

JOINT PUBLIC NOTICE

July 22, 2019

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

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

(504) 862-1301
Project Manager
Neil T. Gauthier
Neil.T.Gauthier@USACE.army.mil
MVN 2013-02664-CM

(225) 219-3225
Project Manager
Elizabeth Hill
WQC Application Number
WQC 150406-01

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: [] 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, Water Quality Certifications Section, 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 CONSTRUCTION OF A WETLAND ASSIMILATION FACILITY IN EAST BATON ROUGE PARISH

NAME OF APPLICANT: Longwood Green Initiative, c/o Natural Resource Professionals, LLC, Attn: Alissa Berthelot, 7478 Highland Rd., Baton Rouge, Louisiana 70808.

LOCATION OF WORK: In Baton Rouge, Louisiana, just south of Burbank Dr. near Bayou Fountain (30.34028, -91.10222), in East Baton Rouge Parish, within the Amite River Basin in hydrologic unit (HUC 08070202), as shown on the attached drawings.

The work described below was partially completed prior to obtaining a Department of the Army permit and was in violation of Section 301 of the Clean Water Act. All legal issues concerning the unauthorized work have since been deferred.

CHARACTER OF WORK The applicant has requested Department of the Army authorization to clear, grade, excavate, and deposit fill/aggregate material to construct and maintain a wetland assimilation facility (Harveston Wastewater Treatment Facility) to handle waste water treatment to serve the Harveston Residential Development to the west. Approximately 141,000 cubic yards of earthen fill material and crushed limestone will be deposited to complete the project. In addition a 3,800-foot long 10" diameter main distribution line along the access road will supply (3) 6" diameter distribution lines that will be installed on the ground within the 287 acre forested wetland for the treated effluent to

be discharged. The proposed project is situated on an approximately 605-acre tract that has been determined to contain 571.6 acres of forested wetlands and 34.2 acres of non-wetland. Approximately 4.42 acres of jurisdictional forested wetlands and 0.03 acre of "other waters of the US" will be permanently impacted.

The applicant claims that the project was designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. Any further reduction would limit usage of the property, therefore 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 applicant may be required to fully or partially restore the site to pre-project conditions if issuance of a permit is determined to be contrary to the public interest.

The comment period for the Department of Army will close in **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 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, pre-historical, historical sites, or data. Copies of this notice are being sent to the State Archeologist and the 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 there are no endangered species in the project area.

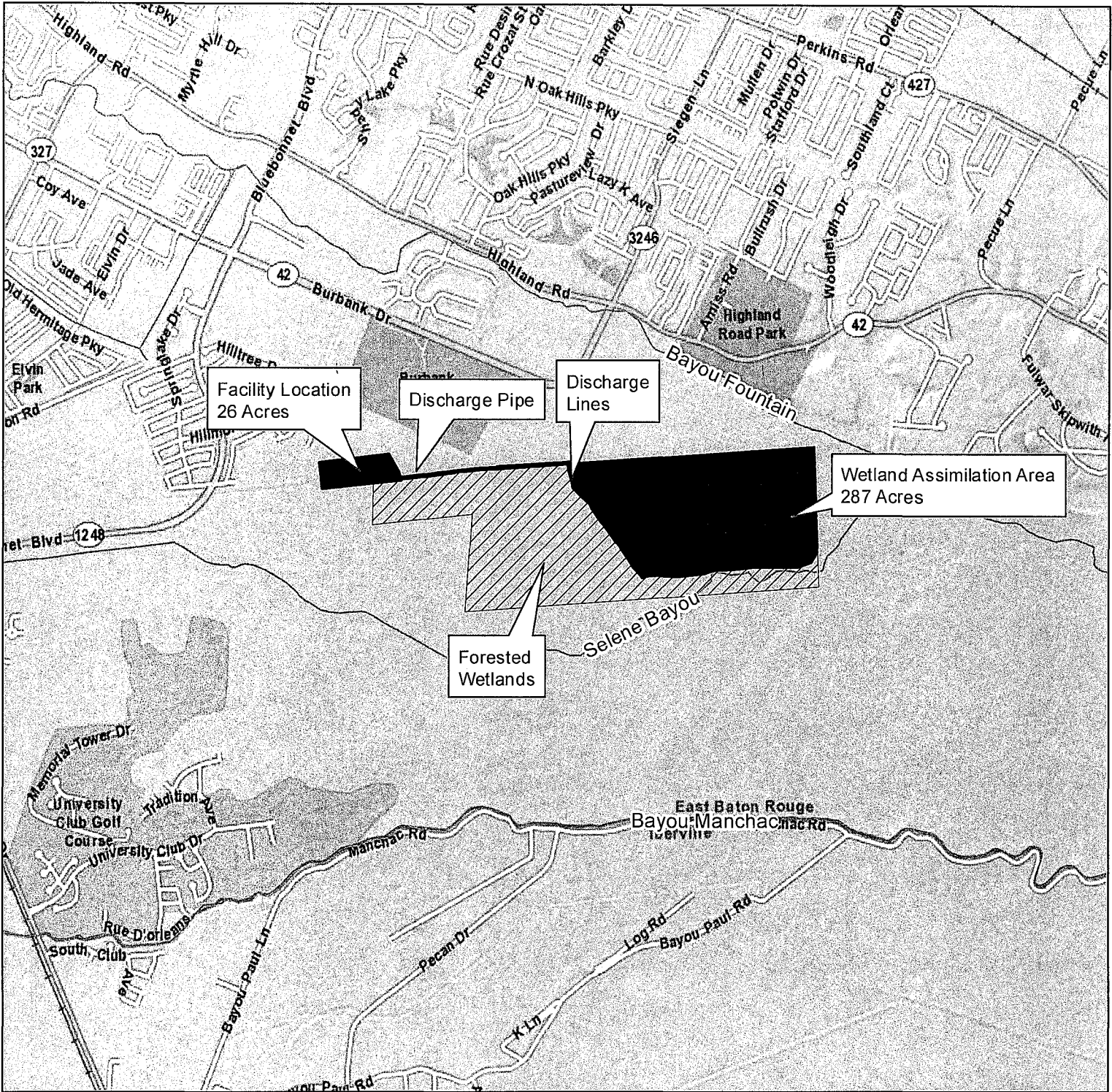
This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of up to 0 acres of EFH utilized by various life stages of red drum and penaeid shrimp. 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.

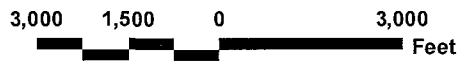
JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

Enclosures



Legend

 Project Area



NRP

Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC

Baton Rouge, LA

**WETLAND ASSIMILATION FACILITY
VICINITY MAP
EAST BATON ROUGE PARISH, LOUISIANA**

Created : AGB/ArcView

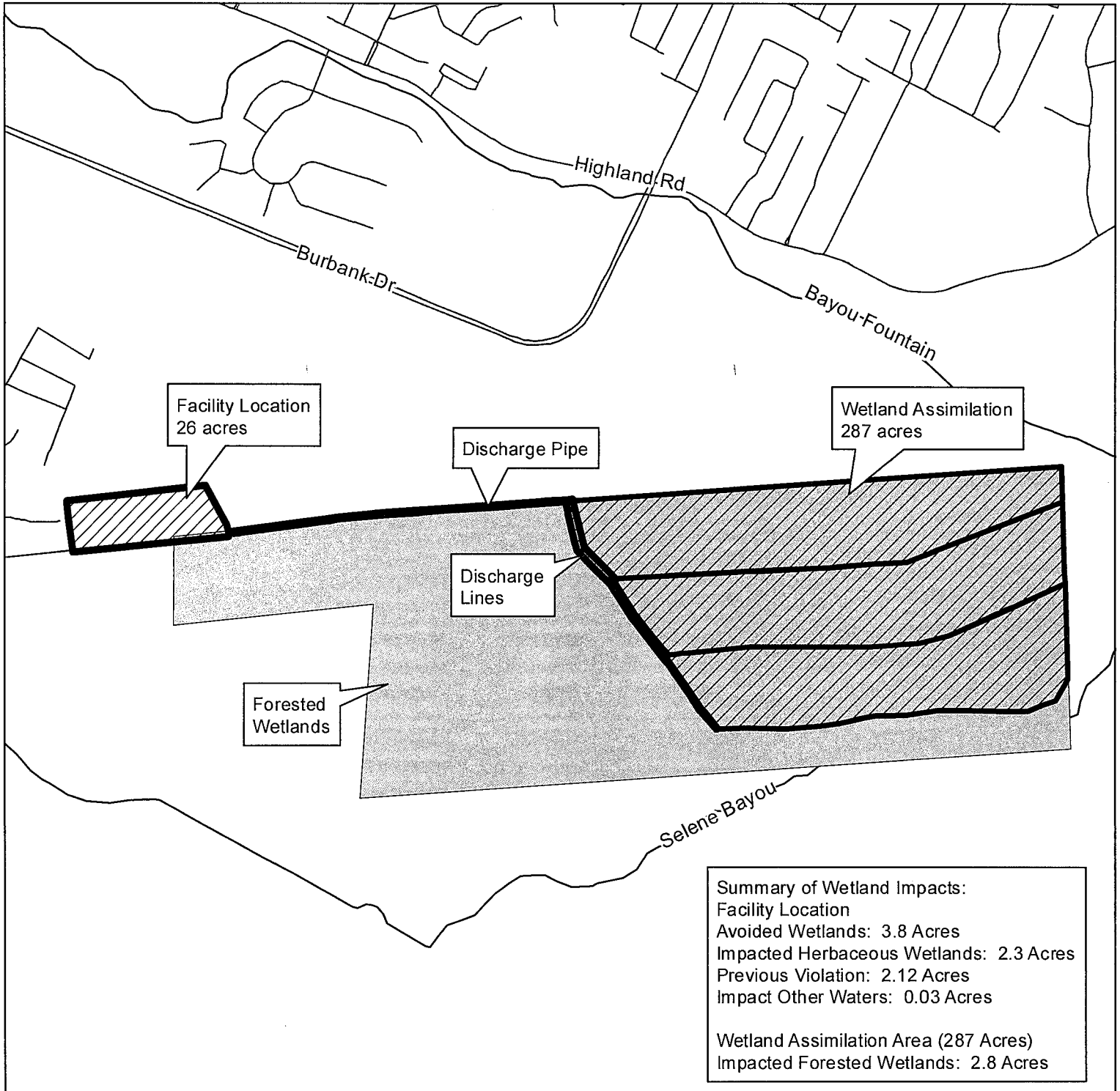
Approved : SPN

Date : 6/8/2015

Map No. :

FIGURE 1





Legend

- Project Area (26 Acres)
- Forested Wetlands
- Existing Roadways
- Existing Waterways

Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.



