

JOINT PUBLIC NOTICE

January 22, 2018

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

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

Project Manager:
Bobby Quebedeaux
(504) 862-2224
bobby.d.quebedeaux@usace.army.mil
Application #: MVN-2013-0880-WJJ

Project Manager:
Elizabeth Hill
(225) 219-3225
WQC Application Number:
WQC-130708-03

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).

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

FLOOD PROTECTION PROJECT IN ST. MARY PARISH

NAME OF APPLICANT: St. Mary Levee District, c/o: T. Baker Smith, LLC, Attn: Kodi Babin, P.O. Box 2266, Houma, Louisiana 70361

LOCATION OF WORK: Located on and near Bayou Chene at Amelia, Louisiana, in St. Mary Parish (POB: 29.68279, -91.17206; POE: 29.60593, -91.08512), as shown within the attached drawings. (Hydrologic Unit Code 08090302, Terrebonne Watershed)

CHARACTER OF WORK:

ORIGINAL (Public Notice publish date: July 29, 2013): Proposed Bayou Chene Flood Protection Project which will include the elevation of approx. 33,634' of Avoca Road on Avoca Island (i.e., Avoca Road Levee) to approx.. 8.5' elevation, approximately 9,822' of the Avoca Borrow Canal Levee to approx. 8'elevation, approx. 966' of the Bayou Chene East Levee to approx. 9.5' elevation and approx. 6,091' of the Tabor Canal Levee to approx.. 9.5' elevation. A flood control structure will be installed at elevation 10.0' in Bayou Chene consisting of a barge gate at the center of the bayou with fixed flood walls extending outward to the bayou banks on either side. A weir structure will be installed in Tabor Canal consisting of steel gates. These structures will minimize high water induced flooding in St. Mary, Terrebonne, St. Martin, Assumption and Iberville Parishes due to high river stages in the Atchafalaya River. During normal Bayou Chene water levels the gate will be open to allow maritime traffic and water to pass through the opening. At the threat of impending

high water events the barge gate will be deballasted to a floating condition, winched or placed by tug into position across Bayou Chene and ballasted into closed position against the receiving structure. Also, an existing weir structure will be removed and replaced on the Borrow Canal Levee, the existing temporary flood control structures used during the 2011 emergency closure will be removed from Bayou Chene and two existing pipelines within Tabor Canal will be crossed with reinforcement installed for pipeline protection. Approx. 470,810 cu. yds. of native material will be excavated from a proposed borrow pit and used for construction activities. An additional 47,798 cu. yds. of native material will be displaced during project activities. Approx. 17,091 cu. yds. of crushed stone/gravel and 19,601 cu. yds. of rock material will be required for project activities. A total of approx. 212.98 acres may be impacted as a result of this proposed activity (approx. 32.40 acres of wetlands and approx. 180.68 acres of non-wetlands/waterbottoms).

MODIFIED (dated 12/21/17): Levee tie-in to USACE Bayou Boeuf Lock was removed. Levee cross section for Avoca Road was revised to stay within existing right-of-way. Proposed borrow area on Avoca, Inc. property was removed. Proposed barge gate opening width was changed from a minimum of 250' to 400' (clear opening). Total excavation reduced from +/- 518,608 CY (+/- 93 acres) to 150,764 CY (+/- 26.85 acres). Total fill reduced from +/- 555,300 CY (+/- 93 acres) to 259,021 CY (+/- 48.13 acres). Wetland impacts below the 5' contour reduced from 18.69 acres to 16.14 acres. Total wetland impacts reduced from 24.73 acres to 21.79 acres.

If a Department of the Army permit is warranted, the applicant has proposed to mitigate any unavoidable wetlands impacts at an approved and acceptable mitigation bank within the N.O. District.

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 submitted 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 forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH.** **Individuals or parties may request an extension of time in which to comment on the proposed work by writing, faxing, or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.** Letters concerning the 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 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. Copies of this public notice are being sent to the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. Based on the South Louisiana **Standard Local Operating Procedure for Endangered Species (SLOPES)**, as signed on October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project would have no effect to 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 may result in the destruction or alteration of approximately **180** 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 Department of the Army permit is issued.

Any person may request, in writing, within the comment period specified in this notice,

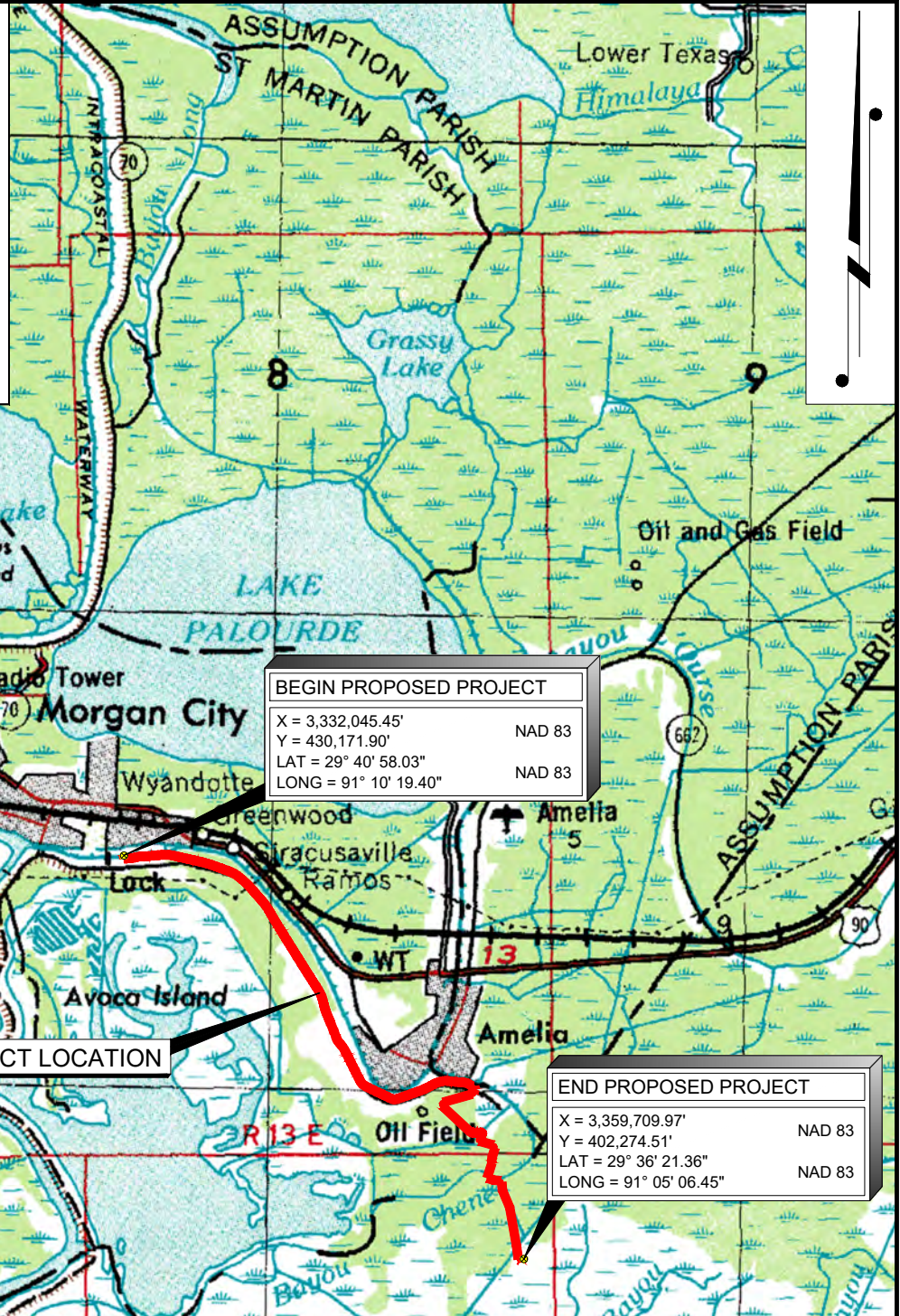
that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

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.

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

Darrell S. Barbara
Chief, Western Evaluation Section
Regulatory Branch

Enclosure



BEGIN PROPOSED PROJECT

X = 3,332,045.45' NAD 83
 Y = 430,171.90' NAD 83
 LAT = 29° 40' 58.03" NAD 83
 LONG = 91° 10' 19.40" NAD 83

PROJECT LOCATION

END PROPOSED PROJECT

X = 3,359,709.97' NAD 83
 Y = 402,274.51' NAD 83
 LAT = 29° 36' 21.36" NAD 83
 LONG = 91° 05' 06.45" NAD 83

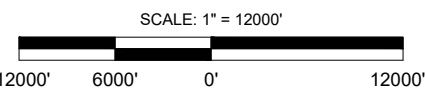
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Kevin O'Gorman, P.E.
 LA License No. 35244
 Firm: T. Baker Smith, LLC

DRAWN BY:	ADS	APPROVED BY:	KLB
DATE:	09/08/2016	JOB NO.:	2012.0525
DRAWING NAME:	1 VICINITY MAP.DWG		
SHEET NO.:	1	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

VICINITY MAP

ST. MARY LEVEE DISTRICT
 BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

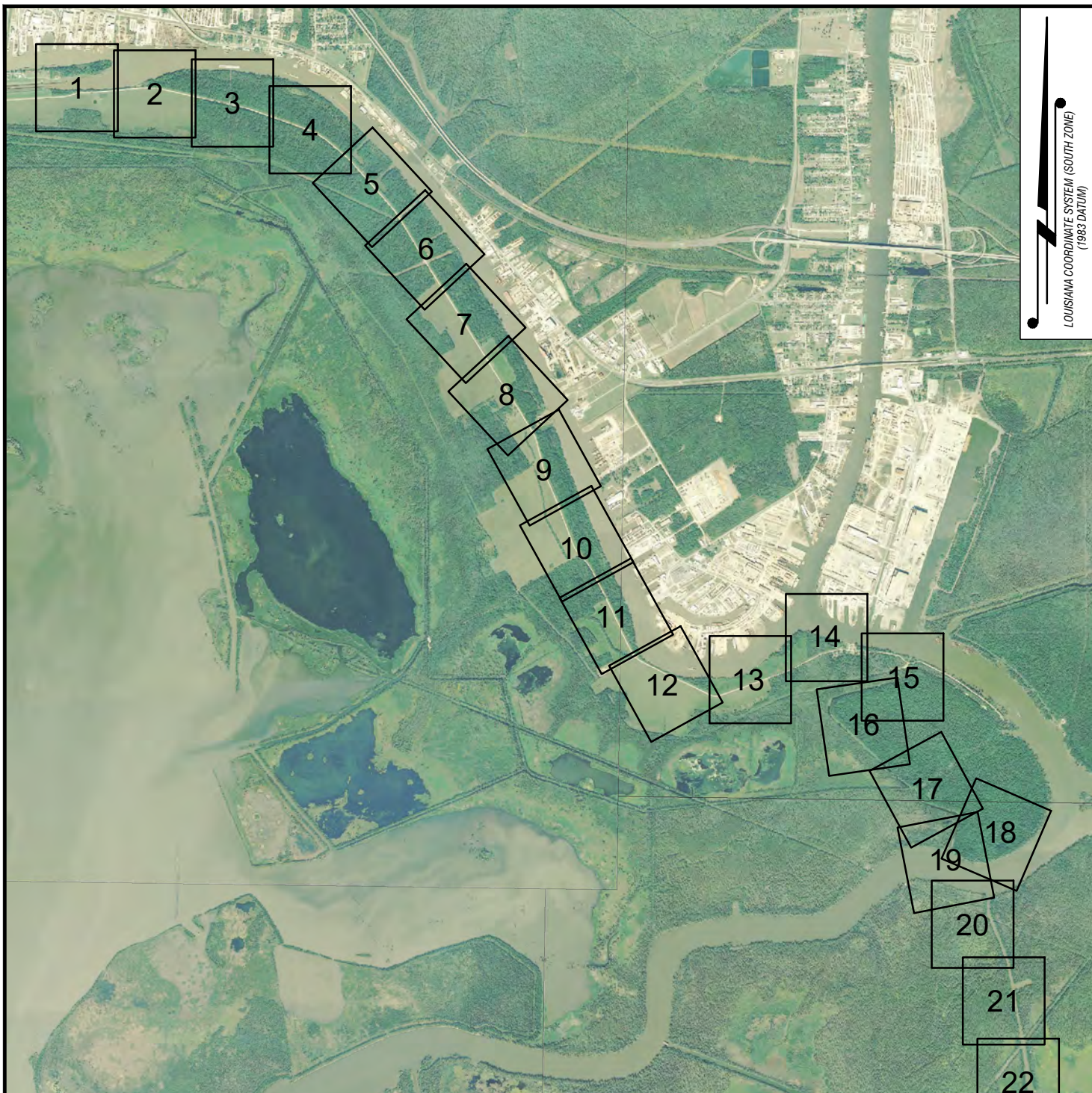


T. BAKER SMITH 1913
 A CENTURY OF SOLUTIONS 2013
 17534 Old Jefferson Hwy, Suite D-1,
 Prairieville, LA 70769
 504.974-2100 - tbsmith.com

REV. NO.:	01	REV. DATE:	12/5/2017	REV. BY.:	JJM
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12/7/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\1 VICINITY MAP.DWG

12/17/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\2 KEY SHEET.DWG



LOUISIANA COORDINATE SYSTEM (SOUTH ZONE)
(1983 DATUM)

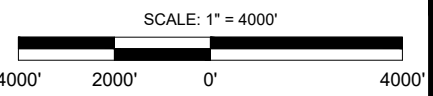
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Firm: T. Baker Smith, LLC

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DRAWING NAME:	2 KEY SHEET.DWG		
SHEET NO:	2	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

KEY SHEET

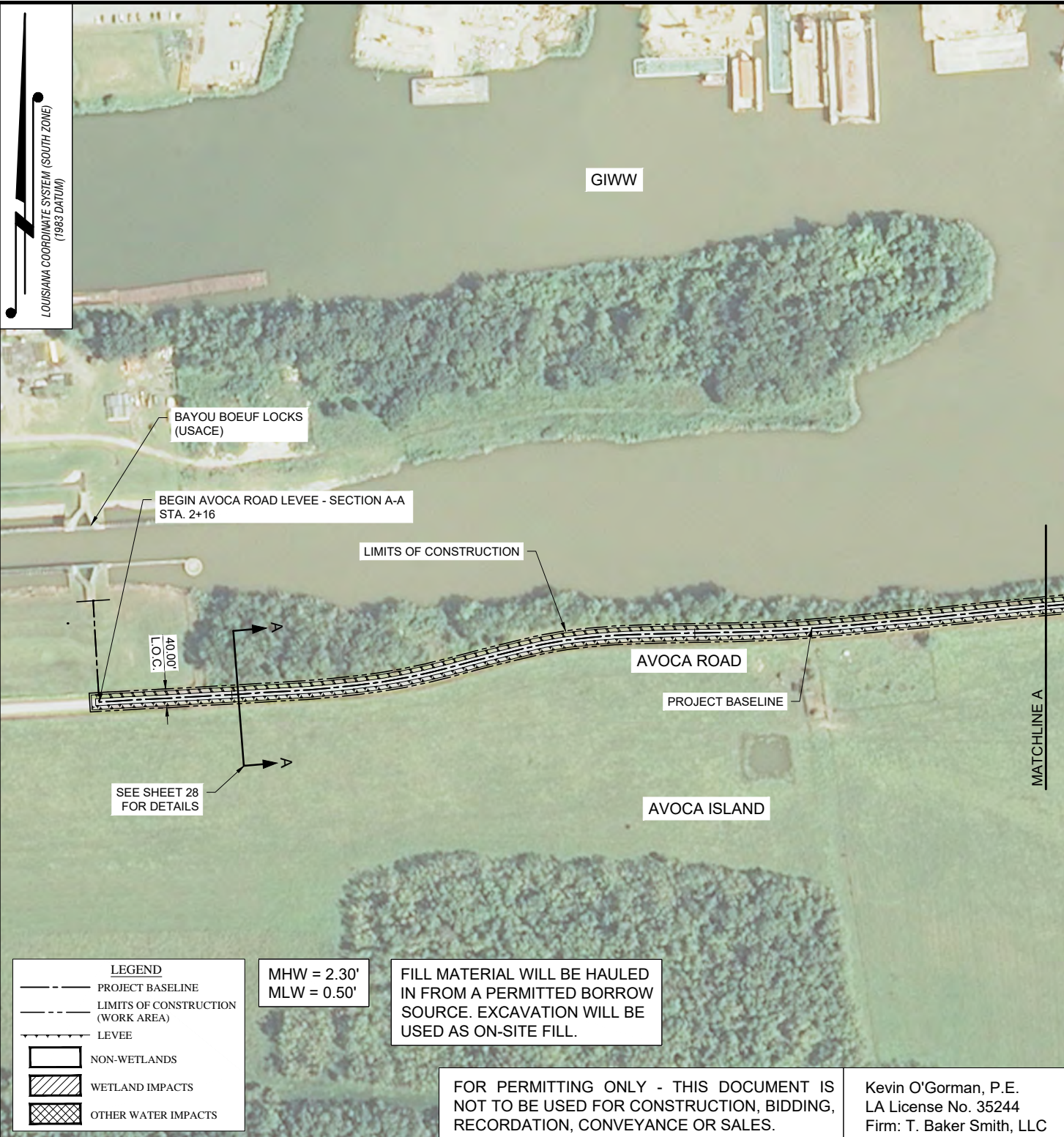
ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA



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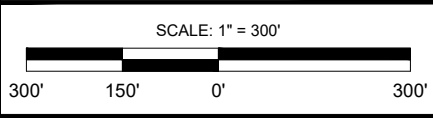
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SHEET NO:	3	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 1

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

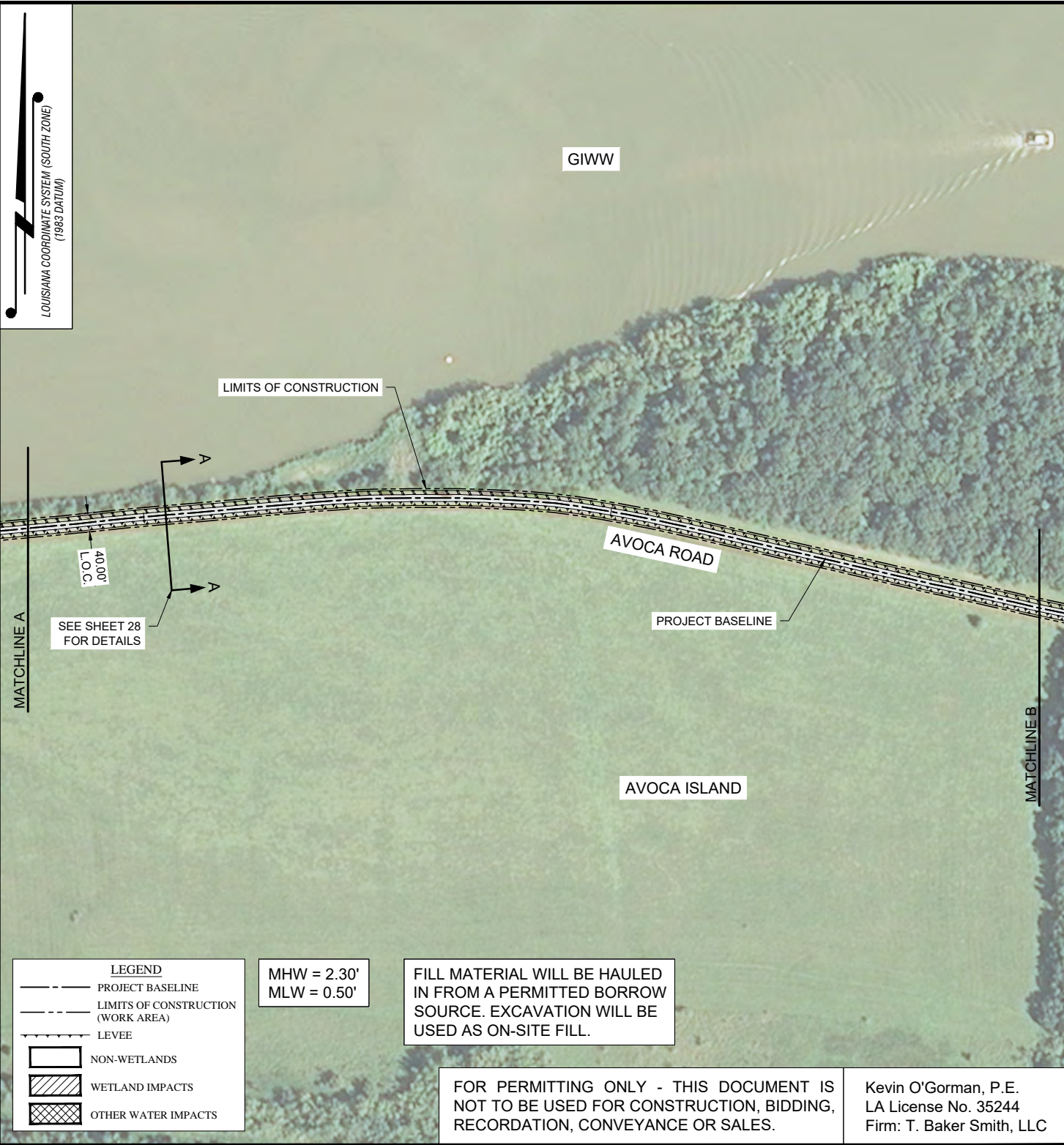


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LEGEND	
	PROJECT BASELINE
	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

