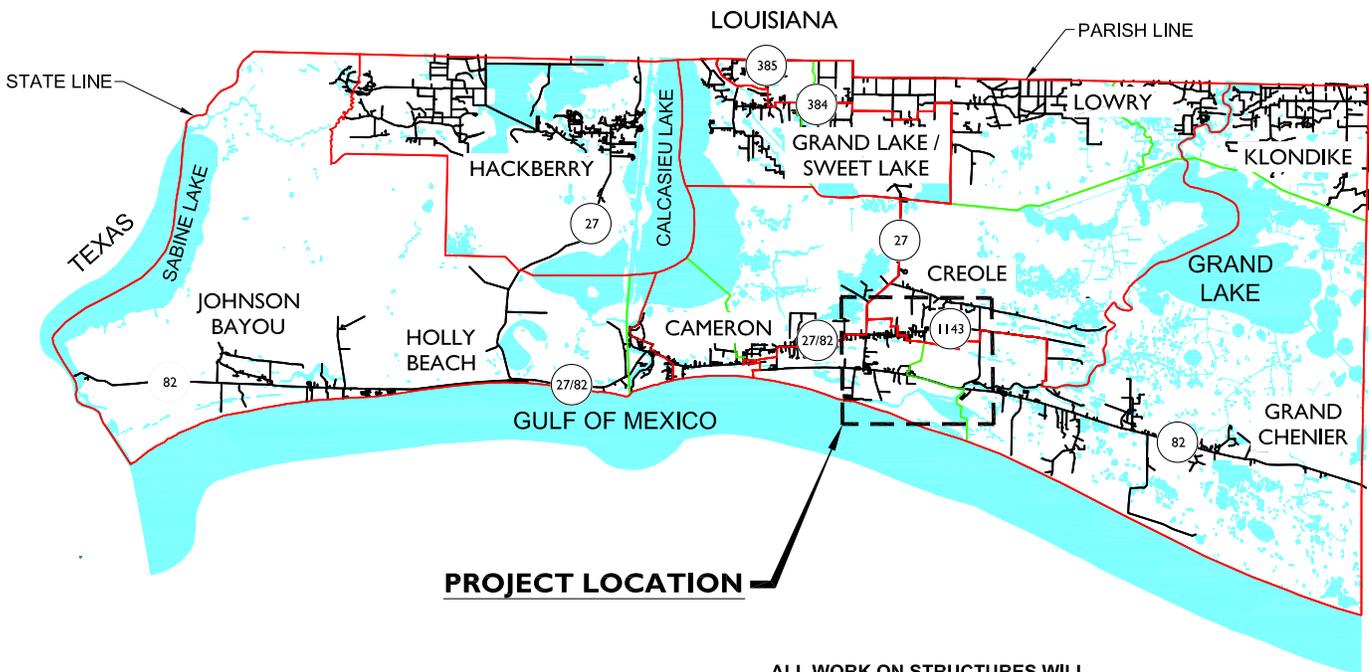
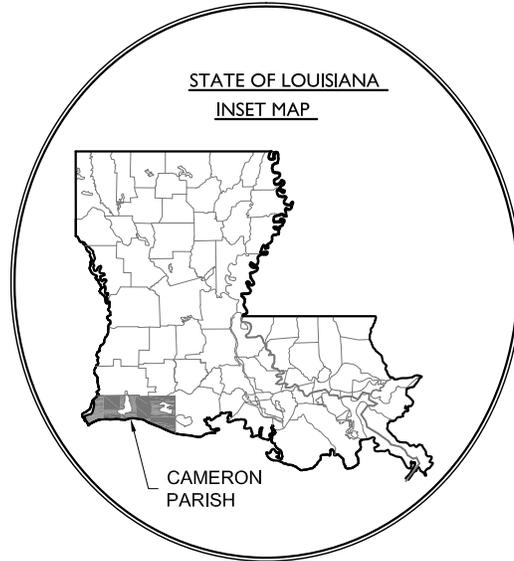


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:
J.M.H. 02/06/2013

CAMERON PARISH, LOUISIANA
SECTION 32, T.14S., R.7W.
SECTION 5, T.15S., R.6W.

SHEET 01 OF 13



**ALL WORK ON STRUCTURES WILL
BE LAND BASED ONLY.**

PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4
MODIFICATION OF EXISTING WATER CONTROL
STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

