

JOINT PUBLIC NOTICE

February 10, 2014

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

(504) 862-1301
Project Manager
Neil T. Gauthier
Neil.T.Gauthier@USACE.army.mil
MVN 2012-02769-CM

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

(225) 219-3225
Project Manager
Elizabeth Johnson
WQC Application Number
140204-02

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.

RE-GRADING WITH THE PLACEMENT OF FILL AND CULVERTS FOR DRAINAGE IMPROVEMENTS

NAME OF APPLICANT: Lafourche Parish Government, c/o T. Baker Smith, LLC, P.O. Box 2266, Houma, Louisiana 70361.

LOCATION OF WORK: Section 17 and 60, T15S-R16E, approximately 2.6 miles southwest of Thibodaux, Louisiana, in Lafourche Parish, within the West Central Louisiana Coastal hydrologic unit (HUC 08090302), as shown on the attached drawings.

CHARACTER OF WORK: The applicant has requested Department of the Army authorization to re-grade and widen existing drainage ditches and haul approximately 13,850-cubic yards of excess material offsite for disposal. The applicant will then deposit approximately 9,400-cubic yards of concrete, gravel, rock, and sand for reshaping, bank line stability, and to facilitate the installation of 28 culverts in varying size from 1.5-feet to 5.4-feet in diameter. All work will be performed within and temporarily impact, approximately 5.5 acres of jurisdictional "waters of the U.S". No wetlands will be impacted as a result of this project.

The applicant has designed the project to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. No wetlands will be impacted and therefore no mitigation was proposed.

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, 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 up to 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.

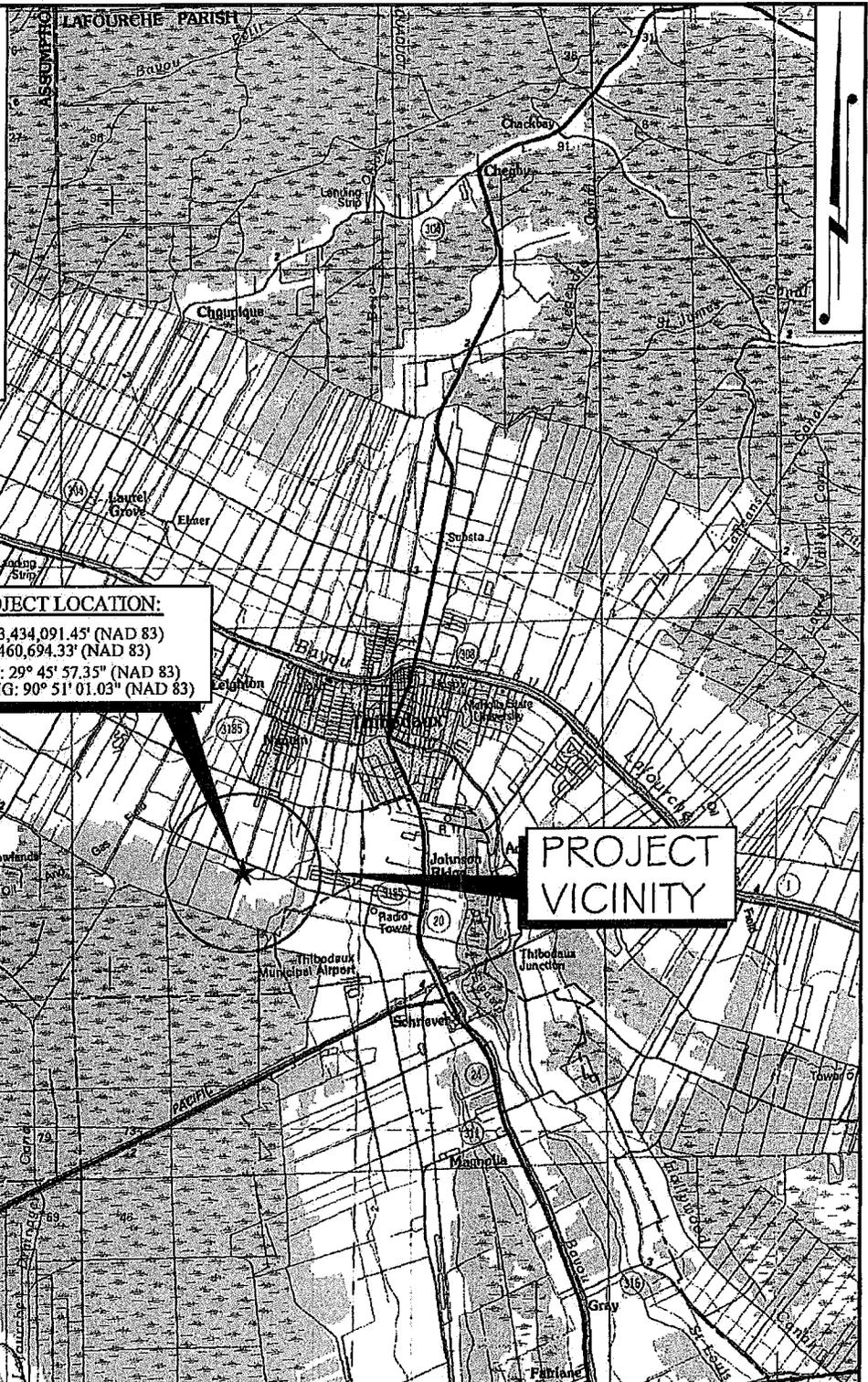
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

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

JOHN M. HERMAN
Chief, Central Evaluation Section
Regulatory Branch

Enclosures



PROJECT LOCATION:
 X = 3,434,091.45' (NAD 83)
 Y = 460,694.33' (NAD 83)
 LAT: 29° 45' 57.35" (NAD 83)
 LONG: 90° 51' 01.03" (NAD 83)

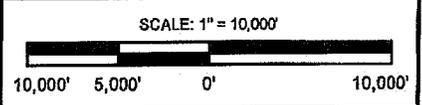
PROJECT VICINITY

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

DRAWN BY: SPM	APPROVED BY: ESH
DATE: 10/26/2012	JOB NO: 2011.0517
DRAWING NAME: 11.0517P-1.DWG	
SHEET NO: 1 OF 22	
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

VICINITY MAP

LAFORCHE PARISH GOVERNMENT
 PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA



T. BAKER SMITH 1918
 A CENTURY OF SOLUTIONS 2013
 412 South Van Ave., Houma, LA 70363
 (985)868-1050 - tbsnllh.com

REV. NO: 02	REV. DATE: 12/26/2013	REV. BY: SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.		

12/27/2013 - P:\Y-2011\2011.0517\DWG\ENV\11.0517P-1.DWG

MHW = -1.0'
MLW = -2.0'

P.O.B. / BEGIN PROPOSED
DITCH RE-GRADE
X = 3,434,091.45' (NAD 83)
Y = 460,694.33' (NAD 83)
LAT = 29° 45' 57.35" (NAD 83)
LONG = 90° 51' 01.03" (NAD 83)

PROPOSED RE-GRADE
(18± YDS³/ 0.01± ACRES)

PROPOSED RE-GRADE
(414± YDS³/ 0.26± ACRES)

PROPOSED RE-GRADE
(230± YDS³/ 0.14± ACRES)

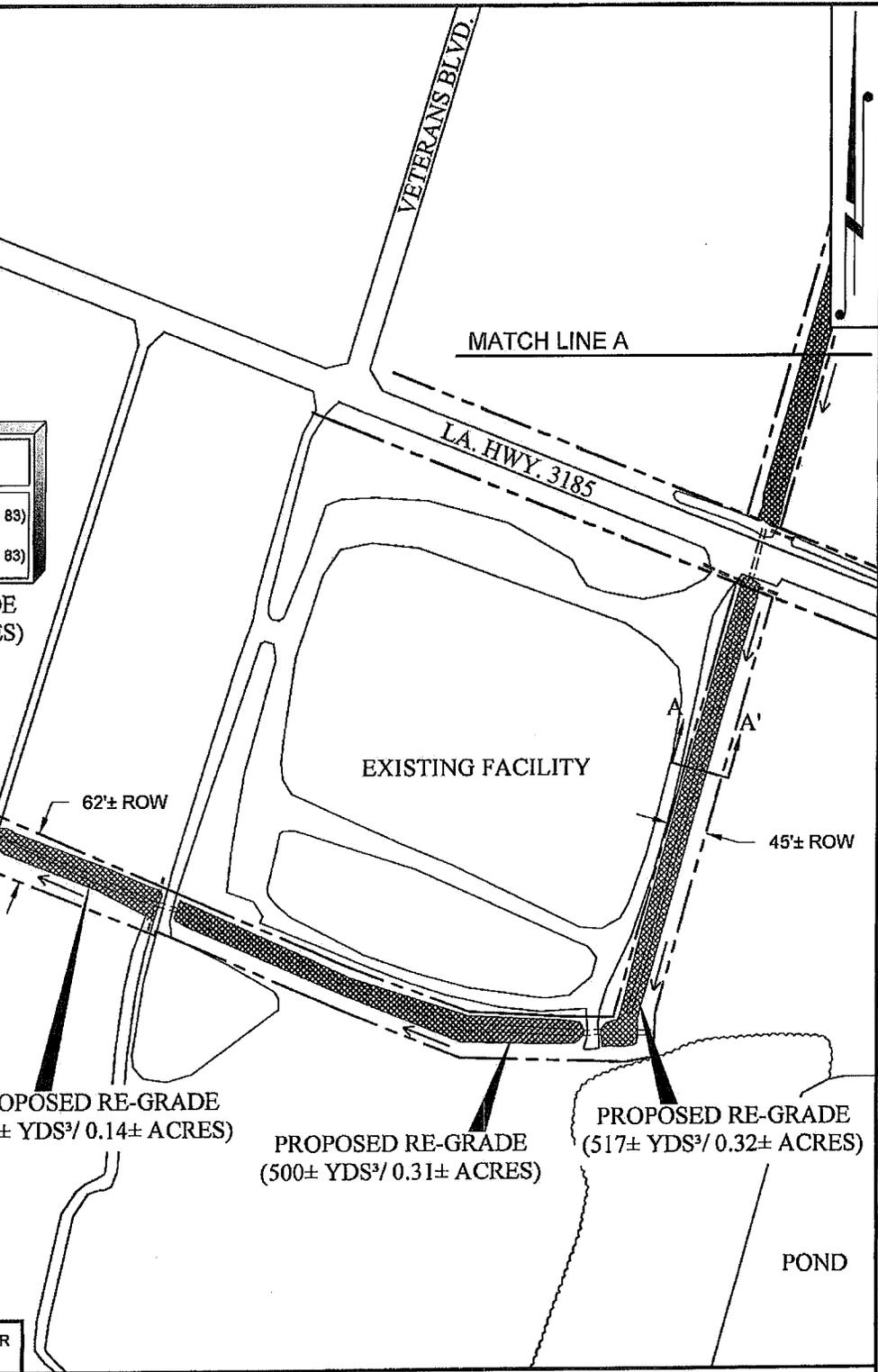
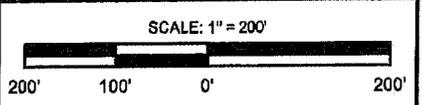
PROPOSED RE-GRADE
(500± YDS³/ 0.31± ACRES)