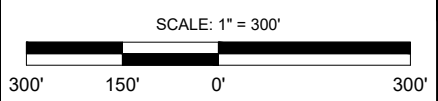
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PLAN VIEW 2

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
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ST. MARY PARISH, LOUISIANA

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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
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PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



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LEGEND	
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	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

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MLW = 0.50'

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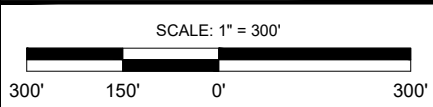
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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO.:	5	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 3

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
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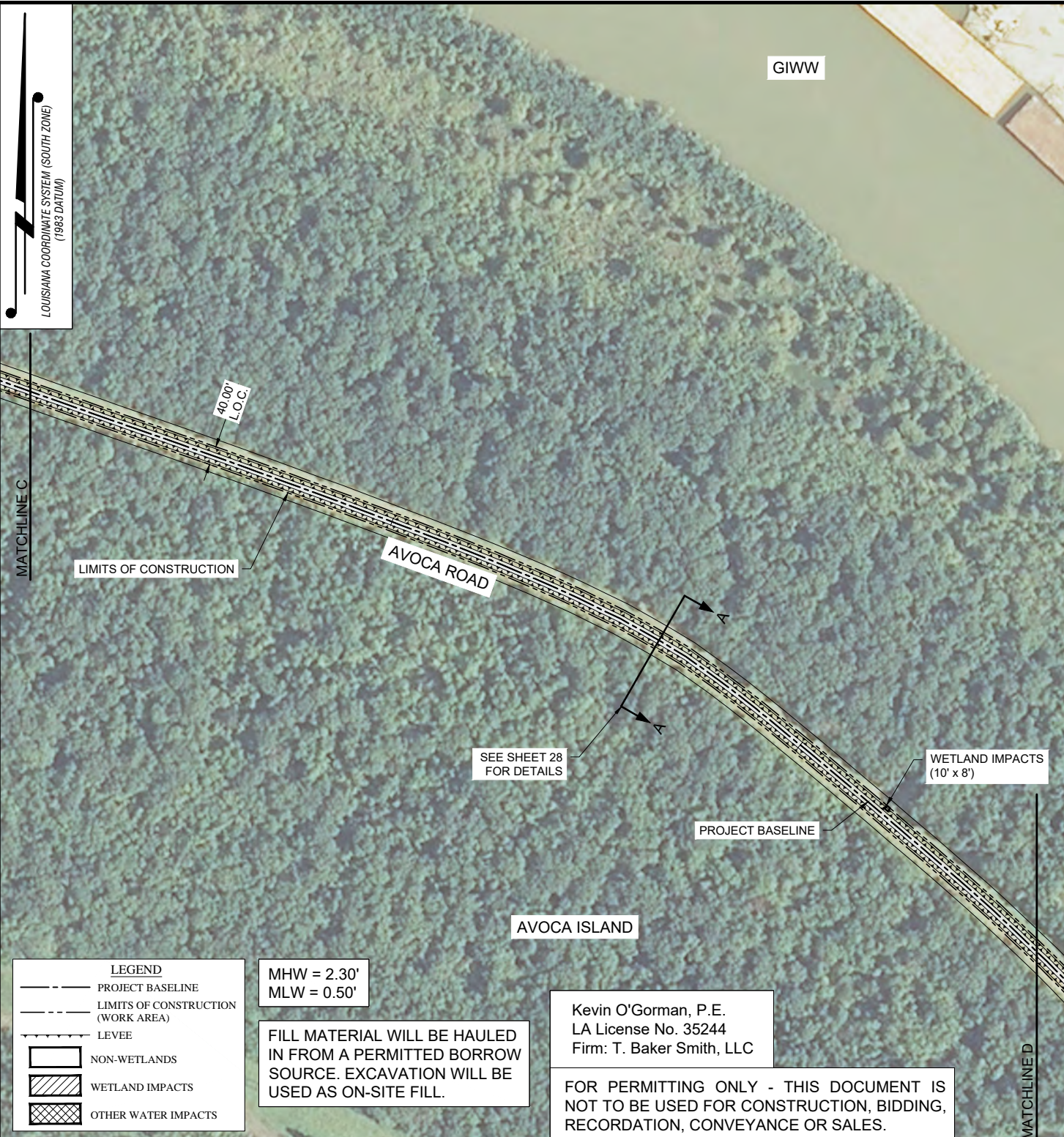


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2013

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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

12/20/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\3-24 PERMIT PLAN.DWG



LEGEND	
	PROJECT BASELINE
	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

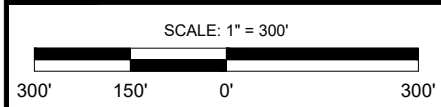
MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

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PROJECTION:	PROJECTION		
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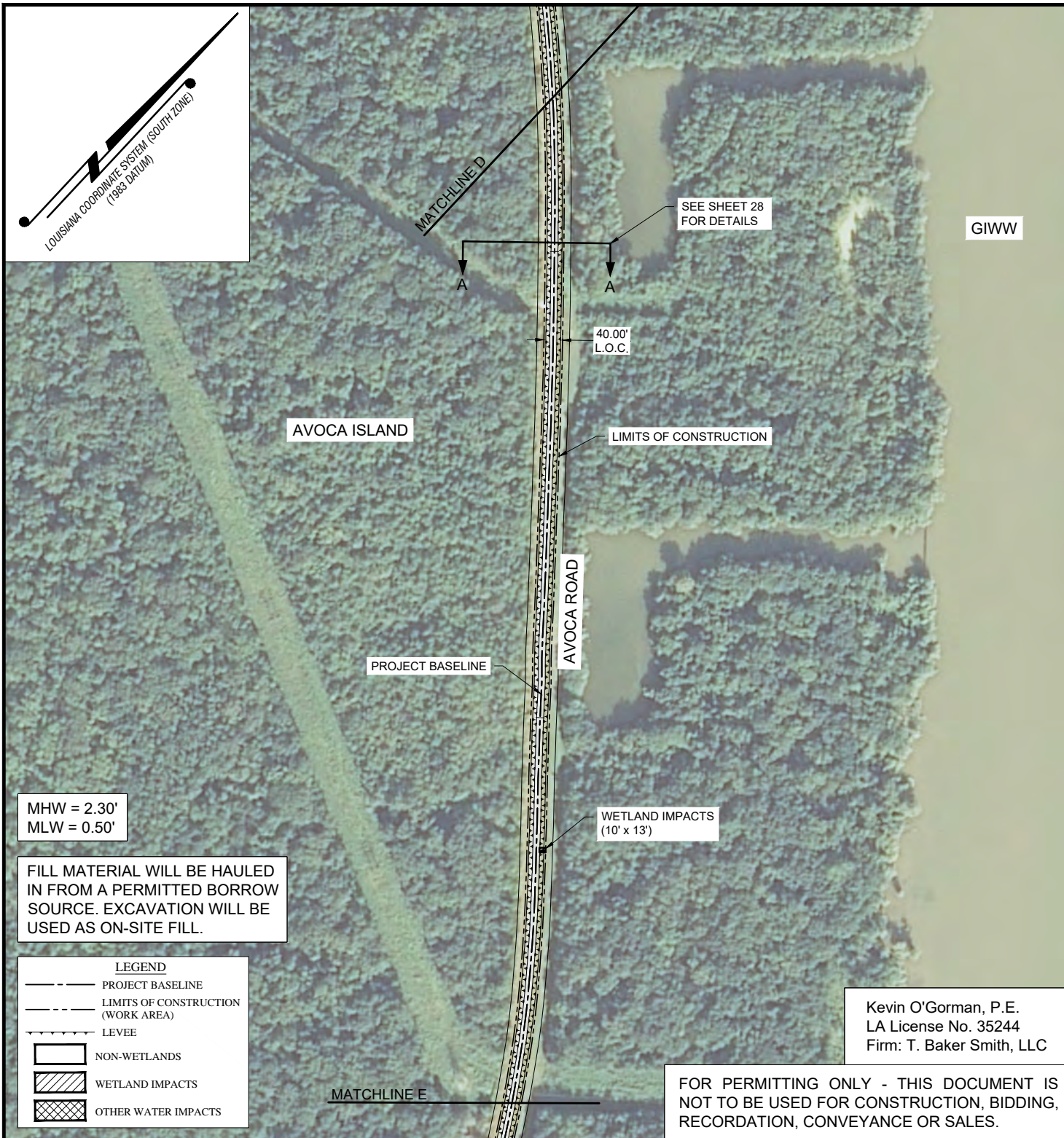
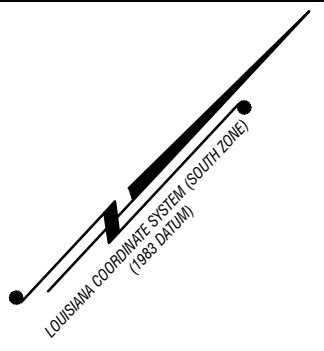
PLAN VIEW 4

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
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GIWW

AVOCA ISLAND

LIMITS OF CONSTRUCTION

AVOCA ROAD

PROJECT BASELINE

WETLAND IMPACTS
(10' x 13')

MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED
IN FROM A PERMITTED BORROW
SOURCE. EXCAVATION WILL BE
USED AS ON-SITE FILL.

LEGEND

- PROJECT BASELINE
- LIMITS OF CONSTRUCTION (WORK AREA)
- LEVEE
- NON-WETLANDS
- WETLAND IMPACTS
- OTHER WATER IMPACTS

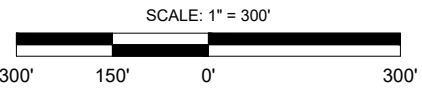
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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	7	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 5

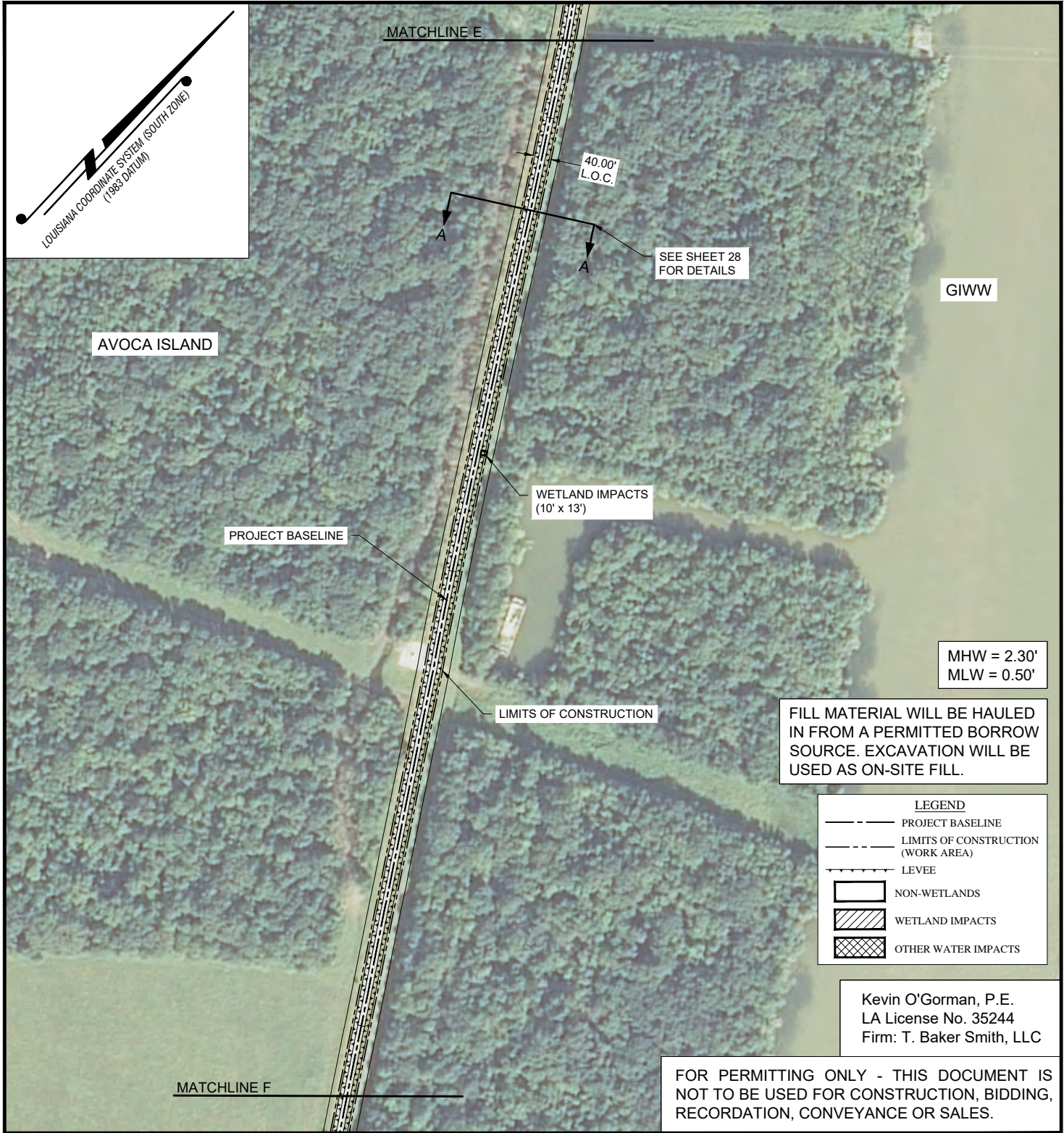
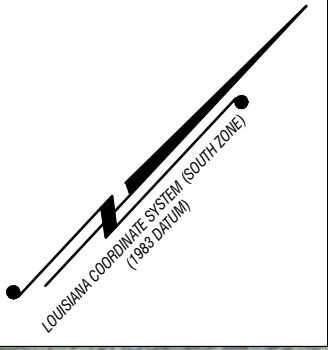
ST. MARY LEVEE DISTRICT
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LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
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12/20/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\3-24 PERMIT PLAN.DWG



MHW = 2.30'
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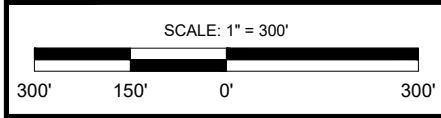
FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

LEGEND	
	PROJECT BASELINE
	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

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SHEET NO.:	8	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			



PLAN VIEW 6

ST. MARY LEVEE DISTRICT

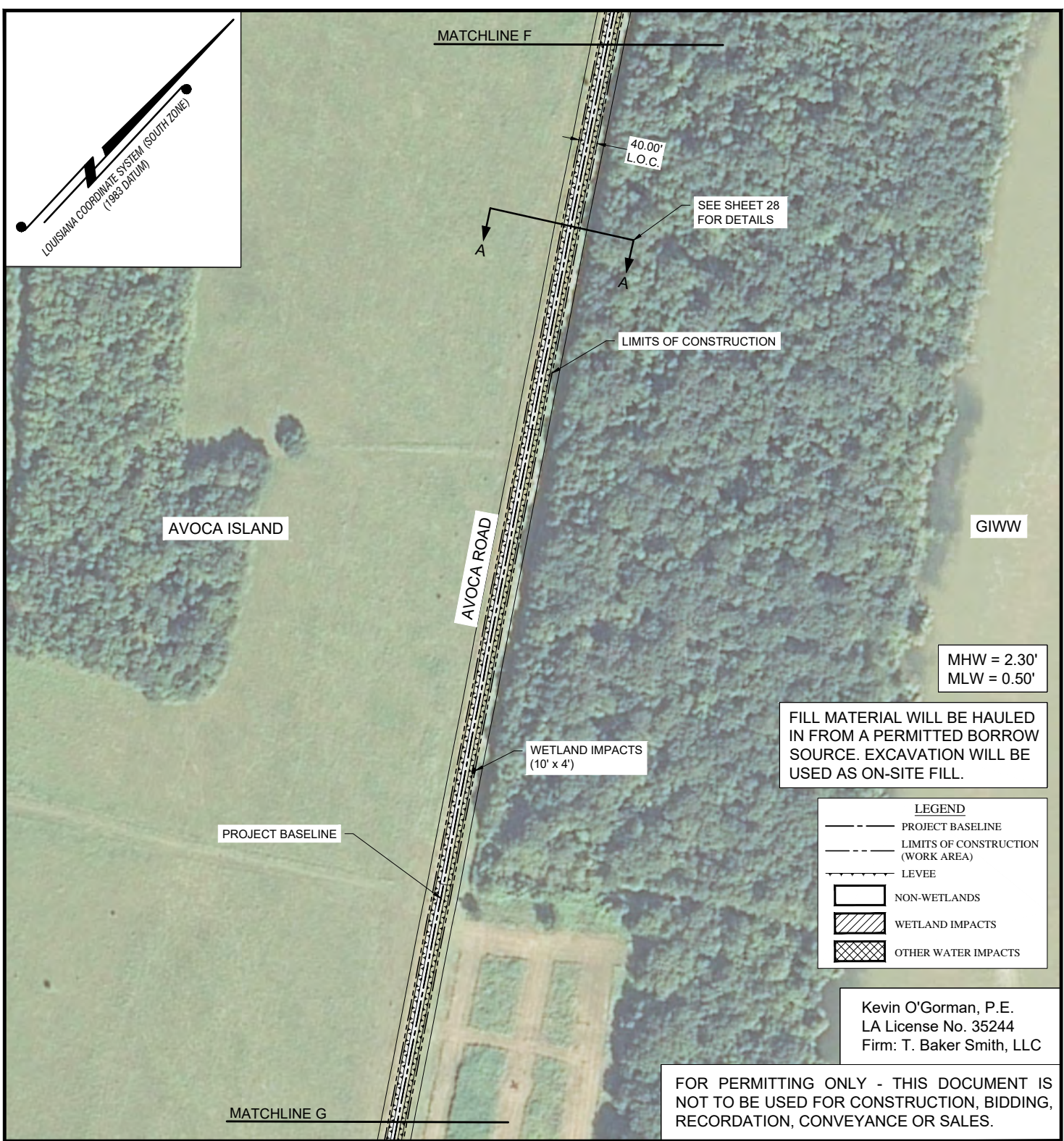
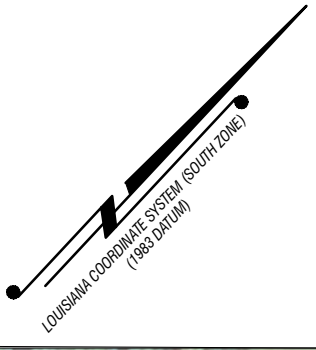
BAYOU CHENE FLOOD PROTECTION PROJECT

