

JOINT PUBLIC NOTICE

November 24, 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
ATTN: Water Quality Certifications
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(504) 862-2045
jennifer.e.burkett@usace.army.mil
Project Manager
Jennifer Burkett
Permit Application Number
MVN 2014-2274 EBB

(225) 219-3225
Project Manager
Elizabeth Johnson
WQC Application Number
WQC 141114-01

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 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).

DRAINAGE CANAL IN PLAQUEMINES PARISH

NAME OF APPLICANT: Plaquemines Parish Government c/o Stuart Consulting Group at 1018 Central Avenue, Suite 200, Metairie, Louisiana 70001.

LOCATION OF WORK: East of Woodland Highway and south of Planters Canal, Belle Chasse, in Plaquemines Parish, Louisiana, as shown on the attached drawings.

HUC: 08090301; East - Central Louisiana Coastal

CHARACTER OF WORK: To clear, excavate, and install and maintain fill for a drainage canal and access road, requiring direct impacts to 16.5 acres of forested wetlands and 0.28 acre of Other Waters of the US, traversing an area containing approximately 600 acres of forested habitat, all to improve Springwood Canal's conveyance of storm water runoff to Belle Chasse Inlet #2. 260,000 cubic yards of material will be excavated and hauled off-site to a non-jurisdictional area. The applicant proposes to buy credits from a mitigation bank to offset any unavoidable losses to wetland functions caused by project implementation.

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. **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 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 before a 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 requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Michael V. Farabee
Chief, Eastern Evaluation Section

Enclosure

PLAQUEMINES PARISH GOVERNMENT

BELLE CHASSE DRAINAGE NORTH-SOUTH CANAL

PARISH PROJECT NUMBER: XX-XX-XX
SCG PROJECT NUMBER: S005-04-01-13
NOVEMBER 2014

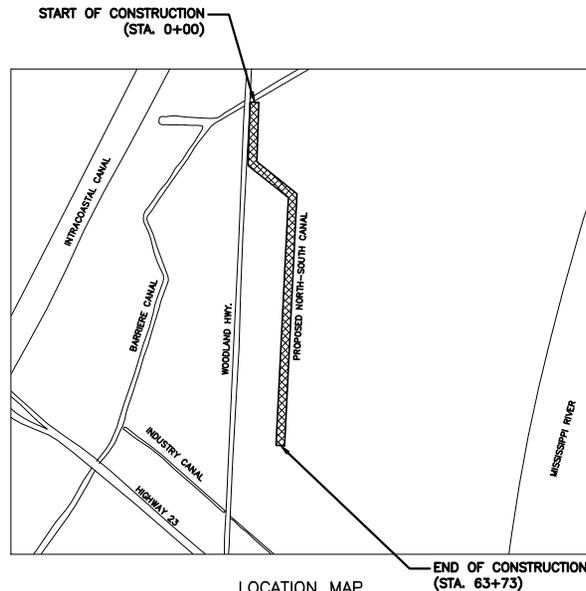


INDEX TO SHEETS

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16	CROSS SECTIONS
17	DETAILS



VICINITY MAP
NOT TO SCALE



LOCATION MAP
NOT TO SCALE

PLAQUEMINES PARISH GOVERNMENT

PARISH PRESIDENT
WILLIAM H. NUNGESSER

PARISH COUNCIL
 PERCY V. GRIFFIN – DISTRICT 1
 KEITH HINKLEY – DISTRICT 2
 KIRK LEPINE – DISTRICT 3
 DR. STUART J. GUEY, JR. – DISTRICT 4
 ANTHONY BURAS – DISTRICT 5
 BURGHART TURNER – DISTRICT 6
 JEFF EDGECOMBE – DISTRICT 7
 BYRON MARINOVICH – DISTRICT 8
 MARLA COOPER – DISTRICT 9

PLANS RECOMMENDED FOR APPROVAL BY:

 KEN DUGAS, P.E.
 PARISH ENGINEER
 PLAQUEMINES PARISH GOVERNMENT

DATE _____

PLANS PREPARED BY:

 JOSEPH A RICKETT, P.E.
 STUART CONSULTING GROUP, INC.

DATE _____

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CONSTRUCTION



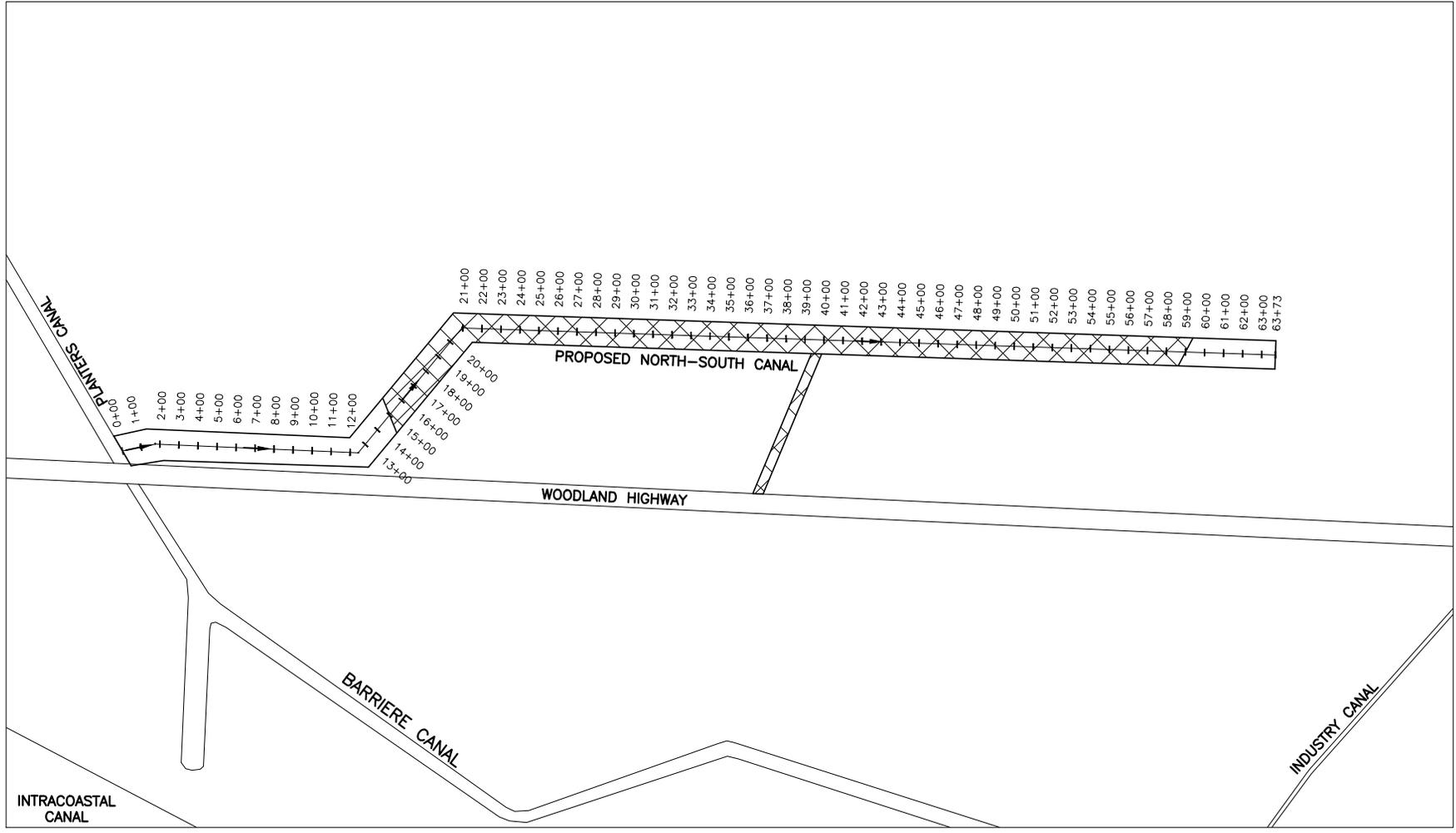
DATE	DESIGNED BY	CHECKED BY	SCALE	AS NOTED	DATE	SCALE	AS NOTED
Nov 14	JAK	CB	AS NOTED	CB	S005-04-01-13	CAF	CAF

NORTH-SOUTH CANAL
 BELLE CHASSE DRAINAGE
 PLAQUEMINES PARISH GOVERNMENT

SHEET NO.
T1

1 of 18





WETLAND AREA

LEGEND	
	WETLAND

35%

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NOT FOR
CONSTRUCTION**

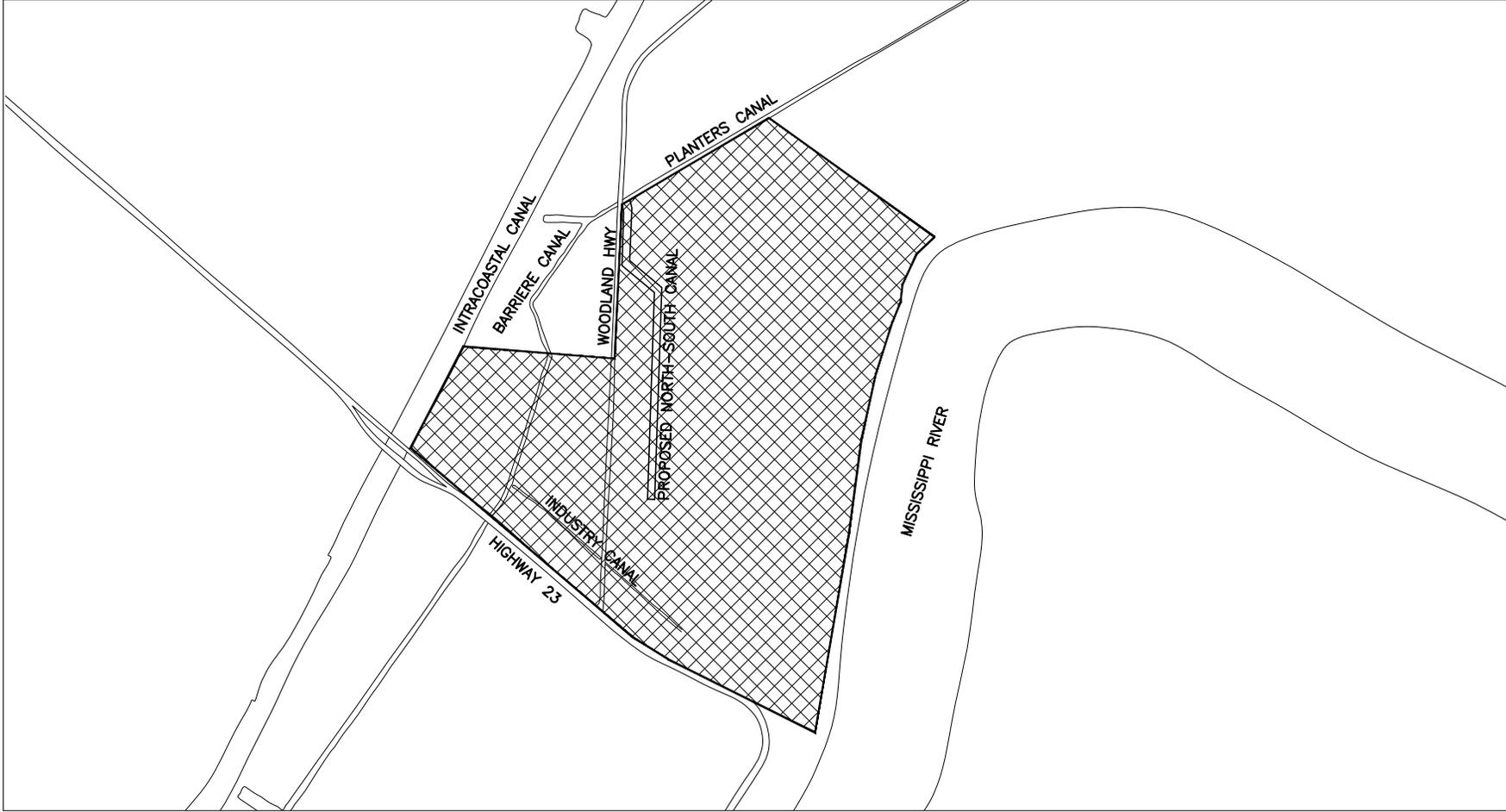


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SCALE	AS NOTED	DRAWN BY	CB
JOB NO.	800604-01-13	CHECKED BY	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT
WETLAND AREA

