

JOINT PUBLIC NOTICE

August 17, 2020

United States Army
Corps of Engineers
New Orleans District
Attn: Regulatory Branch
7400 Leake Ave.
New Orleans, Louisiana 70118-3651

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

Project Manager:
Johnny Duplantis
(504) 862-2548
Johnny.j.duplantis@usace.army.mil
Application #: MVN-2011-02351-WPP

Project Manager:
Elizabeth Hill
(225) 219-3225
WQC Application Number:
WQC 121012-01

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 Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

The application has also been mailed to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statute 30:2074 A(3), and provisions of Section 401 of the Clean Water Act (P.L. 95-17).

FLOOD PROTECTION SYSTEM IN TERREBONNE PARISH

NAME OF APPLICANT: Terrebonne Parish Consolidated Government, C/O: T. Baker Smith, LLC, P.O. Box 2266, Houma, LA 70361.

LOCATION OF WORK: Point of Beginning: Latitude 29° 31' 05.01"N / Longitude -90° 40' 05.68"W; Point of Ending: Latitude 29° 29' 46.62"N / Longitude -90°40' 40.55"W; Section 79, T18S, R18E, in Terrebonne Parish, Louisiana.

CHARACTER OF WORK: This proposal was originally placed on Public Notice (PN) on May 18, 2018, which has since expired, and the application was subsequently withdrawn. The applicant has re-submitted a new application for the proposed project, which includes a proposed flood protection levee system, water control structure, and pump station from the Ashland Landfill Road to Cedar Grove, in Terrebonne Parish, LA. The project will include the placement of approx. 119,764 cy of material for project construction and 74,221 cubic yards of excavated material to be hauled off to a non-wetland area. This excavation is needed to muck out the top 12" of the proposed levee base and proposed borrow canal due to this material not containing soil properties conducive to the required levee construction. The levee alignment has been shifted westward which has reduced wetland impacts and will have permanent impacts to 12.35 acres of wetlands, 4.06 acres of temporary wetland impacts, 5.27 acres of impacts to unvegetated waterbottoms, and 41.81 acres of encompassed wetlands within the proposed levee system. The applicant proposes to acquire in-kind credits from an approved mitigation bank to offset any unavoidable losses to wetland functions caused by project implementation, should a DA permit be issued.

The comment period on 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 submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be emailed to the USACE project manager or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. 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 state Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the LDEQ at the address above.

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

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Copies of this public notice are being sent to 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. Based on the Information and Planning Consultation for Endangered Species in Louisiana (IPaC), as signed January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project is located in waters known to be utilized by the Western Manatee and determined that the activity is not likely to adversely affect this species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of **9.33** 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 LDEQ, before a Department of the Army permit is issued.

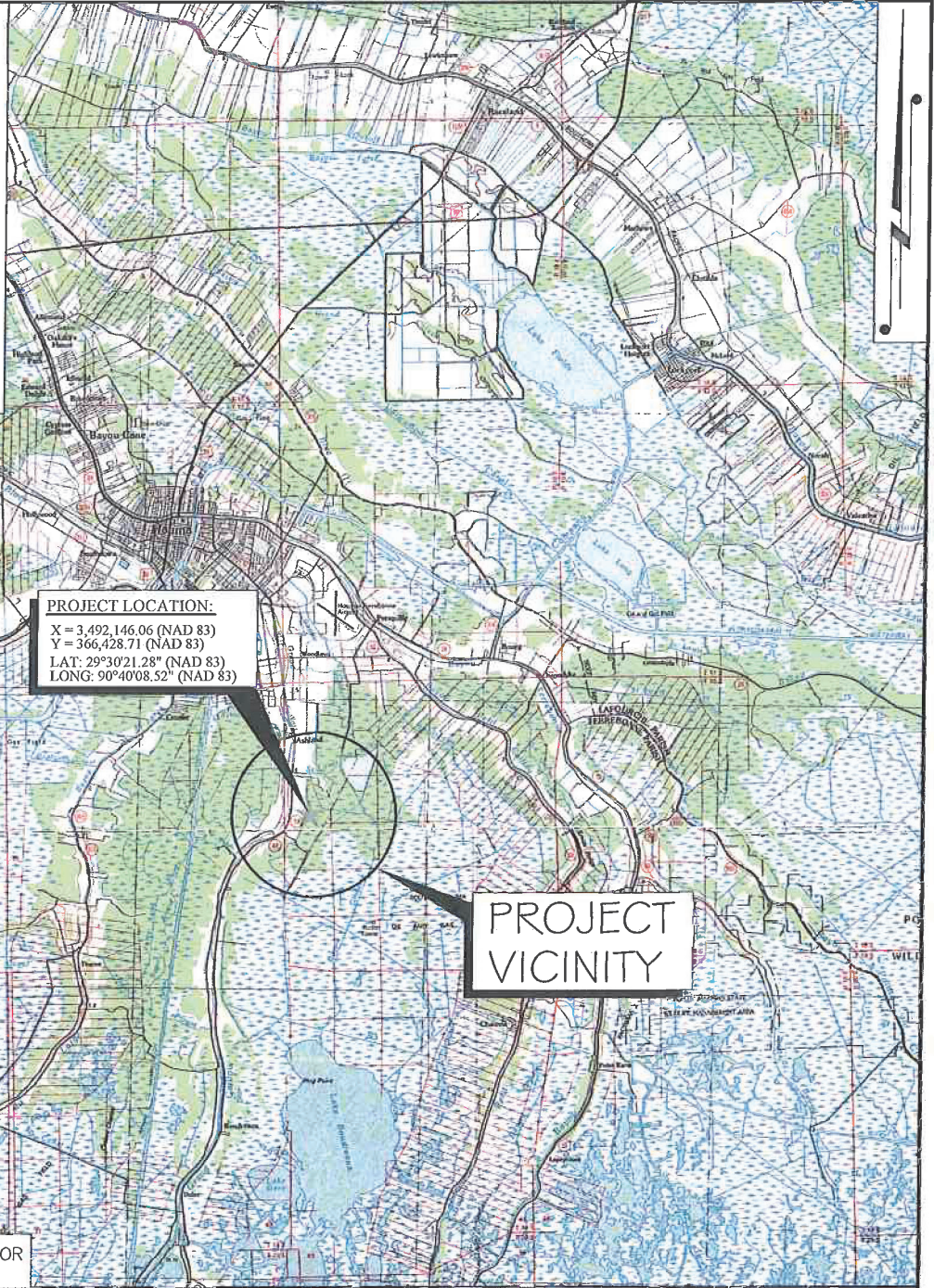
The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program. The Department of the Army permit will not be issued unless the applicant received approval or a waiver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