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& SECTIONS 1 & 12, T17S-R13E
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17531 Old Jefferson Hwy, Suite D-1,
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12/20/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\3-24 PERMIT PLAN.DWG



LEGEND

	PROJECT BASELINE
	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

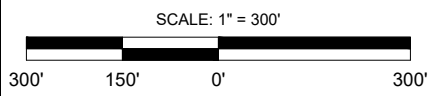
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Firm: T. Baker Smith, LLC

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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	9	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 7

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA

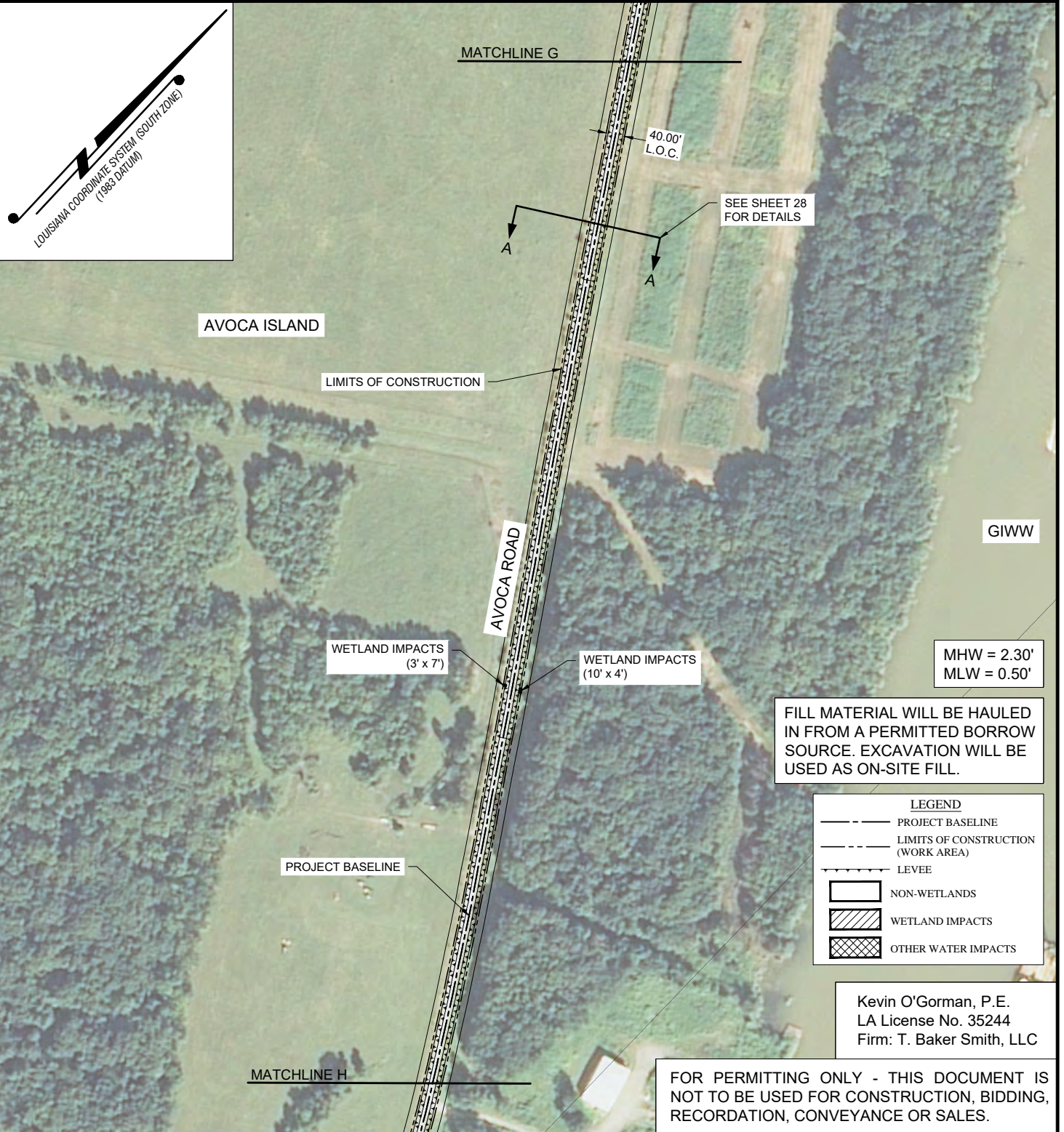


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Prairieville, LA 70768
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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

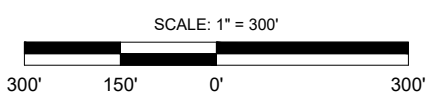
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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	10	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 8

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA

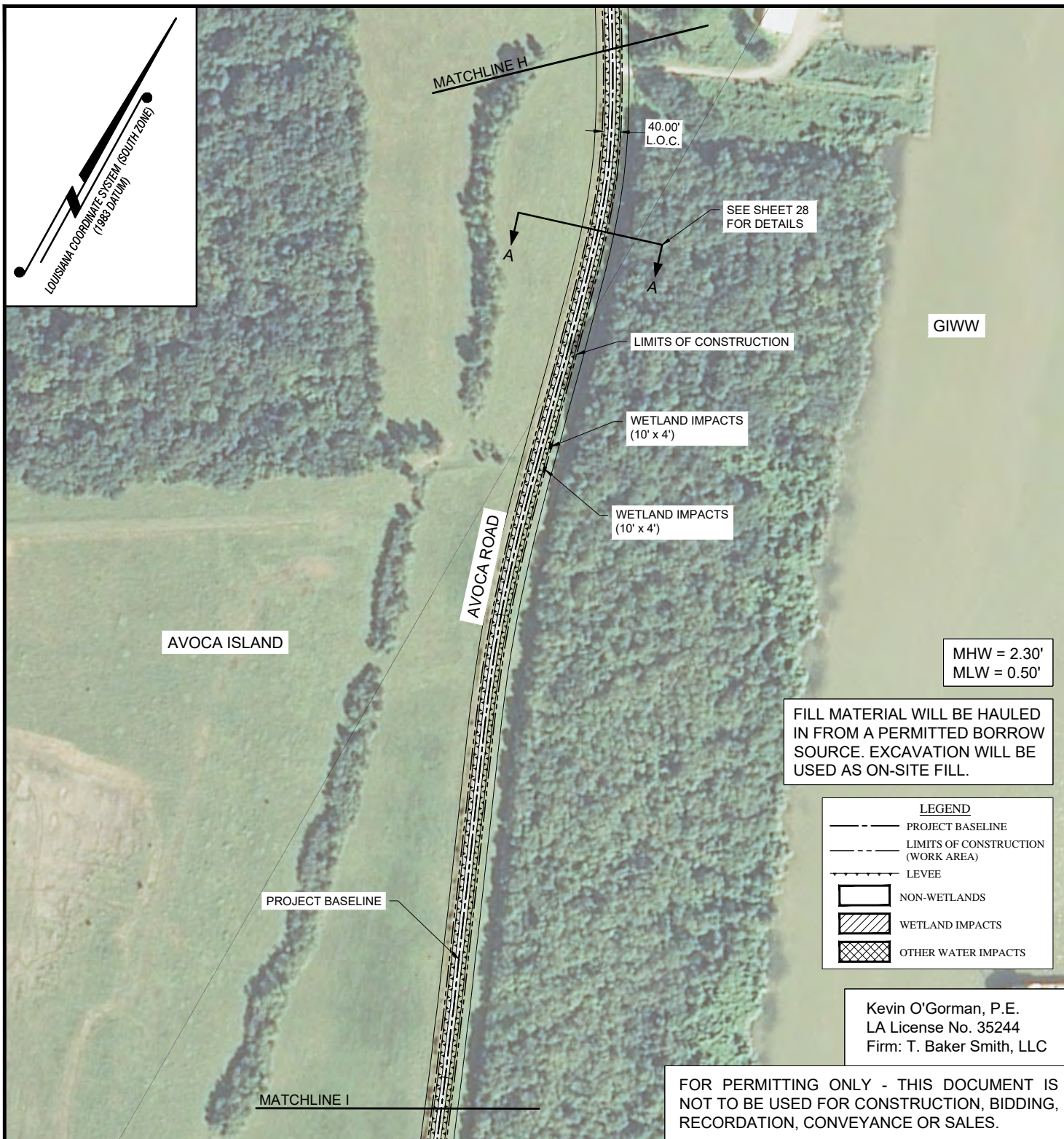



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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

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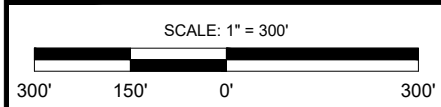
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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO.:	11	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



PLAN VIEW 9

ST. MARY LEVEE DISTRICT

BAYOU CHENE FLOOD PROTECTION PROJECT

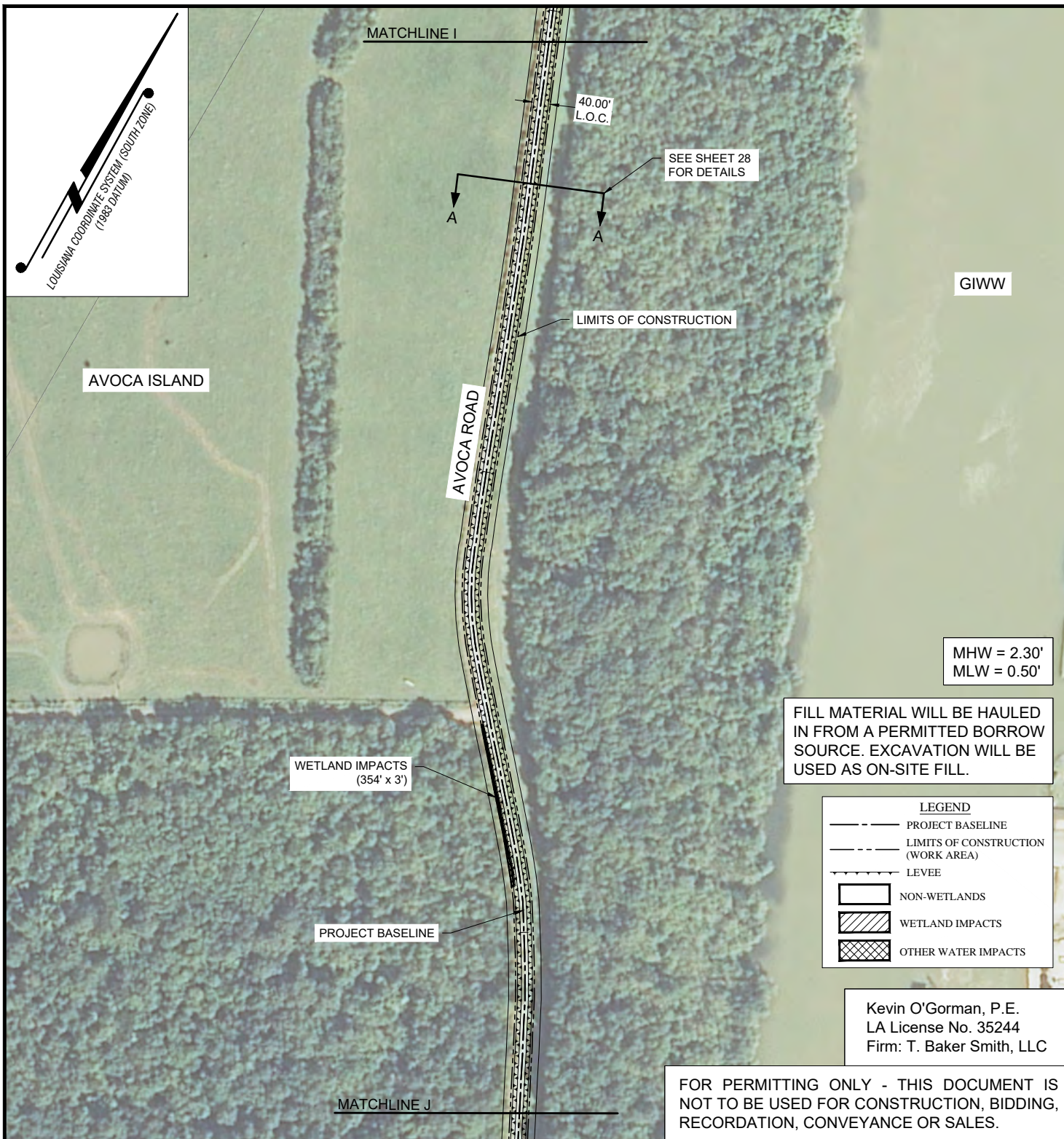
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
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LEGEND

- PROJECT BASELINE
- LIMITS OF CONSTRUCTION (WORK AREA)
- LEVEE
- NON-WETLANDS
- WETLAND IMPACTS
- OTHER WATER IMPACTS

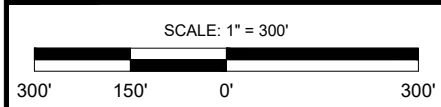
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SHEET NO.:	12	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 10

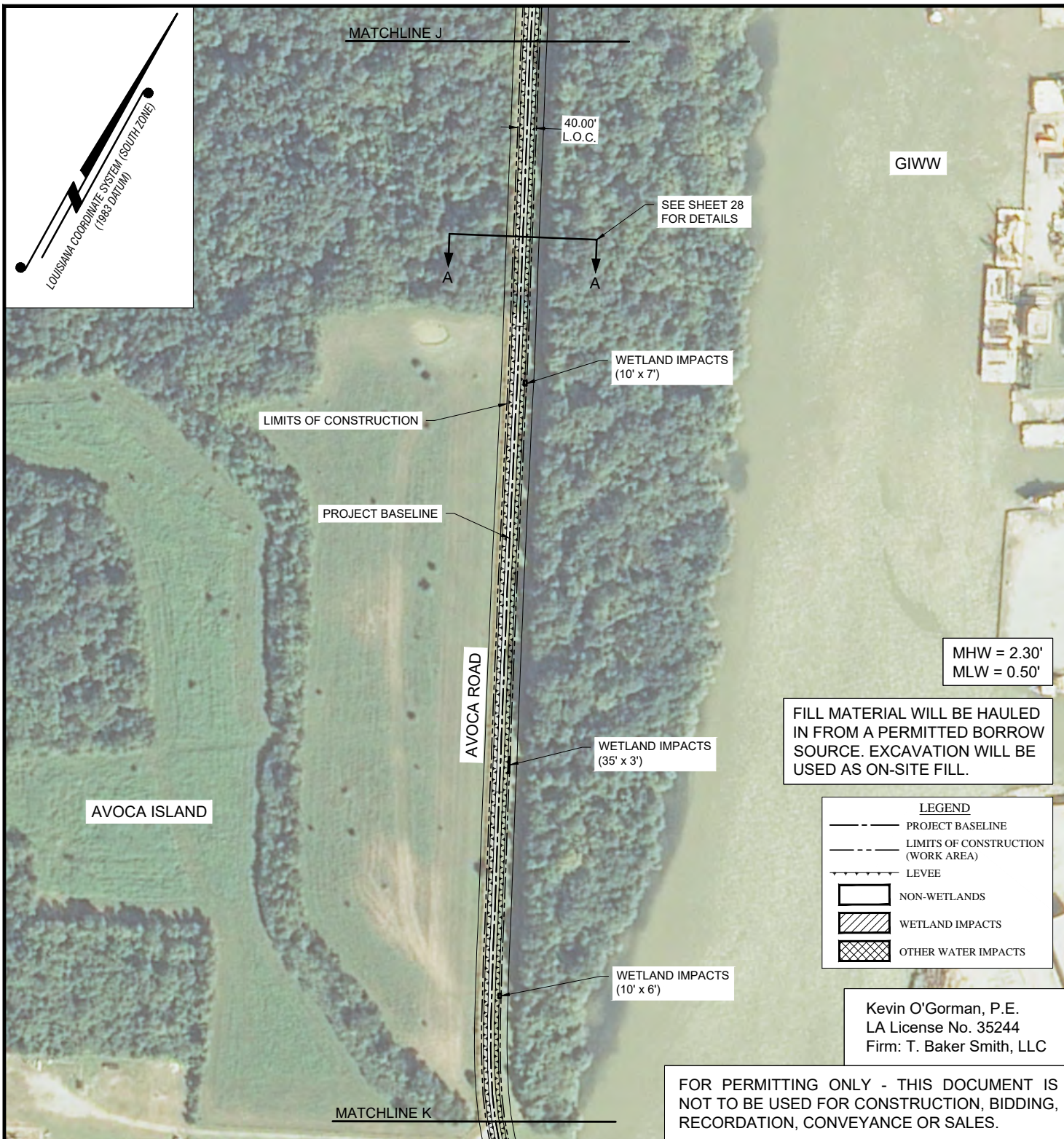
ST. MARY LEVEE DISTRICT
 BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA



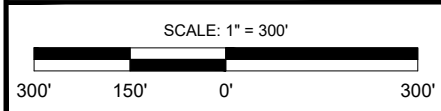
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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO.:	13	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

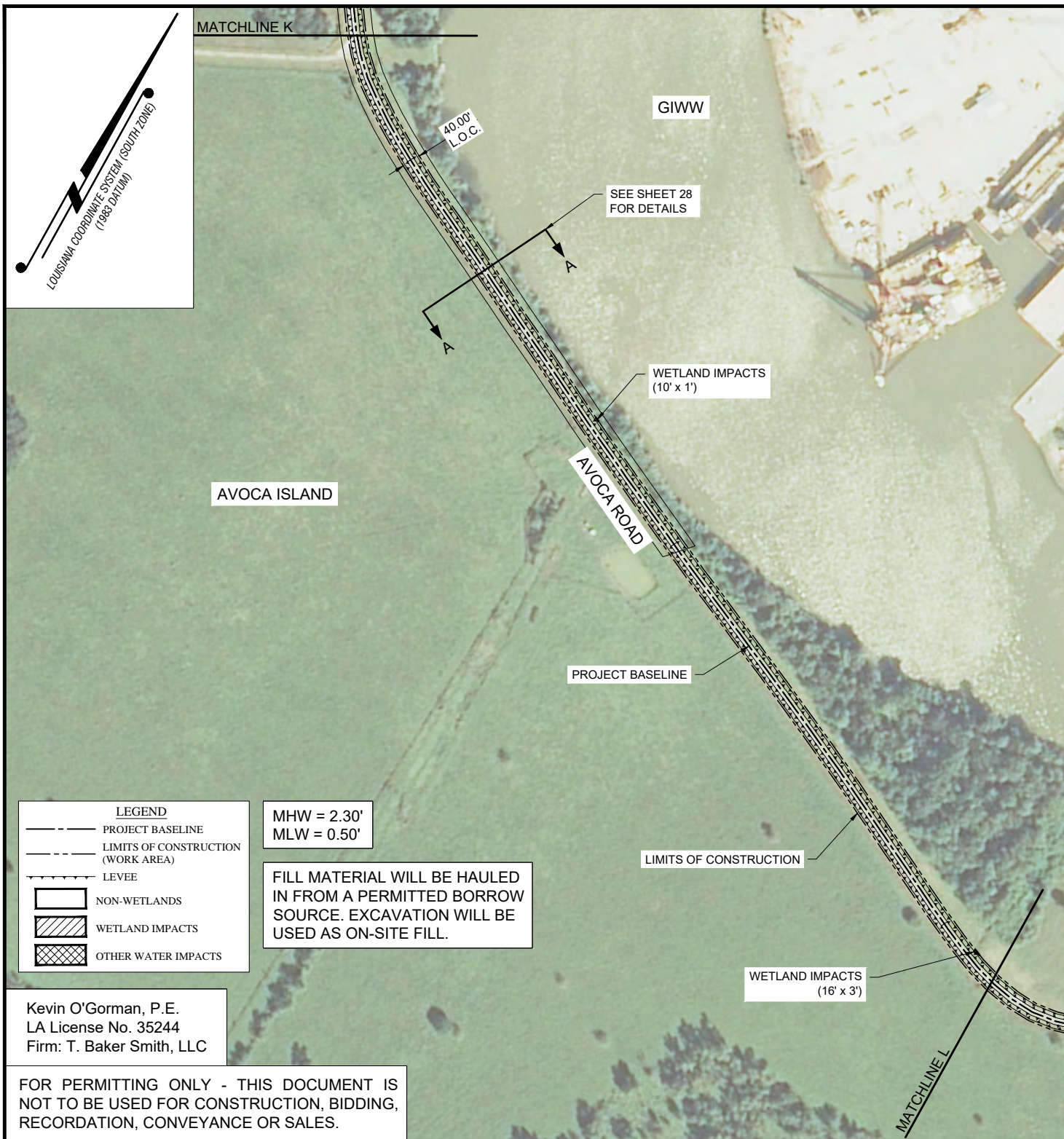


PLAN VIEW 11

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

REV. NO.:	01	REV. DATE:	12/5/2017	REV. BY.:	JJM
REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

