

Identification_Information:
Citation:

Mike J. Bartholomew
Biscayne Engineering

Citation_Information:
Originator: Mike J. Bartholomew
Publication_Date: Unpublished material
Publication_Time: Unknown
Title: East Coast Aquifer Monitoring Wells (M1273)
Edition: 1.0
Series_Information:
Publication_Information:
Larger_Work_Citation:
Citation_Information:
Series_Information:
Publication_Information:

Description:

Purpose

Abstract: East Coast Aquifer Monitoring Wells (M1273)
Purpose: To establish elevations on a disc set adjacent to the well and provide the results in NAVD-88 format in accordance with the CERP height modernization program.
Supplemental_Information:
Access to site is gained by Indiantown, from the intersection of S.W. Warfield Blvd. (SR-710) and Citrus Blvd. (SR-726).

Survey Date

Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Range_of_Dates/Times:
Beginning_Date: 20060105
Ending_Date: 20060105
Multiple_Dates/Times:
Currentness_Reference: Date and Time Range of Field/Office Work

Status:

Progress: Complete
Maintenance_and_Update_Frequency: Unknown

Spatial_Domain:

Bounding_Coordinates:
West_Bounding_Coordinate: -080° 19' 09"
East_Bounding_Coordinate: -080° 19' 09"
North_Bounding_Coordinate: +27° 04' 25"
South_Bounding_Coordinate: +27° 04' 25"

Keywords:

Theme:
Theme_Keyword_Thesaurus: None
Theme_Keyword: Well Site
Theme_Keyword: MARTIN
Theme_Keyword: M1273

Place:

Place_Keyword_Thesaurus: None
Place_Keyword: East Coast Aquifer Monitoring Wells (M1273)
Place_Keyword: Martin County, Florida
Place_Keyword: Florida
Place_Keyword: Sec. 14 , Twp. 39S, Rge 40E

Stratum:

Temporal:

Access_Constraints:

Site is located Southwest from the intersection between Greenridge St. (dirt road) and Citrus Blvd. (SR-76A).

Use_Constraints: None

Point_of_Contact:

Elvie Ebanks
SFWMD

Contact_Information:
Contact_Person_Primary:
Contact_Person: Elvie Ebanks
Contact_Organization: South Florida Water Management

District

Contact_Organization_Primary:
Contact_Position: Project Manager
Contact_Address:
Address_Type: mailing and physical address
Address: 3301 Gun Club Road

M1273.gen

City: West Palm Beach

State_or_Province: FL

Postal_Code: 33406

Country: USA

Contact_Voice_Telephone: (561) 753-2400 x4717

Contact_Facsimile_Telephone: (561) 791-4093

Security_Information:

Cross_Reference:

Citation_Information:

Series_Information:

Publication_Information:

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Equipment Used

This Survey was prepared using GPS and Leveling instruments. The horizontal location of the well was established using GPS. The vertical data was collected using Level Wild NA-2. Coordinates are based on the Florida State Plane Coordinate System, East Zone, NAD 83/90. Elevations based on NAVD88

Logical_Consistency_Report:

Horizontal data was established using NGS control points AJ8256 (R522) and AJ8248 (N522). Vertical data was established using NGS benchmarks AJ5250 (GCY D08) and AJ5627 (X516). Coordinates are based on the Florida State Plane Coordinate System, East Zone, NAD 83/90. Elevations are based on NAVD88.

Completeness_Report:

Project Results

Horizontal location taken at approximate center of well.

Lat. +27°04' 25.321"

Long. -080°19' 09.023"

N 996561.196

E 877715.616

New leveled elevations.

New site benchmark "M1236" is a standard S.F.W.M.D. brass disc in the concrete encasement for tape down well.

Disc elevation is 23.51' (NAVD88).

elevation is 24.99' (NGVD29)

Top of pipe elevation is 23.48' (NAVD88)

elevation is 24.96' (NGVD29)

based on NGS NAVD88 adjustment of vertical network.

Origin of NAVD88 elevation for BM "M1236" and well

"M1273" is closed bench level circuit through NGS benchmarks AJ5250 (GCY D08) and AJ5627 (X516).

NGVD29 Elevations determined at well site vicinity by adding a constant (C) to the measured NAVD88 values.

The constant was derived by comparing the published NAVD88 value of 23.88 feet at benchmark AJ5250 with an NGVD-29 value of 25.36 feet; per the NGS Adjustment of the CERP Geodetic Vertical Control Project, as provided by SFWMD. C equals 25.36 feet - 23.88 feet equals 1.48 feet. Well is situated West of the St. Lucie Canal, North of State Road 76 (Kanner Highway), South of

S.W. 96th Street, near the intersection of Citrus Blvd. (SR-726) and Greenridge Street, Martin County, Florida.

TO REACH the well from the intersection of Warfield Blvd. (SR-710) and Citrus Blvd. (SR-726), travel East and then

North on Citrus Blvd. (SR-726) for 9.9 miles to Greenridge Street (dirt road). Well is a 2-1/2" diameter pipe. Top of well is 0.2' beneath the ground surface. Lying 68.5 feet West of Citrus Blvd. (SR-726), and 21.3 feet (more or less) South of Greenridge St. (dirt road). Benchmark is a brass SFWMD disc set 20.0 feet South of the South edge of

Greenridge Street (dirt road), East of a white wooden fence, and 66.8 feet (more or less) West of the West edge of pavement of Citrus Blvd. (SR-726).

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal

Horizontal_Positional_Accuracy_Report:

M1273.gen

The horizontal position of the well "M1273" was established using differential GPS. NGS points AJ8256 (R522) and AJ8248 (N522) were used as a source of horizontal control.

Quantitative_Horizontal_Positional_Accuracy_Assessment:

Horizontal_Positional_Accuracy_Value: 1 meter

Horizontal_Positional_Accuracy_Explanation: The intended

horizontal positional accuracy for this survey is 1 meter.

Vertical_Positional_Accuracy:

Level Line

Vertical_Positional_Accuracy_Report:

A level line was run originating on NGS control point AJ5250 (GCY D08) with NAVD-88 elevation, running through well and disc "M1273" and terminated on point AJ5627 (X516) in accordance with Florida Minimum Technical Standards.

Quantitative_Vertical_Positional_Accuracy_Assessment:

Vertical_Positional_Accuracy_Value: 0.02 feet

Vertical_Positional_Accuracy_Explanation: A bench level

circuit was performed between AJ5250 (GCY D08) and AJ5627 (X516), running through well "M1273" in accordance with Florida Minimum Technical Standards (Chapter 61g17-6, FAC). Length of benchmark run is 2.78 miles. Allowable error is 0.10 feet. Achieved Accuracy is 0.02 feet.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Series_Information:

Publication_Information:

Larger_Work_Citation:

Citation_Information:

Series_Information:

Publication_Information:

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Range_of_Dates/Times:

Multiple_Dates/Times:

Process_Step:

Process_Description:

The horizontal work was performed using Ashtech GPS receivers. The vertical work was performed using Level Wild N-A2.

Process_Date: 20060109

Process_Time: 09000000

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Organization_Primary:

Contact_Address:

Spatial_Data_Organization_Information:

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Planar:

Map_Projection:

Albers_Conical_Equal_Area:

Azimuthal_Equidistant:

Equidistant_Conic:

Equiangular:

General_Vertical_Near-sidereal_Perspective:

Gnomonic:

Lambert_Azimuthal_Equal_Area:

Lambert_Conformal_Conic:

Mercator:

Modified_Stereographic_for_Alaska:

Miller_Cylindrical:

Oblique_Mercator:

Oblique_Line_Point:

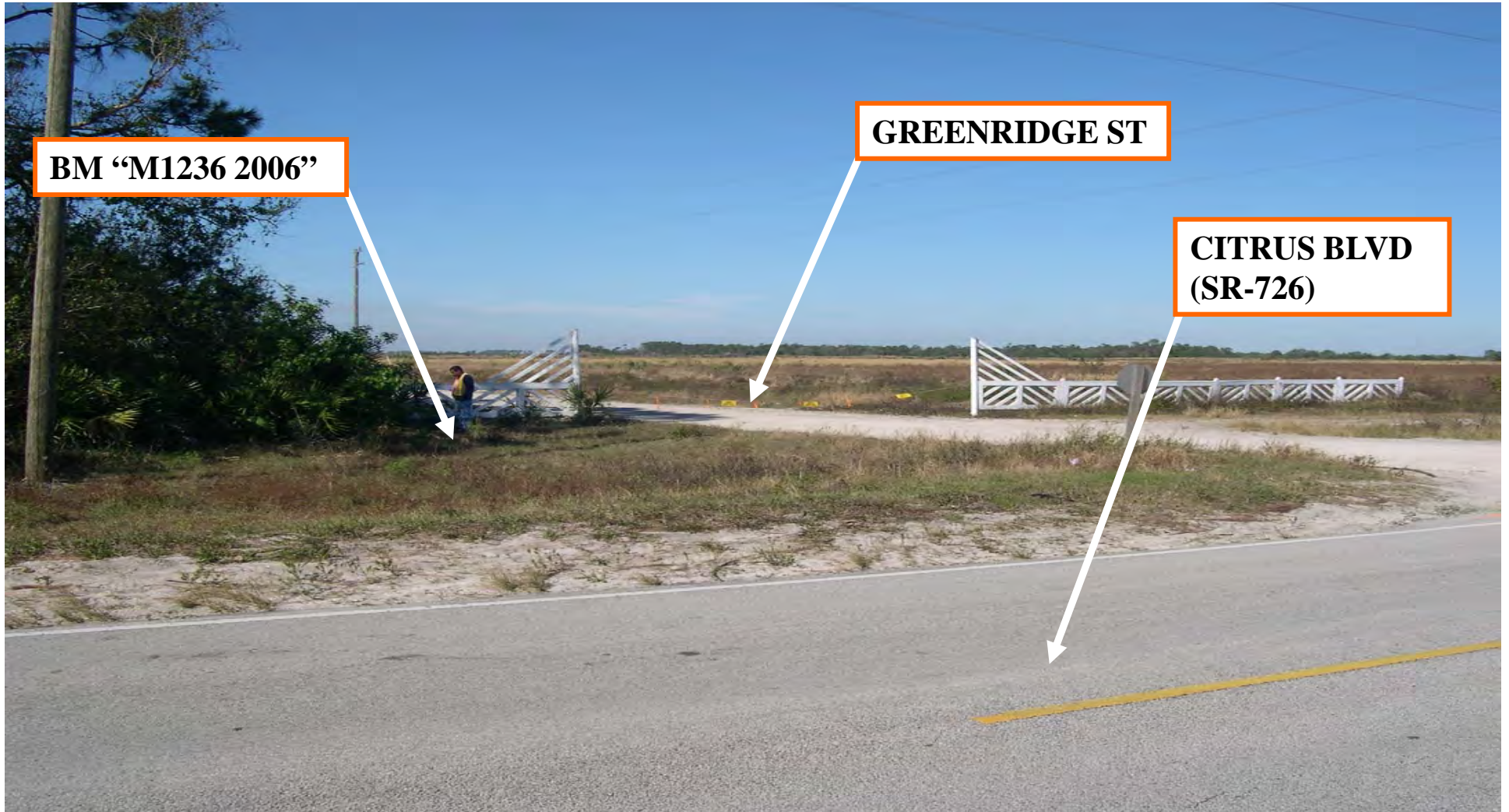
Orthographic:

Polar_Stereographic:

M1273.gen
 Polyconic:
 Robinson:
 Sinusoidal:
 van_der_Grinten:
 Space_Obllique_Mercator_(Landsat):
 Stereographic:
 Transverse_Mercator:
 van_der_Grinten:
 Grid_Coordinate_System:
 Universal_Transverse_Mercator:
 Transverse_Mercator:
 Universal_Polar_Stereographic:
 Polar_Stereographic:
 StatePlane_Coordinate_System:
 Lambert_Conformal_Conic:
 Transverse_Mercator:
 Obllique_Mercator:
 Obllique_Line_Point:
 Polyconic:
 ARC_Coordinate_System:
 Equiangular:
 Azimuthal_Equidistant:
 Local_Planar:
 Planar_Coordinate_Information:
 Coordinate_Representation:
 Distance_and_Bearing_Representation:
 Local:
 Geodetic_Model:
 Vertical_Coordinate_System_Definition:
 Altitude_System_Definition:
 Depth_System_Definition:
 Entity_and_Attribute_Information:
 Detailed_Description:
 Entity_Type:
 Attribute:
 Attribute_Domain_Values:
 Attribute_Value_Accuracy_Information:
 Overview_Description:
 Distribution_Information:
 Distributor:
 Contact_Information:
 Contact_Person_Primary:
 Contact_Organization_Primary:
 Contact_Address:
 Standard_Order_Process:
 Digital_Form:
 Digital_Transfer_Information:
 Digital_Transfer_Option:
 Online_Option:
 Computer_Contact_Information:
 Network_Address:
 Dialup_Instructions:
 Offline_Option:
 Recording_Capacity:
 Available_Time_Period:
 Time_Period_Information:
 Single_Date/Time:
 Range_of_Dates/Times:
 Multiple_Dates/Times:
 Metadata_Reference_Information:
 Metadata_Date: 20060109
 Metadata_Contact:
 Contact_Information:
 Contact_Person_Primary:
 Contact_Person: Mike J. Bartholomew
 Contact_Organization: Biscayne Engineering Company, Inc.
 Contact_Organization_Primary:
 Contact_Position: Project Surveyor
 Contact_Address:
 Address_Type: mailing and physical address

M1273.gen
Address: 529 W. Flagler Street
City: Miami
State_or_Province: FL
Postal_Code: 33130
Country: USA
Contact_Voice_Telephone: (305) 324-7671
Contact_Facsimile_Telephone: (305) 324-0809
Contact_Electronic_Mail_Address: mikel@biscayneengineering.com
Hours_of_Service: 8:00 AM to 5:00 PM EST
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: 1.0
Metadata_Time_Convention: Local time
Metadata_Security_Information:

M-1273

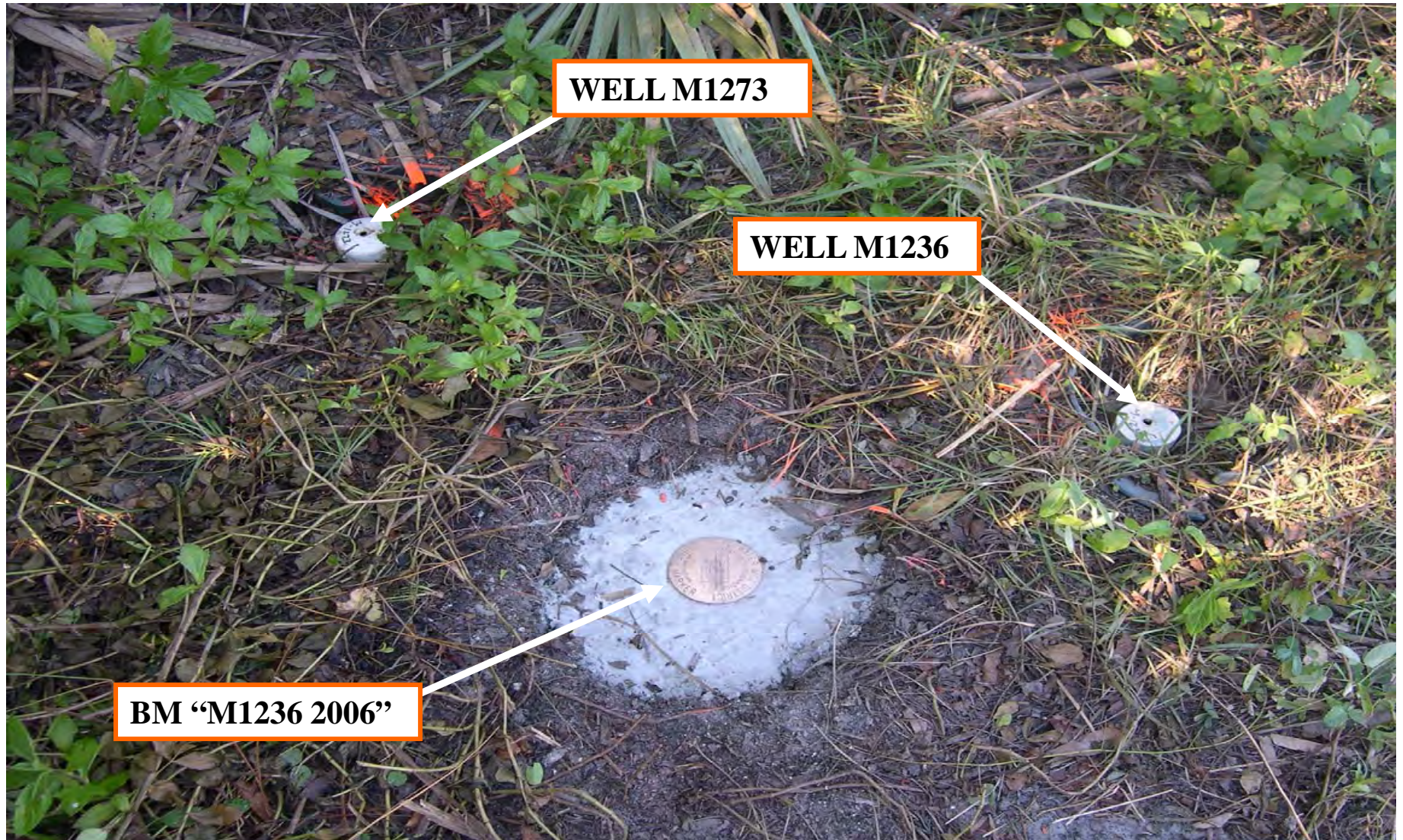


Biscayne Engineering Company, Inc.

Date of Photo: 01-15-06

View: Looking Northwest. BM "M1273 2006".

M-1273



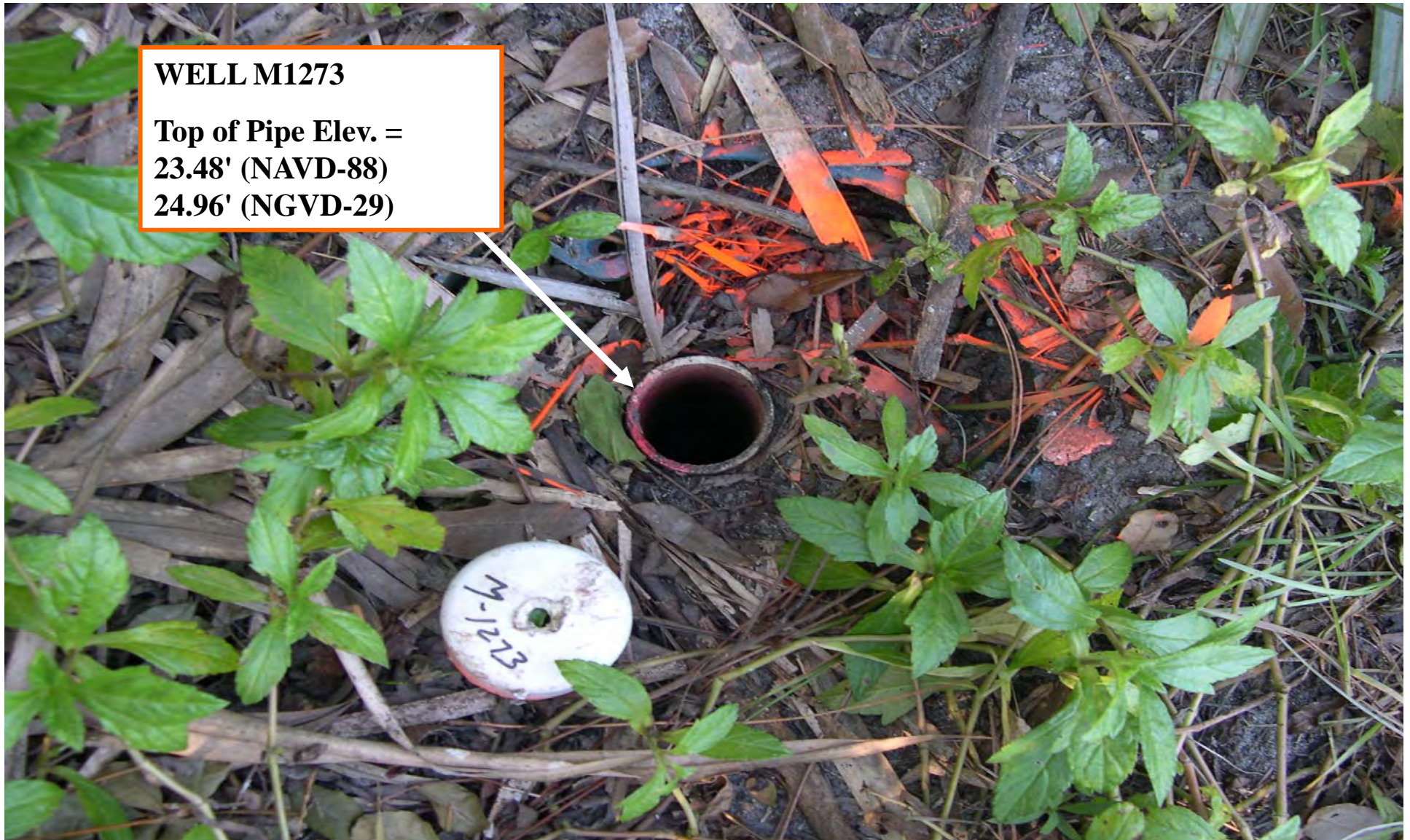
Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Looking West. BM "M1236 2006", Well
"M1273" & Well "M1236"