NRP



Harveston Wastewater District LLC

Baton Rouge, LA

SITE MAP

EAST BATON ROUGE PARISH, LOUISIANA

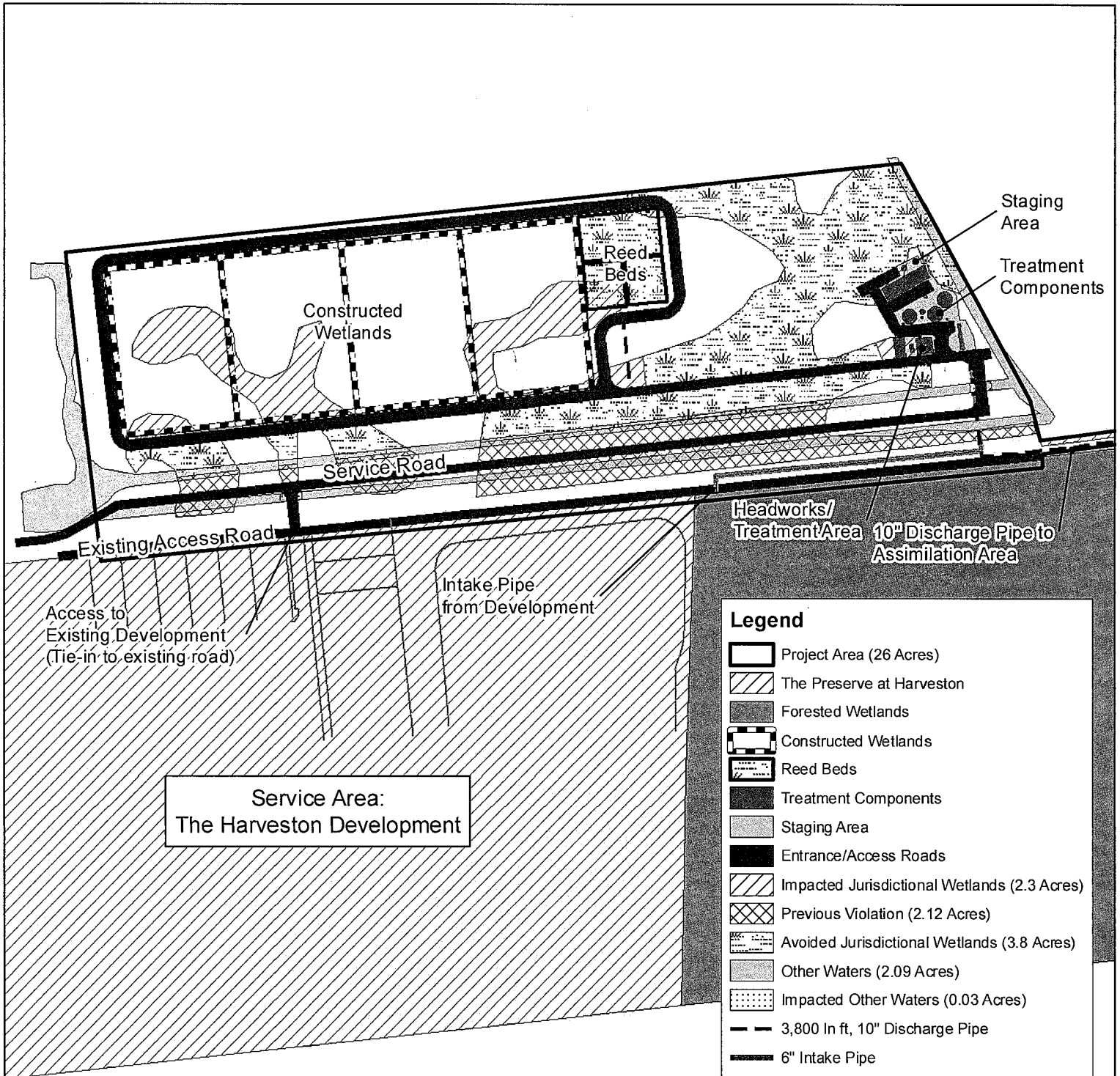
Created : AGB/ArcView

Approved : SPN

Date : 6/8/2015

Map No. :

FIGURE 2



Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.



Harveston Wastewater District LLC

Baton Rouge, LA

DETAILED FACILITY MAP

EAST BATON ROUGE PARISH, LOUISIANA

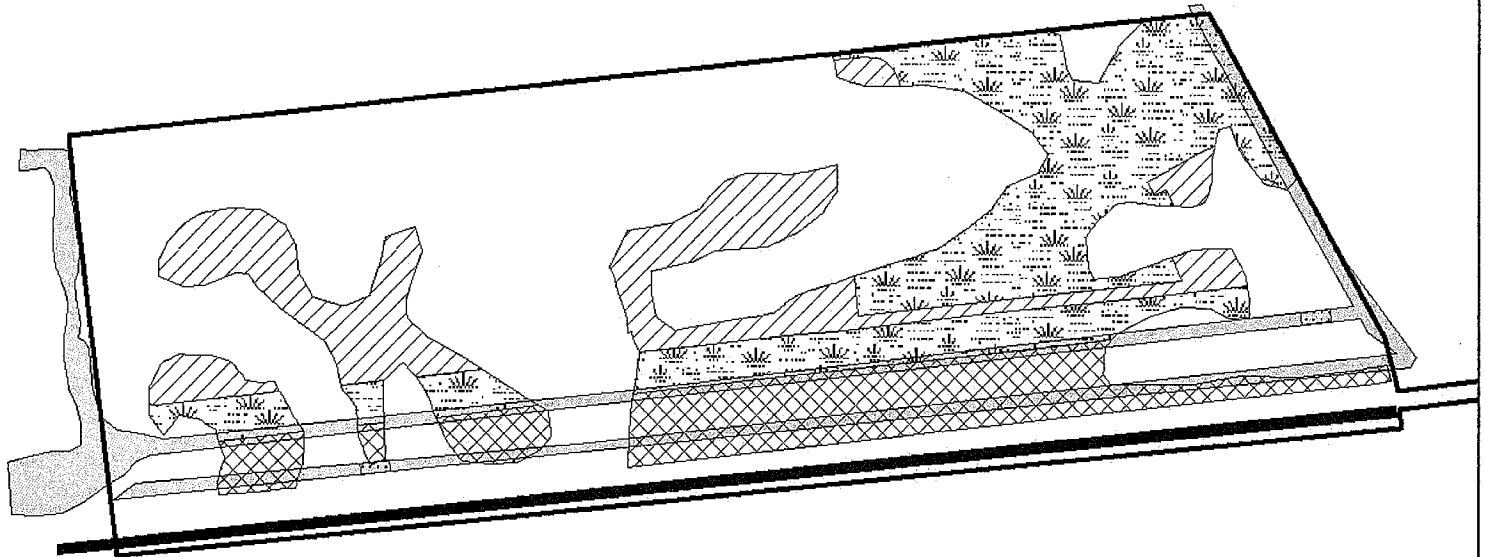
Created : AGB/ArcView

Approved : SPN





Date : 6/8/2015

Map No. :

FIGURE 3



Legend

-  Project Area (26 Acres)
-  Entrance/Access Roads
-  Impacted Jurisdictional Wetlands (2.3 Acres)
-  Avoided Jurisdictional Wetlands (3.8 Acres)
-  Previous Violation (2.12 Acres)
-  Other Waters (2.09 Acres)
-  Impacted Other Waters (0.03 Acres)



Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC

Baton Rouge, LA

WETLAND MAP

EAST BATON ROUGE PARISH, LOUISIANA

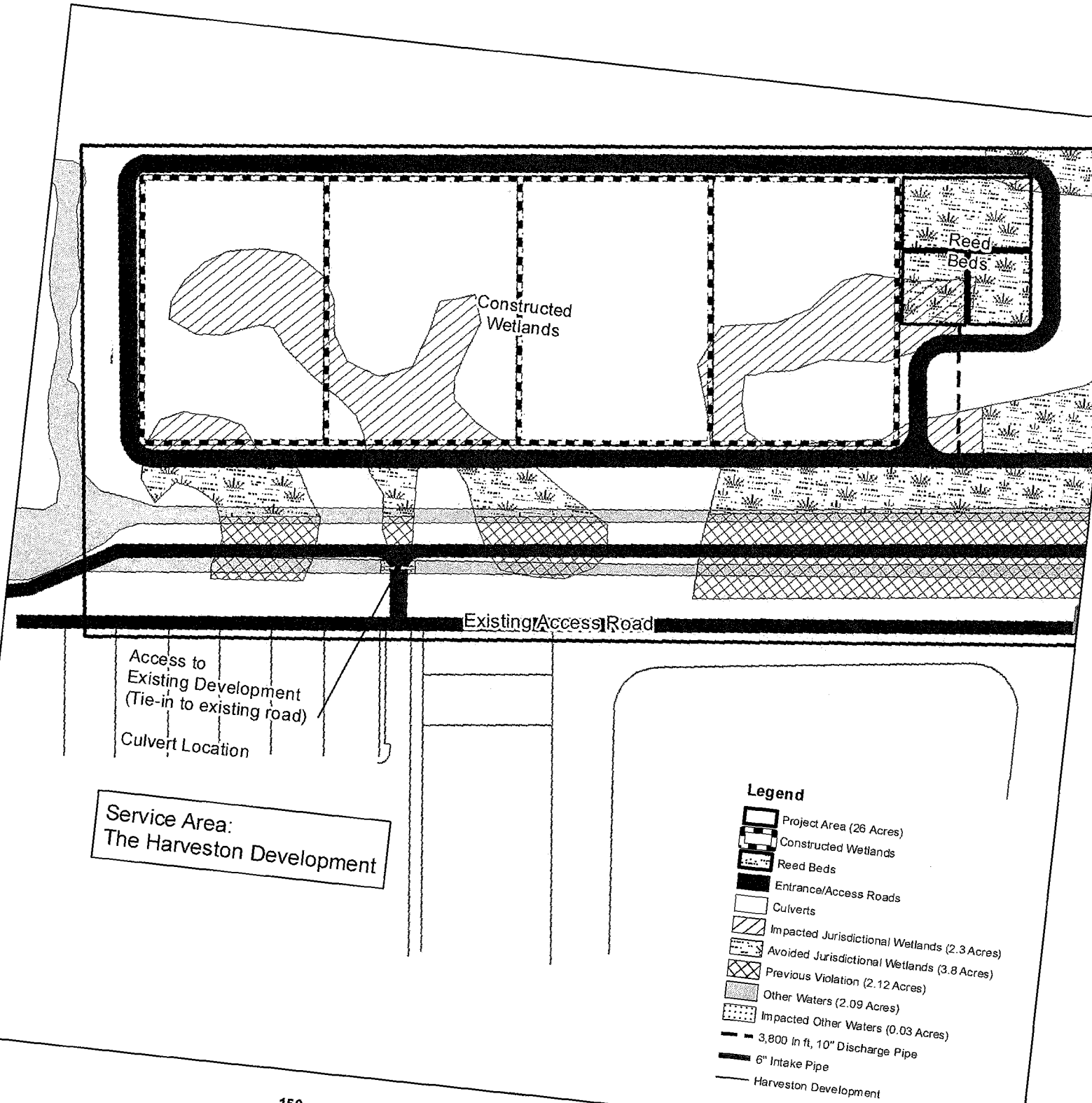
Created : AGB/ArcView

Approved : SPN

Date : 6/8/2015

Map No. :

