STATE OF LOUISIANA
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

PLANS OF PROPOSED
TIMBALIER ISLAND DUNE/MARSH RESTORATION PROJECT

PROJECT NO. TE-40

TERREBONNE PARISH

VICINITY MAP
1"=10,000'

TYPE OF CONSTRUCTION
HYDRAULIC DREDGING
CONTAINMENT LINES/STRUCTURES
SHARING DUNE & MARSH PLATFORM
SAND FENCING
SUMMARY OF ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>QUANTITY</th>
<th>BASE BID QUANTITY</th>
<th>AS-BUILT QUANTITY</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>GROUND POUND</td>
<td>YD.</td>
<td>3,000</td>
<td>LUMP</td>
<td>LUMP</td>
</tr>
<tr>
<td>2</td>
<td>CEMENT SYNTHETIC</td>
<td>YD.</td>
<td>3,000</td>
<td>LUMP</td>
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<tr>
<td>3</td>
<td>CONTAMINATED DRAINAGE</td>
<td>FT.</td>
<td>0</td>
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<tr>
<td>4</td>
<td>DRAINAGE PIPE</td>
<td>FT.</td>
<td>22,750</td>
<td>22,750</td>
<td>22,750</td>
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<tr>
<td>5</td>
<td>APPLIES &amp; WASHING</td>
<td>STATION</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>6</td>
<td>SOIL SCREEN</td>
<td>FT.</td>
<td>4,800</td>
<td>1564.27</td>
<td>1564.27</td>
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<tr>
<td>7</td>
<td>MOUNTING PLATE</td>
<td>YD.</td>
<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>8</td>
<td>INFERNO CONSTRUCTION</td>
<td>YD.</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>SLEEPER BEN CHAMBER</td>
<td>YD.</td>
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<tr>
<td>10</td>
<td>ADDITIONAL SANDFILL</td>
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<tr>
<td>11</td>
<td>INDOREATION</td>
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<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>13</td>
<td>FOUNDATION</td>
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<tr>
<td>14</td>
<td>CONTAMINATED DRAINAGE</td>
<td>YD.</td>
<td>0</td>
<td>0</td>
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</tr>
</tbody>
</table>

* CONTRACTOR SHALL USE EXCAVATE MATERIAL FROM LITTLE PASS BORROW AREA
* APPROXIMATELY 22,000 C.Y. OF MATERIAL WILL BE EXCAVATED FOR ACCESS DRAINAGE.

GENERAL NOTES

1. The estimated borrow area is shown on sheet 10 of the drawings. The contractor shall use the little pass borrow area sheet and the borrow area sheet to the right for excavation of the borrow area. The borrow area sheet shall be a general plan of the borrow area. The contractor shall be responsible for the location of all features.
2. The contractor shall be responsible for the location of all features. The contractor shall be responsible for the location of all features.
3. The contractor shall be responsible for the location of all features. The contractor shall be responsible for the location of all features.
4. The contractor shall be responsible for the location of all features. The contractor shall be responsible for the location of all features.
5. The contractor shall be responsible for the location of all features. The contractor shall be responsible for the location of all features.
6. The contractor shall be responsible for the location of all features. The contractor shall be responsible for the location of all features.
### Suitable Sand Thickness and Magnetic Field Anomalies

#### Timbalier Island Dune / Marsh Restoration Project (TE-40)

**Engineering Contract No.:** 2511-02-05  
**Department of Natural Resources**  
**Coastal Restoration Division**

<table>
<thead>
<tr>
<th>POINT</th>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>219159.9</td>
<td>3579657.9</td>
</tr>
<tr>
<td>B</td>
<td>219913.5</td>
<td>357945.2</td>
</tr>
<tr>
<td>C</td>
<td>220396.4</td>
<td>3576529.8</td>
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<tr>
<td>D</td>
<td>220646.3</td>
<td>357746.1</td>
</tr>
<tr>
<td>E</td>
<td>220646.3</td>
<td>357864.1</td>
</tr>
<tr>
<td>F</td>
<td>218282.6</td>
<td>357864.1</td>
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<tr>
<td>G</td>
<td>218282.8</td>
<td>357796.0</td>
</tr>
<tr>
<td>H</td>
<td>218380.2</td>
<td>3576830.6</td>
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<tr>
<td>I</td>
<td>218549.7</td>
<td>3576326.5</td>
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</tbody>
</table>

**Legend:**
- Suitable Sand Thickness Contour
- Magnetic Field Contour

**Note:**
- Depth should be used with suitable sand thickness contour or T.F. from existing datum, which data is subject to change.

**Project Manager:**
- T. Baker Smith & Son, Inc.
- E-mail: info@tbsi.com

**Flattened Scale:**
- 1:2000

**Drawing No.:**
- AS-BUILT

**Scale:**
- 1/2" = 100'
NOTES:

VERTICAL DATUM - NAVD 88

01075-XS2.DWG

E2001-075

08/01/02

KSP

DFB

CROSS SECTIONS

TIMBALIER ISLAND DUNE / MARSH RESTORATION PROJECT (TE-40)

ENGINEERING CONTRACT NO. - 2511-02-05

DEPARTMENT OF NATURAL RESOURCES

COASTAL RESTORATION DIVISION

MAP NO.