VICINITY MAP

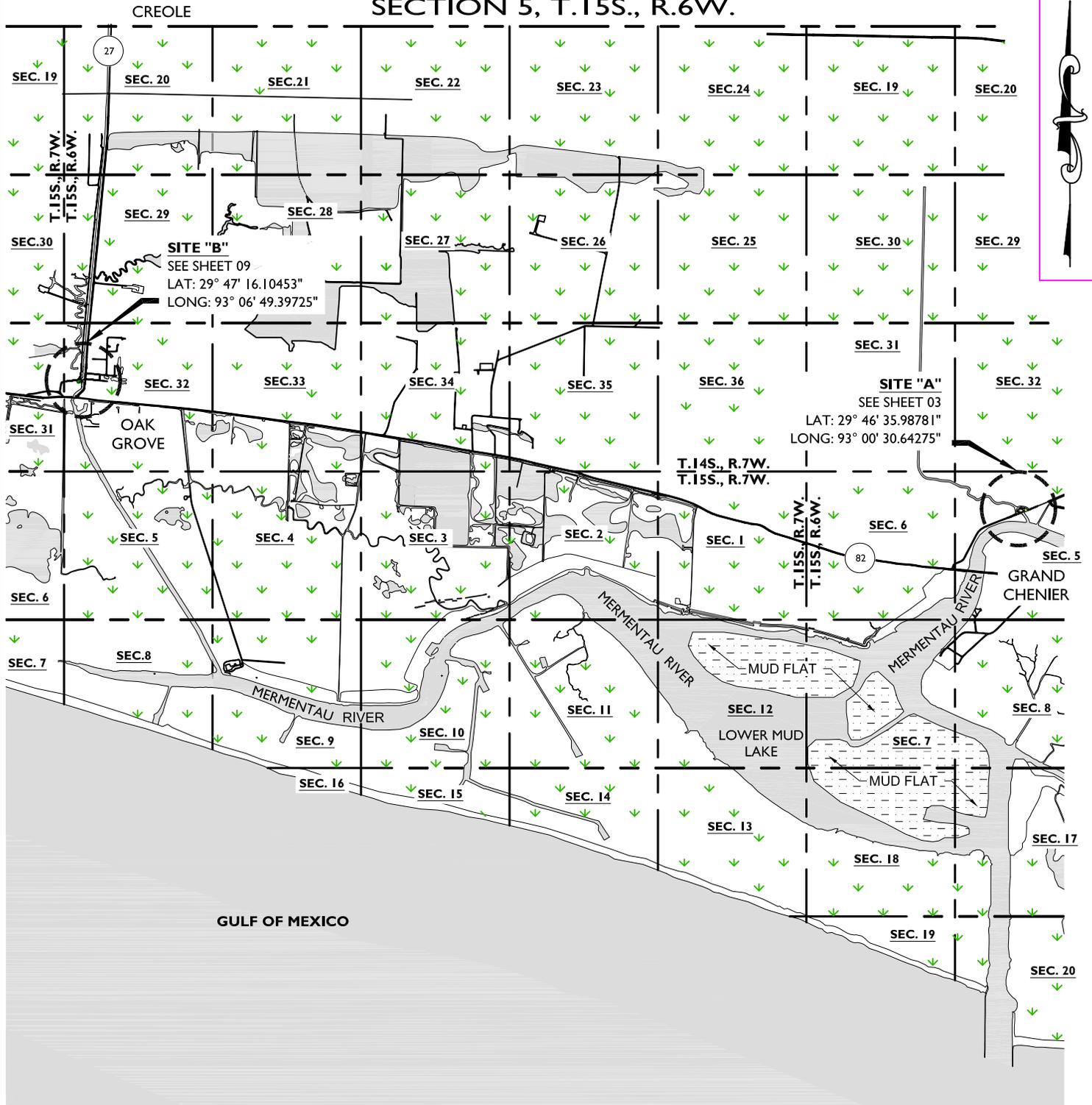


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:

CAMERON PARISH, LOUISIANA SECTION 32, T.14S., R.7W. SECTION 5, T.15S., R.6W.

SHEET 02 OF 13



PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4 MODIFICATION OF EXISTING WATER CONTROL STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

PROJECT LOCATION



NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

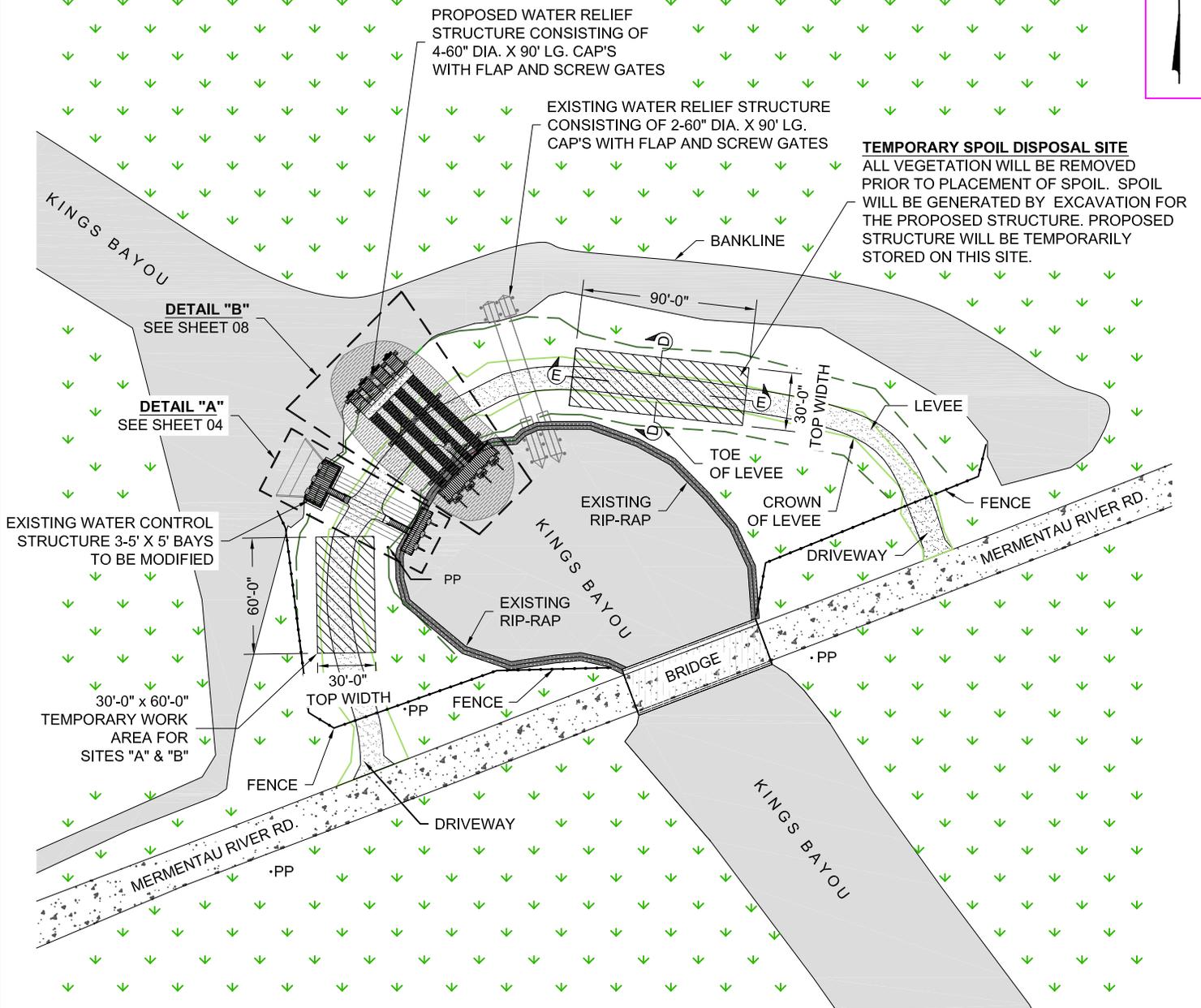
REVISED:

CAMERON PARISH, LOUISIANA SECTION 32, T.14S., R.7W. SECTION 5, T.15S., R.6W.

SHEET 03 OF 13



SECTION 05



PREPARED BY:



LONNIE G. HARPER & ASSOCIATES, INC.

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4 MODIFICATION OF EXISTING WATER CONTROL STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

SITE "A"

