

JOINT PUBLIC NOTICE

July 30, 2018

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
7400 Leake Avenue
New Orleans, LA 70118-3651

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

(504) 862-2548/ FAX (504) 862-2574
Project Manager
Johnny Duplantis
Permit Application Number
MVN-2011-02351-WPP

(225) 219-3225/FAX (225) 325-8125
Project Manager
Elizabeth Hill
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: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, for a Water Quality Certification (WQC) in accordance with statutory authority contained in Louisiana Revised Statutes of 1950, Title 30, Chapter 11, Part IV, Section 2074 A(3) and provisions of Section 401 of the Clean Water Act (P.L.95-17).

FLOOD PROTECTION LEVEE IN TERREBONNE PARISH

NAME OF APPLICANT: Terrebonne Parish Consolidated Government, Post Office Box 2768, Houma, Louisiana, 70361.

LOCATION: Lat 29° 31' 05.01"N / Long -90° 40' 05.68"W; POE: Lat 29° 29' 46.62"N / Long -90° 40' 40.55"W; Section 79, T18S, R18E, Terrebonne Parish, Louisiana.

DESCRIPTION: This proposal was originally placed on Public Notice (PN) on October 22, 2012, which has since expired and the application was subsequently withdrawn. The applicant has submitted a new application for the proposed project. The proposal has subsequently been modified to reduce permanent and temporary impacts to jurisdictional wetlands. The proposal is to dredge a 76 feet wide by 10.5 feet deep borrow canal resulting in 125,357 cubic yards of dredged material of which 55,721 cubic yards would be placed to create 9,457 linear feet of 55 feet wide by 8 feet high flood protection levee. The remaining dredged material would be hauled off to a non-wetland site. Deposit 8,252 cubic yards of earthen fill and 90 cubic yards of rock to facilitate the installation of five 60 inch diameter flapgate water control structures across the St. Louis Canal. Approximately 9.85 acres of forested wetlands and 5.09 acres of fresh marsh wetlands would be permanently impacted as a primary result of this activity and approximately 41.81 acres would potentially be secondarily impacted by being encompassed within the levee protection boundaries. 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 for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written

comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

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 5:00 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.

No properties listed on the National Register of Historic Places are 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 the State Historic Preservation Officer.

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. 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 the proposed activity would have no effect on any listed 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 5.09 acre(s) of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

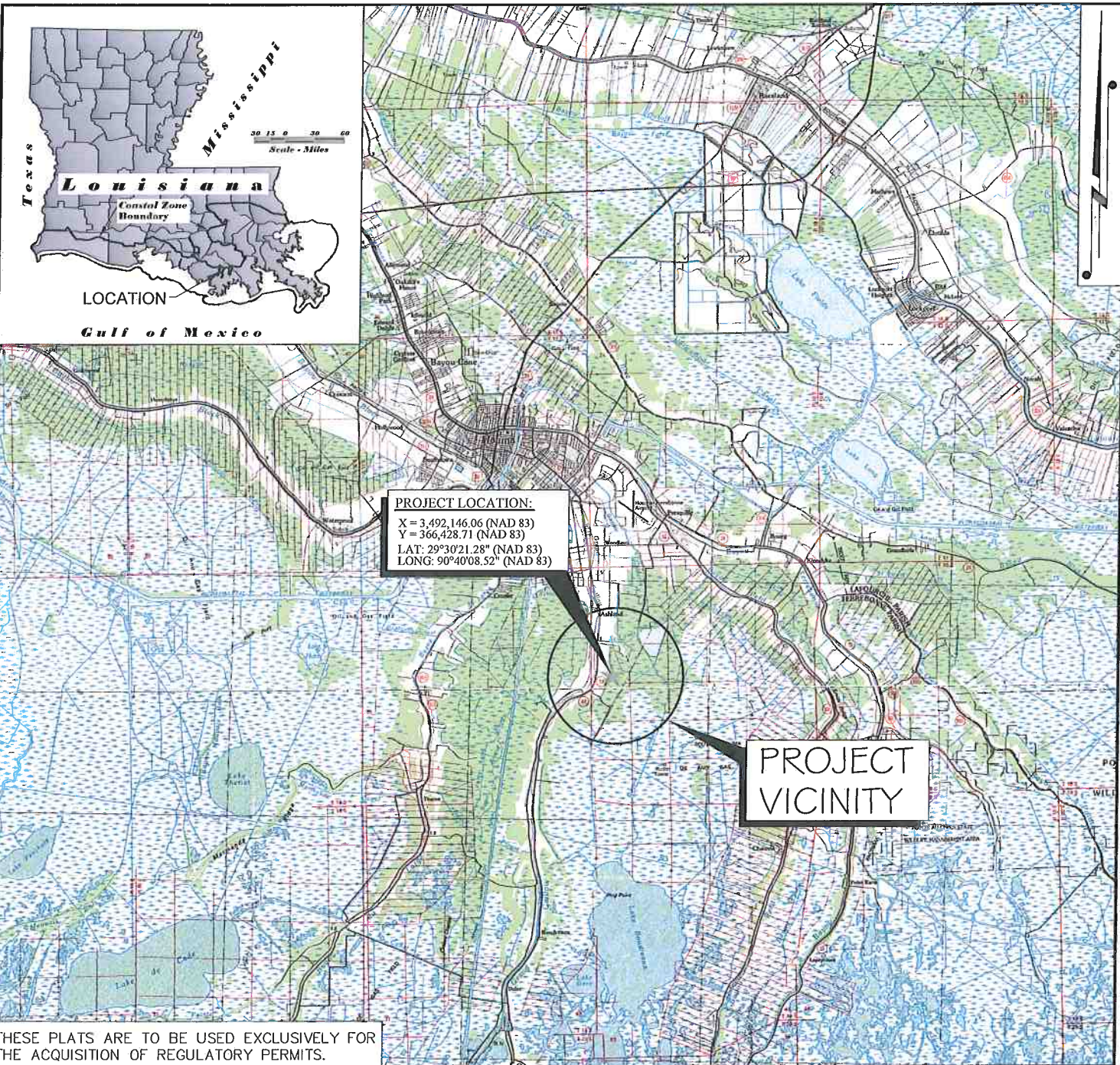
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

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.

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

Attachments

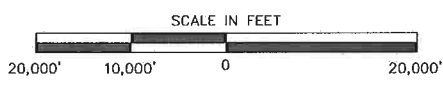


THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

01	04/04/2013	TITLE
NO.	DATE	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



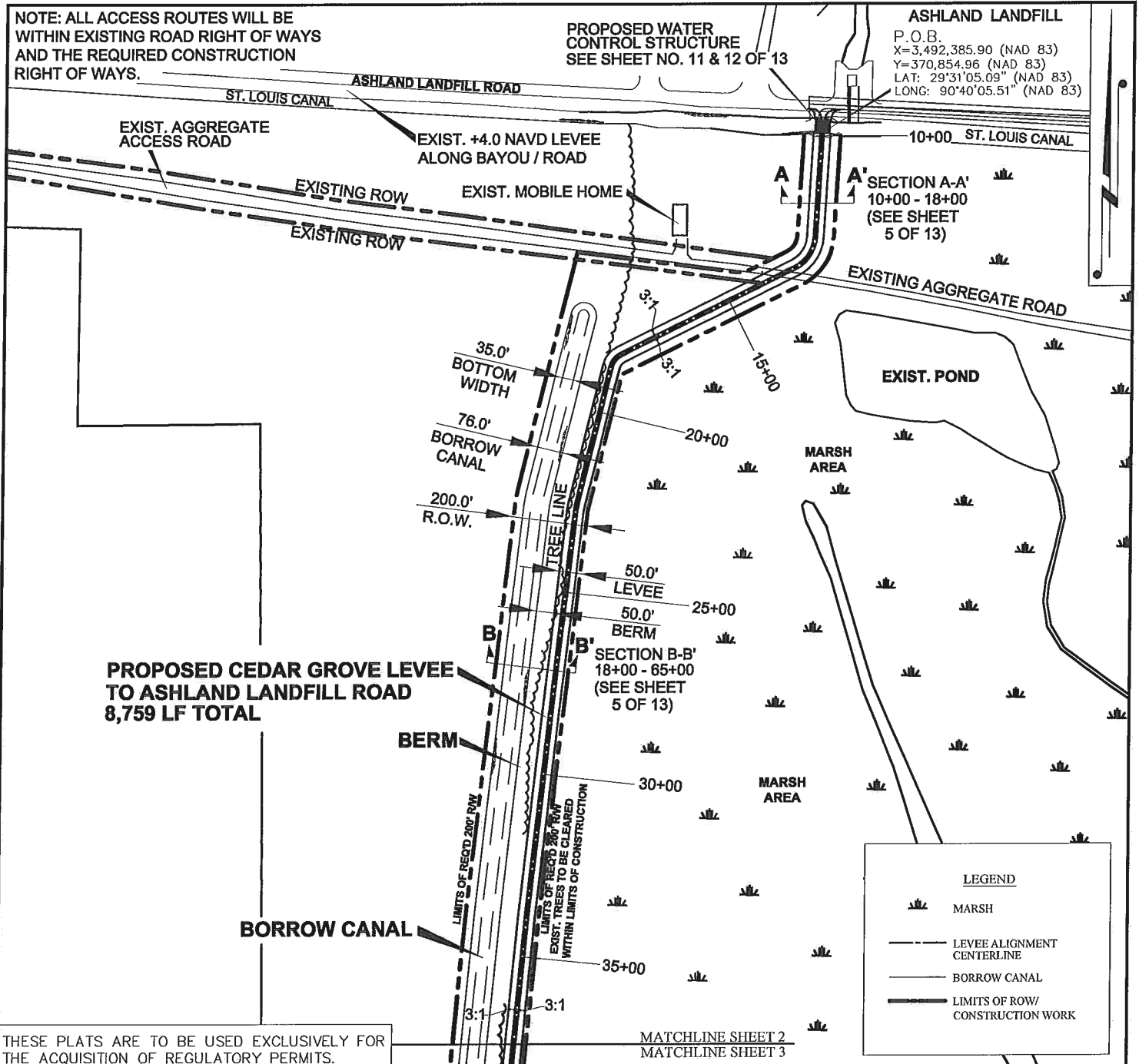
SHEET	1	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 20,000'		
DATE:	10/04/2011		
JOB NUMBER:	2011.0086		

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)



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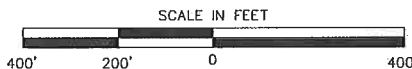
MATCHLINE SHEET 2
MATCHLINE SHEET 3

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

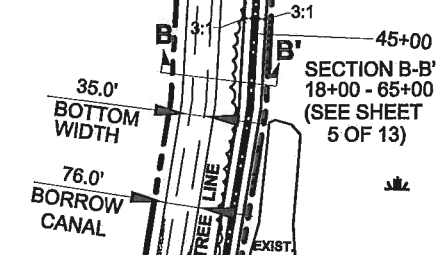
BORROW CANAL

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

BERM

EXIST. DITCH

GRAND CAILLOU RD



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

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.

MATCHLINE SHEET 3
MATCHLINE SHEET 4

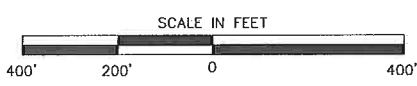
03	08/07/2013	LEVEE ALIGNMENT
NO.	DATE	REVISION

PLAN VIEW LEVEE

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HOUMA, LOUISIANA

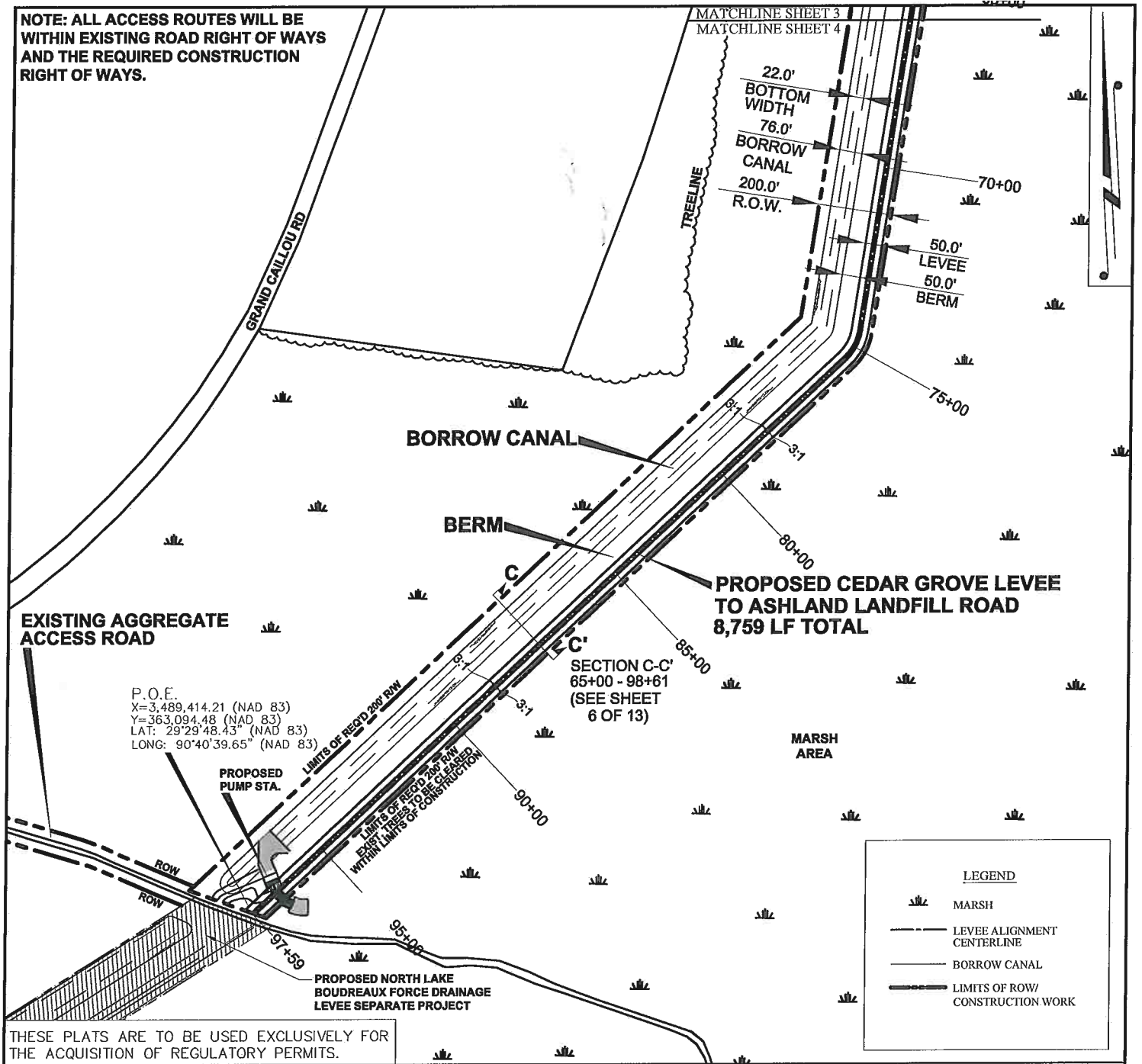
T. BAKER SMITH 1913
A CENTURY OF SOLUTIONS 2013
412 South Van Ave., Houma, LA 70363
(985)968-1050 - tbs@tbs.com



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

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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)

PROPOSED PUMP STA.

PROPOSED NORTH LAKE
 BOUDREAUX FORCE DRAINAGE
 LEVEE SEPARATE PROJECT

SECTION C-C'
 65+00 - 98+61
 (SEE SHEET
 6 OF 13)

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

LEGEND

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

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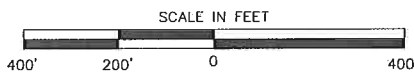
03	08/07/2013	LEVEE ALIGNMENT
NO.	DATE	REVISION

PLAN VIEW LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

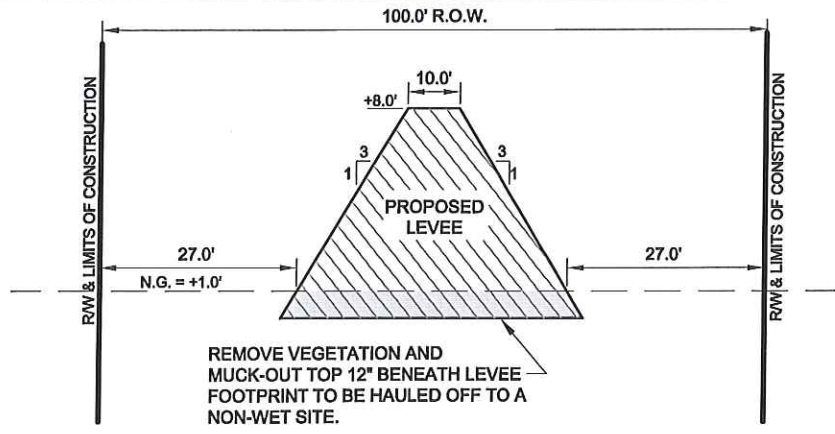
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 412 South Van Ave., Houma, LA 70363
 (985)668-1050 - tbsmith.com



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

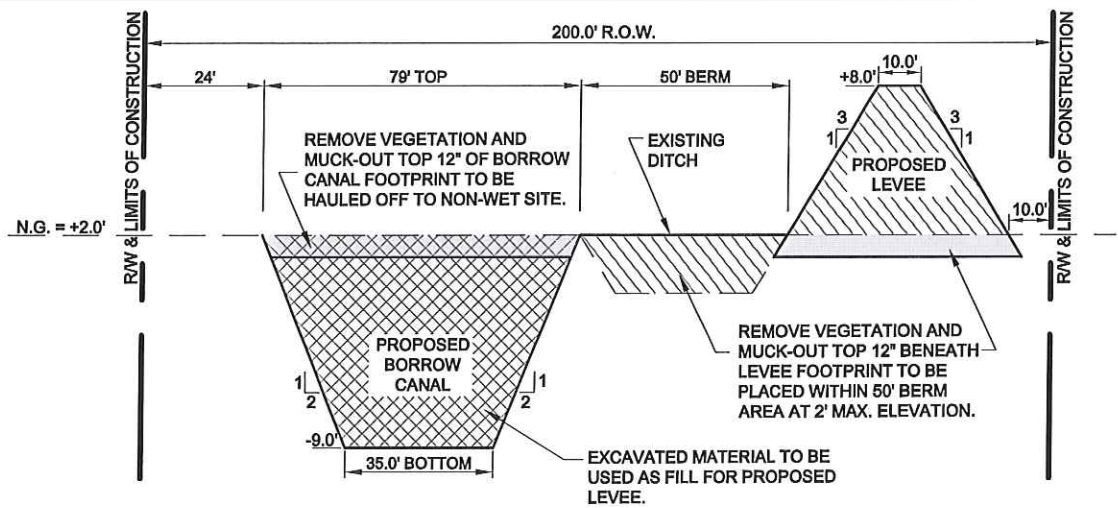
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REMOVE VEGETATION AND MUCK-OUT TOP 12" BENEATH LEVEE FOOTPRINT TO BE HAULED OFF TO A NON-WET SITE.

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.



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

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02	01/23/2014	NOTES
NO.	DATE	REVISION

TYPICAL SECTION LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

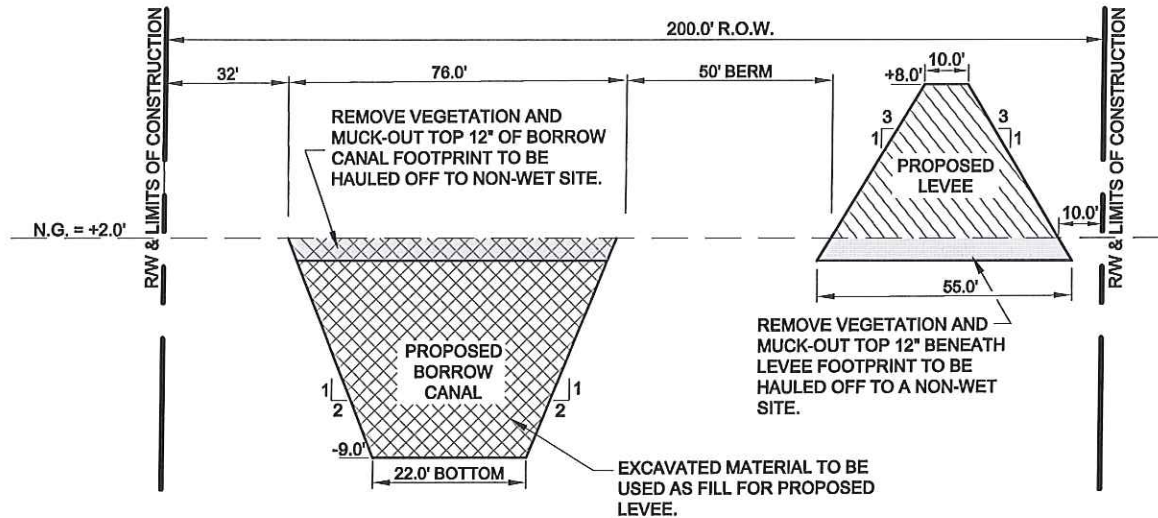
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HOUMA, LOUISIANA



NOT TO SCALE

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

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

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NO.	DATE	NOTES
02	01/23/2014	REVISION

TYPICAL SECTION LEVEE

TERREBONNE PARISH CONSOLIDATED GOVERNMENT

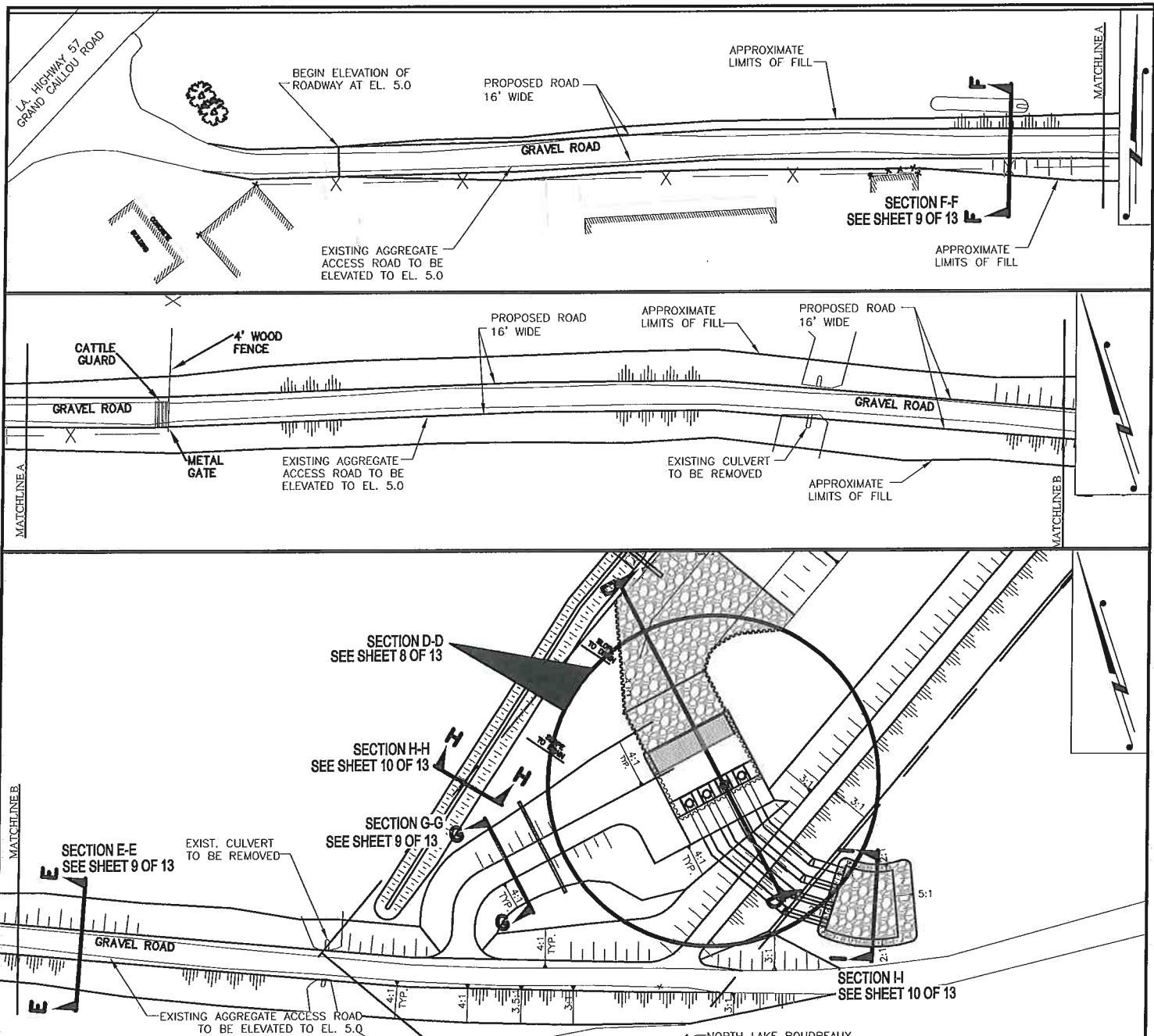
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NOT TO SCALE

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

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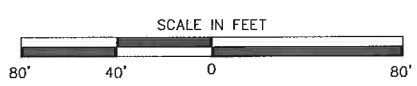
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02	08/07/2013	PAGE NUMBER
NO.	DATE	REVISION

PLAN VIEW PUMP STATION ROAD

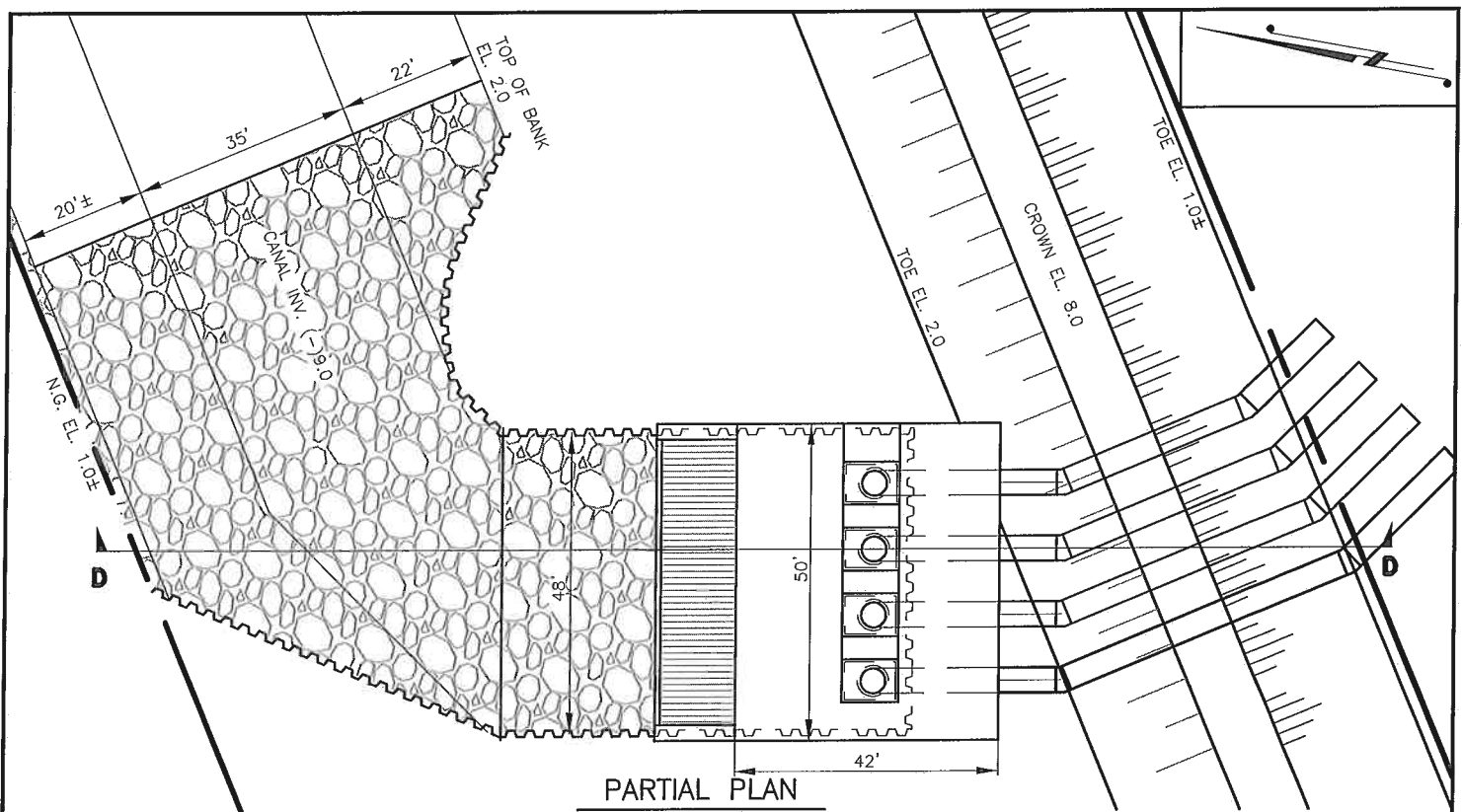
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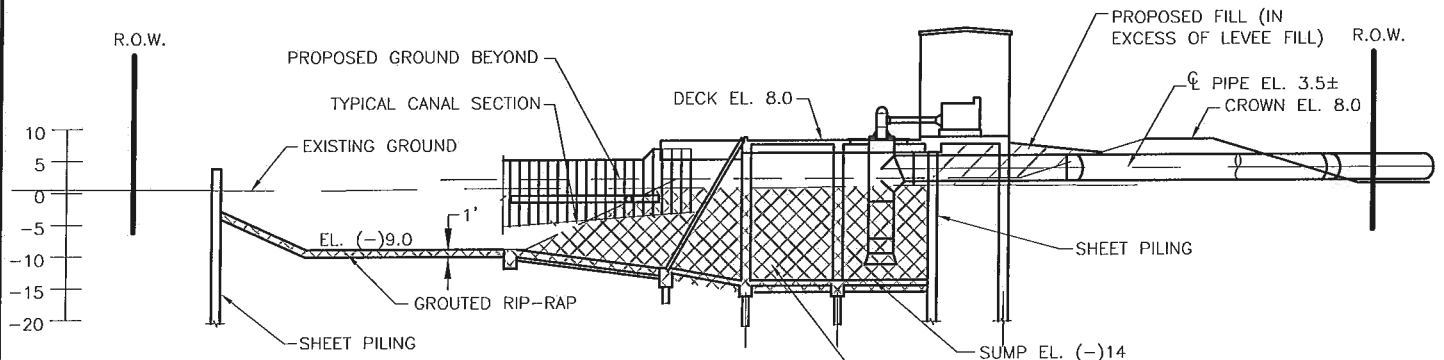
SHEET	7	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 80'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

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

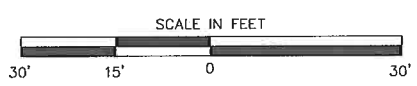
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02	08/07/2013	PAGE NUMBER
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TYPICAL SECTION PUMP STATION

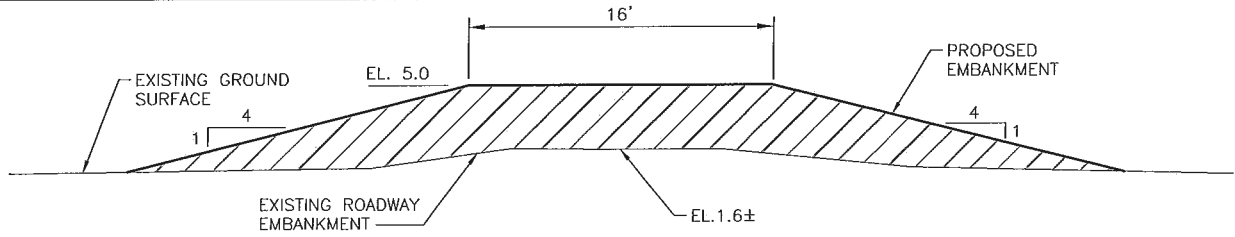
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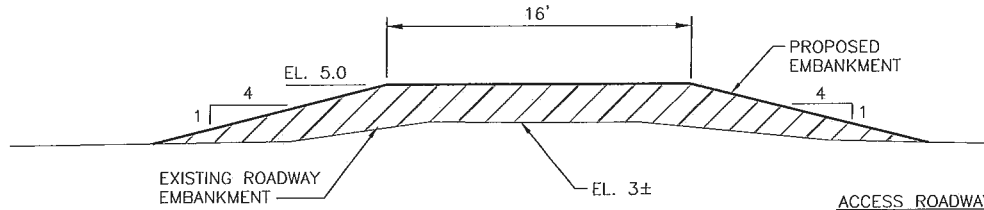
SHEET	8	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 30'		
DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

FILE:



TYPICAL SECTION E-E
PUMP STATION ROAD

SCALE: 1" = 10'



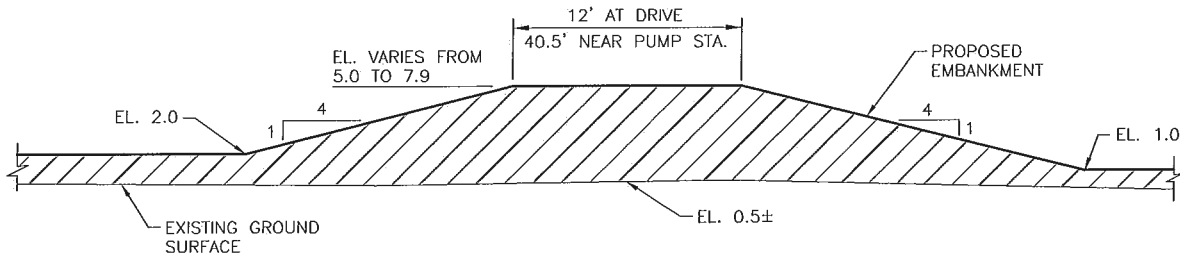
TYPICAL SECTION F-F
PUMP STATION ROAD

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

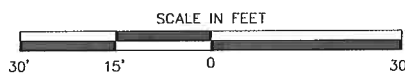
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02	08/07/2013	PAGE NUMBER
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TYPICAL SECTION PUMP STATION ROAD

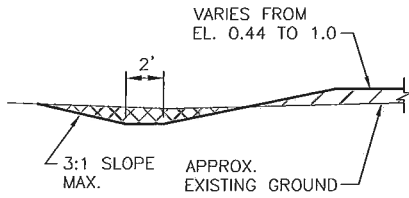
TERREBONNE PARISH CONSOLIDATED GOVERNMENT

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
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FILE:



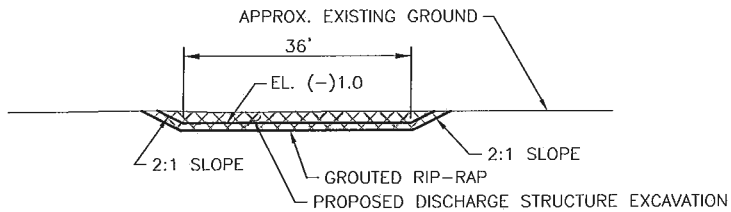
**TYPICAL SECTION H-H
DRAINAGE DITCH**

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

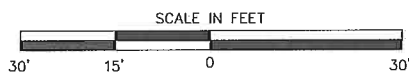
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02	08/07/2013	PAGE NUMBER
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TYPICAL SECTION DRAINAGE DITCH AND DISCHARGE STRUCTURE

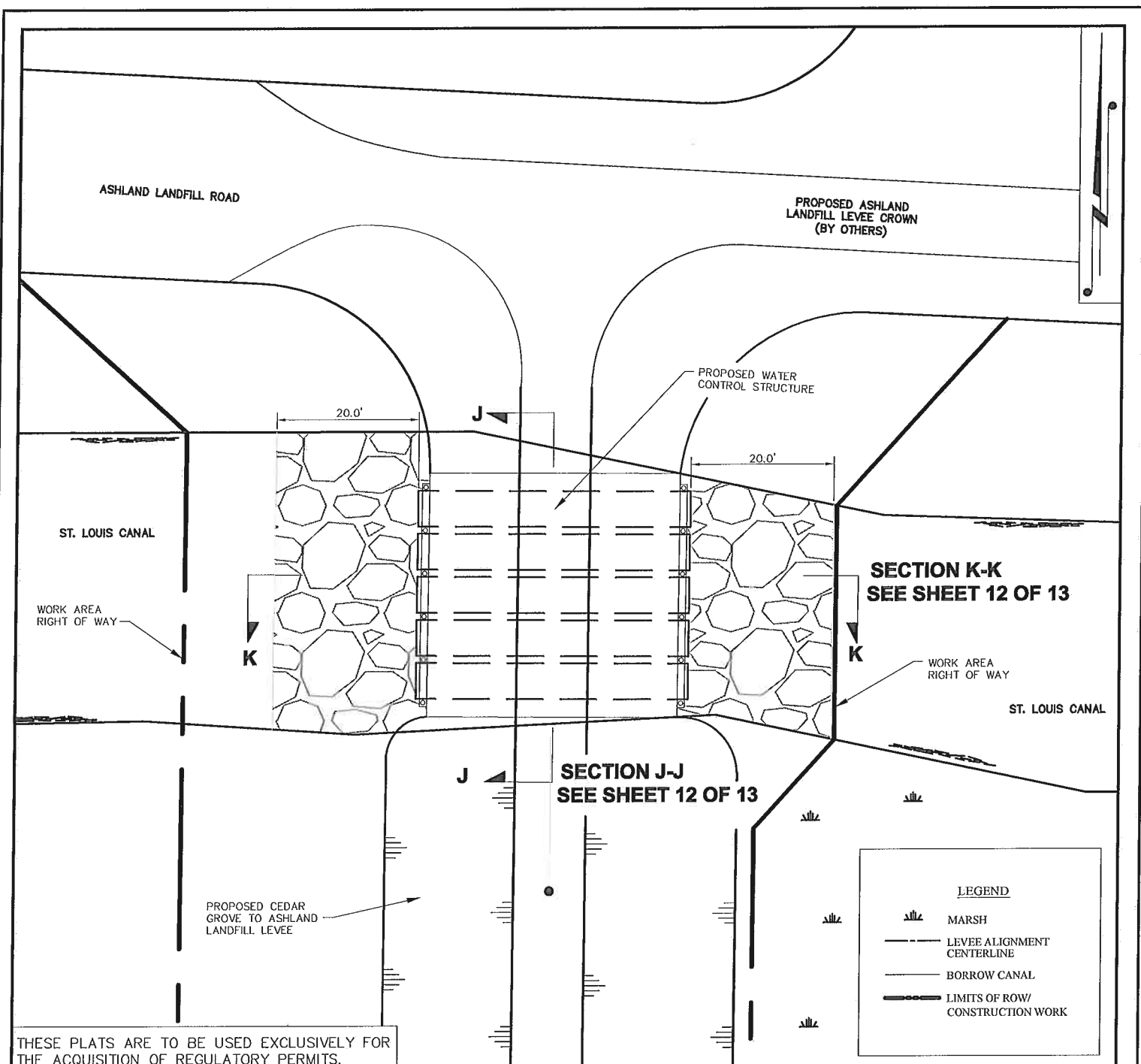
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SHEET	10	OF	13
DRAWN BY:	DPP		
APPROVED BY:	KJB		
SCALE:	1" = 30'		
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FILE:



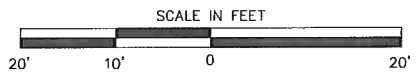
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WATER CONTROL STRUCTURE PLAN VIEW

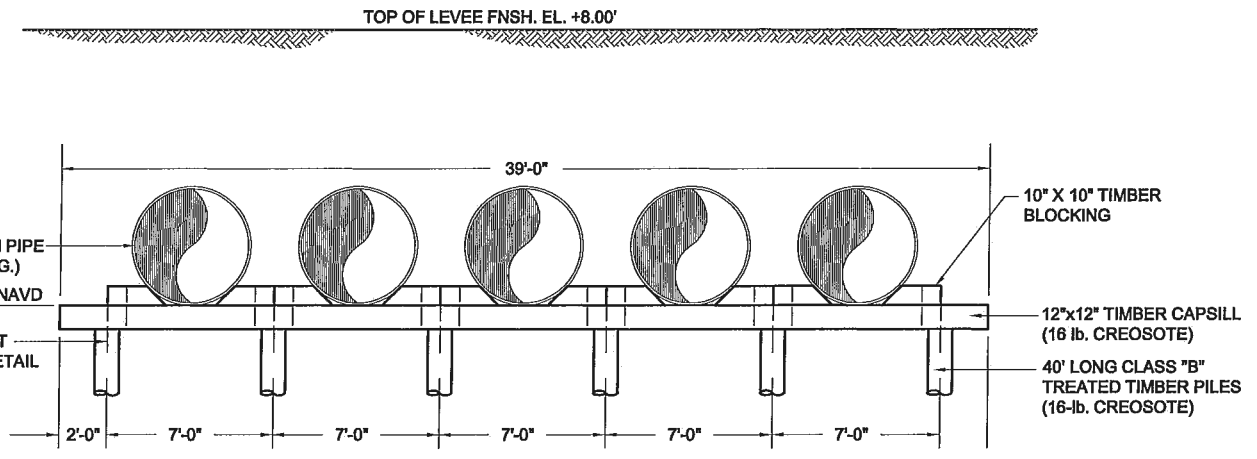
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HOUMA, LOUISIANA

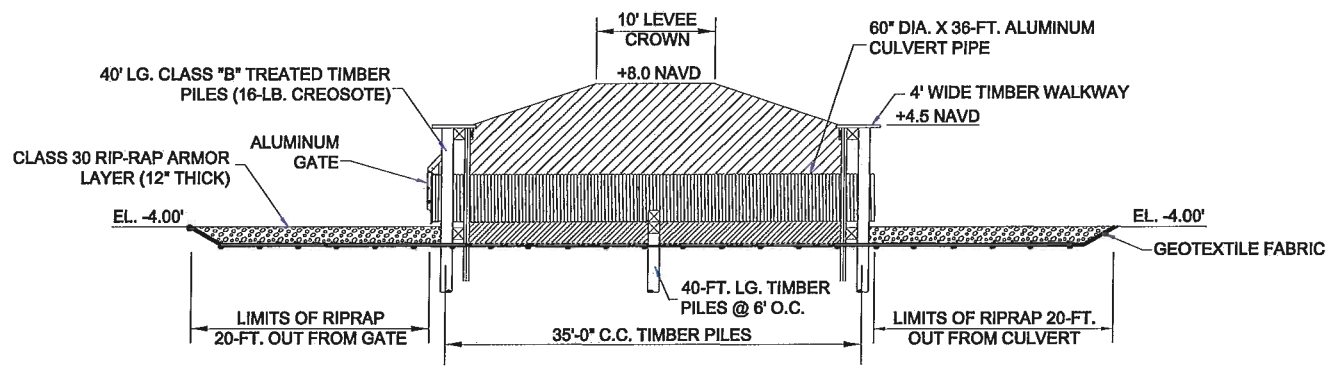


SHEET	11	OF	13
DRAWN BY:	DPP		
APPROVED BY:	HJT, KJB		
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DATE:	03/07/2013		
JOB NUMBER:	2011.0086		

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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 <small>A CENTURY OF SOLUTIONS</small> 412 South Van Ave., Houma, LA 70363 (985)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
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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
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