| TRACT #5 | XXX       |
| TRACT #6 | XXX       |
| TRACT #7 | CLAUDE P. PRICE |
| TRACT #8 | XXX       |
| TRACT #9 | LAURA PORCHE AUTHEMEN |
| TRACT #10 | LARRY AUTHEMEN |
| TRACT #11 | PEGGY DUPLANTIS, ET AL |
| TRACT #12 | CALVIN J. AUTHEMEN |
| TRACT #13 | CALVIN J. AUTHEMEN |
| TRACT #14 | KIM A. DOMANIQUE |
| TRACT #15 | DEBORAH CARNEY HEBERT |
| TRACT #16 | REINALDO R. BEAL |
| TRACT #17 | ERIC J. CARLOS |
| TRACT #18 | KENNIE DWIGHT MARYLAND |
| TRACT #19 | WILSON DUPLANTIS |
| TRACT #20 | THE CONGREGATION OF THE H |
| TRACT #21 | ROBERT J. BOUDREAUX, ET A |
| TRACT #22 | ROBERT J. BOUDREAUX, ET A |
| TRACT #23 | CLEUS C. BERGERON SR. |
| TRACT #24 | MRS. BERTHA A. BOUDREAUX |
| TRACT #25 | DUPLANTIS EXPLORATION, INC. |
| TRACT #26 | EUNICE BLANCHARD VOISIN |
| TRACT #27 | JAMES J. COLLINS, JR., ET |
| TRACT #28 | BRYAN W. VOISIN |
| TRACT #29 | WESLEY JOHN FITCH |
| TRACT #30 | YVONNE CHAUVIN AUTHEMEN |
| TRACT #31 | SIDNEY HEBERT |
| TRACT #32 | LAWRENCE LUKE |
| TRACT #33 | LL&E/ BURLINGTON RESOURC |
| TRACT #34 | ANTOINE H. BOURG |
| TRACT #35 | JAMES J. CARLOS |
| TRACT #36 | ESTATE OF JAMES J. CARLOS |
| TRACT #37 | XXX |
| TRACT #38 | XXX |
| TRACT #39 | XXX |
| TRACT #40 | ESTHER C. GUIDRY ET AL |
| TRACT #41 | MOAH P. ORDOYNE |
| TRACT #42 | PATRICIA CHARLES |
| TRACT #43 | TRAVIS J. LUKE ET AL |
| TRACT #44 | XXX |
| TRACT #45 | XXX |
| TRACT #46 | XXX |
| TRACT #47 | XXX |
| TRACT #48 | ROBERT J. BOUDREAUX, SR. |
| TRACT #49 | XXX |
| TRACT #50 | XXX |
| TRACT #51 | RYAN PROPERTIES INC., ET |
| TRACT #52 | RYAN PROPERTIES INC., ET |
| TRACT #53 | JEROME JOSEPH FANGUY |
| TRACT #54 | ABEL J. BOUDREAUX, ET AL |
| TRACT #55 | CAMILLE J. COLLINS |
| TRACT #56 | EDDIE VOISIN, JR. |
| TRACT #57 | GLYNN J. DUPLANTIS |
| TRACT #58 | PERYC PETER DUPLANTIS |
| TRACT #59 | XXX |
| TRACT #60 | JESSIE C. SCOTT, ET AL |
| TRACT #61 | WILBERT JOS. MARONGE |

LANDOWNER LISTINGS
TE-46 - WEST LAKE BOUDREAUX
CONSTRUCTION UNIT NO. 1
TERREBONNE PARISH, LOUISIANA
**LAKE BOUDREAUX**

**PLAN NORTHERN SECTION**

**STATION 112+00 - 124+00**

**PROFILE - NORTHERN SECTION**

**STATION 112+00 - 124+00**

**NOTE:**
- The 9 of the rock dike shall be laid out on the 1+0 contour. Deviation from the 1+0 contour shall be as indicated on the "40' bench".
- Staking may change based on final staking of rock dike at time of construction. This will also change staking of containment dike.
- The project area is a historical forested area. Logs, stumps and woody material may be encountered in any of the areas to be excavated.