SHEET NO.
C1

2 of 18



LEGEND
 AREA TO BE BENEFITED



AREA MAP



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 CONSTRUCTION**



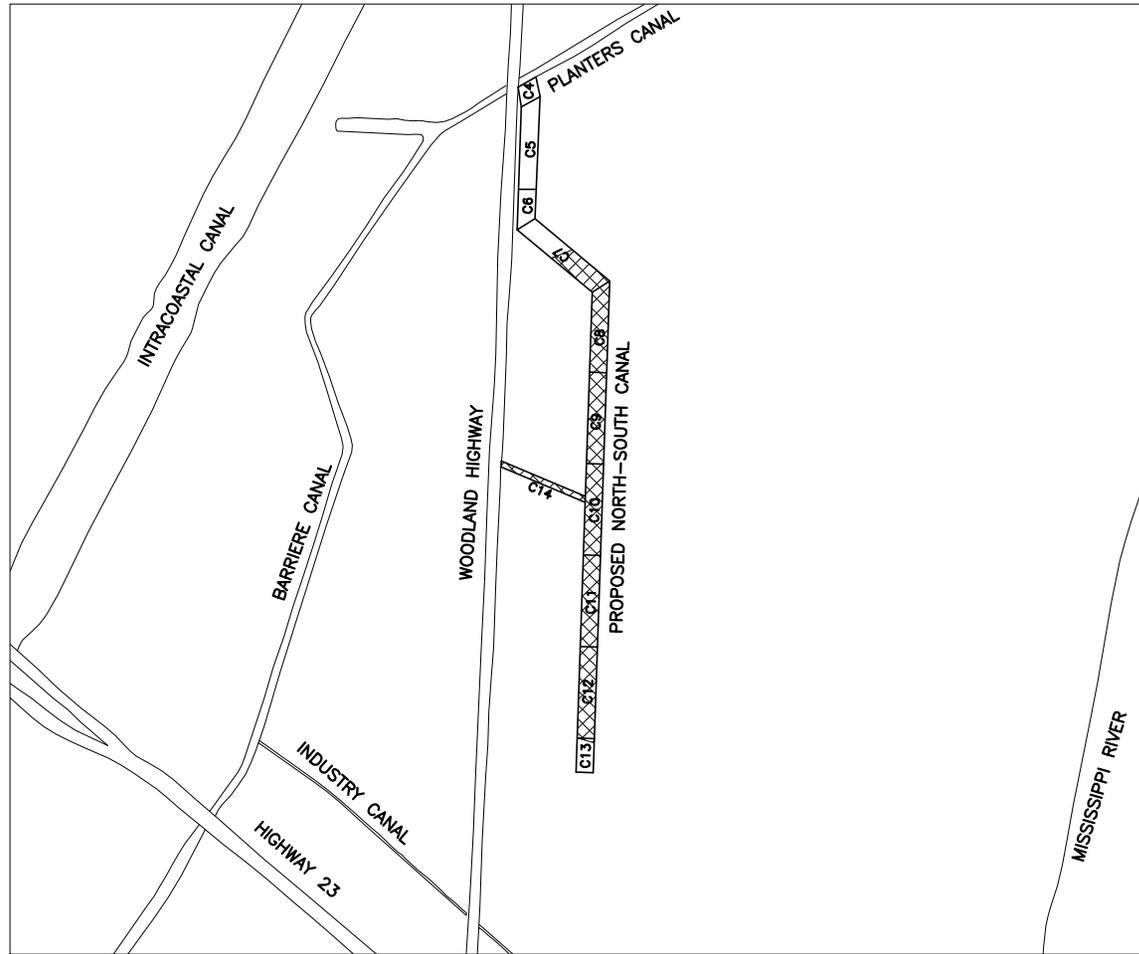
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Nov 14	JAK
SCALE	DRAWN BY
AS NOTED	CB
JOB NO.	PROJECT BY
8008-04-01-13	CAF

NORTH-SOUTH CANAL
 BELLE CHASSE DRAINAGE
 PLAQUEMINES PARISH GOVERNMENT
 AREA TO BE BENEFITED

SHEET NO.
 C2
 3 of 18

GENERAL NOTES:

- ALL WORK SHALL BE DONE TO THE HIGHEST STANDARDS AND IN CONFORMANCE WITH THE REQUIREMENTS OF THE LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (DOTD) AND OF PLAQUEMINES PARISH AND USACE.
- CONTRACTOR SHALL PROVIDE ALL PERMITS INCLUDING, BUT NOT LIMITED TO, PLAQUEMINES PARISH BUILDING DEPARTMENT AND USACE.
- THE EXISTING CHANNEL SHALL BE CLEANED OF DEBRIS AND RESHAPED TO CONFORM TO THE TYPICAL SECTIONS SHOWN ON THE PLANS. ANY TREES IN THE CHANNEL SECTION OR TEMPORARY INGRESS/EGRESS CONSTRUCTION SERVITUDE SHALL BE REMOVED.
- THE LOCATIONS OF UNDERGROUND AND OTHER NONVISIBLE UTILITIES SHOWN HEREIN HAVE BEEN DETERMINED FROM DATA EITHER FURNISHED BY THE AGENCIES CONTROLLING SUCH DATA AND/OR EXTRACTED FROM RECORDS MADE AVAILABLE BY THE AGENCIES CONTROLLING SUCH RECORDS. WHERE FOUND THE SURFACE FEATURES OF LOCATIONS ARE SHOWN, THE ACTUAL NONVISIBLE LOCATIONS MAY VARY FROM THOSE SHOWN HEREIN. EACH AGENCY SHOULD BE CONTACTED RELATIVE TO THE PRECISE LOCATION OF ITS UNDERGROUND INSTALLATION PRIOR TO ANY RELIANCE UPON THE ACCURACY OF SUCH LOCATIONS SHOWN HEREIN, INCLUDING PRIOR TO EXCAVATION AND DIGGING.
- CONTRACTOR SHALL PROVIDE A PRE-CONSTRUCTION VIDEO OF THE ENTIRE AREA OF WORK INCLUDING ANY STRUCTURES WITHIN FIFTY (50) FEET THEREOF. CONTRACTOR SHALL PROVIDE (2) COPIES IN DVD FORMAT ACCEPTABLE TO THE OWNER.
- ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY THE CONTRACTOR. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE APPROPRIATE UTILITY COMPANY OF ANY DAMAGES THAT OCCUR DURING CONSTRUCTION. CONTRACTOR SHALL ALSO PROMPTLY NOTIFY ENGINEER OF ANY DAMAGES TO EXISTING UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS OF ANY UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL PERFORM ANY NECESSARY REPAIRS WITHIN 24 HOURS OF DAMAGE.
- CONTRACTOR SHALL CONTACT THE FOLLOWING ENTITIES AT LEAST THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION:
 PLAQUEMINES PARISH GOVERNMENT
 ENGINEERING AND PUBLIC WORKS DEPARTMENT
 MR. KEN DUVAS, P.E. 504-297-5343
 LOUISIANA ONE CALL 1-800-272-3020
- CONTRACTOR SHALL NOT INTERRUPT ANY UTILITY SERVICE TO ADJACENT RESIDENCES DURING CONSTRUCTION WITHOUT PRIOR NOTICE. IF TEMPORARY UTILITY INTERRUPTION IS REQUIRED, CONTRACTOR SHALL NOTIFY ENGINEER AND PLAQUEMINES PARISH ENGINEERING AND PUBLIC WORKS DEPARTMENT (504-297-5343) AT LEAST 48 HOURS BEFORE INTERRUPTION OF SERVICE. NO UTILITY SERVICE INTERRUPTIONS WILL BE ALLOWED PRIOR TO 7:00 AM OR AFTER 6:00 PM.
- CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL AND DEBRIS OFF SITE AT CONTRACTOR'S EXPENSE.
- CONTRACTOR TO MAINTAIN A CLEAN WORK SITE THROUGHOUT CONSTRUCTION. AFTER COMPLETING THE SCOPE OF WORK, CONTRACTOR WILL CLEAN AND INSPECT THE AREA AROUND THE WORK SITE TO ENSURE IT IS FREE OF TRASH AND DEBRIS BEFORE VACATING THE WORK SITE. ANY DAMAGED AREAS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITION AT THE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR SHALL NOT MAKE USE OF ANY ADJACENT PROPERTY FOR STAGING OR STORAGE UNLESS SHOWN ON THESE PLANS OR AUTHORIZED IN WRITING BY OWNER OF PROPERTY. NO CLEARING OR DISTURBANCE OF ADJACENT PROPERTIES WILL BE ALLOWED.
- CONTRACTOR SHALL NOT BE ALLOWED TO DISCHARGE SEWAGE FLOWS OR ANY KIND OF WASTE INTO CANALS OR STORM DRAINAGE SYSTEM.
- CONTRACTOR SHALL FURNISH AND PAY FOR ALL MATERIAL, LABOR, TOOLS, EQUIPMENT, SUPERVISION, TAXES AND INSURANCE NECESSARY OR INCIDENTALLY REQUIRED TO PERFORM THE WORK.
- ALL EXISTING UTILITIES AND DRAINAGE STRUCTURES SHALL REMAIN UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL RE-GRADE ALL AREAS AFFECTED BY CONSTRUCTION TO PROVIDE POSITIVE DRAINAGE. ALL WORK SHALL BE IN A MANNER ACCEPTABLE TO THE OWNER.
- CONTRACTOR SHALL REMOVE AND REPLACE ANY ROADWAY, SIDEWALKS AND/OR DRIVEWAYS DAMAGED BY CONSTRUCTION. ALL CONCRETE PAVEMENT SHALL BE REPLACED JOINT TO JOINT. CONTRACTOR SHALL GET THE ENGINEER'S APPROVAL BEFORE SAW CUTTING ANY PAVEMENT NOT SHOWN ON THE PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL EXCESS EXCAVATED AND FILL MATERIALS OFF-SITE AT AN APPROVED DISPOSAL SITE. CONTRACTOR MUST OBTAIN WRITTEN APPROVAL FROM THE PARISH ENGINEER BEFORE UTILIZING ANY SITE THAT IS NOT OWNED BY PLAQUEMINES PARISH.
- THE CONTRACTOR SHALL MOW AND MAINTAIN ALL GRASSY AREAS WITHIN CONSTRUCTION AREA LIMITS UNTIL FINAL ACCEPTANCE (THIS IS A NO DIRECT PAY ITEM).
- CONTRACTOR SHALL AT ALL TIMES CONDUCT HIS OPERATION AS TO ENSURE THE LEAST INCONVENIENCE TO THE GENERAL PUBLIC, ADJACENT PROPERTY OWNERS AND BUSINESSES. CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS TO ALL PROPERTIES AND TRAFFIC FLOW IN ROADWAYS ALL TIMES.
- CONTRACTOR SHALL RESTRICT WORKING HOURS TO BETWEEN 7:00 A.M. AND 6:00 P.M. MONDAY THROUGH FRIDAY. NO WORK SHALL BE DONE ON WEEKENDS OR HOLIDAYS WITHOUT PRIOR APPROVAL OF ENGINEER AND PLAQUEMINES PARISH GOVERNMENT.
- CONTRACTOR SHALL NOT CLOSE OR RESTRICT ACCESS ON ANY ROADS WITHOUT WRITTEN APPROVAL FROM THE ENGINEER. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN WRITING TO THE ENGINEER FOR APPROVAL AT LEAST ONE (1) WEEK BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOT SAWCUT ANY STREETS OR CREATE ANY OBSTRUCTIONS TO THE NORMAL FLOW OF TRAFFIC UNTIL TRAFFIC CONTROL PLAN HAS BEEN APPROVED IN WRITING BY ENGINEER.
- ALL ELEVATIONS SHOWN ON THE PLAN ARE NAVD 88.
- ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON PLAN SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO START OF CONSTRUCTION.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST OSHA STANDARDS AND REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE TEMPORARY EROSION CONTROL ON ALL EXCAVATED SURFACES UNTIL PERMANENT BANK STABILIZATION MEASURES HAVE BEEN INSTALLED OR UNTIL FULL GRASS COVER IS ACHIEVED. CONTRACTOR MAY UTILIZE ANY OF THE FOLLOWING TEMPORARY EROSION CONTROL MEASURES: SEEDING, HYDROSEEDING, SODDING, ENGINEER APPROVED ALTERNATE ALL EROSION CONTROL MEASURES SHALL BE USED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. IF FULL GRASS COVER IS NOT ACHIEVED BEFORE SUBSTANTIAL COMPLETION, CONTRACTOR SHALL REMAIN RESPONSIBLE FOR ANY WATERING OR OTHER REQUIRED MAINTENANCE OF THE TEMPORARY EROSION CONTROL MEASURES FOR ONE (1) CALENDAR YEAR FOLLOWING SUBSTANTIAL COMPLETION OR UNTIL FULL GRASS COVER IS ACHIEVED, WHICHEVER OCCURS FIRST.
- CONTRACTOR SHALL PROTECT ALL EXISTING DRAIN PIPES THAT DISCHARGE INTO THE CHANNEL. AFTER EXCAVATION, CONTRACTOR SHALL CUT THE ENDS OF THE PIPES, AS NEEDED, SO THAT THE END OF EACH PIPE IS NO MORE THAN FIVE (5) FEET HORIZONTALLY FROM THE FACE OF THE BANK.
- ALL AERIAL IMAGES SHOWN ON THESE PLANS WERE OBTAINED USING ©BING MAPS and ©GOOGLE MAPS AND ARE PROVIDED FOR REFERENCE PURPOSES ONLY.