FIGURE 4

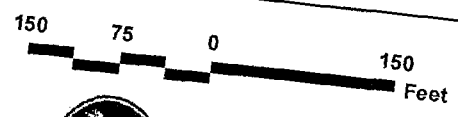


Access to Existing Development (Tie-in to existing road)
 Culvert Location

Service Area:
 The Harveston Development

Legend

- Project Area (26 Acres)
- Constructed Wetlands
- Reed Beds
- Entrance/Access Roads
- Culverts
- Impacted Jurisdictional Wetlands (2.3 Acres)
- Avoided Jurisdictional Wetlands (3.8 Acres)
- Previous Violation (2.12 Acres)
- Other Waters (2.09 Acres)
- Impacted Other Waters (0.03 Acres)
- 3,800 In ft, 10" Discharge Pipe
- 6" Intake Pipe
- Harveston Development



NRP

Map Notes:

The boundary shown is based on the boundary survey provided by the client.
 Topographic Map obtained online from ArcGIS Server.
 Map projected to NAD83 UTM Zone 15.



Harveston Wastewater District LLC

Baton Rouge, LA

WETLAND MAP

EAST BATON ROUGE PARISH, LOUISIANA

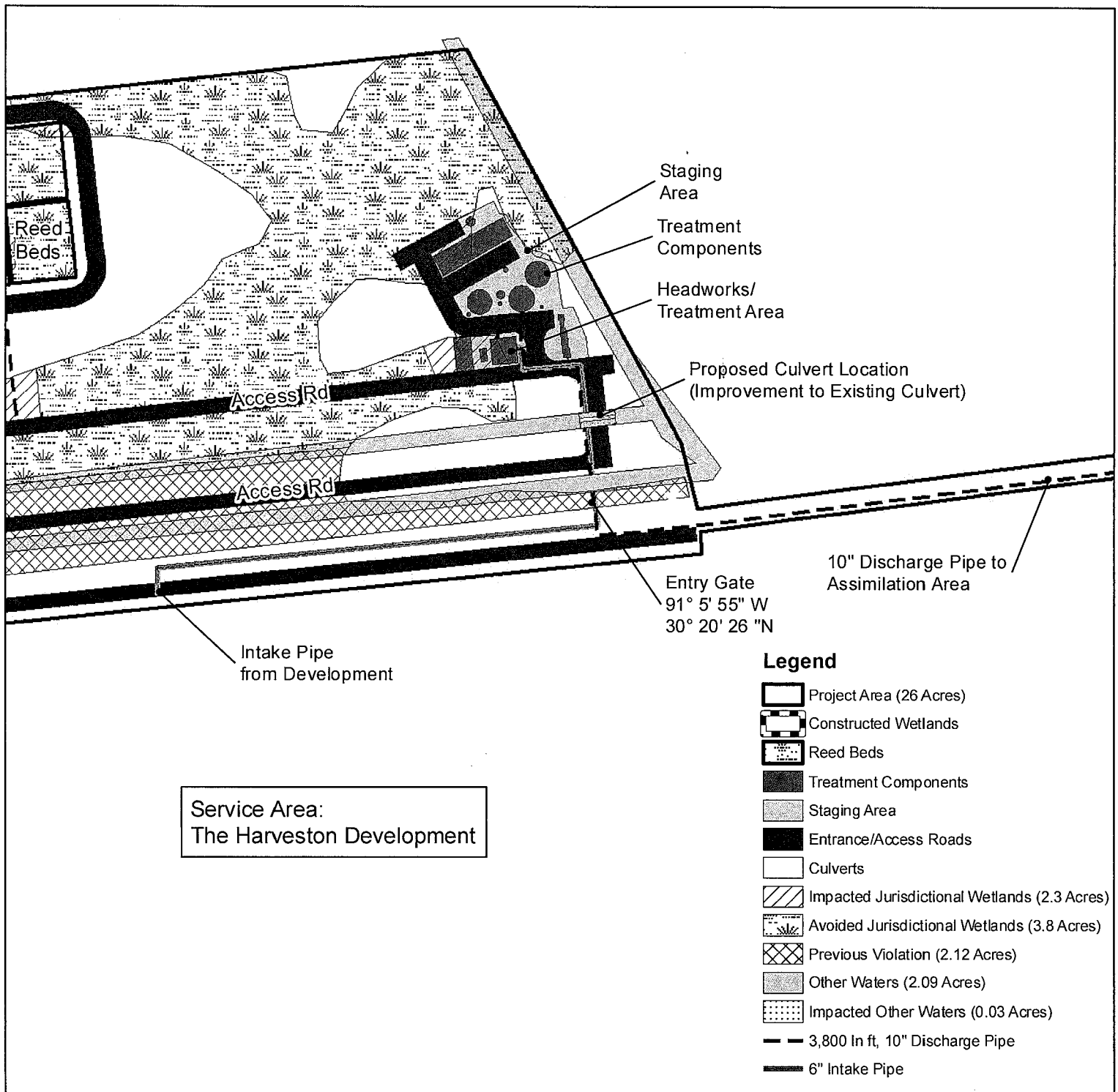
Created: AGB/ArcView

Approved: SPN

Date: 6/8/2015

Map No.:

FIGURE 5



NRP



Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC

Baton Rouge, LA

WETLAND MAP

EAST BATON ROUGE PARISH, LOUISIANA

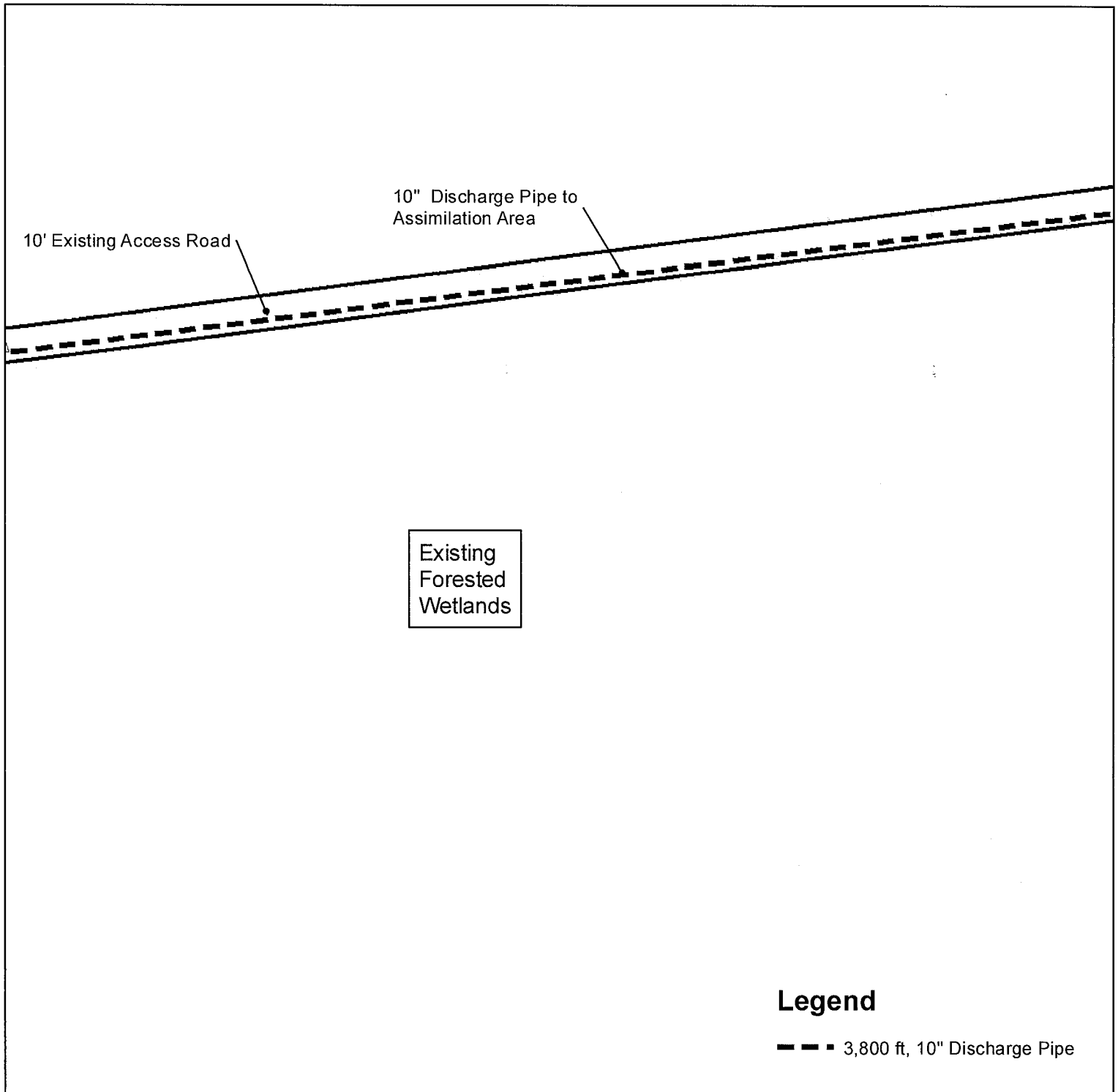
Created : AGB/ArcView

Approved : SPN

Date : 6/8/2015

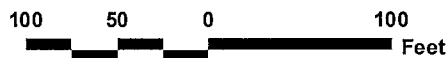
Map No. :

