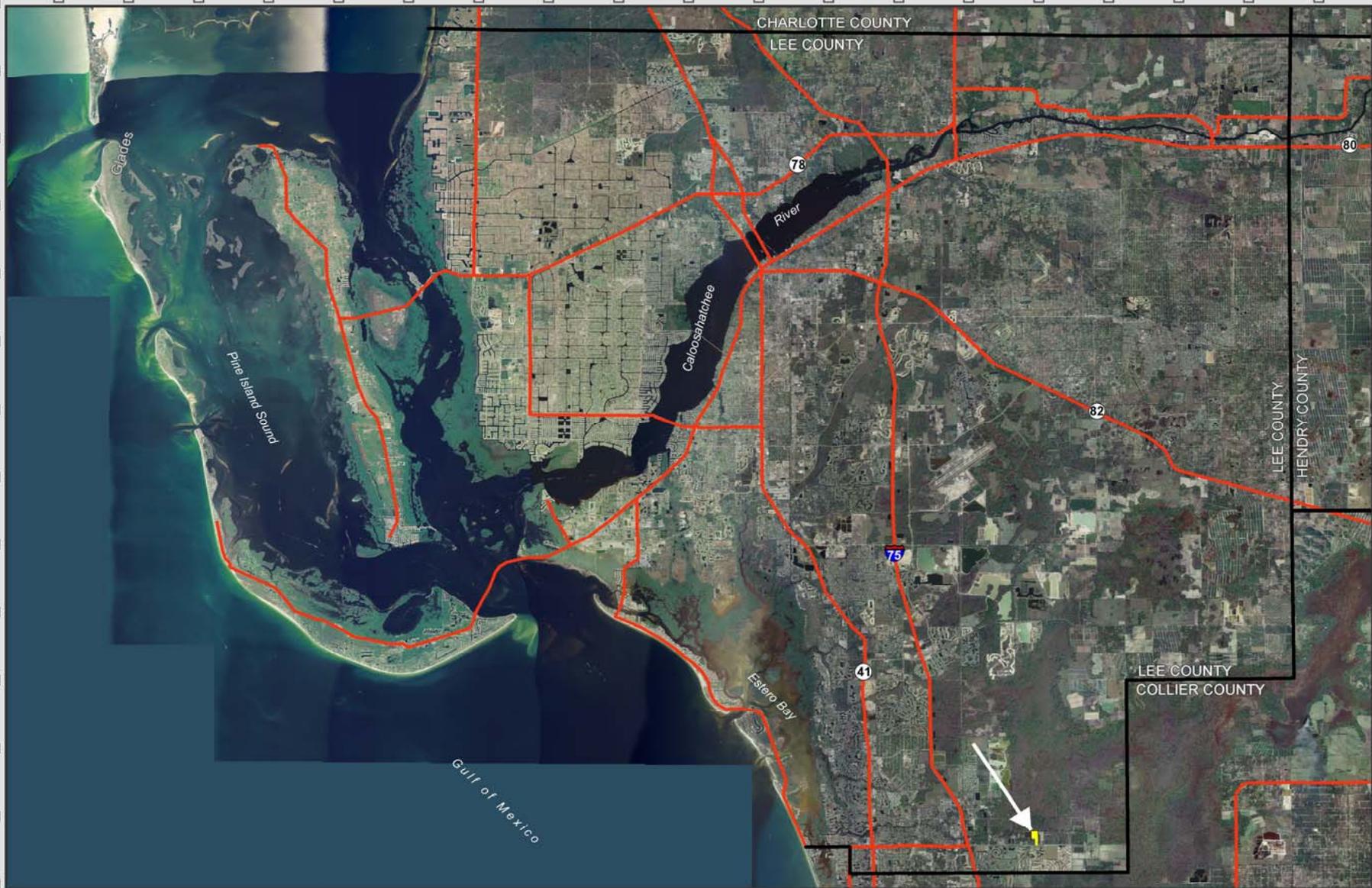




Plumosa Pit March 13, 2008

Robert M. Brown, Director

Environmental Resource Regulation Department



 APPLICATION: 070220-9

 COUNTY LINES

 ROADS