**PROPOSED EARTHEN CONTAINMENT ONLY**

**BEGIN ROCK WITH PARALLEL CONTAINMENT DIKE**

**MARSH CREATION-NORTH**

**AMENDMENT #2**

**NOTES:**
- Flotation material not used for parallel containment dike shall be placed in the marsh creation area (sta. 123+01 - 155+50 Northern Section).
- Material excavated to construct the Flotation Access Channel on the Northern Section, from sta. 100+00 - sta. 122+21 shall be placed on the lake side and pulled back into the Flotation Access Channel prior to final inspection. See typical section #4, sheet 21 of 85.

**NOTE:**
- Temporary warning signs shall be placed in the field as encountered by the Corps. Spacing shall not exceed 500 feet. See sheet 49 of 85 for warning sign details.
NOTE:
FLUOATION MATERIAL NOT USED FOR THE PARALLEL CONTAINMENT DIFE SHALL BE PLACED IN THE MARCH CREATION AREA (STA. 123+07 - 153+50 NORTHERN SECTION)

NOTE:
1. THE E OF THE ROCK DIFE SHALL BE LAID OUT ON THE -1.0 NAVD 88 CONTOUR. DEVIATION FROM THE -1.0 CONTOUR SHALL BE AS CONCEIVED IN THE C.O.R.A.
2. STATIONING MAY CHANGE BASED ON FINAL STANDOFF OF ROCK DIFE AT TIME OF CONSTRUCTION. THIS WILL ALSO CHANGE STATIONING OF CONTAINMENT DIFE.
3. THE PROJECT AREA IS A HISTORICAL FORESTED AREA. LOGS, STUMPS, AND WOODY MATERIAL MAY BE ENCOUNTERED IN ANY OF THE AREAS TO BE EXCAVATED.

PLAN NORTHERN SECTION
STATION 124+00 - 136+00

LEGEND
- OF ROCK DIFE
BOURING HOLE LOCATION
TIE OF DIFE
SETTLEMENT PLATE
FLUOATION ACCESS CHANNEL
PROPOSED CONTAINMENT DIFE ONLY
ROCK DIFE W/ PARALLEL CONTAINMENT DIFE

AMENDMENT #2
FINISH TOP OF ROCK DIFE AS REQUIRED

PROFILE - NORTHERN SECTION
STATION 124+00 - 136+00

"AS-BUILT"

NOTE: STATIONING ON THE ROCK DIFE HAS CHANGED.

DATUM: ALL HORIZONTAL COORDINATES - NAVD88
ALL VERTICAL COORDINATES - NAVD88
NOTES:

1. THE E OF THE ROCK DIKE SHALL BE LAID OUT ON THE +1.0 MAF 98 CONTOUR. DEVIATION FROM THE +1.0 CONTOUR SHALL BE AS CONCEIVED IN THE C.O.T.R.
2. STATIONING MAY CHANGE BASED ON FINAL STAKING OF ROCK DIKE AT TIME OF CONSTRUCTION. THIS WILL ALSO CHANGE STATIONING OF CONTAINMENT DIKES.
3. THE PROJECT AREA IS A HISTORICAL FORESTED AREA. LUMES, STUMPS AND WOODY MATERIAL MAY BE ENCOUNTERED IN ANY OF THE AREAS TO BE EXCAVATED.

LEGEND

- [ ] OF ROCK DIKE
- [ ] BORING HOLE LOCATION
- [ ] 10F OF DIKE
- [ ] SETTLEMENT PLATE
- [ ] FLAT DIKE ACCESS CHANNEL
- [ ] PROPOSED CONTAINMENT DIKE ONLY
- [ ] ROCK DIKE W/ PARALLEL CONTAINMENT DIKE