P.O. BOX 2266  HOUMA, LOUISIANA 70361

(504) 868-1050     http://www.tbsmith.com

SURVEYING - ENGINEERING - ENVIRONMENTAL SERVICES

DATE:

PLOT SCALE:

APPROVED:

DRAWN BY:

FILE NAME:

TBS NO.:

OF

SEE SHEETS 25 & 26

V:

AS-BUILT

-1000 -900 -800 -700 -600 -500 -400 -300 -200 -100 0 100 200 300 400 500

STA. 135+00

STA. 130+00

STA. 125+00

STA. 120+00

Scale: Horz. - 1"=100'
Vert. - 1"=10'
NOTES:

VERTICAL DATUM - NAVD 88

FILE NAME: 01075-XS4.dwg

SEE SHEETS 28 & 29
NOTES:
VERTICAL DATUM - NAVD 88

FILE NAME: 01075-XS6.dwg
TBS NO.: E2001-075

CROSS SECTIONS
TIMBALIER ISLAND DUNE / MARSH RESTORATION PROJECT (TE-40)
ENGINEERING CONTRACT NO. - 2511-02-05
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION
P.O. BOX 2266  HOUMA, LOUISIANA 70361
(504) 868-1050     http://www.tbsmith.com
SURVEYING - ENGINEERING - ENVIRONMENTAL SERVICES

SEE SHEETS 30 & 31

AS-BUILT

Scale: Horz. - 1"=100'
Vert. - 1"=10'
NOTES:

VERTICAL DATUM - NAVD 88

FILE NAME: 01075-XS7.dwg

E2001-075

08/02/02

KSP

DFB

CROSS SECTIONS

TIMBALIER ISLAND DUNE / MARSH
RESTORATION PROJECT (TE-40)

ENGINEERING CONTRACT NO. - 2511-02-05

DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

V:

CAD

AS-BUILT

Dwg

01075-XS7.dwg

9

8

7

6

5

4

3

2

1

0

500

400

300

200

100

0

1000

2000

3000

4000

5000

STA. 235+00

STA. 254+00

STA. 228+00

STA. 220+00

Scale: Horz. = 1"=100'
Vert. = 1"=10'

18

23

DATE:

APPROVED:

DRAWN BY:

FILE NAME:

TBS NO.:

OF

SHEET NO.

AS-BUILT

T. BAKER SMITH & SON, INC.

CROSS SECTIONS

TIMBALIER ISLAND DUNE / MARSH
RESTORATION PROJECT (TE-40)

ENGINEERING CONTRACT NO. - 2511-02-05

DEPARTMENT OF NATURAL RESOURCES

COASTAL RESTORATION DIVISION

AS-BUILT

TBS SMITH & SON, INC.

P.O. BOX 2266  HOUMA, LOUISIANA 70361

(504) 868-1050     http://www.tbsmith.com

SURVEYING - ENGINEERING - ENVIRONMENTAL SERVICES
AS-BUILT

TYPICAL SAND FENCING LAYOUT

VERTICAL DATUM - NAVD 88

NOTES:
1) SURVEYING - ENGINEERING - ENVIRONMENTAL SERVICES
   (985) 868-1050     http://www.tbsmith.com
   P.O. BOX 2266  HOUMA, LOUISIANA 70361

TYPICAL SAND FENCING LAYOUT

NOTE:
6" SPACING BETWEEN SAND FENCING BLOCKING A STATION 10=+00
FROM THE WEST TO THE EAST

TIMBALIER ISLANDS

10'-1 SLOPED DOWN

400' DUNE @ +6.0'

8" "T" POSTS APPROX.
1-7/16" x 1-5/16" x 1/8" -

4" WOOD SLATS
3/4" x 1-1/8"

13 GAUGE STEEL GALVANIZED WIRE STRANDS

SAND FENCE DETAIL
SCALE: 1" = 2'

TENBAR ISLAND DUNE / MARSH
RESTORATION PROJECT (TE-40)
ENGINEERING CONTRACT NO. - 2511-02-05
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

DATE: 10/23/02
REVISIONS DRAWN BY: KSP
APPROVED: DFB

DATE REVISIONS DRAWN BY APPROVED BY
10/23/02 Final Revisions KSP DFB
11/03/03 Revised Sand Fencing Detail KSP DFB

FILE NAME:
V:\CAD\AS-BUILT DWG'S\2003_12_18 Finals(TBS)\Plans\Dwg\01075-Sand.dwg
Aerials flown on October 14, 2001, at an altitude of 18,000'.

1) HORIZONTAL DATUM - NAD 83
VERTICAL DATUM - NAVD 88

AS-BUILT

CONSTRUCTION ACCESS AND BUCKET DREDGE DETAILS
TIMBALIER ISLAND DUNE / MARSH RESTORATION PROJECT (TE-40)
ENGINEERING CONTRACT NO. - 2511-02-05
DEPARTMENT OF NATURAL RESOURCES
COASTAL RESTORATION DIVISION

FILE NAME:
TBS NO.:
PLOT SCALE:
SHEET NO.
OF
MAP NO.
DATE:
DRAWN BY:
APPROVED:
NOTES:
REVISIONS
DATE
REVISIONS
DRAWN BY
APPROVED BY
10/23/02 Final Revisions KSP DFB
03/09/04 Addendum No. 1 Revisions STG DFB

SURVEYING - ENGINEERING - ENVIRONMENTAL SERVICES
(985) 868-1050     http://www.tbsmith.com
P.O. BOX 2266  HOUMA, LOUISIANA 70361
SHAW COASTAL PRE-CONSTRUCTION SURVEY (8/10/04)
DESIGN ELEVATION
CONTRACTOR AS-BUILT SURVEY (12/03/04)

AS-BUILT