M-1273



Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Well M-1273

M-1273



WELL M1273

**Top of Pipe Elev. =
23.48' (NAVD-88)
24.96' (NGVD-29)**

**Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Well M-1273**

M-1273



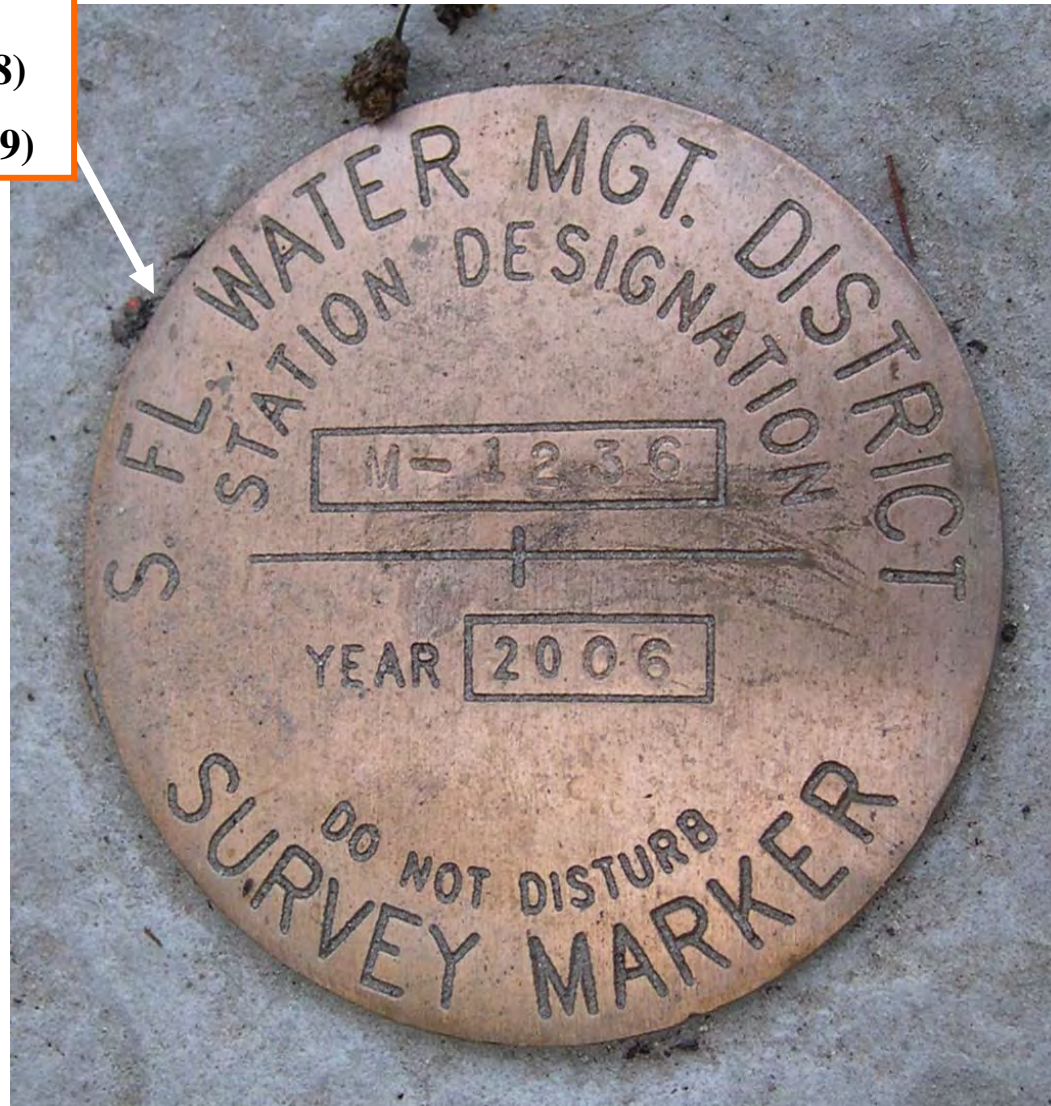
Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: BM "M1236 2006"

M-1273

BM "M1236 2006"

Elev. =23.51' (NAVD-88)

Elev. =24.99' (NGVD-29)



Biscayne Engineering Company, Inc.

Date of Photo: 01-15-06

View: Benchmark "M1236 2006"

M-1273

BM "M1236 2006"

Elev. =23.51' (NAVD-88)

Elev. =24.99' (NGVD-29)



Biscayne Engineering Company, Inc.

Date of Photo: 01-15-06

View: Benchmark "M1236 2006"

A. REDERO
T. LOPEZ
L. BALLESTEROS

#03-77616
S.F.W.M.D

" SITE - K "

12/30/05

(ESTABLISH ELEV ON
WELL M-1252)

BM

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV
	6.930						√ 23.51
BM	5.565	5.565	29.075	✓			
	4.200						
				5.780			
TP#1				4.240	4.240	24.835	✓
				2.700			
	7.040						
SHAKE	5.270	5.270	30.105	✓			
	2.500						
				6.740			
TP#2				5.140	5.140	24.965	✓
				3.540			
	6.440						
SHAKE	4.790	4.790	29.755	✓			
	3.140						
				7.010			
TP#3				5.180	5.180	24.575	✓
				3.350			
	4.310						
SHAKE	3.450	3.450	28.025	✓			
	2.590						
				5.395			
TP#4				3.515	3.515	24.51	✓
				1.635			

2564/01

DESC

NGS # AJ 8237 (A522) NAVD 88
BRASS D. IN CONC. MON.
STAMPED A 522 2001 CERP

CUT NL

CUT NL

CUT NL

CUT NL

MAG NL E W

MAG NL E W

REBAR

SAME
CREW

#03-77616
S.F.W.M.D

12/30/05

"SITE-K"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN ELEV	ELEV	BM
	10.560						
SHAKE	10.600	10.600	35.110				
	10.340			0.805			
TP#5				0.620	0.620	34.490	✓
				0.435			
	4.950						
SHAKE	3.465	3.465	37.955				✓
	1.980						
				14.390			
TP#6				12.470	12.470	25.485	✓
				10.550			
	6.370						
SHAKE	4.120	4.120	29.605				✓
	1.870						
				6.610			
TP#7				4.730	4.730	24.875	✓
				2.850			
	6.340						
SHAKE	5.190	5.190	30.065				✓
	4.040						
				6.030			
TP#8				4.120	4.120	25.945	✓
				2.210			
	7.135						
SHAKE	5.035	5.035	30.980				✓
	2.935						

DESC

REBAR

WOODEN STAKE

WOODEN STAKE

80 D SPIKE

80 D SPIKE

80 D SPIKE

80 D SPIKE

80 D SPIKE

80 D SPIKE

A. REDERO
 T. LOPEZ
 A. FERNANDEZ
 1/3/06

#03-77616
 S.F.W.M.D

"SITE-K"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	BM
	7.655							
SHAKE	5.525	5.525	29.695	✓				
	3.375							
DISC				6.855				
M-1252				6.365	6.365	23.330	✓	
				2.875				
	7.085							
SHAKE	5.975	5.975	29.305	✓				
	4.865							
WELL				7.320				
M-1252				6.115	6.115	23.190	✓	
				4.910				
	8.915							
SHAKE	6.325	6.325	29.515	✓				
	3.735							
				7.470				
TP#14				5.340	5.340	24.175	✓	
				3.210				
	6.910							
SHAKE	4.970	4.970	29.145	✓				
	3.030							
				6.860				
TP#15				4.300	4.300	24.845	✓	
				1.740				
	7.050							
SHAKE	4.715	4.715	29.560	✓				
	2.380							

DESC

80 D SPIKE

SET S.F.W.M.D DISC STAMPED M-1252 2006

"

"

TOP OF PIPE "PVC" M-1252

"

"

80 D SPIKE

80 D SPIKE

80 D SPIKE

80 D SPIKE

ASAME
CREW

#03-77616
S.F.W.M.D.

1/3/06

"SITE-K"

(ELEV. CONT)

BM

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	DESC
TP#16				7.090 4.835 2.580	4.835	24.725	✓	80 D SPIKE
SHAKE	8.620 6.330 4.040	6.330	31.055	✓ 8.030				80 D SPIKE
TP#17				5.975 3.920	5.975	25.08	✓	80 D SPIKE
SHAKE	6.760 4.955 3.150	4.955	30.035	✓ 8.250				80 D SPIKE
TP#18				4.440 2.630	4.440	25.595	✓	80 D SPIKE
SHAKE	7.380 5.440 3.500	5.440	31.035	✓ 7.190				80 D SPIKE
TP#19				5.090 2.990	5.090	25.945	✓	80 D SPIKE
SHAKE	6.010 4.100 2.190	4.100	30.045	✓ 6.320				80 D SPIKE
TP#20				5.170 4.020	5.170	24.875	✓	80 D SPIKE

SAME
CREW#03 - 77616
S.F.W. M.D.

1/3/06

"SITE-K"

(ELEV. CONT)

-
BM

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV
	6.580						
SHAKE	4.700	4.700	29.575	✓			
	2.820						
				6.345			
TP#21				4.100	4.100	25.475	✓
				1.855			
	14.030						
SHAKE	12.110	12.110	37.585	✓			
	10.19						
				4.580			
TP#22				3.100	3.100	34.485	✓
				1.620			
	1.300						
SHAKE	1.115	1.115	35.600	✓			
	0.930						
				11.360			
TP#23				11.100	11.100	24.500	✓
				10.840			
	5.550						
SHAKE	3.670	3.670	28.170	✓			
	1.790						
				4.460			
TP#24				3.600	3.600	24.570	✓
				2.740			
	6.090						
SHAKE	4.470	4.470	29.040	✓			
	2.850						

DESC

80 D SPIKE

80 D SPIKE

80 D SPIKE

WOODEN STAKE

WOODEN STAKE

REBAR

REBAR

MAG NL & W

MAG NL & W

SAME #03-77616
 CREW S.F.W.M.D

1/3/06 "SITE-K"
 (ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV
				6.110			
TP#25				4.220	4.220	24.820	✓
				2.330			
	5.755						
SHAKE	3.835	3.835	28.655				✓
	1.915						
				5.950			
TP#26				3.870	3.870	24.785	✓
				1.790			
	6.170						
SHAKE	3.835	3.835	28.620				✓
	1.500						
				5.410			
TP#27				3.590	3.590	25.030	✓
				1.770			
	6.430						
SHAKE	4.520	4.520	29.550				✓
	2.610						
				8.880			✓
BM				6.820	6.820	22.730	22.730 ✓
				4.760			

ERR = 0.000

DESC
 CUT NL
 CUT NL
 CUT NL
 CUT NL
 CUT NL
 CUT NL

NGS # AJ 8238 (B522) NAVD 88
 BRASS D. IN CONC MON.
 STAMPED B522 2001 CERP

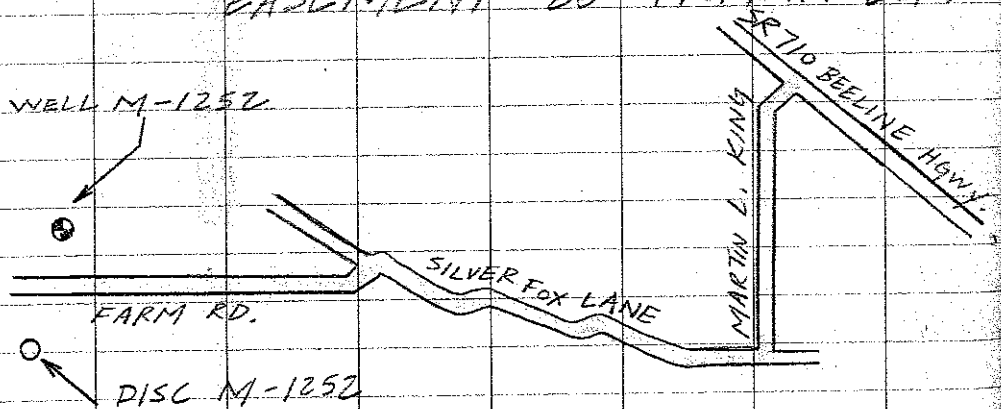
SAME
CREW

#03-77616
S.F.W.M.D

1/3/06

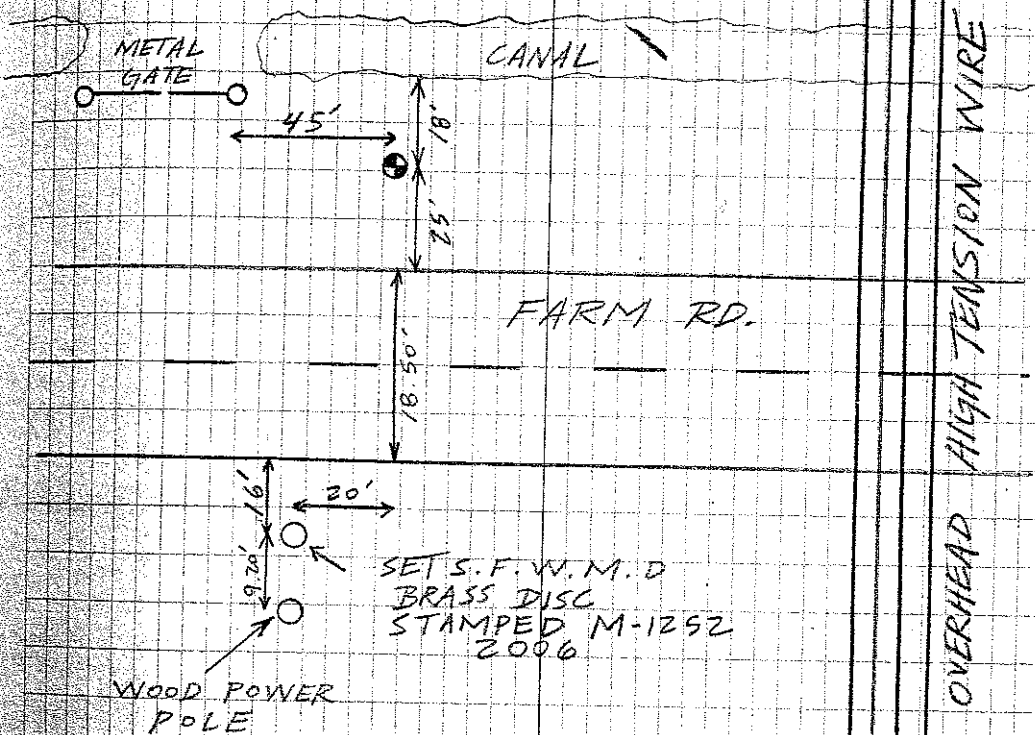
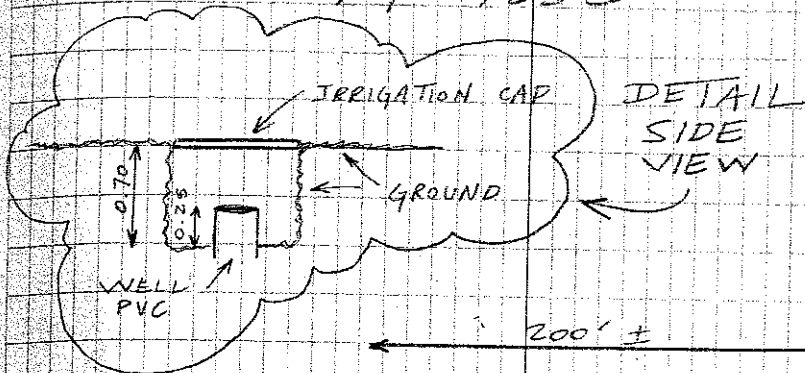
(SITE - K
DESCRIPTION)

DIRECTIONS - IN INDIANTOWN FROM THE INTERSECTION OF MARTIN LUTHER KING BLVD AND SR-710 TRAVEL SOUTH FOR 0.7 MILES TO THE INTERSECTION OF "MLK" BLVD AND SILVER FOX LANE. TURN RIGHT AND TRAVEL WEST FOR 1.7 MILES TO THE FORK IN THE ROAD OF SILVER FOX AND FARM RD. TURN LEFT AND TRAVEL WEST ON FARM RD. FOR 2.3 MILES TO THE WELL ON YOUR RIGHT ON THE NORTHERN ROADSIDE EASEMENT 20' FROM N. EOP.



2564/08

SKETCH OF WELL SITE
M-1252



SAME
CREW

#03-77616
S.F.W.M.D

1/3/06

"SITE - L"

(ESTABLISH ELEV.
ON WELL SITE
M-1085)

STA	BS	MEAN	HI	FS	MEAN ELEV	ELEV	BM
-----	----	------	----	----	-----------	------	----

	6.950						
BM	5.560	5.560	36.640	✓		31.080	✓
	4.170						

				5.050			
TP#1				3.625	3.625	33.015	✓
				2.200			

	6.090						
SHAKE	4.165	4.165	37.180	✓			
	2.240						

				11.160			
TP#2				9.320	9.320	27.860	✓
				7.480			

	5.680						
SHAKE	3.640	3.640	31.500	✓			
	1.600						

				8.350			
TP#3				6.220	6.220	25.280	✓
				4.090			

	6.335						
SHAKE	4.285	4.285	29.565	✓			
	2.235						

				6.040			
TP#4				3.930	3.930	25.635	✓
				1.820			

2564/09

DESC

NGS # AJ824Z (F522) NAVD 98
FLANGE ENCASED ROD
STAMPED F 522 2001 CERP

CUT NL

CUT NL

60 D SPIKE

60 D SPIKE

60 D SPIKE

60 D SPIKE

60 D SPIKE

SAME
CREW#03-77616
S.F.V.M.D.

1/3/06

"SITE - L"

(ELEV. CONT)

BM

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	DESC
	6.650							
SHAKE	4.665	4.665	30.300	✓				60 D SPIKE
	2.680							
TP#5				7.820				
				5.715	5.715	24.585	✓	60 D SPIKE
				3.610				
	7.010							
SHAKE	5.010	5.010	29.595	✓				60 D SPIKE
	3.010							
TP#6				7.390				
				5.170	5.170	24.425	✓	60 D SPIKE
				2.950				
	7.450							
SHAKE	5.590	5.590	30.015	✓				60 D SPIKE
	3.730							
TP#7				6.820				
				4.740	4.740	25.275	✓	60 D SPIKE
				2.660				
	6.020							
SHAKE	3.875	3.875	29.150	✓				60 D SPIKE
	1.730							
TP#8				7.510				
				5.370	5.370	23.780	✓	60 D SPIKE
				3.230				
	7.830							
SHAKE	6.150	6.150	29.930	✓				60 D SPIKE
	4.470							

S.A. REDERO
C.B. SALAZAR
A. FERNANDEZ
1/14/06

#03-77616
S.F.W.M.D
"SITE - L"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN ELEV	ELEV	DESC
WELL M-1085				6.840 5.195 3.550	5.195	24.735	TOP OF PIPE "STEEL" M-1085
SHAKE	7.080 5.435 3.790	5.435	30.170	✓			"
DISC M-1085				6.680 5.035 3.390	5.035	25.135	SET S.F.W.M.D DISC STAMPED M-1085 2006
SHAKE	5.935 4.295 2.655	4.295	29.430	✓			"
STP# 9				7.330 5.645 3.960	5.645	23.785	60 D SPIKE
SHAKE	7.010 4.870 2.730	4.870	28.655	✓			60 D SPIKE
STP# 10				5.520 3.386 1.240	3.386	25.275	60 D SPIKE
SHAKE	6.380 4.300 2.220	4.300	29.575	✓			60 D SPIKE
STP# 11				7.020 5.160 3.300	5.160	24.415	60 D SPIKE

S SAME

#03-77616

C CREW

S.F.W.M.D

1/4/06

"SITE - L"

(ELEV. CONT)

S	STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	DESC
		7.060							
S	SHAKE	4.840	4.840	29.255	✓				60 D SPIKE
		2.620							
						6.670			
7	TP#12				✓	4.670	4.670	24.585	60 D SPIKE
						2.670			
		7.220							
S	SHAKE	5.120	5.120	29.705	✓				60 D SPIKE
		3.020							
						6.050			
7	TP#13				✓	4.060	4.060	25.645	60 D SPIKE
						2.070			
		5.530							
S	SHAKE	3.430	3.430	29.075	✓				60 D SPIKE
		1.330							
						5.830			
7	TP#14				✓	3.790	3.790	25.285	60 D SPIKE
						1.750			
		7.720							
S	SHAKE	5.590	5.590	30.875	✓				60 D SPIKE
		3.460							
						5.550			
7	TP#15				✓	3.010	3.010	27.865	60 D SPIKE
						0.470			
		11.640							
S	SHAKE	9.685	9.685	37.550	✓				60 D SPIKE
		7.130							

SAME

#03-77616

CREVY

S.F.W.M.D.

1/4/06

"SITE-L"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM	DESC
				6.590				
S/ TP#16				4.990	4.990	32.560	✓	CUT NL
				3.390				
	4.975							
T/ SHAKE	3.425	3.425	35.985	✓				CUT NL
	1.875							
				4.910				
S/ TP#17				3.460	3.460	32.525	✓	CUT NL
				2.010				
	5.550							
T/ SHAKE	4.230	4.230	36.755	✓				CUT NL
	2.910							
				5.060				
S/ TP#18				3.690	3.690	33.065	✓	CUT NL
				2.320				
	4.450							
T/ SHAKE	3.030	3.030	36.095	✓				CUT NL
	1.610							
				6.050				
S/ TP#19				4.540	4.540	31.555	✓	CUT NL
				3.030				
	5.095							
T/ SHAKE	3.875	3.875	35.430	✓				CUT NL
	2.655							
				5.740				
S/ TP#20				4.120	4.120	31.310	✓	CUT NL
				2.500				

SAME
CREW

#03-77616
S.F.W.M.D

1/4/06

"SITE-L"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	DESC
S SHAKE	5.550 4.200 2.850	4.200	35.510	✓				CUT NL
T TP# 21				5.840 4.355 2.870	4.355	31.155	✓	CUT NL
S SHAKE	5.250 4.010 2.770	4.010	35.165	✓				CUT NL
T TP# 22				5.555 4.035 2.515	4.035	31.130	✓	CUT NL
S SHAKE	4.550 3.940 3.330	3.940	35.070	✓				CUT NL
T BM				6.775 6.080 5.385	6.080	28.990	29.010 ✓ ✓	NGS # AJ 0241 (E522) NAVD 88 BRASS D. IN CONC MON. STAMPED E522 2001 CERP
							ERR=0.020	

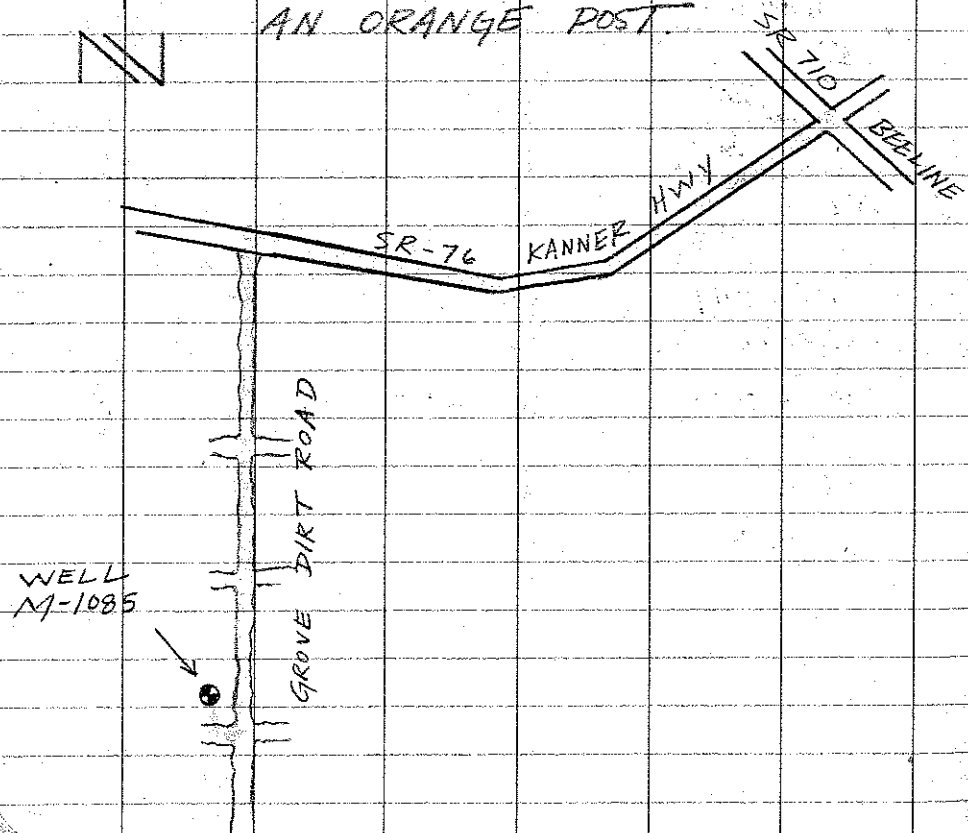
SAME
CREW

#03-77616
S.F.W.M.D

1/4/06

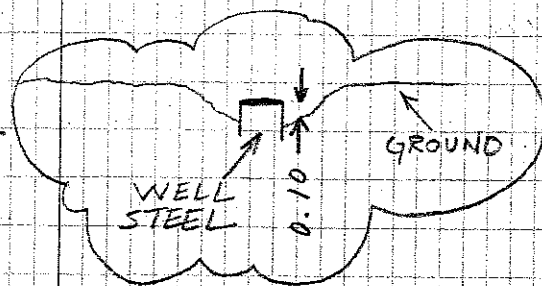
(SITE - L
DESCRIPTION)

DIRECTIONS - FROM THE INTERSECTION OF
SR-710 AND SR-76 TRAVEL
WEST ON SR-76 FOR 1.3 MILES
TO THE ENTRANCE OF CONSOLIDATED
CITRUS GROUP GROVE. TURN LEFT
AND TRAVEL SOUTH ON THE DIRT
RD, THROUGH THE GROVE FOR
1.1 MILES ON THE EAST SIDE
OF THE IRRIGATION DITCH. THE
WELL IS ON THE WEST SIDE
OF THE DITCH AT THE BASE OF
AN ORANGE POST

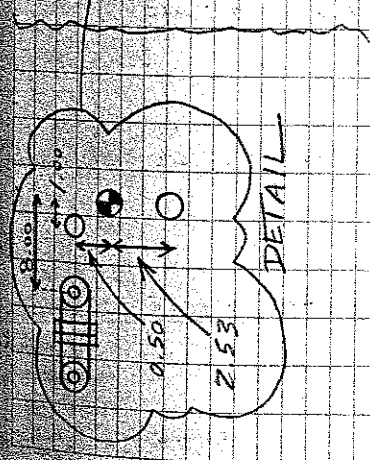
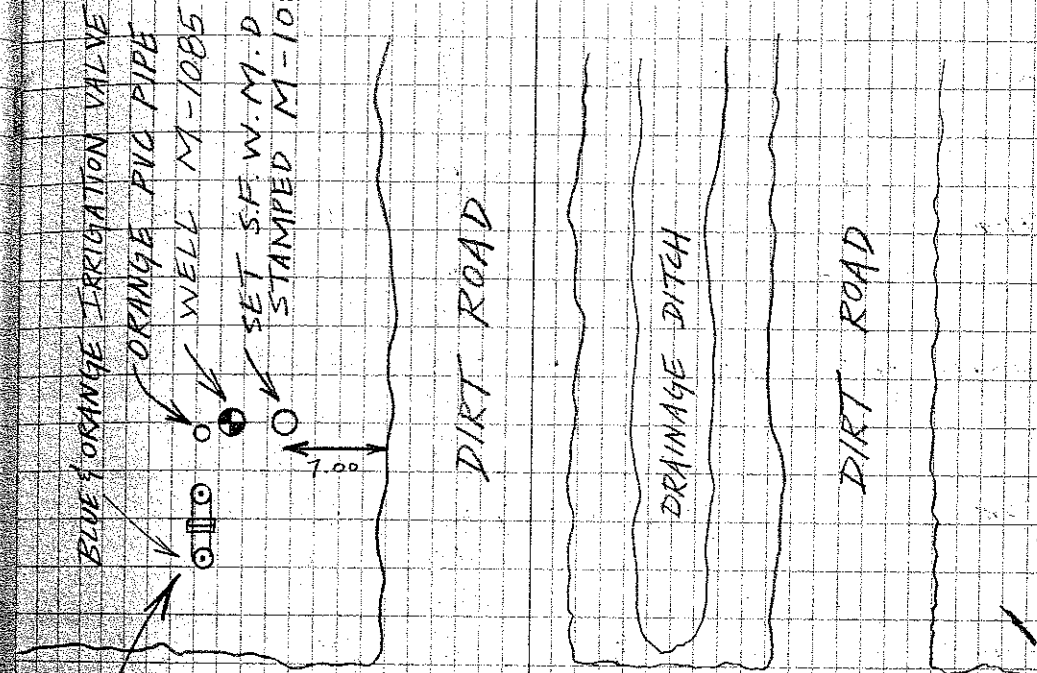


2564/15
SKETCH OF WELL SITE M-1085

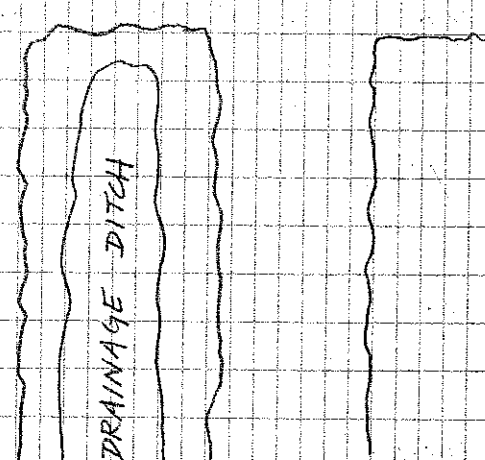
SIDE
VIEW
DETAIL



BLUE ORANGE IRRIGATION VALVE
ORANGE RIG PIPE
WELL M-1085
SET S.F.W.M.D DISC
STAMPED M-1085 2006



DIRT ROAD



A. PEDERO
T. LOPEZ
A. SANTANA

#03-77616
S.F.W.M.D.

"SITE-M"

1/5/06

(ESTABLISH
ELEV ON WELLS
M-1244 M-1245)

STA	BS	MEAN HI	FS	MEAN ELEV	ELEV	DESC
BM	6.920 4.910 3.000	4.910	29.78	✓	24.87	NGS# AJ8247 (M522) NAVD 83 FLANGE ENCASED ROD STAMPED M522 2001 CERP
TP#1			5.060 2.985 0.910	2.985	26.795	✓ CUT NL & TT
SHAKE	6.700 4.400 2.100	4.400	31.195	✓		CUT NL & TT
TP#2			6.830 4.630 2.430	4.630	26.565	✓ CUT NL & TT
SHAKE	6.880 4.855 2.830	4.855	31.420	✓		CUT NL & TT
TP#3			6.270 4.325 2.380	4.325	27.095	✓ CUT NL & TT
SHAKE	6.510 4.675 2.840	4.675	31.770	✓		CUT NL & TT
TP#4			6.400 4.650 2.900	4.650	27.120	✓ CUT NL & TT
SHAKE	7.380 4.600 1.820	4.600	31.72	✓		CUT NL & TT

SAME
CREW

#03-77616
S.F.W.M.D

1/5/06

"SITE-M"
(ELEV. CONT)

BM

STA	BS	MEAN	HI	FS	MEAN ELEV	ELEV	DESC
TP#5				7.380 4.980 2.580	4.980	26.740	CUT NL & TT
SHAKE	9.240 6.610 3.990	6.615	33.355	2.110			CUT NL & TT
TP#6				1.100 0.09	1.100	32.255	80 D SPK
SHAKE	8.680 8.000 7.320	8.000	40.255	11.780			80 D SPK
TP#7				9.950 8.120	9.950	30.305	CUT NL & TT
SHAKE	7.140 5.040 2.940	5.040	35.345	4.300			CUT NL & TT
TP#8				2.280 0.260	2.280	33.065	CUT NL & TT
SHAKE	7.580 5.875 4.170	5.875	38.940	6.670			CUT NL & TT
TP#9				5.090 3.510	5.090	33.850	CUT NL & TT

SAME
CREW

#03-77616
S.F.W.M.D.

1/5/06

"SITE-M"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV
	6.850						
SHAKE	5.305	5.305	39.155	✓			
	3.760						
				5.150			
TBM#1				4.970	4.970	34.185	✓
				4.790			
	4.940						
SHAKE	4.760	4.760	38.945	✓			
	4.580						
				4.885			
TBM#2				4.720	4.720	34.225	✓
				4.555			
	5.700						
SHAKE	5.185	5.185	39.410	✓			
	4.670						
				6.760			
TP#10				5.570	5.570	33.840	✓
				4.380			
	6.340						
SHAKE	4.770	4.770	38.610	✓			
	3.200						
				7.250			
TP#11				5.555	5.555	33.055	✓
				3.860			
	4.210						
SHAKE	2.190	2.190	35.245	✓			
	0.170						

DESC

CUT NL & TT

SET MAG NL & W IN FRONT OF WELL
M-1244 IN ASPH.

" "

SET MAG NL & W IN FRONT OF WELL
M-1245 IN ASPH.

" "

CUT NL & TT

CUT NL & TT

CUT NL & TT

CUT NL & TT

SAME
CREW #03-77616
S.F.W.M.D

1/5/06 "SITE - M"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV
TP#12				7.040 4.955 2.870	4.955	30.29	✓
SHAKE	10.670 8.770 6.870	8.770	39.060	✓			
TP#13				7.425 6.815 6.205	6.815	32.245	✓
SHAKE	2.250 1.230 0.210	1.230	33.475	✓			
TP#14				8.410 6.490 4.570	6.490	26.985	✓
SHAKE	5.960 4.535 3.110	4.535	31.520	✓			
TP#15				5.750 4.320 2.890	4.320	27.200	✓
SHAKE	5.420 4.615 3.810	4.615	31.815	✓			
BM				6.860 5.830 4.800	5.830	25.985	25.960 ✓ ERR = 0.025

DESC
CUT NL & TT

CUT NL & TT

80 D SPIKE

80 D SPIKE

CUT NL

CUT NL

CUT NL

CUT NL

NGS # AJ8296 (L522) NAVD 88
BRASS I IN CONC MON
STAMPED L522 2001 CERP

SAME
CREW

#03-77616
S.F.W.M.D

1/5/06

"SITE-M"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN ELEV.	ELEV	BM
	4.320						
TBM#1	4.065	4.065	38.250	↓		34.185	
	3.810						
WELL M-1244				6.300			
				5.940	5.940	32.310	✓
				5.580			
SHAKE	5.920						
	5.555	5.555	37.865	↓			
	5.190						
WELL M-1245				4.820			
				4.485	4.485	33.385	✓
				4.150			
SHAKE	5.280						
	4.950	4.950	38.330	↓			
	4.620						
DISC M-1244				4.980			
				4.675	4.675	33.655	✓
				4.370			
SHAKE	4.560						
	4.255	4.255	37.910	✓			
	3.950						
TBM#2				3.905			
				3.685	3.685	34.225	34.225
				3.465			
						ERR = 0.000	

DESC

MAG NL § W

TOP OF PIPE WELL M-1244 "PVC"

"

TOP OF PIPE WELL M-1245 "PVC"

"

SET S.F.W.M.D DISC STAMPED M-1244 2006

"

MAG NL § W

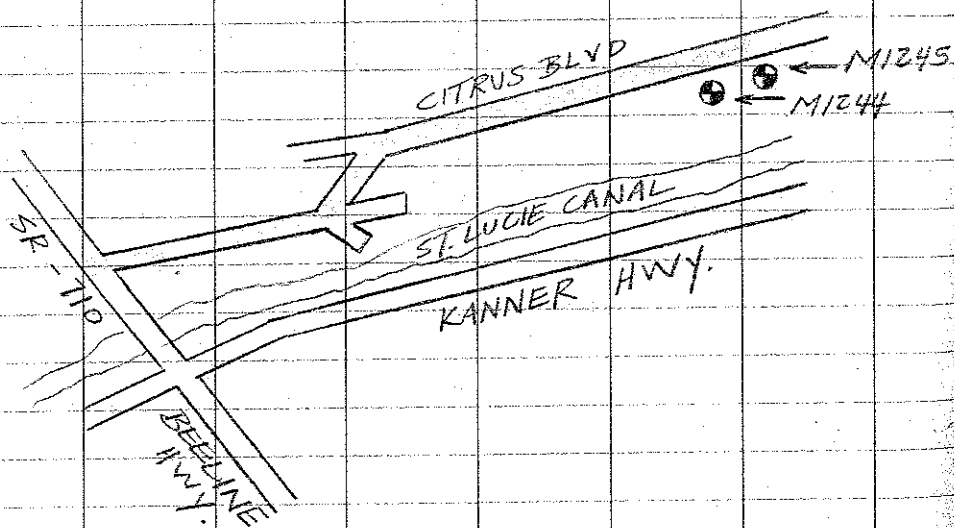
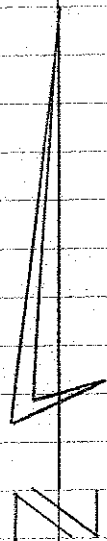
SAME
CREW

#03-77616
S.F.W.M.D.

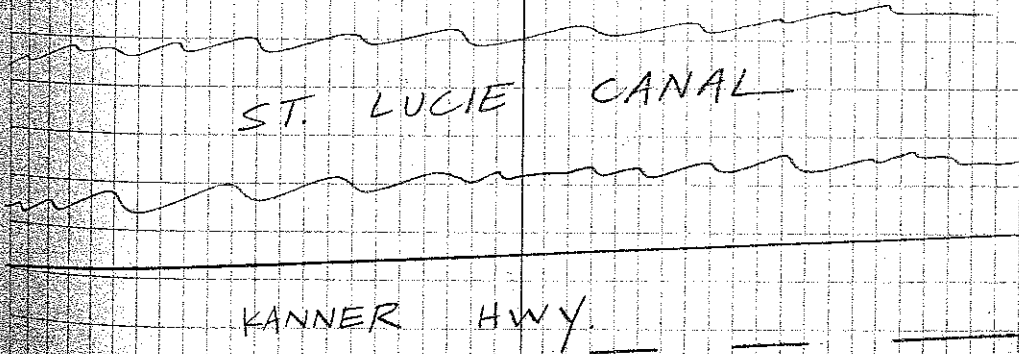
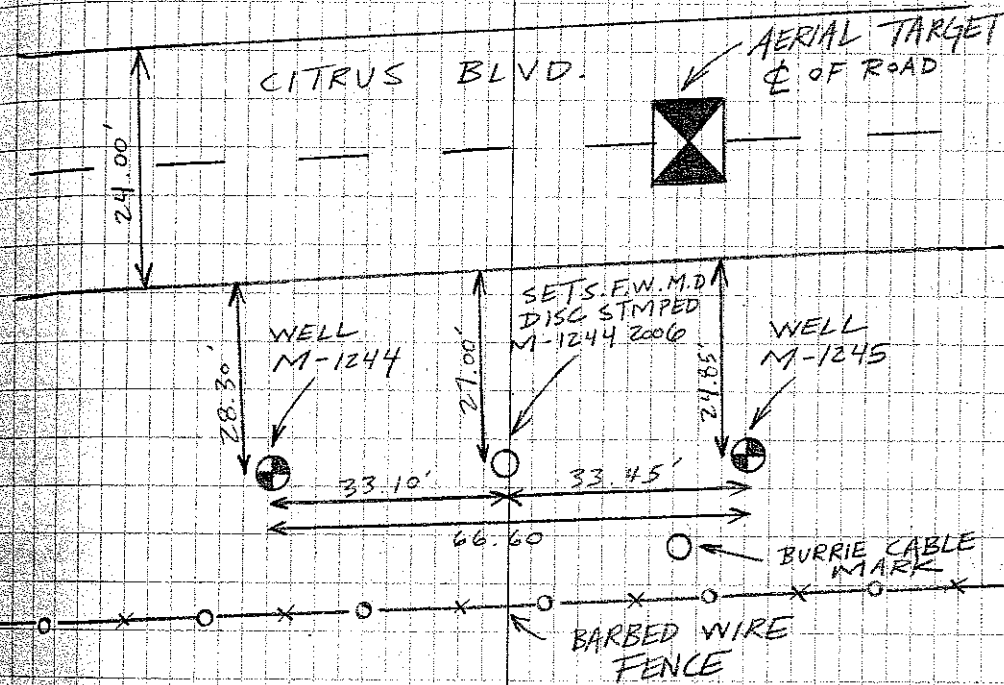
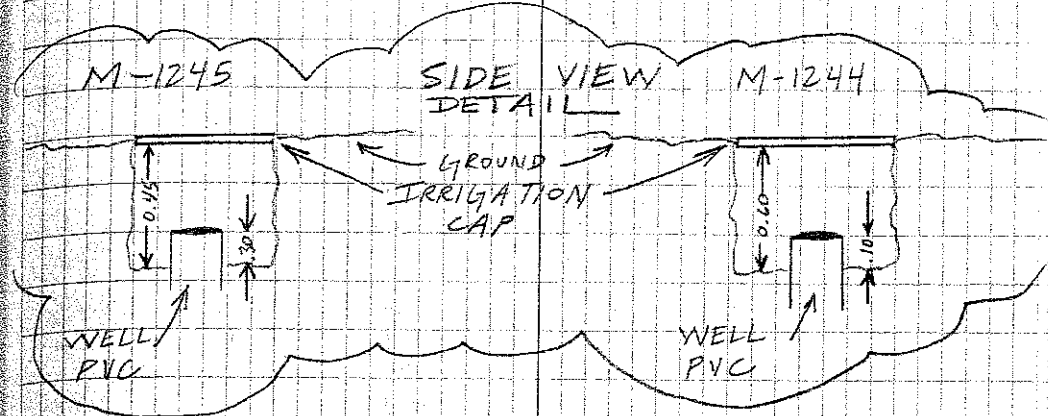
1/5/06

(SITE-M
DESCRIPTION)

DIRECTIONS - BY INDIANTOWN FROM THE
INTERSECTION OF SR-710
AND CITRUS BLVD SR-726
TRAVEL EAST ON CITRUS
BLVD FOR 4 MILES. THE
WELLS ARE ON THE RIGHT SIDE
THE SOUTHERN ROADSIDE
EASEMENT ALONG FENCE
LINE ABOUT 0.3 MILES EAST
OF DRAINAGE CANAL BRIDGE.