PROPOSED ROCK DIKE W/ PARALLEL CONTAINMENT DIKE

PLAN NORTHERN SECTION
STATION 136+00 - 148+00

AMENDMENT #2

PROFILE - NORTHERN SECTION
STATION 136+00 - 148+00

"AS BUILT"
NOTES:
1. THE END OF THE ROCK DIKE SHALL BE LAYED OUT ON THE -1.0 NAVD 88 CONTOUR. DEVIATION FROM THE -1.0 CONTOUR SHALL BE AS CONCEIVED IN THE C.O.T.R.
2. STATIONING MAY CHANGE BASED ON FINAL STAKEOUT OF ROCK DIKE AT TIME OF CONSTRUCTION. THIS WILL ALSO CHANGE STATIONING OF CONTAINMENT DIKE.
3. THE PROJECT AREA IS A HISTORICAL FORESTED AREA. LOGS, STUMPS AND WOODY MATERIAL MAY BE ENCOUNTERED IN ANY OF THE AREAS TO BE EXCAVATED.

PLAN - SOUTHERN SECTION

STATION 424+00 - 436+00

SCALE IN FEET

FINISH TOP OF CONTAINMENT DIKE AS REQUIRED

PROFILE - SOUTHERN SECTION

STATION 424+00 - 436+00

MODIFICATION #2

FINISH TOP OF ROCK DIKE ELEV. = +3.5

NOTES: STATIONING ON THE ROCK DIKE HAS CHANGED.
NOTE: STATIONING ON THE ROCK DIKE HAS CHANGED.

"AS-BUILT"
NOTE: THE EXACT REALMUMENT OF THE ROCK DIKE SHALL BE AS CONSIDERED IN BY THE CONTRACT. THE ROCK SHALL BE TERMINATED AS CLOSE TO THE ORIGINAL ALIGNMENT AS POSSIBLE. THE 40' BERM REQUIREMENT IS DELETED FROM STA 452+00 TO STA 454+50. THE CONTRACTOR SHALL MAINTAIN AS MUCH BERM AS POSSIBLE. THE ROCK DIKE SHALL BE PLACED IN A MANNER THAT A 50' GAP IS FORMED FROM 10' TO TOE OF THE ROCK DYE SEGMENTS.
NOTE:
FLotation MATERIAL SHALL BE PLACEd IN THE MARSH CREATION AREA. (STA. 460+00 - 465+78 SOUTHERN SECtION)

LAKE BOUDREaux

NOTE:
1. THE SPoil PLAcing SHALL BE LAILED OUT ON THE -1.0 BASE MS CONTOUR. DEVIATION FROM THE -1.0 CONTOUR SHALL BE AS CONCERNED IN BY THE C.D.R.
2. SPoil PLACEMENT MAY CHANGE BASED ON FINAL STAKOUT OF ROCK DIKE AT TIME OF CONSTRUCTION. THIS WILL ALSO CHANGE STAKOUT OF CONTAIMENT BARRIERS.
3. THE PROJECT AREA IS A HISTORICAL FORESTED AREA. LOGS, STUMPS AND ROOTY MATERIAL MAY BE ENCOUNTERED IN ANY OF THE AREAS TO BE EXCAVATED.

PLAN - SOUTHERN SECTION
STATION 448+00 - 460+09

SCALE IN FT
500  100  150  200

FINISH TOP
OF ROCK DIBE
ELEV. = +3.5

LIMITS OF THE FLOATATION ACCESS CHANELL
TO THE RIGHT OF THE DIBE

1-11 1/8
5'-0"
211 1/8
3'-0"

LEGEND

© OF ROCK DIBE
Boring Hole Location
TIE OF DIBE
SETTLEMENT PLATE
FLOATATION ACCESS CHANELL

MODIFICATION #7 - ELIminate THIS SECTION

MATERIAL EXCAVATED TO CONSTRUCT THE FLOATATION ACCESS CHANELL
ON THE CENTRAL SEGMENT, FROM STA. 455+78 - STA. 460+09 SHALL BE PLACED ON THE LAKE SIDE AND PULLED BACK INTO THE FLOATATION ACCESS CHANELL
PRIOR TO FINAL INSPECTION AND ACCEPTANCE, SEE TYPICAL SECTION #4, SHEET 21 OF 65.

NOTE:
STATIONING ON THE ROCK DIBE HAS CHANGED.