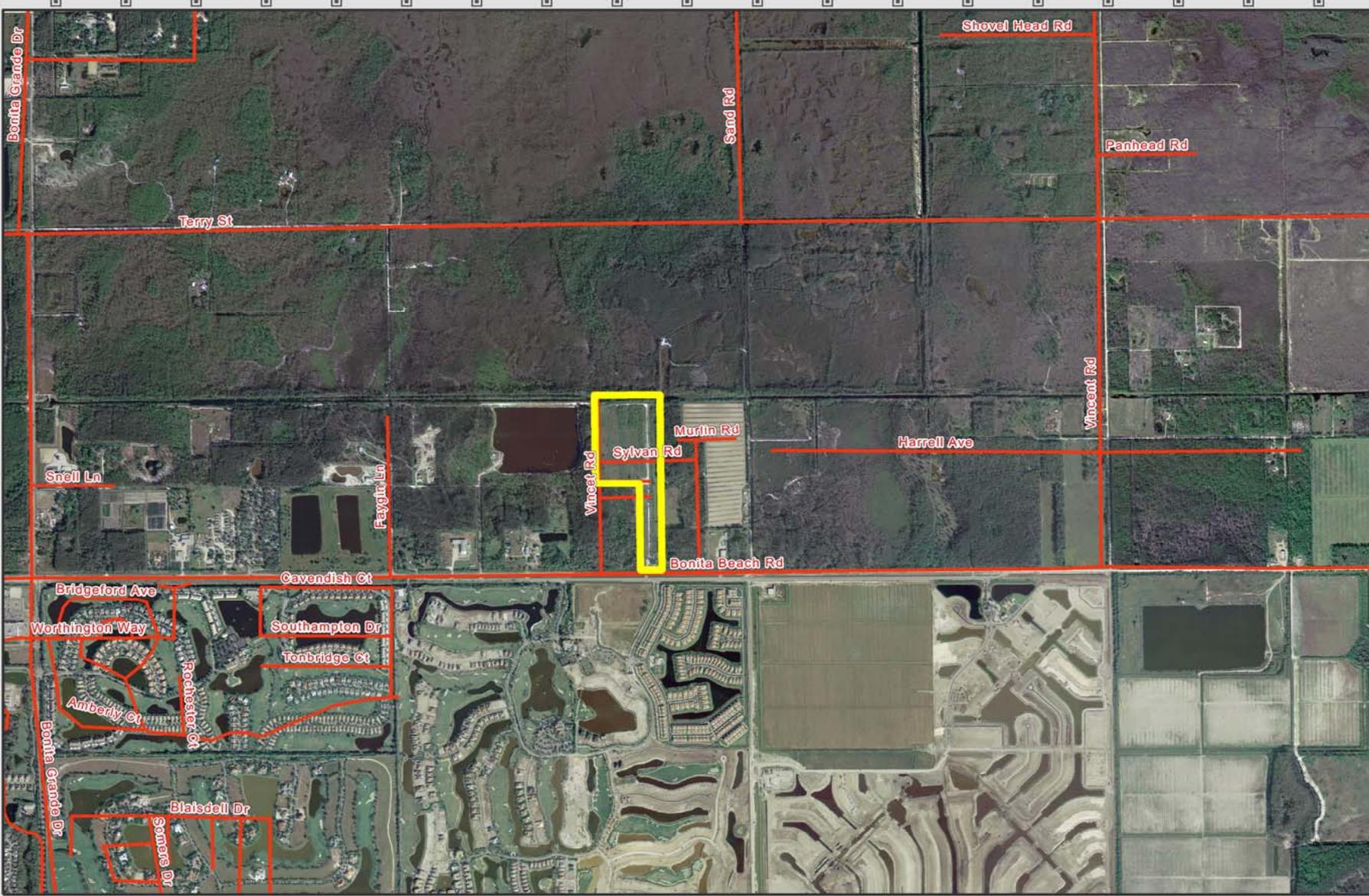


Plumosa Pit
 Map made by: Lynn J. Cox
 Environmental Resource Regulation
 Map Date: October 29, 2007
 Imagery: 2004-2005 DOQQ, Natural Color, 1mtr



