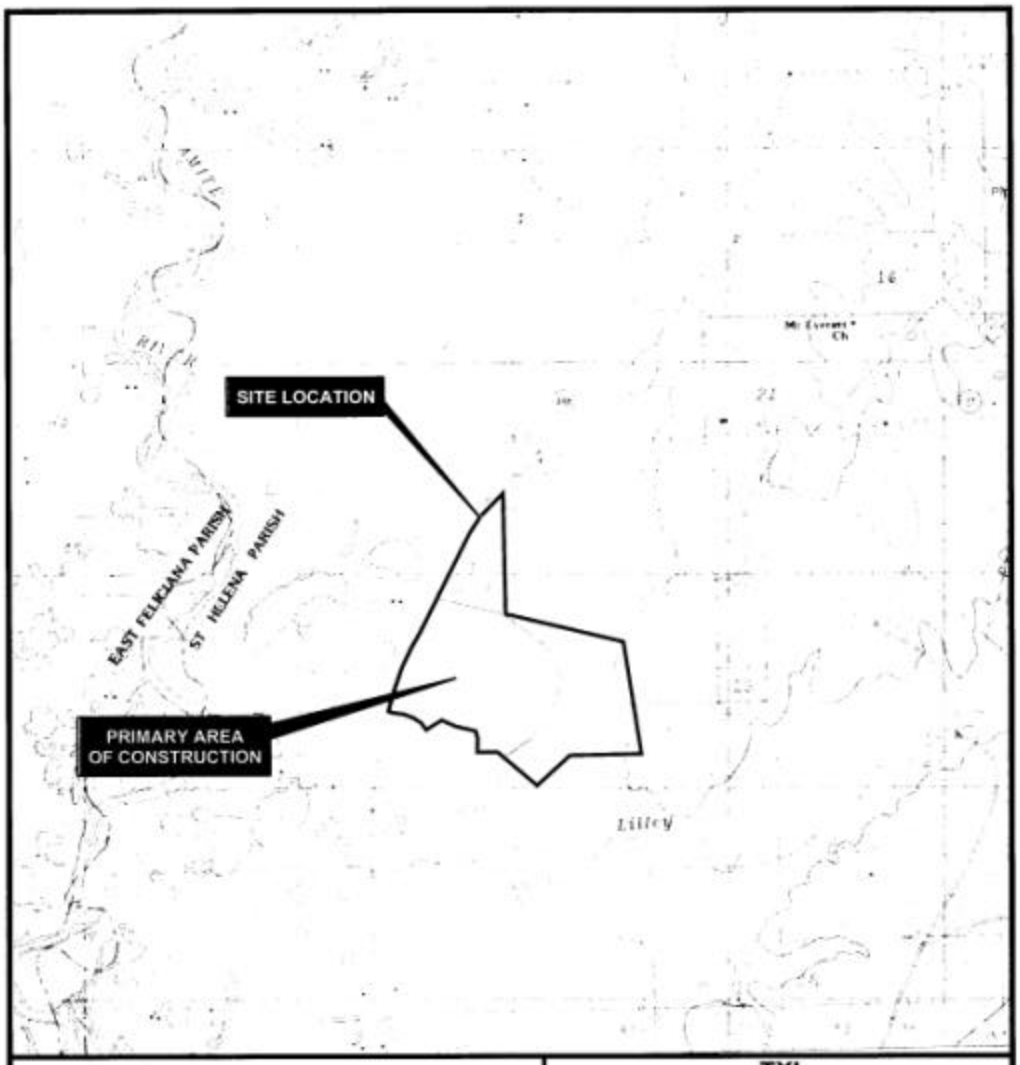
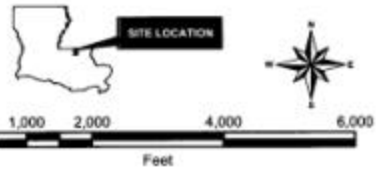



**Reference**

U.S.G.S. 7.5 MINUTE SERIES QUAD MAP, HATCHERSVILLE, LOUISIANA, 1984.

