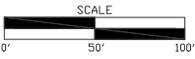
BORE ENTRY

50' TEMPORARY
WORKSPACE

50' TEMPORARY
WORKSPACE

NOTES:

1. AS-BUILT DRAWINGS AND/OR PLATS 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.
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LEGEND:

- SITE BOUNDARY
- PROPOSED RAILROAD
- PROPOSED PIPELINE CORRIDOR

C:\NCPWA\0151865\GARYVILLE_FIG15.DWG



KCS Railroad Pipeline Crossing Detail
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
15

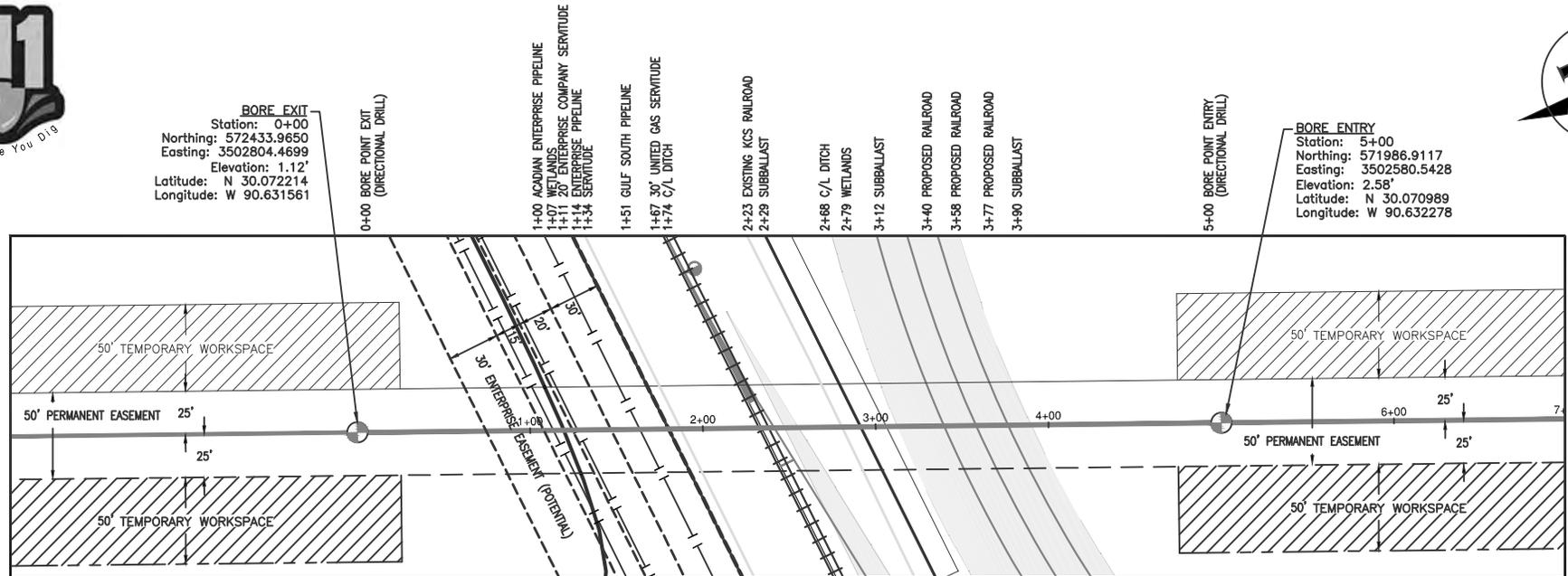
DRAFTED BY: WILSONCO

DATE: 10/10/2014

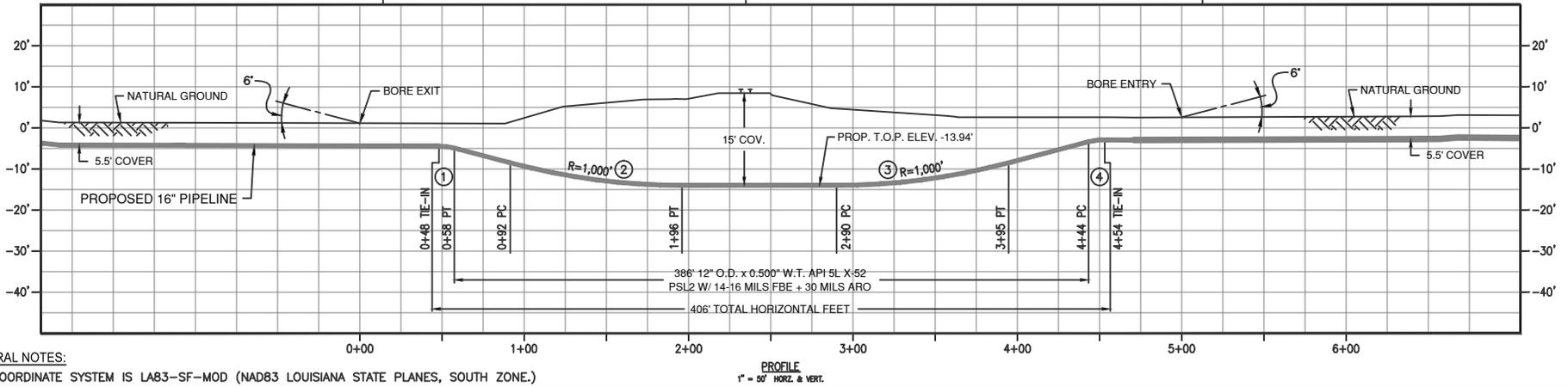
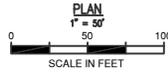
PROJECT:



BORE_EXIT
 Station: 0+00
 Northing: 572433.9650
 Easting: 3502804.4699
 Elevation: 1.12'
 Latitude: N 30.072214
 Longitude: W 90.631561



DESIGN CURVE DATA				
NUMBER	MARK NO.	W.T. PIPE	ANGLE	ARC LEN.
①	1	0.375"	6'	90.59'
②	2	0.500"	6'	104.72'
③	2	0.500"	6'	104.72'
④	1	0.375"	6'	90.59'



GENERAL NOTES:
 1. COORDINATE SYSTEM IS LA83-SF-MOD (NAD83 LOUISIANA STATE PLANES, SOUTH ZONE.)



