# LEMON BAY PRESERVE

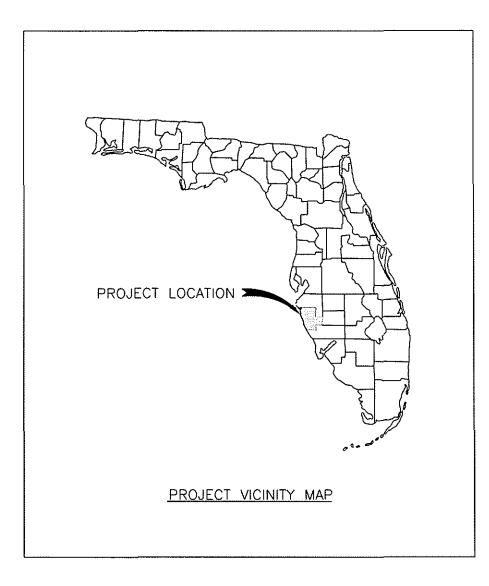
## Wetland Restoration Project (Weir Modification)

### INDEX TO DRAWING

DRAWING NO.

DRAWING DESCRIPTION

TITLE SHEET WEIR DETAIL SHEET SKIMMER DETAIL SHEET EROSION CONTROL SHEET



C.A.: JAMES LEY ESBC EXECUTIVE DIRECTOR: Robert Potten COUNTY COMMISSIONERS: NORA PATTERSON JOE BARBETTA SHANNON STAUB PAUL MERCIER JON THAXTON



SARASOTA COUNTY ENVIRONMENTAL SERVICES WATER RESOURCES 1001 SARASOTA CENTER BLVD., SARASOTA, FL 34240

PROJECT MANAGER: Mike Jones PHONE: 941-861-6251 PROJECT ENGINEER: James P. Lamancusa, P.E. PHONE: 941-861-0599