**TXI**

GREENWELL SPRINGS, LOUISIANA

TXI MINING OPERATIONS
HHD PLANT

## VICINITY MAP

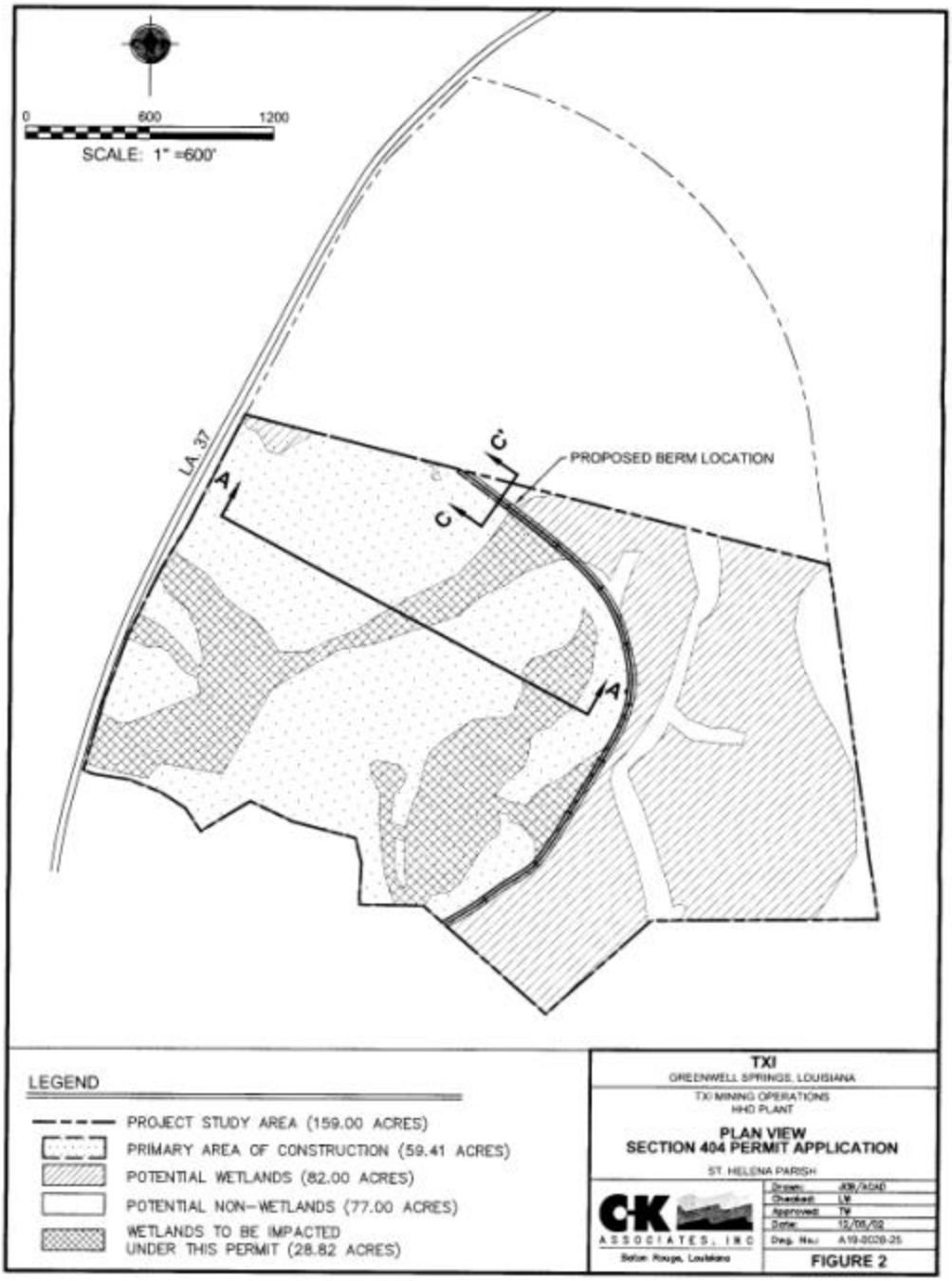
ST. HELENA PARISH

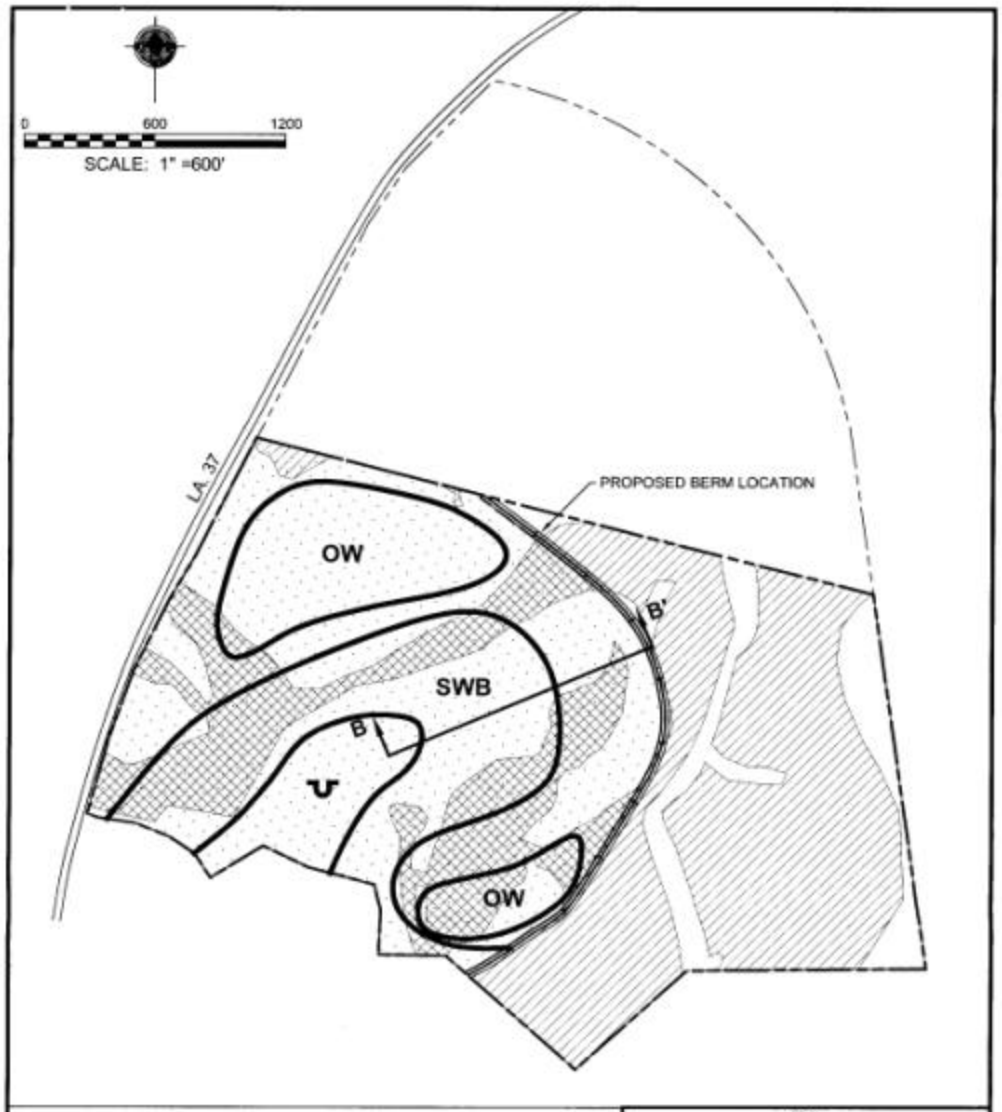
C-K ASSOCIATES, INC.
BATON ROUGE, LOUISIANA

| | |
|---|---|
| Drawn: | ABL/AV |
| Checked: | LW |
| Approved: | TW |
| Date: | 09/23/02 |
| Dwg. No.: | A19-0028-05 |