PROPOSED RE-GRADE
(517± YDS³/ 0.32± ACRES)

LEGEND:
→ DENOTES DRAINAGE FLOW

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

DRAWN BY: SPM	APPROVED BY: ESH
DATE: 10/23/2012	JOB NO: 2011.0517
DRAWING NAME: 11.0517P-2REV.DWG	
SHEET NO: 2 OF 22	
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	



PLAN VIEW

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

T. BAKER SMITH 1018
A CENTURY OF SOLUTIONS 2018
412 South Van Ave, Houma, LA 70363
(985)868-1050 - tbsmith.com

REV. NO: 02	REV. DATE: 12/26/2013	REV. BY: SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.		

1/16/2014 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2REV.DWG

MHW = -1.0'
MLW = -2.0'

MATCH LINE B

PROPOSED RE-GRADE
(1,532± YDS³/ 0.95± ACRES)

40'± ROW

VETERANS BLVD.

TIGER DR.

MATCH LINE A

L.A. HWY. 3185

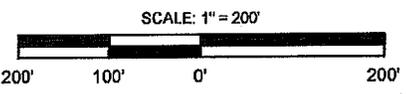
LEGEND:
→ DENOTES DRAINAGE FLOW

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

DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO.:	2011.0517
DRAWING NAME:	11.0517P-2REV.DWG		
SHEET NO.:	3	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA



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

REV. NO.:	02	REV. DATE:	12/26/2013	REV. BY:	SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.					

12/27/2013 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2REV.DWG

MHW = -1.0'
MLW = -2.0'

MATCH LINE C

VETERANS BLVD.

B
B'

PROPOSED RE-GRADE
(1,532± YDS²/ 0.95± ACRES)

40'± ROW

TIGER DR.

MATCH LINE B

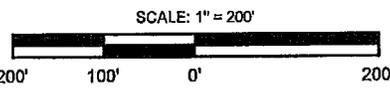
LEGEND:
→ DENOTES DRAINAGE FLOW

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

DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO.:	2011.0517
DRAWING NAME:	11.0517P-2REV.DWG		
SHEET NO.:	4	OF	22
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

PLAN VIEW

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA



TBS
T. BAKER SMITH | 1913
A CENTURY OF SOLUTIONS | 2013
412 South Van Ave., Houma, LA 70363
(905)068-1050 - tbsmith.com

REV. NO.:	02	REV. DATE:	12/26/2013	REV. BY:	SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.					

12/27/2013 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2REV.DWG

MHW = -1.0'
MLW = -2.0'

MATCH LINE D

BEGIN PROPOSED
DITCH RE-GRADE
X = 3,436,787.02' (NAD 83)
Y = 464,899.25' (NAD 83)
LAT = 29° 46' 38.86"
LONG = 90° 50' 30.24"

END PROPOSED
CULVERT INSTALLATION
X = 3,436,809.79' (NAD 83)
Y = 464,875.44' (NAD 83)
LAT = 29° 46' 38.62"
LONG = 90° 50' 29.98"

BEGIN PROPOSED
CULVERT INSTALLATION
X = 3,436,559.89' (NAD 83)
Y = 464,962.92' (NAD 83)
LAT = 29° 46' 39.50"
LONG = 90° 50' 32.82"

END PROPOSED
DITCH RE-GRADE- 5,987'±
X = 3,436,559.69' (NAD 83)
Y = 464,930.91' (NAD 83)
LAT = 29° 46' 39.18"
LONG = 90° 50' 32.82"

PROPOSED 5' CULVERT
(564± YDS²/ 0.10± ACRES)

PROPOSED RIP RAP
(13± YDS²/ 0.01± ACRES)

PROPOSED RE-GRADE
(1,532± YDS²/ 0.95± ACRES)

40± ROW

VETERANS BLVD.

S. BARBIER AVE.

TALBOT AVE.

TIGER DR.

TIGER DR.

LEGEND:
→ DENOTES DRAINAGE FLOW

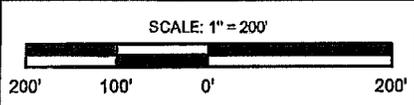
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MATCH LINE C

PLAN VIEW

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO.:	2011.0517
DRAWING NAME:	11.0517P-2REV.DWG		
SHEET NO.:	5	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



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

REV. NO.:	02	REV. DATE:	12/26/2013	REV. BY:	SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.					

12/27/2013 - P:\Y-2011\2011.0517\DWG\ENV\11.0517P-2REV.DWG

MHW = -1.0'
MLW = -2.0'

MATCH LINE E

PROPOSED RE-GRADE
(616± YDS³/ 0.38± ACRES)

BOBBY ST.

S. BARBIER AVE.

SUGAR CANE WAY

RIBBON CANE RD.

PROPOSED RE-GRADE
(849± YDS³/ 0.53± ACRES)

SUCRE LN.

TIGER DR.

C C

60± ROW

LEGEND:

→ DENOTES DRAINAGE FLOW

MATCH LINE D

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR
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DRAWN BY: SPM APPROVED BY: ESH

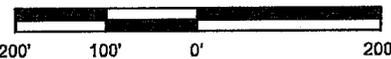
DATE: 10/23/2012 JOB NO: 2011.0517

DRAWING NAME: 11.0517P-2REV.DWG

SHEET NO: 6 OF 22

PROJECTION: PROJECTION
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

SCALE: 1" = 200'



T. BAKER SMITH 1018
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REV. NO: 02 REV. DATE: 12/26/2013 REV. BY: SPM

REVISION DESCRIPTION:
ADDITIONAL INFORMATION.

PLAN VIEW

LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

12/27/2013 - P:\Y-2011\2011.0517\DWG\ENVV11.0517P-2REV.DWG

MHW = -1.0'
MLW = -2.0'

MATCH LINE F

PELICAN ST.
S. BARBIER AVE.
TIGER DR.PLANTATION RD.
EAGLE DR.

END PROPOSED CULVERT
INSTALLATION/BEGIN
PROPOSED DITCH WIDENING
X = 3,437,428.79' (NAD 83)
Y = 467,472.05' (NAD 83)
LAT = 29° 47' 4.30"
LONG = 90° 50' 22.83"

PROPOSED EXCAVATION
(3,219± YDS³/ 0.92± ACRES)

PROPOSED RIP RAP
(24± YDS³/ 0.01± ACRES)

PROPOSED RIP RAP
(25± YDS³/ 0.01± ACRES)

PROPOSED 4.76' CULVERTS (2)
(324± YDS³/ 0.03± ACRES)

END PROPOSED DITCH
RE-GRADE/BEGIN PROPOSED
CULVERT INSTALLATION
X = 3,437,416.65' (NAD 83)
Y = 467,434.04' (NAD 83)
LAT = 29° 47' 3.93"
LONG = 90° 50' 22.97"

PROPOSED RE-GRADE
(616± YDS³/ 0.38± ACRES)

LEGEND:
→ DENOTES DRAINAGE FLOW

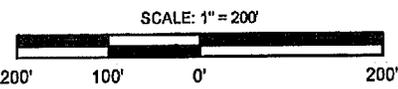
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MATCH LINE E

DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO:	2011.0517
DRAWING NAME:	11.0517P-2REV.DWG		
SHEET NO:	7	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA



T. BAKER SMITH 1018
A CENTURY OF SOLUTIONS 2013
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REV. NO:	02	REV. DATE:	12/26/2013	REV. BY:	SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.					

