

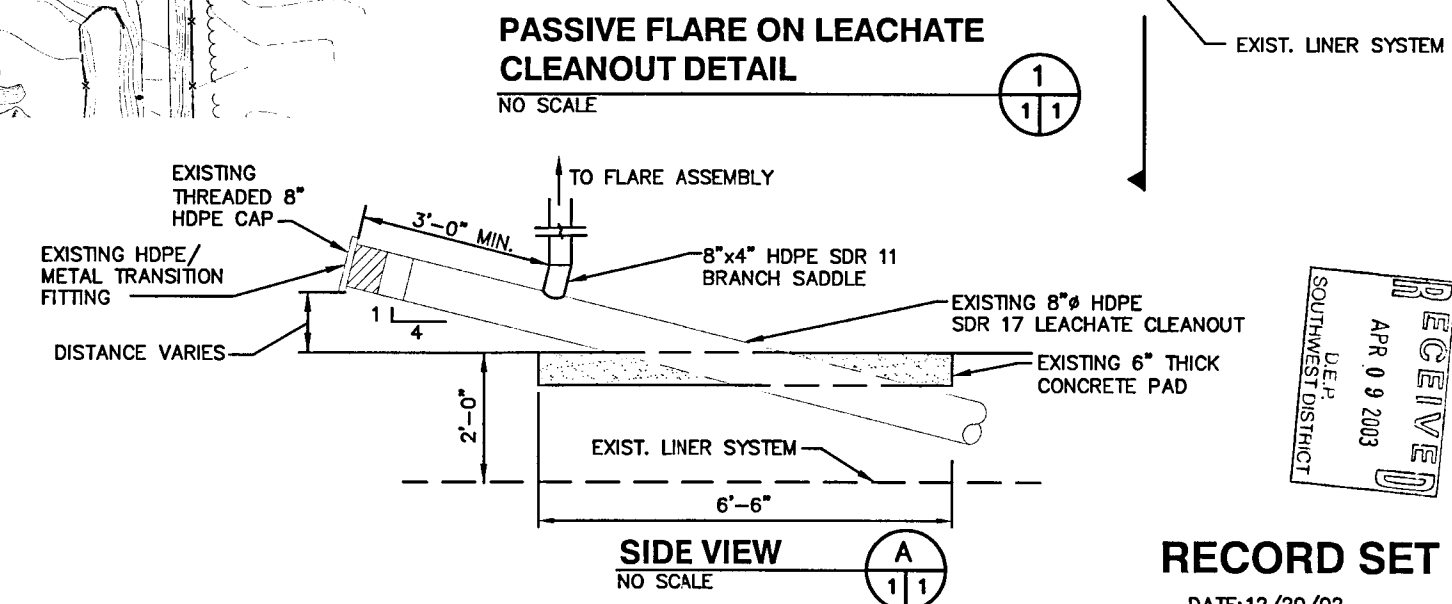