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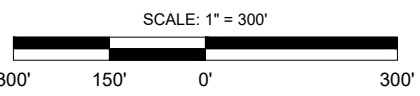
MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

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LA License No. 35244
Firm: T. Baker Smith, LLC

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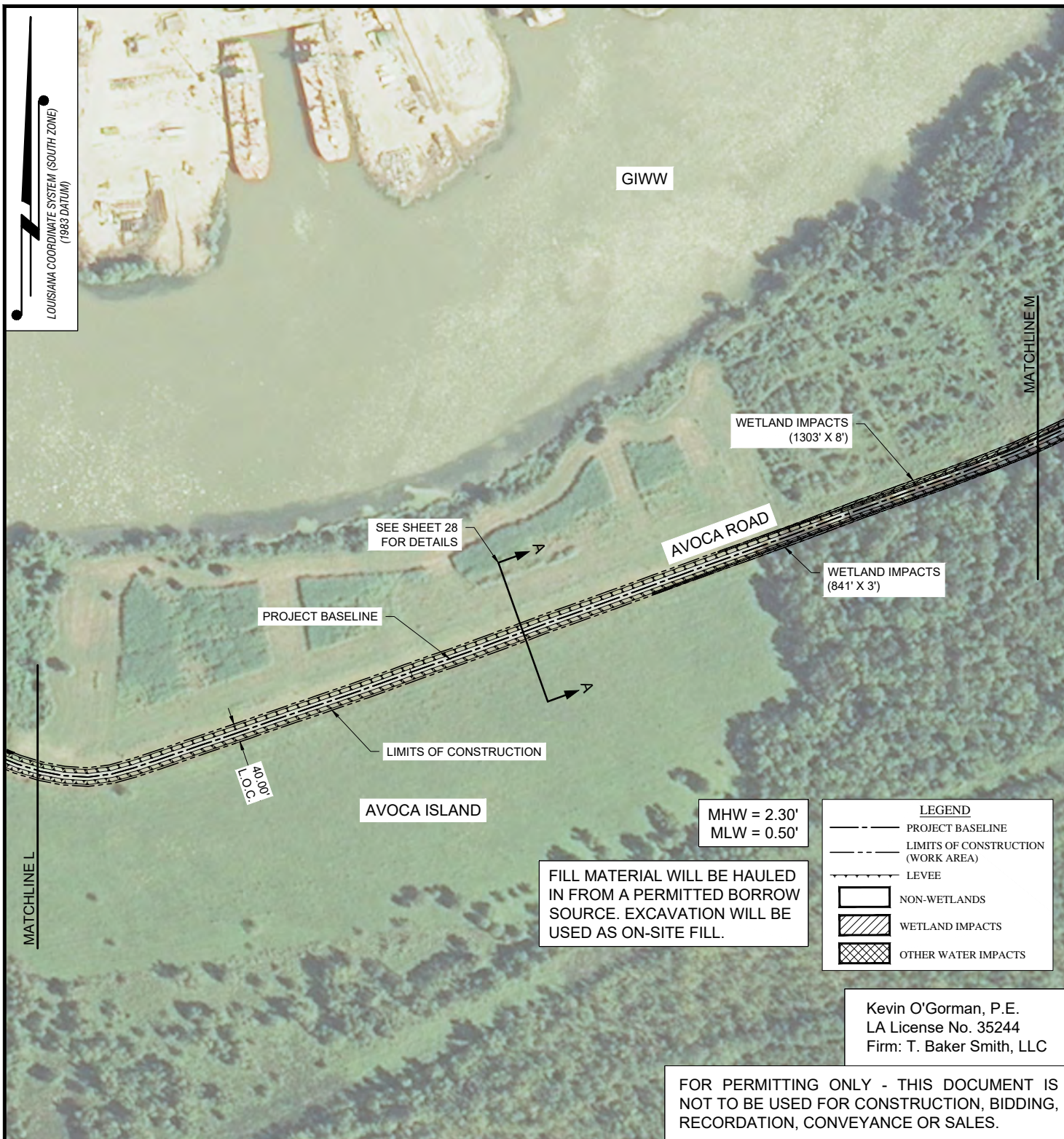
DRAWN BY: ADS	APPROVED BY: KLB	PLAN VIEW 12
DATE: 09/08/2016	JOB NO: 2012.0525	ST. MARY LEVEE DISTRICT BAYOU CHENE FLOOD PROTECTION PROJECT LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E, & SECTIONS 1 & 12, T17S-R13E ST. MARY PARISH, LOUISIANA
DRAWING NAME: 3-24 PERMIT PLAN.DWG		
SHEET NO: 14 OF 37		
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET		



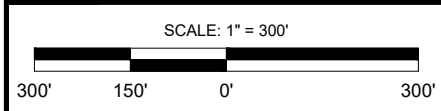
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DATE:	09/08/2016	JOB NO:	2012.0525
DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	15	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



PLAN VIEW 13

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA



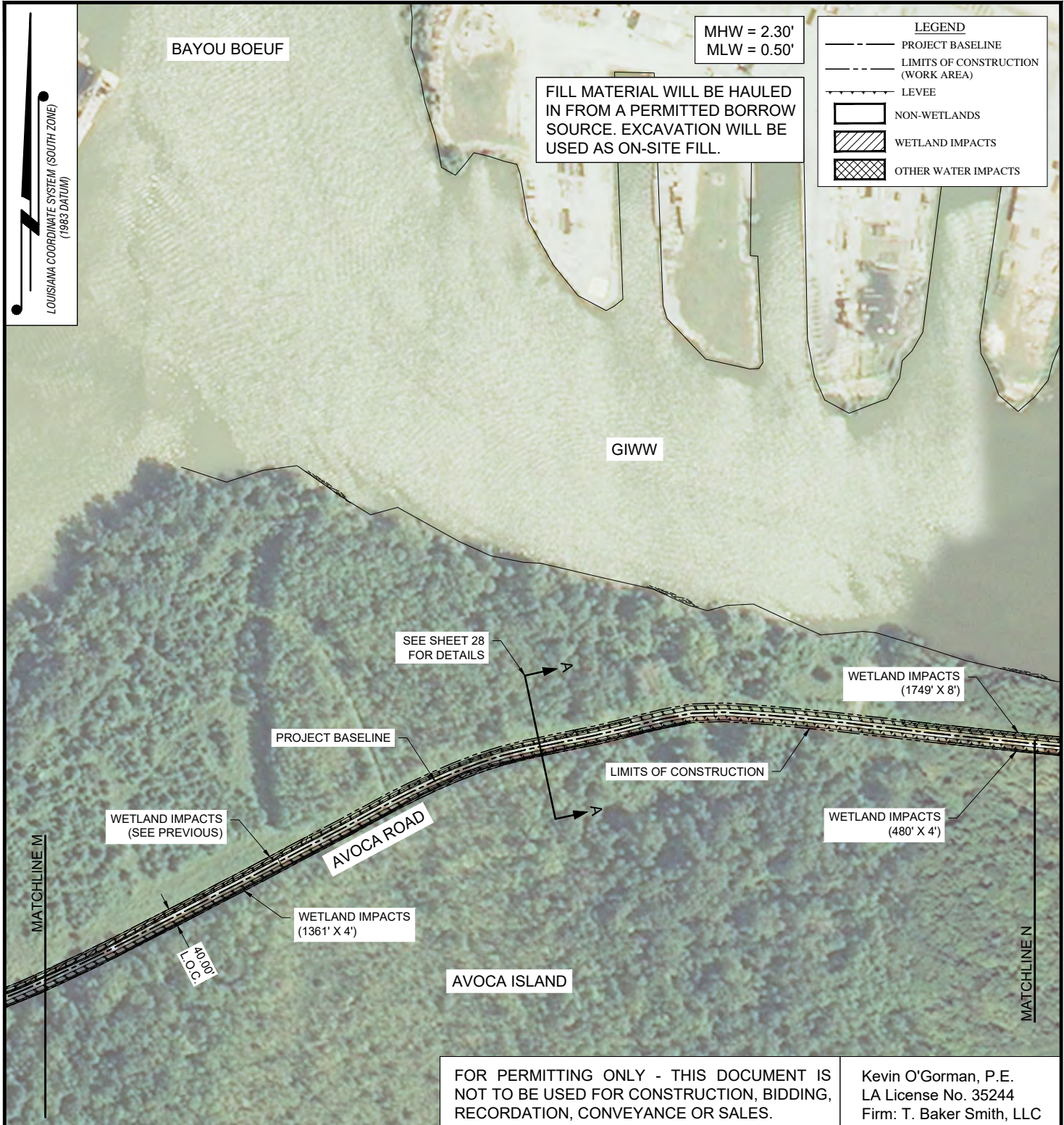
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 Firm: T. Baker Smith, LLC

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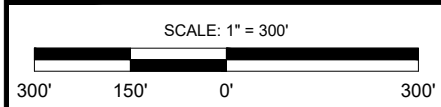
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PROJECTION:	PROJECTION		
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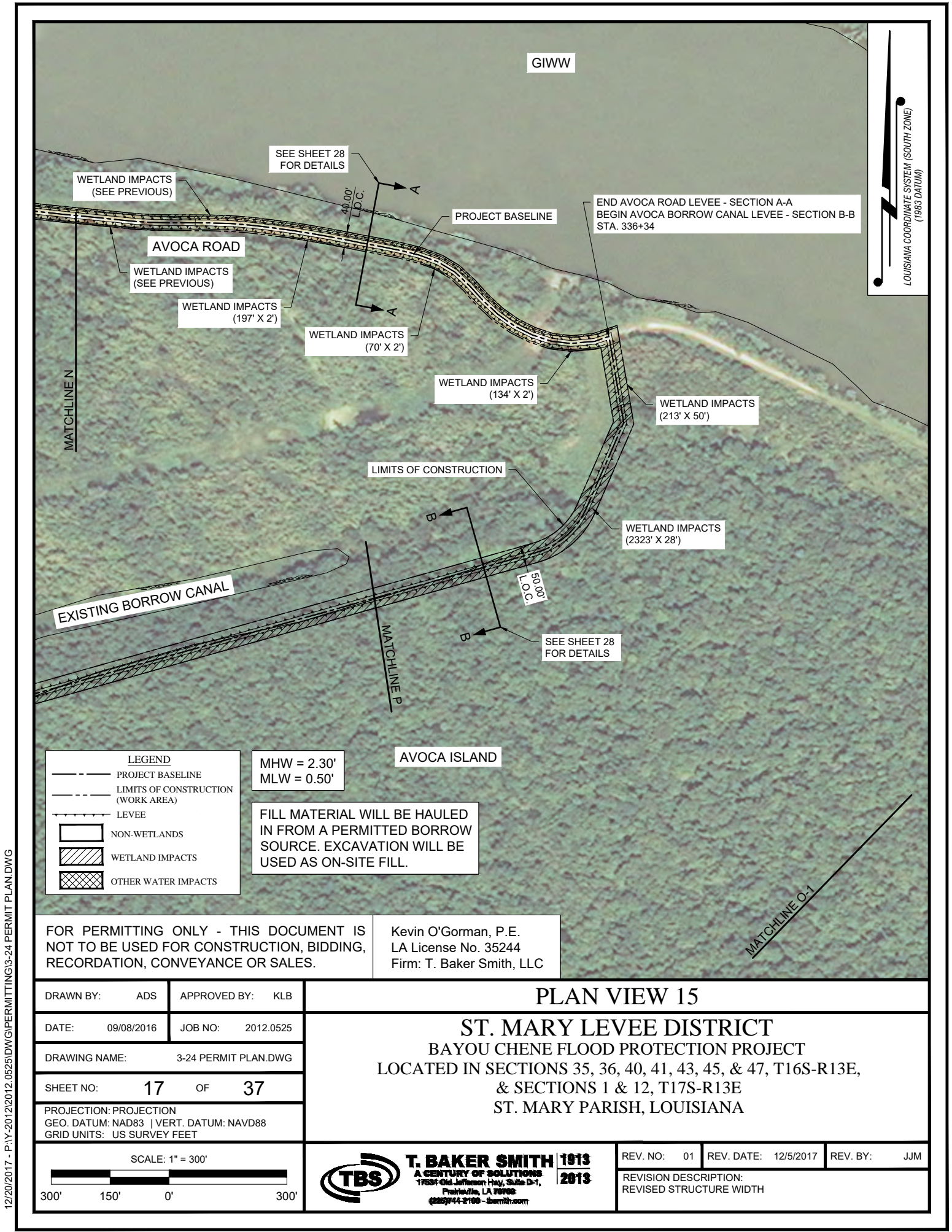


PLAN VIEW 14

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

T. BAKER SMITH 1913
2013

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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					



GIWW

SEE SHEET 28 FOR DETAILS

WETLAND IMPACTS (SEE PREVIOUS)

AVOCA ROAD

WETLAND IMPACTS (SEE PREVIOUS)

WETLAND IMPACTS (197' X 2')

WETLAND IMPACTS (70' X 2')

PROJECT BASELINE

END AVOCA ROAD LEVEE - SECTION A-A
BEGIN AVOCA BORROW CANAL LEVEE - SECTION B-B
STA. 336+34

MATCHLINE N

WETLAND IMPACTS (134' X 2')

WETLAND IMPACTS (213' X 50')

LIMITS OF CONSTRUCTION

WETLAND IMPACTS (2323' X 28')

EXISTING BORROW CANAL

50.00' L.O.C.

SEE SHEET 28 FOR DETAILS

MATCHLINE P

AVOCA ISLAND

LEGEND

- PROJECT BASELINE
- LIMITS OF CONSTRUCTION (WORK AREA)
- LEVEE
- NON-WETLANDS
- ▨ WETLAND IMPACTS
- ▩ OTHER WATER IMPACTS

MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

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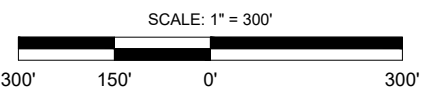
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MATCHLINE O-1

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SHEET NO.:	17	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 15

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA

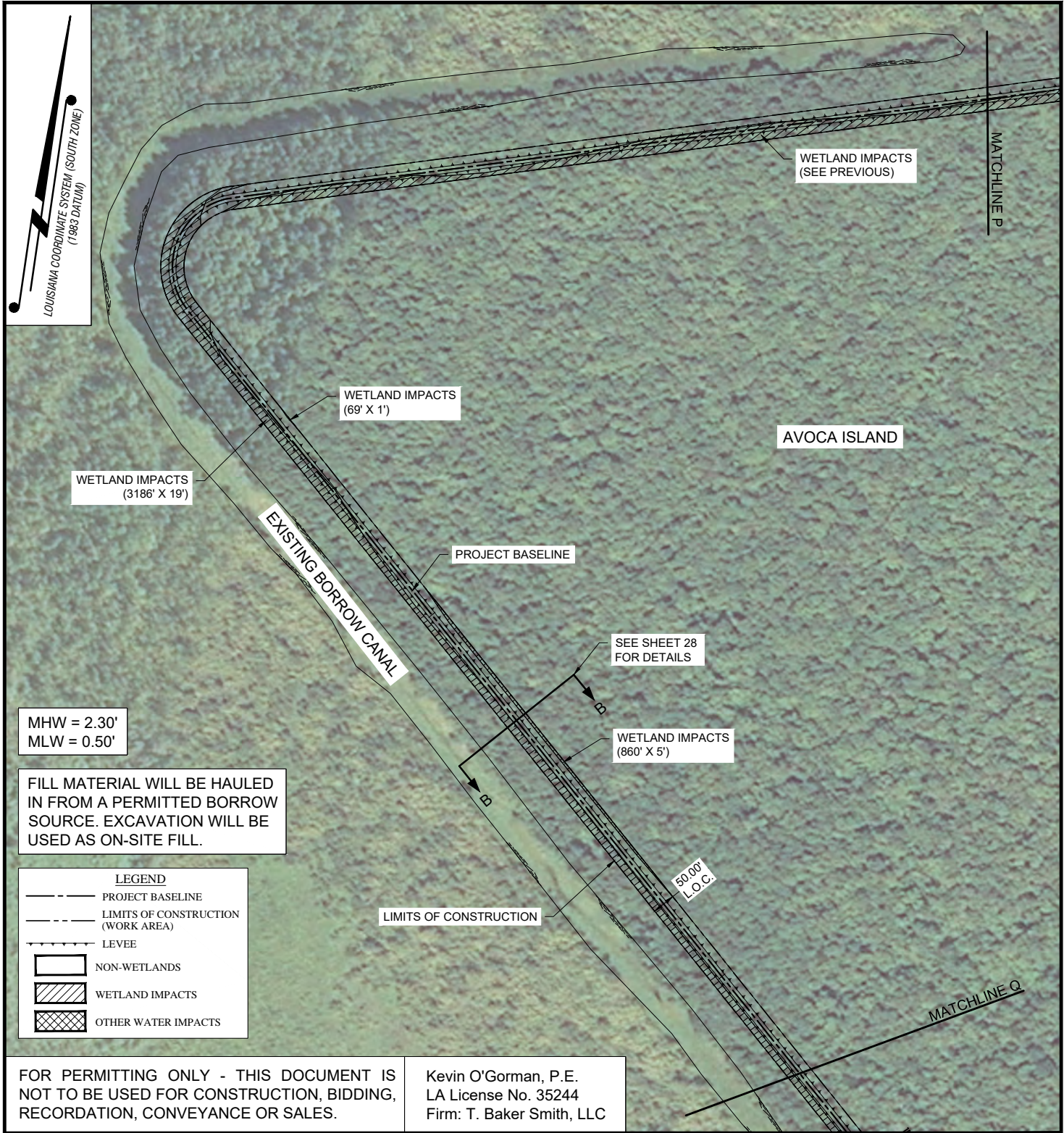


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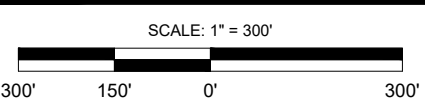
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SHEET NO:	18	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 16