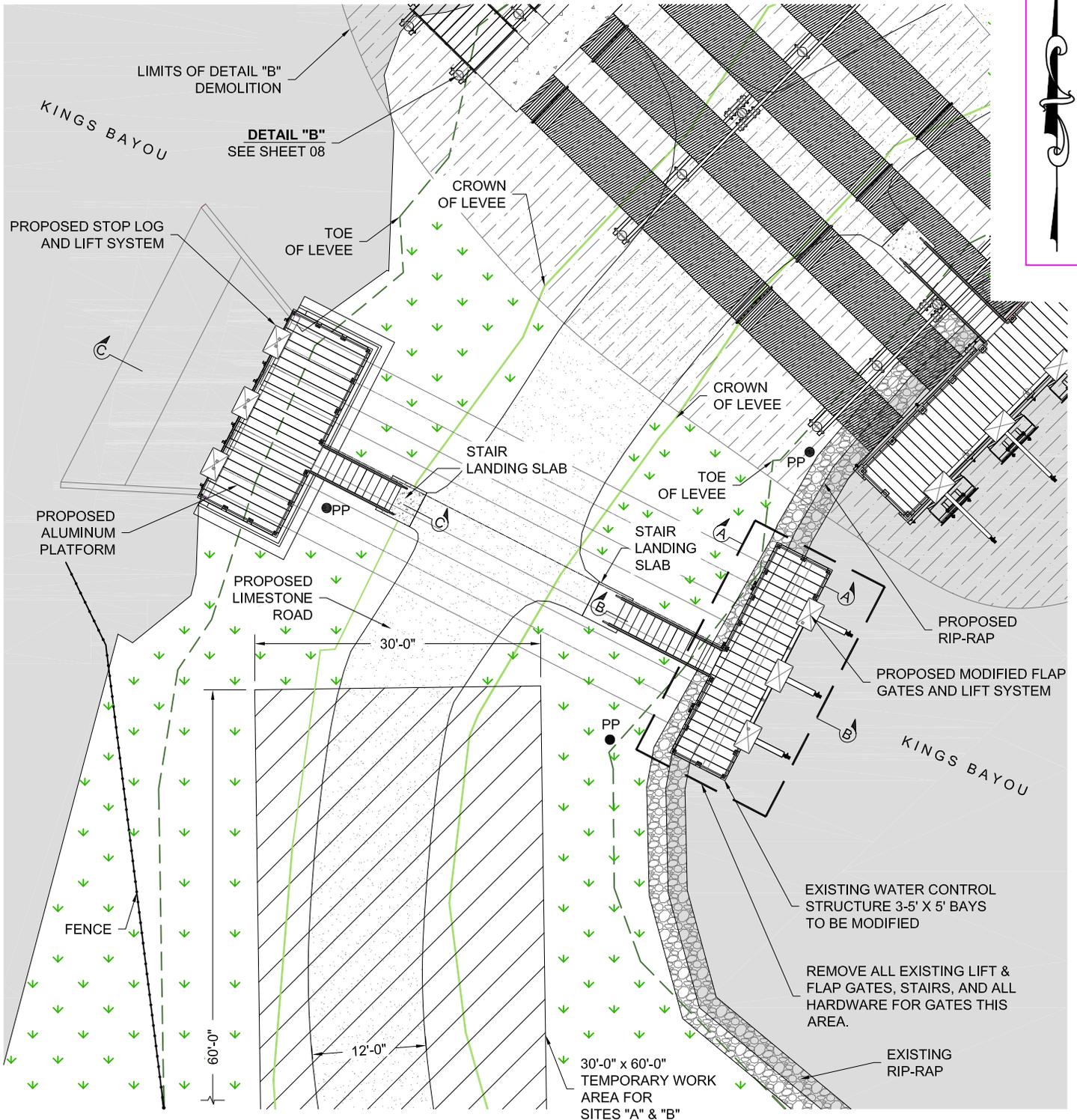


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:

CAMERON PARISH, LOUISIANA SECTION 32, T.14S., R.7W. SECTION 5, T.15S., R.6W.

SHEET 04 OF 13



PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4 MODIFICATION OF EXISTING WATER CONTROL STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

DETAIL "A"

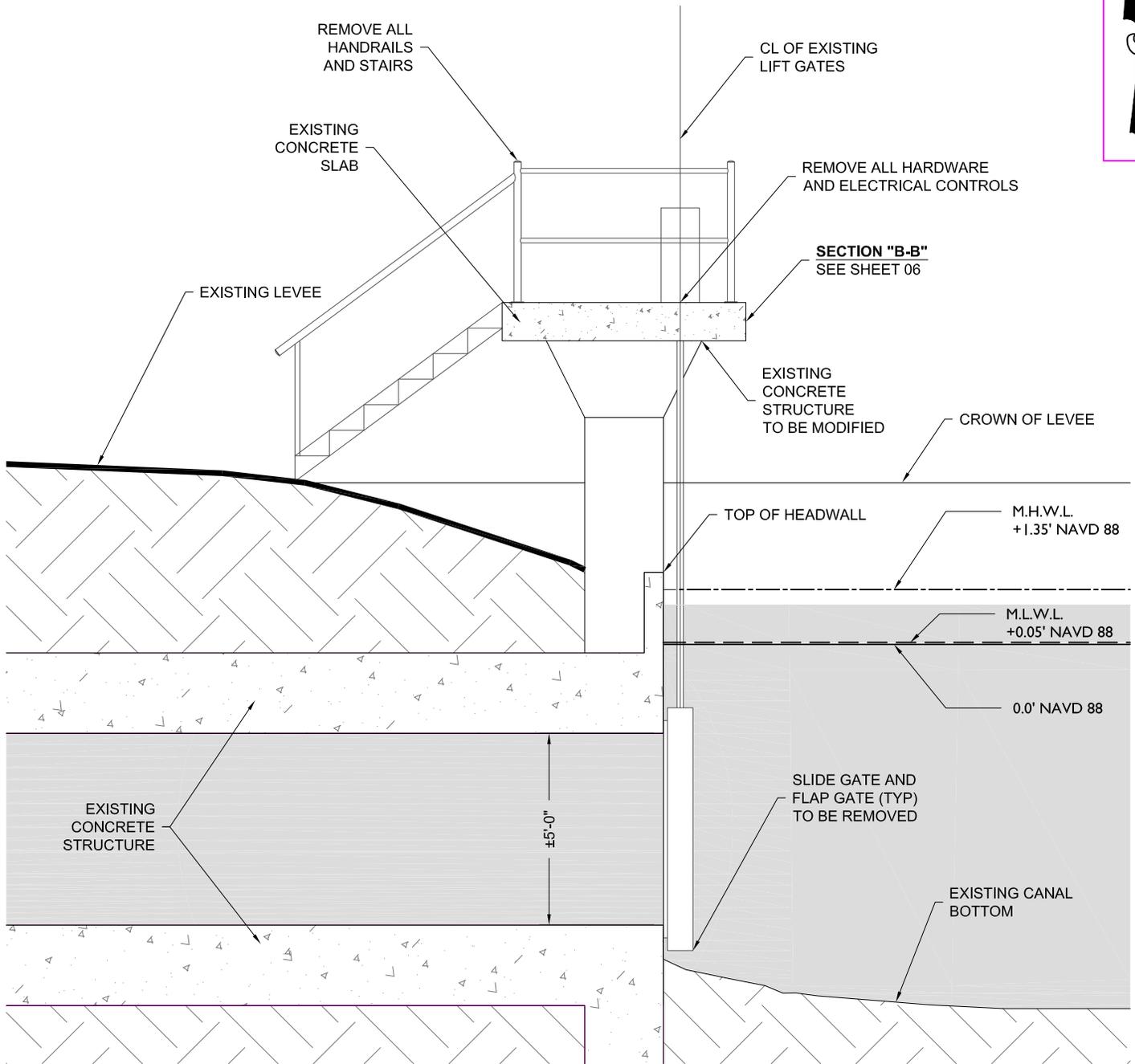
0 15'
SCALE IN FEET

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:

CAMERON PARISH, LOUISIANA
SECTION 32, T.14S., R.7W.
SECTION 5, T.15S., R.6W.

SHEET 05 OF 13



PREPARED BY:



LONNIE G. HARPER
& ASSOCIATES, INC.