12/27/2013 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2REV.DWG

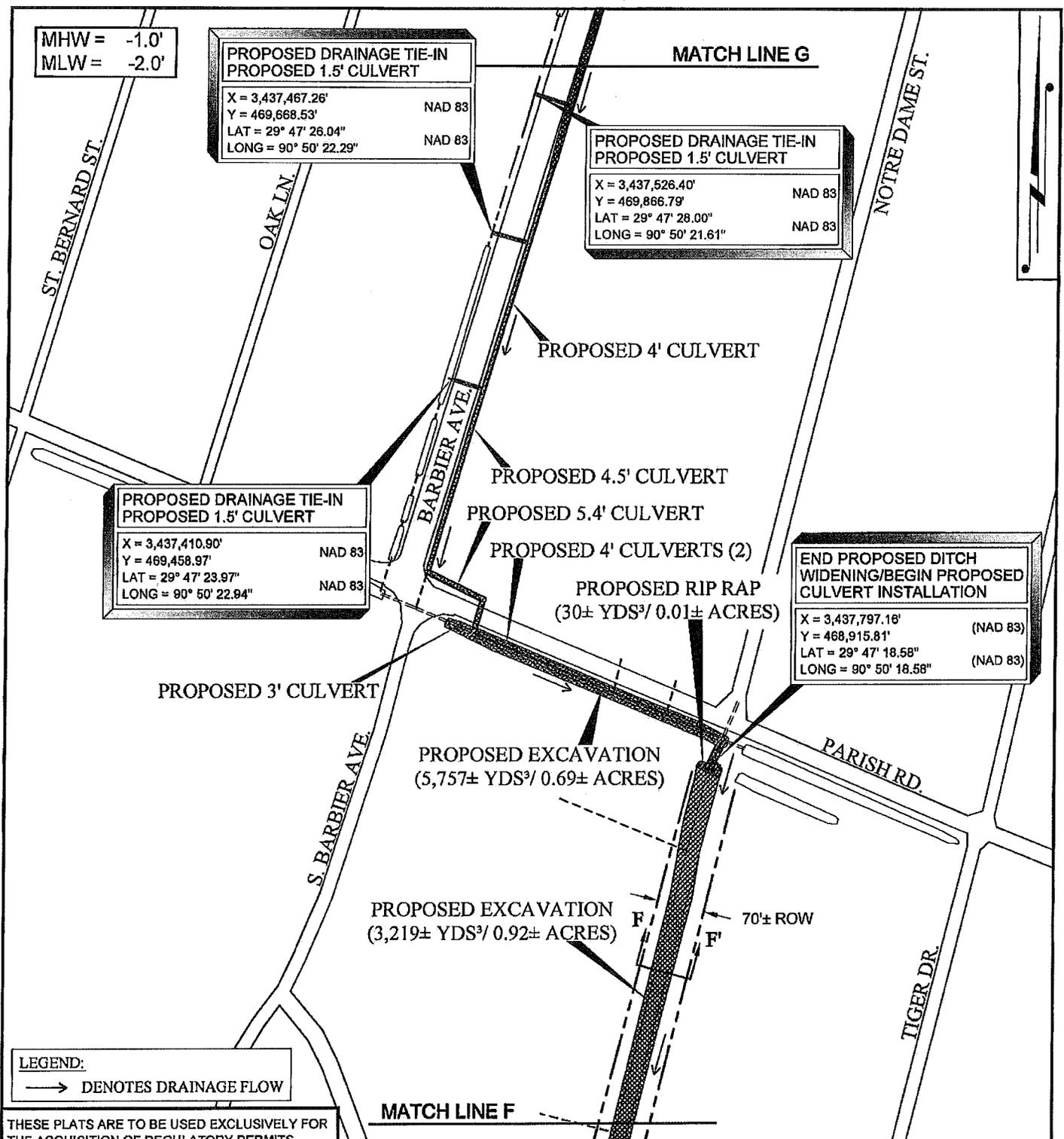
MHW = -1.0'
MLW = -2.0'

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,467.26' NAD 83
Y = 469,668.53' NAD 83
LAT = 29° 47' 26.04" NAD 83
LONG = 90° 50' 22.29" NAD 83

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,526.40' NAD 83
Y = 469,866.79' NAD 83
LAT = 29° 47' 28.00" NAD 83
LONG = 90° 50' 21.61" NAD 83

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,410.90' NAD 83
Y = 469,458.97' NAD 83
LAT = 29° 47' 23.97" NAD 83
LONG = 90° 50' 22.94" NAD 83

END PROPOSED DITCH
WIDENING/BEGIN PROPOSED
CULVERT INSTALLATION
X = 3,437,797.16' (NAD 83)
Y = 468,915.81' (NAD 83)
LAT = 29° 47' 18.58" (NAD 83)
LONG = 90° 50' 18.58" (NAD 83)



LEGEND:
→ DENOTES DRAINAGE FLOW

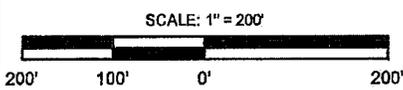
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DRAWN BY: SPM	APPROVED BY: ESH
DATE: 10/23/2012	JOB NO: 2011.0517
DRAWING NAME: 11.0517P-2REV.DWG	
SHEET NO: 8	OF 22
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

MATCH LINE F

PLAN VIEW

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA



T. BAKER SMITH 1013
A CENTURY OF SOLUTIONS 2013
412 South Van Ave, Houma, LA 70363
(985)868-1050 - tbsmilli.com

REV. NO: 02	REV. DATE: 12/26/2013	REV. BY: SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.		

1/16/2014 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2REV.DWG

MHW = -1.0'
MLW = -2.0'

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,814.24' NAD 83
Y = 470,853.57' NAD 83
LAT = 29° 47' 37.76" NAD 83
LONG = 90° 50' 18.29" NAD 83

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,879.90' NAD 83
Y = 471,050.42' NAD 83
LAT = 29° 47' 39.71" NAD 83
LONG = 90° 50' 17.54" NAD 83

PROPOSED 2.5' CULVERT

PROPOSED 3' CULVERT

MATCH LINE H

PROPOSED 3.5' CULVERT

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,645.63' NAD 83
Y = 470,286.86' NAD 83
LAT = 29° 47' 32.16" NAD 83
LONG = 90° 50' 20.23" NAD 83

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,766.83' NAD 83
Y = 470,677.05' NAD 83
LAT = 29° 47' 36.02" NAD 83
LONG = 90° 50' 18.84" NAD 83

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,594.97' NAD 83
Y = 470,075.60' NAD 83
LAT = 29° 47' 30.07" NAD 83
LONG = 90° 50' 20.82" NAD 83

BARBIER AVE.

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,709.43' NAD 83
Y = 470,489.82' NAD 83
LAT = 29° 47' 34.16" NAD 83
LONG = 90° 50' 19.50" NAD 83

GILBERT DR.

PROPOSED 4' CULVERT

PROPOSED CULVERT
(5,757± YDS²/ 0.69± ACRES)

CEDAR ST.

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,467.26' NAD 83
Y = 469,668.53' NAD 83
LAT = 29° 47' 26.04" NAD 83
LONG = 90° 50' 22.29" NAD 83

MATCH LINE G

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,526.40' NAD 83
Y = 469,866.79' NAD 83
LAT = 29° 47' 28.00" NAD 83
LONG = 90° 50' 21.61" NAD 83

LEGEND:
→ DENOTES DRAINAGE FLOW

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

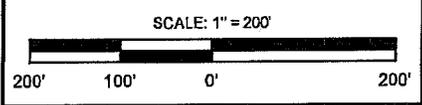
12/27/2013 - P:\Y-2011\2011.0517\DWG\ENVU11.0517P-2REV.DWG

DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO.:	2011.0517
DRAWING NAME:	11.0517P-2REV.DWG		
SHEET NO.:	9	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83		
VERT. DATUM:	NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW

LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

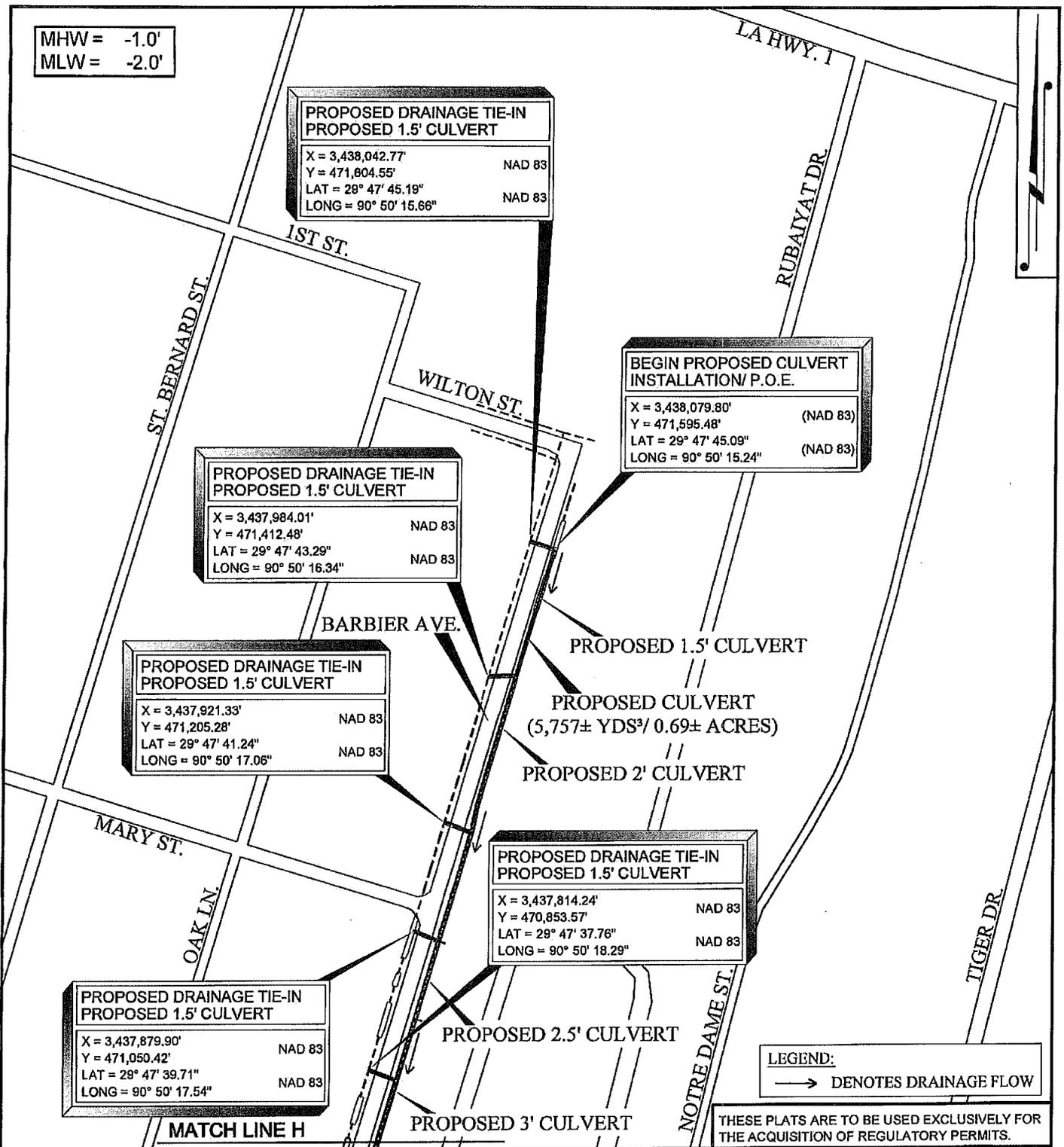


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1018
2013

REV. NO.:	01	REV. DATE:	10/21/2013	REV. BY:	SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.					