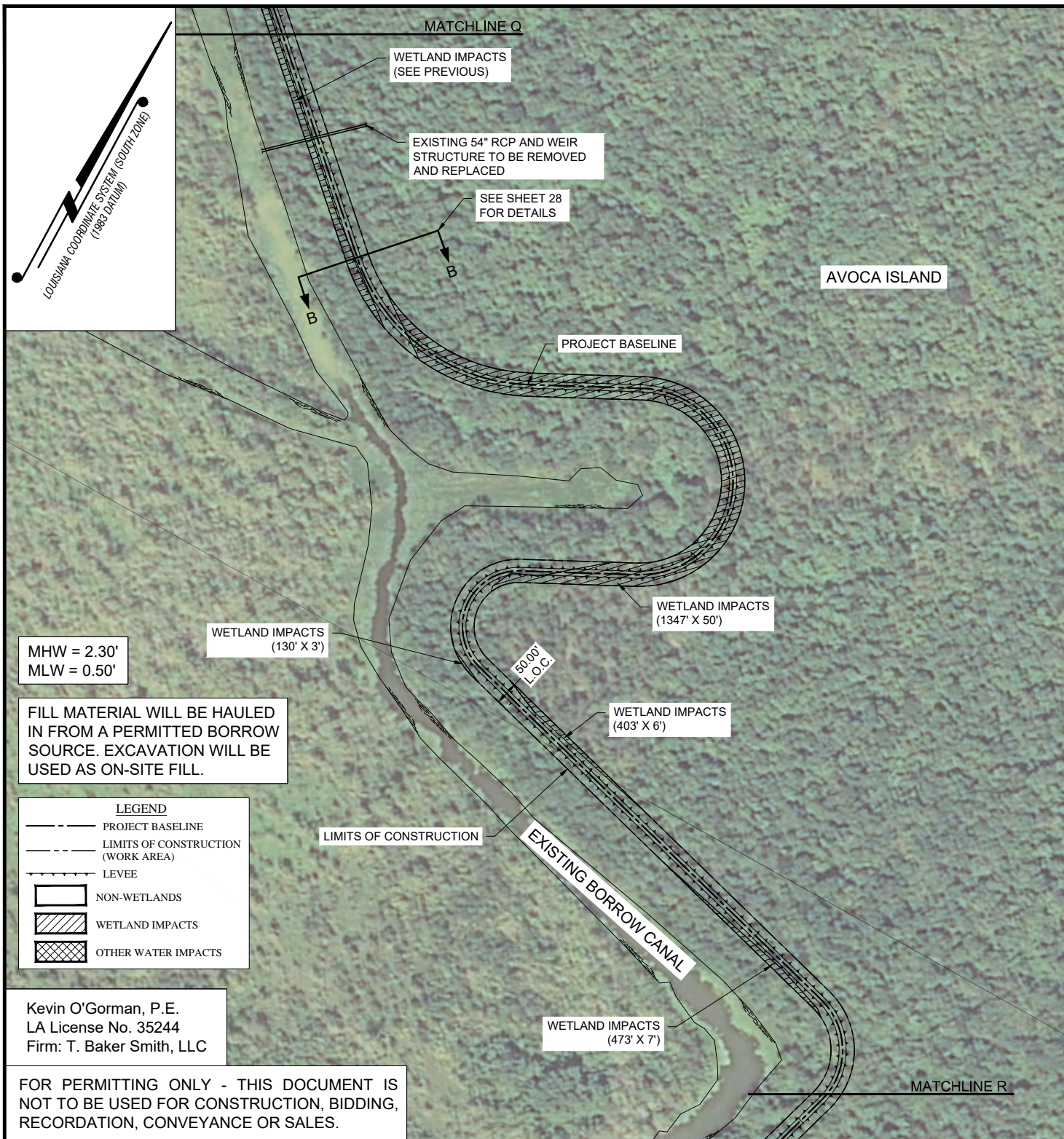
ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA



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Prairieville, LA 70768
225.744.2100 - tbsmith.com

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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

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MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

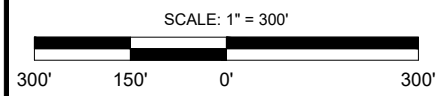
LEGEND

- PROJECT BASELINE
- - - LIMITS OF CONSTRUCTION (WORK AREA)
- ===== LEVEE
- NON-WETLANDS
- ▨ WETLAND IMPACTS
- ▩ OTHER WATER IMPACTS

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

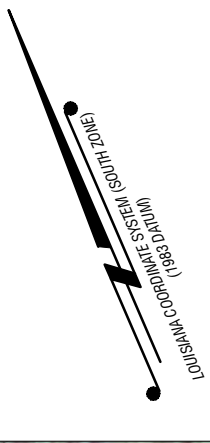


PLAN VIEW 17

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

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	REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

AVOCA ISLAND



MATCHLINE R

LIMITS OF CONSTRUCTION

50.00'
L.O.C.

SEE SHEET 28
FOR DETAILS

WETLAND IMPACTS
(674' X 14')

PROJECT BASELINE

END AVOCA BORROW CANAL LEVEE - SECTION B-B
BEGIN BAYOU CHENE STRUCTURE - SEE ENLARGED
PLAN SHEET 25 FOR DETAILS
STA. 434+56

WETLAND IMPACTS
(97' X 50')

MATCHLINE S

EXISTING BORROW CANAL

MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED
IN FROM A PERMITTED BORROW
SOURCE. EXCAVATION WILL BE
USED AS ON-SITE FILL.

LEGEND	
	PROJECT BASELINE
	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

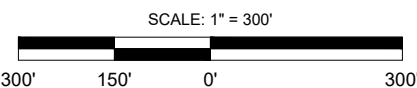
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LA License No. 35244
Firm: T. Baker Smith, LLC

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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	20	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 18

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA

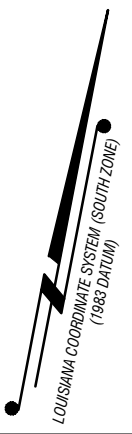
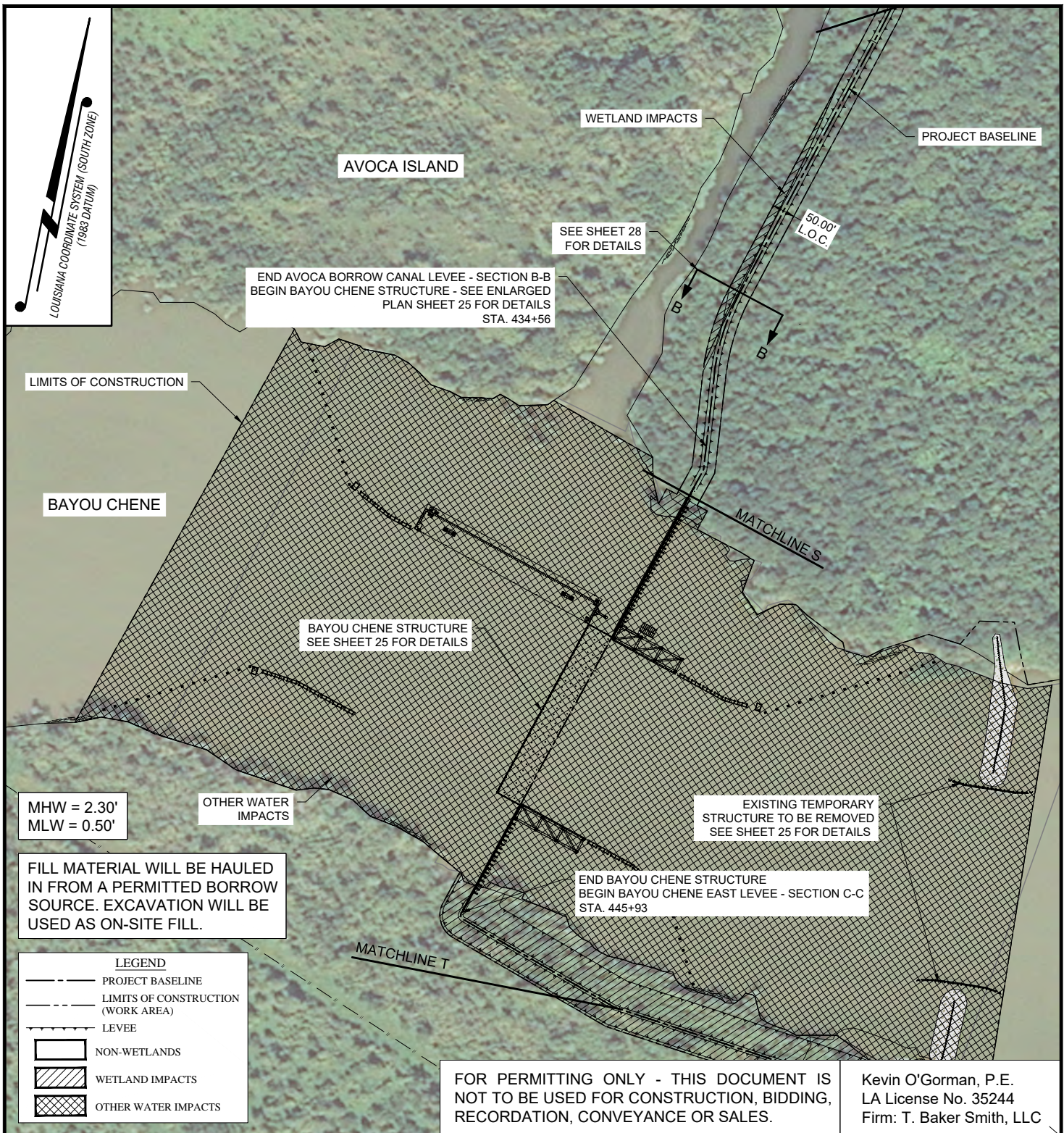


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Prairieville, LA 70366
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REVISION DESCRIPTION:
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LIMITS OF CONSTRUCTION

BAYOU CHENE

AVOCA ISLAND

WETLAND IMPACTS

PROJECT BASELINE

SEE SHEET 28 FOR DETAILS

END AVOCA BORROW CANAL LEVEE - SECTION B-B
BEGIN BAYOU CHENE STRUCTURE - SEE ENLARGED
PLAN SHEET 25 FOR DETAILS
STA. 434+56

50.00'
L.O.C.

MATCHLINE S

BAYOU CHENE STRUCTURE
SEE SHEET 25 FOR DETAILS

MHW = 2.30'
MLW = 0.50'

OTHER WATER
IMPACTS

EXISTING TEMPORARY
STRUCTURE TO BE REMOVED
SEE SHEET 25 FOR DETAILS

FILL MATERIAL WILL BE HAULED
IN FROM A PERMITTED BORROW
SOURCE. EXCAVATION WILL BE
USED AS ON-SITE FILL.

END BAYOU CHENE STRUCTURE
BEGIN BAYOU CHENE EAST LEVEE - SECTION C-C
STA. 445+93

MATCHLINE T

LEGEND	
	PROJECT BASELINE
	LIMITS OF CONSTRUCTION (WORK AREA)
	LEVEE
	NON-WETLANDS
	WETLAND IMPACTS
	OTHER WATER IMPACTS

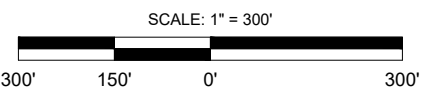
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LA License No. 35244
Firm: T. Baker Smith, LLC

DRAWN BY:	ADS	APPROVED BY:	KLB
DATE:	09/08/2016	JOB NO:	2012.0525
DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	21	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 19

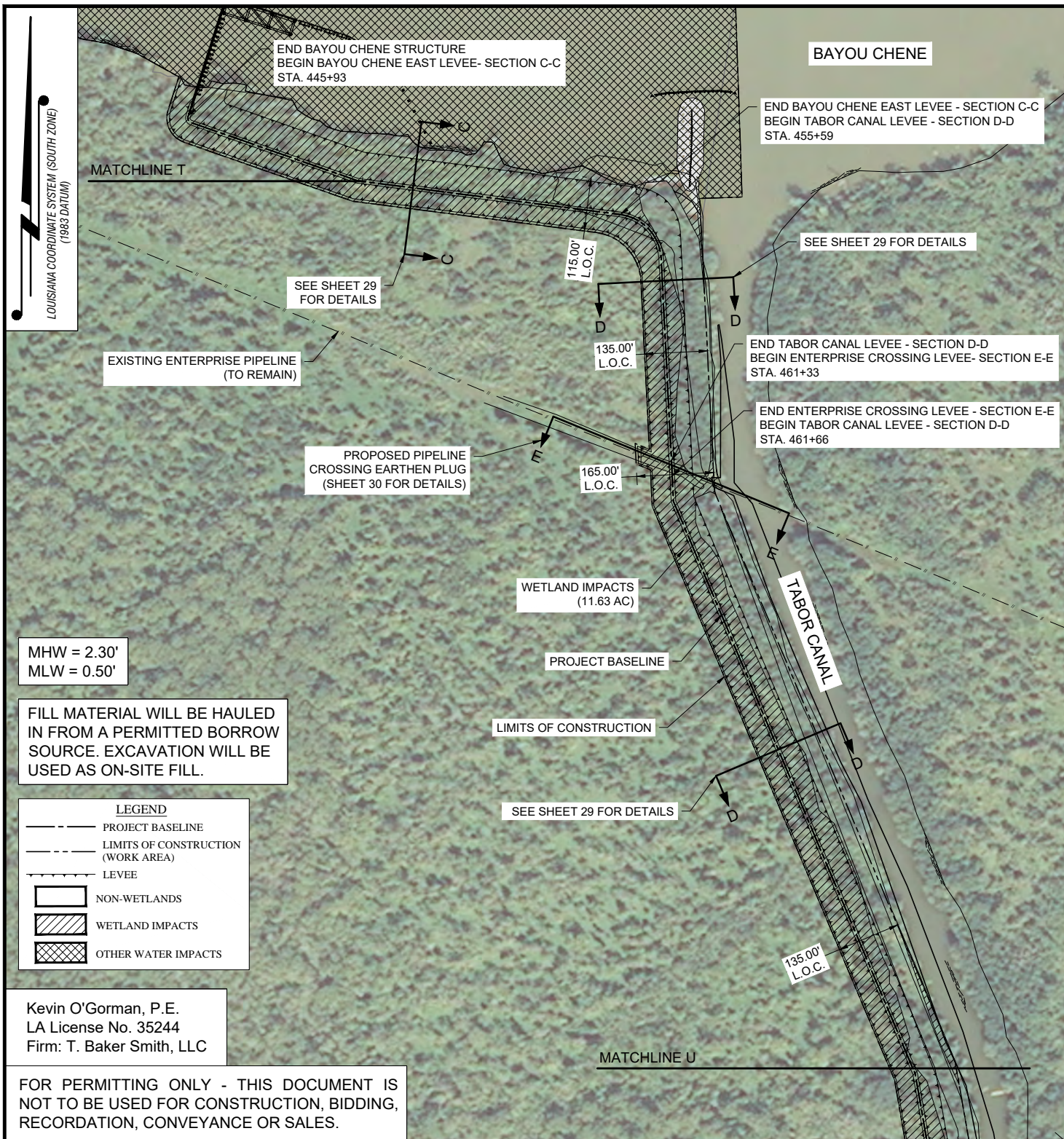
ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA



T. BAKER SMITH 1913
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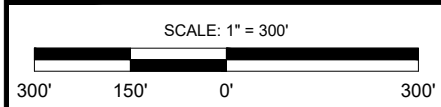
12/20/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\3-24 PERMIT PLAN.DWG



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DATE:	09/08/2016	JOB NO:	2012.0525
DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	22	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



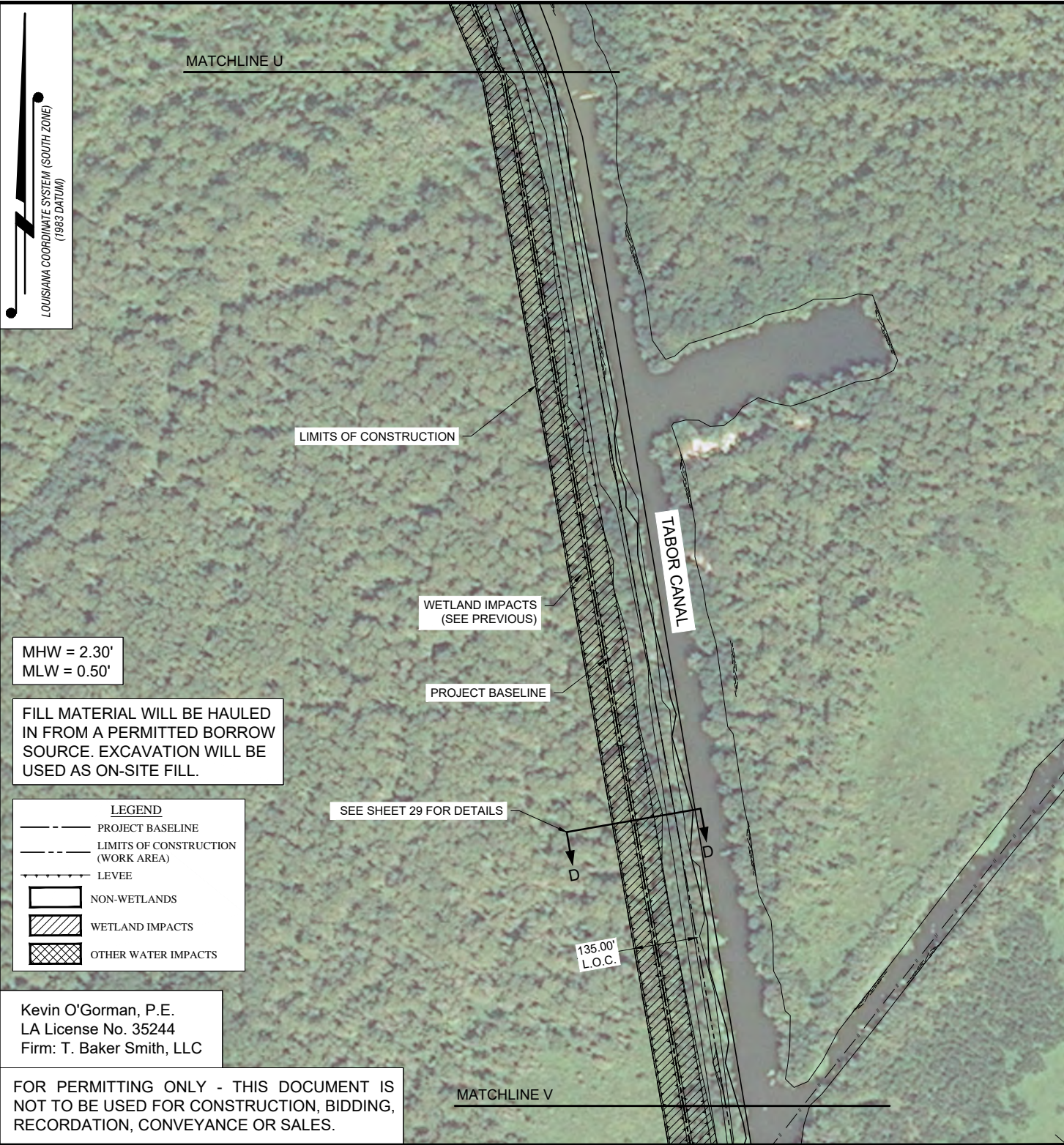
PLAN VIEW 20

ST. MARY LEVEE DISTRICT
 BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

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MHW = 2.30'
MLW = 0.50'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

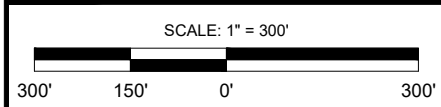
LEGEND

- PROJECT BASELINE
- LIMITS OF CONSTRUCTION (WORK AREA)
- LEVEE
- NON-WETLANDS
- ▨ WETLAND IMPACTS
- ▩ OTHER WATER IMPACTS

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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	23	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		