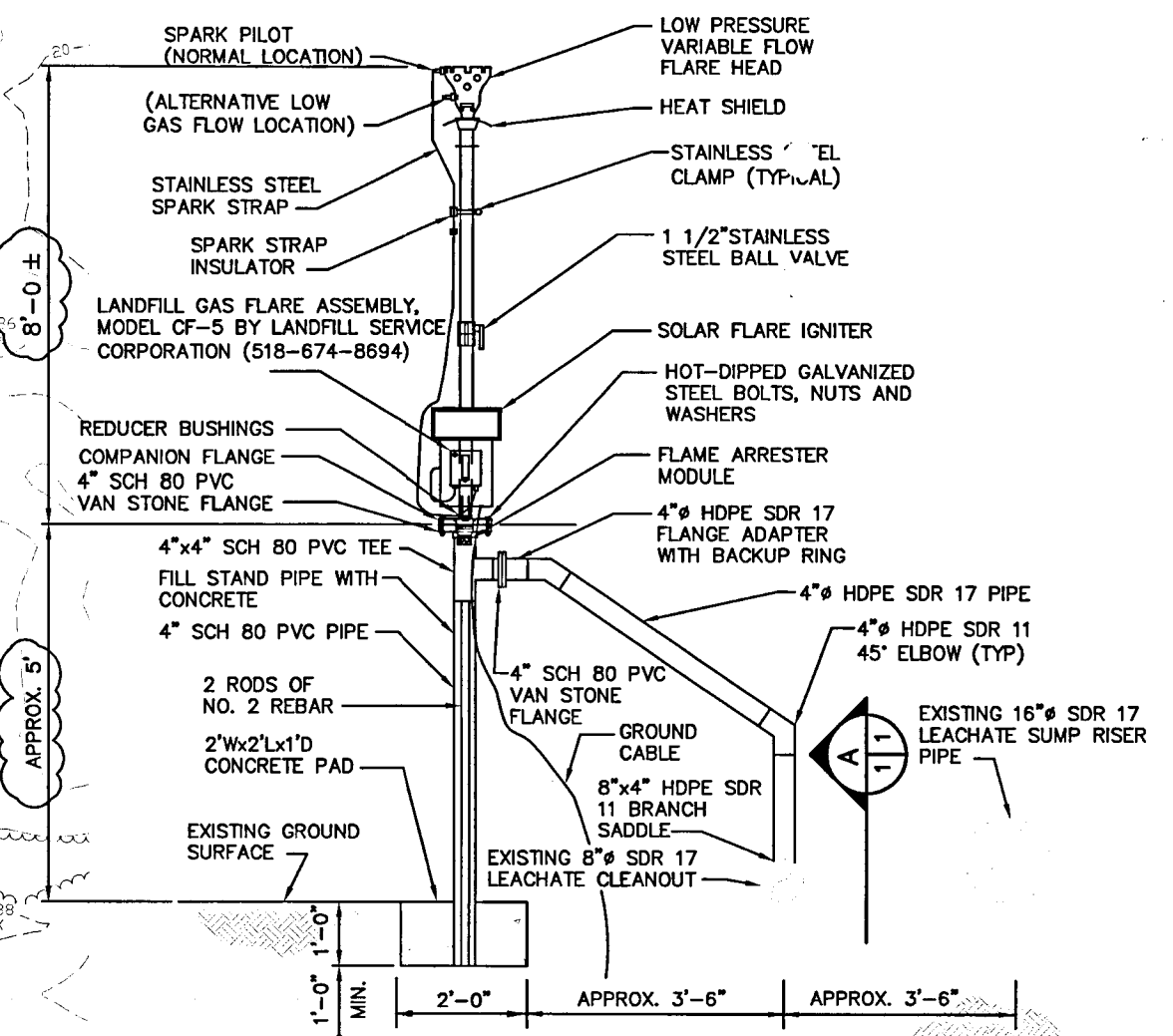