MHW = -1.0'
MLW = -2.0'



PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,879.90' NAD 83
Y = 471,050.42' NAD 83
LAT = 29° 47' 39.71" NAD 83
LONG = 90° 50' 17.54"

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,921.33' NAD 83
Y = 471,205.28' NAD 83
LAT = 29° 47' 41.24" NAD 83
LONG = 90° 50' 17.06"

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,984.01' NAD 83
Y = 471,412.48' NAD 83
LAT = 29° 47' 43.29" NAD 83
LONG = 90° 50' 16.34"

PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,438,042.77' NAD 83
Y = 471,604.55' NAD 83
LAT = 29° 47' 45.19" NAD 83
LONG = 90° 50' 15.66"

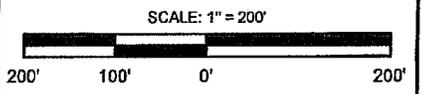
PROPOSED DRAINAGE TIE-IN
PROPOSED 1.5' CULVERT
X = 3,437,814.24' NAD 83
Y = 470,853.57' NAD 83
LAT = 29° 47' 37.76" NAD 83
LONG = 90° 50' 18.29"

BEGIN PROPOSED CULVERT
INSTALLATION/ P.O.E.
X = 3,438,079.80' (NAD 83)
Y = 471,595.48' (NAD 83)
LAT = 29° 47' 45.09" (NAD 83)
LONG = 90° 50' 15.24" (NAD 83)

LEGEND:
→ DENOTES DRAINAGE FLOW

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DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO:	2011.0517
DRAWING NAME:	11.0517P-2REV.DWG		
SHEET NO:	10	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



PLAN VIEW
LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

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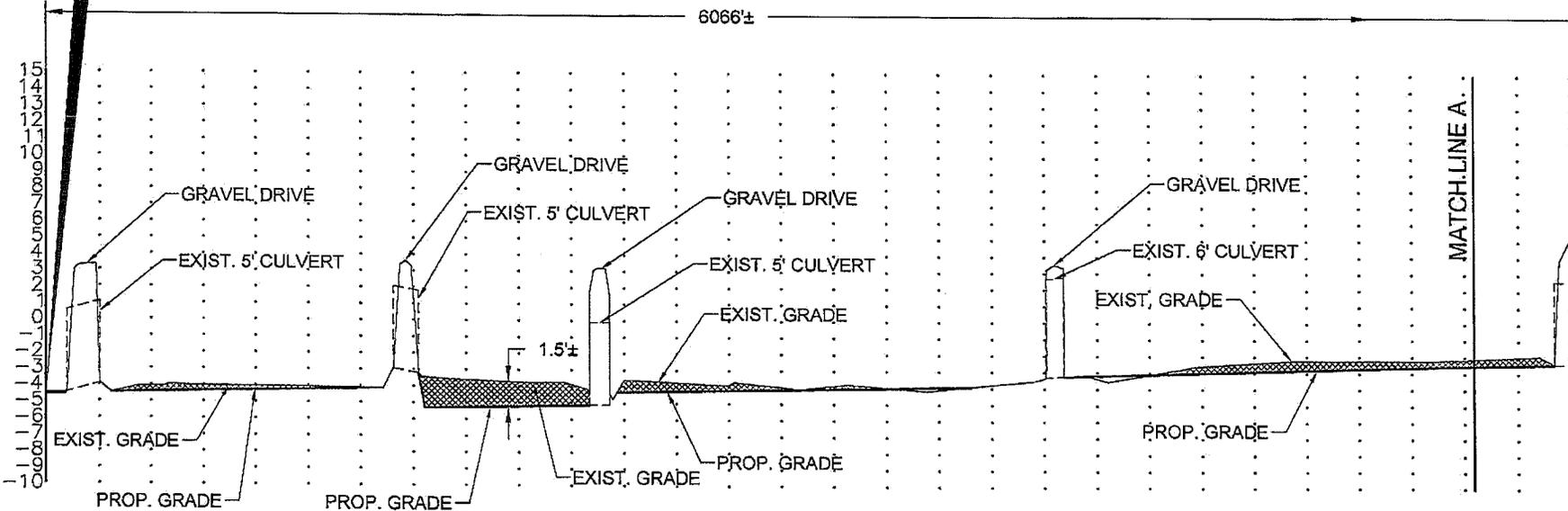
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REVISION DESCRIPTION: ADDITIONAL INFORMATION.					

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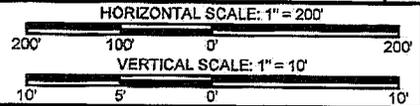
P.O.B./ BEGIN PROPOSED
DITCH RE-GRADE

X = 3,434,091.45'
Y = 460,694.33' (NAD 83)

LAT = 29° 45' 57.35"
LONG = 90° 51' 01.03" (NAD 83)



THESE PLATS ARE TO BE USED EXCLUSIVELY FOR
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DRAWN BY: SPM APPROVED BY: ESH

DATE: 10/23/2012 JOB NO: 2011.0517

DRAWING NAME: 11.0517P-2.DWG

SHEET NO: 11 OF 22

PROJECTION: PROJECTION
GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
GRID UNITS: US SURVEY FEET

REVISION DESCRIPTION:
ADDITIONAL INFORMATION.

REV. NO: 01 REV. DATE: 10/21/2013 REV. BY: SPM

PROFILE VIEW

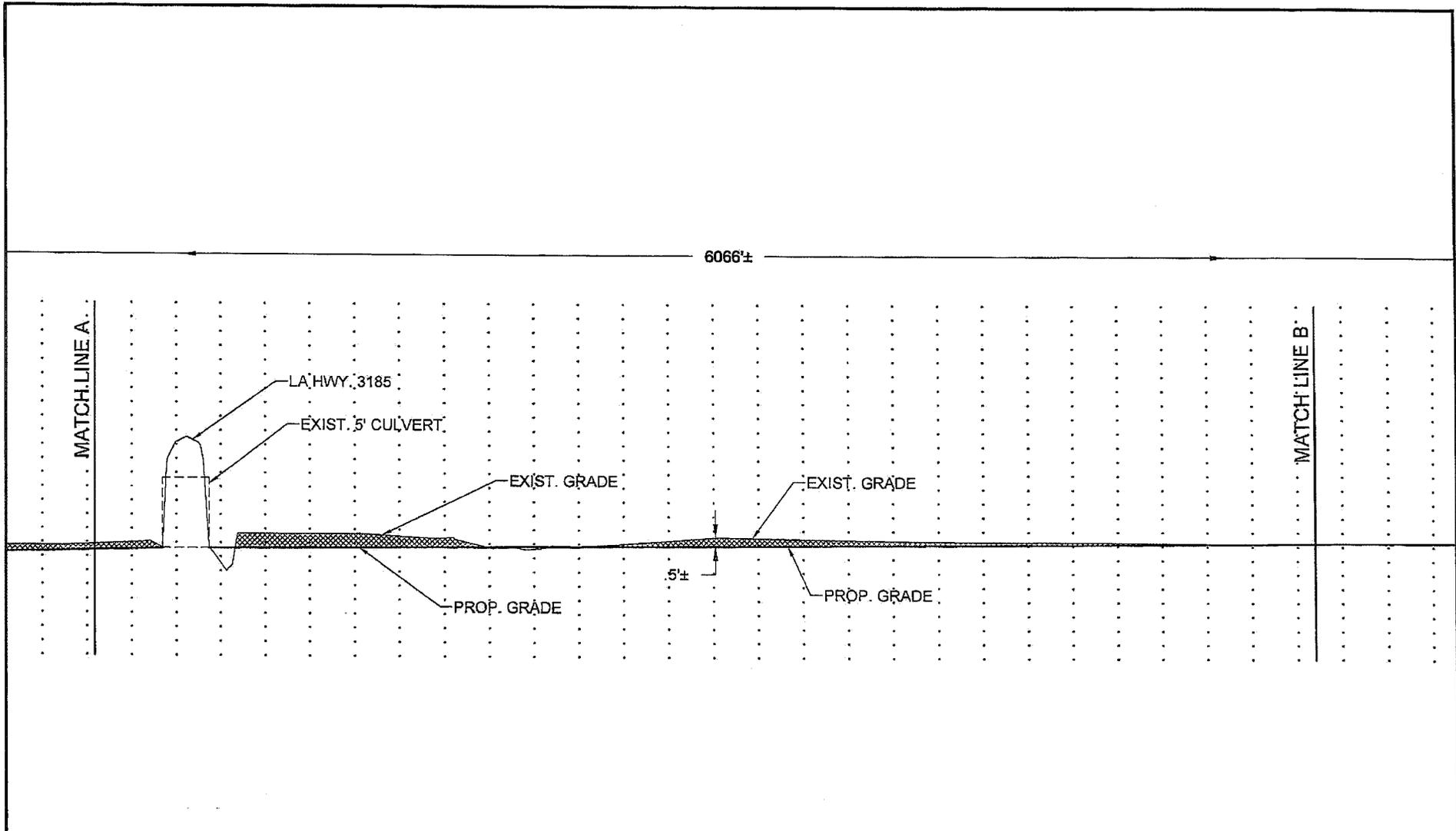
LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