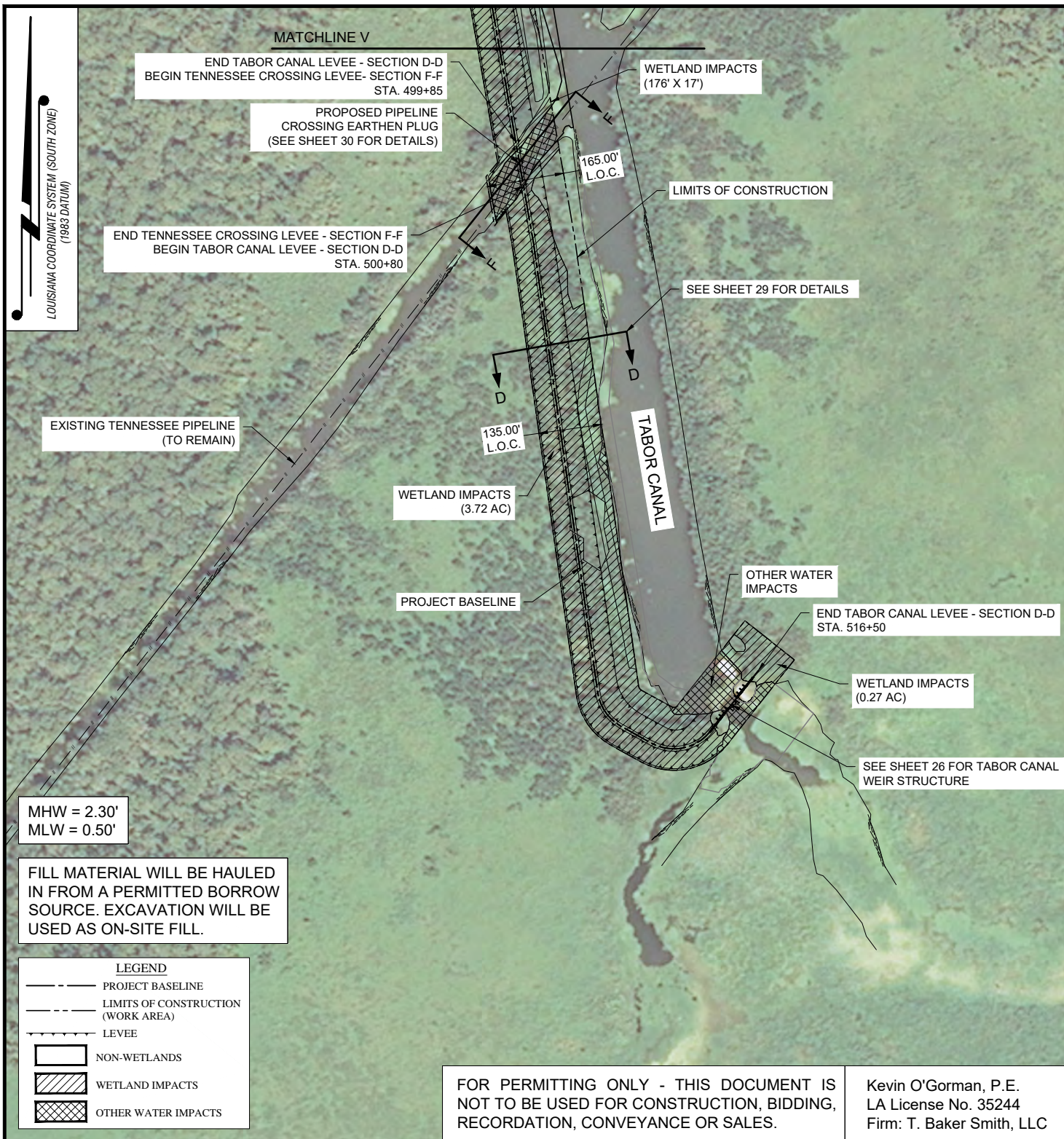
PLAN VIEW 21

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA

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Prairieville, LA 70369
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REV. NO:	01	REV. DATE:	12/5/2017	REV. BY:	JJM
REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

12/20/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\3-24 PERMIT PLAN.DWG



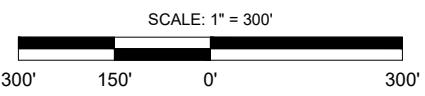
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DRAWING NAME:	3-24 PERMIT PLAN.DWG		
SHEET NO:	24	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

PLAN VIEW 22

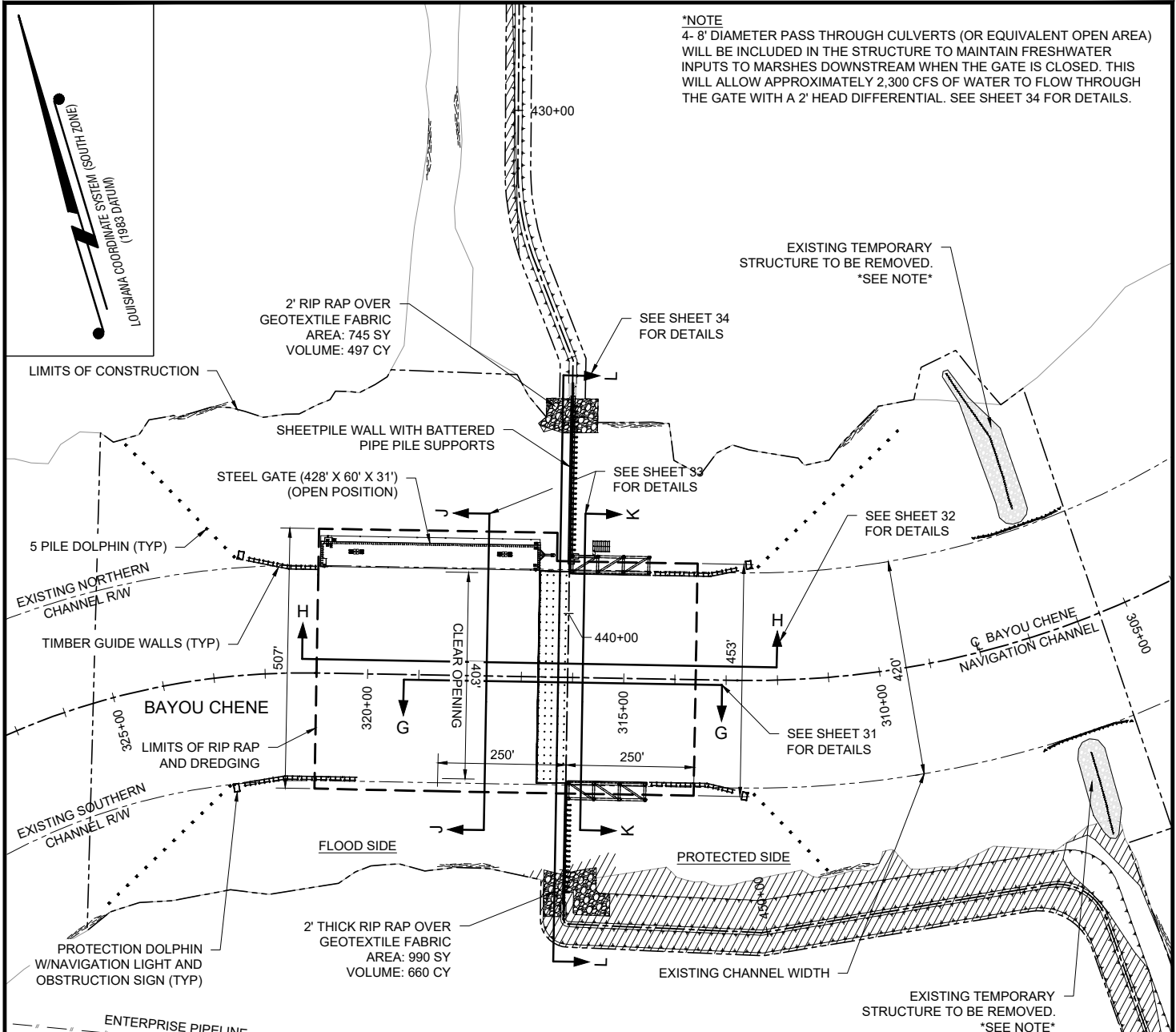
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*NOTE
 4- 8' DIAMETER PASS THROUGH CULVERTS (OR EQUIVALENT OPEN AREA) WILL BE INCLUDED IN THE STRUCTURE TO MAINTAIN FRESHWATER INPUTS TO MARSHES DOWNSTREAM WHEN THE GATE IS CLOSED. THIS WILL ALLOW APPROXIMATELY 2,300 CFS OF WATER TO FLOW THROUGH THE GATE WITH A 2' HEAD DIFFERENTIAL. SEE SHEET 34 FOR DETAILS.



LEGEND

- PROJECT BASELINE
- - - LIMITS OF CONSTRUCTION
- LEVEE
- - - LIMITS OF RIP RAP AND DREDGING
- NON-WETLANDS/OTHER WATERS
- ▨ WETLAND IMPACTS

*TEMPORARY STRUCTURE REMOVAL
 ALL EXISTING MATERIALS WHICH ARE A PART OF THE BAYOU CHENE EMERGENCY STRUCTURE (PERMIT NO. MVN-2011-2288-WJJ) SHALL BE REMOVED AS A PART OF THIS PERMIT. MATERIALS REMOVED FROM THE EXISTING STRUCTURE SHALL BE RE-USED ON OTHER PORTIONS OF WORK OUTLINED IN THE PERMIT DRAWINGS AND/OR HAULED OFFSITE TO A NON-WETLAND SITE.

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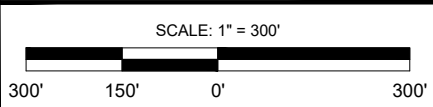
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DATE:	09/08/2016	JOB NO.:	2012.0525
DRAWING NAME:	25-27 ENLARGED PLANS.DWG		
SHEET NO.:	25	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

BAYOU CHENE STRUCTURE

ST. MARY LEVEE DISTRICT

BAYOU CHENE FLOOD PROTECTION PROJECT

LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
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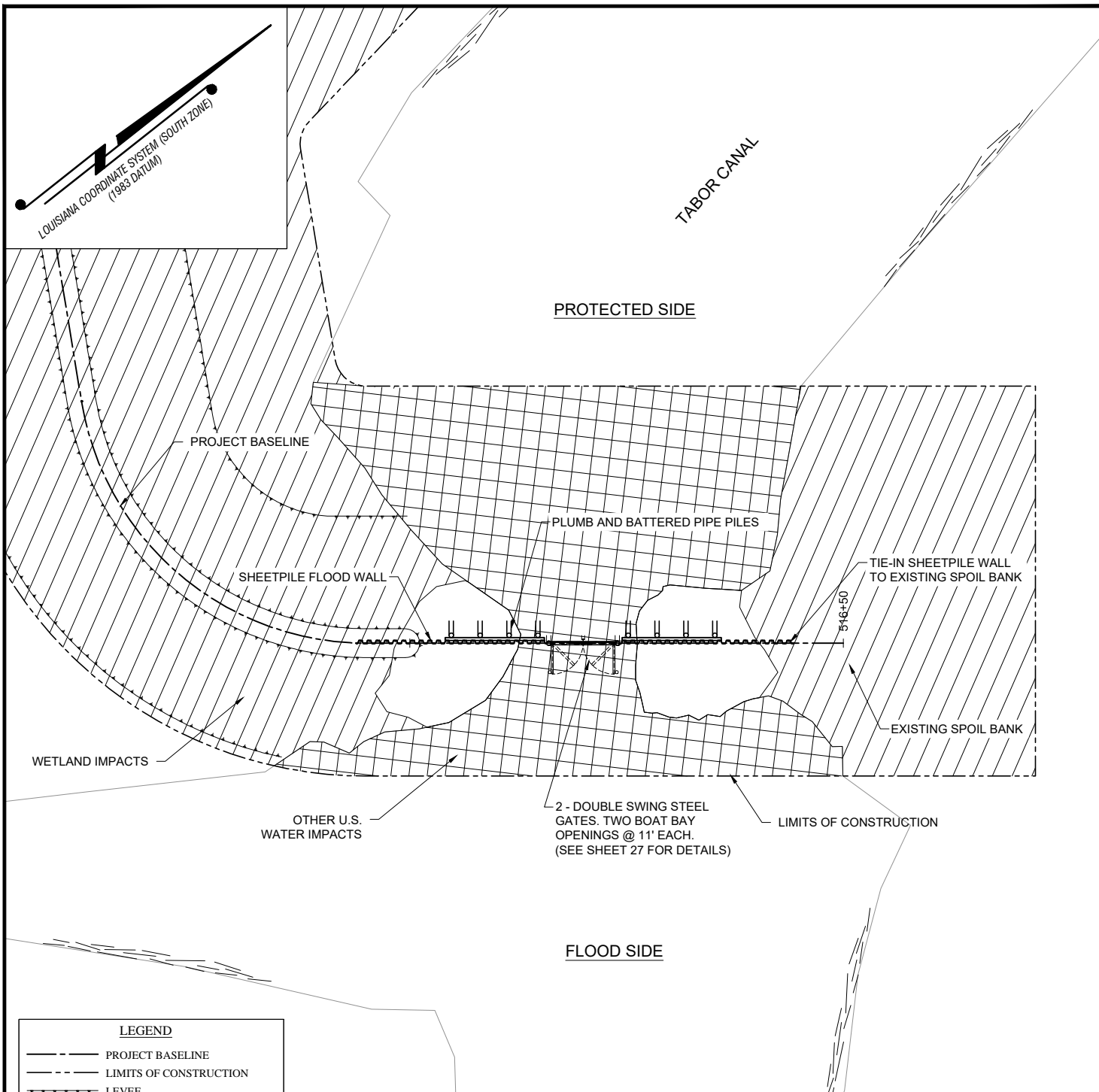


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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

12/21/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\25-27 ENLARGED PLANS.DWG

12/7/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\25-27 ENLARGED PLANS.DWG



LEGEND

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- WETLAND IMPACTS

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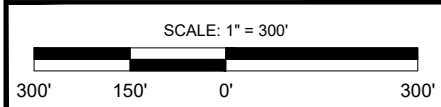
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Firm: T. Baker Smith, LLC

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DATE:	09/08/2016	JOB NO:	2012.0525
DRAWING NAME:	25-27 ENLARGED PLANS.DWG		
SHEET NO:	26	OF	37
PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

TABOR CANAL WEIR STRUCTURE

ST. MARY LEVEE DISTRICT

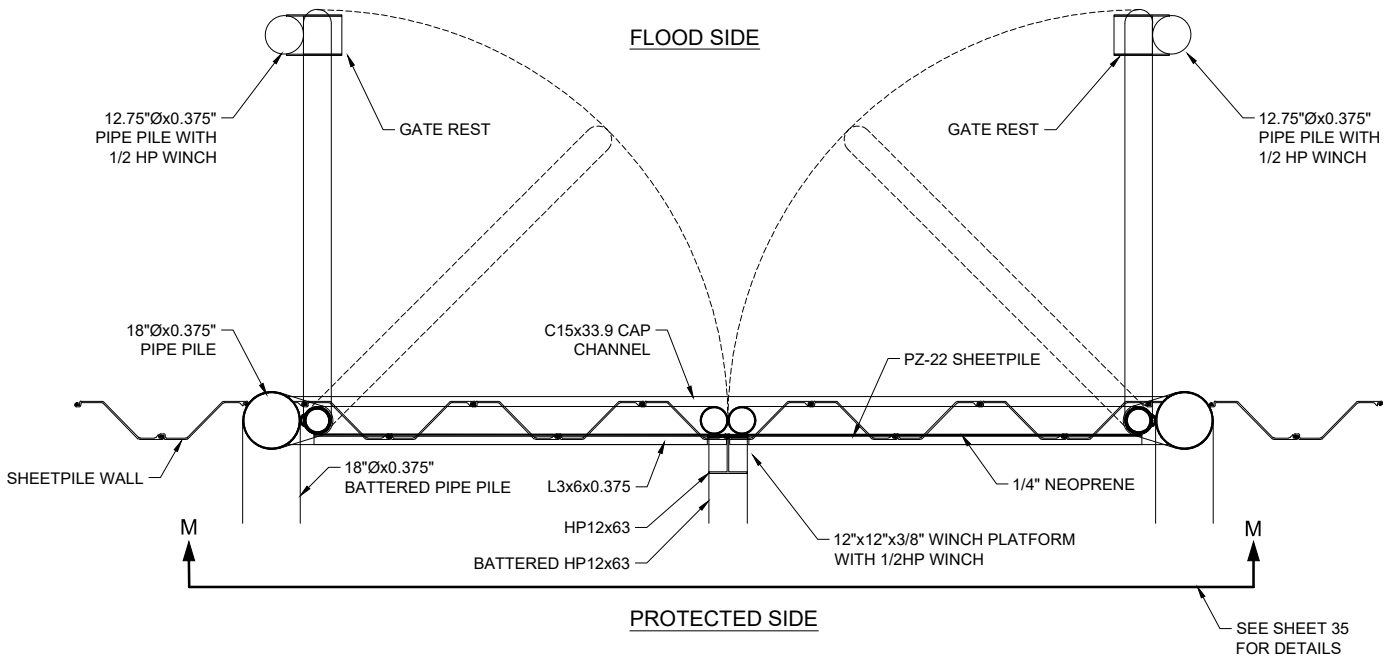
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STEEL GATE DETAILED PLAN VIEW
SCALE: 1" = 5'

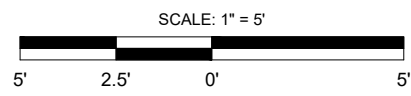
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Firm: T. Baker Smith, LLC

TABOR CANAL STEEL GATE DETAIL

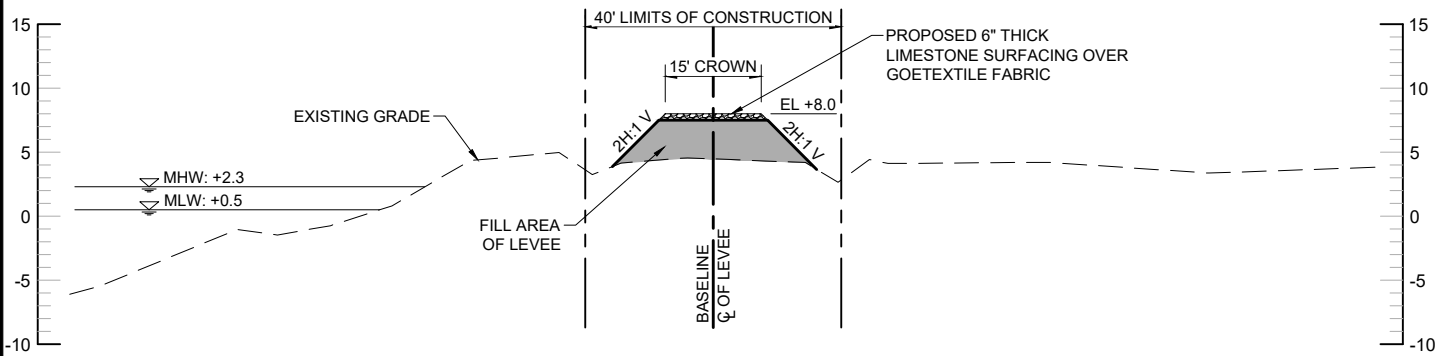
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DATE: 09/08/2016	JOB NO: 2012.0525
DRAWING NAME: 25-27 ENLARGED PLANS.DWG	
SHEET NO: 27 OF 37	
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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH		



CROSS SECTION A-A - TYPICAL AVOCA ROAD LEVEE

STA. 2+16 - 336+34

HORIZONTAL SCALE: 1" = 30'

VERTICAL SCALE: 1" = 15'

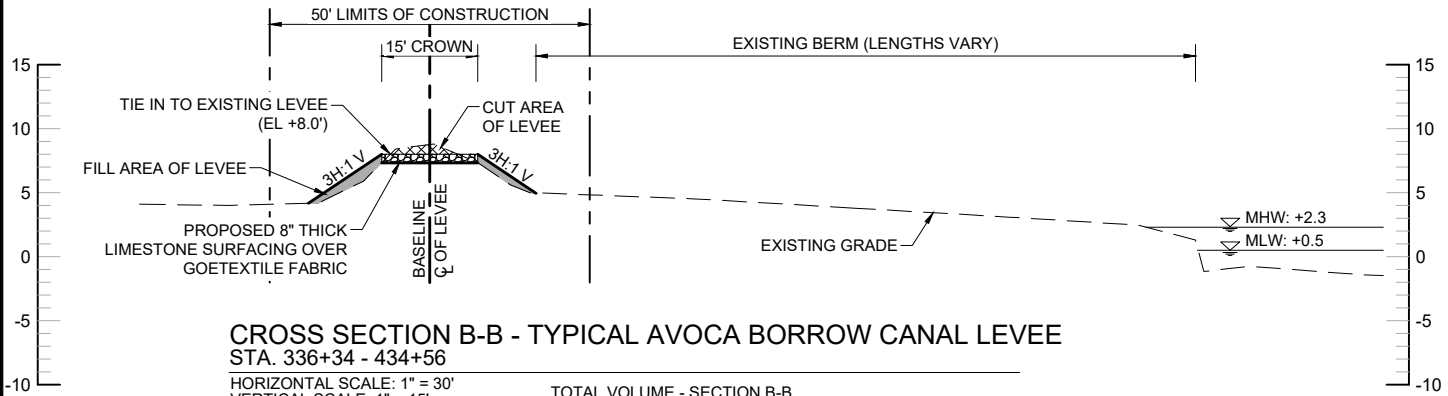
TOTAL VOLUME - SECTION A-A

FILL - LIMESTONE	9,902± (CY)
FILL - EARTHEN	90,547± (CY)

TOTAL AREA - SECTION A-A

FILL	23.02± (AC)
------	-------------

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.