This map is a conceptual tool utilized for project development and implementation only. This map is not self-executing or binding, and does not otherwise affect the interests of any person including any vested rights or existing uses of real property. Any information, including but not limited to maps and data, received from the SFWMD is provided "as is" without any warranty and the SFWMD expressly disclaims all express and implied warranties of merchantability and fitness for a particular purpose. The District does not make any representations regarding the use or the results of the use, of the information provided to you by the District.





 APPLICATION: 070220-9

 ROADS

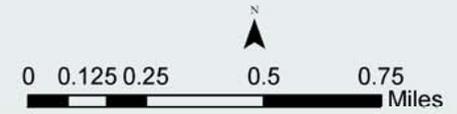
Plumosa Pit

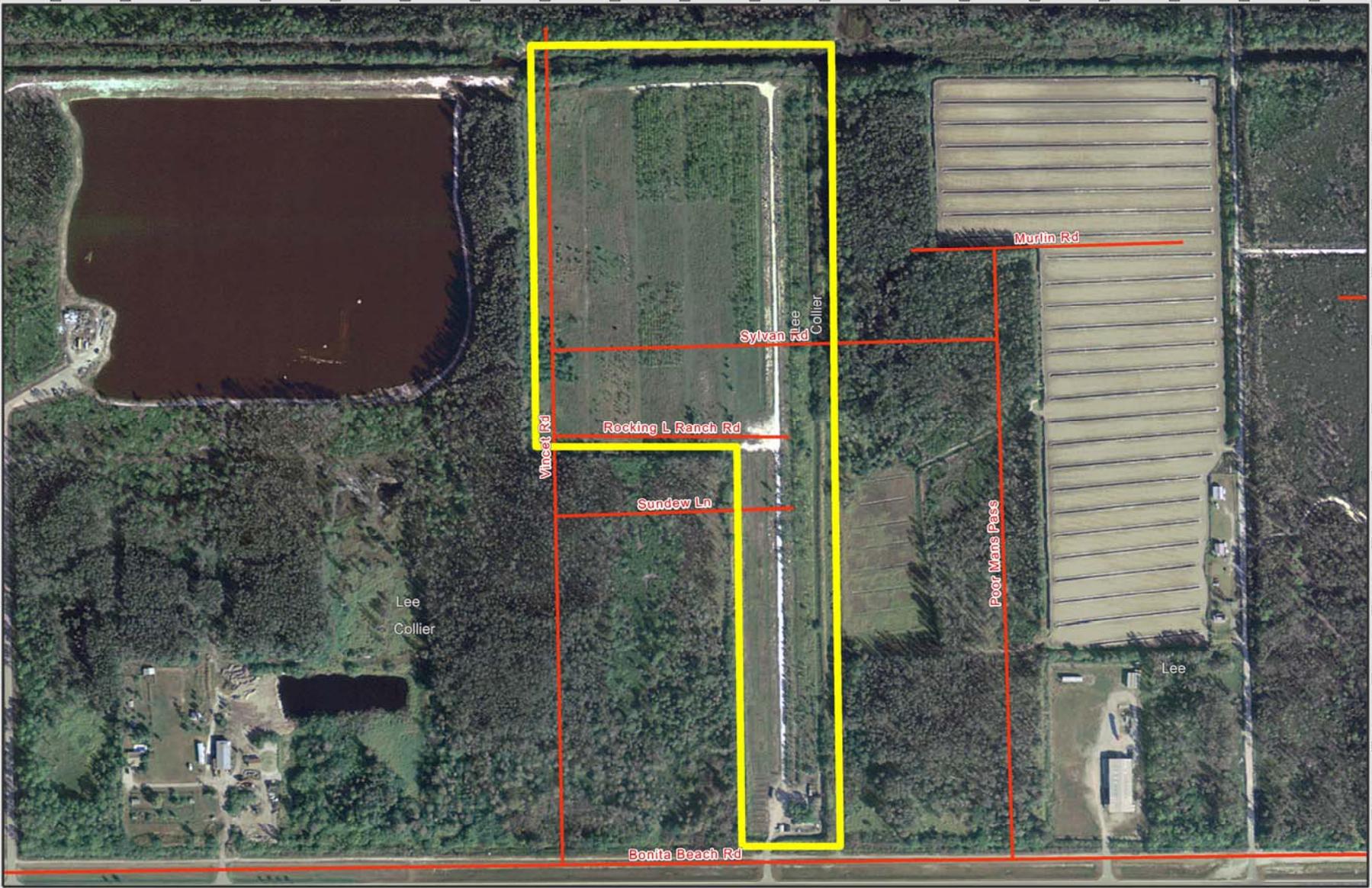


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 Environmental Resource Regulation
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APPLICATION: 070220-9