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4
MODIFICATION OF EXISTING WATER CONTROL
STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

SECTION "A-A"
DEMOLITION

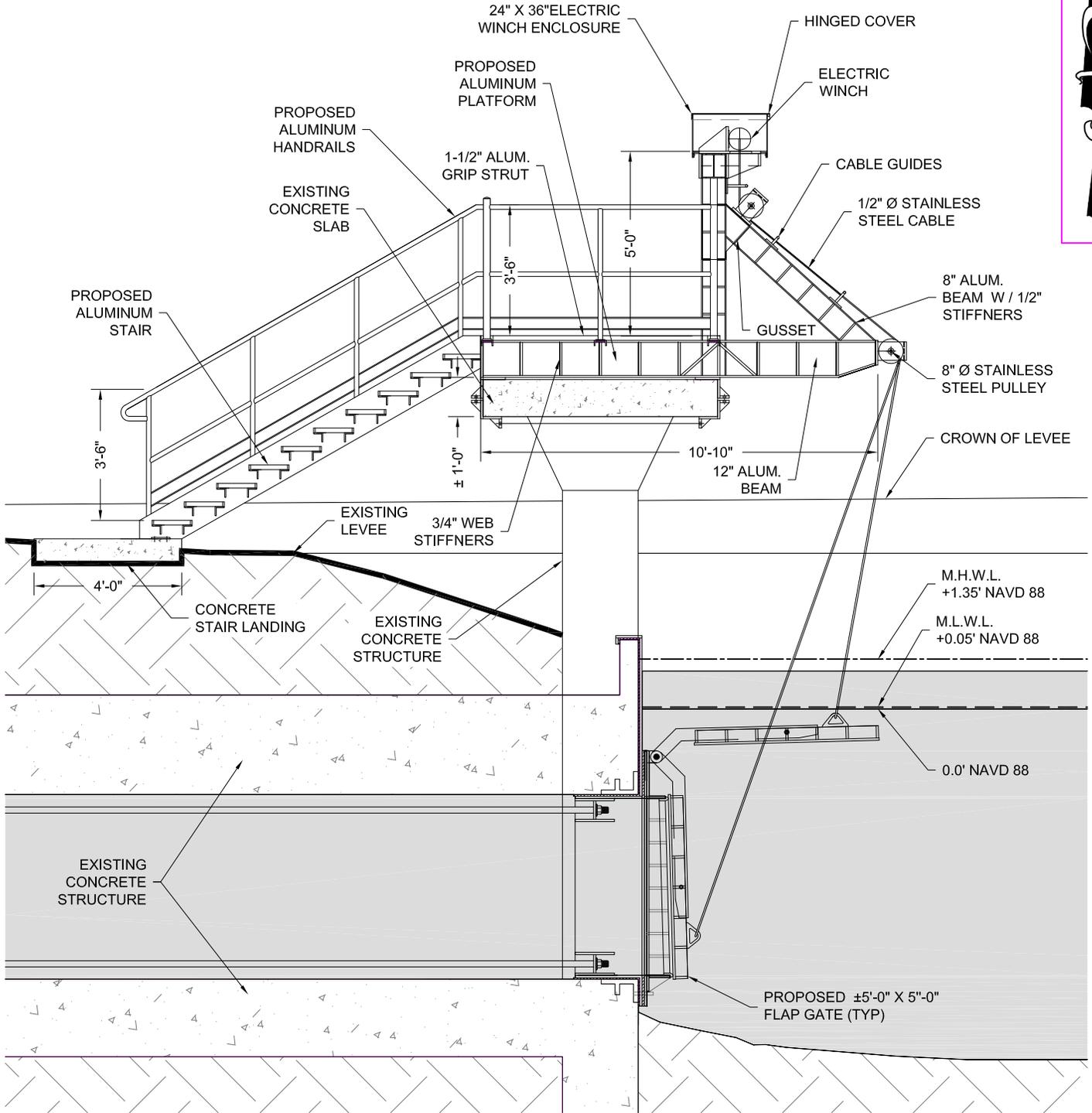
0 4'
SCALE IN FEET

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:

**CAMERON PARISH, LOUISIANA
SECTION 32, T.14S., R.7W.
SECTION 5, T.15S., R.6W.**

SHEET 06 OF 13



PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

**C P GRAVITY DISTRICT NO. 4
MODIFICATION OF EXISTING WATER CONTROL
STRUCTURES IN THE CREOLE AREA**

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

**SECTION "B-B"
PROPOSED FLAP GATE**

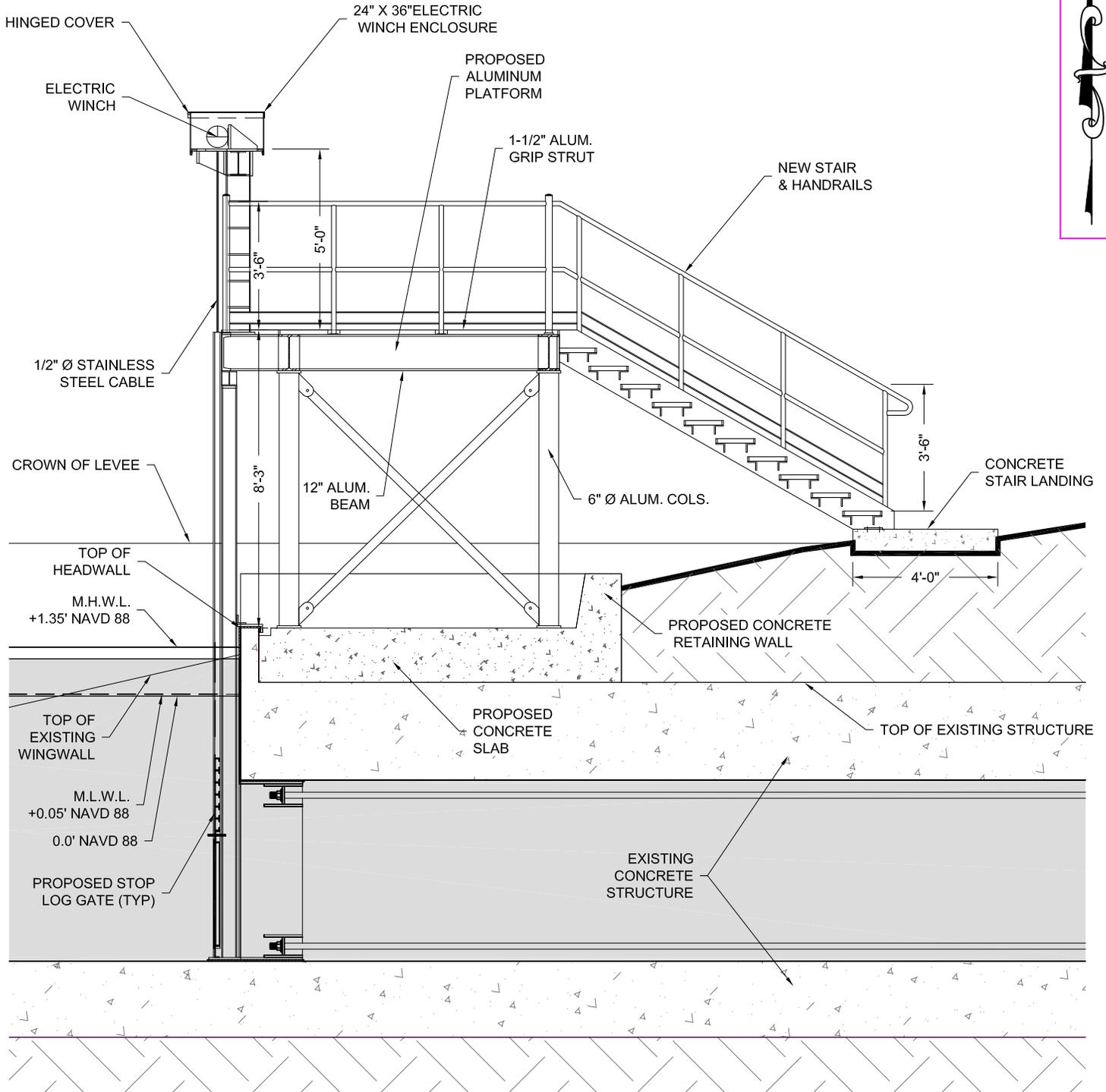


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:

CAMERON PARISH, LOUISIANA SECTION 32, T.14S., R.7W. SECTION 5, T.15S., R.6W.

SHEET 07 OF 13



PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4 MODIFICATION OF EXISTING WATER CONTROL STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

SECTION "C-C" PROPOSED STOP LOG GATE

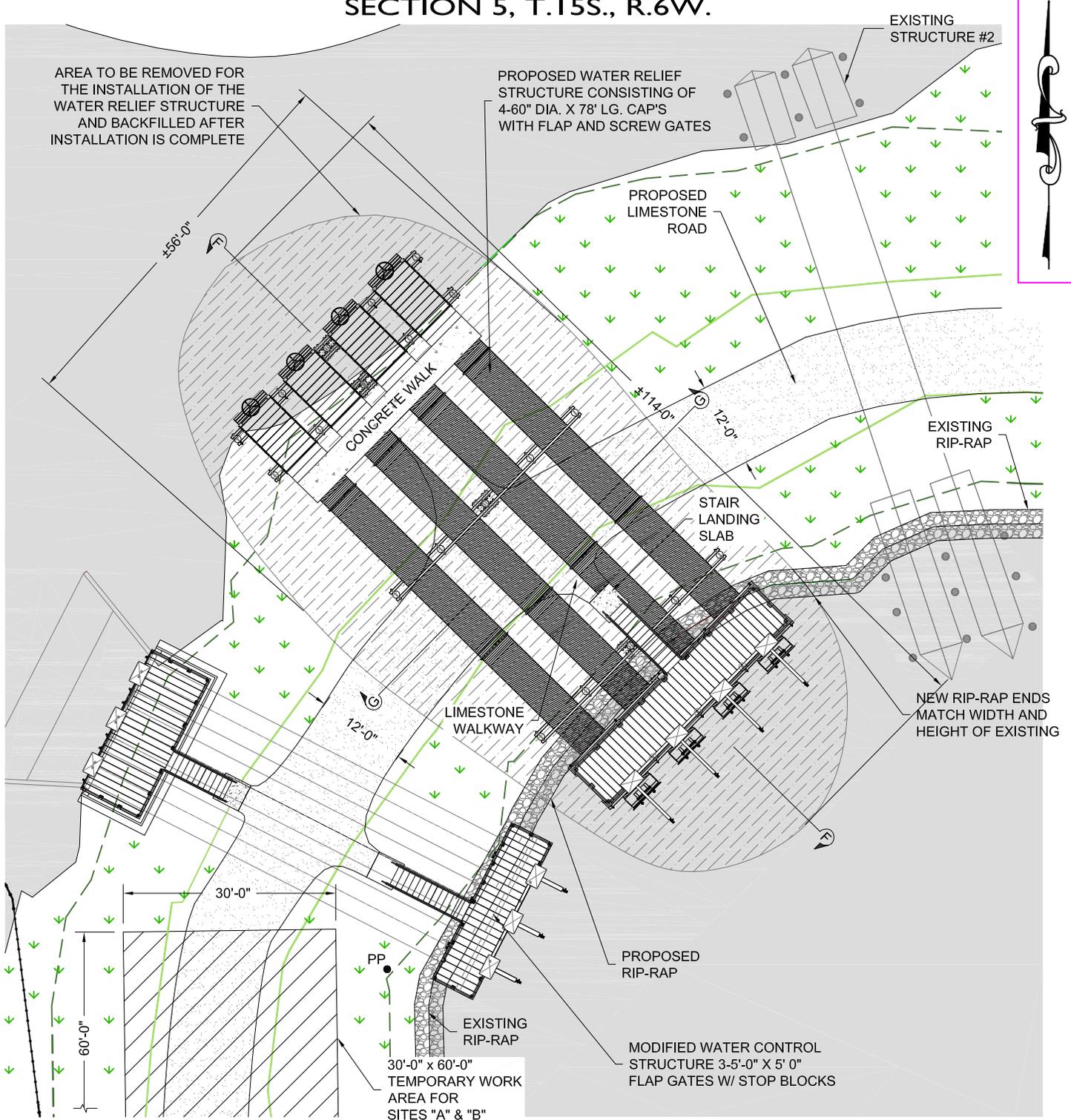


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:
J.M.H. 02/06/2013

CAMERON PARISH, LOUISIANA SECTION 32, T.14S., R.7W. SECTION 5, T.15S., R.6W.

SHEET 08 OF 13



PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4 MODIFICATION OF EXISTING WATER CONTROL STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

DETAIL "B"