NOTES:

1. THE TOPOGRAPHY SHOWN ON THIS MAP WAS COMPILED BY LANDAIR SURVEYING, INC. (770-631-0903) USING PHOTOGRAMMETRIC METHODS. PHOTOGRAPHS TAKEN DEC. 19, 2001. CONTOURS PORTRAYED AS DASHED OR BROKEN LINES REPRESENT AREAS OF DENSE VEGETATION. THIS MAP HAS NOT BEEN FIELD VERIFIED, AND SHOULD BE CONSIDERED APPROXIMATE.

2. THREE GUY WIRES ATTACHED TO EACH FLARE, AND SECURED TO NEW CONCRETE CYLINDERS INSTALLED IN SURROUNDING SOIL.

- LEGEND
- 5' CONTOUR ELEVATION, FEET (MSL)
 - 1' CONTOUR
 - FENCE
 - DIRT/UNIMPROVED ROAD
 - TREE LINE
 - DITCH (WATER) LINE
 - POWER POLE
 - SPOT ELEVATION, FEET (MSL)
 - EXISTING LEACHATE PUMP CONTROL PANEL
 - EXISTING LEACHATE PUMP STATION
 - EXISTING LEACHATE CLEANOUT
 - PROPOSED PASSIVE FLARE



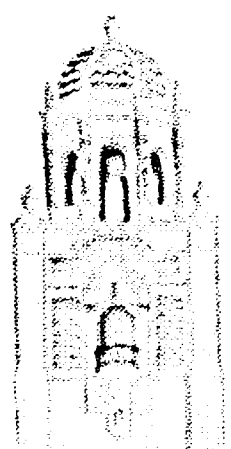
RECORD SET
DATE: 12/20/02

DRAWING TITLE		BY		DATE		REV	
SITE PLAN AND DETAILS		DHP		12/20/02			

PROJECT TITLE		DESCRIPTION		DATE		REV	
PASSIVE LANDFILL GAS CONTROLS LEACHATE SYSTEM CLEANOUTS CCSWDC							

CLIENT		SARASOTA COUNTY ENVIRONMENTAL SERVICES SOLID WASTE OPERATIONS	

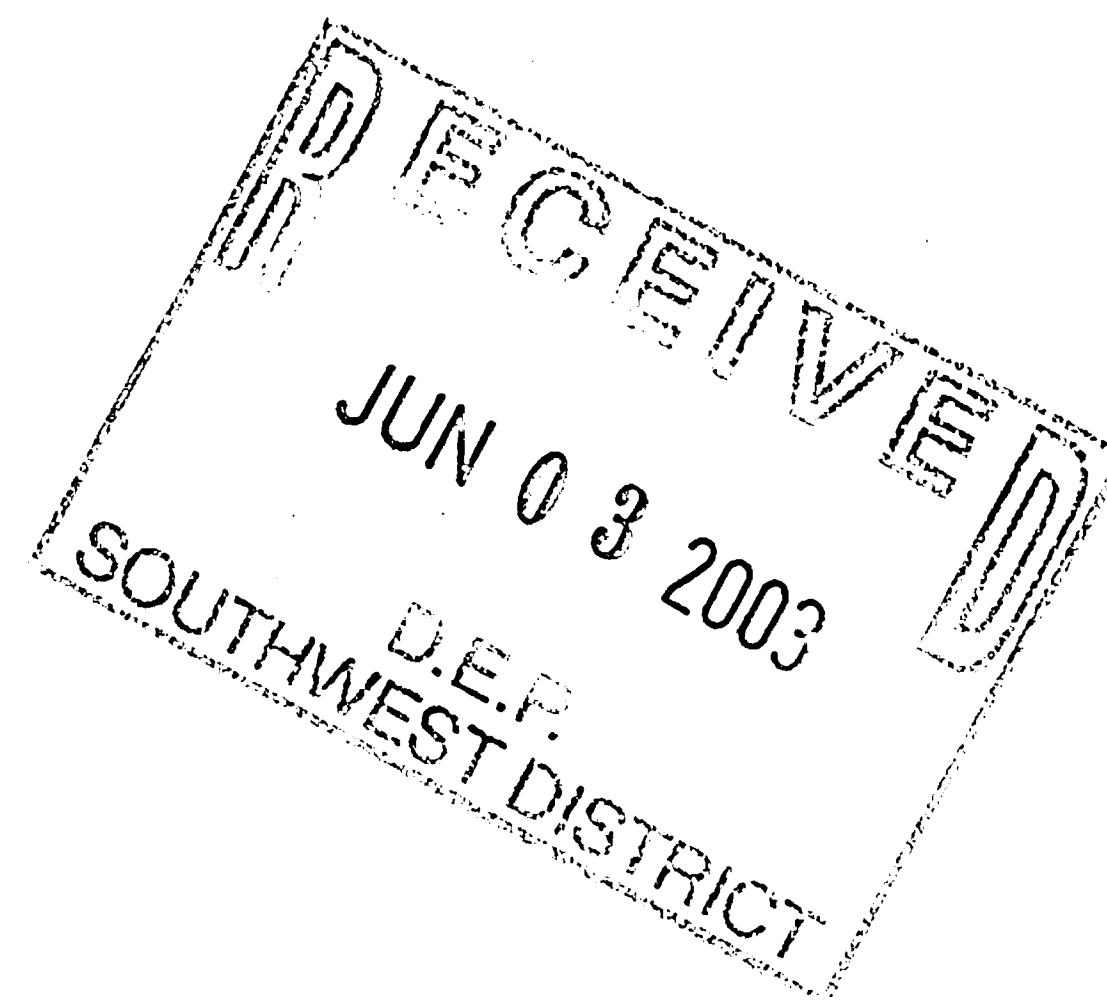
SCS ENGINEERS		STEARN, CONRAD AND SCHMIDT CONSULTING ENGINEERS 2012 U.S. HWY. 30 NORTH, SUITE 700 TAMPA, FL 33619 PH: (813) 621-0080 FAX NO. (813) 623-6757	
PROJ. NO. 0201010.09		DATE: 12/20/02	
DRAWN BY: JAB		CHECKED BY: DHP	
SCALE: 1"=100'		DATE: 12/20/02	



SARASOTA COUNTY

"Dedicated to Quality Service"

May 30, 2003



Kim B. Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Frank Coggins, Manager, Solid Waste Operations
Central County Solid Waste Disposal Complex, Sarasota County
Permit No.: SO58-299180

Dear Mr. Ford:

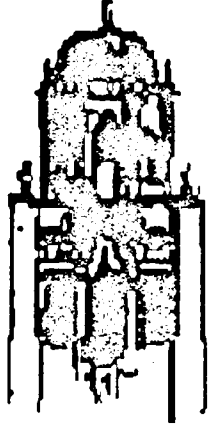
I am pleased to announce the appointment of Mr. Frank Coggins, Landfill Manager for Sarasota County. Frank has over 12 years of experience in landfill management. He comes to us from the City of Greensboro, North Carolina where he was Landfill Manager. He is a Solid Waste Association of North America (SWANA) certified Manager of Landfill Operations.

If you have any questions, please contact me directly at (941) 861-6712.

Sincerely,

Gerald L. Bennett
General Manager, Solid Waste

cc: Susan Pelz, P.E., FDEP - Tampa

**SARASOTA COUNTY***"Dedicated to Quality Service"*

June 2, 2003

Kim Ford, P.E.
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Re: Central County Solid Waste Disposal Complex
Permit No.: SO58-299180
Capacity Report

Dear Mr. Ford:

As we discussed, the landfill is provided with an aerial topography report in June and December of each year. The enclosed map was based at December 15, 2002 and reported a net volume of 2,108,782 cubic yards of fill material. The designed capacity of the respective 60 acres of landfill is 6,000,000 cubic yards. The landfill was operational June 15, 1998.

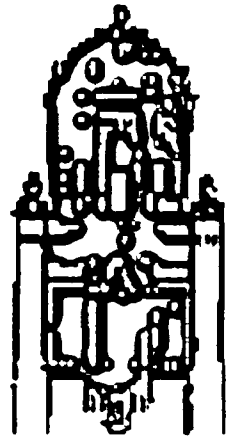
If you have any questions, please contact me directly at (941) 861-1578.

Sincerely,

Paul A. Wingler, P.E.
Project Manager

Enclosure

cc: Susan Pelz, P.E., FDEP - Tampa

**SARASOTA COUNTY***"Dedicated to Quality Service"***FACSIMILE**

To:

Kim Ford

Affiliation:

FDEP

Facsimile number:

813 744-6125

From:

Paul A. Winkler, PE

Number of pages including this cover page:

*2**If all pages are not received, call the phone number at the bottom of this page.*

Subject:

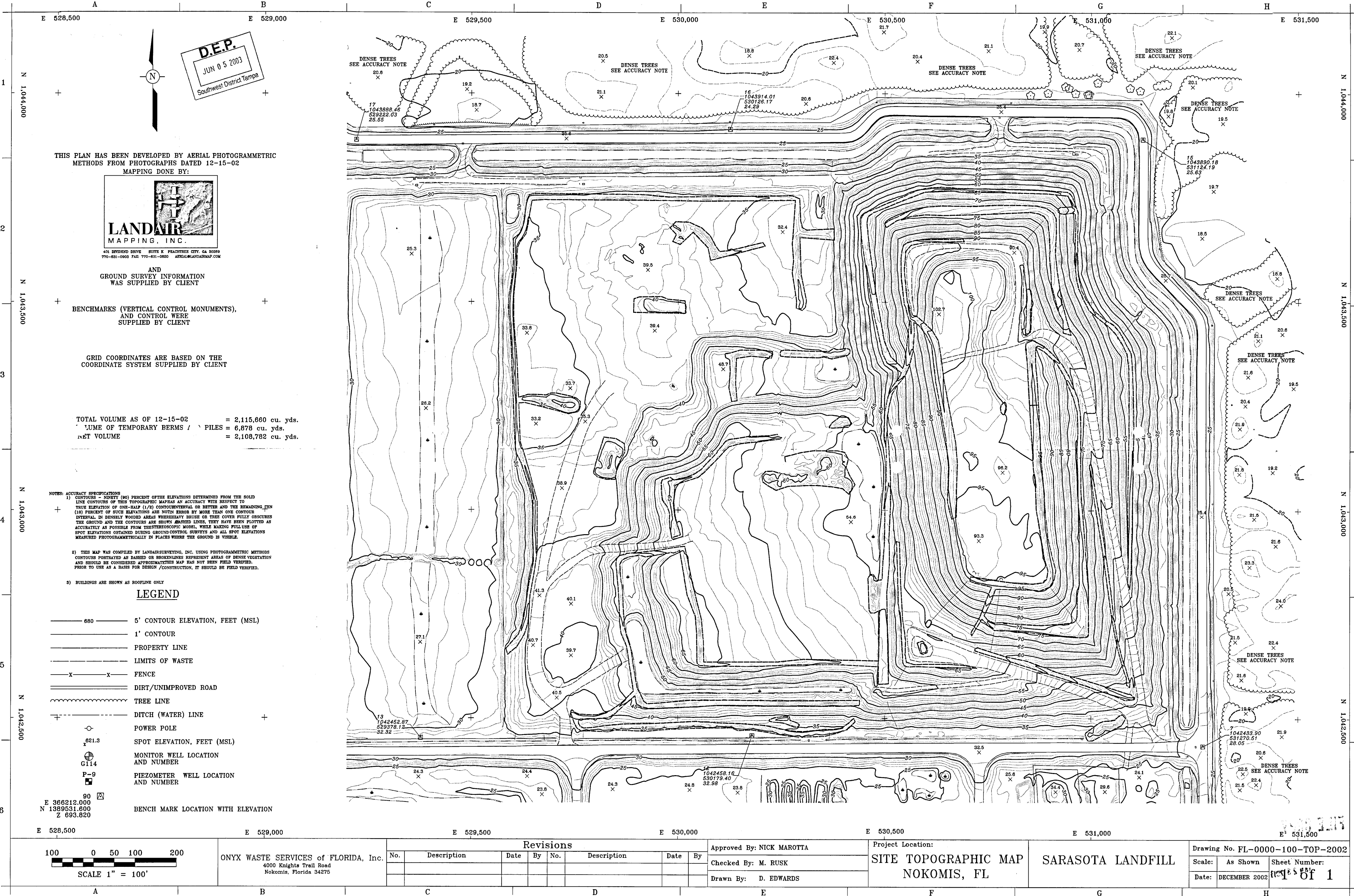
CCSWDC - Capacity Report

Date:

6/3/03

Comments:

Hard Copy will be mailed.



D.E.P.
JUN 05 2003
Southwest District Tampa

THIS PLAN HAS BEEN DEVELOPED BY AERIAL PHOTOGRAMMETRIC
METHODS FROM PHOTOGRAPHS DATED 12-15-02
MAPPING DONE BY:



AND
GROUND SURVEY INFORMATION
WAS SUPPLIED BY CLIENT

BENCHMARKS (VERTICAL CONTROL MONUMENTS),
AND CONTROL WERE
SUPPLIED BY CLIENT

GRID COORDINATES ARE BASED ON THE
COORDINATE SYSTEM SUPPLIED BY CLIENT

TOTAL VOLUME AS OF 12-15-02 = 2,115,660 cu. yds.
VOLUME OF TEMPORARY BERMS / PILES = 6,878 cu. yds.
NET VOLUME = 2,108,782 cu. yds.

NOTES: ACCURACY SPECIFICATIONS
1) CONTOURS - INDICATE (90) PERCENT OF THE ELEVATIONS DETERMINED FROM THE SOLID
LINE CONTOURS OF THIS TOPOGRAPHIC MAP. AN ACCURACY WITH RESPECT TO
TRUE ELEVATION OF ONE-HALF (1/2) CONTOUR INTERVAL OR BETTER AND THE REMAINING TEN
(10) PERCENT OF SPOT ELEVATIONS ARE NOTED BY MORE THAN ONE CONTOUR
INTERVAL. IN DENSELY WOODED AREAS WHERE HEAVY BRUSH OR TREE COVER FULLY OBSCURES
THE GROUND AND THE CONTOURS ARE SHOWN DASHED LINES, THEY HAVE BEEN PLOTTED AS
ACCURATELY AS POSSIBLE FROM THE STEREOSCOPIC MODEL, WHILE MAKING FULL USE OF
SPOT ELEVATIONS OBTAINED DURING GROUND CONTROL SURVEYS AND ALL SPOT ELEVATIONS
MEASURED PHOTOGRAMMETRICALLY IN PLACES WHERE THE GROUND IS VISIBLE.

2) THIS MAP WAS COMPILED BY LANDAIR SURVEYING, INC. USING PHOTOGRAMMETRIC METHODS.
CONTOURS PORTRAYED AS DASHED OR BROKEN LINES REPRESENT AREAS OF DENSE VEGETATION
AND SHOULD BE CONSIDERED APPROXIMATE. THIS MAP HAS NOT BEEN FIELD VERIFIED.
PRIOR TO USE AS A BASIS FOR DESIGN / CONSTRUCTION, IT SHOULD BE FIELD VERIFIED.

3) BUILDINGS ARE SHOWN AS ROOFLINE ONLY

LEGEND

- 680 5' CONTOUR ELEVATION, FEET (MSL)
- 1' CONTOUR
- PROPERTY LINE
- LIMITS OF WASTE
- FENCE
- DIRT/UNIMPROVED ROAD
- TREE LINE
- DITCH (WATER) LINE
- POWER POLE
- SPOT ELEVATION, FEET (MSL)
- MONITOR WELL LOCATION AND NUMBER
- PIEZOMETER WELL LOCATION AND NUMBER
- BENCH MARK LOCATION WITH ELEVATION

100 0 50 100 200
SCALE 1" = 100'

ONYS WASTE SERVICES of FLORIDA, Inc.
4000 Knights Trail Road
Nokomis, Florida 34275

Revisions							
No.	Description	Date	By	No.	Description	Date	By

Approved By: NICK MAROTTA
Checked By: M. RUSK
Drawn By: D. EDWARDS

Project Location:
SITE TOPOGRAPHIC MAP
NOKOMIS, FL

SARASOTA LANDFILL

Drawing No. FL-0000-100-TOP-2002
Scale: As Shown Sheet Number:
Date: DECEMBER 2002 1 of 1

JULY 2003

Site Volume Table: august-cell-3			
Out	Fill	Net	Method
cu.yds	cu.yds	cu.yds	
Site: 8-CELL3			
Stratum: 8-cell-3			
cell-3-8-03-ex	cell-3-8-03-ab		
226	31049	30823 (F) Grid	
239	31128	30889 (F) Composite	
239	31178	30940 (F) End area	
238	31175	30937 (F) Prismoid	