PROFILE - SOUTHERN SECTION
STATION 448+00 - 460+09

DATUM ALL HORIZONTAL COORDINATES - NAD83
ALL VERTICAL COORDINATES - NAVD88

"AS BUILT"
MARSH SIDE

ADD REQUIRED

ELEV. 427 (NAVD 88)

AMENDMENT #2

TYPICAL SECTION - ROCK DIKE WITH PARALLEL EARTHEN CONTAINMENT DIKE (TYPICAL SECTION 1)

SEGMENT: ROCK DIKE WITH PARALLEL EARTHEN CONTAINMENT DIKE

STATIONING:

REACH

NORTHERN

122+01 - 153+69

MATERIAL EXCAVATED TO CREATE THE FLOTATION ACCESS CHANNEL SHALL BE USED TO CONSTRUCT THE EARTHEN CONTAINMENT DIKE. THE EARTHEN CONTAINMENT DIKE SHALL BE PLACED WITHIN THE MARSH CREATION AREA.

ELEV. -3.5

40' BERM (MINIMUM)

211 6/8

80' MAXIMUM DEPTH OF CUT

LAKE SIDE

NOTE:

THE ROCK DIKE FOR THE NORTHERN SEGMENT SHALL HAVE SIDE SLOPES OF 2:1 HORIZONTAL TO 1:1 VERTICAL.

TYPICAL SECTION 1 (NORTHERN SEGMENT)

(NOT TO SCALE)

MARSH SIDE

ADD REQUIRED

ELEV. 427 (NAVD 88)

AMENDMENT #2

TYPICAL SECTION - ROCK DIKE WITH PARALLEL EARTHEN CONTAINMENT DIKE (TYPICAL SECTION 2)

SEGMENT: ROCK DIKE WITH PARALLEL EARTHEN CONTAINMENT DIKE

STATIONING:

REACH

CENTRAL

301+00 - 320+00

SOUTHERN

401+12 - 433+60

MATERIAL EXCAVATED TO CREATE THE FLOTATION ACCESS CHANNEL SHALL BE USED TO CONSTRUCT THE EARTHEN CONTAINMENT DIKE. THE EARTHEN CONTAINMENT DIKE SHALL BE PLACED WITHIN THE MARSH CREATION AREA.

ELEV. -3.5

40' BERM (MINIMUM)

211 6/8

80' MAXIMUM DEPTH OF CUT

LAKE SIDE

NOTE:

THE ROCK DIKE FOR BOTH THE CENTRAL AND SOUTHERN SEGMENTS SHALL HAVE SIDE SLOPES OF 2:1 HORIZONTAL TO 1:1 VERTICAL.

TYPICAL SECTION 2 (CENTRAL & SOUTHERN SEGMENT)

(NOT TO SCALE)

MARSH SIDE

ADD REQUIRED

ELEV. 427 (NAVD 88)

AMENDMENT #2

DETAILED ROCK DIKE WITH PARALLEL EARTHEN CONTAINMENT DIKE

(NOT TO SCALE)

AS BUILT
NOTE:
The elevation of the top of the rock in the choke down section shall be no higher than existing water bottom.
Geotextile to extend 3' past edge of rock.

CHOCK DOWN SECTION A
(Scale as shown)

NOTE:
The elevation of the top of the rock in the choke down section shall be no higher than existing water bottom.
Geotextile to extend 3' past edge of rock.

CHOCK DOWN SECTION B
(Scale as shown)

"AS-BUILT"
NOTE:

THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS. THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.
PROFILE #4 (WEST TO EAST)
STATION 0+00 - 25+00

PROFILE #4 (WEST TO EAST)
STATION 25+00 - 38+45

PROFILE #5 (WEST TO EAST)
STATION 0+00 - 25+00

NOTE:

The elevations shown are from pre-hurricane surveys. The actual elevations may be different than those shown.
NOTE:

THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS.
THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.
NOTE:

THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS.
THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.
NOTE:

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THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.

"AS-BUILT"
NOTE:

THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS. THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.