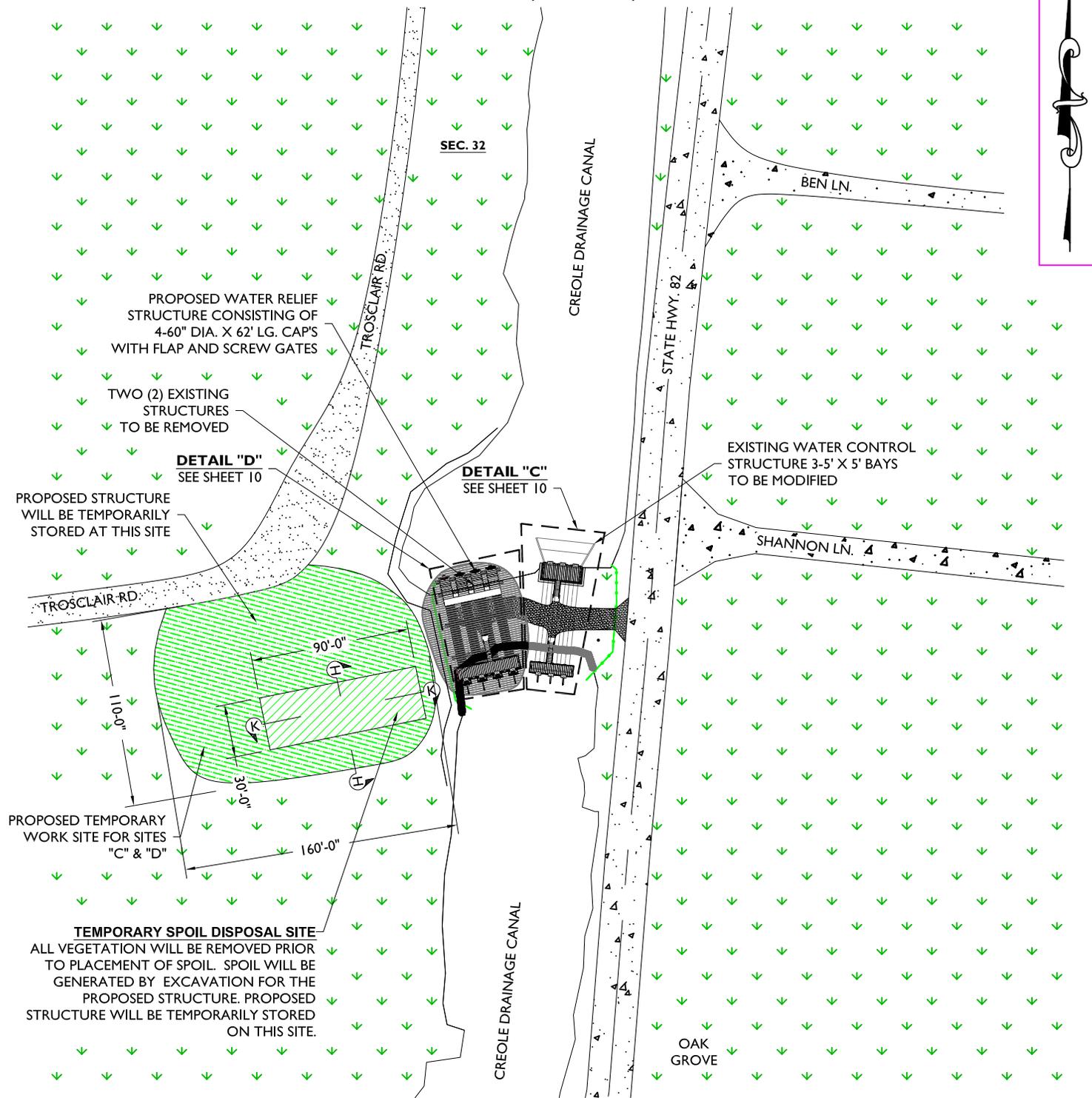


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:
J.M.H. 02/06/2013

CAMERON PARISH, LOUISIANA SECTION 32, T.14S., R.7W. SECTION 5, T.15S., R.6W.

SHEET 09 OF 13



PREPARED BY:



LONNIE G. HARPER & ASSOCIATES, INC.

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4 MODIFICATION OF EXISTING WATER CONTROL STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

SITE "B"

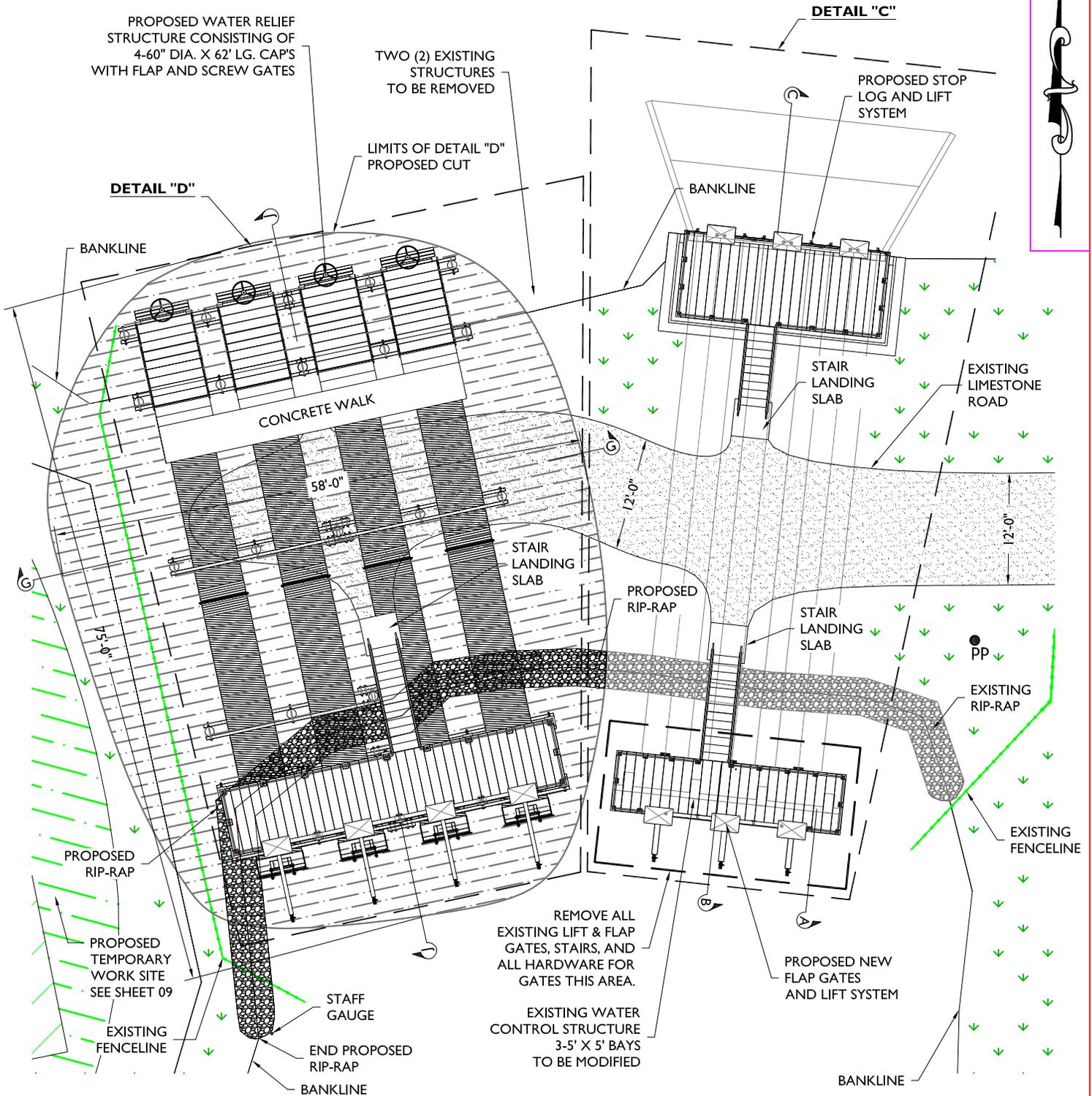


NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:
J.M.H. 02/06/2013

CAMERON PARISH, LOUISIANA
SECTION 32, T.14S., R.7W.
SECTION 5, T.15S., R.6W.

SHEET 10 OF 13



PREPARED BY:



LONNIE G. HARPER & ASSOCIATES, INC.