FIGURE 6



Legend

--- 3,800 ft, 10" Discharge Pipe



Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC

Baton Rouge, LA

WETLAND MAP

EAST BATON ROUGE PARISH, LOUISIANA

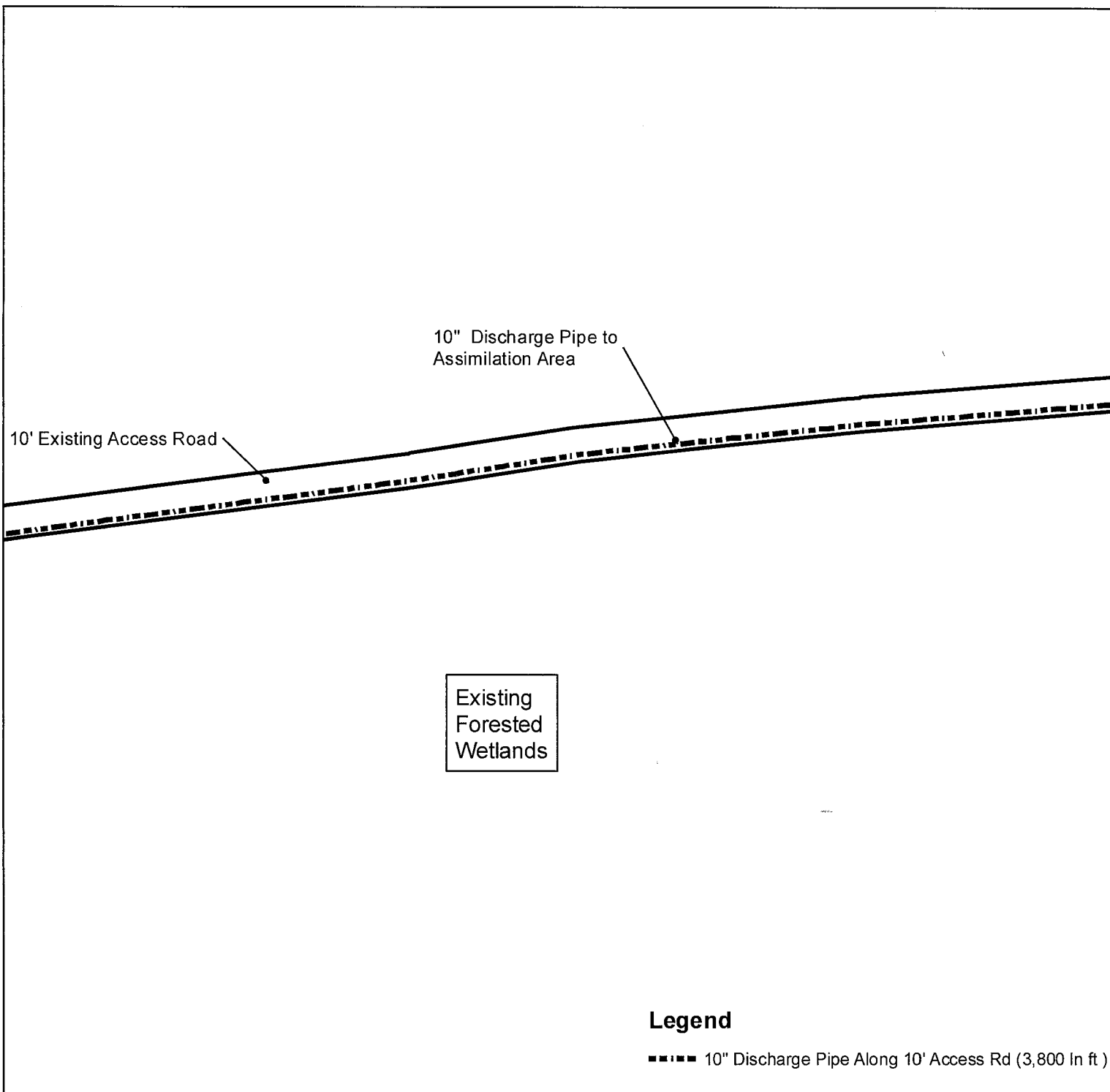
Created : AGB/ArcView

Approved : SPN

Date : 6/8/2015

Map No. :

FIGURE 7



Existing
Forested
Wetlands

Legend

--- 10" Discharge Pipe Along 10' Access Rd (3,800 In ft)



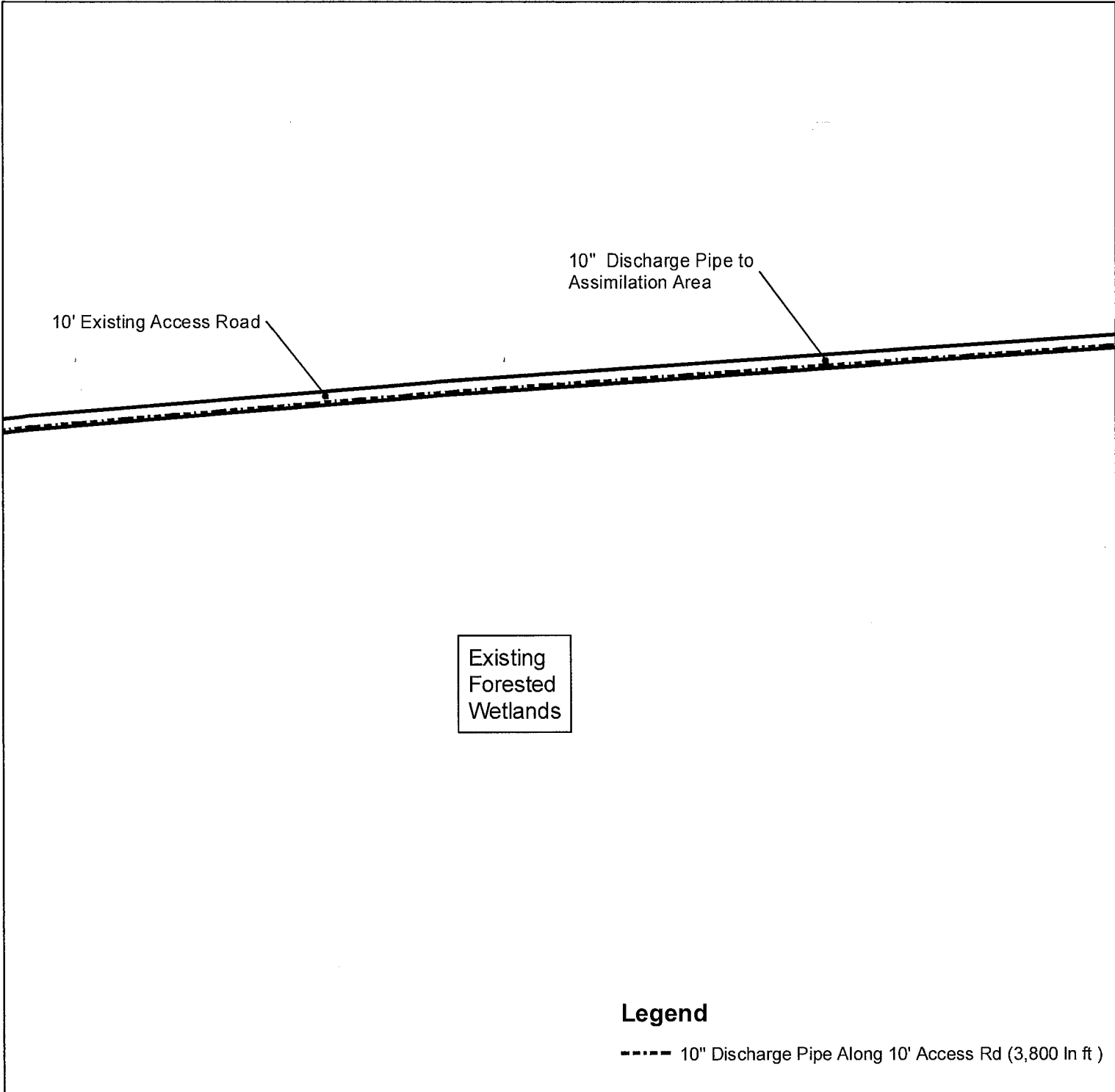
NRP



Map Notes:

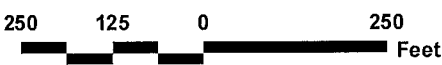
1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC
Baton Rouge, LA
WETLAND MAP
EAST BATON ROUGE PARISH, LOUISIANA
Created : AGB/ArcView
Approved : SPN
Date : 6/8/2015
Map No. :
FIGURE 8