Site Volume Table: august-cell-4			
Out	Fill	Net	Method
cu.yds	cu.yds	cu.yds	
Site: 8-CELL4			
Stratum: 8-cell-4			
cell-4-8-03-ex	cell-4-8-03-ab		
37	7057	7021 (F) Grid	
49	7080	7031 (F) Composite	
49	7079	7030 (F) End area	
49	7077	7029 (F) Prismoid	

SPECIFIC PURPOSE:

DESCRIPTION:

CLASS 1 LANDFILL, CENTRAL COUNTY SOLID WASTE DISPOSAL COMPLEX, LYING IN SECTIONS 2, 3, 10 & 11, TOWNSHIP 38 SOUTH, RANGE 19 EAST, SARASOTA COUNTY, FLORIDA.

SURVEYORS NOTATIONS:

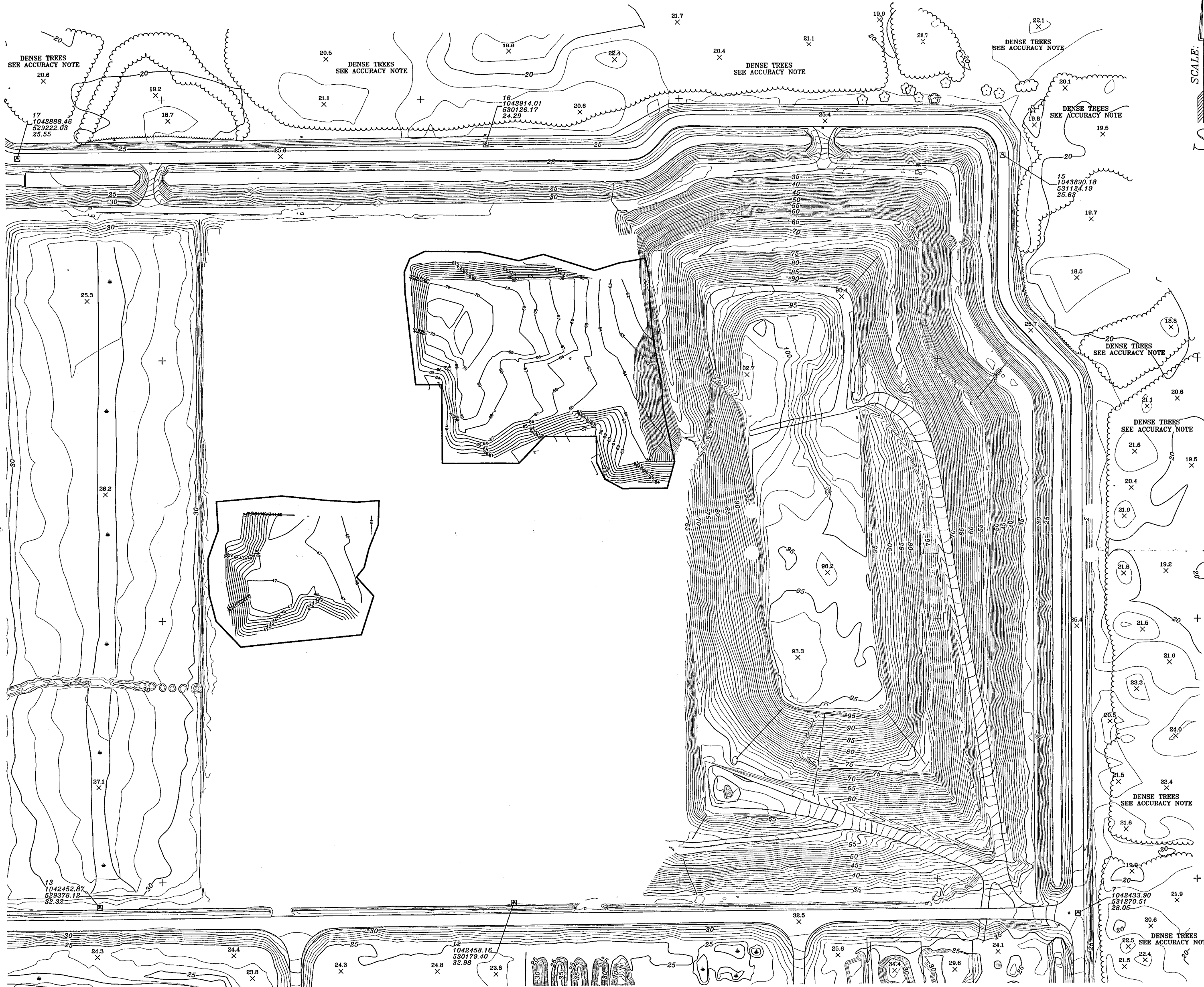
- ELEVATIONS ARE BASED ON N.G.V.D. 1929.
- BASE BENCH MARK: 4" X 4" CONCRETE MONUMENT STAMPED S.E. 12, AT THE N/E CORNER OF THE LANDFILL SITE, BEING EL= 21.11'.
- CONTOURS AND QUANTITIES SHOWN HEREON WERE OBTAINED BY USING A CONTOURING AND SURFACE MODELING PROGRAM WHICH GENERATES OPTIMIZED TRIANGULATED IRREGULAR NETWORKS.
- QUANTITIES SHOWN HEREON ARE ACCURATE TO PLUS OR MINUS 5%.
- THE PURPOSE OF THIS SURVEY IS TO CALCULATE FILL VOLUMES, OF REFUSE ON A MONTH TO MONTH BASIS, TO DETERMINE THE AMOUNT OF REFUSE DEPOSITED IN A ONE MONTH PERIOD.
- CONTOURS ARE SHOWN IN ONE (1) FOOT INTERVALS.