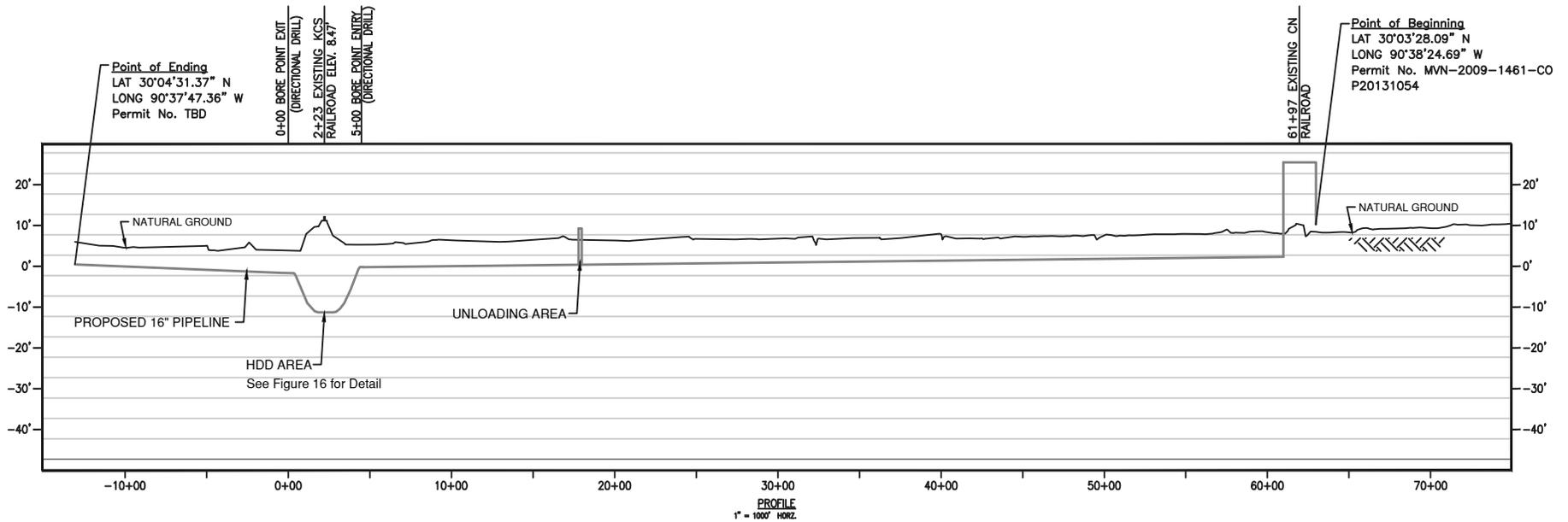
KCS Railroad Pipeline Directional Drill Detail

PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
16

DRAFTED BY: WILSONCO DATE: 10/10/2014

PROJECT:



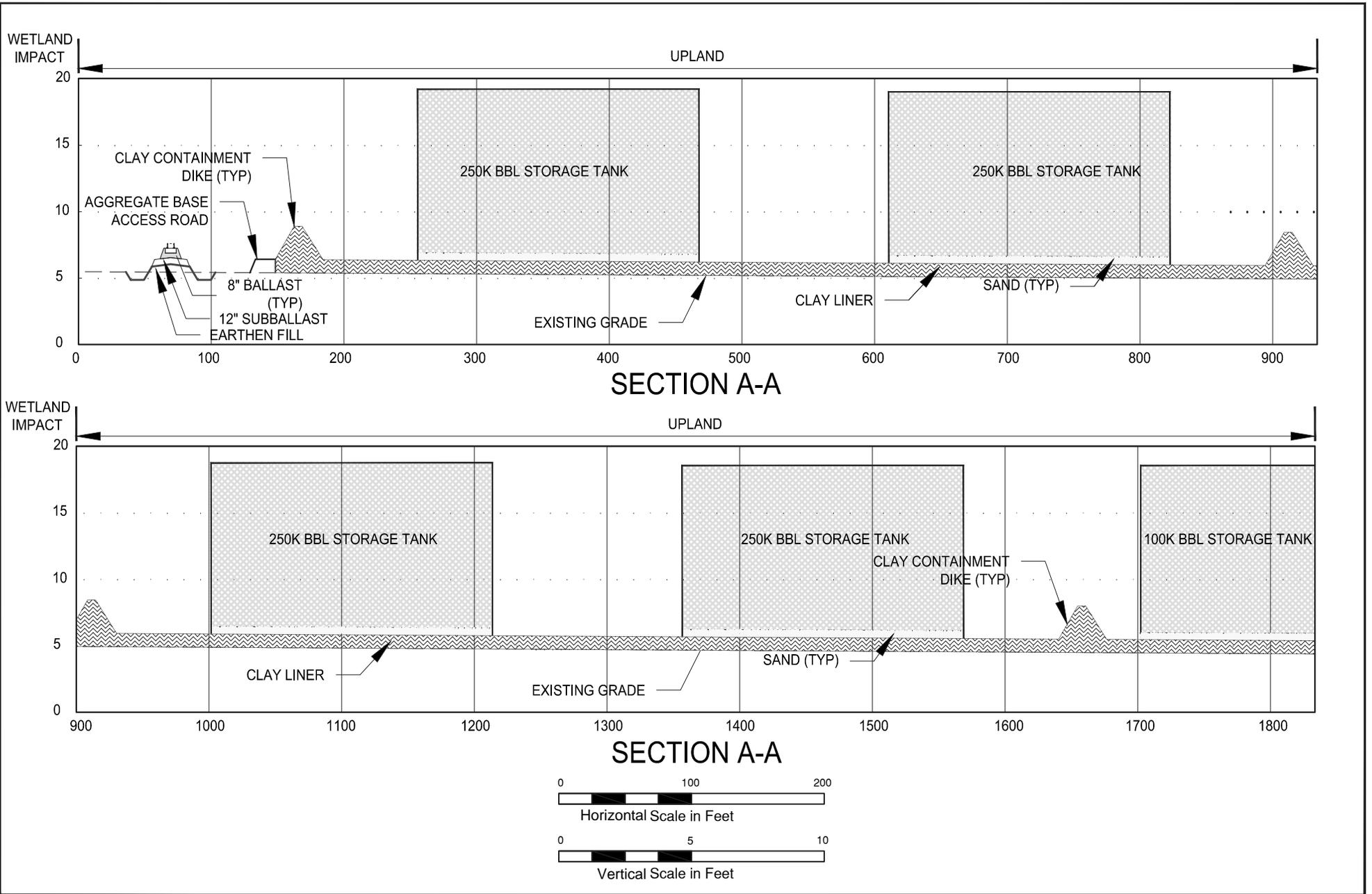
Proposed Pipeline Corridor: Conceptual Profile View
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
17