Legend

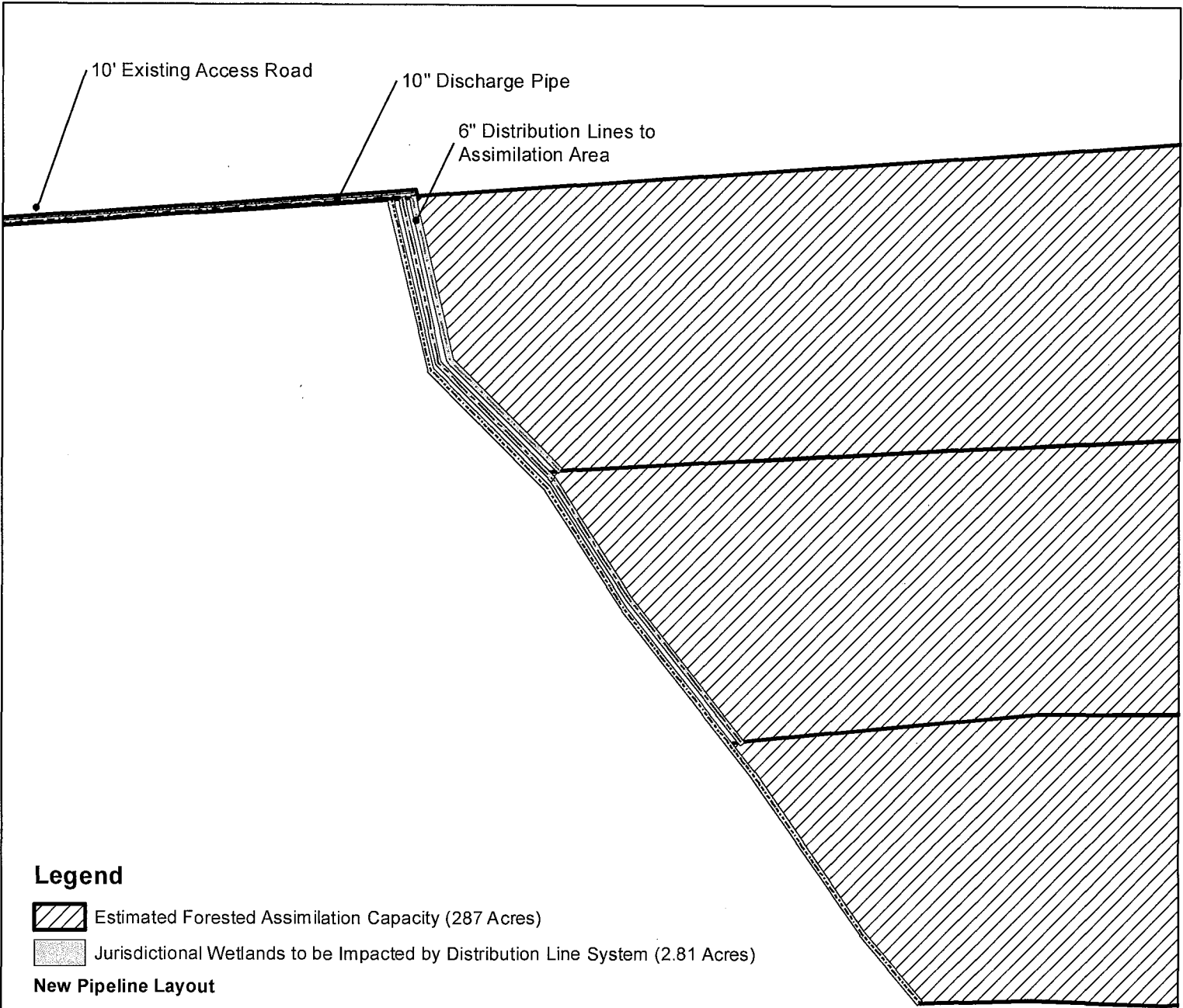
----- 10" Discharge Pipe Along 10' Access Rd (3,800 In ft)





Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.





Harveston Wastewater District LLC
Baton Rouge, LA
WETLAND MAP
EAST BATON ROUGE PARISH, LOUISIANA
Created : AGB/ArcView
Approved : SPN
Date : 6/8/2015
Map No. :
FIGURE 9



Legend

-  Estimated Forested Assimilation Capacity (287 Acres)
-  Jurisdictional Wetlands to be Impacted by Distribution Line System (2.81 Acres)

New Pipeline Layout

-  Discharge Pipe Along 10' Access Rd (3,800 In ft)
-  Phase I Distribution Line (1,000 In ft)
-  Phase II Distribution Line (2,000 In ft)
-  Phase III Distribution Line (3,000 In ft)



Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC

Baton Rouge, LA

WETLAND MAP

EAST BATON ROUGE PARISH, LOUISIANA

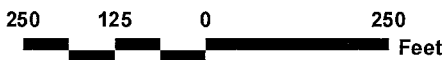
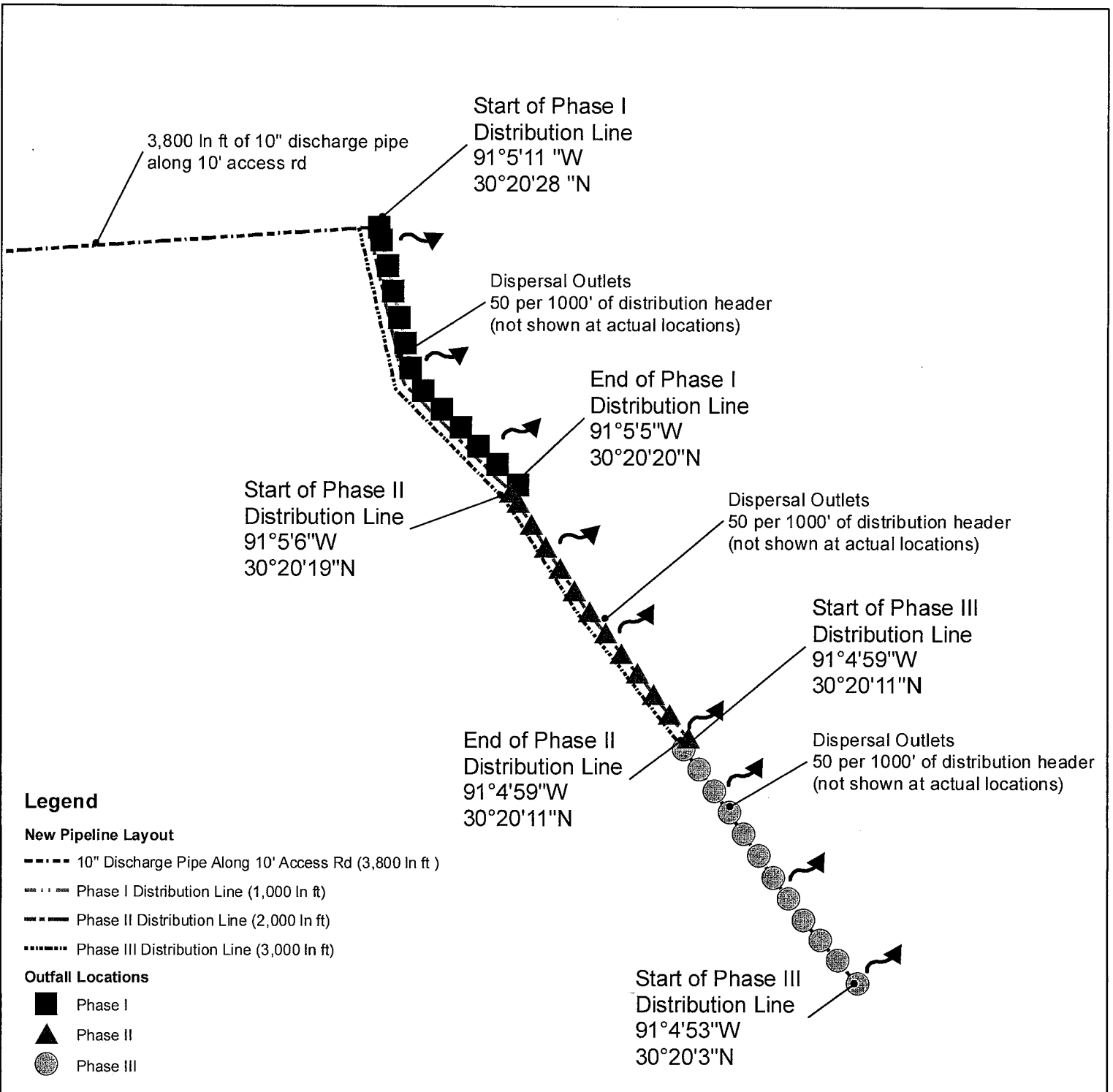
Created : AGB/ArcView

Approved : SPN

Date : 6/8/2015

Map No. :

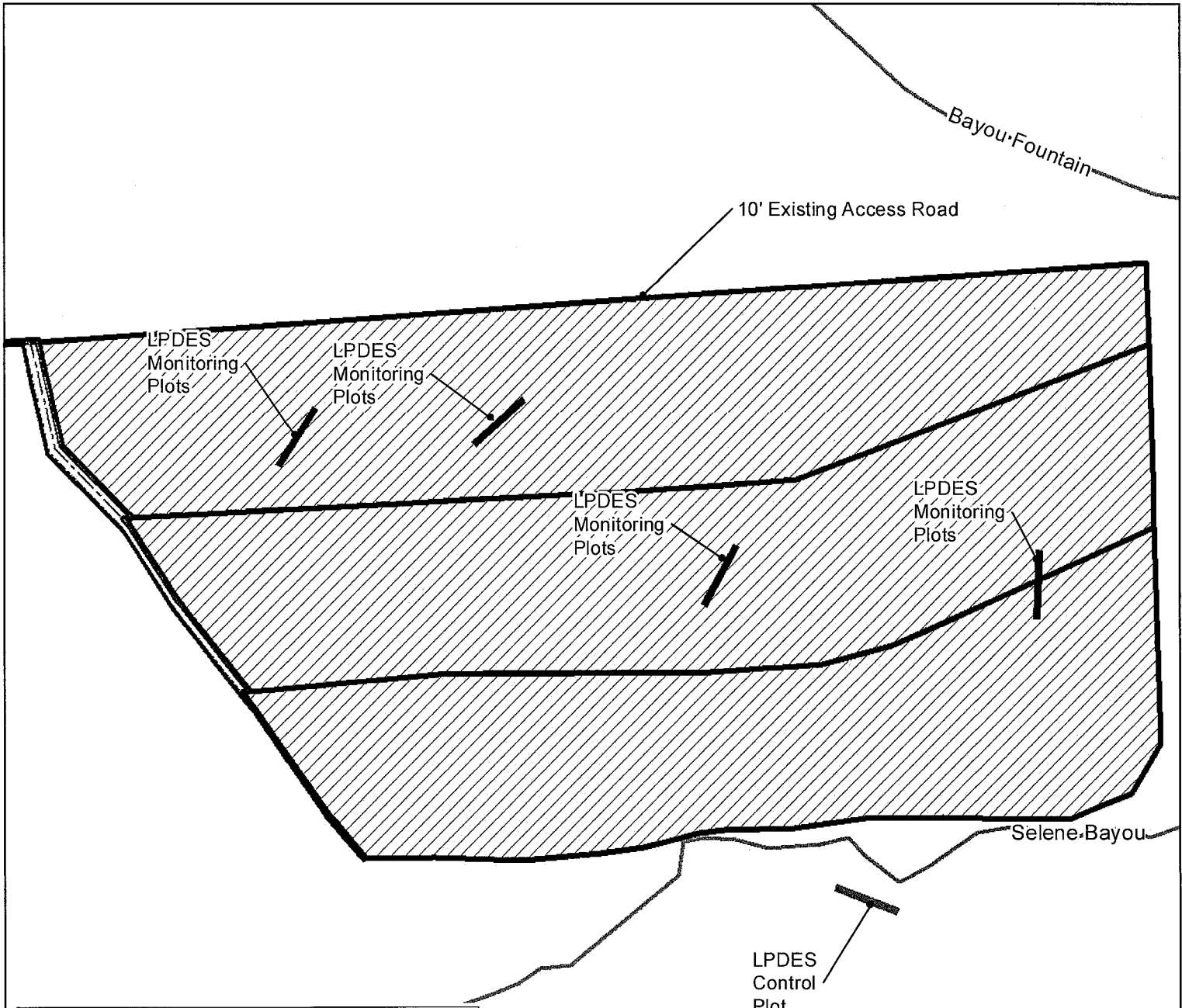
FIGURE 10






Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC
Baton Rouge, LA
DISCHARGE OUTLET LOCATIONS
EAST BATON ROUGE PARISH, LOUISIANA
Created : AGB/ArcView
Approved : SPN
Date : 6/8/2015
Map No. :
FIGURE 11