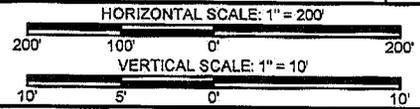
10/21/2013 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2.DWG



10/21/2013 - P:\Y-2011\2011.0517P-2.DWG



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



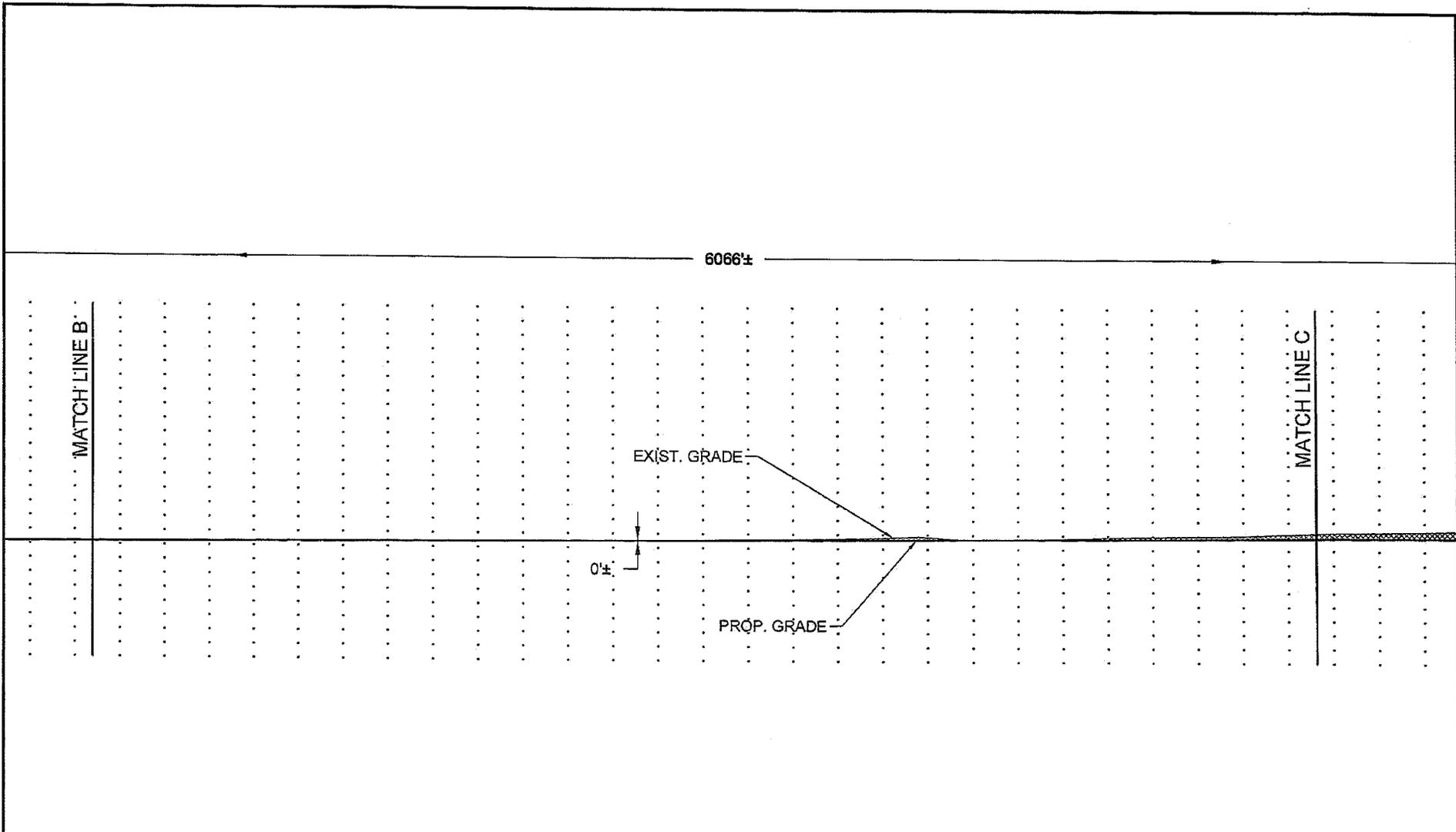
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DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO:	2011.0517
DRAWING NAME:	11.0517P-2.DWG		
SHEET NO:	12	OF	22
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REVISION DESCRIPTION: ADDITIONAL INFORMATION.			

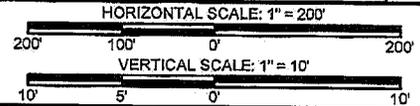
REV. NO:	01	REV. DATE:	10/21/2013	REV. BY:	SPM
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PROFILE VIEW
LAFORCHE PARISH GOVERNMENT
 PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA

10/21/2013 - P:\Y-2011\2011.0517\DWG\ENV11.0517P-2.DWG



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DATE: 10/23/2012 JOB NO: 2011.0517

DRAWING NAME: 11.0517P-2.DWG

SHEET NO: 13 OF 22

PROJECTION: PROJECTION
 GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
 GRID UNITS: US SURVEY FEET

REV. NO: 01 REV. DATE: 10/21/2013 REV. BY: SPM

REVISION DESCRIPTION:
 ADDITIONAL INFORMATION.

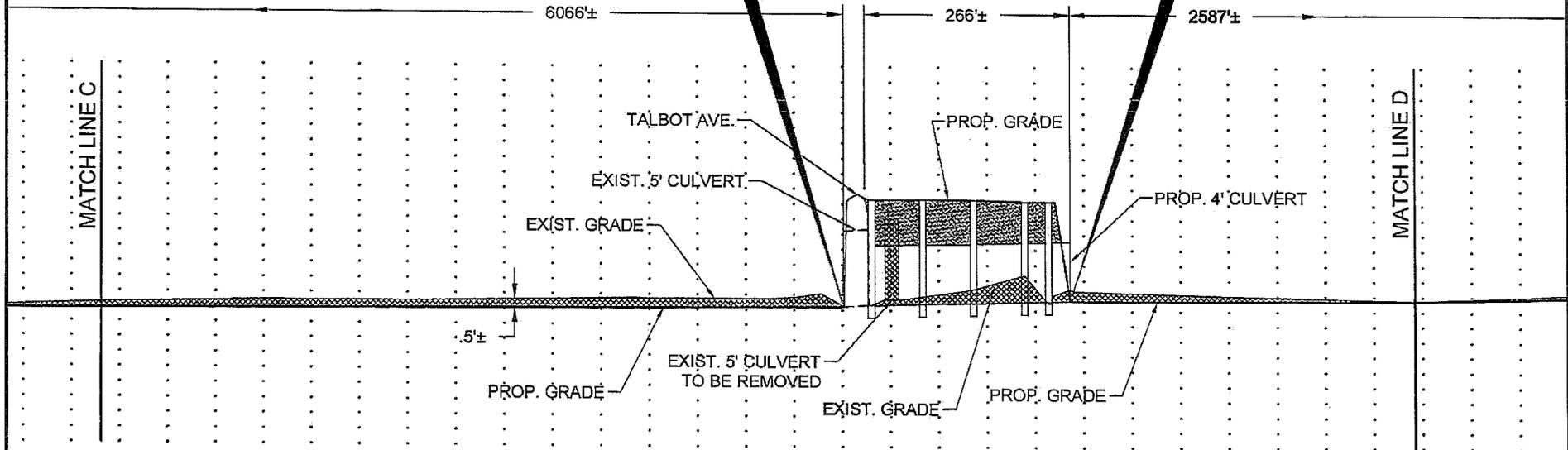
PROFILE VIEW

LAFORCHE PARISH GOVERNMENT

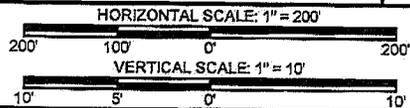
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA

**END PROPOSED
DITCH RE-GRADE**
 X = 3,436,559.69' (NAD 83)
 Y = 464,930.91' (NAD 83)
 LAT = 29° 46' 39.18" (NAD 83)
 LONG = 90° 50' 32.82" (NAD 83)

**BEGIN PROPOSED
DITCH RE-GRADE**
 X = 3,436,787.02' (NAD 83)
 Y = 464,899.25' (NAD 83)
 LAT = 29° 46' 38.86" (NAD 83)
 LONG = 90° 50' 30.24" (NAD 83)



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



DRAWN BY: SPM APPROVED BY: ESH
 DATE: 10/23/2012 JOB NO: 2011.0517
 DRAWING NAME: 11.0517P-2.DWG



SHEET NO: 14 OF 22
 PROJECTION: PROJECTION
 GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
 GRID UNITS: US SURVEY FEET