"AS-BUILT"
AMENDMENT #2

TOP OF CONTAINMENT DIKE (SOUTHERN SEGMENT)

APPROXIMATE ELEVATION OF 4" DRAIN PIPELINE

MODIFICATION #2 - PROFILE
OF RELOCATED CONTAINMENT DIKE
SHALL BE AS-BUILT

"AS-BUILT"
MODIFICATION #2 - PROFILE
DF RELOCATED CONTAINMENT DIKE
SHALL BE AS-builtin
**PROFILE #15 (WEST TO EAST)**
STATION 0+00 - 16+59

**PROFILE #16 (WEST TO EAST)**
STATION 0+00 - 13+72

**NOTE:**
THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS.
THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.

**PROFILE #17 (WEST TO EAST)**
STATION 0+00 - 10+83

AS-BUILT
PROFILES #18 (WEST TO EAST)
STATION 0-00 - 12+01

NOTE:

THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS.
THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.
PROFILE #21 (WEST TO EAST)
STATION 0+00 - 18+29

NOTE:
THE ELEVATIONS SHOWN ARE FROM PRE-HURRICANE SURVEYS.
THE ACTUAL ELEVATIONS MAY BE DIFFERENT THAN THOSE SHOWN.

PROFILE #22 (WEST TO EAST)
STATION 0+00 - 13+98

PROFILE #23 (WEST TO EAST)
STATION 0+00 - 17+81

"AS-BUILT"

NOTE:
EARTHEN CONTAINMENT DIKE
(SOUTHERN SECTION)
TOP ELEVATION - AS REQUIRED
TOP WIDTH - AS REQUIRED
SIDE SLOPES - AS REQUIRED

BORROW CHANNEL
(SOUTHERN SECTION)
DEPTH OF CUTS 6.0' MAX.
BOTTOM WIDTH VARIABLE
SIDE SLOPES 1 HORIZONTAL / 1 VERTICAL

4" GULF SOUTH PIPELINE
ELEVATION OF 4" GULF SOUTH PIPELINE IS UNCERTAIN

MODIFICATION #2 - DELETE THIS SHEET

*AS BUILT*

PLAN - EARTHEN CONTAINMENT DIKE ONLY @ PIPELINE
(SCALE AS SHOWN)

SCALE IN FEET

NORTH
DREDGING SHALL BE PERFORMED IN THE DREDGING COMPARTMENT (C1-C11) AT A TIME UNTIL ALL BORROW MATERIAL TO ELEVATION -20 HAS BEEN EXCAVATED. DREDGING SHALL BEGIN IN COMPARTMENT C-1 AND PROCEED IN ASCENDING ORDER FOR THE REMAINING COMPARTMENTS.

METHODOLOGY:
- Maximum depth of cut shall be elevation -20.00
- With a 1.5' tolerance.

AMENDMENT #2

NOTE:
- See Sheet 65 for coordinates and depth of boring holes other than the borrow density shown on this sheet.

PLAN MAP - BORROW AREA
WEST LAKE BOUDREUX CONSTRUCTION UNIT NO. 1
ADJACENT PARISH: LOUISIANA

"AS-BUILT"
SETTLEMENT PLATE DETAILS
(NOT TO SCALE)

APPLIES TO SETTLEMENT PLATES 5-4, 5-8, 6-9, 11 & 11A

CREATION AREA SETTLEMENT PLATES

*AS-BUILT*

SETTLEMENT PLATE DETAILS WITHIN MARSH CREATION
(NOT TO SCALE)
**Permanent Warning Sign Details**

**Plan**
- 12" x 3" Aluminum Strip
- Same as sign stock
- 2G plate aluminum

**Elevation**
- 3" 3" x 3" Aluminum Strip
- Same as sign stock
- 2G plate aluminum

**Side**
- 3" Radial All Corners
- Conspicuity Tape
- 15' x 3' Timber Pile

**Note:**
1. All signs with exception of the signs located at the channel cross section and the pipeline crossing shall be temporary signs with the warning "Danger Obstruction. Proceed with Caution.
2. Temporary warning signs shall be placed as shown in plan. Minimum distance 300' apart.
3. Signs to be placed on both sides with the sign facing perpendicular to the pipeline as considered in by the contractor.
4. Sign shall be placed 10' HDD.