LIST OF ABBREVIATIONS

EXIST.	=	EXISTING
STA.	=	STATION
INV.	=	INVERT
MIN.	=	MINIMUM
MAX.	=	MAXIMUM
TYP.	=	TYPICAL
T.O.B.	=	TOP OF BANK
NAVD	=	NORTH AMERICAN VERTICAL DATUM
OSHA	=	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
(H)	=	HORIZONTAL
(V)	=	VERTICAL
S	=	SLOPE
W	=	WETLAND

KEY MAP



35%

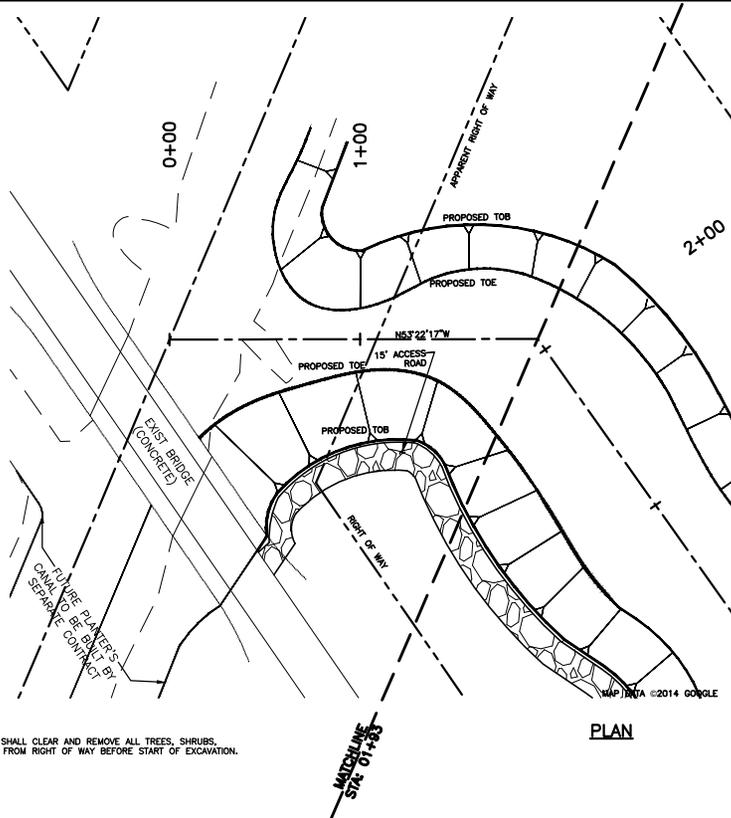
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DRAWN BY:	CB
CHECKED BY:	CAF
DATE:	Nov 14
SCALE:	AS NOTED
JOB NO.:	5008-04-01-13

NORTH-SOUTH CANAL
 BELLE CHASSE DRAINAGE
 PLAQUEMINES PARISH GOVERNMENT
 NOTES & KEY MAP

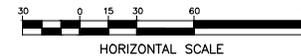
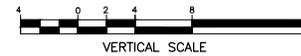
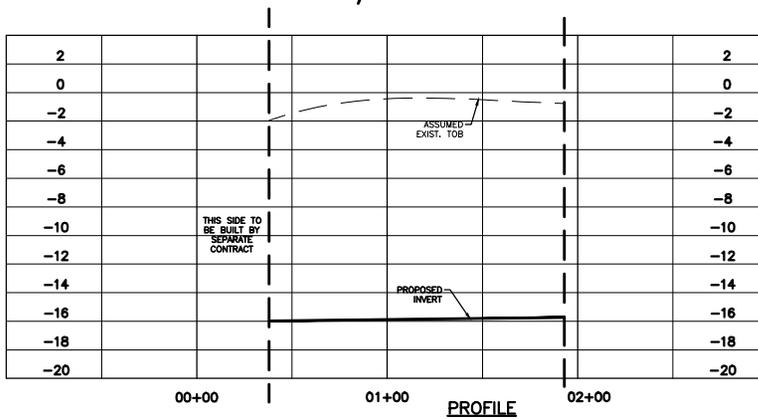
SHEET NO.
C3
 4 of 18



PLAN LEGEND			
---	BASE LINE		ACCESS ROAD
- - -	RIGHT OF WAY		SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)
---	UTILITY SERVITUDE		
---	PROPOSED TOB		
---	PROPOSED TOE		

NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.

PLAN



PROFILE

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

DESIGNED BY:	JAK
DRAWN BY:	CB
CHECKED BY:	CAF
DATE:	08/14
SCALE:	AS NOTED
JOB NO.:	8008-04-01-13

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

PLAN & PROFILE

SHEET NO.
C4

35%

5 of 18

**PRELIMINARY
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CONSTRUCTION**

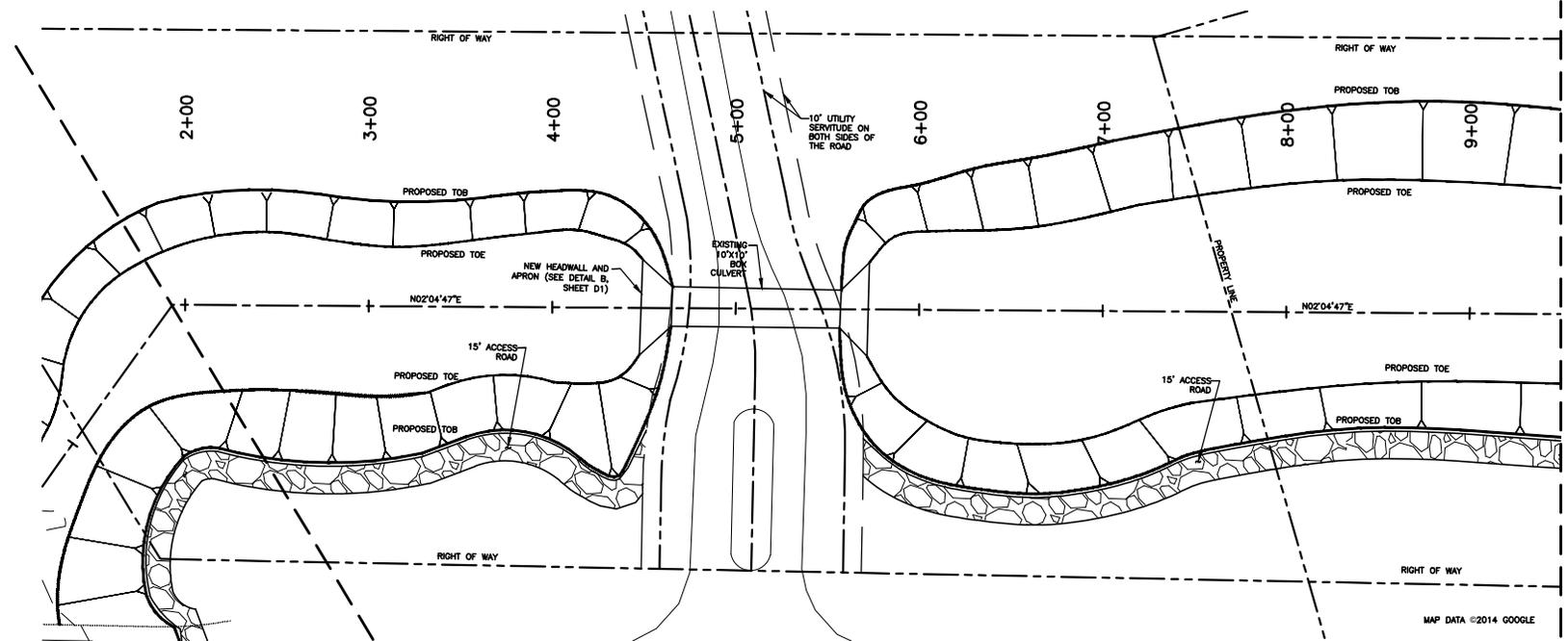
**STUART
CONSULTING
GROUP**

DESIGNED BY:	JAK
DRAWN BY:	CB
CHECKED BY:	CAF
DATE:	08/14
SCALE:	AS NOTED
JOB NO.:	8008-04-01-13

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

SHEET NO. C5

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MAP DATA ©2014 GOOGLE

MATCHLINE
STA. 08+50

NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.