DRAFTED BY: WILSONCO

DATE: 10/10/2014

PROJECT:



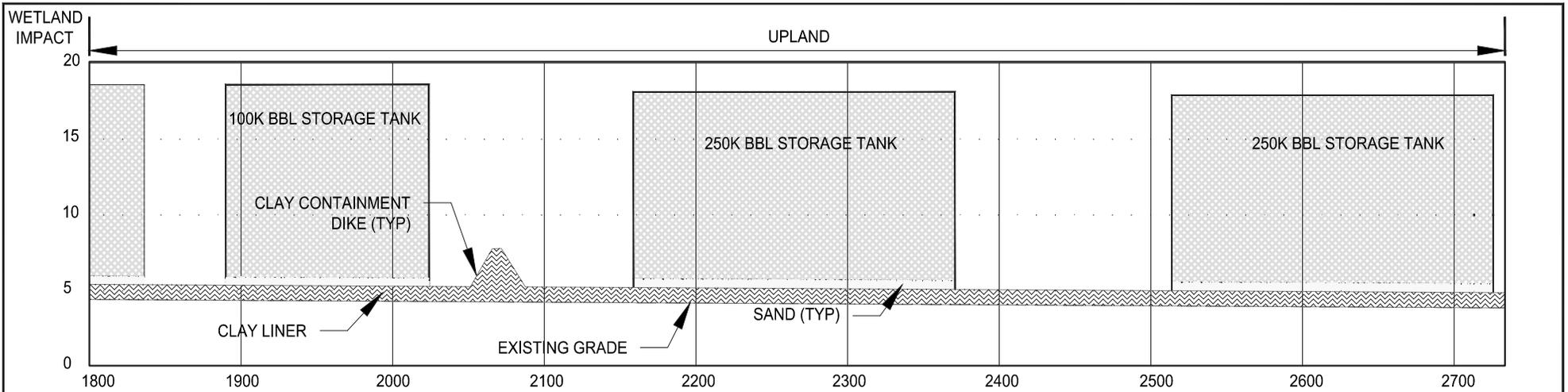
Cross-Section A-A
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
18

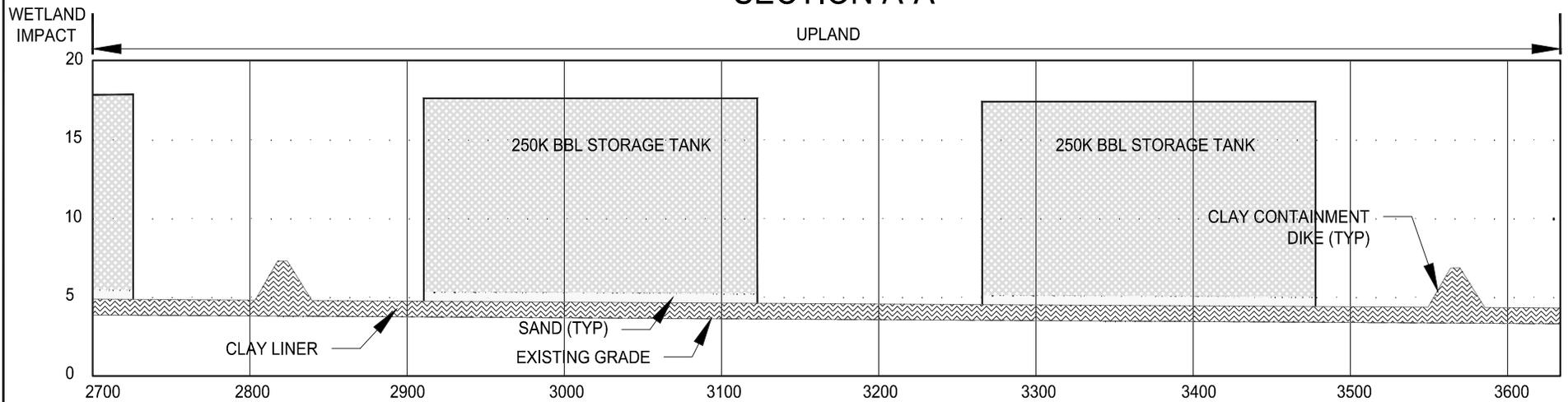
DRAFTED BY: WILSONCO

DATE: 12/05/2014

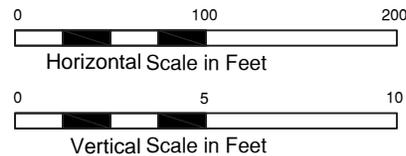
PROJECT:



SECTION A-A



SECTION A-A



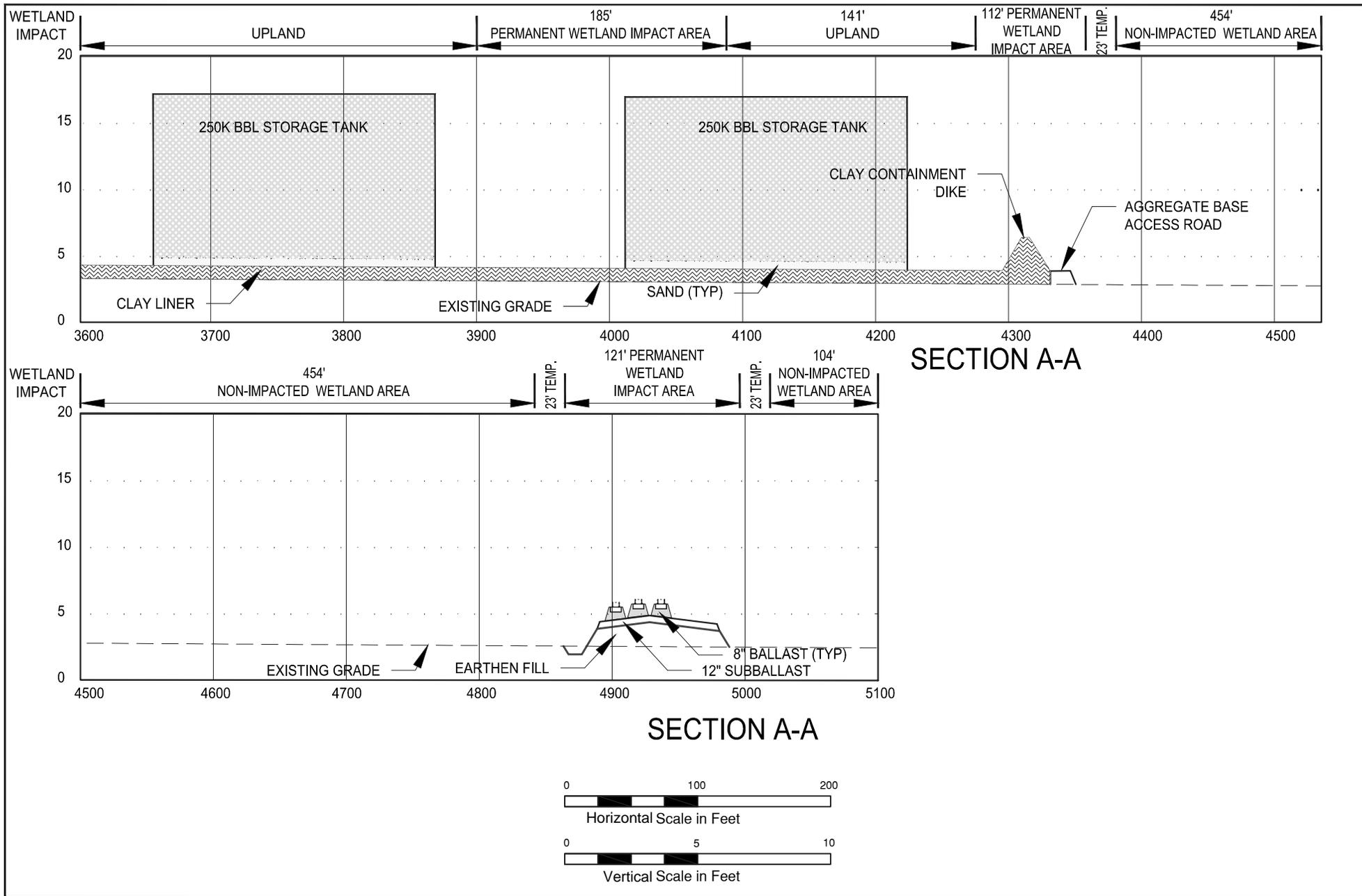
Cross-Section A-A
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
19

DRAFTED BY: WILSONCO

DATE: 12/05/2014

PROJECT:



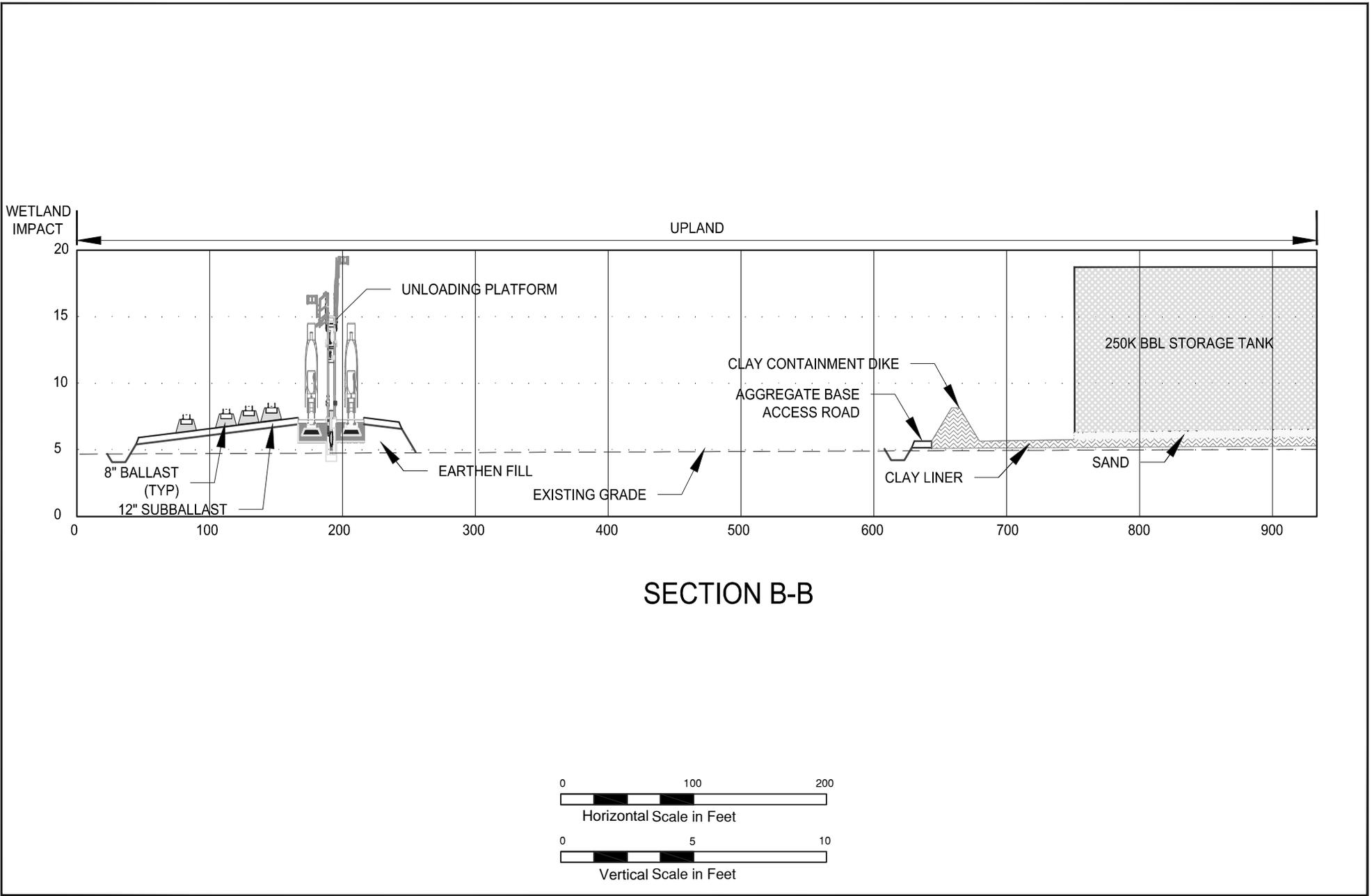
Cross-Section A-A
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
20