CROSS SECTION B-B - TYPICAL AVOCA BORROW CANAL LEVEE

STA. 336+34 - 434+56

HORIZONTAL SCALE: 1" = 30'

VERTICAL SCALE: 1" = 15'

TOTAL VOLUME - SECTION B-B

FILL - LIMESTONE	3,700± (CY)
FILL - EARTHEN	3,700± (CY)
EXCAVATED	3,700± (CY)

TOTAL AREA - SECTION B-B

FILL	4.64± (AC)
EXCAVATED	3.38± (AC)

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

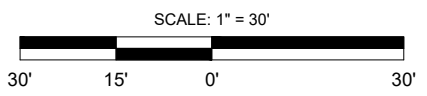
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LA License No. 35244
Firm: T. Baker Smith, LLC

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DATE:	09/08/2016	JOB NO.:	2012.0525
DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG			
SHEET NO.:	28	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

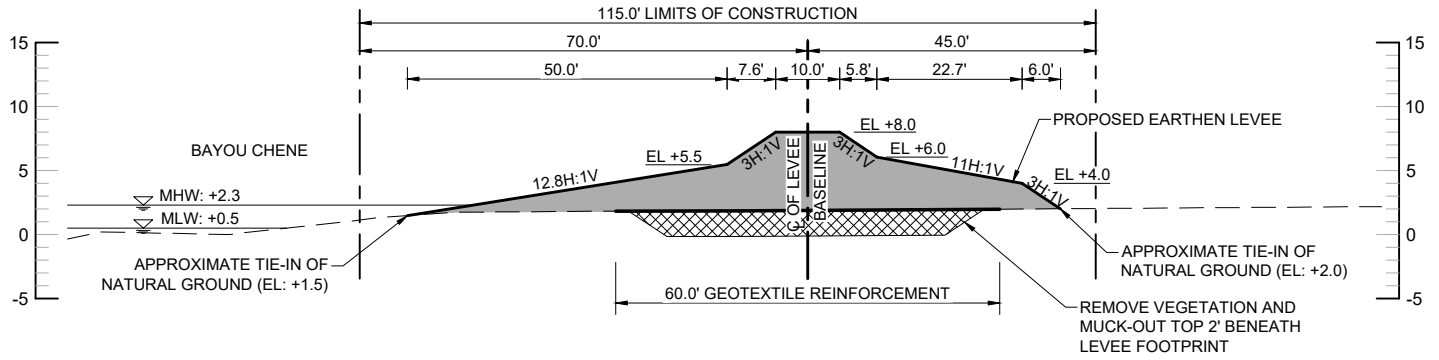
TYPICAL SECTIONS

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
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ST. MARY PARISH, LOUISIANA



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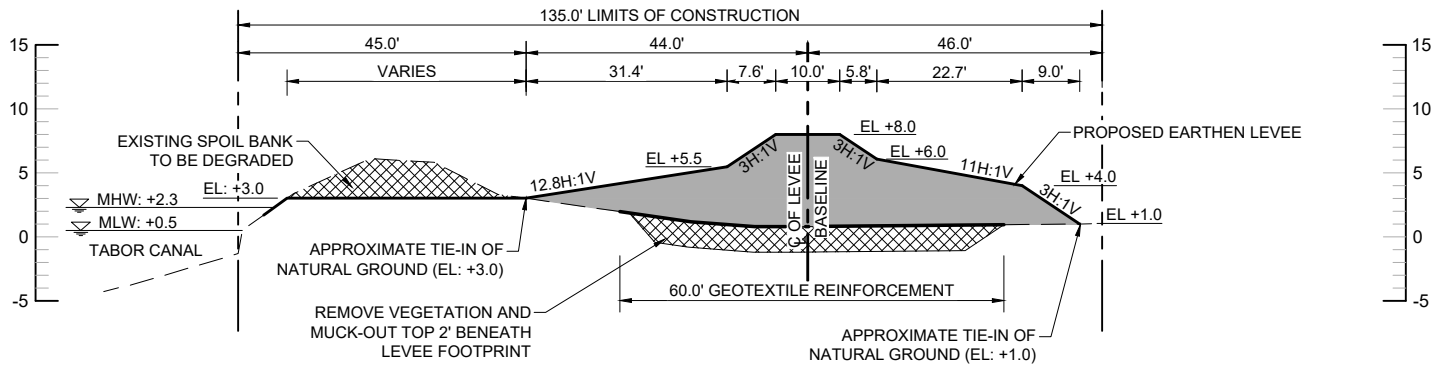
CROSS SECTION C-C - TYPICAL BAYOU CHENE EAST LEVEE

STA. 445+93 - 455+59
 HORIZONTAL SCALE: 1" = 30'
 VERTICAL SCALE: 1" = 15'

TOTAL VOLUME - SECTION C-C	
FILL	13,900± (CY)
EXCAVATED	3,550± (CY)

TOTAL AREA - SECTION C-C	
FILL	2.26± (AC)
EXCAVATED	1.24± (AC)

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.



CROSS SECTION D-D - TYPICAL TABOR CANAL LEVEE

STA. 455+59 - 516+50
 HORIZONTAL SCALE: 1" = 30'
 VERTICAL SCALE: 1" = 15'

TOTAL VOLUME - SECTION D-D	
FILL	99,490± (CY)
EXCAVATED	39,260± (CY)

TOTAL AREA - SECTION D-D	
FILL	11.83± (AC)
EXCAVATED	13.30± (AC)

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

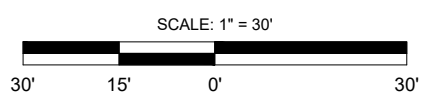
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DATE: 09/08/2016	JOB NO: 2012.0525
DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG	
SHEET NO: 29	OF 37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	

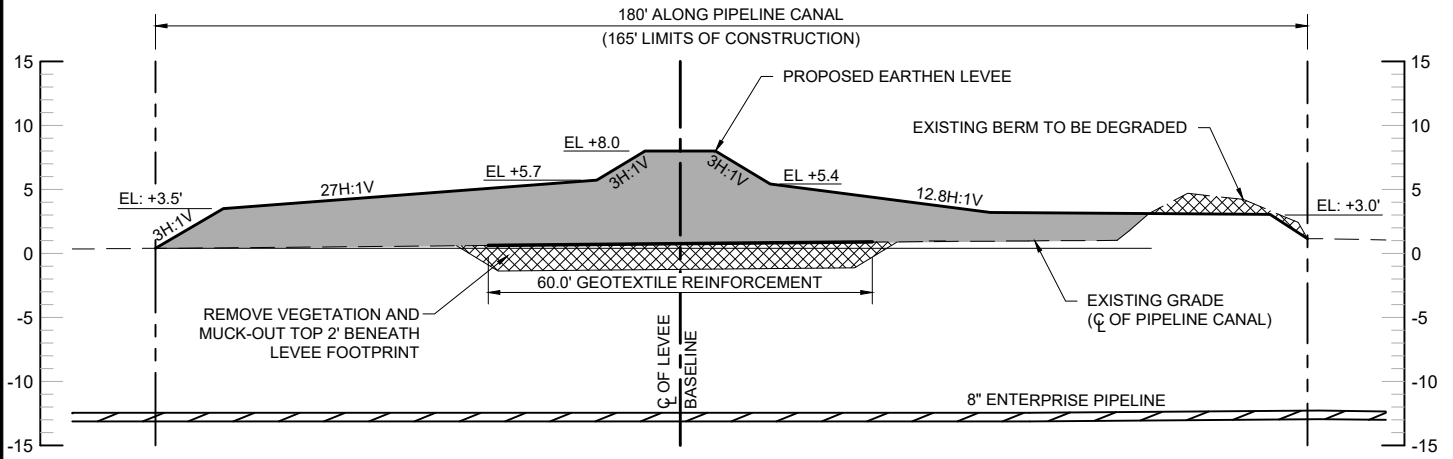
TYPICAL SECTIONS

ST. MARY LEVEE DISTRICT
 BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA



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 Prairieville, LA 70069
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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH		



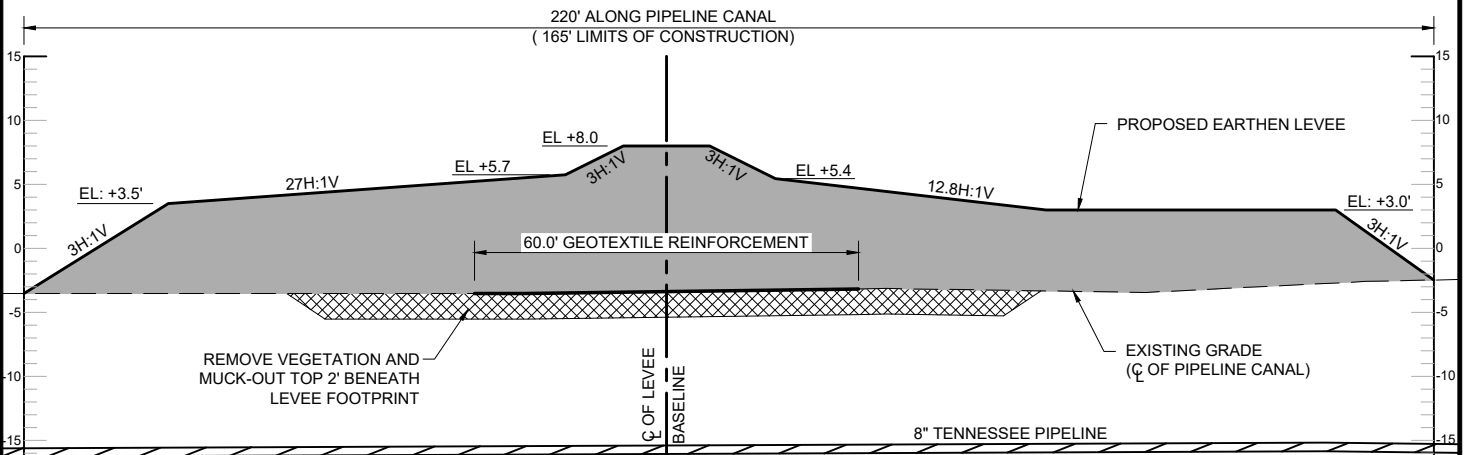
CROSS SECTION E-E - ENTERPRISE PRODUCTS PIPELINE CROSSING LEVEE

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 15'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

TOTAL VOLUME - SECTION E-E	
FILL	880± (CY)
EXCAVATED	180± (CY)
TOTAL AREA - SECTION E-E	
FILL	0.15± (AC)
EXCAVATED	0.07± (AC)

NOTE:
LEVEE SECTION SHOWN IS SKEWED TO REPRESENT THE PROPOSED LEVEE ALONG PIPELINE CANAL.



CROSS SECTION F-F - TENNESSEE GAS PIPELINE CROSSING LEVEE

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 15'

FILL MATERIAL WILL BE HAULED IN FROM A PERMITTED BORROW SOURCE. EXCAVATION WILL BE USED AS ON-SITE FILL.

TOTAL VOLUME - SECTION F-F	
FILL	6,320± (CY)
EXCAVATED	790± (CY)
TOTAL AREA - SECTION F-F	
FILL	0.49± (AC)
EXCAVATED	0.26± (AC)

NOTE:
LEVEE SECTION SHOWN IS SKEWED TO REPRESENT THE PROPOSED LEVEE ALONG PIPELINE CANAL.

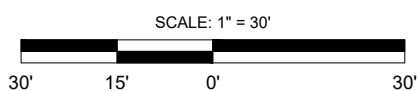
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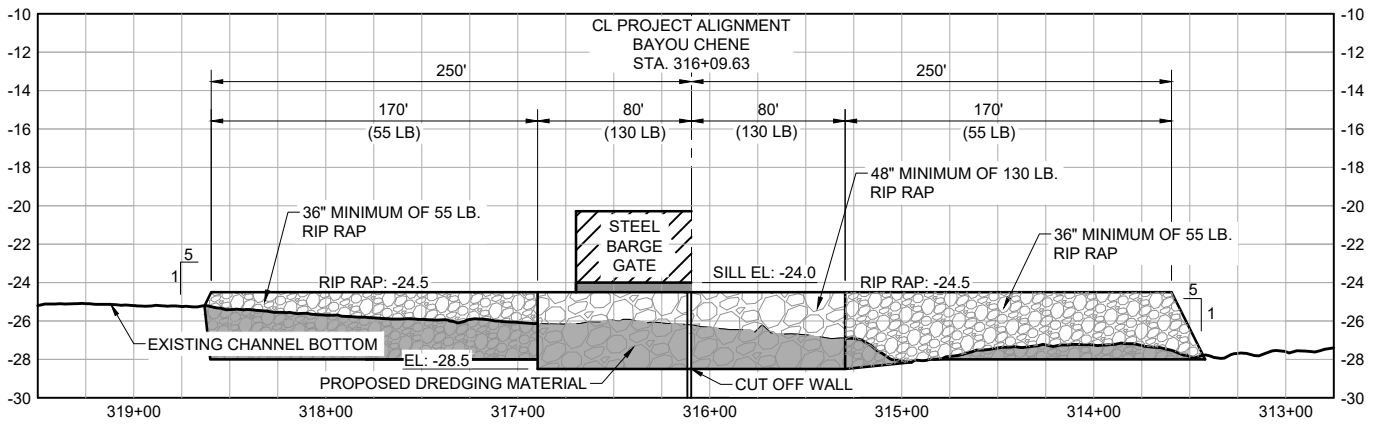
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& SECTIONS 1 & 12, T17S-R13E
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DRAWN BY:	ADS	APPROVED BY:	KLB
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DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG			
SHEET NO.:	30	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			



REV. NO.:	01	REV. DATE:	12/5/2017	REV. BY:	JJM
REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					



- NOTE:
- BARGE GATE SHOWN IN CLOSED POSITION
 - VOLUME AND AREA QUANTITIES ARE SHOWN ON SHEET 33.

CROSS SECTION G-G - BAYOU CHENE CENTERLINE SOUTH

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 50'

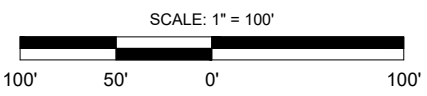
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TYPICAL SECTIONS

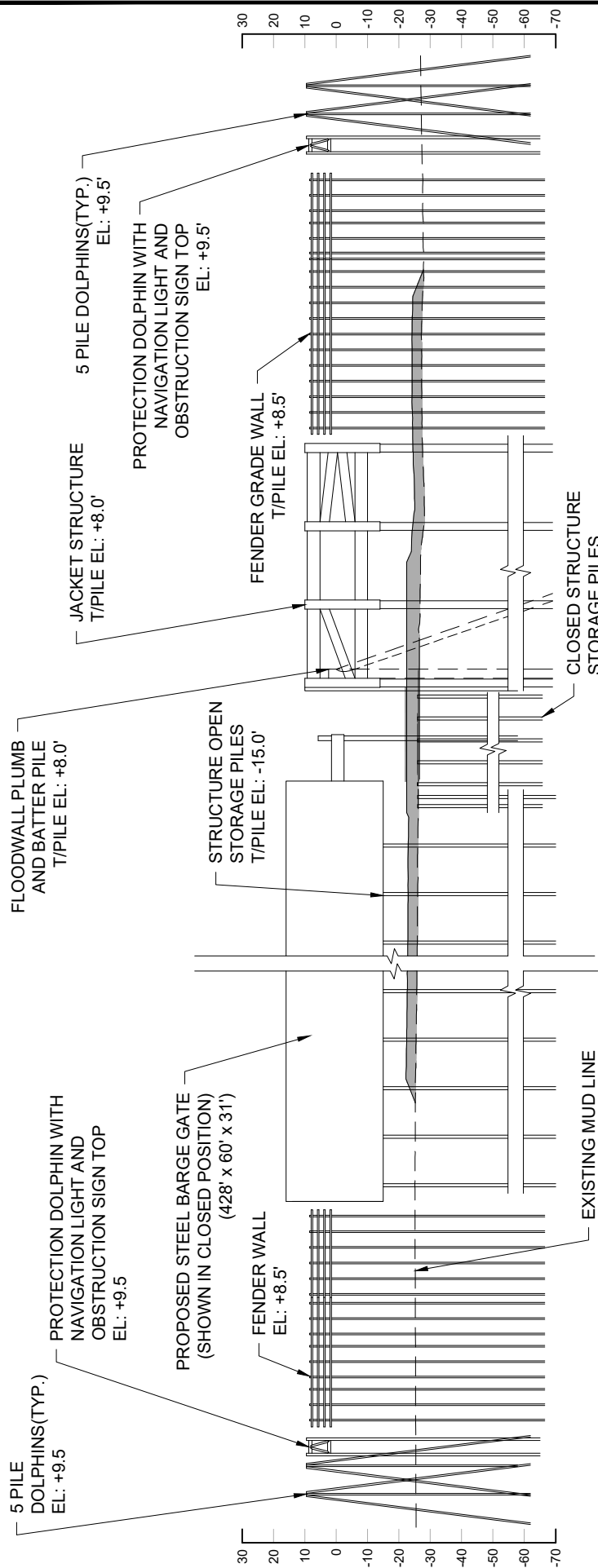
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DRAWN BY: ADS	APPROVED BY: KLB
DATE: 09/08/2016	JOB NO: 2012.0525
DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG	
SHEET NO: 31 OF 37	
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	



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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH		



CROSS SECTION H-H - BAYOU CHENE CENTERLINE NORTH
 HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 50'

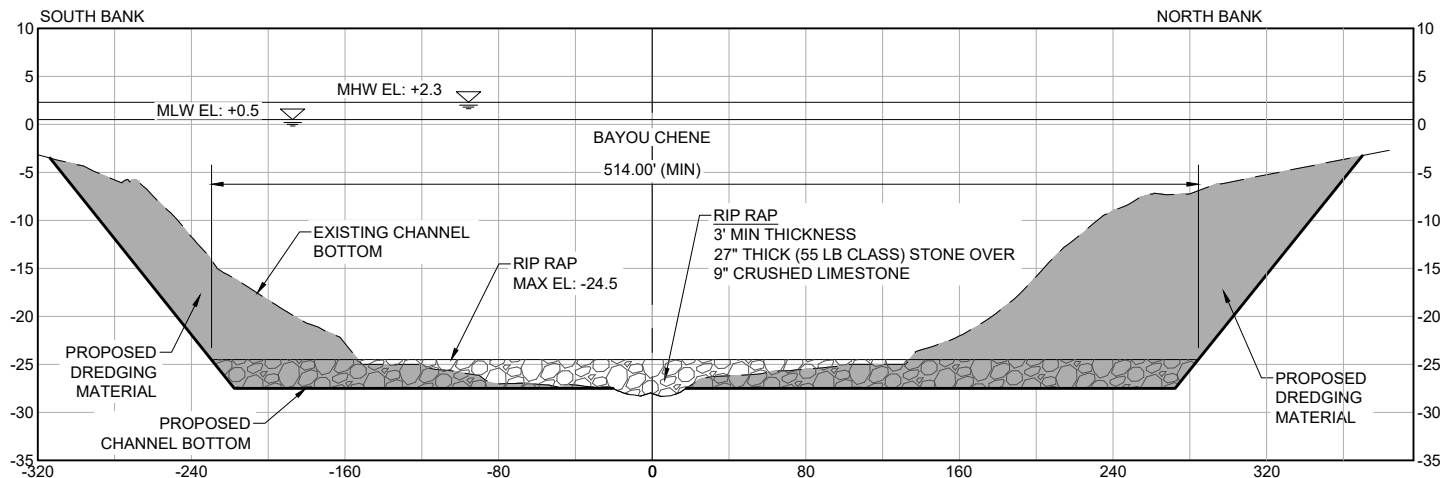
*NOTE
 4-8" DIAMETER PASS THROUGH CULVERTS (OR EQUIVALENT SQUARE FOOT AREA) WILL BE INCLUDED IN THE STRUCTURE TO MAINTAIN FRESHWATER INPUTS TO MARSHES DOWNSTREAM WHEN THE GATE IS CLOSED. THIS WILL ALLOW APPROXIMATELY 2,300 CFS OF WATER TO FLOW THROUGH THE GATE WITH A 2' HEAD DIFFERENTIAL.

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 LA License No. 35244
 Firm: T. Baker Smith, LLC

TYPICAL SECTIONS

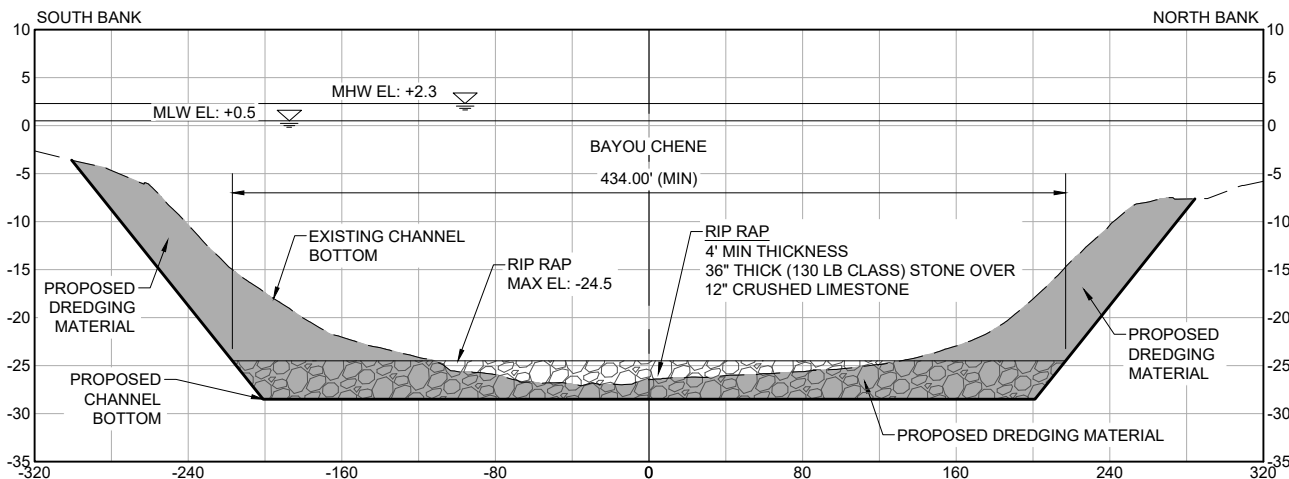
ST. MARY LEVEE DISTRICT
 BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

SCALE: 1" = 5'	DRAWN BY: ADS	APPROVED BY: KLB
5' 2.5' 0' 5'	DATE: 08/31/2016	JOB NO: 2012.0525
	DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG	SHEET NO: 32 OF 37
T. BAKER SMITH A DIVISION OF TERRACON CONSULTANTS 2013 1700 CHALMERS BLVD, SUITE 201 METairie, LA 70002 504-885-3100 - tbaker@tbsmith.com	PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET	REVISION DESCRIPTION: REVISED STRUCTURE WIDTH
REV. NO: 01	REV. DATE: 12/5/2017	REV. BY: JUM



CROSS SECTION J-J - BAYOU CHENE STA. 314+50

HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: 1" = 20'



CROSS SECTION K-K - BAYOU CHENE STA. 315+80

HORIZONTAL SCALE: 1" = 100'
VERTICAL SCALE: 1" = 20'

TOTAL VOLUME OF RIP RAP FOR BAYOU CHENE	
FILL	29,425± (CY)
TOTAL VOLUME OF DREDGING FOR BAYOU CHENE	
EXCAVATION	103,284± (CY)
TOTAL AREA FOR BAYOU CHENE	
FILL	5.74± (AC)
EXCAVATION	7.58± (AC)

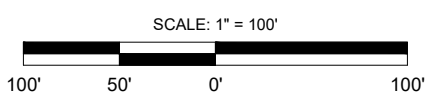
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DATE:	09/08/2016	JOB NO.:	2012.0525
DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG			
SHEET NO.:	33	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

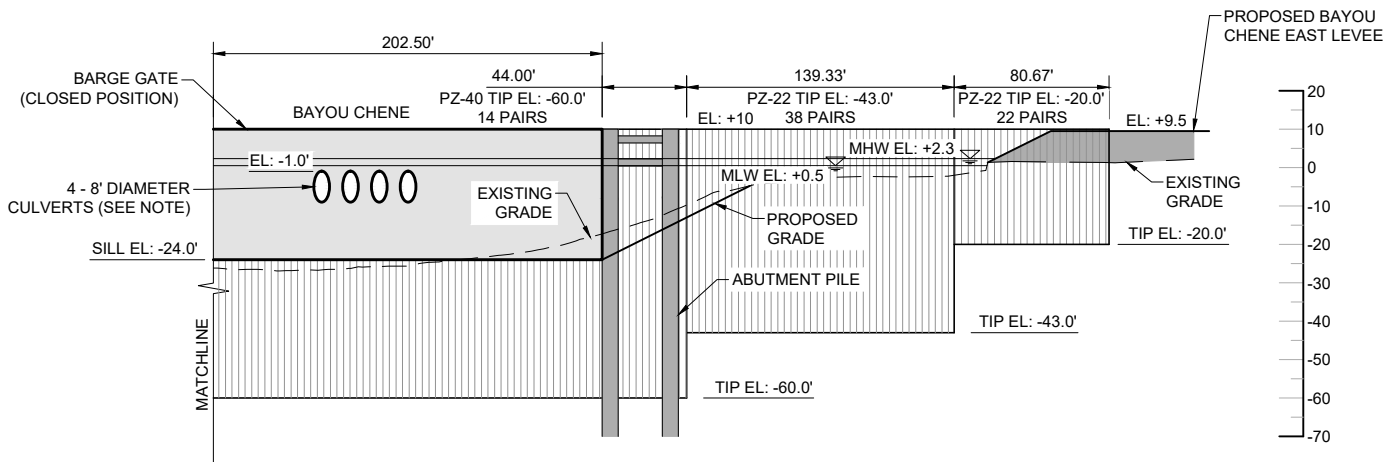
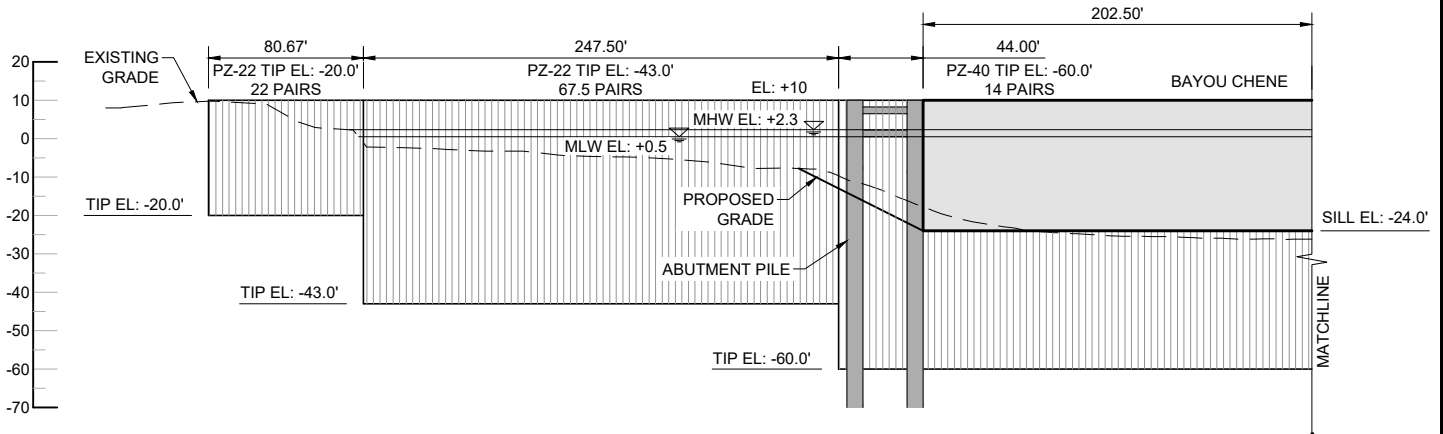
TYPICAL SECTIONS

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
& SECTIONS 1 & 12, T17S-R13E
ST. MARY PARISH, LOUISIANA



REV. NO.:	01	REV. DATE:	12/5/2017	REV. BY:	JJM
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*NOTE
 4 - 8' DIAMETER PASS THROUGH CULVERTS (OR EQUIVALENT OPEN AREA) WILL BE INCLUDED IN THE STRUCTURE TO MAINTAIN FRESHWATER INPUTS TO MARSHES DOWNSTREAM WHEN THE GATE IS CLOSED. THIS WILL ALLOW APPROXIMATELY 2,300 CFS OF WATER TO FLOW THROUGH THE GATE WITH A 2' HEAD DIFFERENTIAL.



CROSS SECTION L-L - BRACED FLOOD WALL

HORIZONTAL SCALE: 1" = 100'
 VERTICAL SCALE: 1" = 50'

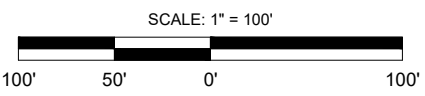
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DATE:	09/08/2016	JOB NO.:	2012.0525
DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG			
SHEET NO.:	34	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

TYPICAL SECTIONS

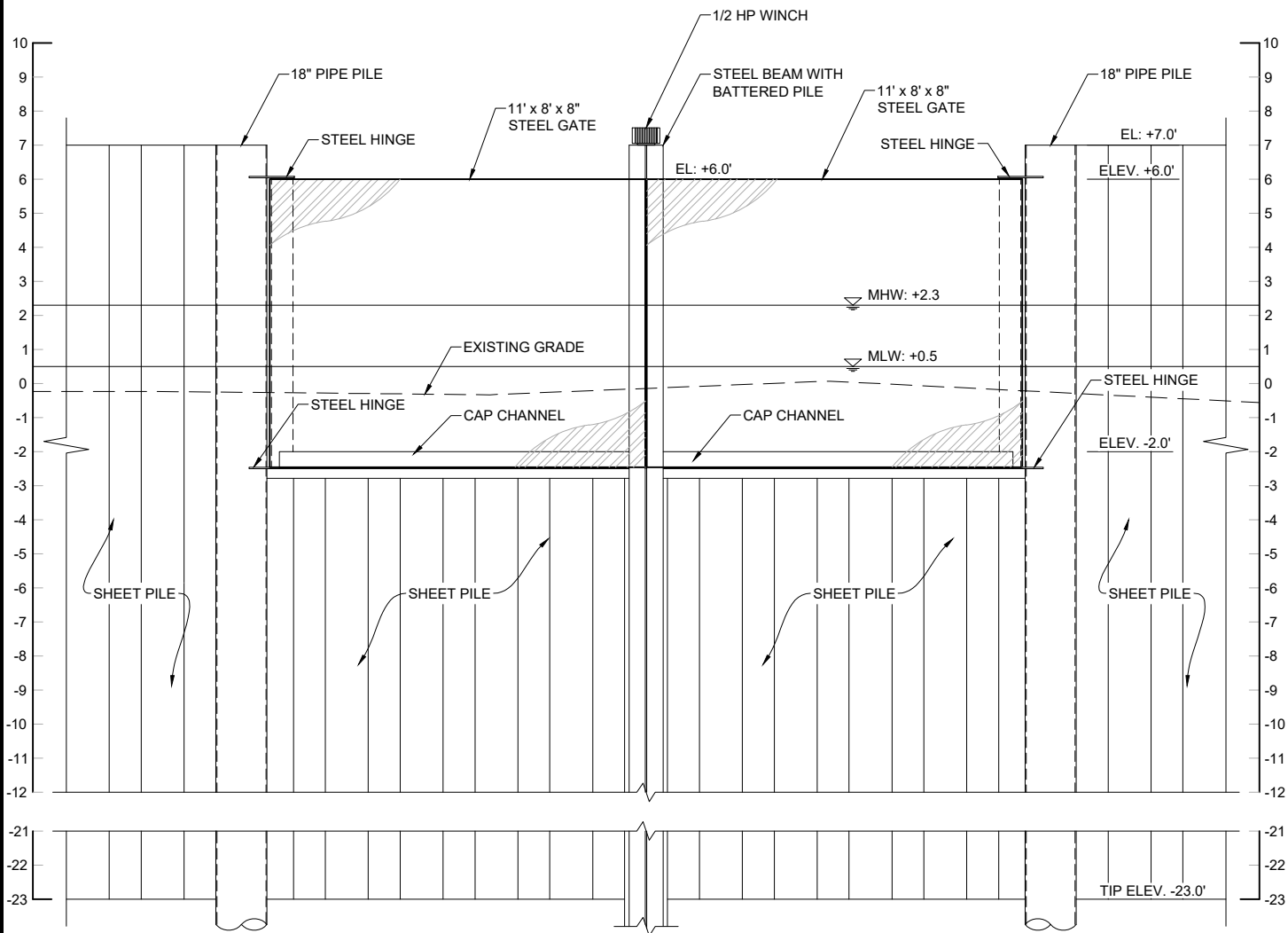
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BAYOU CHENE FLOOD PROTECTION PROJECT
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REVISION DESCRIPTION: REVISED STRUCTURE WIDTH					

12/7/2017 - P:\Y-2012\2012.0525\DWG\PERMITTING\28-35 TYP CROSS SECTIONS.DWG



CROSS SECTION M-M - TABOR CANAL WEIR STRUCTURE

HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE: 1" = 5'

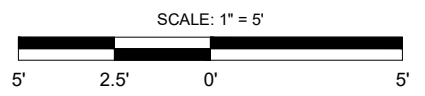
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TABOR CANAL WEIR STRUCTURE

ST. MARY LEVEE DISTRICT
 BAYOU CHENE FLOOD PROTECTION PROJECT
 LOCATED IN SECTIONS 35, 36, 40, 41, 43, 45, & 47, T16S-R13E,
 & SECTIONS 1 & 12, T17S-R13E
 ST. MARY PARISH, LOUISIANA

DRAWN BY: ADS	APPROVED BY: KLB
DATE: 09/08/2016	JOB NO: 2012.0525
DRAWING NAME: 28-35 TYP CROSS SECTIONS.DWG	
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REV. NO: 01	REV. DATE: 12/5/2017	REV. BY: JJM
REVISION DESCRIPTION: REVISED STRUCTURE WIDTH		

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.

All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment or the facilities for the herein permitted use unless prior written approval to leave such structures in place is received from the Coastal Management Division. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required.

Structures must also be marked/lighted in accordance with U. S. Coast Guard regulations.

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.

TOTAL WETLAND IMPACTS (ABOVE 5' MSL) - 5.65± ACRES

TOTAL WETLAND IMPACTS (BELOW 5' MSL) - 16.14± ACRES

TOTAL WETLAND IMPACTS - 21.79± ACRES

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NOTES

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DRAWN BY:	ADS	APPROVED BY:	KLB
DATE:	09/08/2016	JOB NO:	2012.0525
DRAWING NAME:	36-37 NOTES.DWG		
SHEET NO:	36	OF	37
PROJECTION: PROJECTION GEO. DATUM: NAD83 VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

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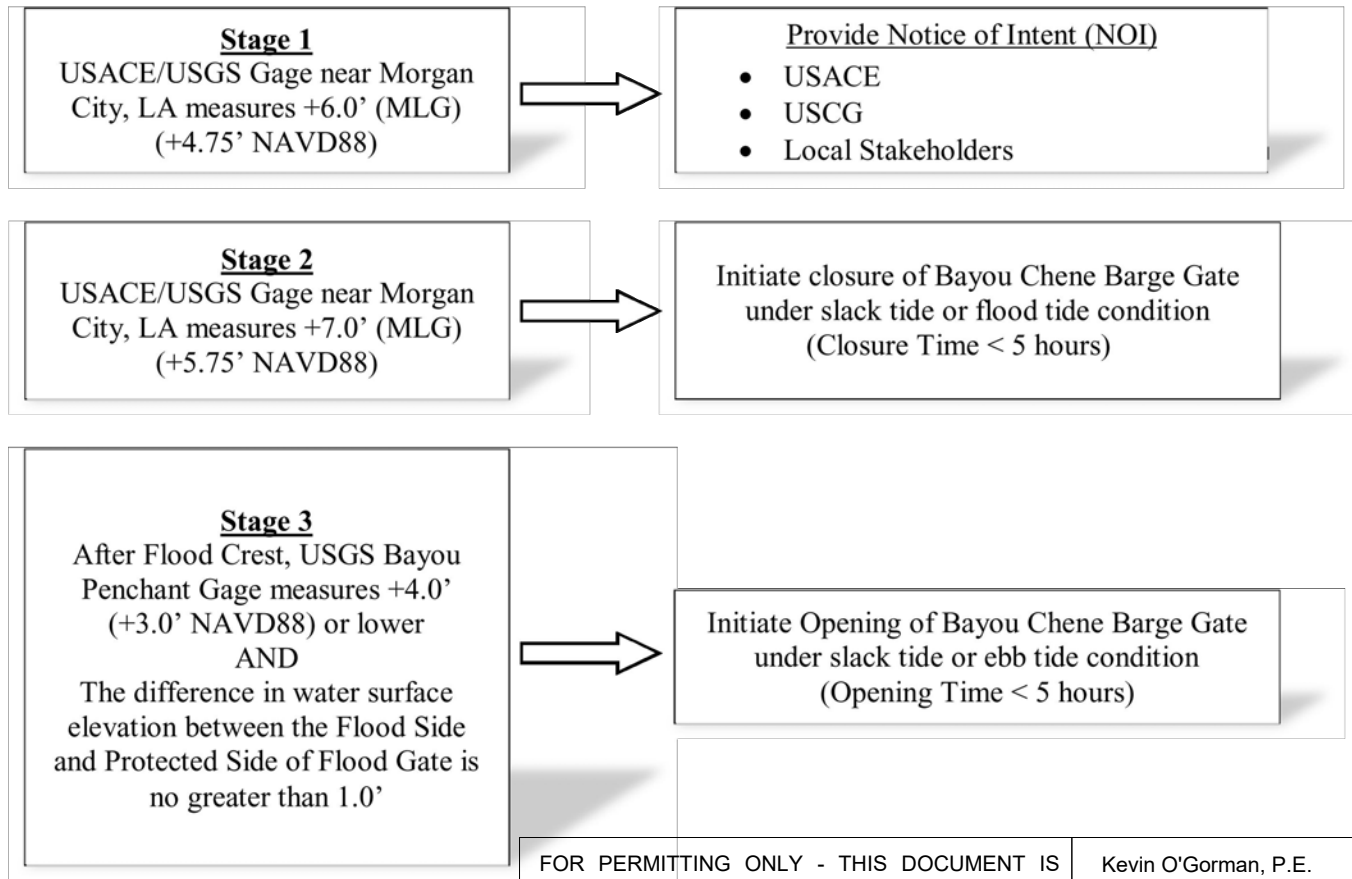
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BAYOU CHENE FLOOD PROTECTION PROJECT

PROPOSED OPERATIONAL PLAN FOR GATE CLOSURE

ST MARY LEVEE DISTRICT

The following operational plan is based upon a significant riverine flood in the Lower Atchafalaya River with potential for impacting communities of St. Mary, Terrebonne, Assumption, and Lafourche Parishes. The Bayou Chene Flood Gate will be operated under the following criteria to reduce water surface elevations and prevent backwater flooding of communities on the East side of the Atchafalaya Floodway. The closure criteria outlined below are based on publicly available real time gages located in nearby waterways.



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OPERATION PLAN

ST. MARY LEVEE DISTRICT
BAYOU CHENE FLOOD PROTECTION PROJECT
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PROJECTION:	PROJECTION		
GEO. DATUM:	NAD83 VERT. DATUM: NAVD88		
GRID UNITS:	US SURVEY FEET		

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