**FIGURE 1**

A19-0028-05 HHD VICINITY MAP.mxd


0
600
1200
SCALE: 1" =600'
LA 37
A
A'
C
C'
PROPOSED BERM LOCATION
LEGEND
PROJECT STUDY AREA (159.00 ACRES)
PRIMARY AREA OF CONSTRUCTION (59.41 ACRES)
POTENTIAL WETLANDS (82.00 ACRES)
POTENTIAL NON-WETLANDS (77.00 ACRES)
WETLANDS TO BE IMPACTED
UNDER THIS PERMIT (28.82 ACRES)
TXI
GREENWELL SPRINGS, LOUISIANA
TXI MINING OPERATIONS
HHO PLANT
PLAN VIEW
SECTION 404 PERMIT APPLICATION
ST. HELENA PARISH
C-K
ASSOCIATES, INC
Baton Rouge, Louisiana
Drawn: JOB/ACAD
Checked: LM
Approved: TW
Date: 12/05/02
Dwg. No.: A19-0028-25
FIGURE 2




LEGEND

| | |
|---|---|
| U | UPLAND |
| OW | OPEN WATER |
| SWB | SHALLOW WATER BOTTOM HABITAT |

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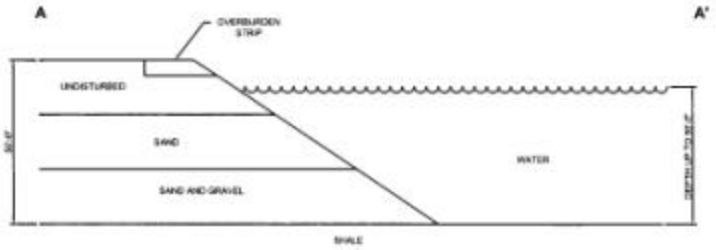
**POST PROJECT PLAN VIEW**
**SECTION 404 PERMIT APPLICATION**

ST. HELENA PARISH

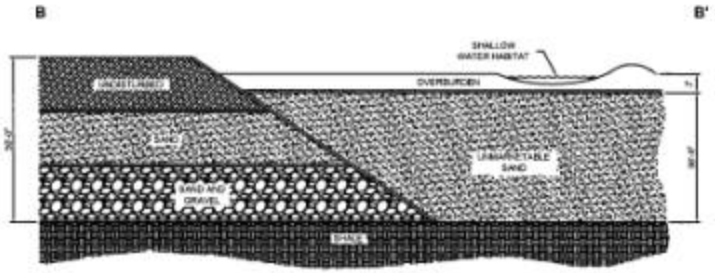
C-K ASSOCIATES, INC
Baton Rouge, Louisiana

| | |
|---|---|
| Drawn: | ABL/ACAD |
| Checked: | LW |
| Approved: | TW |
| Date: | 2/17/03 |
| Dwg. No.: | A19-0028-26 |

**FIGURE 4**




**CROSS SECTION A-A'**
LAND CLEARING AND DREDGING




**CROSS SECTION B-B'**
RECLAMATION

**CROSS SECTION C-C'**
BERM CROSS SECTION

NOTE: DRAWING NOT TO SCALE.

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**CROSS SECTIONS**

LIVINGSTON PARISH

C-K ASSOCIATES, INC
Baton Rouge, Louisiana

| | |
|---|---|
| Drawn: | KB/ACAD |
| Checked: | DC |
| Approved: | DC |
| Date: | 12/16/02 |
| Dwg. No.: | A19-0028-18 |

**FIGURE 3**