DRAFTED BY: WILSONCO

DATE: 12/11/2014

PROJECT:



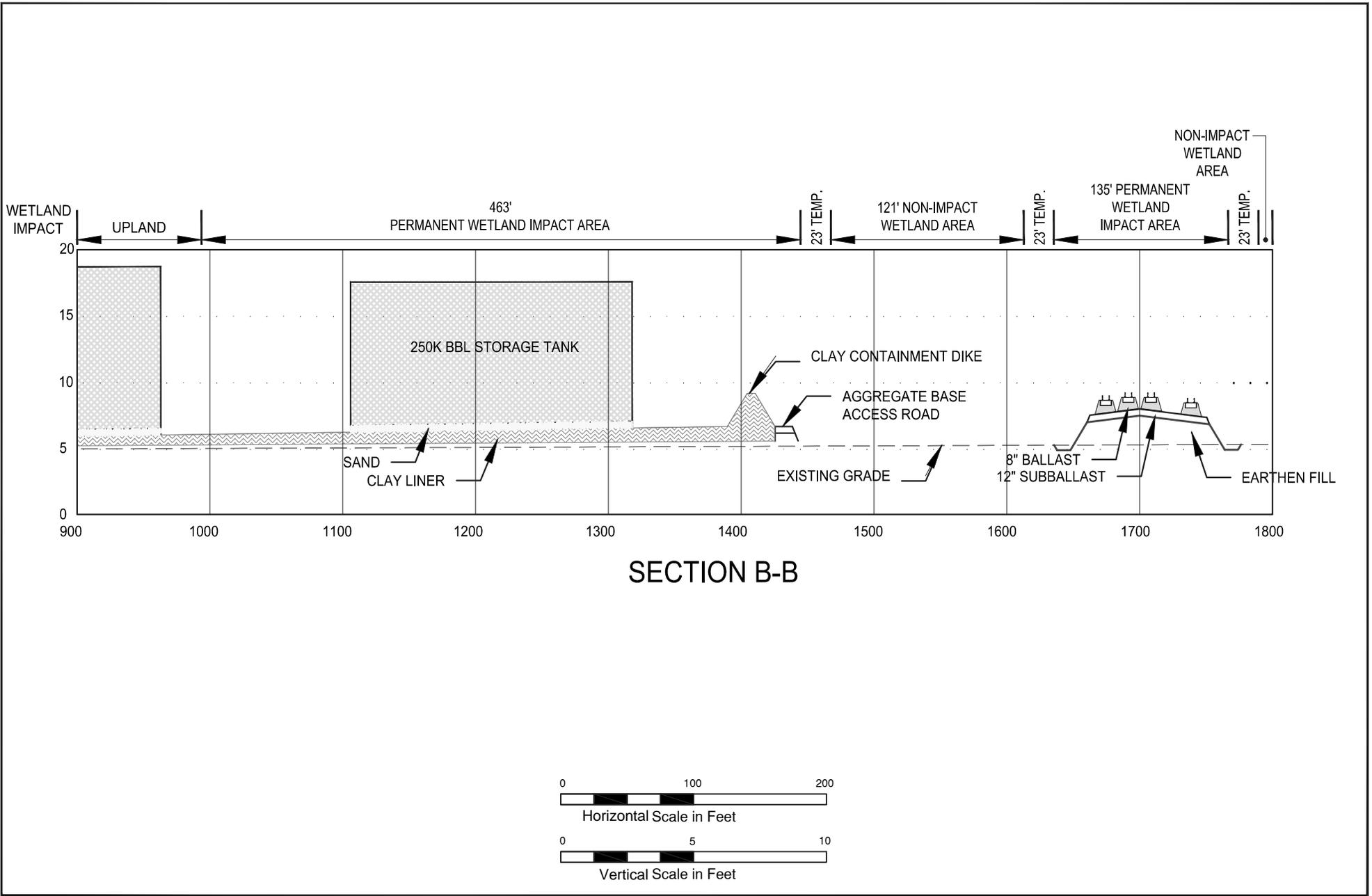
DRAFTED BY: WILSONCO

DATE: 12/05/2014

Cross-Section B-B
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
21

PROJECT:



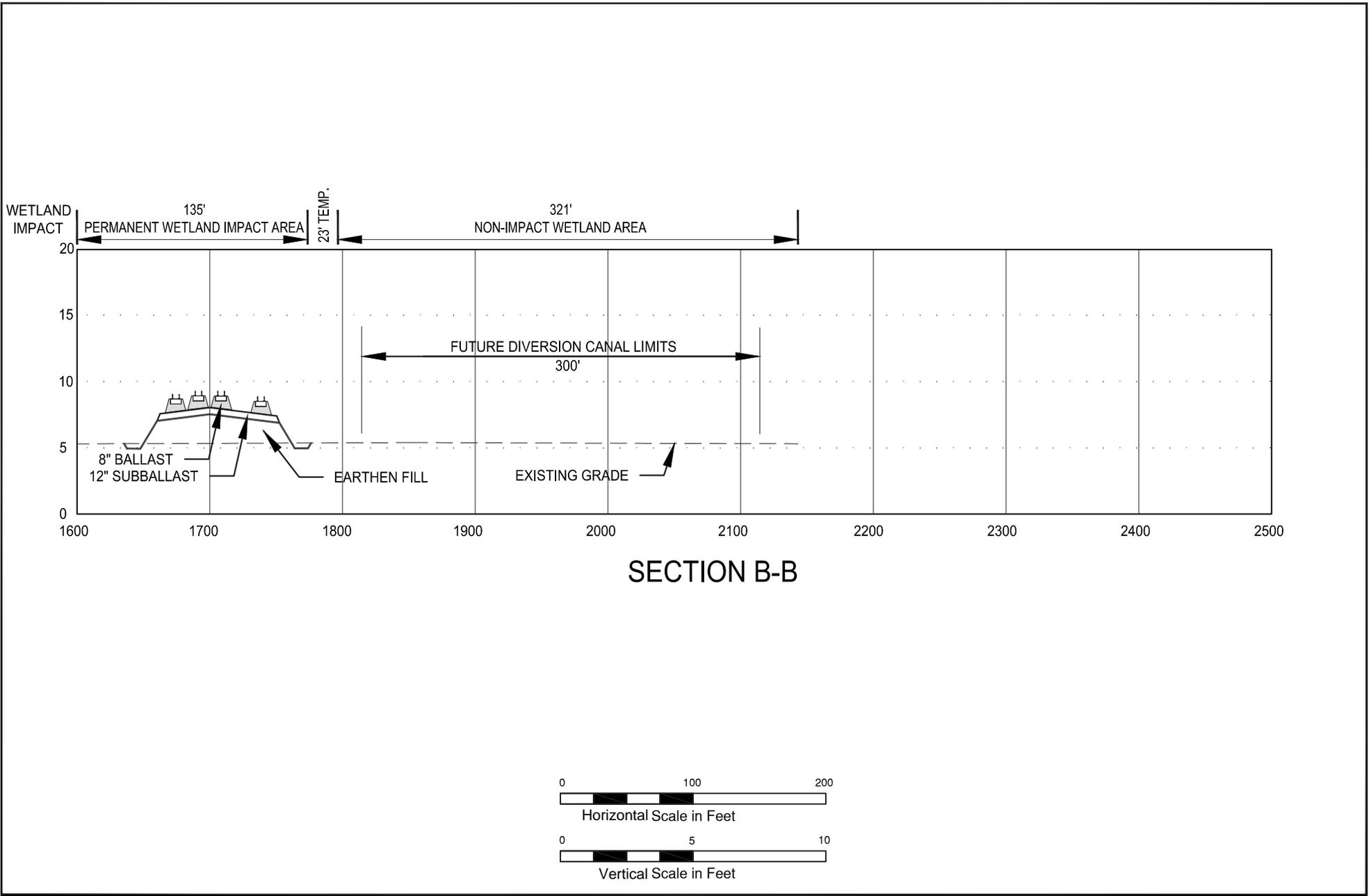
Cross-Section B-B
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

Figure
22

DRAFTED BY: WILSONCO

DATE: 12/11/2014

PROJECT:



SECTION B-B



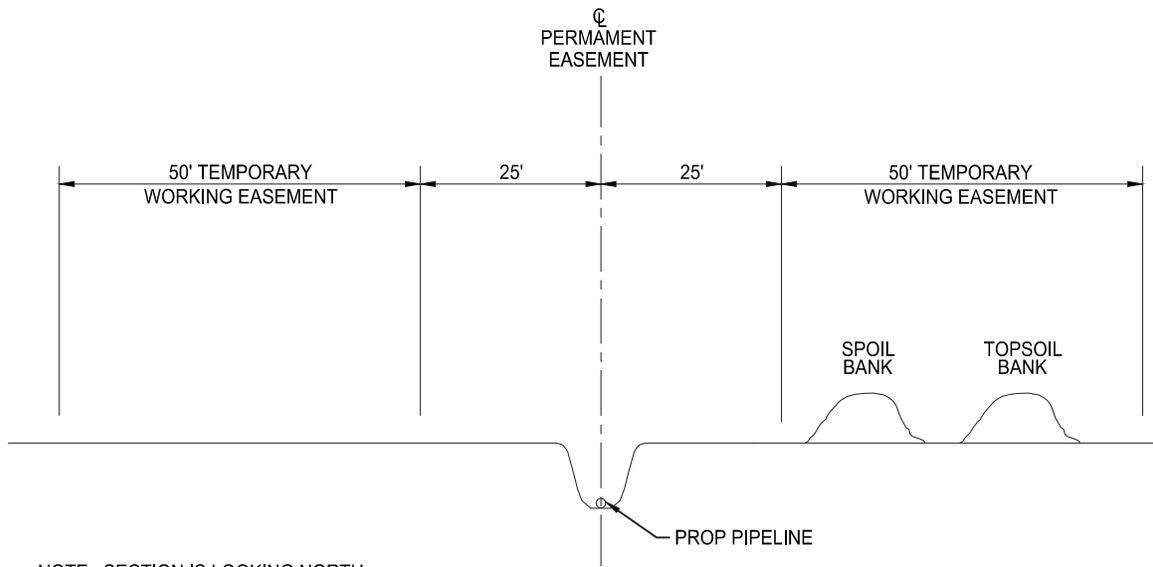
DRAFTED BY: WILSONCO

DATE: 12/11/2014

Cross-Section B-B
 PIN OAK TERMINAL
 MT. AIRY, LOUISIANA
 ST. JOHN THE BAPTIST PARISH

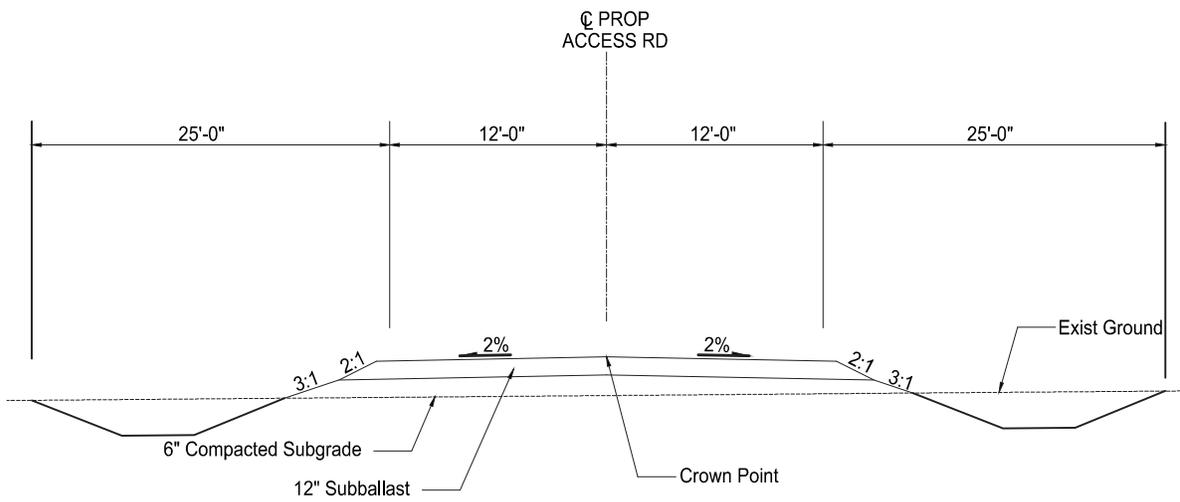
Figure
23

PROJECT:



NOTE: SECTION IS LOOKING NORTH.

SECTION D-D
N.T.S.



SECTION E-E
N.T.S.

Figure 21.dwg



Cross Sections E-E and D-D

Figure
24

DRAFTED BY: WILSONCO DATE: 09/02/2014

PROJECT:

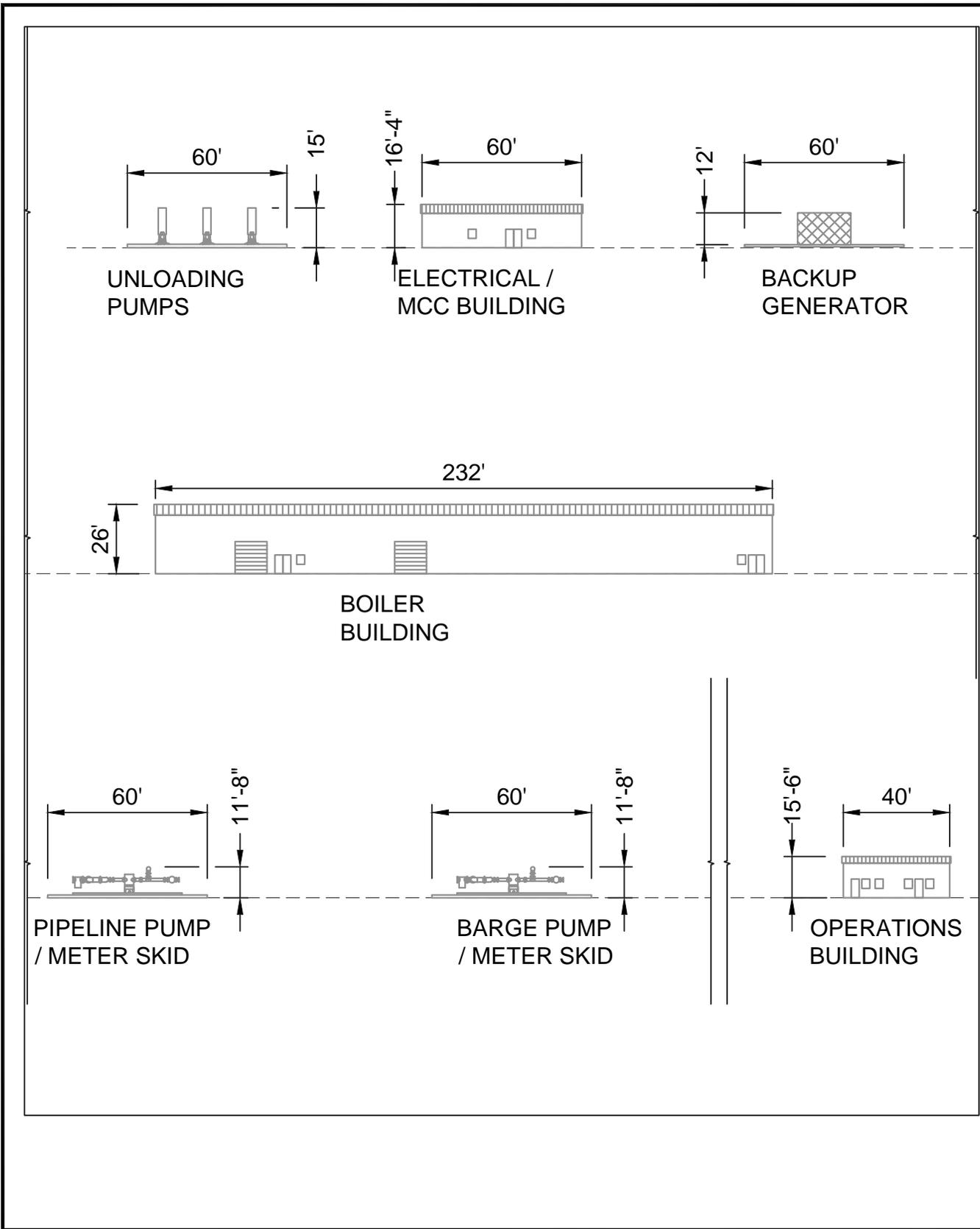


Figure 21.dwg

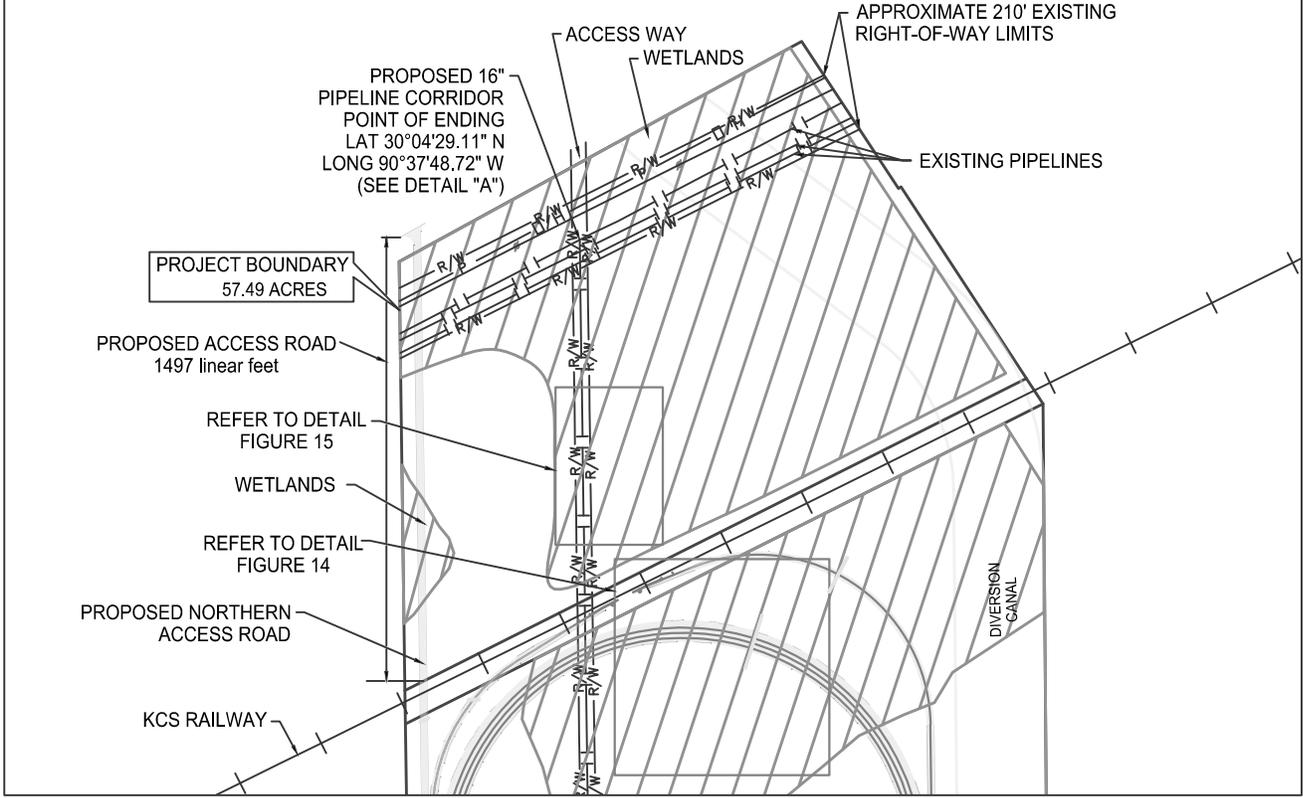


Section F-F

Figure
25

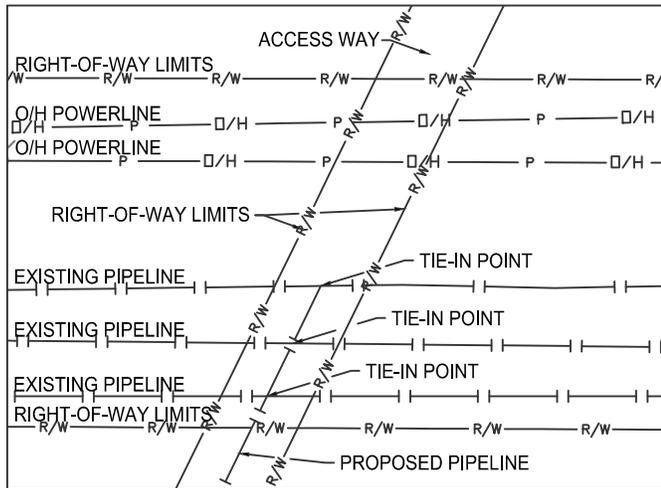
DRAFTED BY: WILSONCO DATE: 10/21/2014

PROJECT:



NOTES:

1. AS-BUILT DRAWINGS AND/OR PLATS 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 OR THE FACILITIES FOR THE HEREIN PERMITTED USE UNLESS PRIOR WRITTEN APPROVAL TO LEAVE SUCH STRUCTURES IN PLACE IS RECEIVED FROM THE OFFICE OF COASTAL MANAGEMENT. 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 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.



DETAIL "A"

LEGEND:

- SITE BOUNDARY
- PROPOSED RAILROAD
- PROPOSED PIPELINE CORRIDOR
- P-O/H- POWER LINE
- W — WATERLINE



C:\CIP\A\0151865\GARYVILLE_FIG26.DWG



Local Area Infrastructure Connection
PIN OAK TERMINAL
MT. AIRY, LOUISIANA
ST. JOHN THE BAPTIST PARISH

Figure
26

DRAFTED BY: WLSNCO DATE: 12/11/2014

PROJECT: