

# JOINT PUBLIC NOTICE

September 28, 2015

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

State of Louisiana  
Department of Environmental Quality  
Office of Environmental Services  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

(504) 862-1545  
Project Manager  
S. Gail Gainey  
[Sandra.G.Gainey@usace.army.mil](mailto:Sandra.G.Gainey@usace.army.mil)  
MVN 2004-00899-CG

(225) 219-3225  
Project Manager  
Elizabeth Johnson  
WQC Application Number  
WQC # 150805-01

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: [X] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Office of Environmental Services, 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.

## **SHIP AND BARGE DOCK EXPANSION IN MISSISSIPPI RIVER IN ST. JAMES PARISH**

**NAME OF APPLICANT:** Zen-Noh Grain Corporation, c/o T. E. Ibberson Co., 828 Fifth Street South, Hopkins, Minnesota 55343.

**LOCATION OF WORK:** In the Mississippi River, Left Descending Bank, River Mile 163.8, at 8886 Highway 44 in Convent, Louisiana, in St. James Parish, within the Mississippi River Basin in hydrologic unit (HUC 08070100), as shown on the attached drawings.

**CHARACTER OF WORK:** The applicant has requested Department of the Army authorization to remove nine (9) existing dolphin structures to expand the existing barge dock including the installation of a new barge cover handling building, personnel and utility access structures, conveyor structure, a permanent embankment area, two (2) permanent laydown areas and a temporary laydown area and a permanent levee crossing. The structures will extend a maximum of 1,423 linear feet channelward from the toe of the levee. Approximately 20,167 cubic yards of stone rip-rap material and 2,498 cubic yards of topsoil will be hauled in and deposited for the embankment and laydown areas, the levee crossing and for erosion control within an approximate 20 acre area. Approximately 190,000 cubic yards will be dredged from the bank line and open water and deposited in the lower Mississippi River Channel below elevation -55.0. It is anticipated that the proposed action would impact traditionally navigable waters and jurisdictional wetlands. **A**

***preliminary analysis has determined that the proposed project would directly impact 7.64 acres of emergent wetlands.***

It is presumed that the applicant has designed the project to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. As compensation for unavoidable wetland impacts, the applicant proposes to use a Corps approved mitigation bank within the watershed of impact.

The comment period for the Department of Army will close in **30 days** from the date of this 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 must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH.** Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 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, prehistoric, historical sites, or data. Copies of this notice are being sent to the State Archeologist and the State Historic Preservation Officer.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. The New Orleans District has determined that the proposed project is located in waters known to be utilized by the West Indian Manatee (*Trichechus manatus*) and the Pallid Sturgeon (*Scaphirhynchus albus*). Utilizing Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that with the inclusion of the Standard Manatee Conditions for In-Water Activities, proposed work is not likely to adversely affect the West Indian Manatee. Additionally, with the inclusion of the cutterhead/suction dredge recommendations, the proposed work has been determined not likely to adversely affect Pallid Sturgeon.

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 0 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, Office of Environmental Services 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.

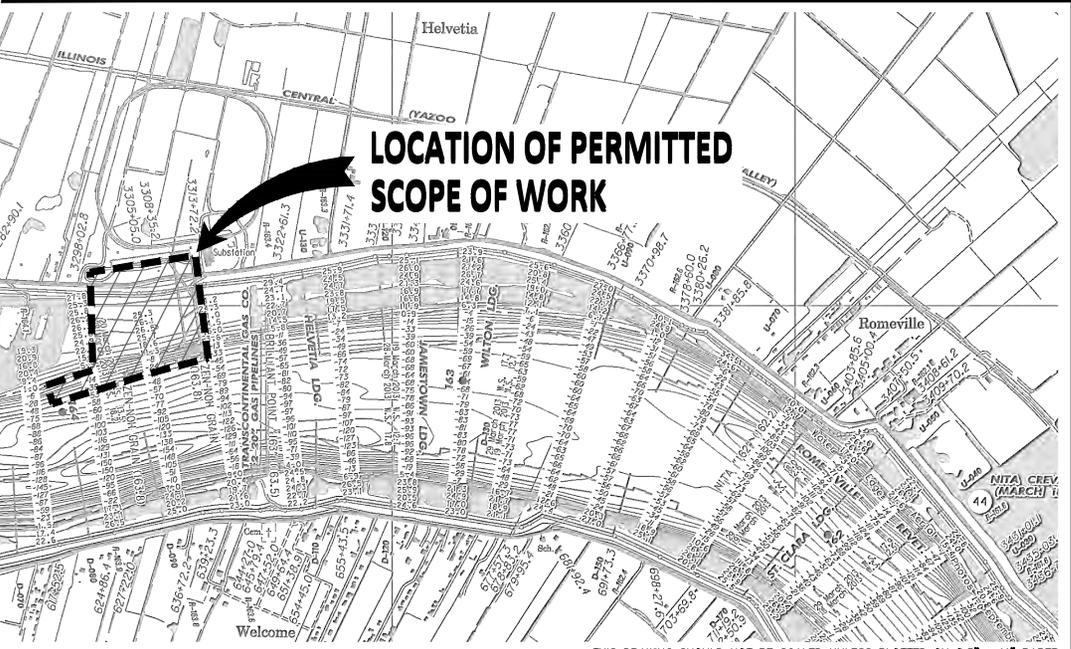
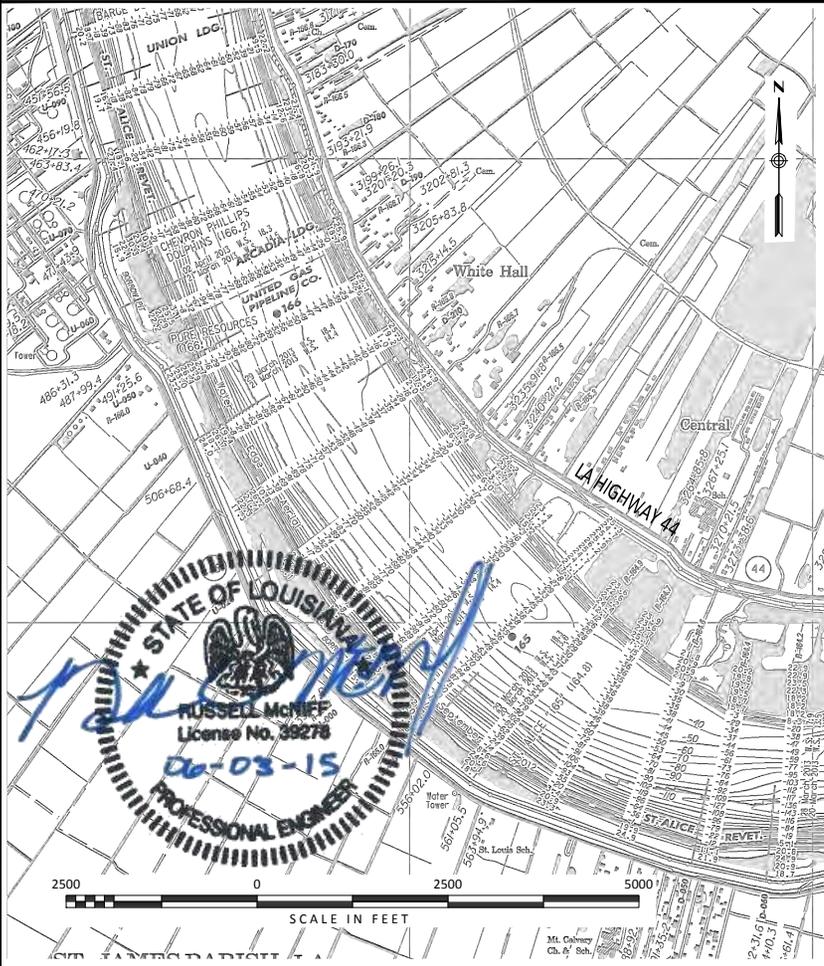
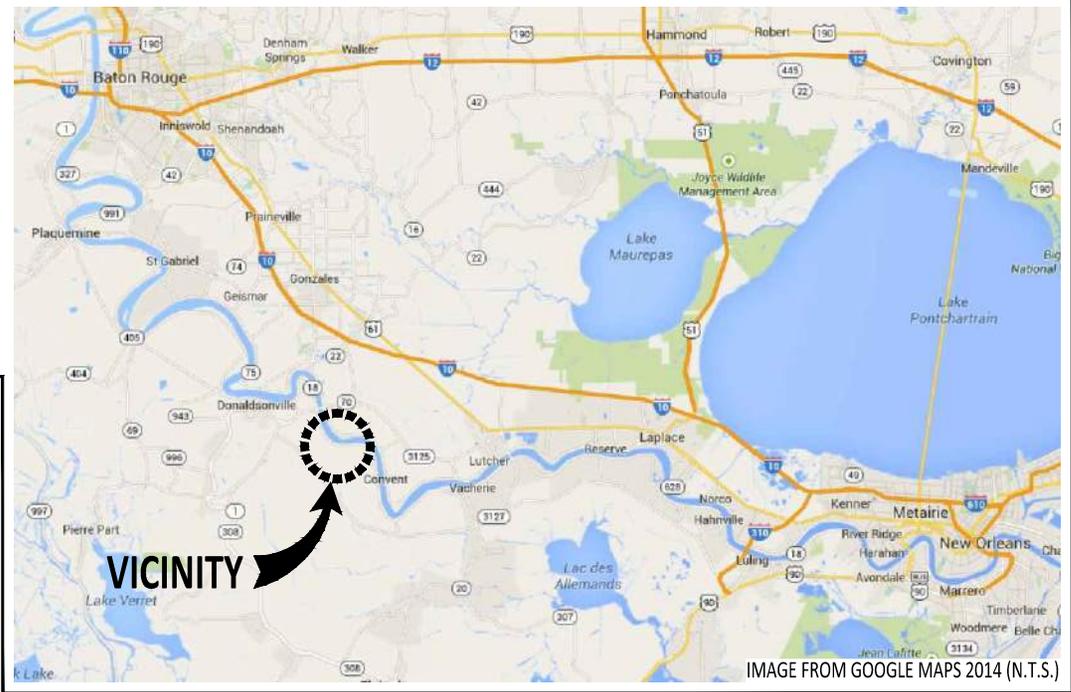
JOHN M. HERMAN  
Chief, Central Evaluation Section  
Regulatory Branch

Enclosures



RIVER: MISSISSIPPI  
 RIVER MILE & BANK: 163.8 AHP LDB  
 STATE: LOUISIANA  
 PARISH: ST. JAMES  
 LATITUDE: 30°04'00" N  
 LONGITUDE: 90°52'35" W

MISSISSIPPI RIVER HYDROGRAPHIC SURVEY 2013, SHEET 38  
 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CORPS OF ENGINEERS  
 FILE NO. H-5-47753



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

Ibberson Engineering, Inc.  
 1001 Poydras St., Suite 2000  
 New Orleans, Louisiana 70112-3433

Kiewit  
 1001 Poydras St., Suite 2000  
 New Orleans, Louisiana 70112-3433

DATE	05/01/15
SCALE	1"=2500'
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

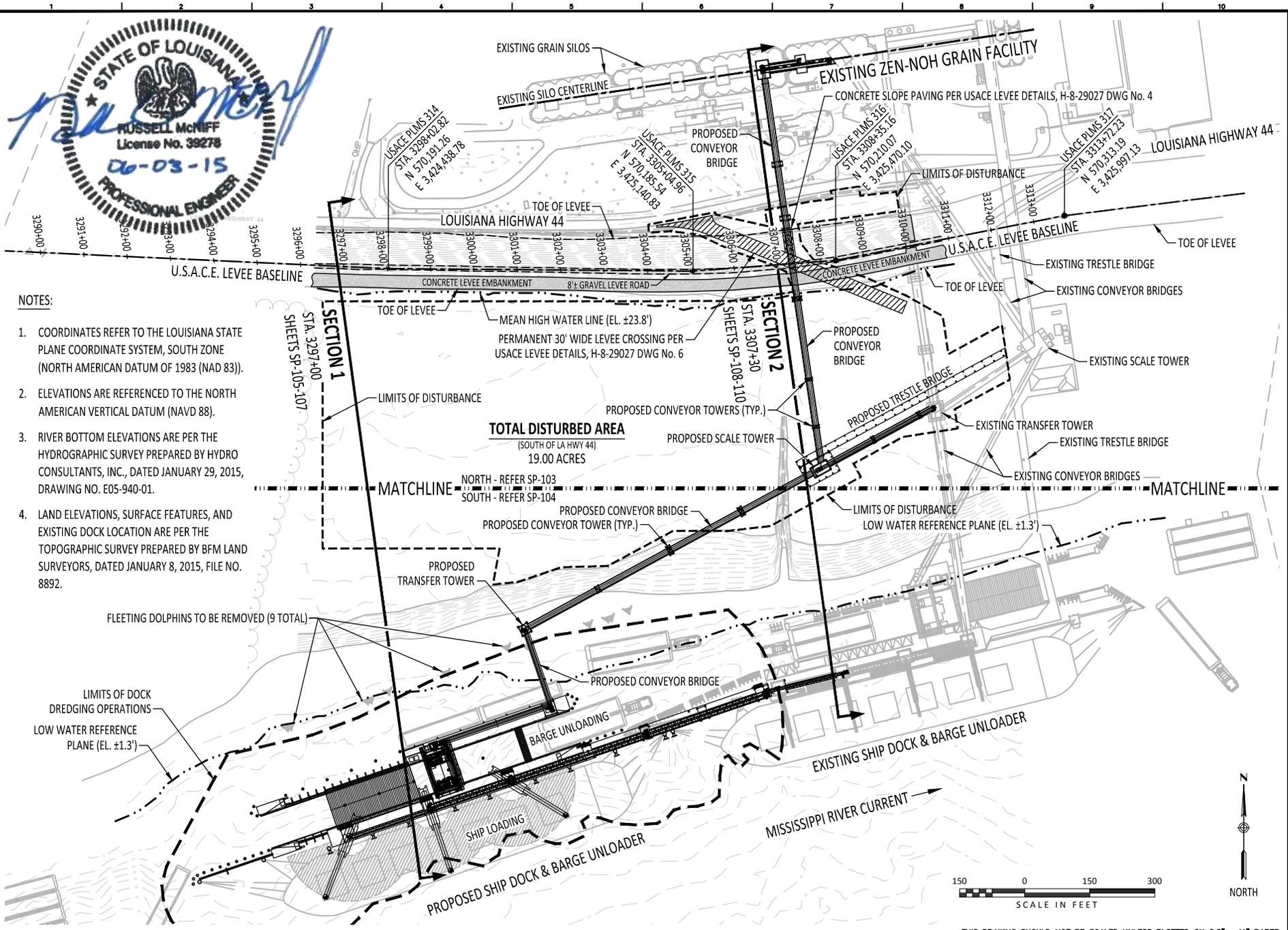
VICINITY MAP

T.E. Ibberson Company  
 1001 Poydras St., Suite 2000  
 New Orleans, Louisiana 70112-3433

Facility Expansion  
 ZEN-NOH GRAIN CORPORATION  
 CONVENT, LA.

PLAN 2014-097 REVISION B  
 SHEET SHEET 02 OF 15  
 SP-100





- NOTES:**
- COORDINATES REFER TO THE LOUISIANA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NORTH AMERICAN DATUM OF 1983 (NAD 83)).
  - ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD 88).
  - RIVER BOTTOM ELEVATIONS ARE PER THE HYDROGRAPHIC SURVEY PREPARED BY HYDRO CONSULTANTS, INC., DATED JANUARY 29, 2015, DRAWING NO. E05-940-01.
  - LAND ELEVATIONS, SURFACE FEATURES, AND EXISTING DOCK LOCATION ARE PER THE TOPOGRAPHIC SURVEY PREPARED BY BFM LAND SURVEYORS, DATED JANUARY 8, 2015, FILE NO. 8892.

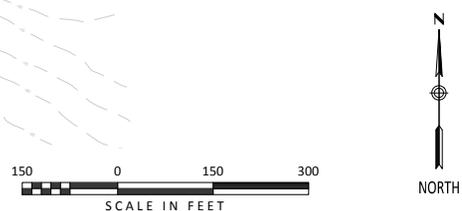
REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

**NOTICE**  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

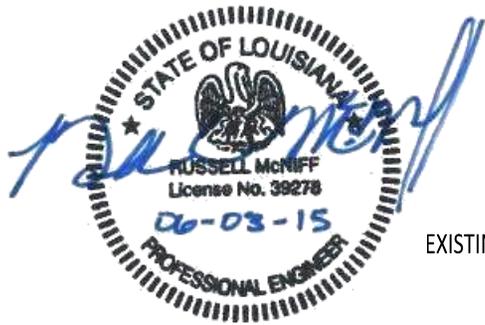
DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN - PROPOSED OVERALL**

FACILITY EXPANSION	PLAN	2014-097	REVISION	B
ZEN-NOH GRAIN CORPORATION	SHEET	SHEET 04 OF 15		
CONVENT, LA.	<b>SP-102</b>			
T.E. Ibberson Company	Conceptual Design/ Construction/ Construction Management			



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER



EXISTING GRAIN SILOS

EXISTING SILO CENTERLINE

EXISTING ZEN-NOH GRAIN FACILITY

CONCRETE SLOPE PAVING PER USACE LEVEE DETAILS, H-8-29027 DWG No. 4

USACE PLMS 314  
STA. 3298+02.82  
N 570,191.26  
E 3,424,438.78

USACE PLMS 315  
STA. 3305+04.96  
N 570,185.54  
E 3,425,140.83

USACE PLMS 316  
STA. 3308+35.16  
N 570,210.07  
E 3,425,470.10

USACE PLMS 317  
STA. 3313+72.23  
N 570,313.19  
E 3,425,997.13

PROPOSED CONVEYOR BRIDGE

LIMITS OF DISTURBANCE

LOUISIANA HIGHWAY 44

U.S.A.C.E. LEVEE BASELINE

CONCRETE LEVEE EMBANKMENT 8'± GRAVEL LEVEE ROAD

CONCRETE LEVEE EMBANKMENT

EXISTING TRESTLE BRIDGE

TOE OF LEVEE

MEAN HIGH WATER LINE (EL. ±23.8')  
PERMANENT 30' WIDE LEVEE CROSSING PER  
USACE LEVEE DETAILS, H-8-29027 DWG No. 6

PROPOSED CONVEYOR BRIDGE

LIMITS OF DISTURBANCE

EXISTING CONVEYOR BRIDGES

LIMITS OF DISTURBANCE

PROPOSED CONVEYOR TOWERS (TYP.)

EXISTING SCALE TOWER

**TOTAL DISTURBED AREA**

(SOUTH OF LA HWY 44)  
19.00 ACRES

PROPOSED SCALE TOWER

PROPOSED TRESTLE BRIDGE

EXISTING TRESTLE BRIDGE

EXISTING CONVEYOR BRIDGES

MATCHLINE NORTH - REFER SP-103  
SOUTH - REFER SP-104



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

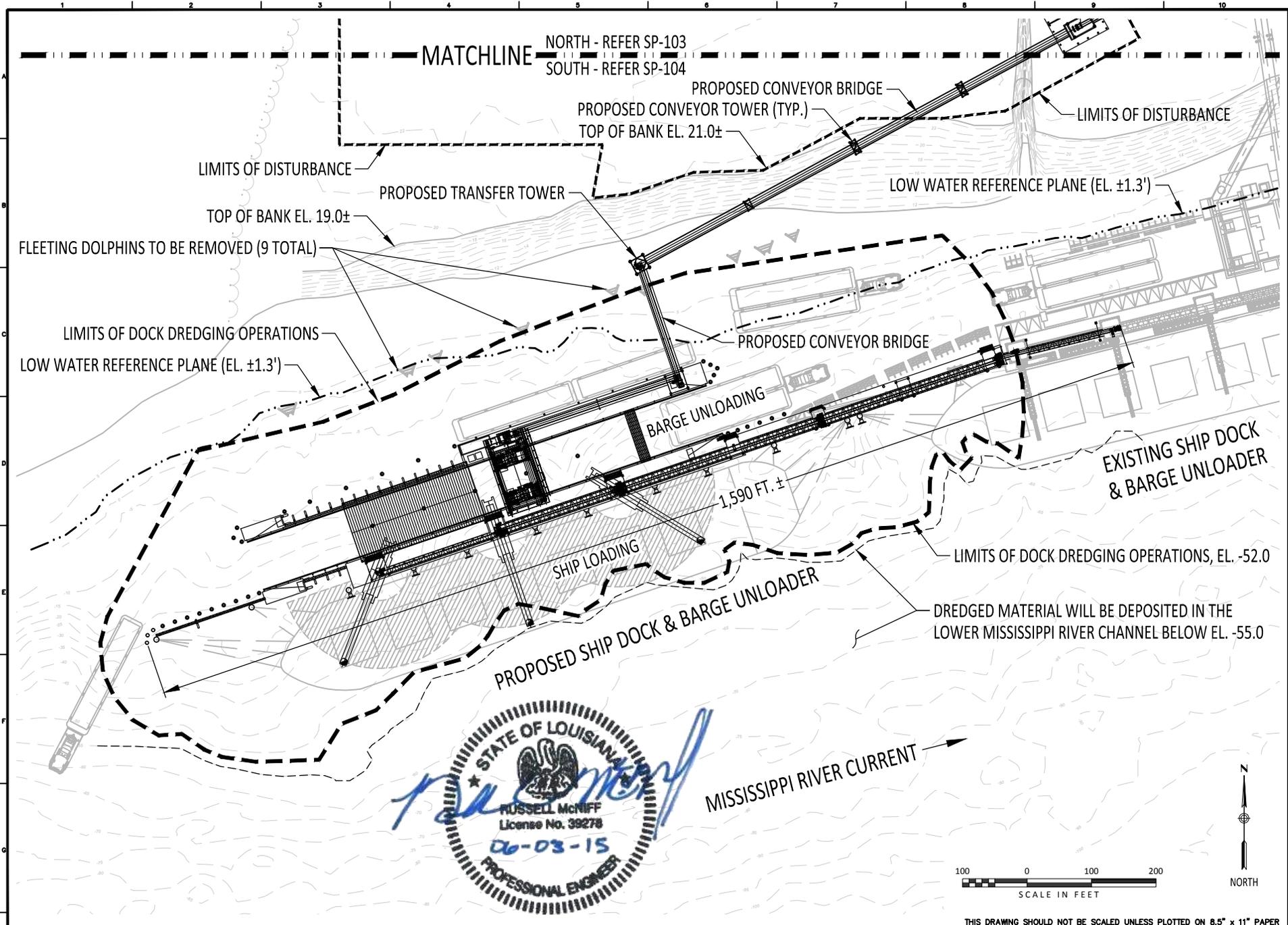
**NOTICE**  
These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.



DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN - PROPOSED NORTH**

	FACILITY EXPANSION	PLAN	2014-097	REVISION	B
	ZEN-NOH GRAIN CORPORATION	SHEET	SHEET 05 OF 15		
CONVENT, LA.		SP-103			
T.E. Ibberson Company 1001 Poydras Street, Suite 2000 New Orleans, Louisiana 70112		<i>Conceptual Design/ Construction Management</i>			



STATE OF LOUISIANA  
 RUSSELL McNIFF  
 License No. 39278  
 06-03-15  
 PROFESSIONAL ENGINEER



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

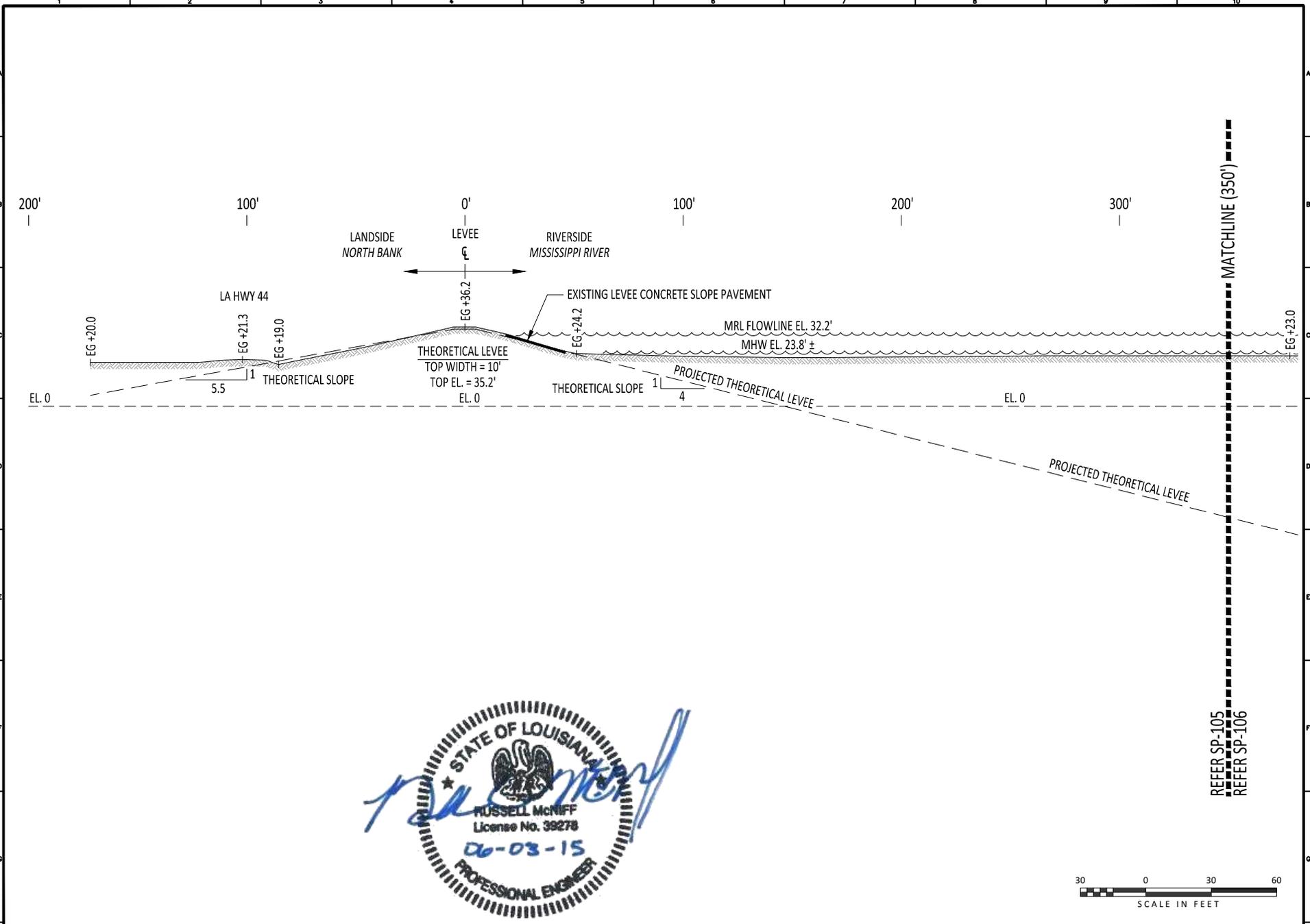
ibberson Engineering, Inc.  
 508 Pitt St. Suite 100  
 Metairie, Louisiana 70002

**Kiewit**  
 1001 Poydras Street, Suite 2000  
 New Orleans, Louisiana 70112

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN - PROPOSED SOUTH**

<p>T.E. Ibberson Company          508 Pitt St. Suite 100          Metairie, Louisiana 70002</p>	FACILITY EXPANSION ZEN-NOH GRAIN CORPORATION CONVENT, LA.	PLAN 2014-097 REVISION B
	SHEET SHEET 06 OF 15	
	<b>SP-104</b>	



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

ibberson Engineering, Inc.  
 628 Fifth St. South  
 Bogalusa, Louisiana 70343

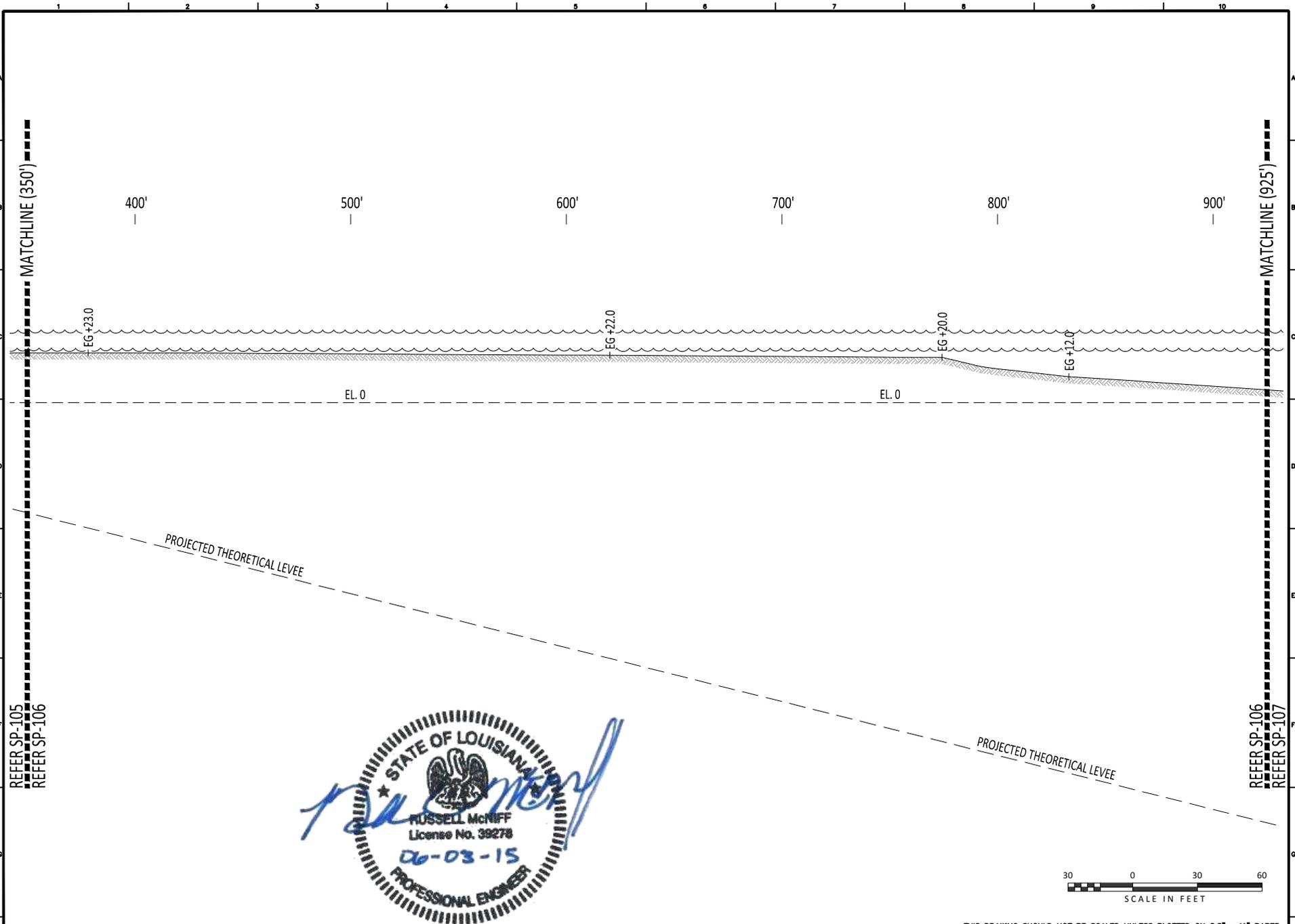
**Kiewit**  
 1001 Poydras Street  
 New Orleans, Louisiana 70112

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN CROSS-SECTION "1"**  
**LEVEE STA. 3297+00**

	FACILITY EXPANSION	PLAN	2014-097	REVISION	B
	ZEN-NOH GRAIN CORPORATION				
	CONVENT, LA.				
T.E. Ibberson Company <small>628 Fifth St. South          Bogalusa, Louisiana 70343</small>		<i>Conceptual Design/          Construction Management</i>		SHEET 07 OF 15 <b>SP-105</b>	

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM



REFER SP-105  
REFER SP-106

REFER SP-106  
REFER SP-107

STATE OF LOUISIANA  
  
 RUSSELL McNIFF  
 License No. 39278  
 06-03-15  
 PROFESSIONAL ENGINEER



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

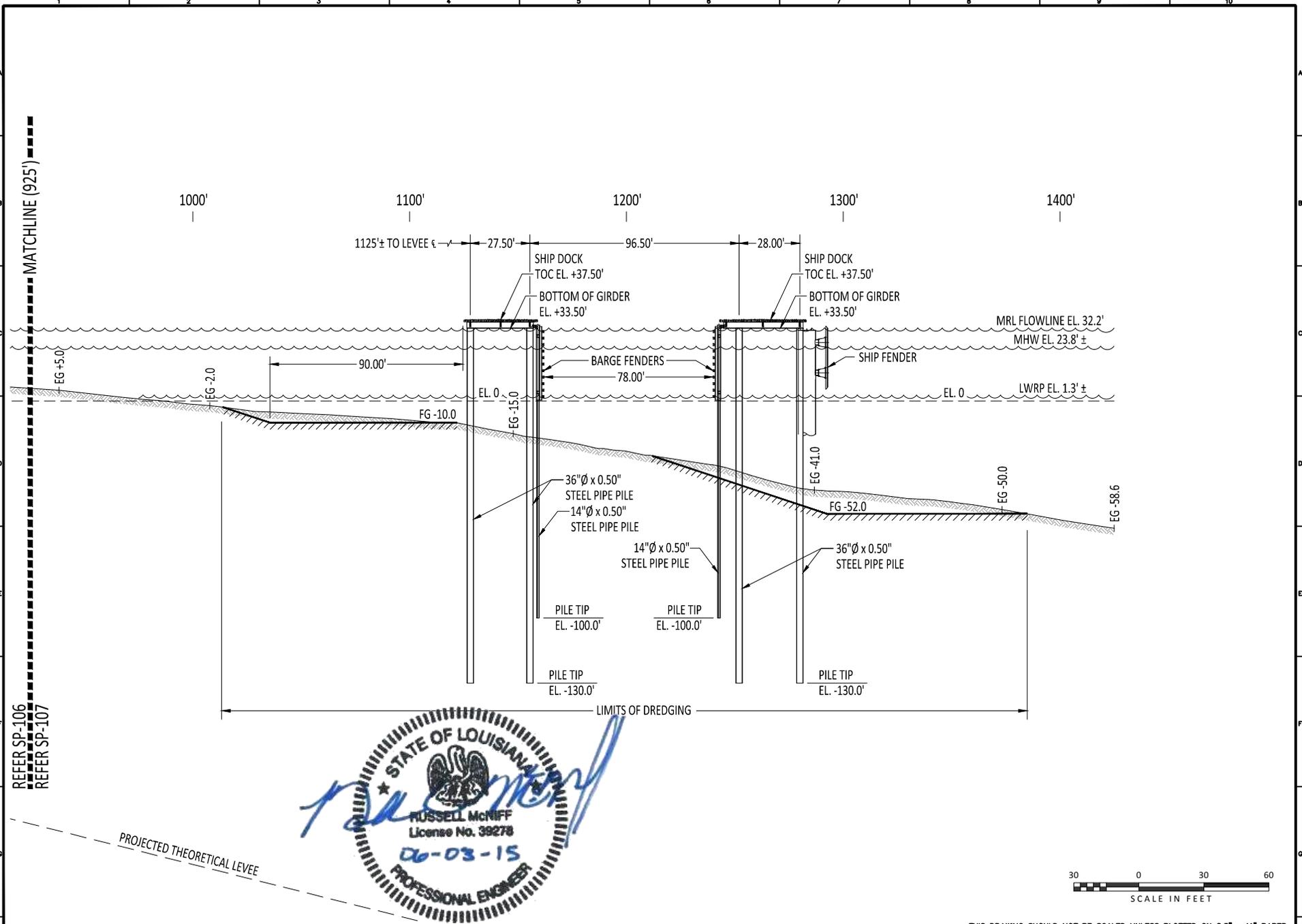


DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN CROSS-SECTION "1"**  
**LEVEE STA. 3297+00**

FACILITY EXPANSION	PLAN	2014-097	REVISION	B
ZEN-NOH GRAIN CORPORATION				
CONVENT, LA.	SHEET	SHEET 08 OF 15		
T.E.Ibberson Company <small>Conceptual Design/        Construction Management</small>	<b>SP-106</b>			

PLAN	2014-097	REVISION	B
SHEET	SHEET 08 OF 15		
<b>SP-106</b>			



MATCHLINE (925')

REFER SP-106

REFER SP-107

RUSSELL MCNIFF  
 License No. 39278  
 06-03-15  
 PROFESSIONAL ENGINEER



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

**ib**  
 Ibberson Engineering, Inc.  
 628 Fifth St. South  
 Metairie, Louisiana 70003

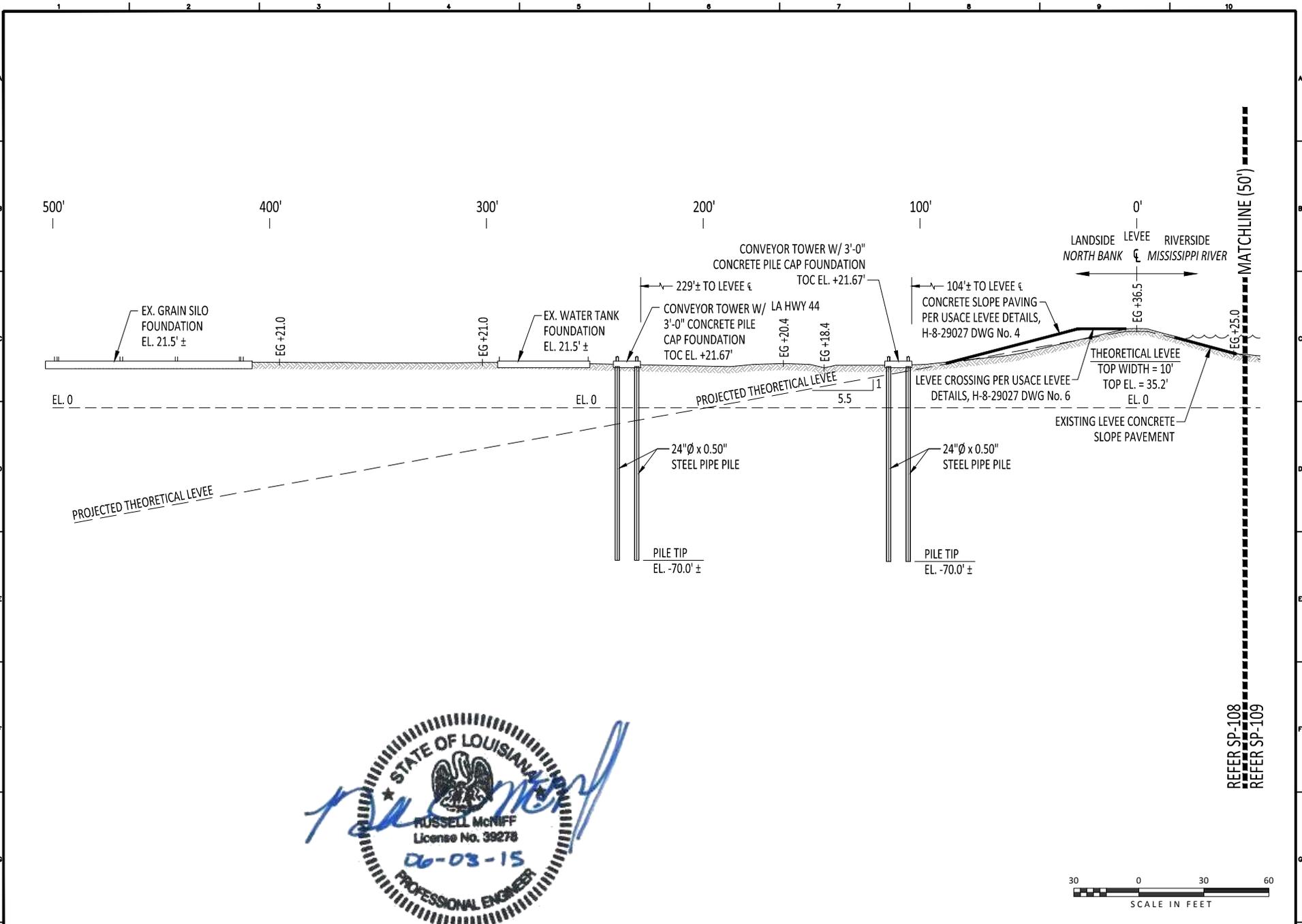
**Kiewit**  
 1000 Poydras Street  
 New Orleans, Louisiana 70112

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN CROSS-SECTION "1"**  
 LEVEE STA. 3297+00

 T.E. Ibberson Company 628 Fifth St. South Metairie, Louisiana 70003	FACILITY EXPANSION ZEN-NOH GRAIN CORPORATION CONVENT, LA.	PLAN 2014-097	REVISION B
	SHEET SP-107		SHEET 09 OF 15
	Conceptual Design/ Construction Management		

PLAN	2014-097	REVISION	B
SHEET		SHEET 09 OF 15	
SP-107			



**RUSSELL McNIFF**  
 License No. 39278  
 06-03-15  
 PROFESSIONAL ENGINEER



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

**NOTICE**  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

**ibberson Engineering, Inc.**  
 628 Fifth St. South  
 Metairie, Louisiana 70003

**Kiewit**  
 1001 Poydras Street  
 New Orleans, Louisiana 70112

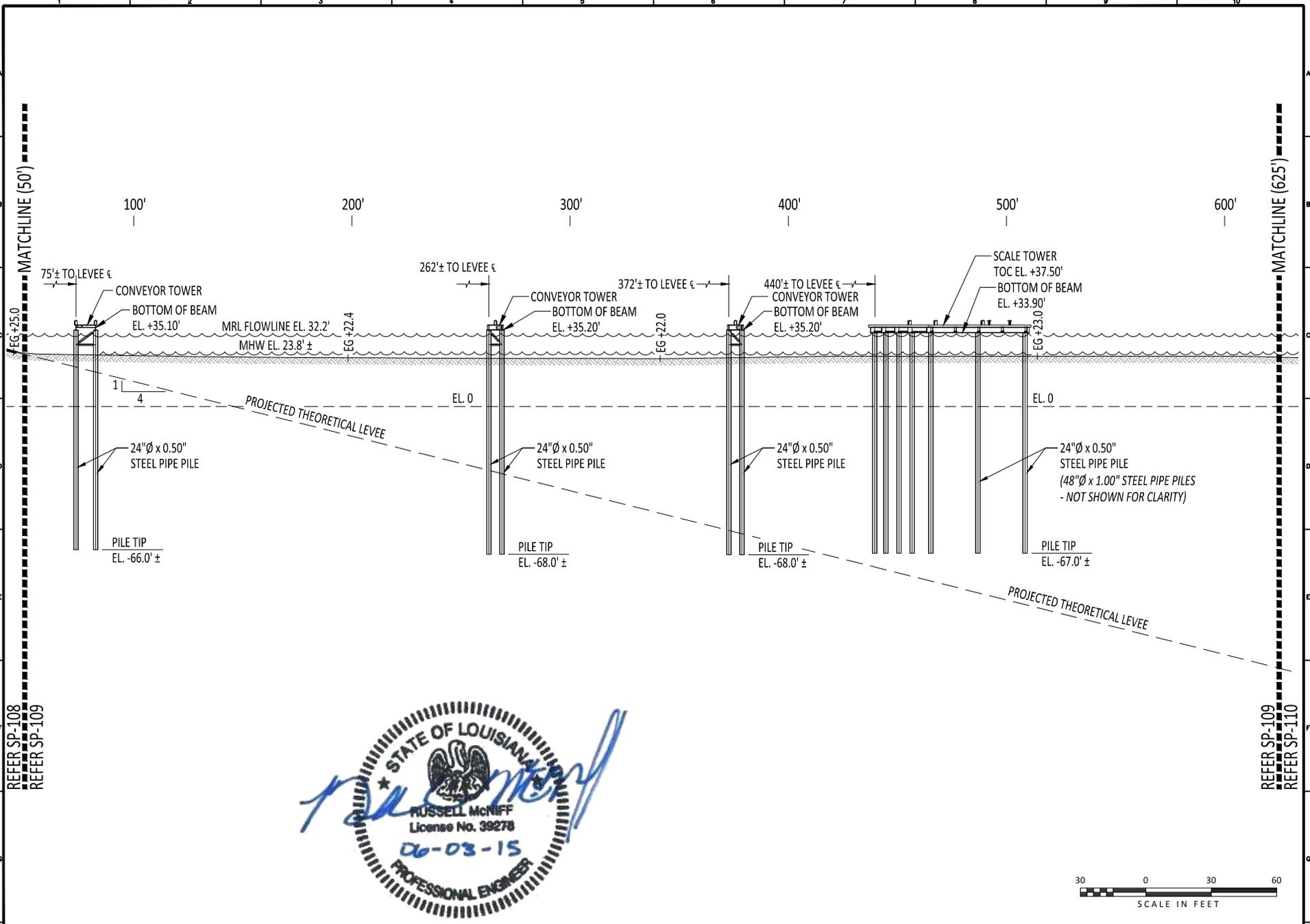
DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN CROSS-SECTION "2"**  
**LEVEE STA. 3307+30**



**FACILITY EXPANSION**  
**ZEN-NOH GRAIN CORPORATION**  
 CONVENT, LA.  
**T.E. Ibberson Company** *Conceptual Design/ Construction/ Management*  
 628 Fifth St. South  
 Metairie, Louisiana 70003

PLAN	2014-097	REVISION	B
SHEET	SHEET 10 OF 15		
<b>SP-108</b>			



RUSSELL McNEILL  
 License No. 39278  
 06-03-15  
 PROFESSIONAL ENGINEER



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

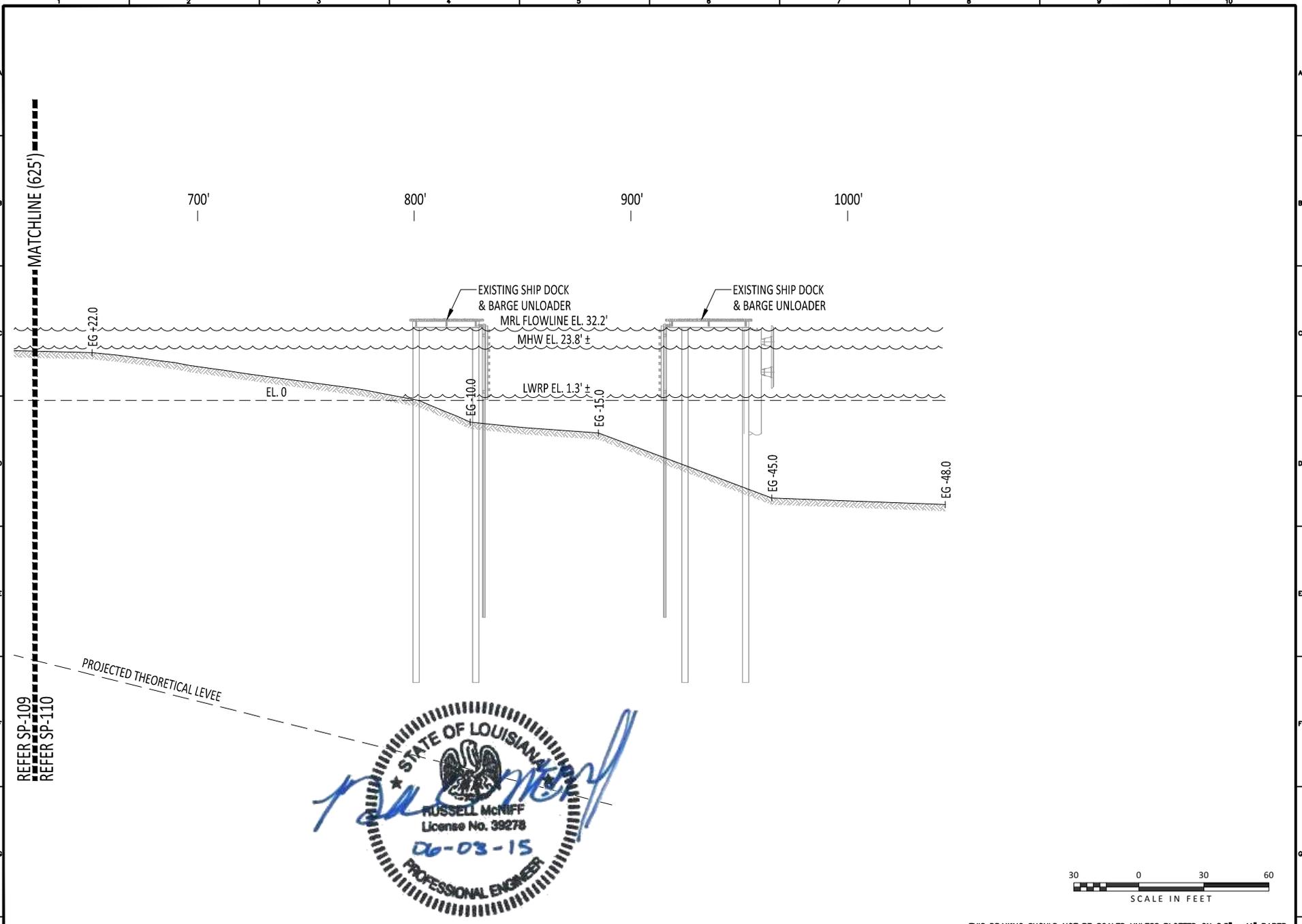
ibberson Engineering, Inc.  
 628 Fifth St. South  
 Metairie, Louisiana 70003

**Kiewit**  
 1001 Poydras Street  
 New Orleans, Louisiana 70112

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN CROSS-SECTION "2"**  
LEVEE STA. 3307+30

 T.E. Ibberson Company <small>628 Fifth St. South Metairie, Louisiana 70003</small>	FACILITY EXPANSION ZEN-NOH GRAIN CORPORATION CONVENT, LA.	PLAN 2014-097 REVISION B
	SHEET SHEET 11 OF 15 <b>SP-109</b>	CONCEPTUAL DESIGN/ CONSTRUCTION/ CONSTRUCTION MANAGEMENT



RUSSELL McNIFF  
 License No. 39278  
 06-03-15  
 PROFESSIONAL ENGINEER



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	05/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.

ibberson Engineering, Inc.  
 628 Fifth St. South  
 Metairie, Louisiana 70003

**Kiewit**  
 1001 Poydras Street  
 New Orleans, Louisiana 70002

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

**SITE PLAN CROSS-SECTION "2"**  
**LEVEE STA. 3307+30**

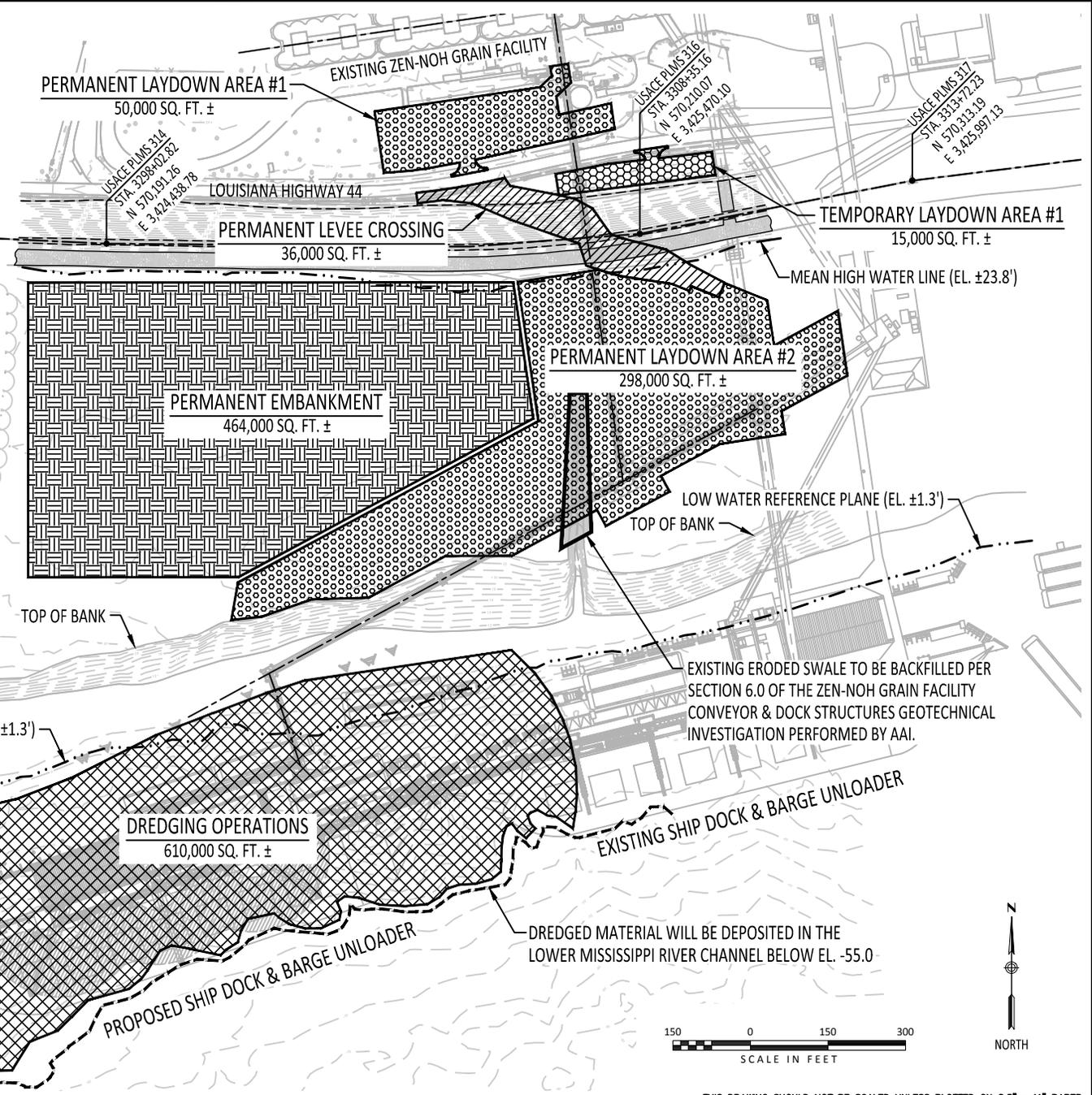


FACILITY EXPANSION  
 ZEN-NOH GRAIN CORPORATION  
 CONVENT, LA.  
 T.E. Ibberson Company  
 628 Fifth St. South  
 Metairie, Louisiana 70003  
*Conceptual Design/  
 Construction Management*

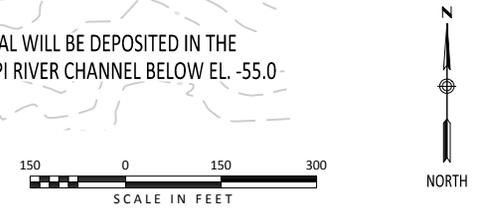
PLAN	2014-097	REVISION	B
SHEET	SHEET 12 OF 15		
<b>SP-110</b>			

**LEGEND**

-  **PERMANENT CONSTRUCTION LAYDOWN AREA**  
 - 12" DEPTH EXCAVATION OF EXISTING MATERIAL  
 - REPLACE EXCAVATED MATERIAL WITH 18" DEPTH CRUSHED LIMESTONE RESULTING IN 6" NET FILL  
 - EXCAVATION = 12,889 CY    FILL = 19,334 CY
-  **TEMPORARY CONSTRUCTION LAYDOWN AREA**  
 - NO EXCAVATION OF EXISTING MATERIAL  
 - 18" DEPTH CRUSHED LIMESTONE ON EXISTING GRADE RESULTING IN 18" NET FILL  
 - EXCAVATION = 0 CY    FILL = 833 CY
-  **PERMANENT EMBANKMENT AREA**  
 - 9" MAX. DEPTH EMBANKMENT  
 - EXCAVATED MATERIAL GENERATED FROM 12" DEPTH EXCAVATION OF CONSTRUCTION LAYDOWN AREAS  
 - EXCAVATION = 0 CY    FILL = 12,889 CY
-  **PERMANENT LEVEE CROSSING**  
 - NO EXCAVATION SHALL OCCUR ON THE LEVEE  
 - DEPTH OF EMBANKMENT VARIES TO 9± MAX.  
 - REFER USACE DETAIL H-8-29027 DWG. 6  
 - EXCAVATION = 0 CY    FILL = 1,786 CY
-  **DOCK & BARGE UNLOADING DREDGING**  
 - DREDGING DEPTH VARIES  
 - DEPTH OF DREDGING AT BARGE UNLOADER = EL. -10.0'  
 - DEPTH OF DREDGING AT SHIP DOCK = EL. -52.0'  
 - DREDGING EXCAVATION = APPROX. 190,000 CY
-  **ERODED SWALE IMPROVEMENTS**  
 - EXISTING EROSION WILL BE FILLED TO ALLOW CONSTRUCTION OF LAYDOWN AREA  
 - DEPTH OF EMBANKMENT VARIES TO 10± MAX.  
 - EXCAVATION = 0 CY    FILL = 712 CY



**STATE OF LOUISIANA**  
  
**RUSSELL McNEFF**  
 License No. 39278  
 06-03-15  
**PROFESSIONAL ENGINEER**



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	TPJ	RCM

**NOTICE**  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.



Ibberson Engineering, Inc.  
 1001 W. 12th Street  
 Metairie, Louisiana 70003



Kiewit  
 1001 W. 12th Street  
 Metairie, Louisiana 70003

DATE	05/01/15
SCALE	NOTED
DRAWN BY	TPJ
CHK'D BY	RCM
DESIGNER	TPJ
REVIEWER	RCM

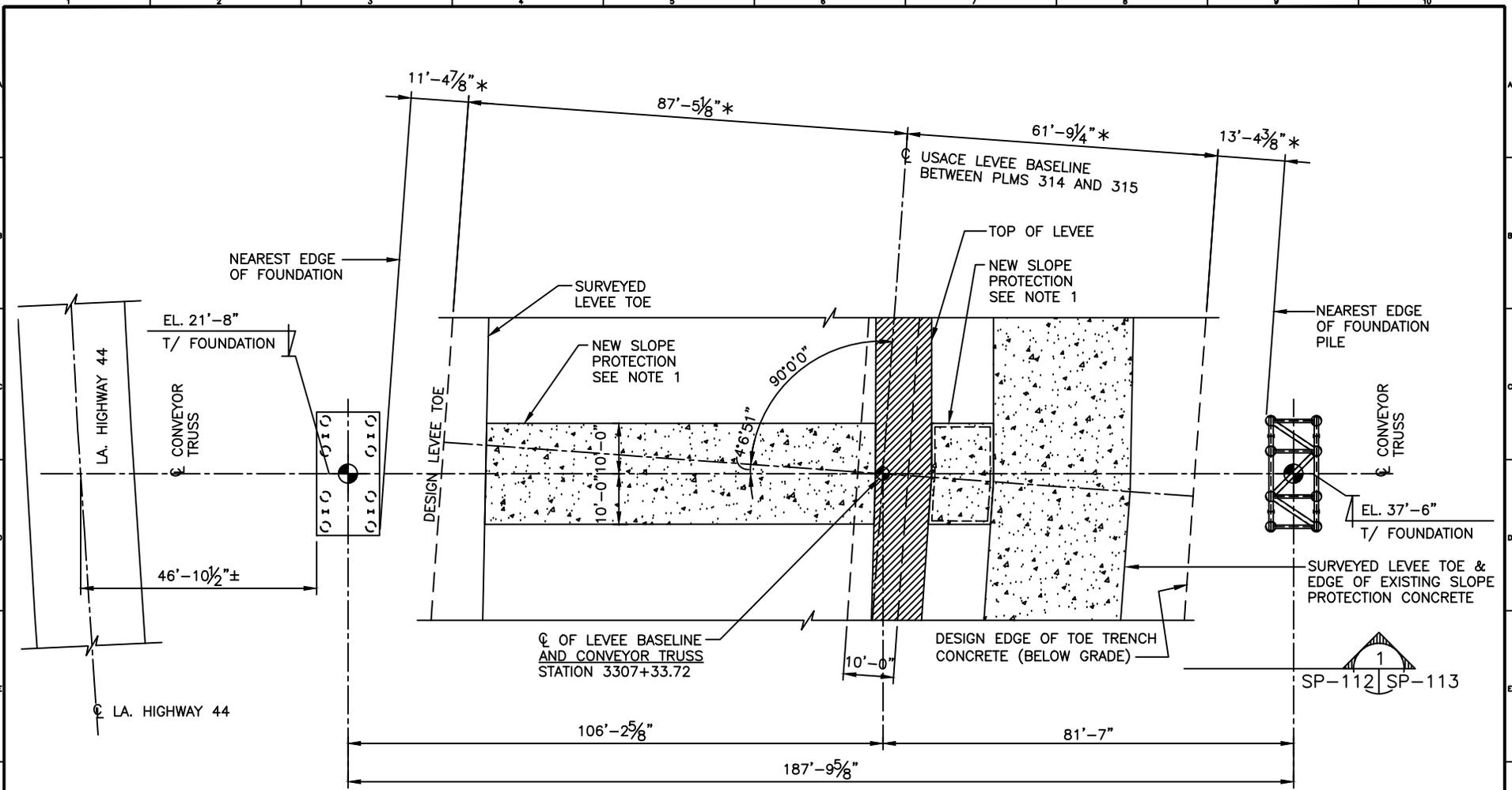
**EXCAVATION, EMBANKMENT & DREDGING PLAN**



T.E. Ibberson Company  
 1001 W. 12th Street  
 Metairie, Louisiana 70003

FACILITY EXPANSION	PLAN	2014-097	REVISION	B
ZEN-NOH GRAIN CORPORATION	SHEET	SHEET 13 OF 15		
CONVENT, LA.	<b>SP-111</b>			

Conceptual Design/  
 Construction Management



**PLAN - FOUNDATIONS BC140**

1" = 30'-0"

\* THESE DIMENSIONS ARE PERPENDICULAR TO THE USACE LEVEE BASELINE

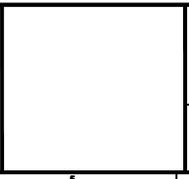
**NOTE 1**  
 CONCRETE SLOPE PROTECTION SHALL BE PLACED IN ACCORDANCE WITH THE ARMY CORPS. OF ENGINEERS STANDARD SHEET TITLED "SURFACE CROSSINGS TYPICAL FOR RIVER LEVEES" H-8-29027, DWG No 4.



REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
C	06/10/15	REVISED SHEET CALLOUT	TPJ	RCM
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	MJS	ENP

REV.	DATE	DESCRIPTION	REV. BY	APP'D BY

**NOTICE**  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.



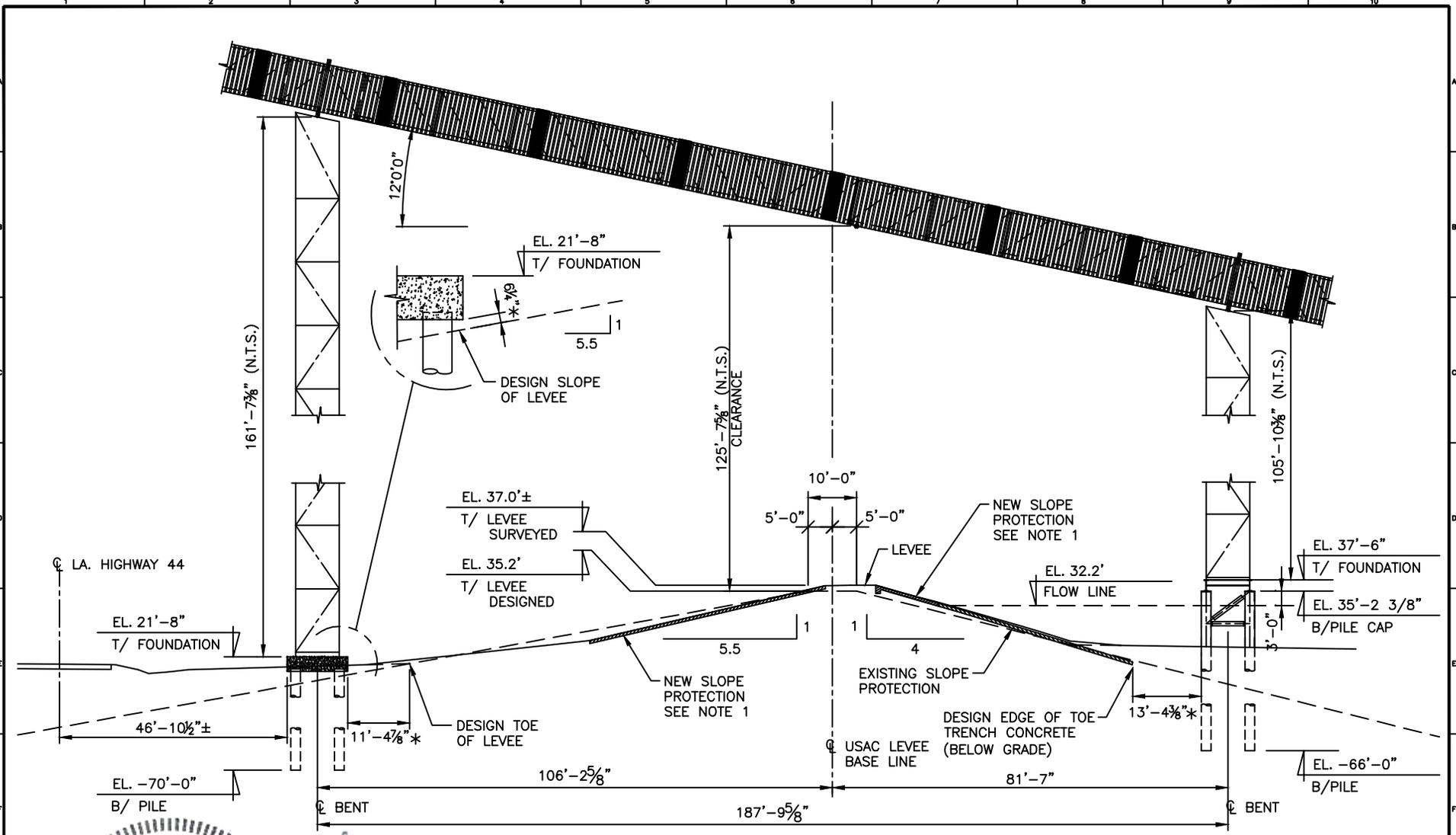
DATE	05/01/15
SCALE	NOTED
DRAWN BY	MJS
CHK'D BY	ENP
DESIGNER	ENP
REVIEWER	ENP

**SITE PLAN - PLAN AT LEVEE**  
**LEVEE STATION 3307+33.72**

FACILITY EXPANSION	PLAN	2014-097	REVISION	C
ZEN-NOH GRAIN CORPORATION	SHEET	SHEET 14 of 15		
CONVENT, LA.				
T.E. Ibberson Company				

CONVENT, LA.	SP-112
--------------	--------

THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER



SECTION - BARGE RECEIVING TRANSFER LINE BC140

1" = 30'-0"

SP-112 | SP-113

\* THESE DIMENSIONS ARE PERPENDICULAR TO THE USACE LEVEE BASELINE

NOTE 1  
 CONCRETE SLOPE PROTECTION SHALL BE PLACED IN ACCORDANCE WITH THE ARMY CORPS. OF ENGINEERS STANDARD SHEET TITLED "SURFACE CROSSINGS TYPICAL FOR RIVER LEVEES" H-8-29027, DWG No. 4



THIS DRAWING SHOULD NOT BE SCALED UNLESS PLOTTED ON 8.5" x 11" PAPER

REV.	DATE	DESCRIPTION	DESIGNED BY	APP'D BY
C	06/10/15	REVISED SHEET CALLOUT	TPJ	RCM
B	06/03/15	REV PER APPLICATION COMMENTS	TPJ	RCM
A	05/15/15	ISSUED FOR PERMIT	MJS	ENP

DATE	DESCRIPTION	DESIGNED BY	APP'D BY
05/01/15	DATE NOTED	MJS	ENP
05/01/15	SCALE NOTED	MJS	ENP
05/01/15	DRAWN BY	MJS	ENP
05/01/15	CHK'D BY	ENP	ENP
05/01/15	DESIGNER	ENP	ENP
05/01/15	REVIEWER	ENP	ENP

NOTICE  
 These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
 COPYRIGHT © 2015, T.E. IBBERSON CO. ALL RIGHTS RESERVED.



DATE	05/01/15
SCALE	NOTED
DRAWN BY	MJS
CHK'D BY	ENP
DESIGNER	ENP
REVIEWER	ENP

SITE PLAN - SECTION AT LEVEE  
 LEVEE STATION 3307+33.72

FACILITY EXPANSION	PLAN	2014-097	REVISION	C
ZEN-NOH GRAIN CORPORATION	SHEET	SHEET 15 OF 15		
CONVENT, LA.	SP-113			
T.E. Ibberson Company	Conceptual Design/ Construction/ Construction Management			

DATE	05/01/15
SCALE	NOTED
DRAWN BY	MJS
CHK'D BY	ENP
DESIGNER	ENP
REVIEWER	ENP

**LEGEND**

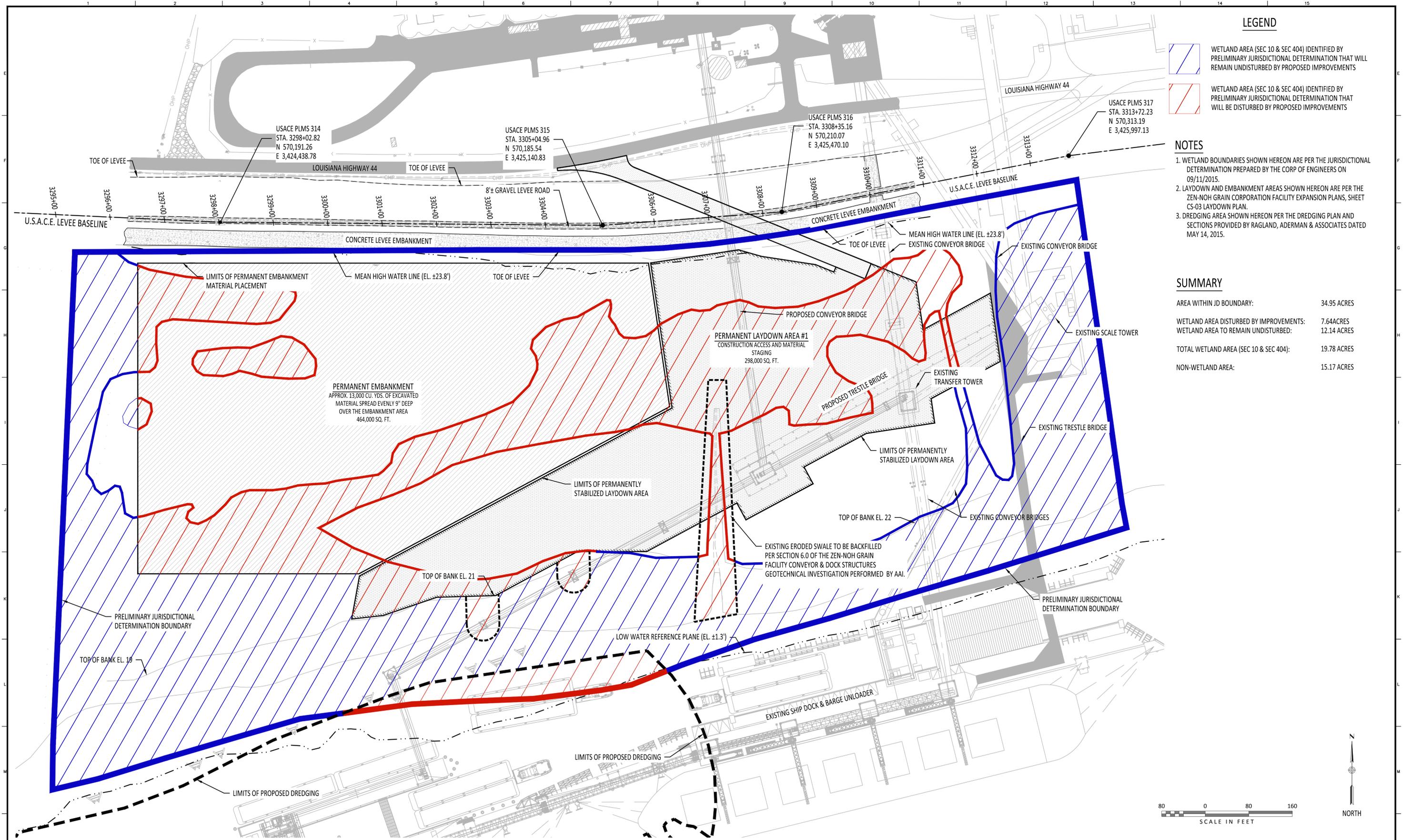
-  WETLAND AREA (SEC 10 & SEC 404) IDENTIFIED BY PRELIMINARY JURISDICTIONAL DETERMINATION THAT WILL REMAIN UNDISTURBED BY PROPOSED IMPROVEMENTS
-  WETLAND AREA (SEC 10 & SEC 404) IDENTIFIED BY PRELIMINARY JURISDICTIONAL DETERMINATION THAT WILL BE DISTURBED BY PROPOSED IMPROVEMENTS

**NOTES**

1. WETLAND BOUNDARIES SHOWN HEREON ARE PER THE JURISDICTIONAL DETERMINATION PREPARED BY THE CORP OF ENGINEERS ON 09/11/2015.
2. LAYDOWN AND EMBANKMENT AREAS SHOWN HEREON ARE PER THE ZEN-NOH GRAIN CORPORATION FACILITY EXPANSION PLANS, SHEET CS-03 LAYDOWN PLAN.
3. DREDGING AREA SHOWN HEREON PER THE DREDGING PLAN AND SECTIONS PROVIDED BY RAGLAND, ADERMAN & ASSOCIATES DATED MAY 14, 2015.

**SUMMARY**

AREA WITHIN JD BOUNDARY:	34.95 ACRES
WETLAND AREA DISTURBED BY IMPROVEMENTS:	7.64 ACRES
WETLAND AREA TO REMAIN UNDISTURBED:	12.14 ACRES
TOTAL WETLAND AREA (SEC 10 & SEC 404):	19.78 ACRES
NON-WETLAND AREA:	15.17 ACRES



REV.	DATE	DESCRIPTION	REV. BY	APP'D BY	REV.	DATE	DESCRIPTION	REV. BY	APP'D BY
1					1	09-18-15	ISSUED FOR INFORMATION	BRP	RCM
2					2	09-18-15	ISSUED FOR INFORMATION	BRP	RCM

DATE 09/18/2015  
SCALE NOTED  
DRAWN BY BRP  
CHK'D BY KJC  
DESIGNER BRP  
REVIEWER RCM

**WETLAND IMPACTS SKETCH**

FACILITY EXPANSION  
ZEN-NOH GRAIN CORPORATION  
CONVENT, LA

T.E. Ibberson Company  
Conceptual Designs/  
Construction Management

PLAN 20013544  
SHEET B  
SKC-02

DRAWING NAME: J:\2014097-Convnt\_Zen-Noh\CIV\SKC-Sketches\20013544-SKC\_02.dwg  
SEP 18 2015 - 1:55pm

**Kiewit**  
Kiewit Engineering & Design Co.  
2001 Amber Ridge Drive  
Levee, Kansas 66219

NOTICE  
These drawings and all designs, details, inventions and developments covered hereby are confidential and proprietary and are owned and copyrighted by T.E. IBBERSON CO. (which reserves all patent or other rights hereto) and may not be used, copied or duplicated, in whole or in part, without the express prior written consent of T.E. IBBERSON CO. These drawings and any such copies shall be returned when requested.  
COPYRIGHT © 2015.  
T.E. IBBERSON CO.  
ALL RIGHTS RESERVED.