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4
MODIFICATION OF EXISTING WATER CONTROL
STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

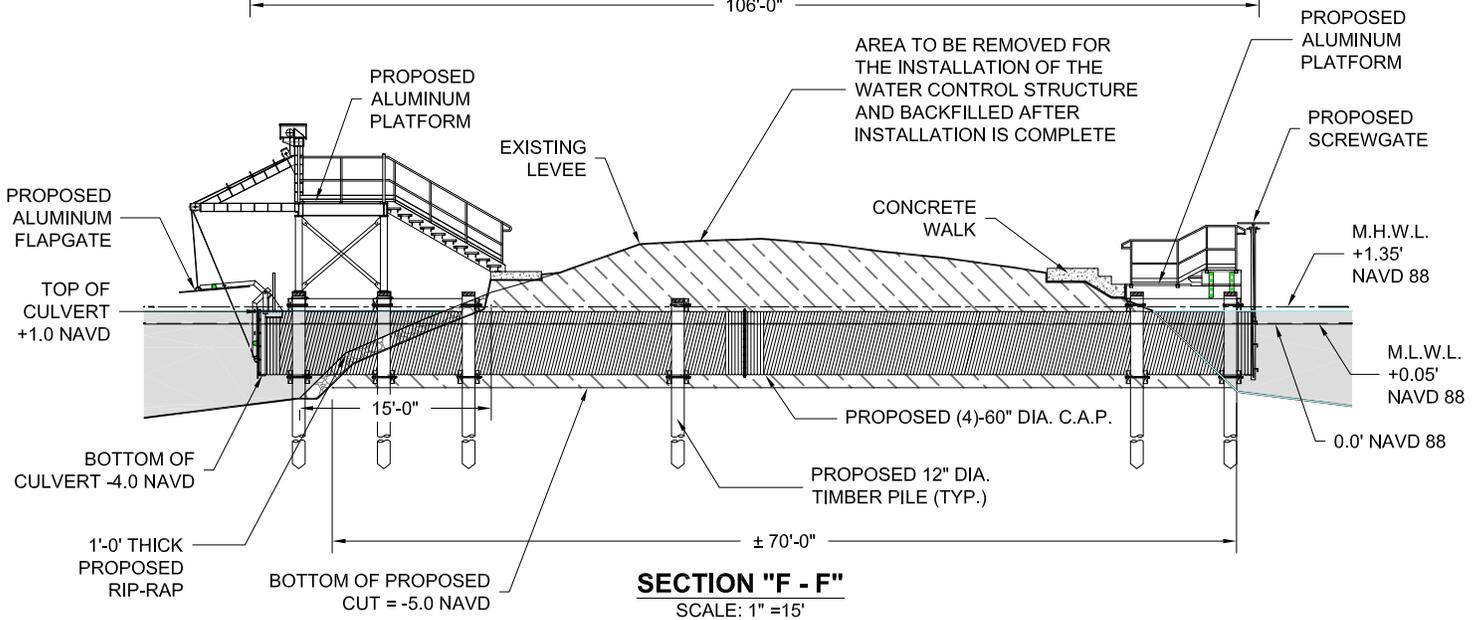
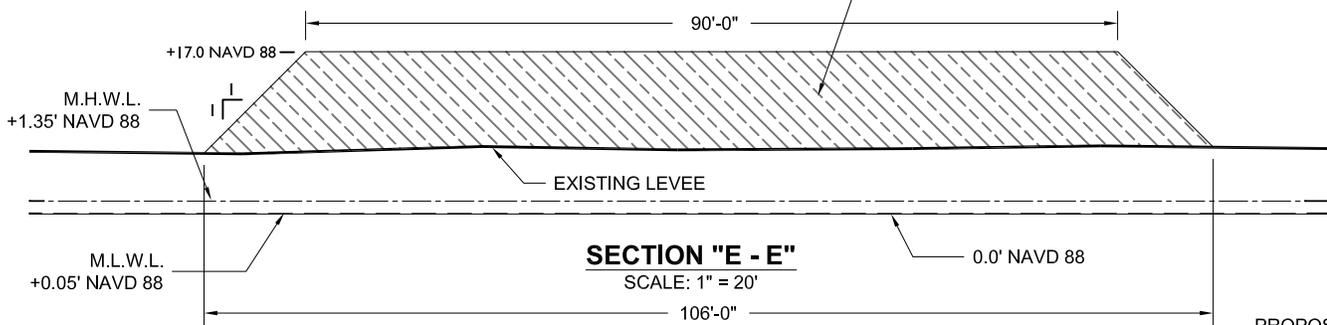
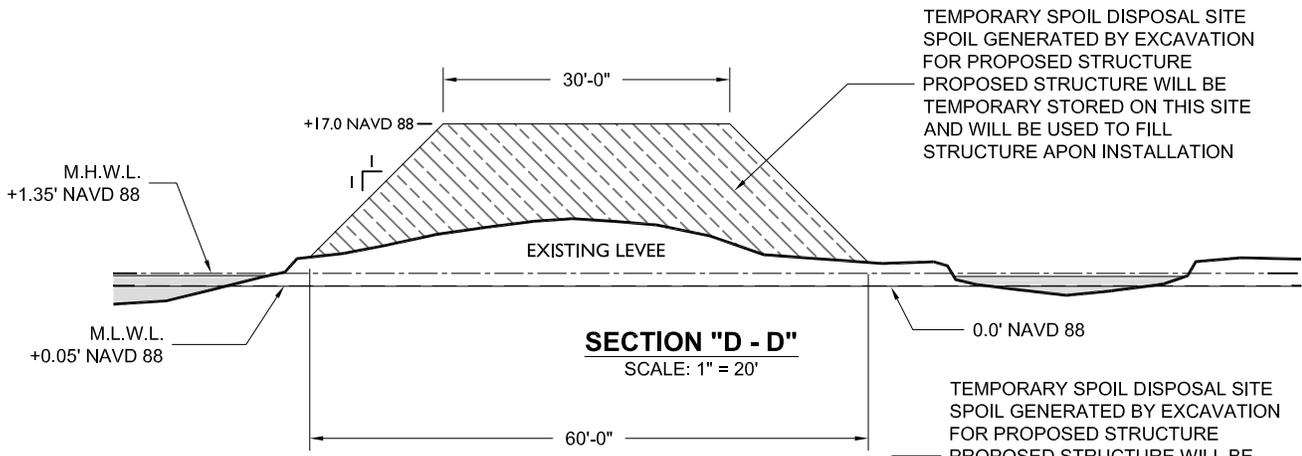
DETAILS "C" AND "D"



NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:
J.M.H. 02/06/2013

SHEET 11 OF 13



PREPARED BY:



LONNIE G. HARPER
& ASSOCIATES, INC.