SKETCH OF WELL SITE M-1244, M-1245



SAME
CREW

#03-77616
S.F.W.M.D.

1/5/06

"SITE-N"

(ESTABLISH ELEV
ON WELL SITE
M-1236, M-1273)

STA	BS	MEAN	HI	FS	MEAN ELEV.	ELEV	DESC
	6.810						
BM	5.425	5.425	29.305	✓		23.88	NGS# AJ5250 (GCY DOB) NAVD 88 BRASS D. IN CONC. MON. STAMPED GCY DOB 2001
	4.040						
TP#1				7.450			
				5.480	5.480	23.825	✓ CUT NL
				3.510			
SHAKE	6.630						
	4.620	4.620	28.445	✓			CUT NL
	2.610						
TP#2				6.940			
				4.850	4.850	23.595	✓ CUT NL
				2.760			
SHAKE	7.200						
	5.000	5.000	28.595	✓			CUT NL
	2.800						
TP#3				8.640			
				6.550	6.550	22.045	✓ CUT NL
				4.460			
SHAKE	7.310						
	5.350	5.350	27.395	✓			CUT NL
	3.390						
TP#4				4.980			
				3.280	3.280	24.115	✓ CUT NL
				1.580			
SHAKE	7.720						
	5.580	5.580	29.695	✓			CUT NL
	3.440						

SAME
CREW

#03-77616
S.F.W.M.D

1/5/06

" SITE - N "

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV.	BM ELEV.	DESC
TP#5				7.020 4.965 2.910	4.965	24.730	✓	CUT NL
SHAKE	6.590 4.995 3.400	4.995	29.725	✓				CUT NL
TP#6				6.750 4.920 3.090	4.920	24.805	✓	CUT NL
SHAKE	6.530 4.920 3.310	4.920	29.725	✓				CUT NL
TBM#1				6.930 5.080 3.230	5.080	24.645	✓	MAG NL & TT
SHAKE	6.575 4.725 2.875	4.725	29.370	✓				MAG NL & TT
TBM#2				6.320 4.810 3.300	4.810	24.560	✓	MAG NL & TT
SHAKE	6.750 5.240 3.730	5.240	29.800	✓				MAG NL & TT
TP#7				6.610 5.000 3.390	5.000	24.800	✓	CUT NL

SAME
CREW

#03-77616
S.F.W.M.D

1/5/06

"SITE - N"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.680							
SHAKE	4.845	4.845	29.645	✓				CUT NL
	3.010							
TP#8				6.510				
				4.920	4.920	24.725	✓	CUT NL
				3.330				
SHAKE	6.420							
	4.810	4.810	29.535	✓				CUT NL
	3.200							
TP#9				8.020				
				5.430	5.430	24.105	✓	CUT NL
				2.840				
SHAKE	4.840							
	2.920	2.920	27.025	✓				CUT NL
	1.000							
TP#10				6.710				
				4.970	4.970	22.055	✓	CUT NL
				3.230				
SHAKE	8.410							
	6.430	6.430	28.485	✓				CUT NL
	4.450							
TP#11				7.200				
				4.880	4.880	23.605	✓	CUT NL
				2.560				
SHAKE	6.375							
	4.415	4.415	28.020	✓				CUT NL
	2.455							

SAME
CREW

#03-77616
S.F.W.M.D.

1/5/06

"SITE - N"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN ELEV.	BM ELEV	DESC
				6.330			
TP#12				4.190 2.050	4.190	23.830	✓ CUT NL
	6.970						
SHAKE	5.330 3.690	5.330	29.160	✓			CUT NL
				6.890			
TP#13				5.080 3.270	5.080	24.080	✓ CUT NL
	7.150						
SHAKE	5.290 3.430	5.290	29.370	✓			CUT NL
				6.650			
TP#14				4.530 2.410	4.530	24.840	✓ CUT NL
	7.180						
SHAKE	4.760 2.340	4.760	29.600	✓			CUT NL
				6.880			
TP#15				4.605 2.330	4.605	24.995	✓ CUT NL
	6.190						
SHAKE	4.100 2.010	4.100	29.095	✓			CUT NL

SAME
CREW

#03-77616
S.F.V.M.D

1/5/06

"SITE - N"

(ELEV CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	EM ELEV
				6.550			
TP#16				4.570	4.570	24.525	✓
				2.590			
	6.255						
SHAKE	4.535	4.535	29.060				✓
	2.815						
				7.175			
BM				6.565	6.565	22.495	22.48 ✓
				5.955			
						ERR=0.015	✓

DESC
CUT NL

CUT NL

NGS # AJ 5627 (X 516) NAVD 88
BRASS I.D. IN CONC. MON.
STAMPED X 516 2001

SAME
CREW

#03-77616
S.F.W.M.D

1/5/06

"SITE-N"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV.	ELEV.	DESC.
	5.500							
TBM#1	5.385	5.385	30.030	✓			24.645	MAG NL § W
	5.270							
WELL M-1236				6.930				
				6.625	6.625	23.405	✓	TOP OF PIPE M-1236 "PVC"
				6.320				
SHAKE	7.360			✓				" "
	7.075	7.075	30.480					
	6.790							
WELL M-1273				7.290				
				7.000	7.000	23.480	✓	TOP OF PIPE M-1273 "PVC"
				6.710				
SHAKE	7.550			✓				" "
	7.260	7.260	30.740					
	6.970							
DISC M-1236				7.510			✓	
				7.230	7.230	23.510	✓	SET S.F.W.M.D DISC STAMPED M-1236 2006
				6.950				
SHAKE	6.960			✓				" "
	6.670	6.670	30.180					
	6.380							
TBM# Z				5.965			✓	
				5.615	5.615	24.565	24.565	MAG NL § W
				5.265				

ERR = 0.005

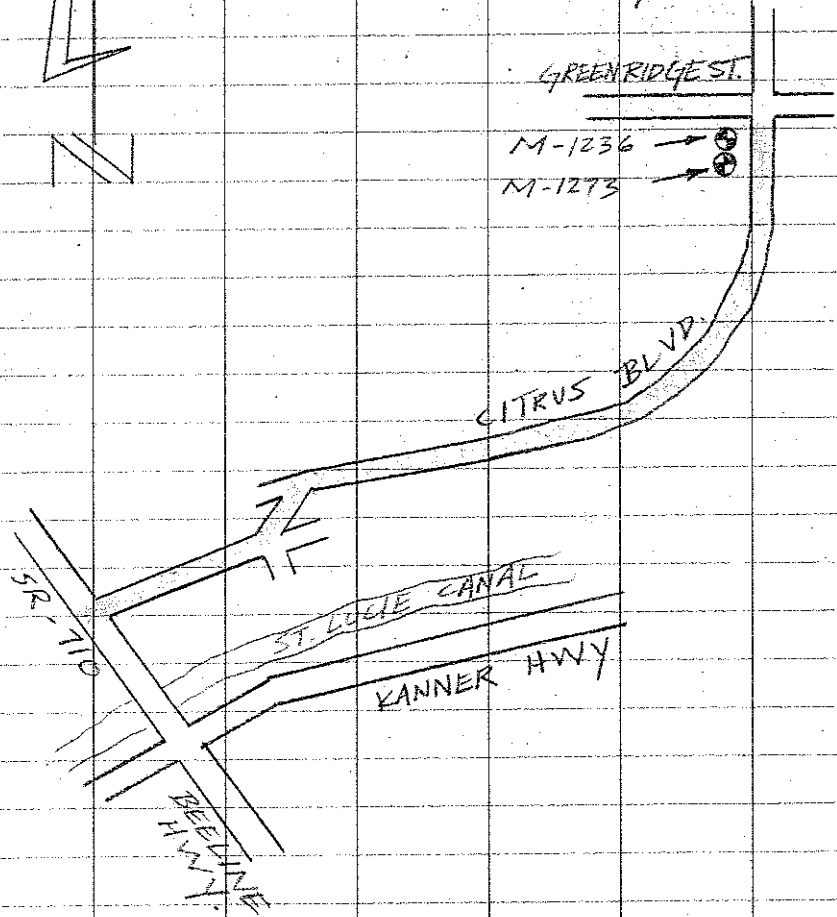
SAME
CREW

#03-77616
S.F.W.M.D.