Legend

-  Estimated Forested Assimilation Capacity (287 Acres)
-  Sampling Plots
-  Control Plot

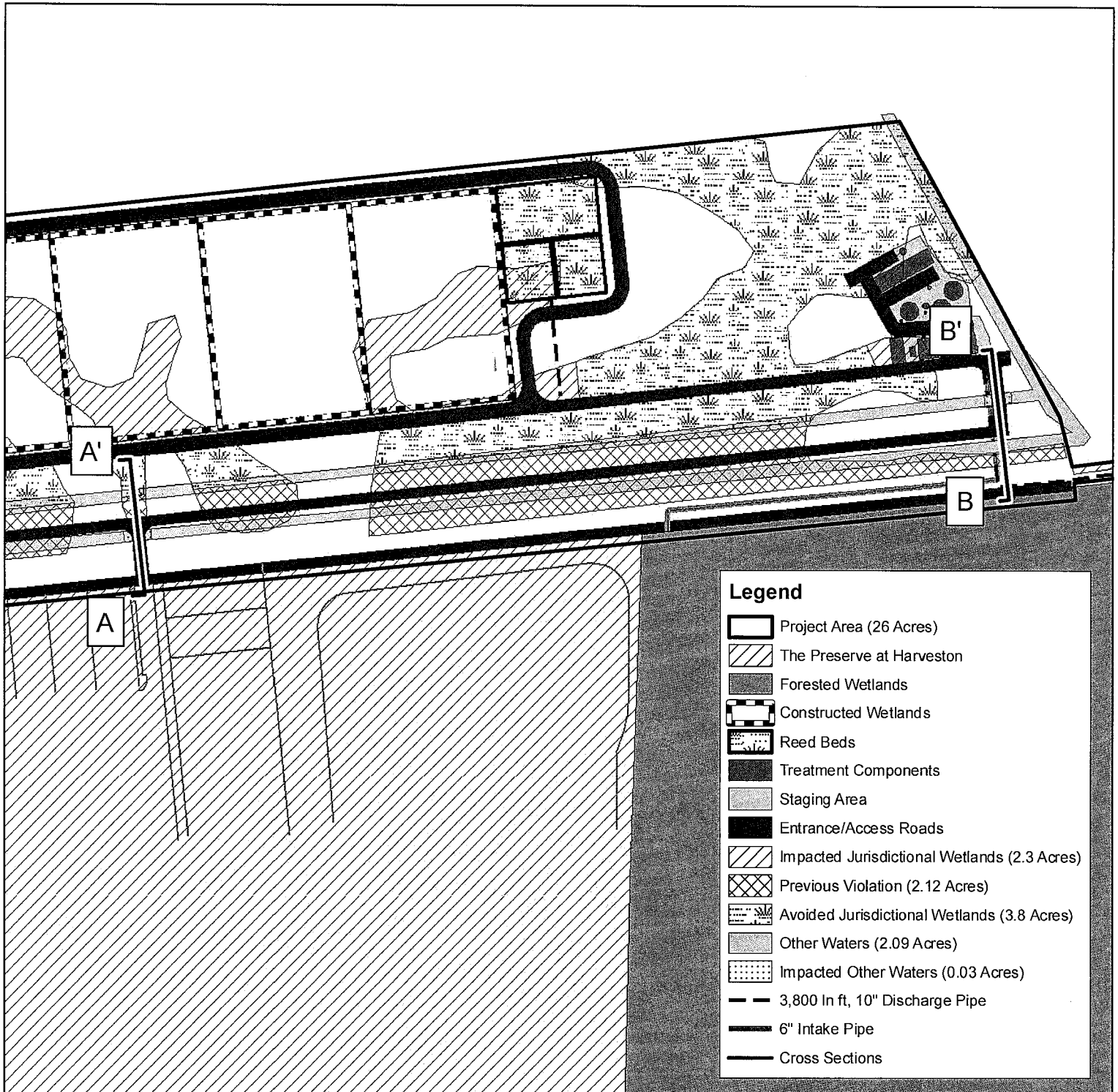


Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.



Harveston Wastewater District LLC	
Baton Rouge, LA	
LPDES MONITORING PLOTS	
EAST BATON ROUGE PARISH, LOUISIANA	
Created :	AGB/ArcView
Approved :	SPN
Date :	6/8/2015
Map No. :	
FIGURE 12	



Legend

- Project Area (26 Acres)
- The Preserve at Harveston
- Forested Wetlands
- Constructed Wetlands
- Reed Beds
- Treatment Components
- Staging Area
- Entrance/Access Roads
- Impacted Jurisdictional Wetlands (2.3 Acres)
- Previous Violation (2.12 Acres)
- Avoided Jurisdictional Wetlands (3.8 Acres)
- Other Waters (2.09 Acres)
- Impacted Other Waters (0.03 Acres)
- 3,800 In ft, 10" Discharge Pipe
- 6" Intake Pipe
- Cross Sections



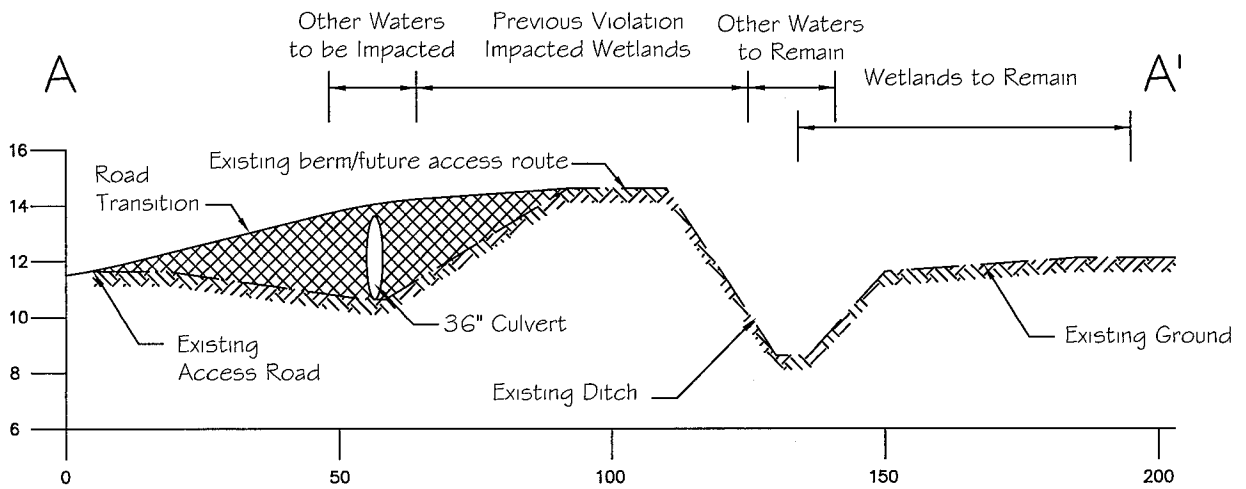
Harveston Wastewater District LLC
Baton Rouge, LA
CROSS SECTION MAP 1
EAST BATON ROUGE PARISH, LOUISIANA

Created :	AGB/ArcView
Approved :	SPN
Date :	6/8/2015
Map No. :	

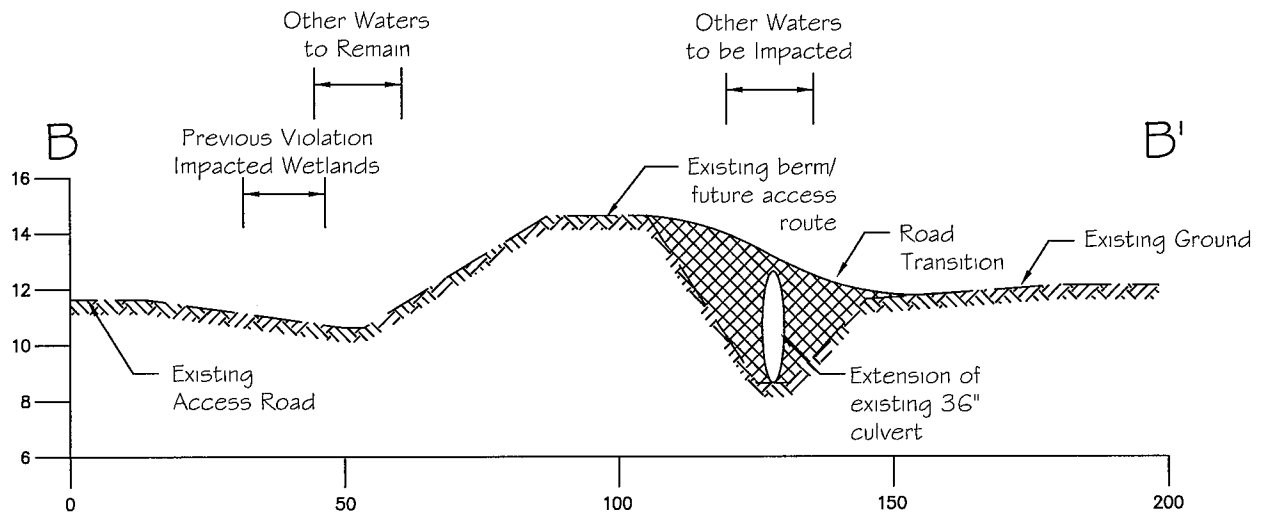
FIGURE 13

Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.