## PROJECT LOCATION

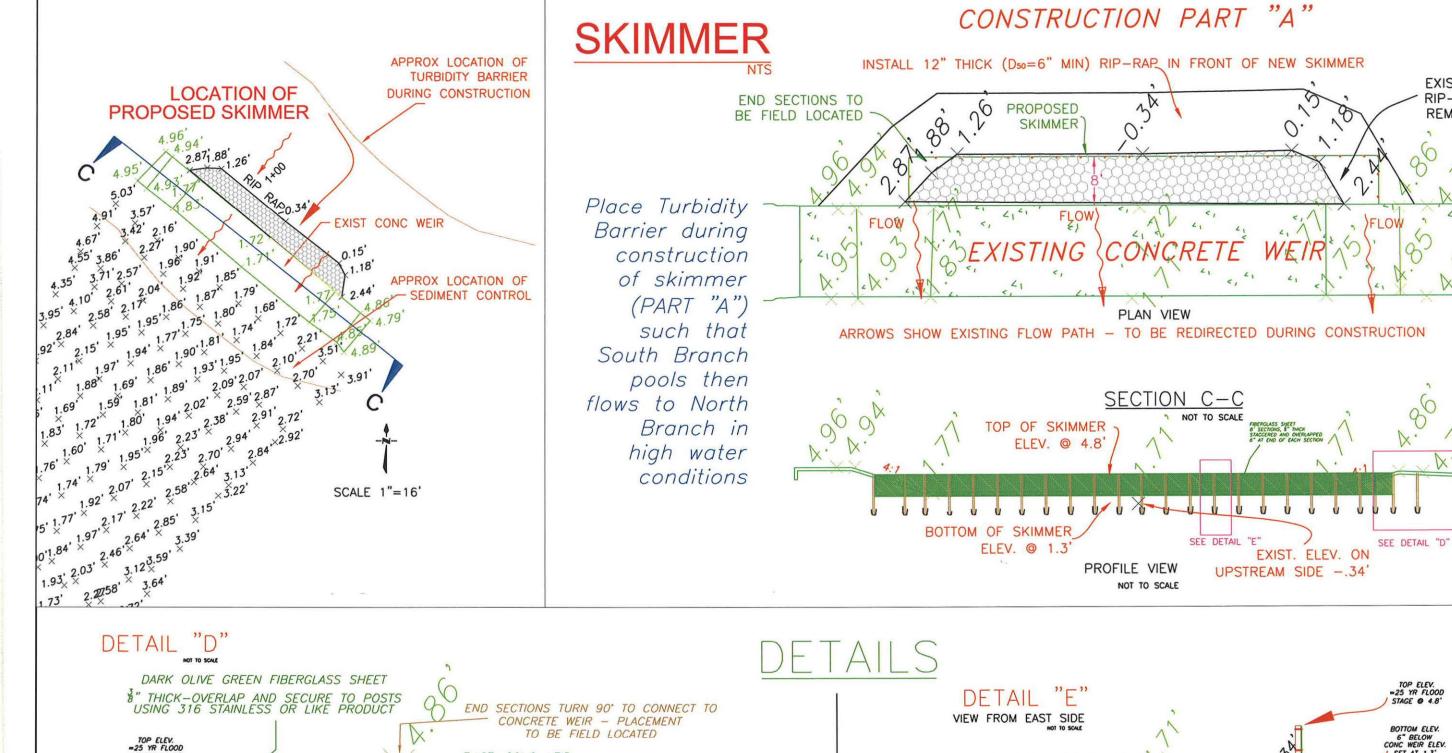


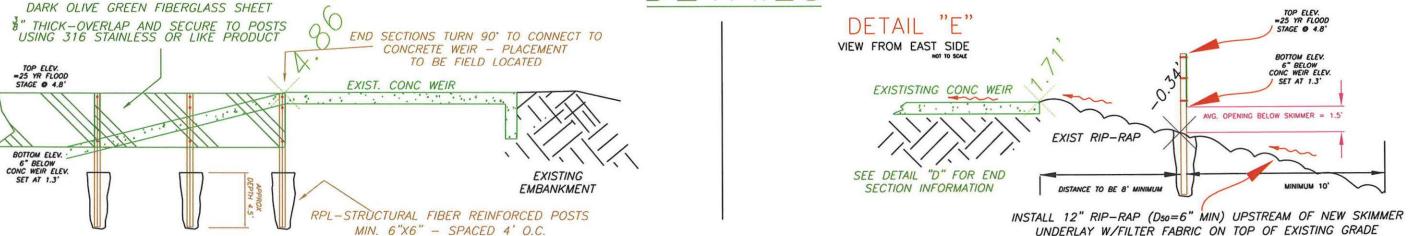
PROJECT LOCATION MAP SEC.4 TWP.40 RNG.19

SARASOTA COUNTY SARASOTA, FLORIDA

JAMES P. LAMANCUSA	DRAWING NO.	REV.
STATE OF FLORIDA P.E. # 57290	1 of 4	

DEC 2006







SARASOTA COUNTY
WATER CORE SERVICES / ENV. SERVICES

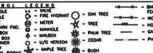
1001 SARASOTA CENTER BLVD. SARASOTA, FLORIDA 34240
JAMES LAMANCUSA, P.E. TEL: 941/861-0599 \* FAX: 941/861-0986

CONSTRUCTION PART "A"









LEMON BAY Wetland Restoration Weir Modification FIELD DATE: 4

Jomes P. Lomoncuso
Stote of Florido
CHECKED 87: J

CHECKED 87: J

DIVIS DATE: 12/4/06 SHEET NO.

FIELD DATE: 4-3-06 of DRAWN BY: 0.J.