MATCHLINE
STA. 02+00

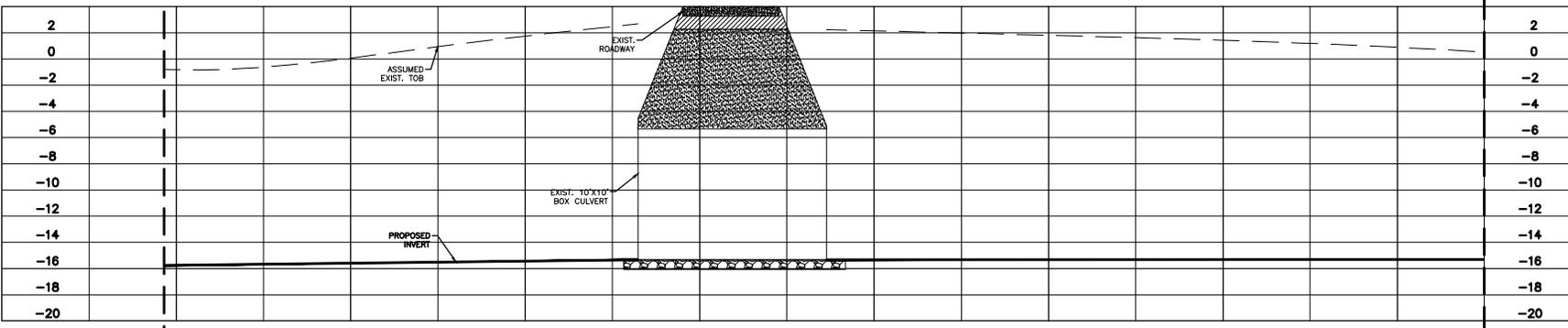


PLAN



PLAN LEGEND

- BASE LINE
- - - RIGHT OF WAY
- - - UTILITY SERVITUDE
- PROPOSED TOB
- PROPOSED TOE
- ACCESS ROAD
- SLOPE STABILIZATION BAGS
(SEE DETAIL A, SHEET D1)



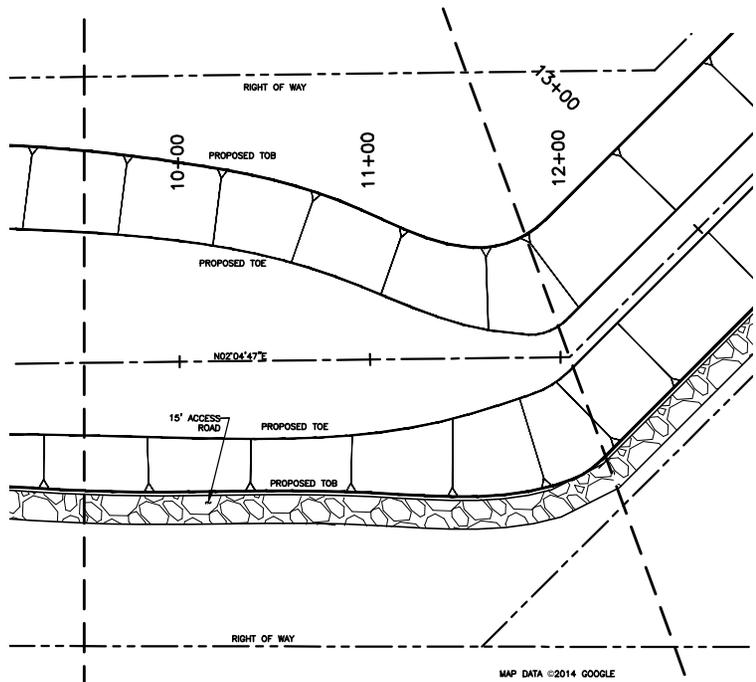
HORIZONTAL SCALE

PROFILE



VERTICAL SCALE

35%



PLAN LEGEND	
	BASE LINE
	RIGHT OF WAY
	UTILITY SERVITUDE
	PROPOSED TOB
	PROPOSED TOE
	ACCESS ROAD
	SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)



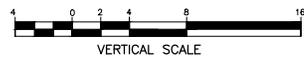
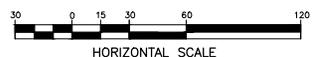
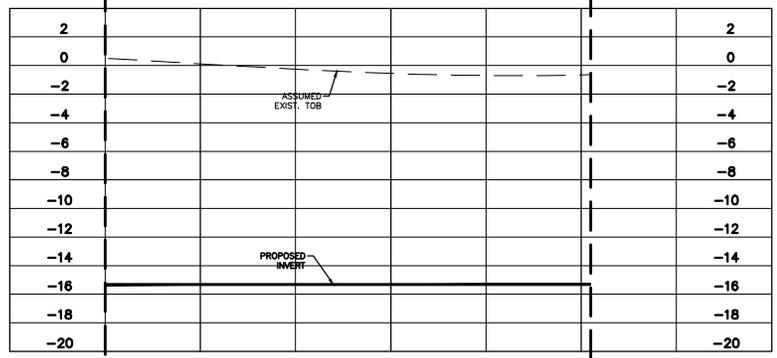
MAP DATA ©2014 GOOGLE

MATCHLINE
STATION 00+00

MATCHLINE
STATION 13+00

PLAN

NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.



PROFILE

HORIZONTAL SCALE

VERTICAL SCALE

**PRELIMINARY
NOT FOR
CONSTRUCTION**



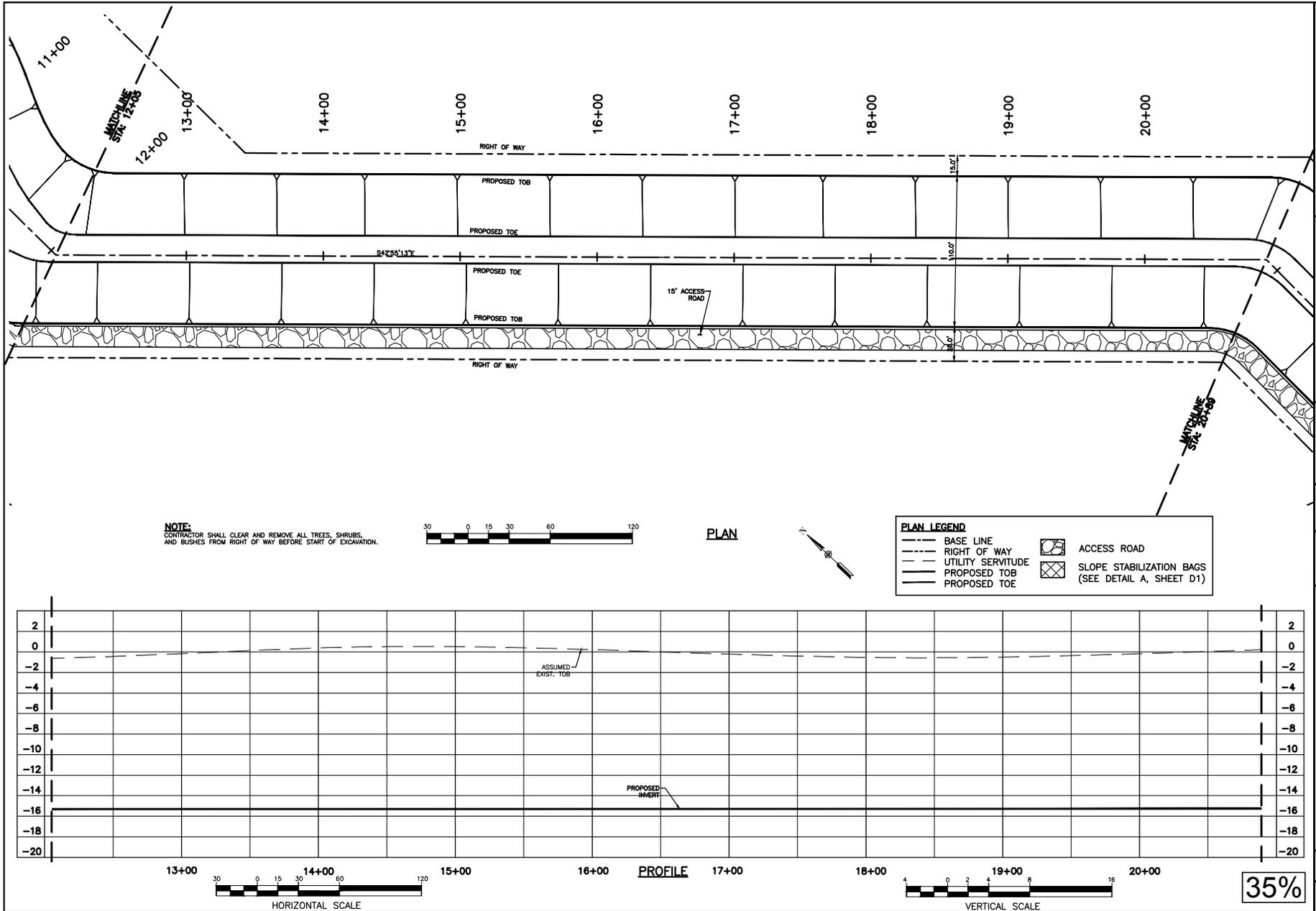
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OWNER:	CB
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PROJECT:	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT
PLAN & PROFILE

SHEET NO.
C6

35%

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PRELIMINARY NOT FOR CONSTRUCTION

STUART CONSULTING GROUP

DESIGNED BY:	JAK
DRAWN BY:	CB
CHECKED BY:	CAF
DATE:	08/14
SCALE:	AS NOTED
JOB NO.:	8008-04-01-13

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

PLAN & PROFILE

SHEET NO. **C7**

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**PRELIMINARY
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CONSTRUCTION**