ROADS

Plumosa Pit

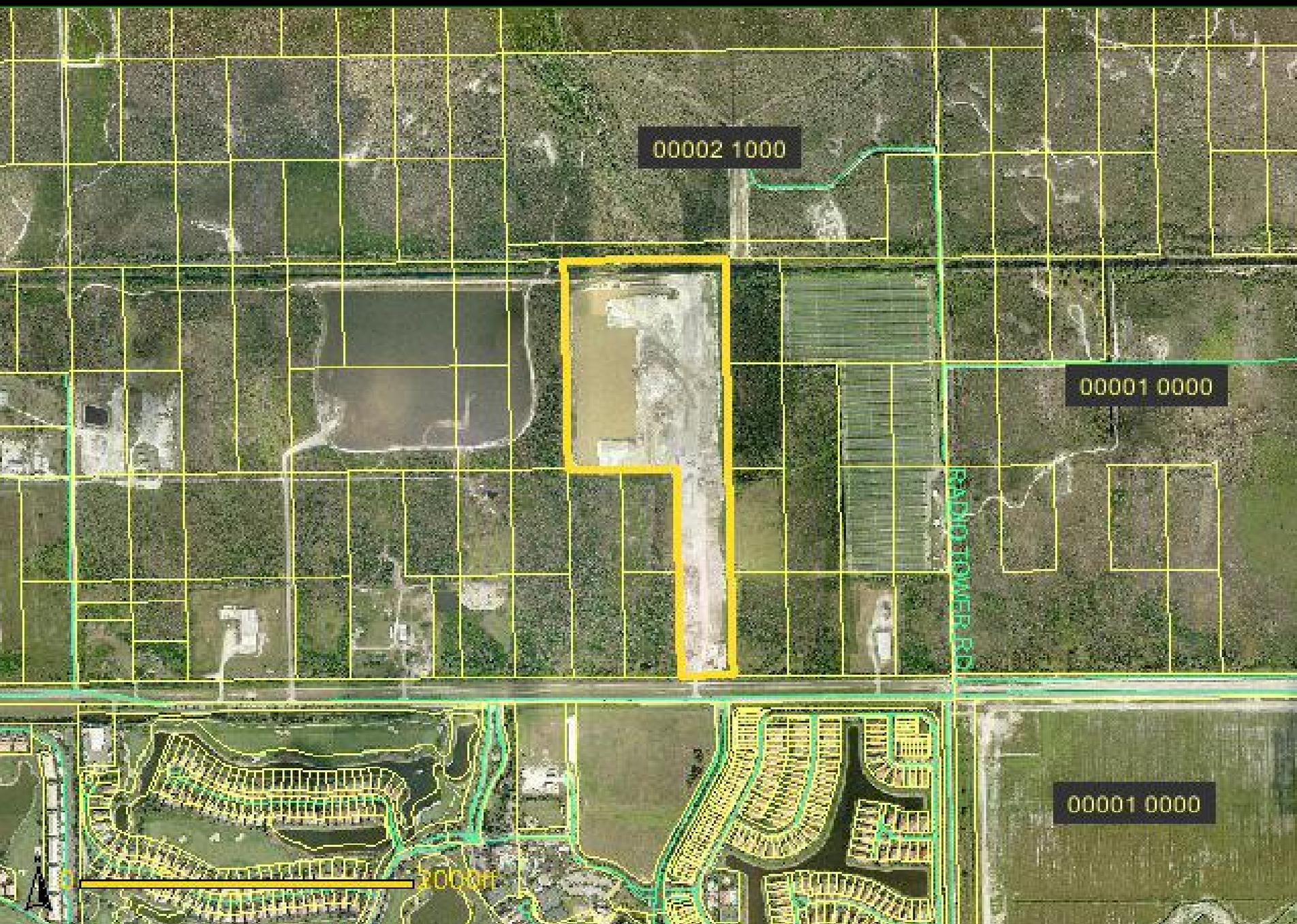


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Plumosa Pit

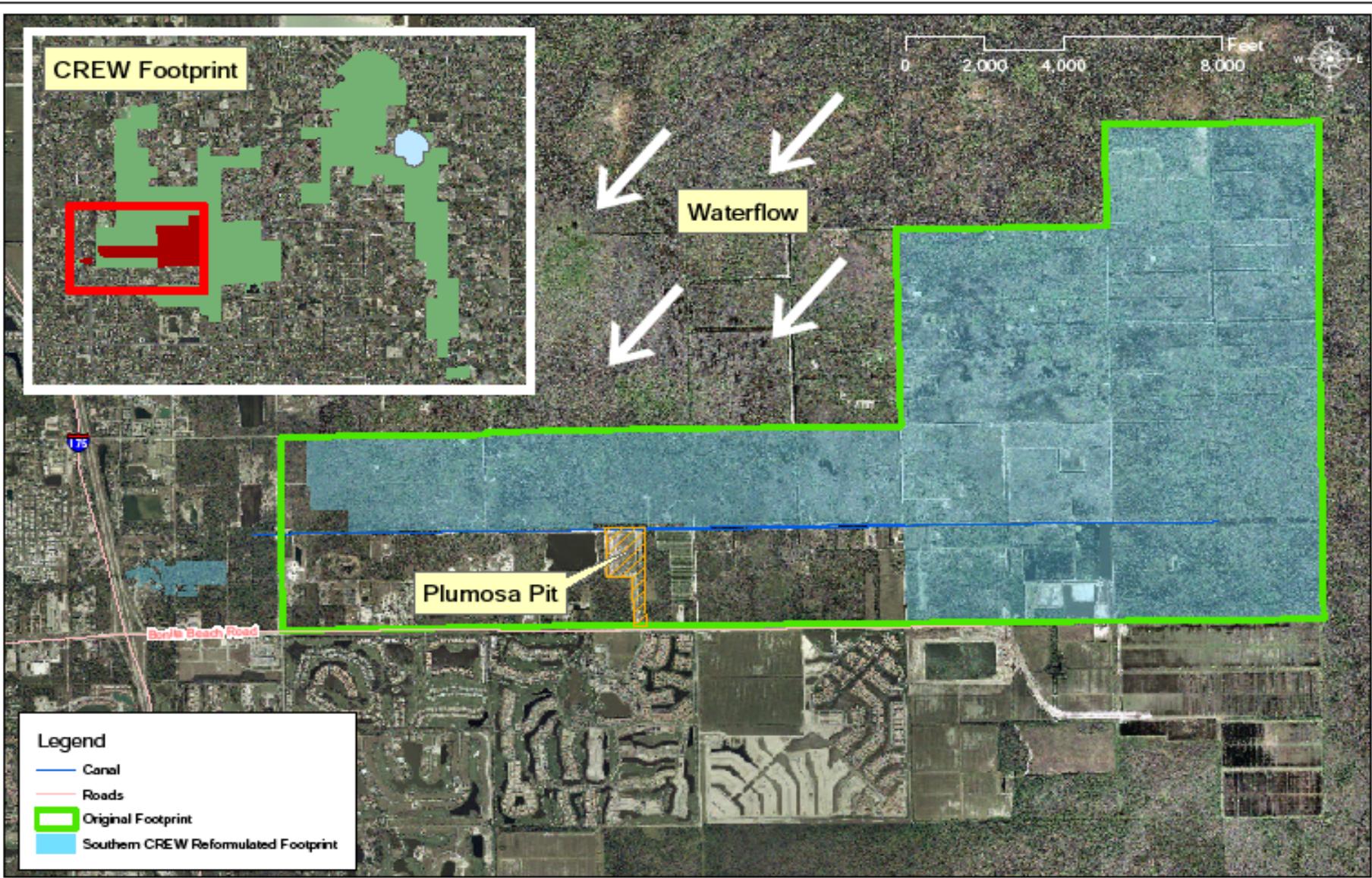


- **Lee County**
- **Project site is located within the Southern CREW/Imperial River Critical project**
- **Total project site is 36.82 acres**
- **District staff previously issued an Environmental Resource Permit to Plumosa Farms on April 6, 2000 for the excavation of a 29.7 acre mine**
- **Environmental Resource Permit expired on April 6, 2005**

Plumosa Pit



- **Notice of Violation issued by the District on February 6, 2007 for construction with an expired permit**
- **Plumosa Farms submitted a new application for permit on February 22, 2007 under the name of Plumosa Pit**
- **Governing Board approved consent agreement at its November 2007 meeting and resolution of enforcement case required Respondent to pay civil penalties and staff investigative costs**



Everglades Restoration Resource Area
South Florida Water Management District
2301 Center Park West Drive, Suite #150
West Palm Beach, FL 33409
Tel # (561) 242-5520

Southern CREW

UPDATED
5 NOV 07

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SouthernCREW\map_docs\SouthernCREW
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Plumosa Pit



- District staff requested and applicant has agreed to not construct and/or mine within the north 250' of the project site
- A new Special Condition 15 has been added and reads as follows:
 - No activity is authorized within the 250 foot setback along the north boundary of the property as shown on Exhibit 2.0. Should any activities be proposed within the 250 foot setback in the future, an application shall be submitted to modify the permit and it shall require approval by the Governing Board.

Plumosa Pit



Regulation Staff has coordinated review of this project with the project manager for the Southern CREW/Imperial River Critical project who has determined that this application is not inconsistent with the future restoration goals of the adjacent CERP project.

Staff's Recommendation:

Staff Recommends approval of Environmental Resource Permit Application 070220-9 authorizing the construction and operation of a surface water management system serving 36.82 acres of commercial development known as Plumosa Pit with discharge into waters of Imperial River via the Kehl Canal.



PLUMOSA PIT AND CONSTRUCTION PLANS - 2007

PHASING SCHEDULE

66 TRUCKS/DAY
 6 DAYS A WEEK
 52 WEEKS A YEAR
 66 TRUCKS = 21,216
 APPROXIMATELY 18 CY/TRUCK LOAD
 21,216x18 CY=381,888 CY/YEAR
 2 YEAR SCHEDULE = 678,192 CY
 4:1 SLOPE = 1,084,192 CY (3 YRS. TO COMPLETE)
 6:1 SLOPE = 967,016 CY (3 YRS. TO COMPLETE)
 THE METHOD OF EXCAVATION WILL BE WET.