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

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

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

Enclosure



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

01	04/04/2013
NO.	DATE

TITLE

REVISION

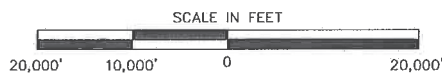
VICINITY MAP

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE LOCATED IN SECTION 79, T18S-R18E TERREBONNE PARISH, LOUISIANA



T. BAKER SMITH
PROFESSIONAL CONSULTANTS SINCE 1913
(985) 868-1050 www.tbsmith.com



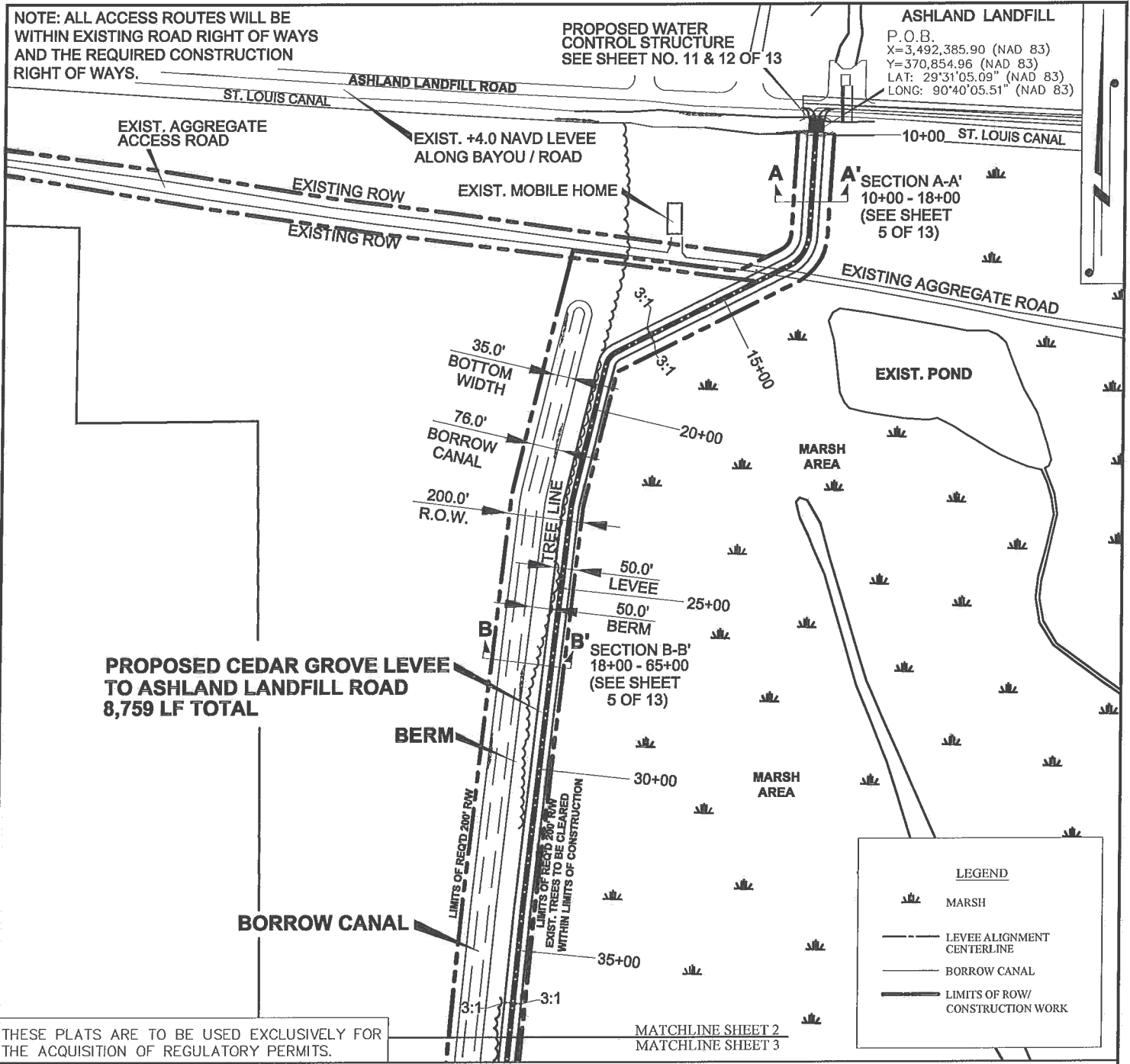
SHEET	1	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 20,000'		
DATE:	10/04/2011		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\

NOTE: ALL ACCESS ROUTES WILL BE WITHIN EXISTING ROAD RIGHT OF WAYS AND THE REQUIRED CONSTRUCTION RIGHT OF WAYS.

PROPOSED WATER CONTROL STRUCTURE SEE SHEET NO. 11 & 12 OF 13

ASHLAND LANDFILL
 P.O.B.
 X=3,492,385.90 (NAD 83)
 Y=370,854.96 (NAD 83)
 LAT: 29°31'05.09" (NAD 83)
 LONG: 90°40'05.51" (NAD 83)



PROPOSED CEDAR GROVE LEVEE TO ASHLAND LANDFILL ROAD
 8,759 LF TOTAL

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

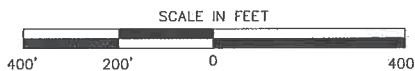
MATCHLINE SHEET 2
 MATCHLINE SHEET 3

04	12/02/2013	LEVEE ALIGNMENT AT P.O.B.
NO.	DATE	REVISION

PLAN VIEW LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
 LOCATED IN SECTION 79, T18S-R18E
 TERREBONNE PARISH
 HOUMA, LOUISIANA



SHEET	2	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	1" = 400'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\

NOTE: ALL ACCESS ROUTES WILL BE WITHIN EXISTING ROAD RIGHT OF WAYS AND THE REQUIRED CONSTRUCTION RIGHT OF WAYS.

MATCHLINE SHEET 2
MATCHLINE SHEET 3

BORROW CANAL

PROPOSED CEDAR GROVE LEVEE TO ASHLAND LANDFILL ROAD
8,759 LF TOTAL

BERM

40+00

EXIST. DITCH

B₁

45+00

SECTION B-B'
18+00 - 65+00
(SEE SHEET 5 OF 13)

35.0'
BOTTOM WIDTH

76.0'
BORROW CANAL

200.0'
R.O.W.

50.0'
LEVEE

50.0'
BERM

EXIST. POND

50+00

EXIST. POND

55+00

EXIST. POND





60+00

65+00

MARSH AREA

MARSH AREA

LEGEND

-  MARSH
-  LEVEE ALIGNMENT CENTERLINE
-  BORROW CANAL
-  LIMITS OF ROW/ CONSTRUCTION WORK

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

LEVEE ALIGNMENT

REVISION

03	08/07/2013
NO.	DATE

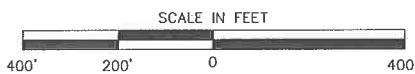
PLAN VIEW LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE LOCATED IN SECTION 79, T18S-R18E TERREBONNE PARISH HOUMA, LOUISIANA



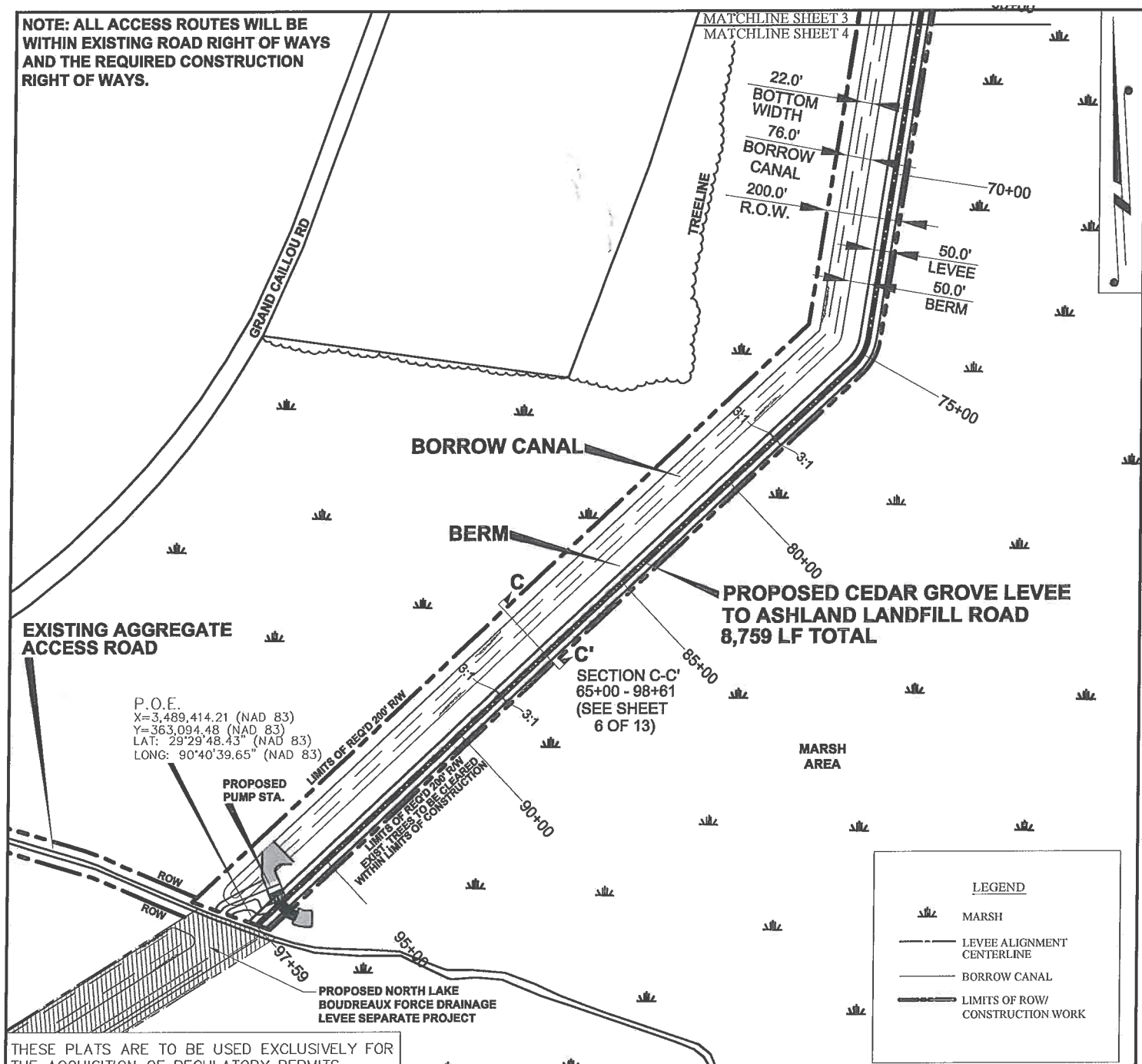
T. BAKER SMITH 1913
A CENTURY OF SOLUTIONS 2013
412 South Van Ave, Houma, LA 70363
(985)868-1050 - tbsmith.com



SHEET	3	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	1" = 400'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\

NOTE: ALL ACCESS ROUTES WILL BE WITHIN EXISTING ROAD RIGHT OF WAYS AND THE REQUIRED CONSTRUCTION RIGHT OF WAYS.



P.O.E.
 X=3,489,414.21 (NAD 83)
 Y=363,094.48 (NAD 83)
 LAT: 29°29'48.43" (NAD 83)
 LONG: 90°40'39.65" (NAD 83)

LEGEND

- MARSH
- LEVEE ALIGNMENT CENTERLINE
- BORROW CANAL
- LIMITS OF ROW/ CONSTRUCTION WORK

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

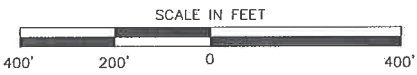
03	08/07/2013	LEVEE ALIGNMENT
NO.	DATE	REVISION

PLAN VIEW LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

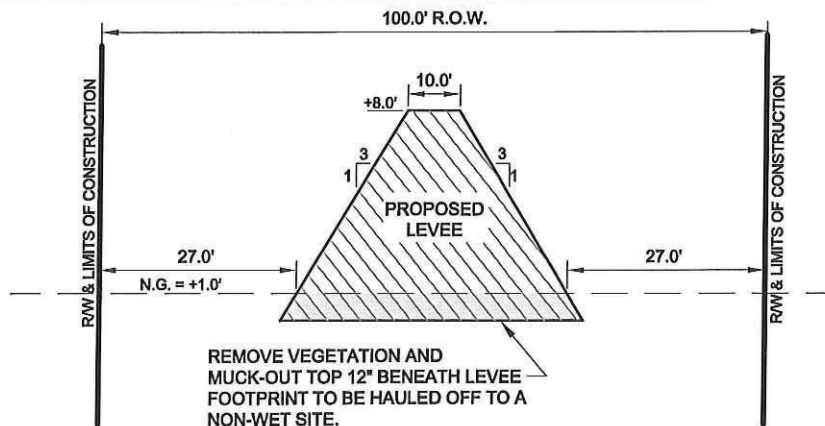
PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
 LOCATED IN SECTION 79, T18S-R18E
 TERREBONNE PARISH
 HOUMA, LOUISIANA

T. BAKER SMITH 1913
 A CENTURY OF SOLUTIONS 2013
 412 South Van Ave., Houma, LA 70363
 (985)868-1050 - tbsmith.com



SHEET	4	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	1" = 400'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

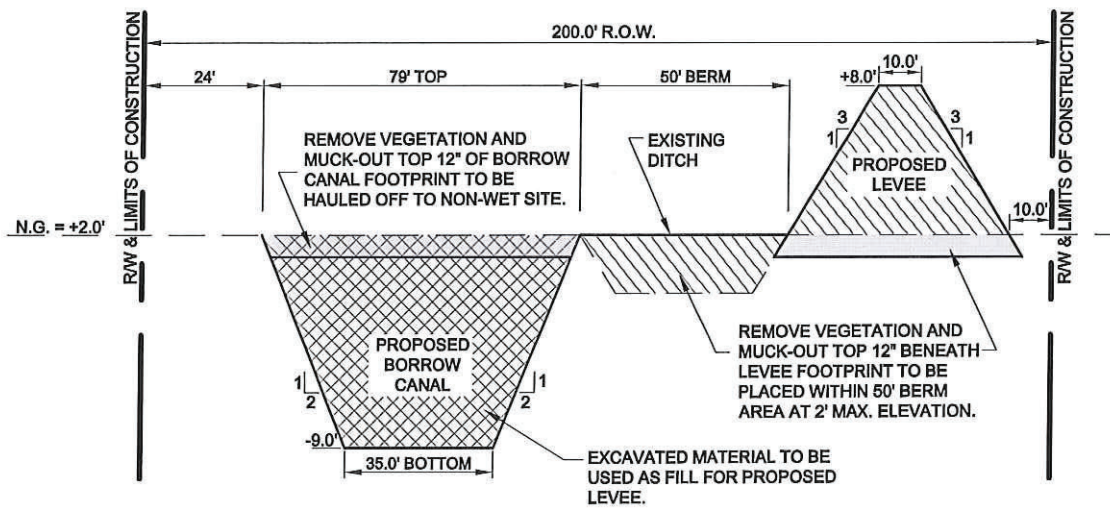
FILE: P:\ENV\



REMOVE VEGETATION AND MUCK-OUT TOP 12" BENEATH LEVEE FOOTPRINT TO BE HAULED OFF TO A NON-WET SITE.

NOTE:
ALL BORROW MATERIAL FOR LEVEE TO BE IMPORTED
HAULED IN MATERIAL FROM A NON-WET SITE.

SECTION A-A TYPICAL SECTION STA. 10+00 TO 18+00
N.T.S.



REMOVE VEGETATION AND MUCK-OUT TOP 12" OF BORROW CANAL FOOTPRINT TO BE HAULED OFF TO NON-WET SITE.

EXISTING DITCH

REMOVE VEGETATION AND MUCK-OUT TOP 12" BENEATH LEVEE FOOTPRINT TO BE PLACED WITHIN 50' BERM AREA AT 2' MAX. ELEVATION.

EXCAVATED MATERIAL TO BE USED AS FILL FOR PROPOSED LEVEE.

SECTION B-B TYPICAL SECTION STA. 18+00 TO 65+00
N.T.S.

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

NO.	DATE	NOTES
02	01/23/2014	REVISION

TYPICAL SECTION LEVEE

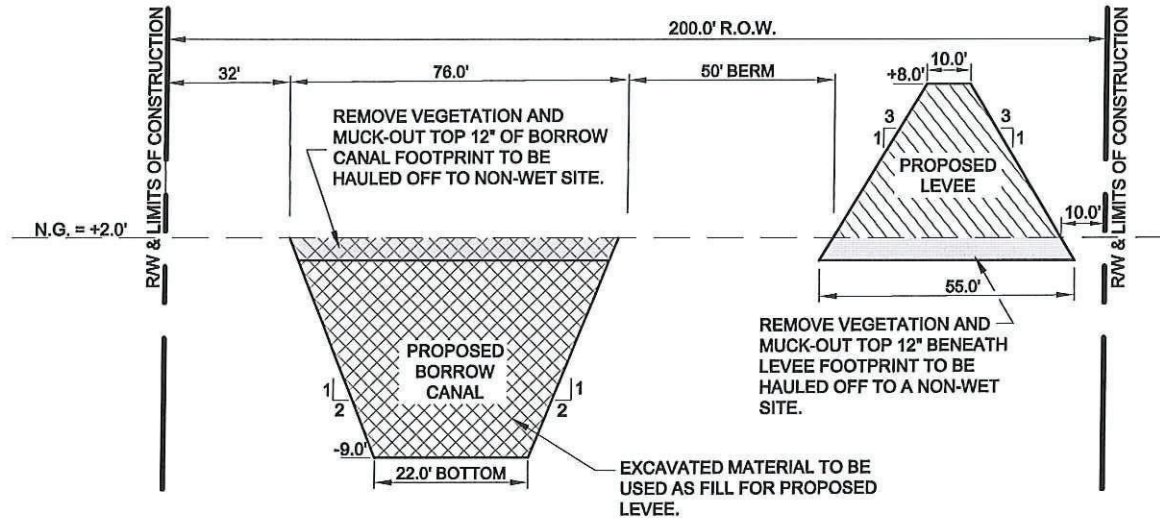
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE
AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTION 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA

NOT TO SCALE

SHEET	5	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	NTS		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\



SECTION C-C TYPICAL SECTION STA. 65+00 TO 97+59
N.T.S.

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

NO.	DATE	NOTES
02	01/23/2014	REVISION

TYPICAL SECTION LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

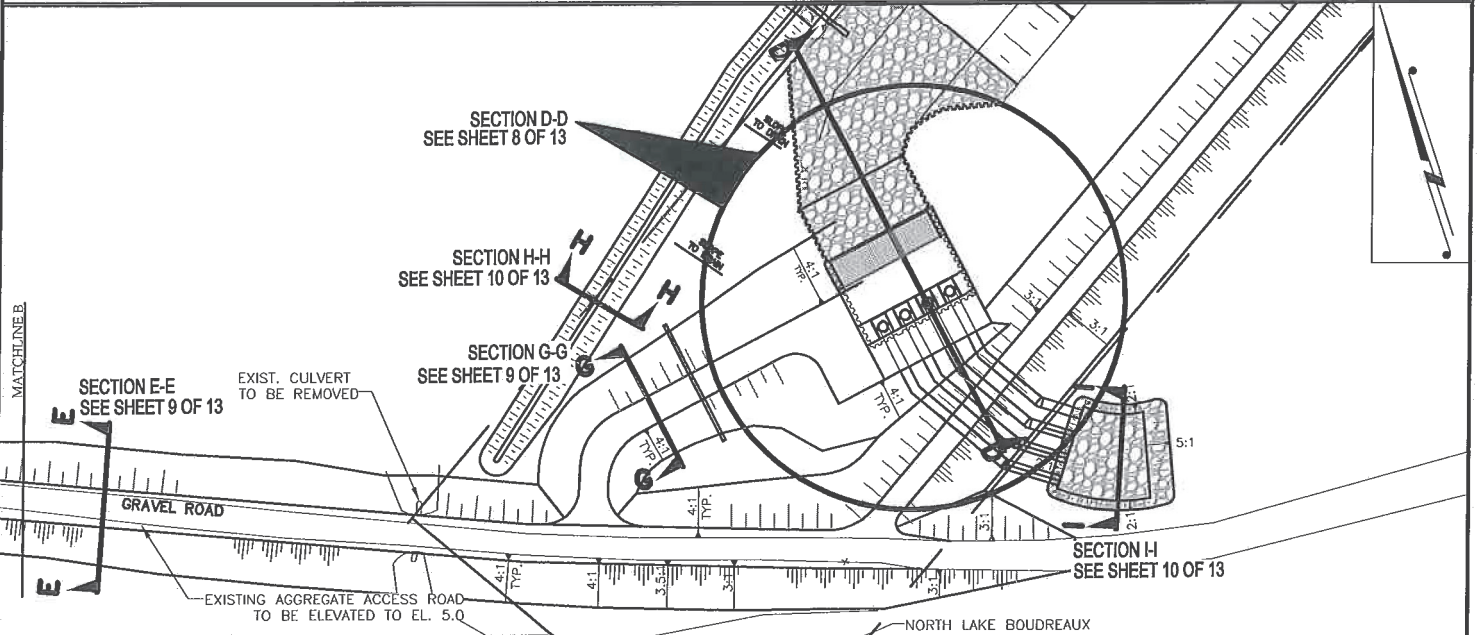
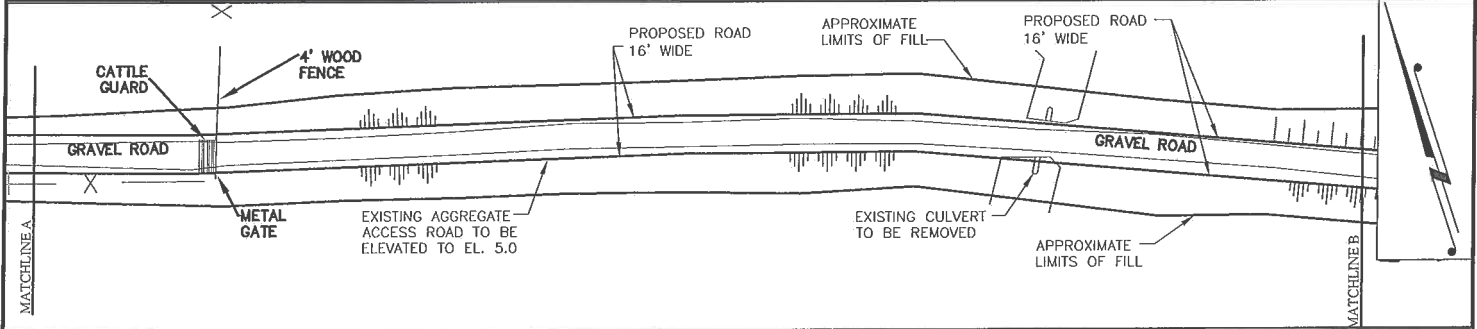
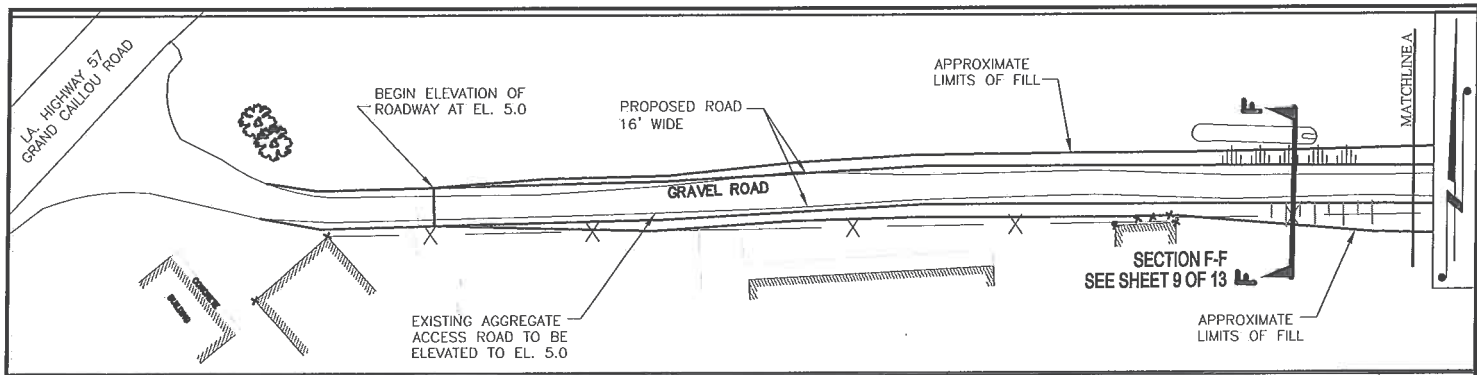
PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTION 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA



NOT TO SCALE

SHEET	6	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	NTS		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\



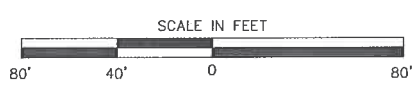
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

PLAN VIEW PUMP STATION ROAD

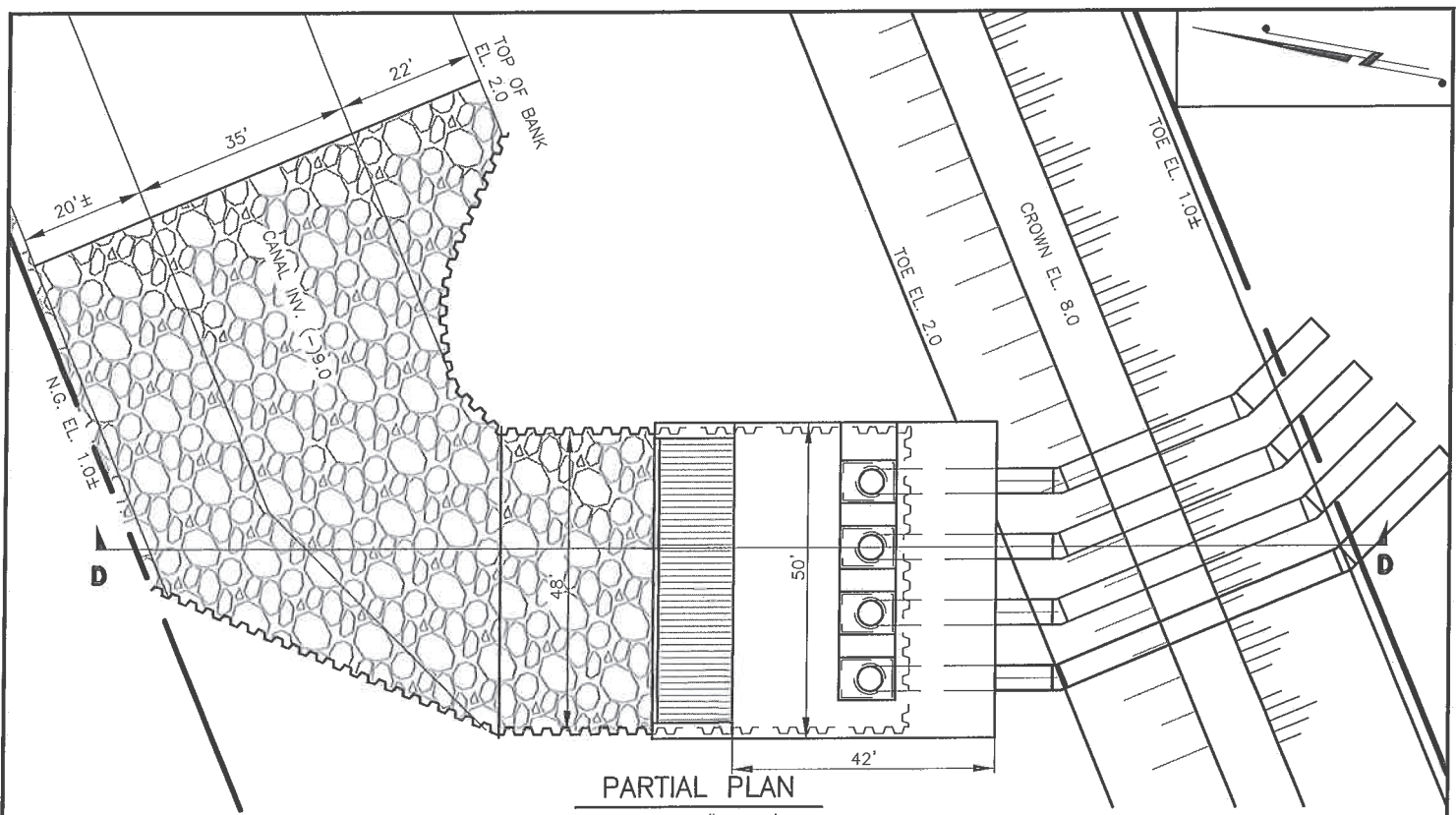
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE
AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTIONS 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA



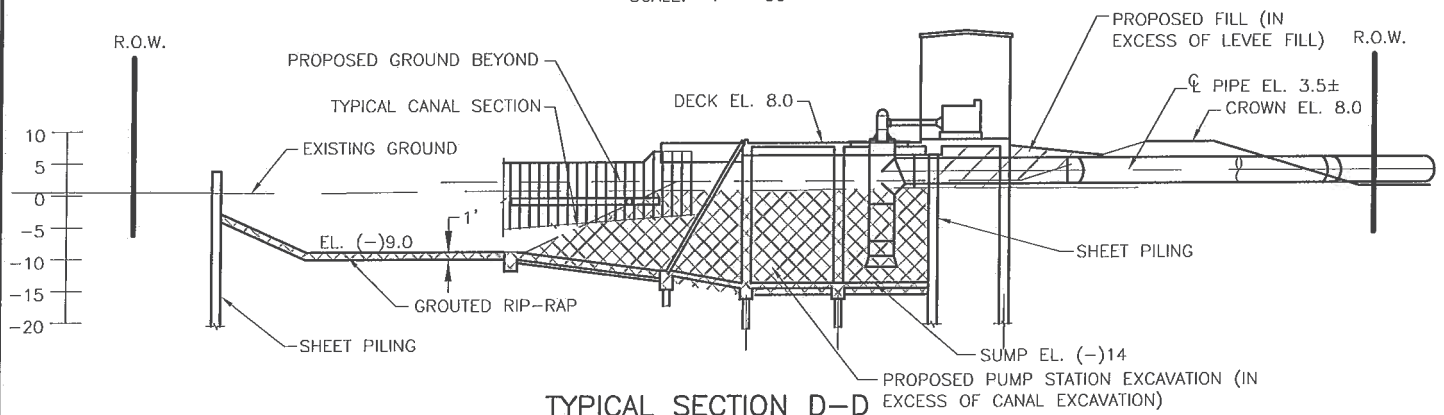
SHEET	7	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 80'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE:



PARTIAL PLAN

SCALE: 1" = 30'



**TYPICAL SECTION D-D
PUMP STATION**

SCALE: 1" = 30'

EXCAVATION VOLUME = 925 SF x 37.5 FT = 34,690 CF = 1,290 CY
 EARTHEN FILL VOLUME = 120 SF x 40 FT = 4,800 CF = 180 CY
 ESTIMATED RIP-RAP FILL VOLUME = 210 CY

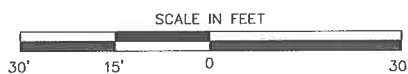
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

TYPICAL SECTION PUMP STATION

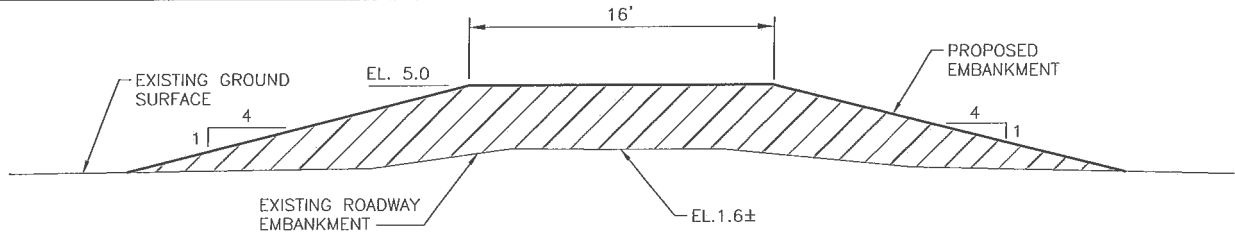
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
 LOCATED IN SECTIONS 79, T18S-R18E
 TERREBONNE PARISH
 HOUMA, LOUISIANA



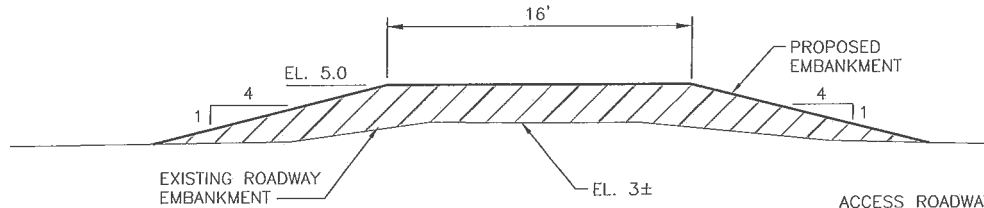
SHEET	8	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 30'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE:



TYPICAL SECTION E-E
PUMP STATION ROAD

SCALE: 1" = 10'



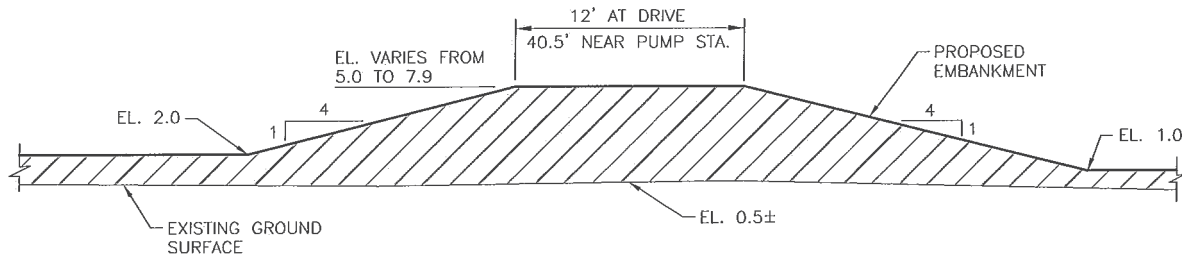
TYPICAL SECTION F-F
PUMP STATION ROAD

SCALE: 1" = 10'

ACCESS ROADWAY CALCULATIONS:

FOR B-B, A=126.4 SF
FOR C-C, A=63.8 SF
AV. AREA = 95 SF

FILL VOLUME = 95 SF x 1,480 FT
=140,600 CF = 5,210 CY



TYPICAL SECTION G-G
PUMP STATION ROAD

SCALE: 1" = 10'

SITE FILL CALCULATIONS:

NORTH OF DRIVEWAY
ESTIMATED FILL VOLUME = 85 CY
SOUTH OF DRIVEWAY
ESTIMATED FILL VOLUME = 70 CY

DRIVEWAY CALCULATIONS:

AT DRIVE, MIN. A = 153 SF
AND MAX. A = 308 SF
AVERAGE AREA = 230.5 SF
FILL VOLUME = 230.5 SF x 130 FT = 29,965 CF = 1,110 CY
NEAR PUMP STATION, A = 499 SF
FILL VOLUME = 499 SF x 32 FT = 15,967 CF = 590 CY
TOTAL FILL VOLUME = 1,700 CY

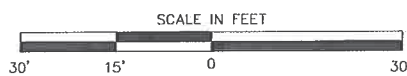
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR
THE ACQUISITION OF REGULATORY PERMITS.

02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

TYPICAL SECTION PUMP STATION ROAD

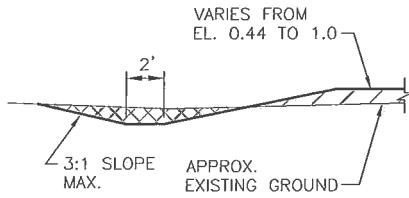
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE
AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTIONS 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA



SHEET	9	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 30'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE:



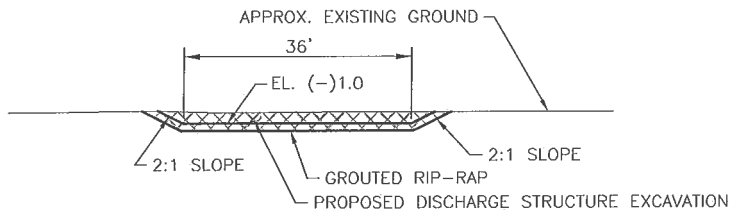
**TYPICAL SECTION H-H
DRAINAGE DITCH**

SCALE: 1" = 10'

EXCAVATION VOLUME = 5.6 SF x 235 FT = 1,316 CF = 49 CY

FILL VOLUME: SEE SITE FILL CALCULATIONS

ESTIMATED RIP-RAP FILL VOLUME = 18 CY



**TYPICAL SECTION I-I
DISCHARGE STRUCTURE**

SCALE: 1" = 30'

EXCAVATION VOLUME = 139 SF x 36 FT = 5,010 CF = 190 CY

ESTIMATED RIP-RAP FILL VOLUME = 84 CY

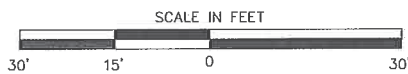
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

TYPICAL SECTION DRAINAGE DITCH AND DISCHARGE STRUCTURE

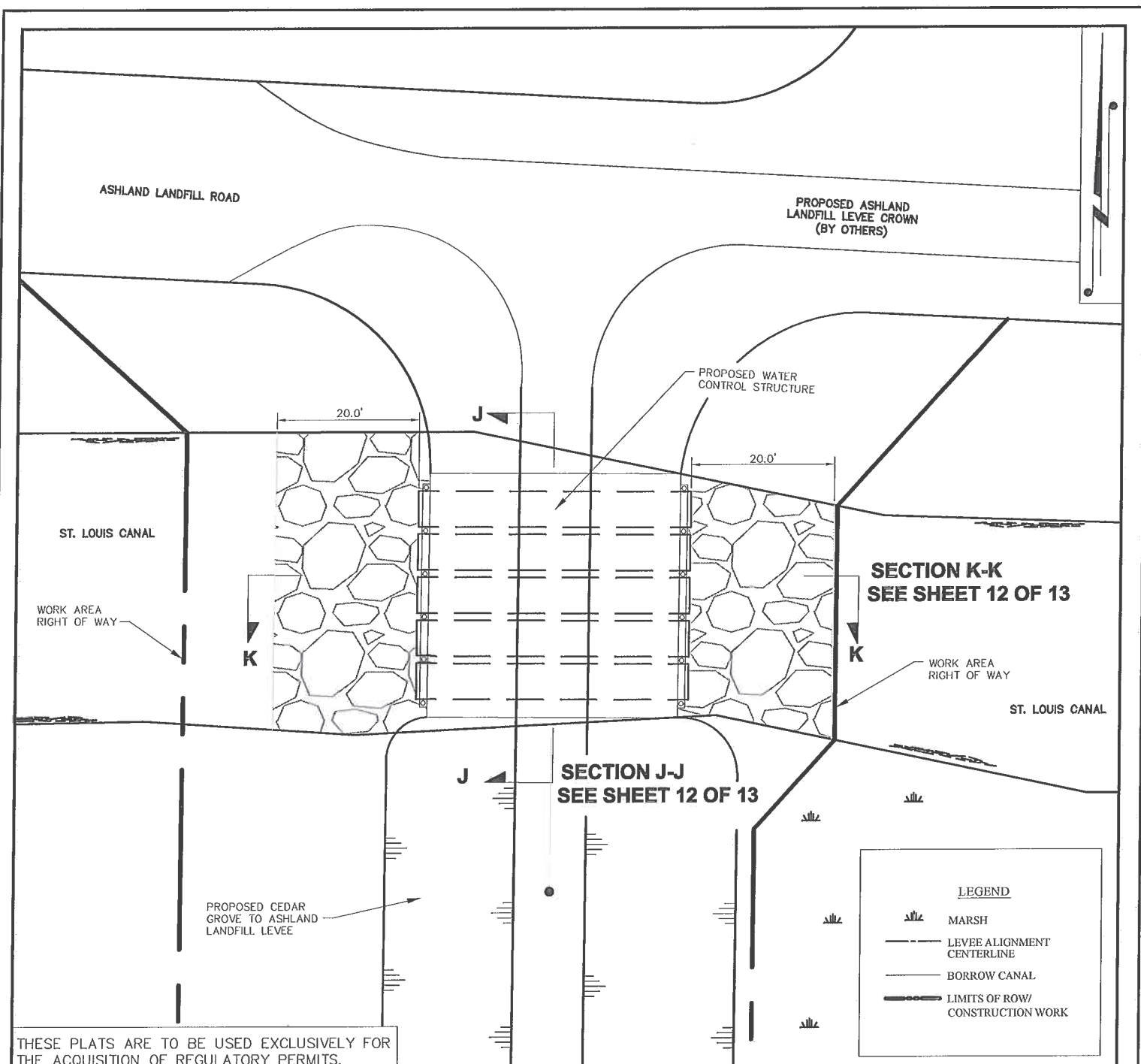
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE
AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTIONS 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA



SHEET	10	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 30'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE:



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

WATER CONTROL STRUCTURE PLAN VIEW

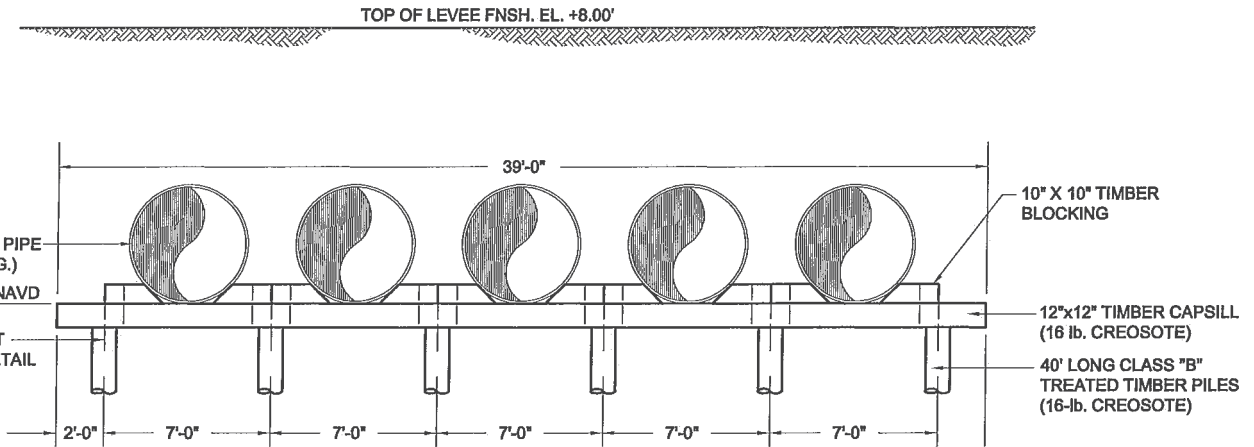
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE
AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTION 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA

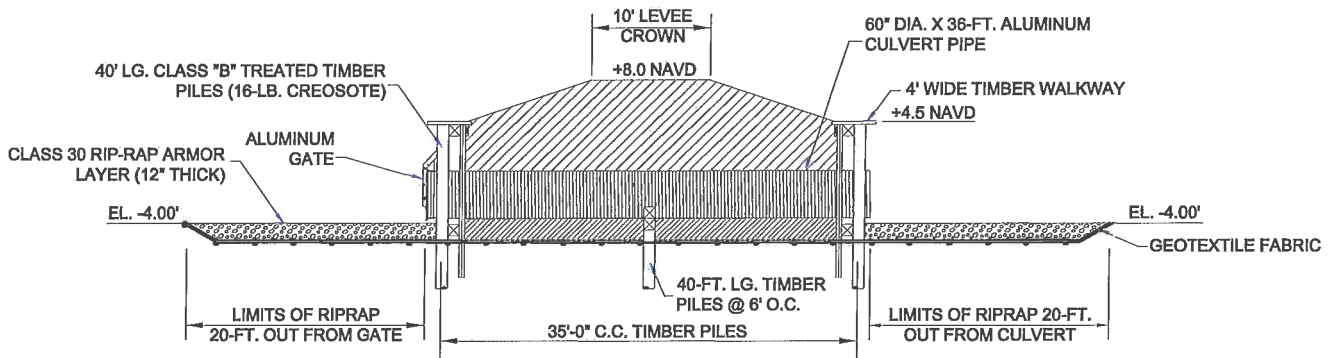


SHEET	11	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	1" = 20'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\



TYPICAL SECTION J-J THRU STRUCTURE S-3



TYPICAL SECTION K-K THRU STRUCTURE S-3

ESTIMATED QUANTITY FOR WATER CONTROL STRUCTURE	
RIPRAP	90 CU. YD.
GENERAL EARTHEN FILL	1,000 CU. YD.
GEOTEXTILE FABRIC	415 SQ. YD.


THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

TYPICAL THRU SECTIONS WATER CONTROL STRUCTURE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
 LOCATED IN SECTION 79, T18S-R18E
 TERREBONNE PARISH
 HOUMA, LOUISIANA

 T. BAKER SMITH 1913 A CENTURY OF SOLUTIONS 412 South Van Ave., Houma, LA 70363 (989)868-1050 - tbsmith.com	NOT TO SCALE	SHEET 12 OF 13
		DRAWN BY: DPP APPROVED BY: HJT, KJB SCALE: NTS DATE: 03/07/2013 JOB NUMBER: 2011.0086
FILE: P:\ENV\		

NOTES:

- 1) AS BUILT DRAWINGS WILL BE PROVIDED TO LA. DNR, CMD AND PIPELINE DIVISION WITHIN 30 DAYS OF COMPLETION OF THIS PROJECT.
- 2) ALL STRUCTURES WILL BE MARKED IN ACCORDANCE WITH U.S. COAST GUARD REGULATION.
- 3) TO ENSURE THE SAFETY OF ALL PARTIES, THE PERMITTEE SHALL CONTACT THE LOUISIANA ONE CALL SYSTEM (1-800-272-3020) A MINIMUM OF 96 HOURS PRIOR TO COMMENCEMENT OF ANY EXCAVATION (DIGGING, DREDGING, JETTING, ETC.) OR DEMOLITION ACTIVITY.
- 4) APPROXIMATELY (179,311± CUBIC YARDS) OR (21.90± ACRES) OF NATIVE MATERIAL WILL BE EXCAVATED.
- 5) APPROXIMATELY (105,090± CUBIC YARDS) OR (9.43± ACRES) WILL BE PLACED AS FILL.
- 6) APPROXIMATELY (12.30± ACRES) OF WETLANDS ARE EXPECTED TO BE PERMANENTLY IMPACTED AND 4.19± ACRES TEMPORARILY IMPACTED BY THIS PROJECT.
- 7) APPROXIMATELY (402± CUBIC YARDS) OR (0.21± ACRES) OF RIPRAP WILL BE PLACED AS FILL.
- 8) ALL ACCESS ROUTES WILL BE WITHIN EXISTING ROAD RIGHT OF WAYS AND THE REQUIRED CONSTRUCTION RIGHT OF WAYS.
- 9) WHEN WATER SURFACE ELEVATIONS INSIDE THE FORCED DRAINAGE AREA REACH +1.25 NAVD DUE TO RAIN EVENTS, PUMPING WILL BEGIN. WHEN THE WATER SURFACE ELEVATION ON THE PROTECTED SIDE REACHES +0.80 NAVD PUMPING WILL STOP.
- 10) WHEN WATER SURFACE ELEVATIONS ON THE FLOOD AND PROTECTED SIDE ARE ANTICIPATED TO EXCEED +3.50 NAVD DUE TO APPROACHING TROPICAL EVENTS, THE GATES AT THE WATER CONTROL STRUCTURE WILL BE CLOSED. ONCE THE WATER SURFACE ELEVATION ON THE FLOOD SIDE HAS RETURNED TO NORMAL CONDITIONS THE GATES WILL BE REOPENED. THE EXISTING LEVEL OF PROTECTION ALONG THE ST. LOUIS CANAL IS A MINIMUM OF +4.0 NAVD. ALL RUNOFF WATER UNDER THE FORCE DRAINAGE SYSTEM WILL GRAVITY DRAIN TO THE BORROW CANAL AND PUMP STATION AND NOT TO THE ST. LOUIS CANAL.

EXCAVATION / FILL / PERMANENT IMPACTS						
	EXCAVATION AREA (AC)	EXCAVATION VOLUME (CY)	FILL AREA (AC)	FILL VOLUME (CY)	IMPORTED FILL AREA (AC)	IMPORTED FILL VOLUME (CY)
WETLANDS	12.30	54,498	3.98	41,407	1.63	9,832
OTHER WATERS	6.08	10,934	3.16	30,639	0.09	1,511
NON-WETLANDS	3.70	113,879	2.29	33,044	0.90	2,929
TOTALS	22.08	179,311	9.43	105,090	2.62	14,272

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

04	12/02/2013	PERMANENT IMPACTS NOTE
NO.	DATE	REVISION

NOTES

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

PROPOSED FLOOD PROTECTION LEVEE SYSTEM, WATER CONTROL STRUCTURE
AND PUMP STATION FROM THE ASHLAND LANDFILL ROAD TO CEDAR GROVE
LOCATED IN SECTION 79, T18S-R18E
TERREBONNE PARISH
HOUMA, LOUISIANA



NOT TO SCALE

SHEET	13	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
SCALE:	NTS		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE: P:\ENV\