**STUART
CONSULTING
GROUP**

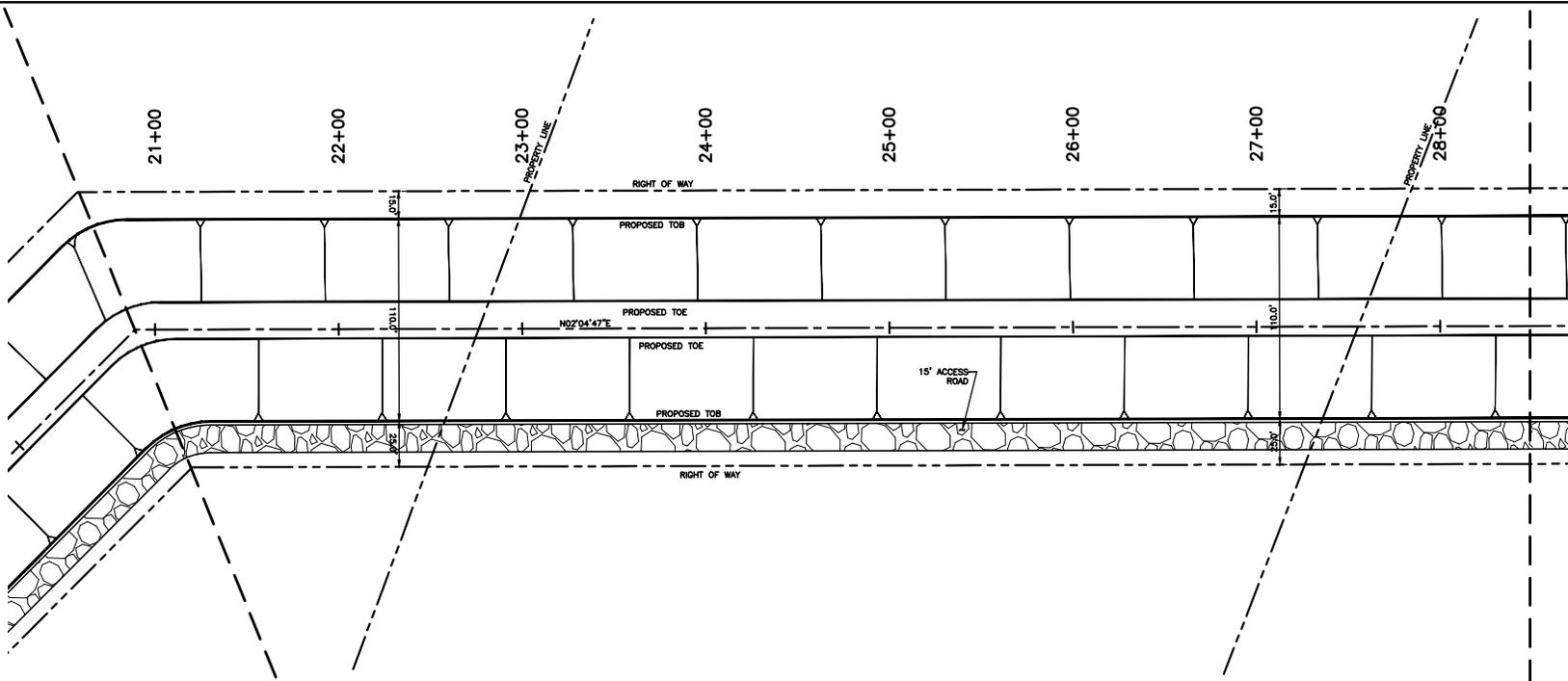
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DRAWN BY:	CB
CHECKED BY:	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

PLAN & PROFILE

SHEET NO.
C8

9 of 18



NOTE:
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AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.

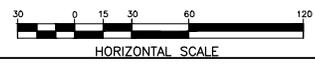
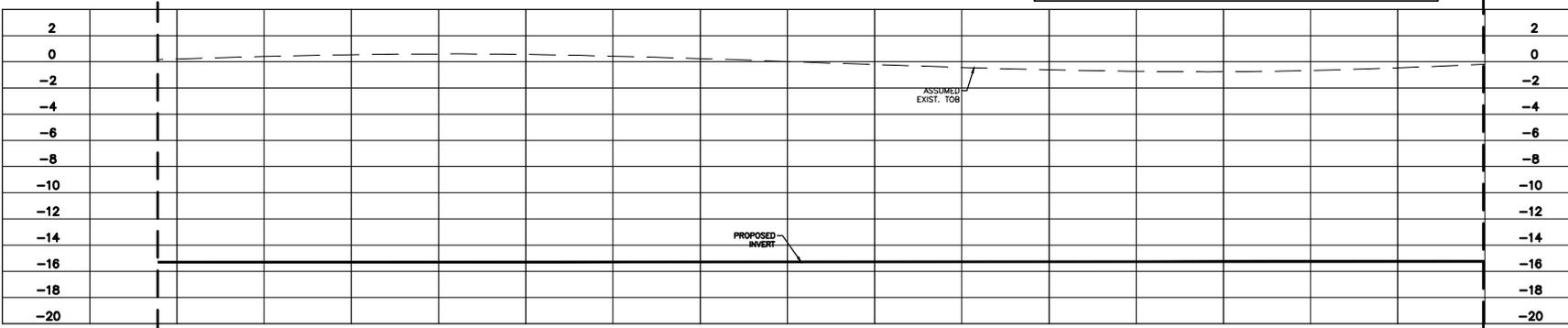


PLAN



PLAN LEGEND

--- BASE LINE	ACCESS ROAD
- - - RIGHT OF WAY	SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)
--- UTILITY SERVITUDE	
--- PROPOSED TOB	
--- PROPOSED TOE	



PROFILE



VERTICAL SCALE

35%

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

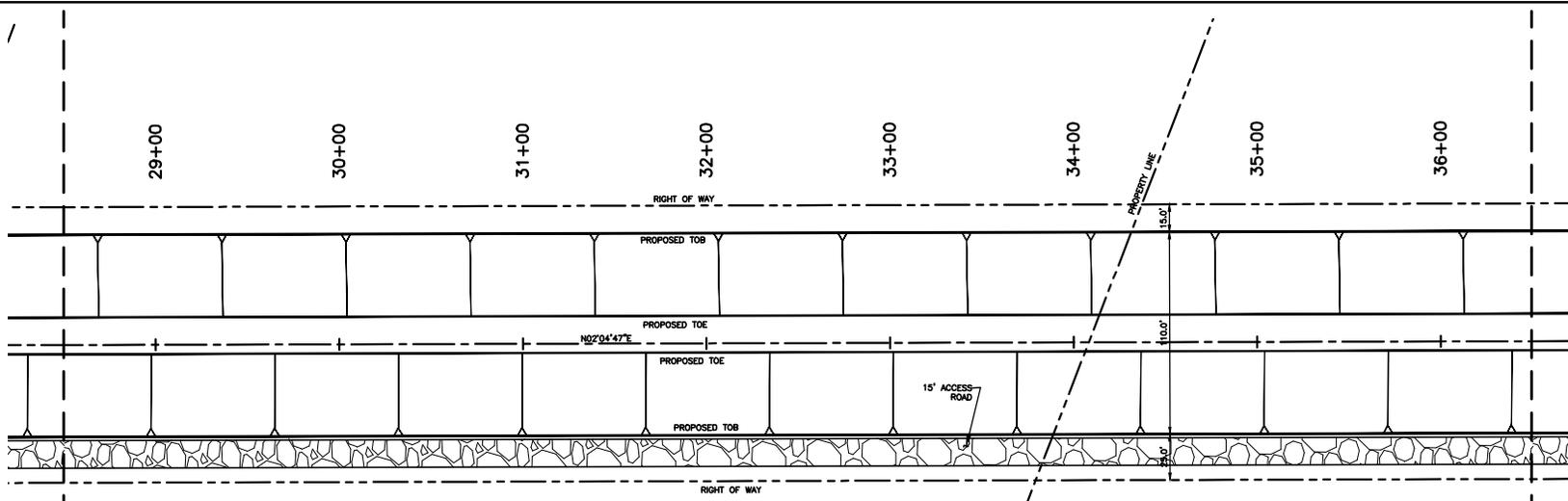
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NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

PLAN & PROFILE

SHEET NO.
C9

10 of 18



NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.

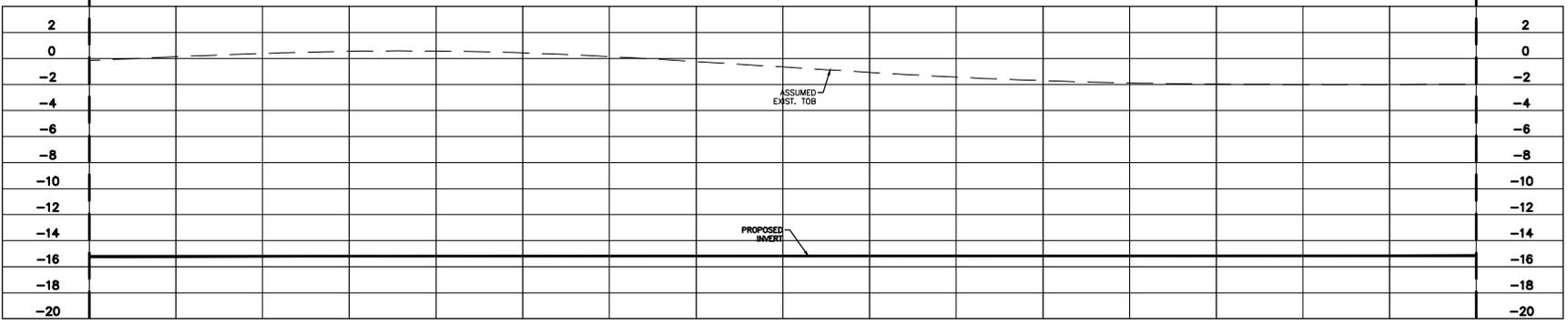


PLAN

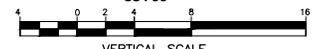


PLAN LEGEND

--- BASE LINE		ACCESS ROAD
- - - RIGHT OF WAY		SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)
- - - UTILITY SERVITUDE		
— PROPOSED TOB		
— PROPOSED TOE		



PROFILE



35%

HORIZONTAL SCALE

VERTICAL SCALE

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

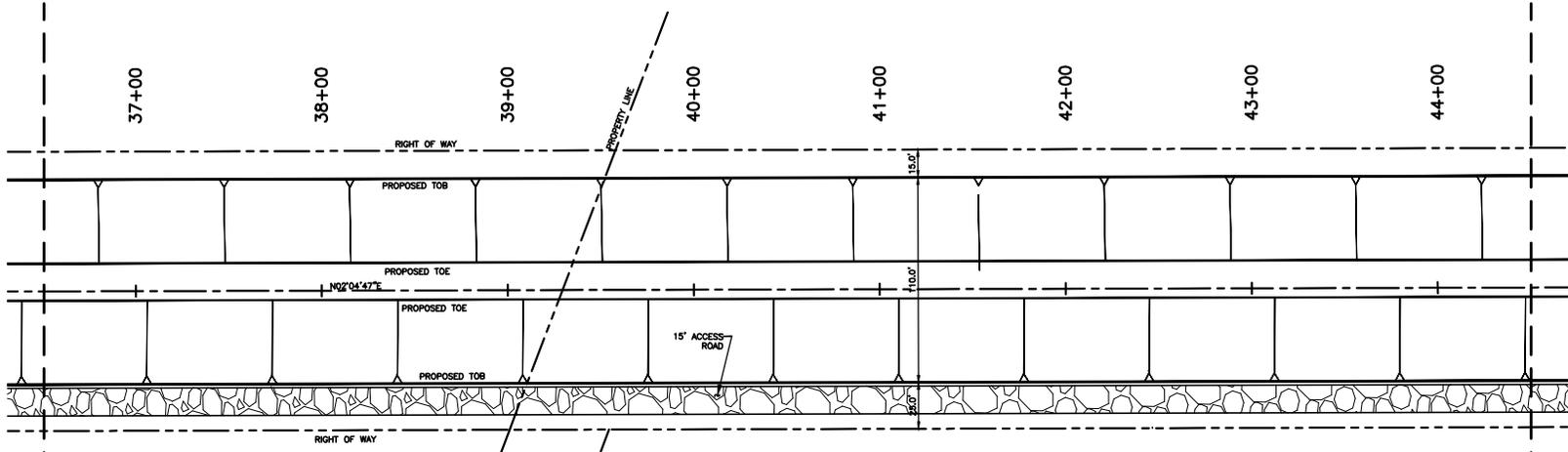
DESIGNED BY:	JAR
DRAWN BY:	CB
CHECKED BY:	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

PLAN & PROFILE

SHEET NO.
C10

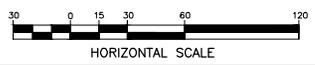
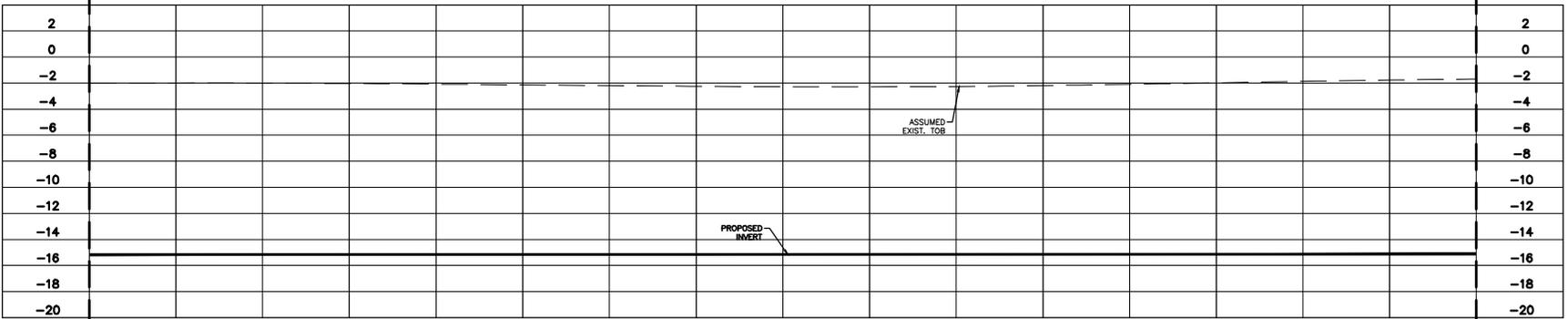
11 of 18



NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.



PLAN LEGEND	
--- (dashed line)	BASE LINE
--- (dashed line)	RIGHT OF WAY
--- (dashed line)	UTILITY SERVITUDE
--- (dashed line)	PROPOSED TOB
--- (dashed line)	PROPOSED TOE
[Stippled pattern]	ACCESS ROAD
[Cross-hatched pattern]	SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)



35%

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

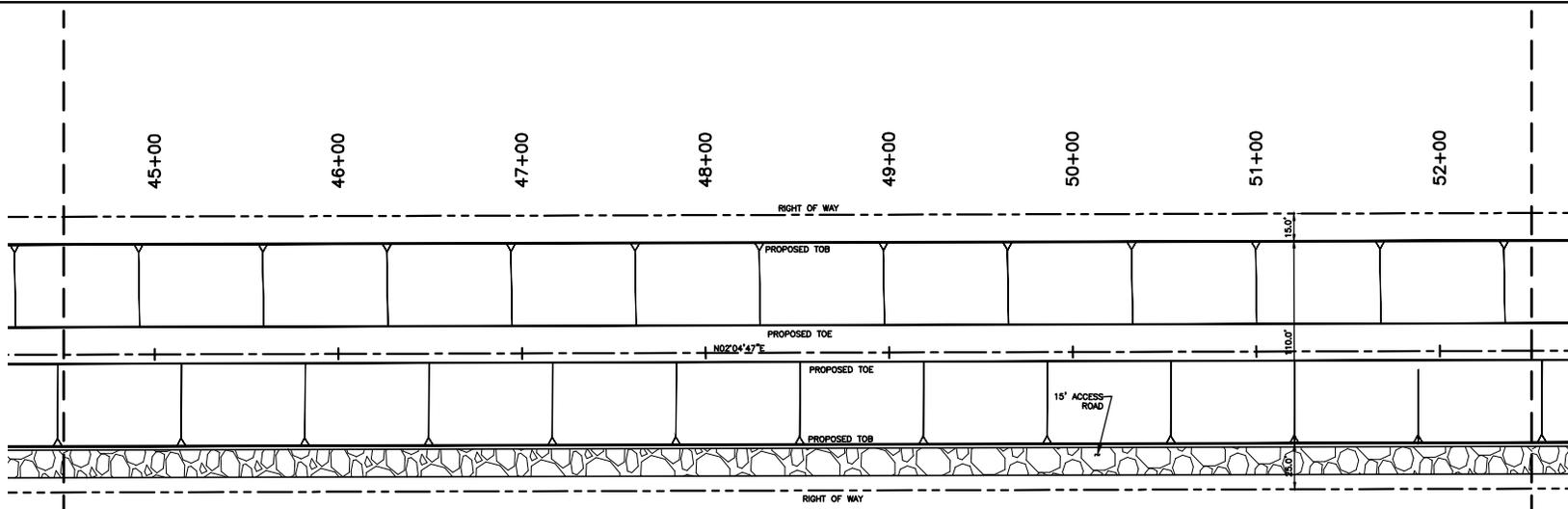
DESIGNED BY:	JAK
CHECKED BY:	CAF
DATE:	OCT 14
SCALE:	AS NOTED
OWNER:	CB
JOB NO.:	8008-04-01-13
PROJECT:	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

SHEET NO.
C11

12 OF 18

PLAN & PROFILE



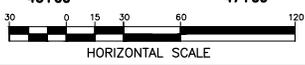
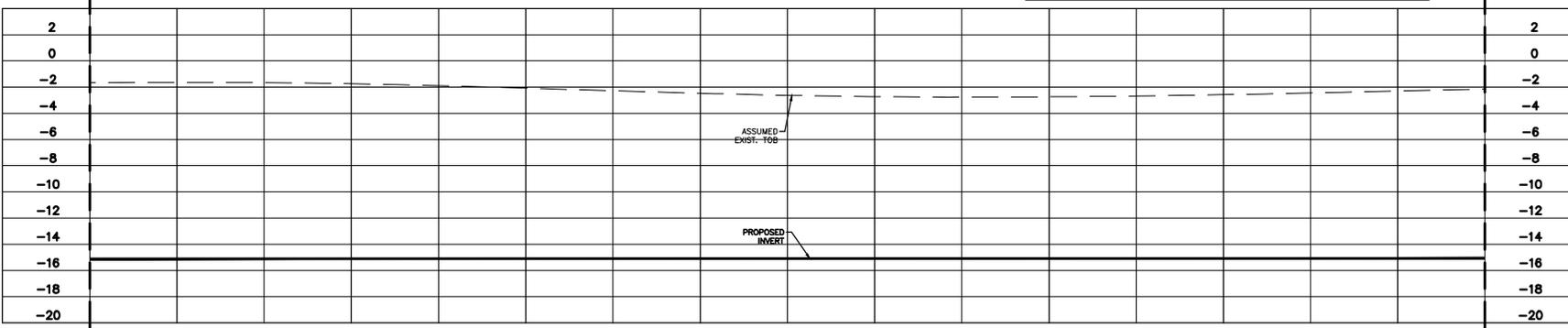
NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.



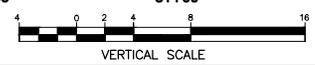
PLAN



PLAN LEGEND	
--- BASE LINE	▣ ACCESS ROAD
- - - RIGHT OF WAY	▣ SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)
- - - UTILITY SERVITUDE	
--- PROPOSED TOB	
--- PROPOSED TOE	



PROFILE



35%

MATCHLINE
STA 44+50

MATCHLINE
STA 52+00

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

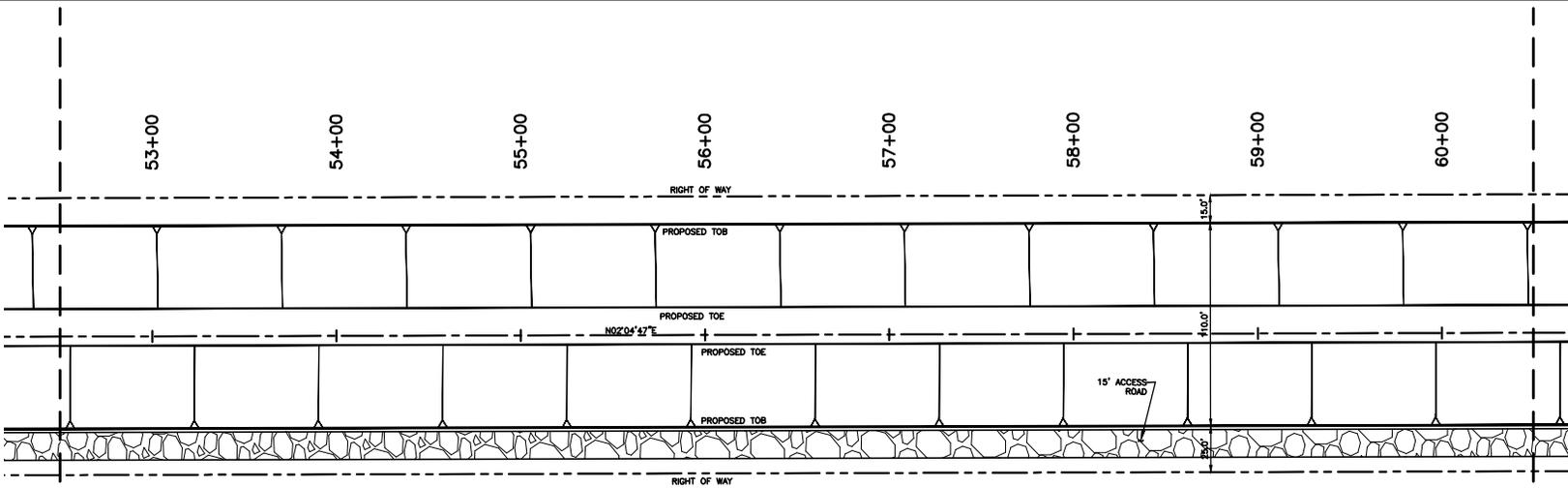
DESIGNED BY:	JAK
CHECKED BY:	CAF
DATE:	08/14
SCALE:	AS NOTED
JOB NO.:	8008-04-01-13

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

PLAN & PROFILE

SHEET NO.
C12

13 of 18



MATCHLINE
STA 52+50

NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.