**Temporary Sign**
- 24" x 24" x 28" G-10 Aluminum flashing (attach using Alum. Nails)
- 12" Timber Pile

**Typical Timber Pile Cap**
- (Not to Scale)

"As-Built"
TYPICAL SECTION - OUTSIDE OF CHANNEL

TYPICAL SECTION - WITHIN CHANNEL
### LOG OF BORING NO. 10
WEST LAKE BOURBON (60-Ft)
TERREBONNE PARISH, LOUISIANA

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Depth</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very soft gray clay</td>
<td>7.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>2</td>
<td>Gray and dark gray silt</td>
<td>13.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>3</td>
<td>Gray and dark gray silt</td>
<td>19.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
</tbody>
</table>

### LOG OF BORING NO. 11
WEST LAKE BOURBON (60-Ft)
TERREBONNE PARISH, LOUISIANA

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Depth</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very soft gray clay</td>
<td>7.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>2</td>
<td>Gray and dark gray silt</td>
<td>13.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>3</td>
<td>Gray and dark gray silt</td>
<td>19.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
</tbody>
</table>

### LOG OF BORING NO. 12
WEST LAKE BOURBON (60-Ft)
TERREBONNE PARISH, LOUISIANA

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Depth</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very soft gray clay</td>
<td>7.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>2</td>
<td>Gray and dark gray silt</td>
<td>13.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>3</td>
<td>Gray and dark gray silt</td>
<td>19.5'</td>
<td>- with 5% gravel and 5% sand</td>
</tr>
<tr>
<td>BORING NO. 22</td>
<td>BORING NO. 23</td>
<td>BORING NO. 24</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>---------------</td>
<td>---------------</td>
<td></td>
</tr>
<tr>
<td>WEST LAKE BOUDEAUX (54-60)</td>
<td>WEST LAKE BOUDEAUX (54-60)</td>
<td>WEST LAKE BOUDEAUX (54-60)</td>
<td></td>
</tr>
<tr>
<td>TERRA NOVA PARISH, LOUISIANA</td>
<td>TERRA NOVA PARISH, LOUISIANA</td>
<td>TERRA NOVA PARISH, LOUISIANA</td>
<td></td>
</tr>
</tbody>
</table>

**LOG OF BORING NO. 22**

- **Soil Type**:
  - Very soft clayey silt (CSS)
  - Very soft clay (VCFG)
  - Gray silty clay (GSC)

**LOG OF BORING NO. 23**

- **Soil Type**:
  - Very soft clayey silt (CSS)
  - Very soft clay (VCFG)
  - Gray silty clay (GSC)

**LOG OF BORING NO. 24**

- **Soil Type**:
  - Very soft clayey silt (CSS)
  - Very soft clay (VCFG)
  - Gray silty clay (GSC)

---

**Soil Boring Logs: 22, 23 & 24**

**TE 409 - WEST LAKE BOUDEAUX CONSTRUCTION UNIT NCIA**

**TERRA NOVA PARISH, LOUISIANA**

*AS BUILT*
<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Depth (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Very soft black clay and silt</td>
<td>0-3</td>
</tr>
<tr>
<td>3</td>
<td>Very soft grey clay silt and sand, fine to medium sand</td>
<td>3-10</td>
</tr>
<tr>
<td>10</td>
<td>Very soft clay, silt and sand, fine to medium sand, fine to medium sand</td>
<td>10-15</td>
</tr>
<tr>
<td>15</td>
<td>Grey, very fine sand</td>
<td>15-20</td>
</tr>
<tr>
<td>24</td>
<td>Very fine sand, fine to medium sand</td>
<td>24-30</td>
</tr>
</tbody>
</table>

**NOTE A-1:**
- Medium sap 60° - 65°
- With some of weakly weather 65° - 70°

**NOTE A-2:**
- Soft bore 65°
- With some silt 50° - 65°

"AS BUILT"