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

C P GRAVITY DISTRICT NO. 4
MODIFICATION OF EXISTING WATER CONTROL
STRUCTURES IN THE CREOLE AREA

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

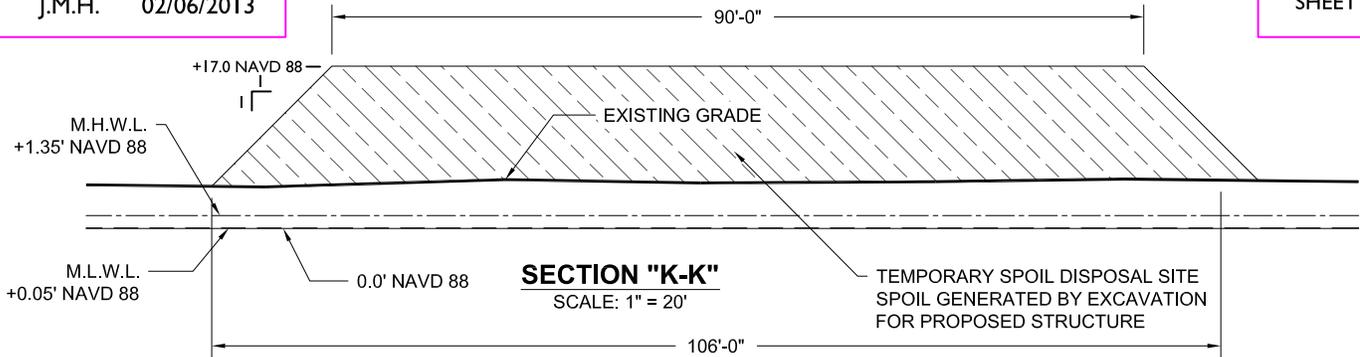
SECTIONS "D-D"
THRU "F-F"

AS NOTED

NOTE: THESE DRAWINGS ARE TO BE USED EXCLUSIVELY FOR ACQUISITION OF REGULATORY PERMITS.

REVISED:
J.M.H. 02/06/2013

SHEET 13 OF 13



GENERAL NOTES:

1. DETAILS "A" & "C": THE APPLICANT REQUEST AUTHORIZATION TO MODIFY THE EXISTING CONCRETE STRUCTURES. MODIFICATIONS WILL CONSIST OF THE CONSTRUCTING OF NEW ALUMINUM PLATFORMS WITH ELECTRIC WINCHES, FOR THE LIFTING OF NEW FLAP GATES AND STOP LOG ASSEMBLIES ON THE INLET & OUTLET SIDES. EACH EXISTING STRUCTURE CONSIST OF (3) ± 5' X 5' FLAP GATES. WORK TO BE PERFORMED IN SECTION 5, TOWNSHIP 15 SOUTH, RANGE 6 WEST, AND SECTION 32, TOWNSHIP 14 SOUTH, RANGE 7 WEST, CAMERON PARISH, LOUISIANA, AS SHOWN ON THE ENCLOSED DRAWINGS.
2. DETAIL "B": THE APPLICANT REQUEST AUTHORIZATION TO INSTALL (2) 60" DIA. X 78' LG. C.A.P.'S WITH FLAP AND SCREW GATES, WITH THE OPTION TO INSTALL A TOTAL OF (4) 60" DIA. X 78' LG. C.A.P.'S. STRUCTURE WILL CONSIST OF ALUMINUM PLATFORMS WITH ELECTRIC WINCHES, FOR LIFTING FLAP GATES. WORK PERFORMED IN SECTION 5, TOWNSHIP 15 SOUTH, RANGE 6 WEST, CAMERON PARISH, LOUISIANA, AS SHOWN ON THE ENCLOSED DRAWINGS.
3. DETAIL "D": THE APPLICANT REQUEST AUTHORIZATION TO REMOVE TWO (2) EXISTING STRUCTURES AND INSTALL TWO (2) 60" DIA. X 62' LG. C.A.P.'S WITH FLAP AND SCREW GATES, WITH THE OPTION TO INSTALL A TOTAL OF FOUR (4) 60" DIA. X 62' LG. C.A.P.'S. STRUCTURE WILL CONSIST OF ALUMINUM PLATFORMS WITH ELECTRIC WINCHES, FOR LIFTING FLAP GATES. WORK PERFORMED IN SECTION 32, TOWNSHIP 14 SOUTH, RANGE 7 WEST, CAMERON PARISH, LOUISIANA, AS SHOWN ON THE ENCLOSED DRAWINGS.
4. APPROXIMATELY 2500 CUBIC YARDS (DETAIL "B") AND 1720 CU YARDS (DETAIL "D") OF NATIVE MATERIAL WILL BE REMOVED FROM EXISTING LEVEES AND TEMPORARILY STOCKPILED ON EXISTING LEVEE AT DETAILS "A" & "B" AND ON THE OFFSITE LOCATION (DETAIL "D") FOR THE INSTALLATION OF THE PROPOSED WATER CONTROL STRUCTURES. AFTER INSTALLATIONS ARE COMPLETE THE SPOIL WILL BE USED AS BACKFILL.
5. DETAILS "A" & "B": WILL USE APPROXIMATELY 35 TONS OF RIP-RAP, DETAILS "C" & "D" WILL USE APPROXIMATELY 25 TONS OF RIP-RAP. THE MATERIAL WILL BE PLACED AROUND BOTH FLAP GATE AND SCREW GATES OF PROPOSED STRUCTURES AND USED FOR EROSION PROTECTION.

OPERATION PLAN:

1. THE PERMITTEE WILL NOT OPERATE THE STRUCTURE TO DISCHARGE WATER UNLESS WATER LEVELS AT THE MEAUX, THE LITTLE CHENIER CANAL, AND THE LA HWY. 1143 STAFF GAUGES EXCEEDS +1.0 NAVD88.
2. WEEKLY RECORDS OF WATER LEVELS AT THE STAFF GAUGES LOCATED IN LITTLE CHENIER CANAL, KING'S BAYOU, CREOLE CANAL, MEAUX, AND LA HWY. 1143 SHALL BE MAINTAINED BY THE PERMITTEE AND MADE AVAILABLE TO THE COASTAL MGT. DIVISION UPON REQUEST.
3. IN ORDER TO INSURE THE SAFETY OF ALL PARTIES INVOLVED, THE PERMITTEE WILL CONTACT THE LOUISIANA DOTTIE SYSTEM, (1-800-272-3020) A MINIMUM OF 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY ACTIVITY.

LAND OWNERS:

SECTION 5, TOWNSHIP 15 SOUTH, RANGE 06 WEST: OAK GROVE

RUBY MARIE NUNEZ MILLER
BOYD ALLEN NUNEZ et al
DONNY LEE NUNEZ

SECTION 32, TOWNSHIP 14 SOUTH, RANGE 07 WEST: KING'S BAYOU

J.C. REINA et al
MERMENAU MINERAL LAND CO.

PREPARED BY:



**LONNIE G. HARPER
& ASSOCIATES, INC.**

2746 HWY. NO. 384 BELL CITY, LOUISIANA 70643
PHONE: (337) 905-1079 FAX: (337) 905-1076

**C P GRAVITY DISTRICT NO. 4
MODIFICATION OF EXISTING WATER CONTROL
STRUCTURES IN THE CREOLE AREA**

APPLICATION BY: CAMERON PARISH GRAVITY DISTRICT NO. 4
DATE: 09/24/2012 CAMERON, CAMERON PARISH, LA

**SECTION "K-K"
AND GENERAL NOTES**

AS NOTED