Culvert Cross Section
A-A'
Not to Scale
10:1 Vertical Exaggeration



Culvert Cross Section
B-B'
Not to Scale
10:1 Vertical Exaggeration



Harveston Wastewater District LLC

Baton Rouge, LA
CROSS SECTIONS
A-A' & B-B'

EAST BATON ROUGE PARISH, LA

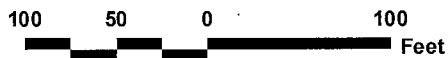
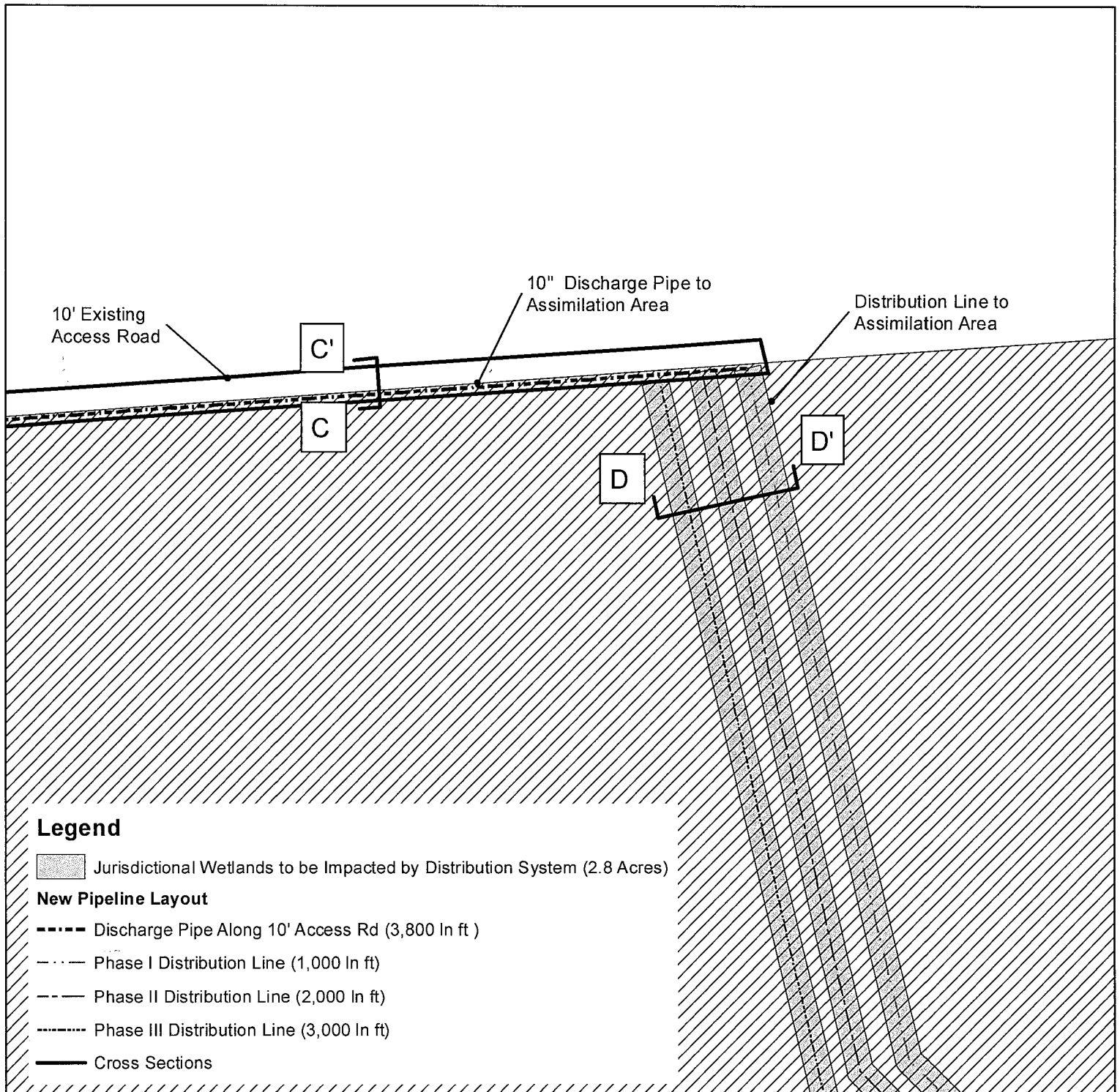
Created: AGB

Approved: SPN

Date: 6/8/2015

Map No.:

FIGURE 14



Map Notes:

1. The boundary shown is based on the boundary survey provided by the client.
2. Topographic Map obtained online from ArcGIS Server.
3. Map projected to NAD83 UTM Zone 15.

Harveston Wastewater District LLC

Baton Rouge, LA

CROSS SECTION MAP 2

EAST BATON ROUGE PARISH, LOUISIANA

Created : AGB/ArcView

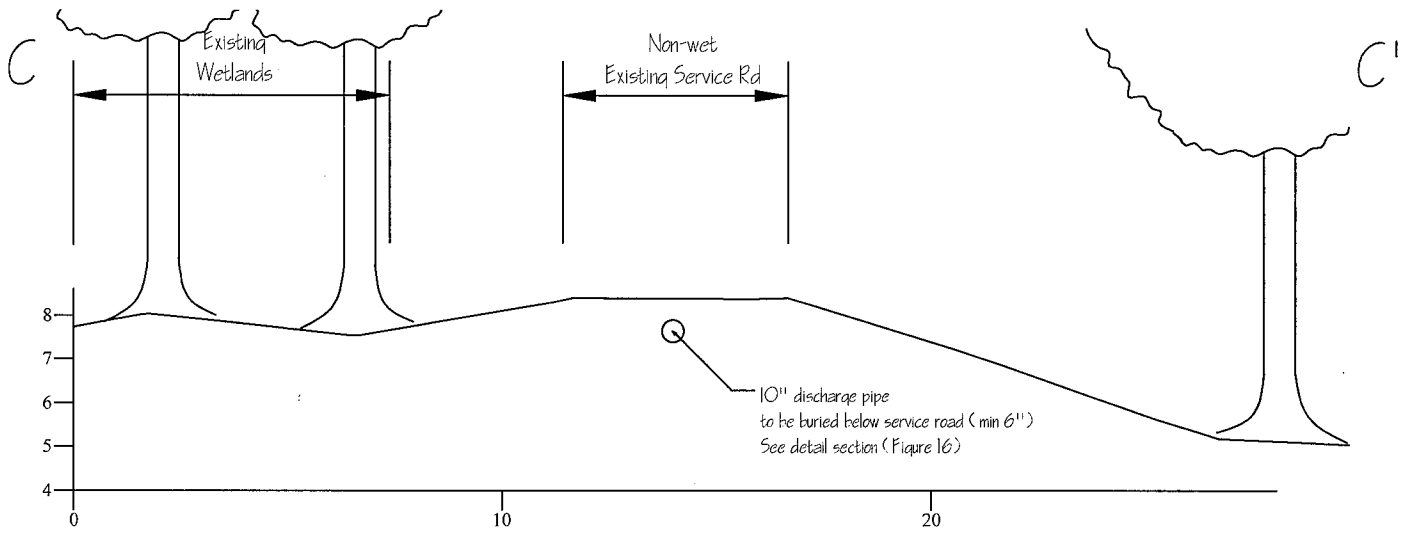
Approved : SPN

Date : 6/8/2015

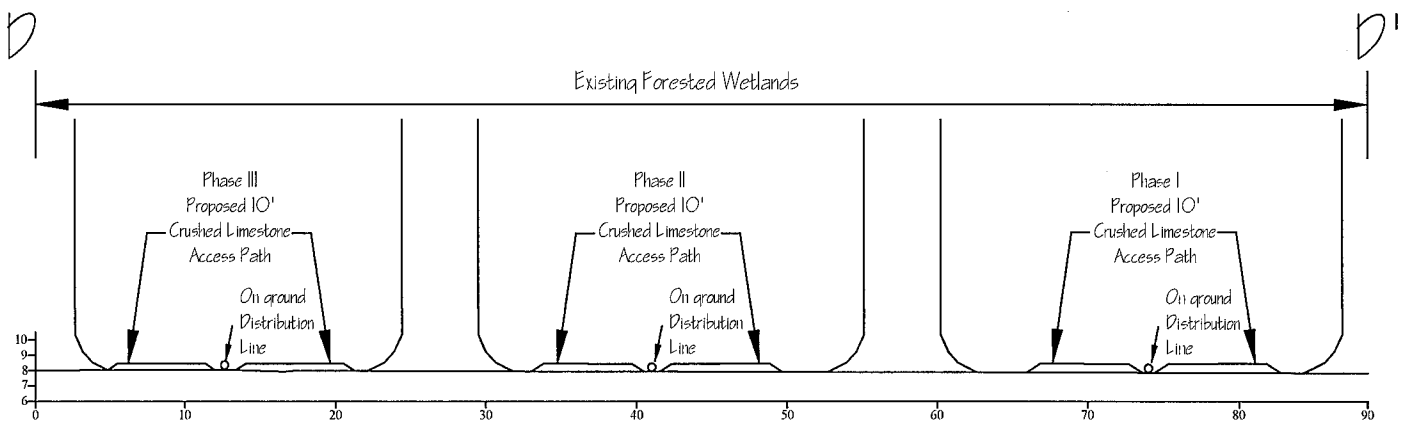
Map No. :