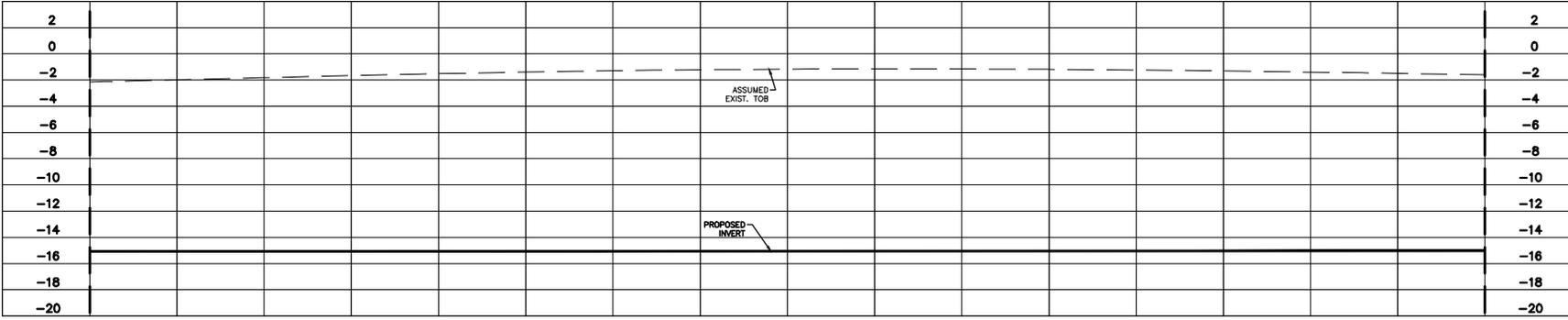
PLAN



PLAN LEGEND

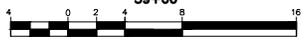
--- BASE LINE	ACCESS ROAD
- - - RIGHT OF WAY	SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)
--- UTILITY SERVITUDE	
--- PROPOSED TOB	
--- PROPOSED TOE	

MATCHLINE
STA 60+50



HORIZONTAL SCALE

PROFILE



VERTICAL SCALE

35%

**PRELIMINARY
NOT FOR
CONSTRUCTION**

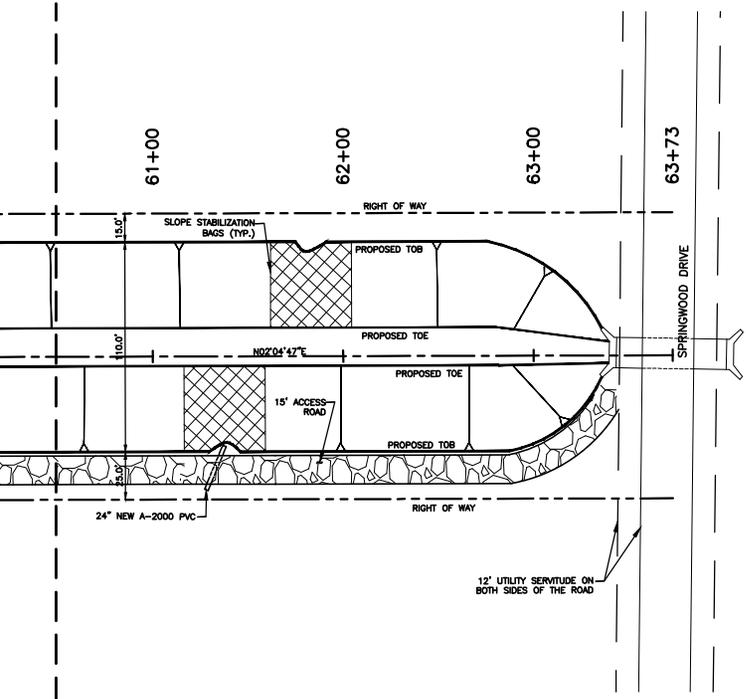


DESIGNED BY:	JAK
CHECKED BY:	CAF
DRAWN BY:	CB
DATE:	8/20/04

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

SHEET NO.
C13

14 OF 18



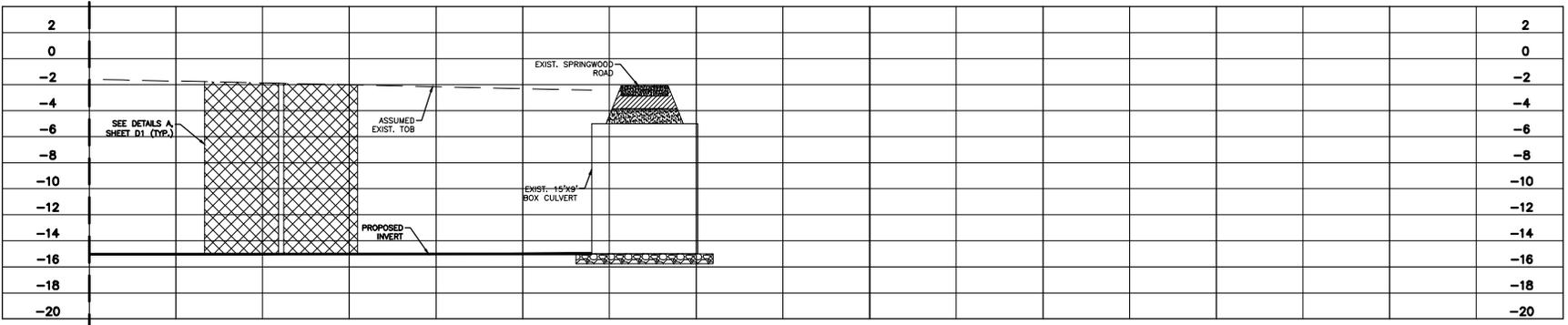
PLAN LEGEND

--- BASE LINE	▨ ACCESS ROAD
- - - RIGHT OF WAY	▩ SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)
--- UTILITY SERVITUDE	
--- PROPOSED TOB	
--- PROPOSED TOE	

MATCHLINE
STA 60+50

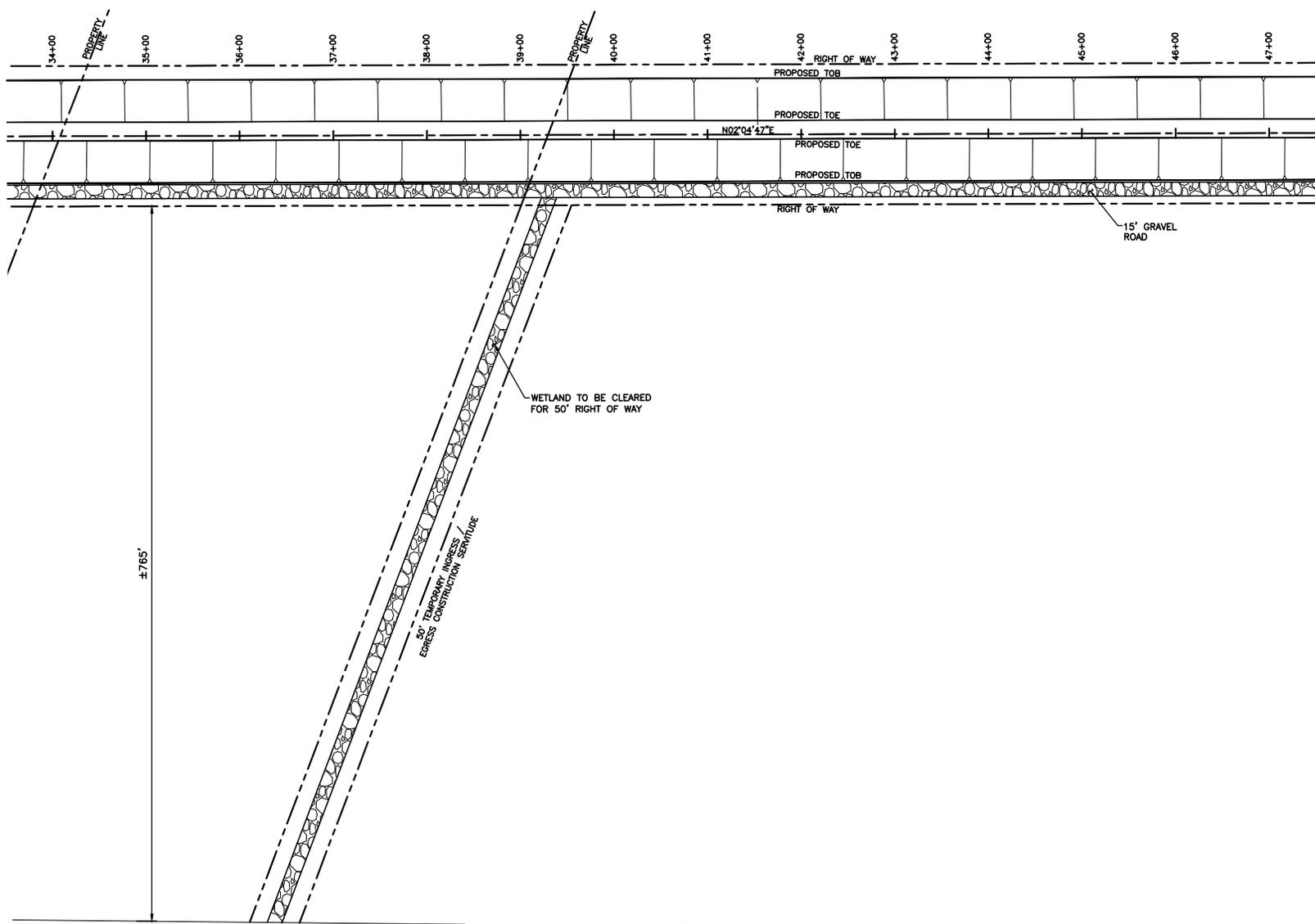
NOTE:
CONTRACTOR SHALL CLEAR AND REMOVE ALL TREES, SHRUBS,
AND BUSHES FROM RIGHT OF WAY BEFORE START OF EXCAVATION.