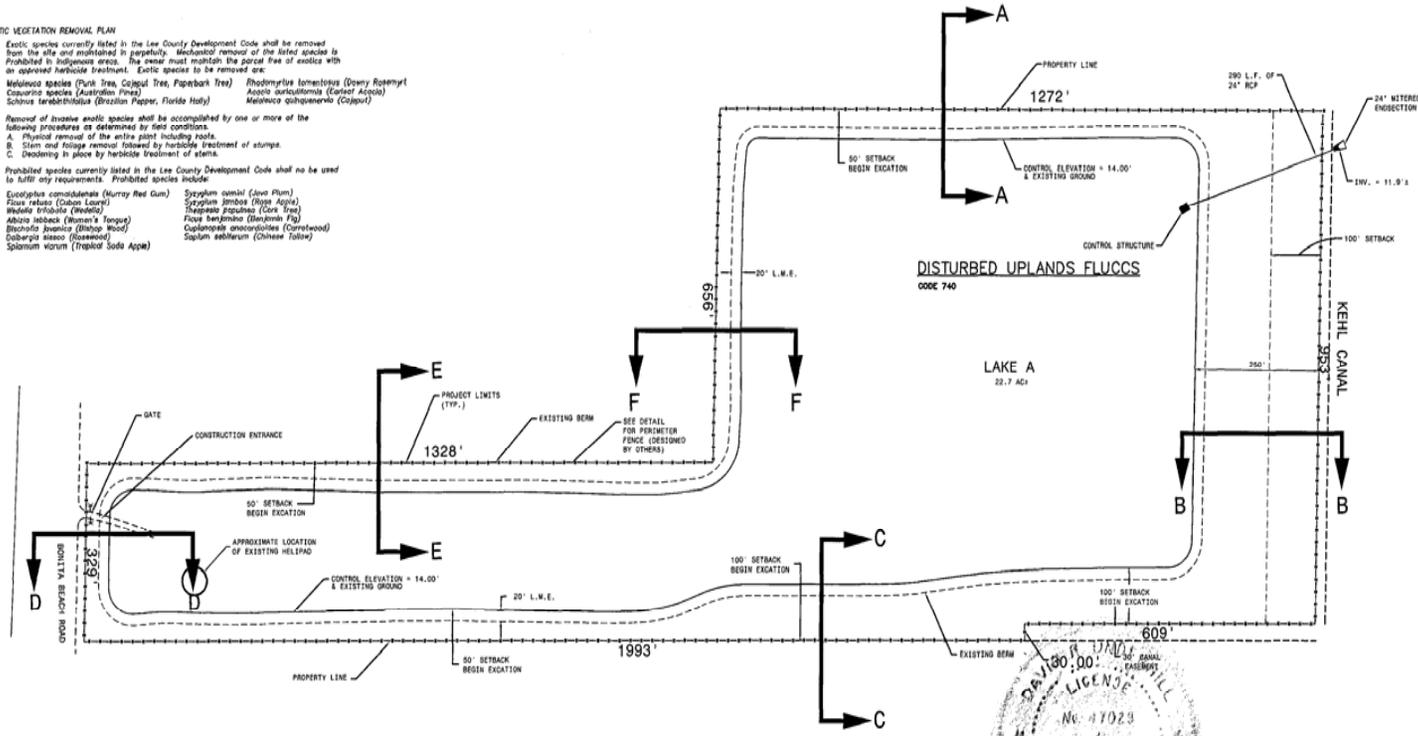
GENERAL NOTES:

- THE SITE WILL BE ZONED AS A PLANNED UNIT DEVELOPMENT.
- THIS PROPERTY IS LOCATED IN FLOOD ZONE B, FPM MAP 120124 0510 C AS REVISED NOVEMBER 3, 1993.
- ALL CONSTRUCTION METHODS, MATERIALS AND REQUIREMENTS MUST COMPLY WITH THE LEE COUNTY LAND DEVELOPMENT CODE (LDC) AND ANY OTHER FEDERAL, STATE AND LOCAL ORDINANCES OR REQUIREMENTS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE ENGINEER, DEVELOPER AND UTILITY COMPANIES FOR LOCATIONS, TYPES AND SIZES OF EXISTING UNDERGROUND UTILITIES.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY APPROPRIATE EROSION CONTROL DEVICES SHALL BE INSTALLED TO CONTROL AND REDUCE SOIL EROSION AND SEDIMENT TRANSPORT TO OFF-SITE AREAS. REFER TO LDC SECTION 8.2.2.17 AND 3.7 PERTAINING TO SOIL EROSION CONTROL.
- IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN MONTHLY BEACH ROAD FROM THE END OF THE PAVED AREA TO THE PROJECTS ENTRANCE DUE TO DAMAGE FROM CONSTRUCTION TRAFFIC. METHODS OF MAINTENANCE SHALL INCLUDE GRADING, THE ADDITION OF LIME ROCK AND WATERING TO MINIMIZE ANY EXCESS DUST AND TO ALLOW VEHICLES TO BRAKE WITHOUT DIFFICULTY.
- PRIOR TO ANY CONSTRUCTION A MEETING WITH THE DEPARTMENT OF PUBLIC SAFETY AND THE CLIENT WILL TAKE PLACE ON SITE TO DETERMINE THE LOCATION OF THE HELIPAD IF ONE IS REQUIRED.

EXOTIC VEGETATION REMOVAL PLAN

- Exotic species currently listed in the Lee County Development Code shall be removed from the site and eradicated to perpetuity. Mechanical removal of the listed species is prohibited in indigenous areas. The owner must maintain the parcel free of exotics with an approved herbicide treatment. Exotic species to be removed are:
 Melaleuca species (Punk Tree, Cajuput Tree, Paperbark Tree) *Rhodomyrtus tomentosa* (Downy Rosemary)
Casuarina species (Australian Pine) *Acacia australis* (Carrot Acacia)
Schinus molle (Brazilian Pepper, Florida Holly) *Melastoma eichlamense* (Cajuput)
- Removal of invasive exotic species shall be accomplished by one or more of the following procedures as determined by field conditions:
 A. Physical removal of the entire plant including roots.
 B. Stem and foliage removal followed by herbicide treatment of stumps.
 C. Densetting in place by herbicide treatment of stems.
- Prohibited species currently listed in the Lee County Development Code shall not be used to fulfil any requirements. Prohibited species include:

<i>Eucalyptus comadrenalis</i> (Murray Red Gum)	<i>Strychnos omei</i> (Java Plum)
<i>Ficus religiosa</i> (Cotton Laurel)	<i>Strychnos limbo</i> (Rope Apple)
<i>Melastoma eichlamense</i> (Brazilian Pepper)	<i>Thecophora papilion</i> (Cork Tree)
<i>Albizia lebbek</i> (Woman's Tongue)	<i>Ficus benjamina</i> (Benjamin Fig)
<i>Bignonia javanica</i> (Striped Wood)	<i>Cupressus arborescens</i> (Cypresswood)
<i>Dalbergia sissoo</i> (Rosewood)	<i>Sapium sebiferum</i> (Chinese Tallow)
<i>Solanum torquatum</i> (Tropical Soda Apple)	



PREPARED FOR:
SANFILCO LLC
 897 NORTH COLLIER BLVD. SUITE G
 MARCO ISLAND, FLORIDA 34145
 PH: (239) 493-0990
 FX: (239) 488-2788

Wanks Engineering
 Professional Engineers, Planners & Land Surveyors
 FORT MYERS • NAPLES • SARASOTA
 2915 NORTHMOORE PLAZA DR. SUITE 200
 NAPLES, FLORIDA 34119
 PHONE: (239) 887-2881 FAX: (239) 837-3087
 ENGINEERING LICENSE # EB 6449
 SURVEY LICENSE # LS 6992

STATE OF FLORIDA		SITE PLAN	
David R. Underhill No. 47023		PLUMOSA PIT	
DAVID R. UNDERHILL, C.E. P.E. # 47023		LEE COUNTY, FLORIDA	
DATE	PROJECT	DRAWING	SECTION
FEBRUARY 2007	2041	_MSP	DRU
DRW	KLJ	DRU	
CHECKED	SCALE	SHEET	OF
	1" = 100'	2	4
FILE NO. (S-1)-H			
33-47-26			

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