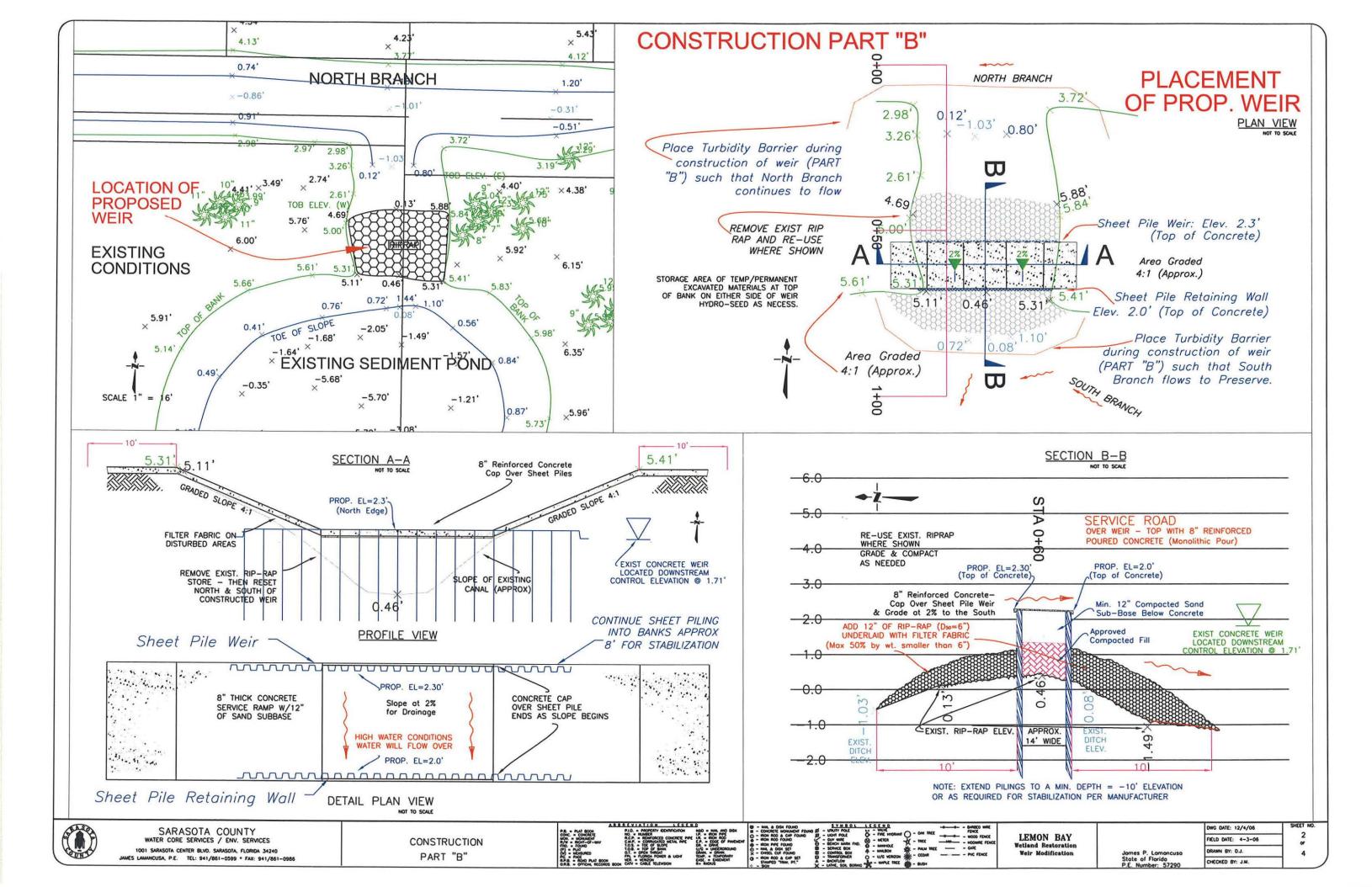
CHECKED BY: J.M.