REV. NO: 01 REV. DATE: 10/21/2013 REV. BY: SPM

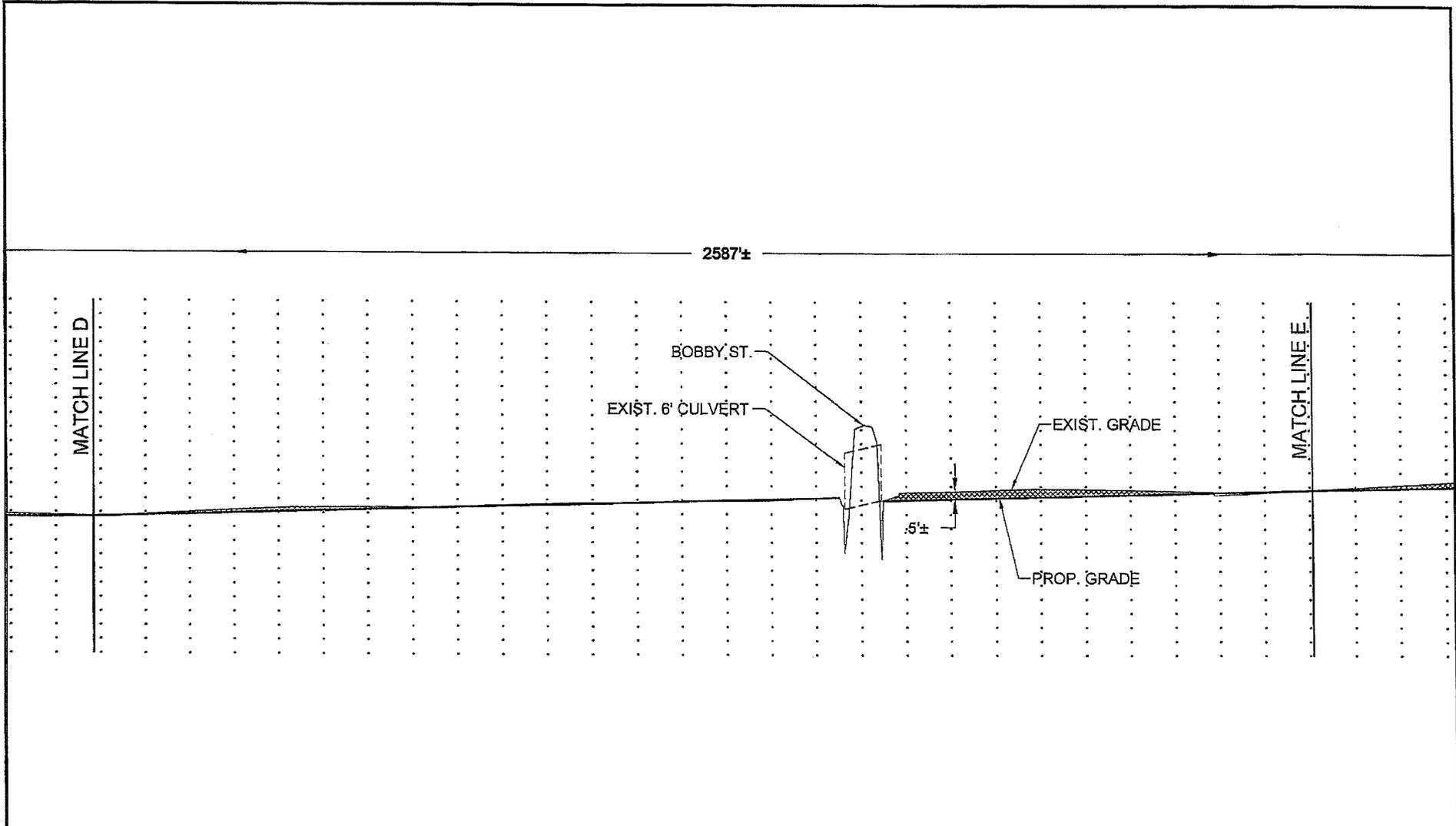
REVISION DESCRIPTION:
ADDITIONAL INFORMATION.

PROFILE VIEW

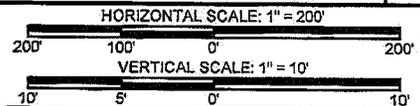
LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA

10/21/2013 - P:\Y-2011\2011.0517\DWG\ENVT11.0517P-2.DWG



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



DRAWN BY: SPM		APPROVED BY: ESH	
DATE: 10/23/2012		JOB NO: 2011.0517	
DRAWING NAME: 11.0517P-2.DWG			
SHEET NO: 15 OF 22			
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			
REV. NO: 01	REV. DATE: 10/21/2013	REV. BY: SPM	REVISION DESCRIPTION: ADDITIONAL INFORMATION.

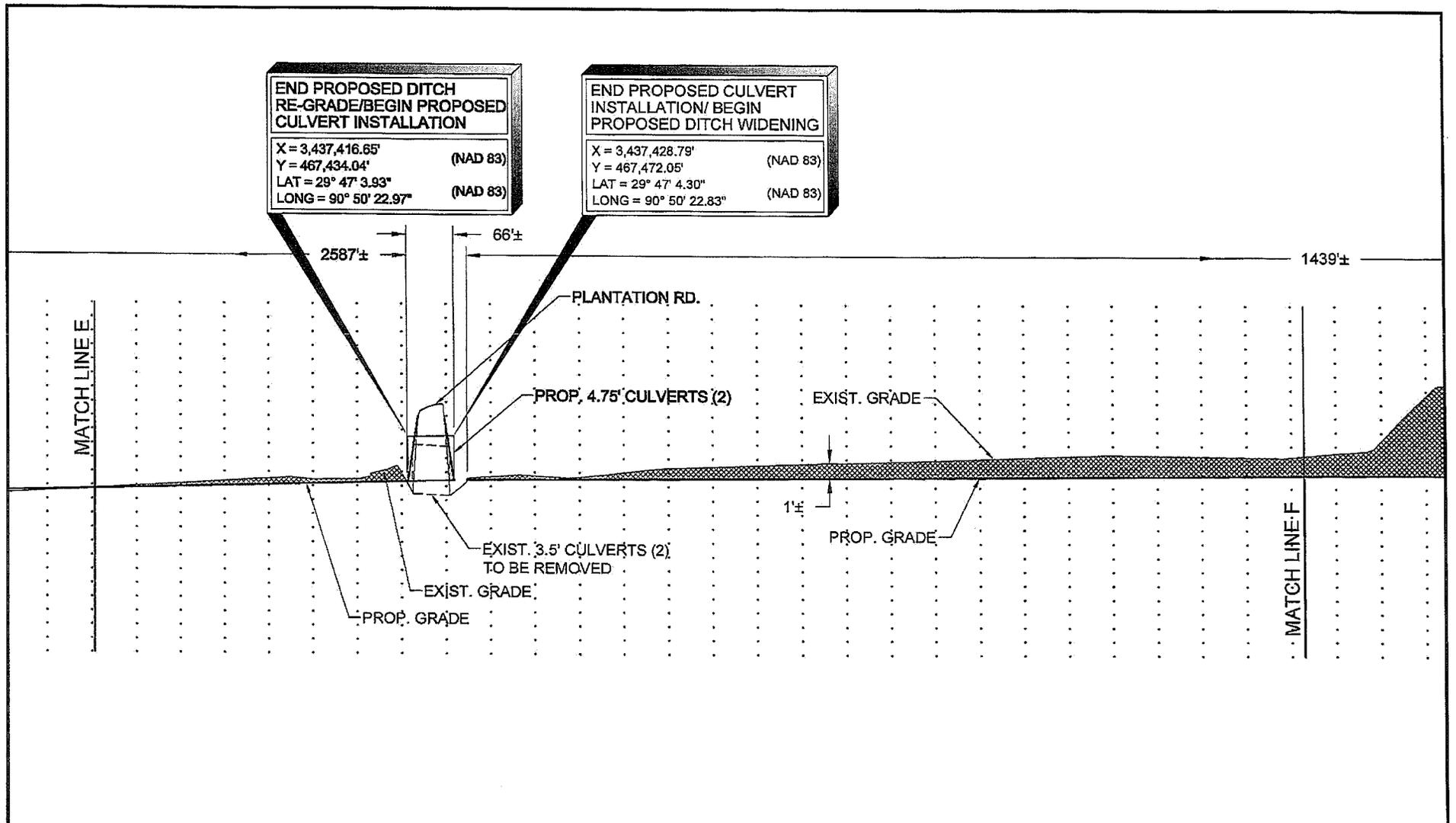
PROFILE VIEW

LAFORCHE PARISH GOVERNMENT

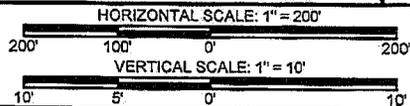
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

T. BAKER SMITH 1913
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 412 South Van Ave, Houma, LA 70363
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DRAWN BY: SPM	APPROVED BY: ESH
DATE: 10/23/2012	JOB NO: 2011.0517
DRAWING NAME: 11.0517P-2.DWG	
SHEET NO: 16	OF 22
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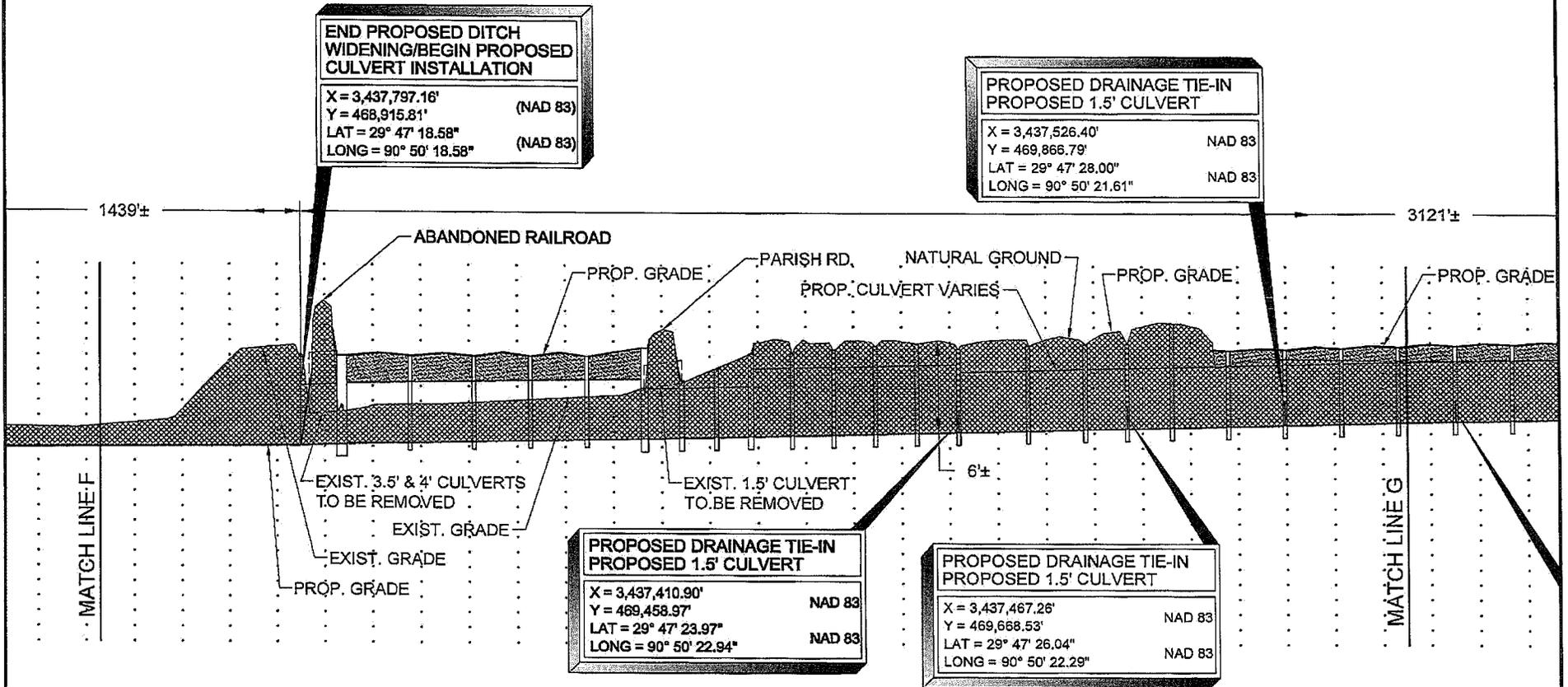
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PROFILE VIEW