FIGURE 15





Typical Cross Section of buried discharge pipe below service road
NTS



Typical Cross Section of elevated distribution line within forested wetlands
NTS



Harveston Wastewater District LLC

Baton Rouge, LA
CROSS SECTION

C-C' & D-D'
E BATON ROUGE PARISH, LA

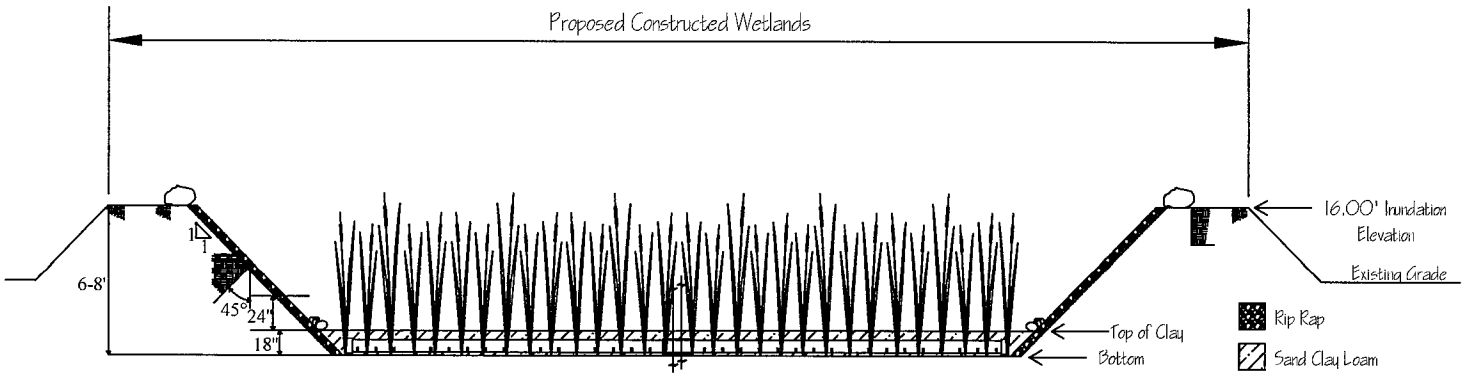
Created: AGB/AutoCAD

Approved: SPN

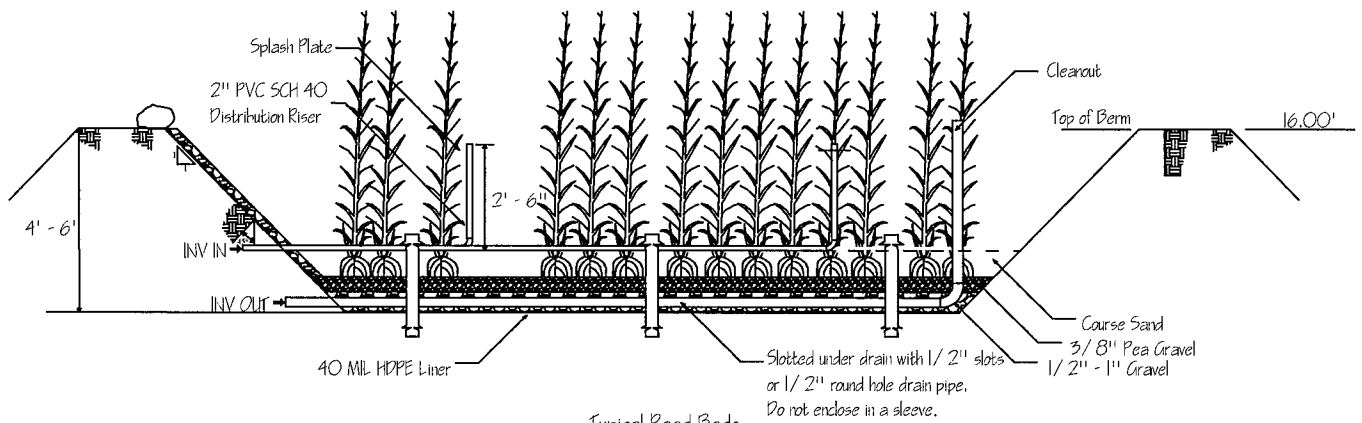
Date: 6/8/2015

Map No.:

FIGURE 17



Typical Constructed Wetlands
Scale: NTS



Typical Reed Beds
Scale: NTS



Harveston Wastewater District LLC

Baton Rouge, LA
REED BED CROSS SECTION

E BATON ROUGE PARISH, LA

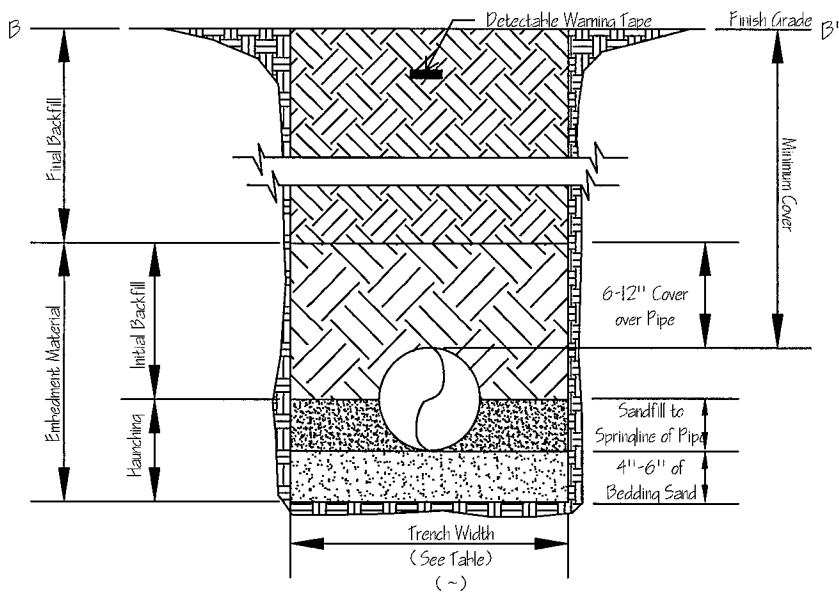
Created: AGB/AutoCAD

Approved: SPN

Date: 6/8/2015

Map No.:

FIGURE 18



RECOMMENDED MINIMUM TRENCH WIDTH	
PIPE SIZE	MINIMUM TRENCH WIDTH
4" OR LESS	21"
6"	23"
8"	26"
10"	28"
12"	30"
15"	34"
18"	39"
24"	48"
30"	56"
36"	64"

Detail Buried Pipe Section
Scale: N15

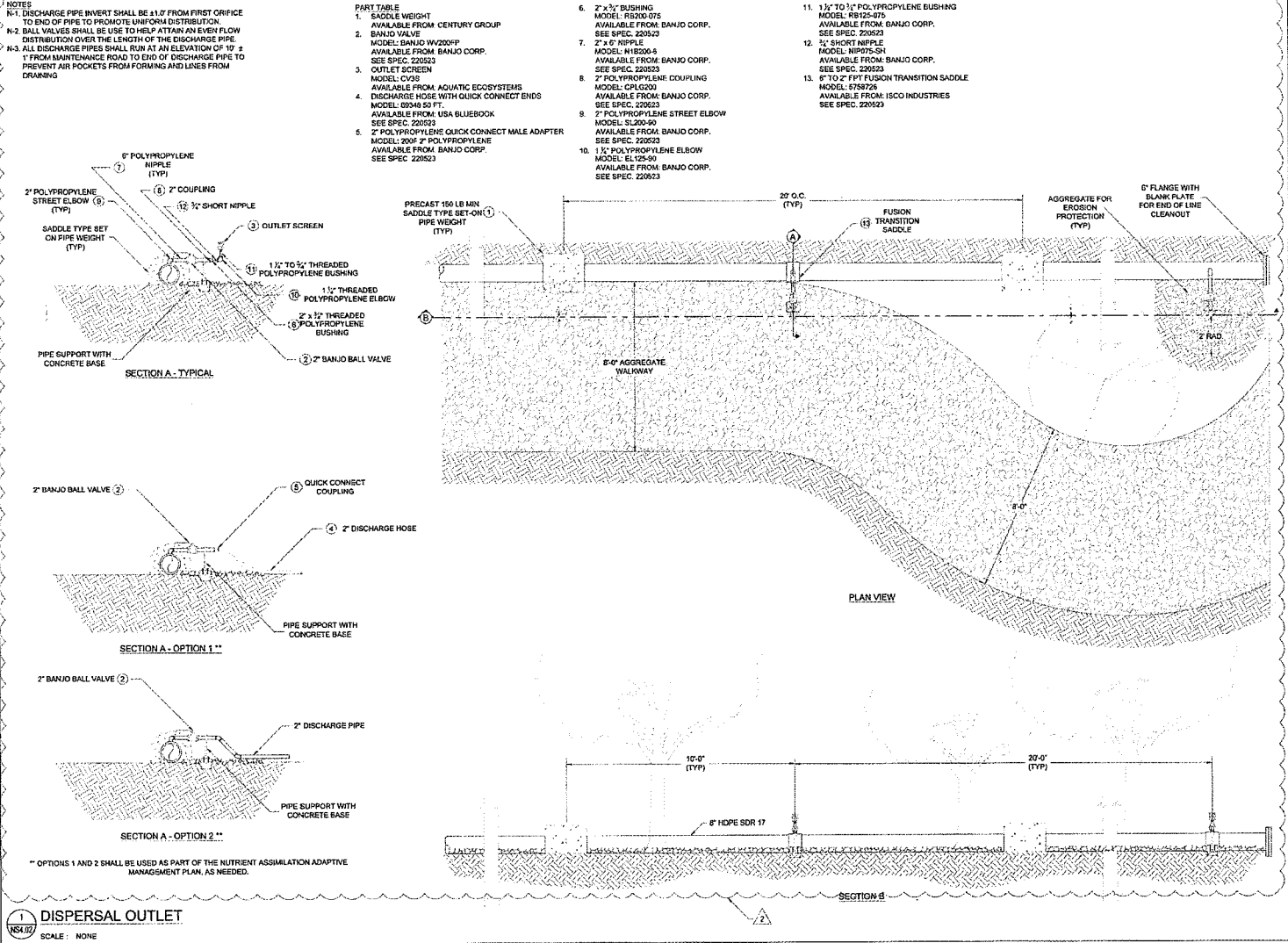
SECTION B-B' SPECIFICATIONS:

- N-1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS", LATEST ADDITION.
- N-2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
- N-3. WARNING TAPE: DETECTABLE TAPE TO BE PLACED A MINIMUM OF 6" TO A MAXIMUM OF 12" BELOW THE FINISHED GRADE. A CONTINUOUS LENGTH OF 3-INCH WIDE DETECTABLE TAPE SHALL BE PLACED IN A DIRECT LINE OVER ALL PIPE AS SHOWN. TAPE COLOR SHALL BE AS FOLLOWS:
 BLUE (WATER) - USA BLUEBOOK MD - 25815
 GREEN (SEWER) - USA BLUEBOOK MD - 25825
 YELLOW (ELECTRICAL)
 PURPLE (RECLAIMED WATER)
- N-4. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
- N-5. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100 MM) FOR 4" - 24" (100 MM - 600 MM); 6" (150 MM) FOR 30" - 60" (750 MM - 900 MM).
- N-6. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II, OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D 2321, LATEST ADDITION.



Harveston Wastewater District LLC
 Baton Rouge, LA
PIPE CROSS SECTION
 E BATON ROUGE PARISH, LA
 Created: AGB/AutoCAD
 Approved: SPN
 Date: 6/8/2015
 Map No.:

FIGURE 19



Harveston Wastewater District LLC

Baton Rouge, LA
CROSS SECTION

E BATON ROUGE PARISH, LA

Created: AGB/AutoCAD
Approved: SPN
Date: 6/8/2015
Map No.:

FIGURE 20