PLAN



PROFILE

35%



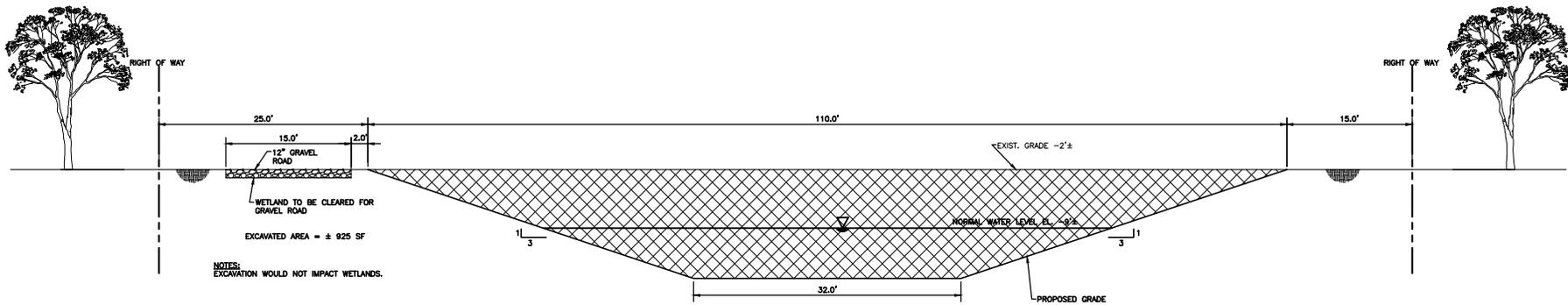
PLAN



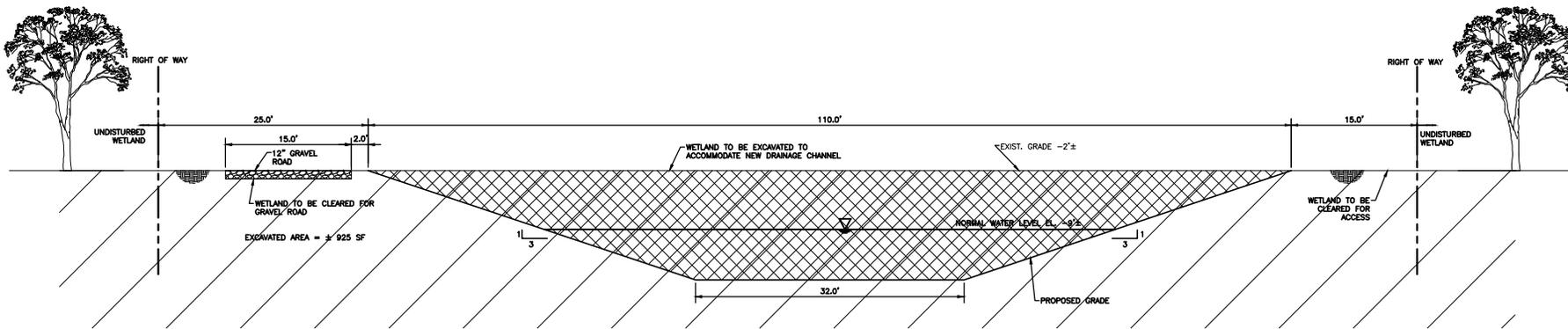
PLAN LEGEND	
—	BASE LINE
- - -	RIGHT OF WAY
—	PROPOSED TOB
—	PROPOSED TOE
	ACCESS ROAD
	SLOPE STABILIZATION BAGS (SEE DETAIL A, SHEET D1)

35%

STUART CONSULTING GROUP		PRELIMINARY NOT FOR CONSTRUCTION	
DATE	DESIGNED BY	OWNER	PROJECT NO.
Nov 14	JAK	AS NOTED	8006-04-01-13
SCALE	DRAWN BY	CR	CAF
AS NOTED			
NORTH-SOUTH CANAL BELLE CHASSE DRAINAGE PLAQUEMINES PARISH GOVERNMENT		PROPOSED 50' ROW	
SHEET NO.		C14	
		15 of 18	



TYPICAL CROSS SECTION (STA. 0+00 TO STA. 15+00)



TYPICAL WETLAND CROSS SECTION (STA. 15+00 TO STA. 59+00)

LEGEND:

	EXCAVATION
	ACCESS ROAD
	WETLANDS

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

DATE	DESIGNED BY
Nov 14	JAK
SCALE	DRAWN BY
AS NOTED	CB
JOB NO.	CHECKED BY
80016-04-01-13	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

CROSS SECTIONS

SHEET NO.
X1
16 OF 18

35%

**PRELIMINARY
NOT FOR
CONSTRUCTION**

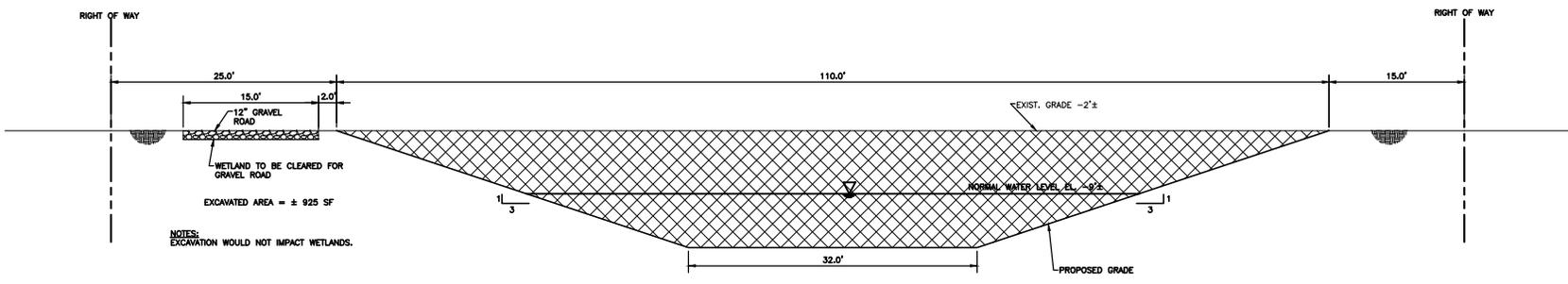
**STUART
CONSULTING
GROUP**

DATE	DESIGNED BY
Nov 14	JAK
SCALE	DRAWN BY
AS NOTED	CB
JOB NO.	CHECKED BY
S0016-04-01-13	CAF

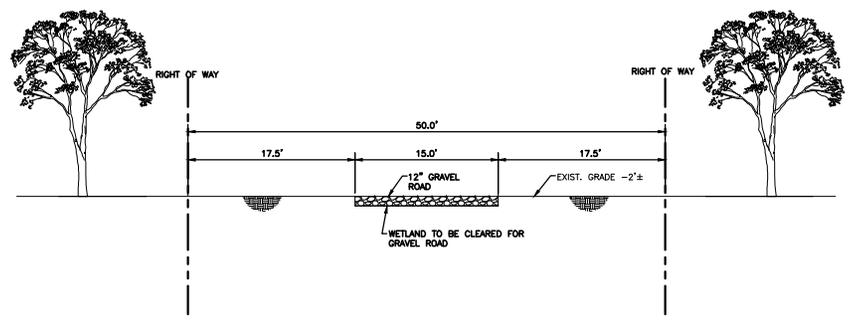
NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

SHEET NO.
X2

17 of 18



TYPICAL CROSS SECTION (STA. 59+00 TO STA. 63+73)

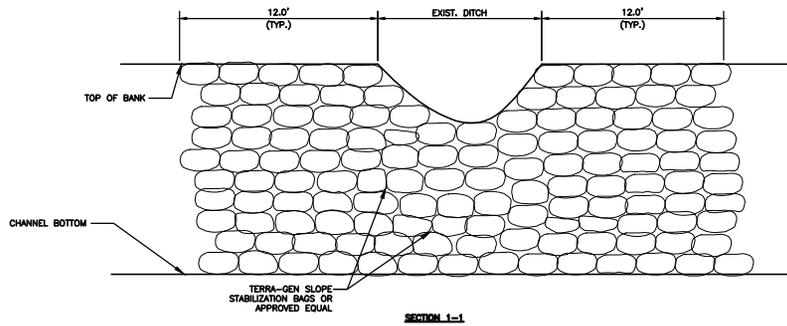
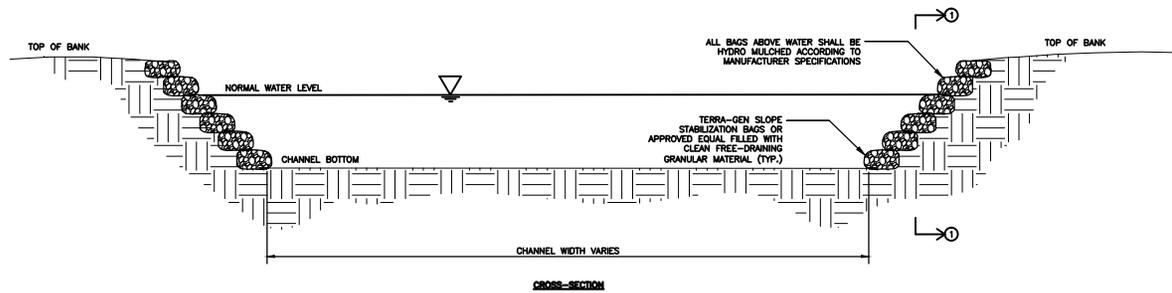


**TYPICAL CROSS SECTION FOR 50' TEMPORARY
INGRESS/EGRESS CONSTRUCTION SERVITUDE**

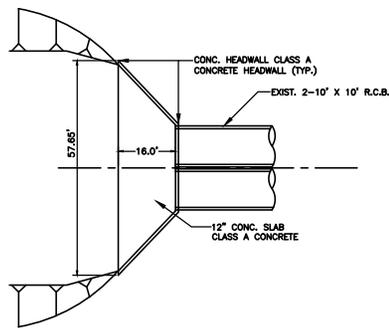
LEGEND:

	EXCAVATION
	ACCESS ROAD
	WETLANDS

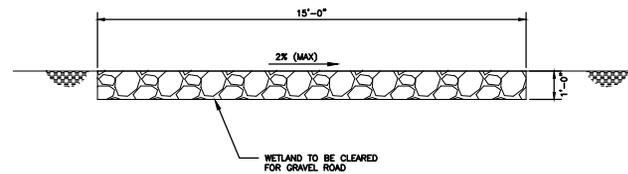
35%



A SLOPE STABILIZATION BAGS
NOT TO SCALE



B HEADWALL PLAN
NOT TO SCALE



C GRAVEL ROAD CROSS-SECTION
NOT TO SCALE

**PRELIMINARY
NOT FOR
CONSTRUCTION**

**STUART
CONSULTING
GROUP**

DATE	NOV 14	DESIGNED BY	JAK
SCALE	AS NOTED	DRAWN BY	CB
JOB NO.	8008-04-01-13	CHECKED BY	CAF

NORTH-SOUTH CANAL
BELLE CHASSE DRAINAGE
PLAQUEMINES PARISH GOVERNMENT

DETAILS

SHEET NO. D1

35%

18 OF 18