LEGEND

- 680 5' CONTOUR ELEVATION, FEET (MSL)
- 1' CONTOUR
- PROPERTY LINE
- LIMITS OF WASTE
- FENCE
- DIRT/UNIMPROVED ROAD
- TREE LINE
- DITCH (WATER) LINE
- POWER POLE
- SPOT ELEVATION, FEET (MSL)
- MONITOR WELL LOCATION AND NUMBER
- PIEZOMETER WELL LOCATION AND NUMBER
- BENCH MARK LOCATION WITH ELEVATION

SURVEYOR'S CERTIFICATE:

THIS SURVEY WAS PREPARED UNDER MY DIRECTION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS SURVEY WAS ALSO PREPARED TO COMPLY WITH MINIMUM TECHNICAL STANDARDS EFFECTIVE THE DATE OF THIS SURVEY AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO CHAPTER 472.027, FLORIDA STATUTES. SUBJECT TO ALL NOTES AND NOTATIONS SHOWN HEREON.



GLOBAL SURVEYING, P.A. CERTIFICATE OF AUTHORIZATION LB 0006432 VENICE 366 COMMERCIAL COURT, SUITE C VENICE, FLORIDA 33596 (941) 455-1100 (941) 455-9747 FAX		Checked By: JBM Date: 03/15/03
Design By: JBM CAD File: LANDFILL	Drawn By: JBM Plot Index: V020042	Proj. No.: V020042 Scale: 1"=100'
DATE	REVISION	NO.
This document, together with the concepts and designs presented herein, is an instrument of service. It is to be used for the purpose and client for which it was prepared, and its use for any other purpose without the written authorization and approval of Global Surveying, P.A., shall be without liability to Global Surveying, P.A.		
Not valid without the signature and the official seal of a Florida Licensed Surveyor and Mapper.		
JEFFERY B. MORROW P.S.M. FLA. CERT. NO. #6295 DATE: 03/05/03		
FOR:	TITLE: ONYX SPECIFIC PURPOSE SURVEY	DESC: SECTION 2,3,10 & 11 TOWNSHIP 38 SOUTH, RANGE 19 EAST
1		

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AUG 28 2003
SOUTHWEST DISTRICT
TAMPA