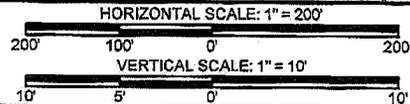
LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA

10/21/2013 - P:\Y-2011\2011.0517\DWG\EN\Y11.0517P-2.DWG



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



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DRAWN BY: SPM APPROVED BY: ESH
 DATE: 10/23/2012 JOB NO: 2011.0517
 DRAWING NAME: 11.0517P-2.DWG

SHEET NO: 17 OF 22

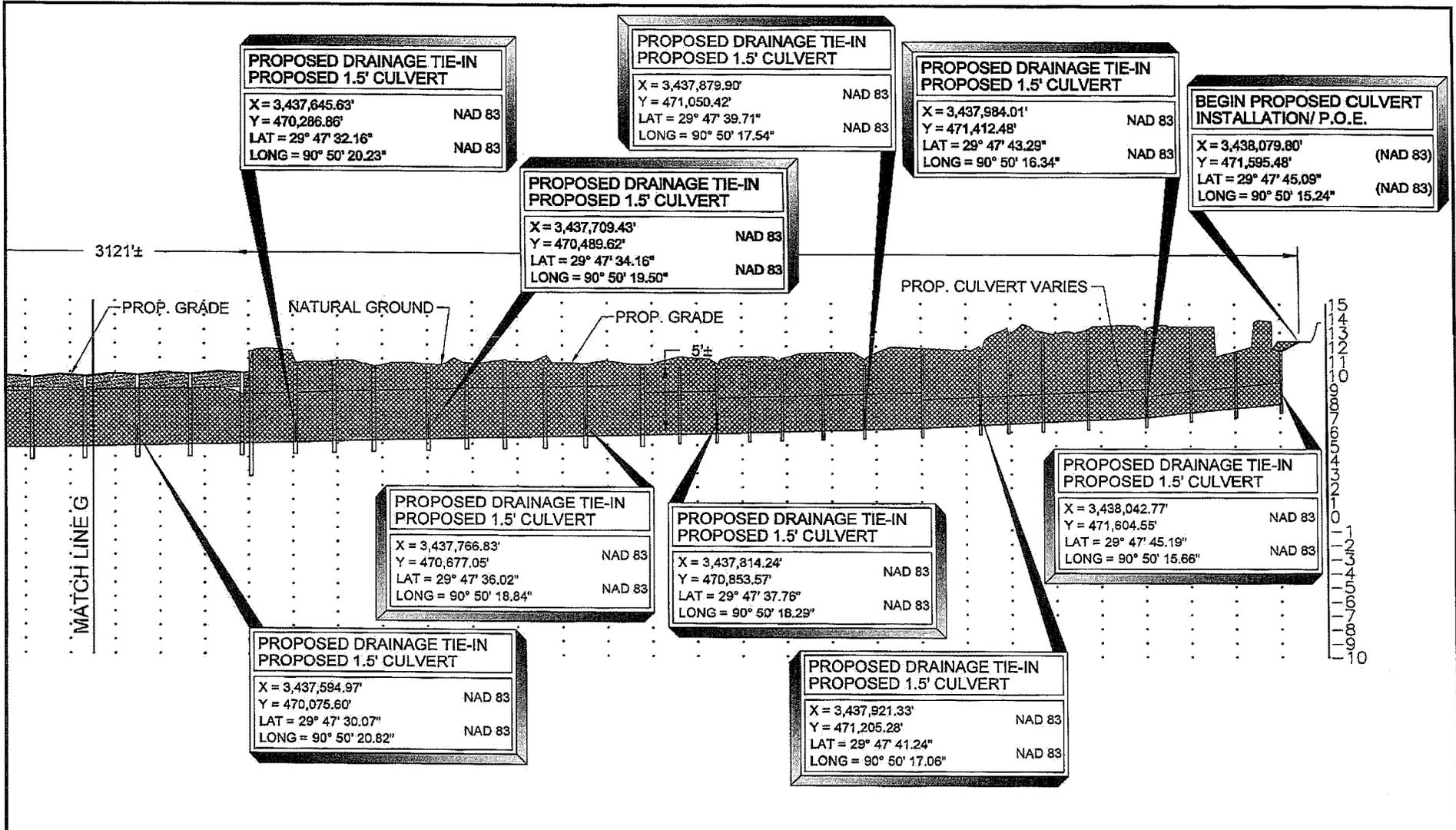
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 GRID UNITS: US SURVEY FEET

REV. NO: 01 REV. DATE: 10/21/2013 REV. BY: SPM

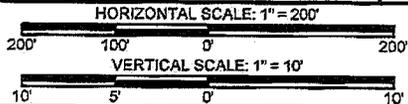
REVISION DESCRIPTION:
 ADDITIONAL INFORMATION.

PROFILE VIEW
LAFORCHE PARISH GOVERNMENT
 PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA

10/21/2013 - P:\Y-2011\2011.0517P-2.DWG



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



DRAWN BY: SPM APPROVED BY: ESH
 DATE: 10/23/2012 JOB NO: 2011.0517
 DRAWING NAME: 11.0517P-2.DWG

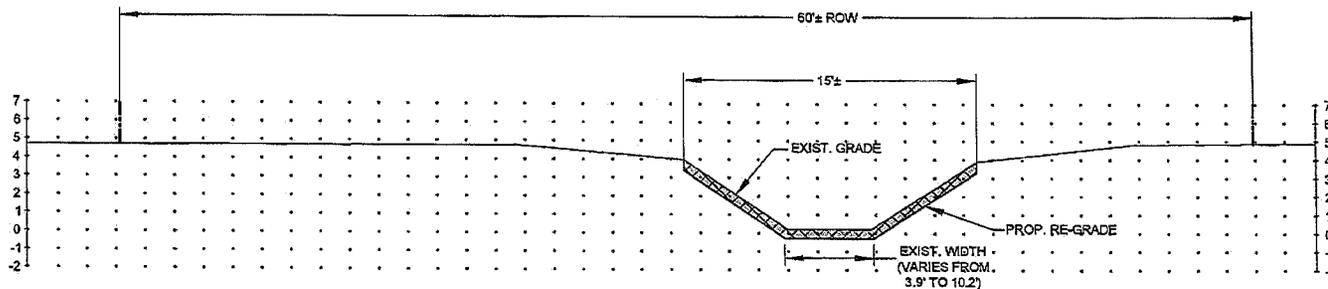
TBS **T. BAKER SMITH** 1913
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SHEET NO: 18 OF 22
 PROJECTION: PROJECTION
 GEO. DATUM: NAD83 | VERT. DATUM: NAVD88
 GRID UNITS: US SURVEY FEET

REV. NO: 01 REV. DATE: 10/21/2013 REV. BY: SPM

REVISION DESCRIPTION:
 ADDITIONAL INFORMATION.

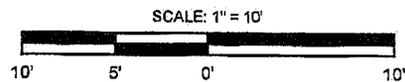
PROFILE VIEW
LAFORCHE PARISH GOVERNMENT
 PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
 LOCATED IN SECTIONS 17 & 60, T15S-R16E
 LAFORCHE PARISH, LOUISIANA



NOTE: EXISTING DITCH TO BE RE-GRADED

CROSS-SECTION A-A'
TYPICAL DITCH RE-GRADE

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



DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO:	2011.0517
DRAWING NAME:	11.0517P-2.DWG		

SECTION VIEW

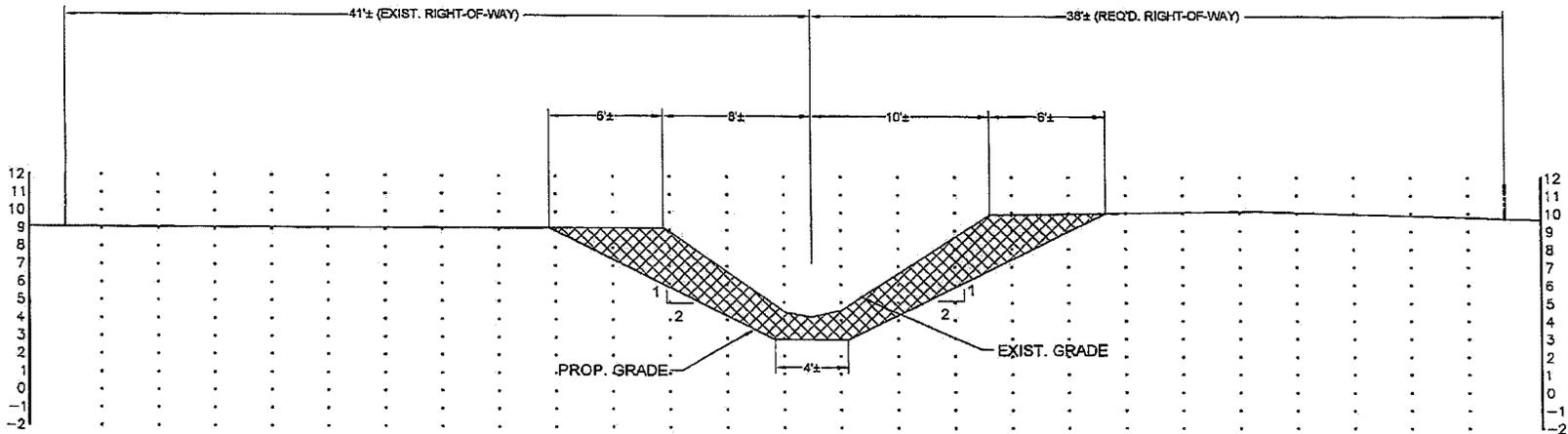
LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

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

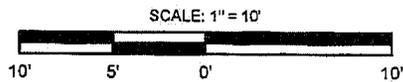
SHEET NO:	19	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		
REVISION DESCRIPTION:	RE-GRADE DETAIL.		