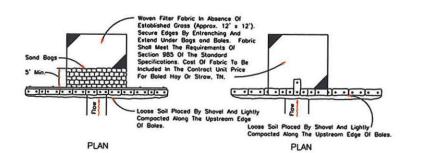
**EXISTING** 

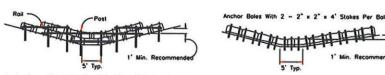
RIP-RAP

REMAINS

XZI







**ELEVATION** 

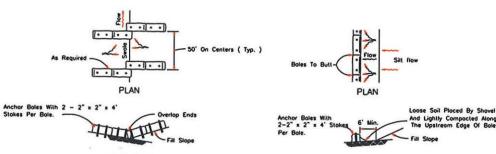
**ELEVATION** 

TYPE II

TYPE !

and Spacing: The use of Types I & II bale barriers should be limited to the outlined in Chart I, Sheet 1 of 3, Index No. 102

BARRIER FOR UNPAVED DITCHES



**ELEVATION** TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

**ELEVATION** TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

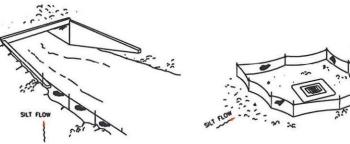
POST OPTIONS: WOOD 2 MIN. 6
WOOD 2" X 4"

**ELEVATION** 

TYPE III SILT FENCE

FILTER FABRIC (IN CONFORMANCE WITH SEC. 985 FDOT SPEC.)

### BARRIERS FOR FILL SLOPES

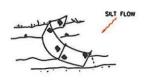


TYPE III SILT FENCE

TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.

NOTE:

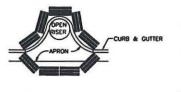
DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

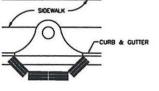


TYPE III SILT FENCE

SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART I, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3.

SILT FENCE APPLICATIONS NOT TO SCALE FDOT INDEX 102







PARTIAL INLET

- FILTER FABRIC

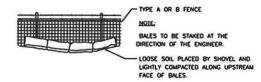
SILT FLOW

SECTION

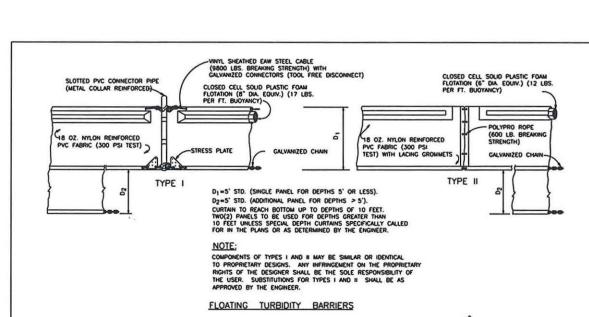
COMPLETED INLET

DITCH BOTTOM INLET

ANCHOR BALES WITH 2 - 2" X 2" X 4" STAKES PER BALE.



BALES BACKED BY FENCE



POST (OPTIONS: 2" X 4" OR 2-1/2" MIN. DIA. WOOD; STEEL 18 OZ. NYLON REINFORCED PVC FABRIC (300 PSI TEST)

#### NOTES:

- FLOATING TURBIDITY BARRIERS ARE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR FLOATING TURBIDITY BARRIER, LF.

STAKED TURBIDITY BARRIER

NOTE:

NOTE:
TURBIDITY BARRIERS FOR FLOWING STREAMS AND TIDAL CREEKS MAY BE EITHER FLOATING, OR STAKED TYPES OR ANY COMBINATIONS OF TYPES THAT WILL SUIT SITE CONDITIONS AND MEET EROSION CONTROL AND WATER QUALITY REQUIREMENTS. THE BARRIER TYPE(S) WILL BE AT THE CONTRACTORS OPPION UNLESS OTHERWISS PECCIFIED IN THE PLANS, HOWEVER PAYMENT WILL BE UNDER THE PAY ITEM(S) ESTABLISHED IN THE PLANS FOR FLOATING TURBIDITY BARRIER AND/OR STAKED TURBIDITY BARRIER. POSTS IN STAKED TURBIDITY BARRIER. POSTS IN STAKED TURBIDITY BARRIER. POSTS IN STAKED TURBIDITY BARRIERS TO BE INSTALLED IN VERTICAL POSITION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

TURBIDITY BARRIER APPLICATIONS

FLOATING TURBIDITY BARRIERS NOT TO SCALE FDOT INDEX 103

DRAWING NO.

DETAIL

CONTROL LEMON E EROSION

REV.