REV. NO:	01	REV. DATE:	10/21/2013	REV. BY:	SPM
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CROSS-SECTION B-B'
TYPICAL DITCH WIDENING

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



DRAWN BY:	SPM	APPROVED BY:	ESH
DATE:	10/23/2012	JOB NO.:	2011.0517
DRAWING NAME:	11.0517P-2.DWG		

SECTION VIEW

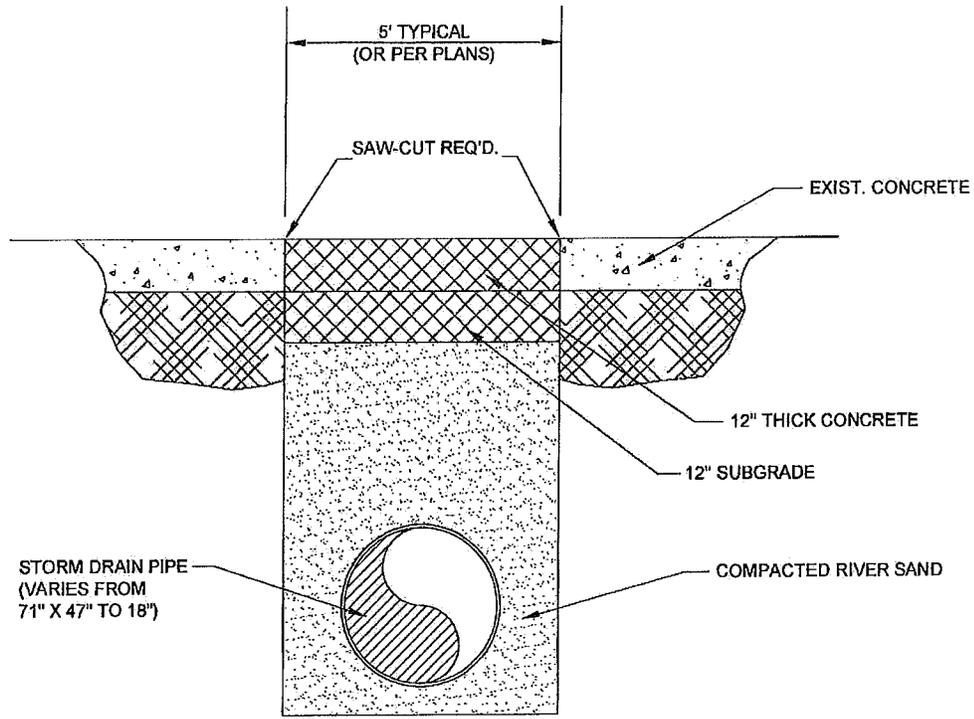
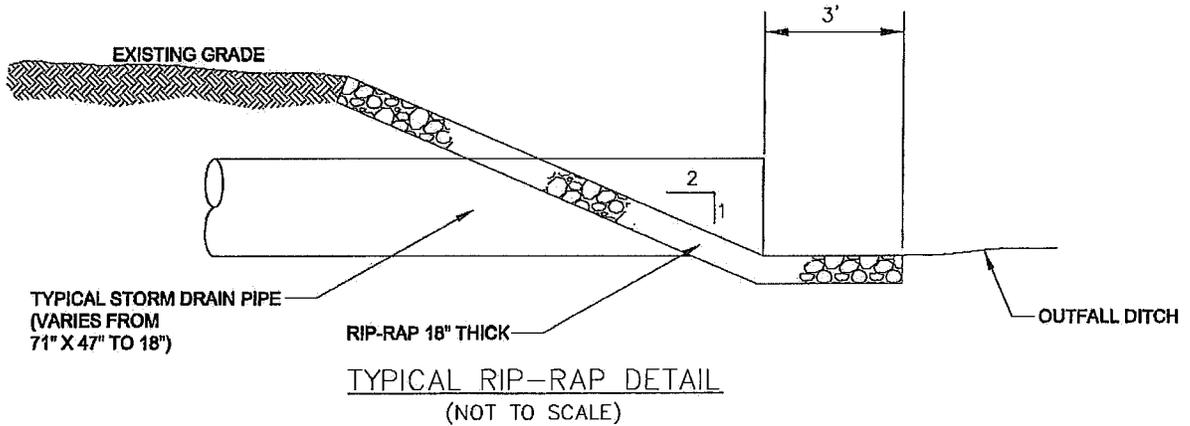
LAFORCHE PARISH GOVERNMENT

PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

TBS
T. BAKER SMITH 1913
A CENTURY OF SOLUTIONS 2013
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SHEET NO:	20	OF	22
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		
REVISION DESCRIPTION:	WIDENING DETAIL		

REV. NO:	01	REV. DATE:	10/21/2013	REV. BY:	SPM
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TYPICAL REMOVE & REPLACE DETAIL
(NOT TO SCALE)

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

DRAWN BY: SPM	APPROVED BY: ESH
DATE: 10/23/2012	JOB NO: 2011.0517
DRAWING NAME: 11.0517P-2.DWG	
SHEET NO: 21	OF 22
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

DETAILS

LAFORCHE PARISH GOVERNMENT
PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS
LOCATED IN SECTIONS 17 & 60, T15S-R16E
LAFORCHE PARISH, LOUISIANA

NOT TO SCALE



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REV. NO: 01	REV. DATE: 10/21/2013	REV. BY: SPM
REVISION DESCRIPTION: ADDITIONAL INFORMATION.		

10/21/2013 - P:\Y-2011\2011.0517\DWG\ENV\11.0517P-2.DWG

NOTES

As-built drawings will be submitted within 30 days of completion of this project to the Louisiana Department of Natural Resources, Office of Conservation, Pipeline Division, P. O. Box 94275 Baton Rouge, LA 70804, and to the Louisiana Department of Natural Resources, Coastal Management Division, P. O. Box 44487, Baton Rouge, LA 70804-4487.

In order to ensure the safety of all parties, the permittee shall contact the Louisiana One Call System (1-800-272-3020) a minimum of 48 hours prior to the commencement of any excavation (digging, dredging, jetting, etc.) or demolition activity.

Applicant is subject to all applicable state laws related to damages which are demonstrated to have been caused by this proposed action.

Approximately 13,837± YDS³ of excavated material to be hauled off to a non-wet location.

TOTAL IMPACTS

EXCAVATIONS

NON-VEGETATED 9,827 CU. YDS.
 WATER BOTTOMS: 4.22 ACS.
 UPLANDS: 4,713 CU. YDS.
 0.42 ACS.

FILL AREAS

NON-VEGETATED 4,601 CU. YDS.
 WATER BOTTOMS: 0.44 ACS.
 UPLANDS: 4,790 CU. YDS.
 0.42 ACS.

FILL MATERIALS

NATIVE MATERIAL: 685 CU. YDS.
 RIP RAP: 92 CU. YDS.
 CONCRETE: 121 CU. YDS.
 SUB-GRADE: 121 CU. YDS.
 RIVER SAND: 8,372 CU. YDS.

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

DRAWN BY: SPM	APPROVED BY: ESH	NOTES							
DATE: 10/23/2012	JOB NO.: 2011.0517	LAFORCHE PARISH GOVERNMENT							
DRAWING NAME: 11.0517P-2.DWG		PROPOSED WESTSIDE DRAINAGE IMPROVEMENTS							
SHEET NO.: 22 OF 22		LOCATED IN SECTIONS 17 & 60, T15S-R16E							
PROJECTION: PROJECTION		LAFORCHE PARISH, LOUISIANA							
GEO. DATUM: NAD83 VERT. DATUM: NAVD88		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">REV. NO.: 01</td> <td style="width: 25%;">REV. DATE: 10/21/2013</td> <td style="width: 25%;">REV. BY: SPM</td> </tr> <tr> <td colspan="3">REVISION DESCRIPTION: ADDITIONAL INFORMATION.</td> </tr> </table>		REV. NO.: 01	REV. DATE: 10/21/2013	REV. BY: SPM	REVISION DESCRIPTION: ADDITIONAL INFORMATION.		
REV. NO.: 01	REV. DATE: 10/21/2013			REV. BY: SPM					
REVISION DESCRIPTION: ADDITIONAL INFORMATION.									
GRID UNITS: US SURVEY FEET		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">NOT TO SCALE</td> <td style="width: 30%; text-align: center;">  </td> <td style="width: 30%; text-align: center;"> T. BAKER SMITH 1918 A CENTURY OF SOLUTIONS 2018 <small>412 South Van Ave, Houma, LA 70363 (888)868-1050 - tbsmith.com</small> </td> </tr> </table>		NOT TO SCALE		T. BAKER SMITH 1918 A CENTURY OF SOLUTIONS 2018 <small>412 South Van Ave, Houma, LA 70363 (888)868-1050 - tbsmith.com</small>			
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