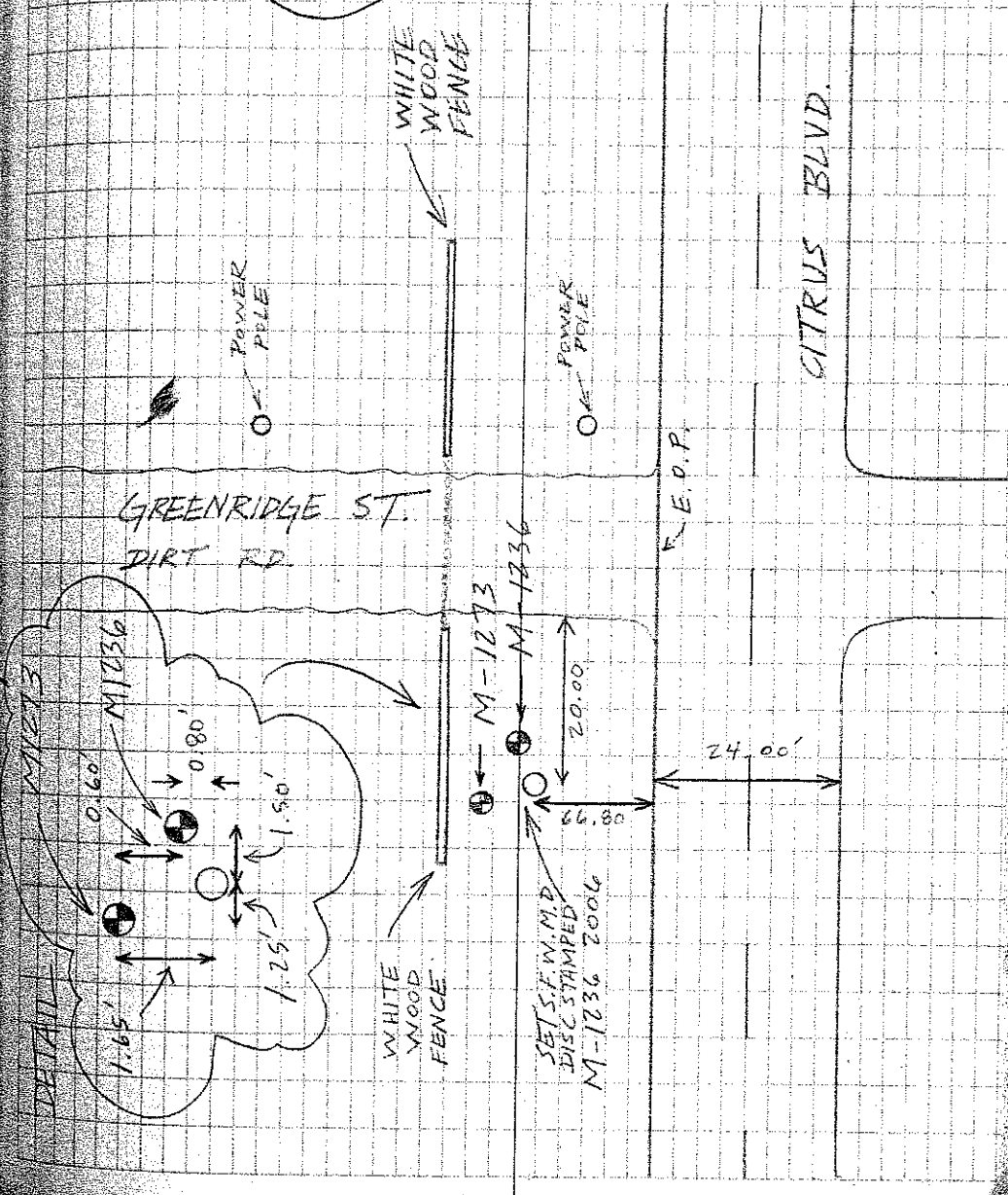
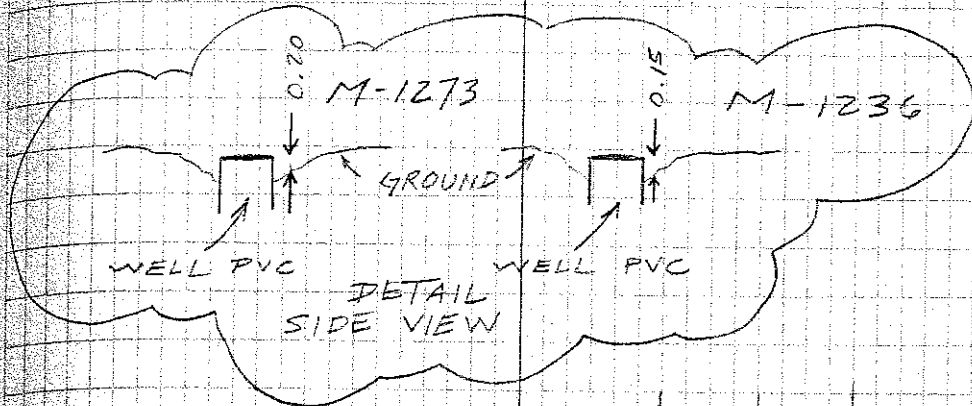
1/5/06

(SITE - N
DESCRIPTION)

DIRECTIONS - BY INDIANTOWN FROM THE
INTERSECTION SR-710 AND
CITRUS BLVD. SR-726 TRAVEL
EAST AND THEN NORTH ON
CITRUS BLVD. FOR 9.9 MILES
TO GREENRIDGE ST. THE WELLS
ARE ON THE LEFT IN THE
SOUTHWEST CORNER OF THE
INTERSECTION ALONG WHITE FENCE.



2564 / 23
SKETCH OF WELL SITE M-1273, M1236



A. REDERO
T. LOPEZ
F. NAYLOR

#03-77616
S.F.W.M.D

" SITE - 0 "

1/11/06

(ESTABLISH
ELEV ON WELL
M-1274)

STA	BS	MEAN	HI	FS	MEAN ELEV	BM ELEV
	8.640					
BM	7.180	7.180	28.480	✓		21.30
	5.720					
DISC M-1274				10.050		
				7.910	7.910	20.570 ✓
				5.770		
	9.420					
SHAKE	7.580	7.580	28.150	✓		
	5.740					
WELL M-1274				8.420		
				7.110	7.110	21.040 ✓
				5.800		
	8.260					
SHAKE	7.025	7.025	28.065	✓		
	5.790					
TP #1				2.890		
				1.680	1.680	26.385 ✓
				0.470		
	12.590					
SHAKE	11.725	11.725	38.110	✓		
	10.860					
TP #2				1.285		
				0.755	0.755	37.355 ✓
				0.225		

DESC

NGS # AJ5629 (2516) N
BRASS I. IN CONC. MON.
STAMPED 2516 2001

SET S.F.W.M.D DISC STAMPED M-1274 2006

"

"

TOP OF PIPE WELL M-1274 (PVC)

"

"

CUT NL

CUT NL

CUT NL

SAME
CREW

#03-77616
S.F.V.M.D

1/11/06

"SITE - 0"

(ELEV. CONT.)

STA	BS	MEAN	HI	FS	MEAN ELEV	BM ELEV
	12.480					
SHAKE	11.710	11.710	49.065	✓		
	10.940					
TP#3				2.790		
				2.180	2.180	46.885 ✓
				1.570		
	7.120					
SHAKE	6.860	6.860	53.745	✓		
	6.600					
				1.910		
BM				1.570	1.570	52.175 ✓
				1.230		52.19 ✓

ERR = 0.015V

DESC

CUT NL

CUT NL

CUT NL

NGS # AC5386 (I-95 H 16) NAVD 88
BRASS D. STAMPED BM I-95 H 16
FDOT IN CONC GUARDRAIL OF
BRIDGE

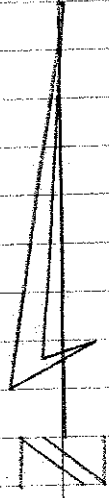
SAME
CREW

1/11/06

#03-77616
S.F.W.M.D

(SITE - 0
DESCRIPTION)

DIRECTIONS - FROM THE INTERSECTION OF
SR-714 MARTIN HWY AND
SR-76A CITRUS BLVD. TRAVEL SOUTH
ON CITRUS BLVD. FOR 2.6 MILES
TO THE WELL (JUST PASS
THE I-95 OVERPASS) ON THE
LEFT SIDE OF THE
RD. NEXT TO THE DRIVEWAY
FOR HOUSE # 6807.



SR-714 MARTIN HWY.

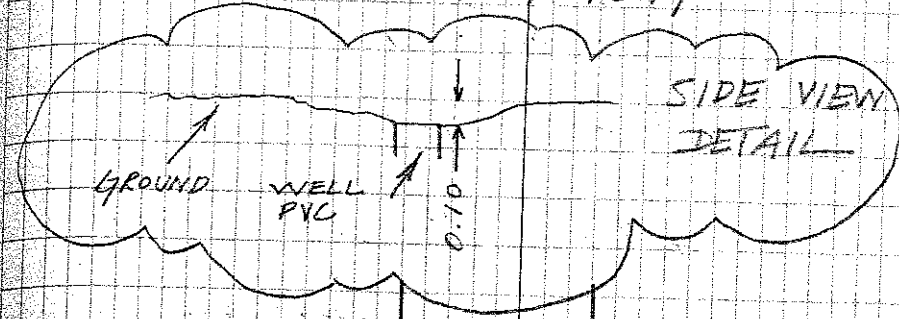
I-95

CITRUS BLVD. SR-76A

WELL
M-1274



2564 / 31
SKETCH OF WELL SITE M-1274



SIDE VIEW
DETAIL

I-95

CITRUS BLVD.

P.P.

4' HOLY
WIRE
FENCE

SET S.F.W.M.D DISC
STAMPED M-1274
2006

P.P.

4.35'

DRAINAGE DITCH

22.40'

115.40'

34.50'

DRAINAGE DITCH

4' CLF

WELL
M-1274

DIRT DWY
WIDENING

DRIVEWAY

5' W.B.F.

DITCH

SAME
CREW

#03-77616
S.F.W.M.D

1/11/06

"SITE - P"

(ESTABLISH
ELEV ON WELL
M-1037)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	BM
	8.920							
BM	7.980	7.980	36.550	✓			28.57	✓
	7.040							
TP#1				7.150				
				5.750	5.750	30.800		✓
				4.350				
	6.480							
SHAKE	4.920	4.920	35.720	✓				
	3.360							
				6.630				
TP#2				4.930	4.930	30.790		✓
				3.230				
	6.520							
SHAKE	4.170	4.170	34.960	✓				
	1.820							
				6.500				
TP#3				4.435	4.435	30.525		✓
				2.370				
	7.240							
SHAKE	5.080	5.080	35.605	✓				
	2.920							
				7.770				
TP#4				5.170	5.170	30.435		✓
				2.570				
	7.380							
SHAKE	4.970	4.970	35.405	✓				
	2.560							

DESC

NGS # AJ 8518 (P543) NAVD 88
FLANGE ENCASED ROD
STAMPED P543 2001 CERP

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

SAME
CREW

#03-77616
S.F.W.M.D

1/11/06

"SITE - P"
(ELEV. CONT)

STA	BS	MEAN HI	FS	MEAN ELEV	ELEV.	BM	DESC
DISC M-1037			8.910 7.370 5.830	7.370	28.540	✓	SET S.F.W.M.D DISC STAMPED M-1037 2006
SHAKE	6.440 5.285 4.130	5.285	33.825	✓			" "
WELL M-1037			6.030 4.640 3.250	4.640	29.185	✓	TOP OF PIPE WELL M-1037 "PVC"
SHAKE	7.320 5.525 3.730	5.525	34.710	✓			" "
TP#9			6.230 4.420 2.610	4.420	30.290	✓	CUT NL
SHAKE	6.540 4.740 2.940	4.74	35.030	✓			CUT NL
TP#10			6.690 4.635 2.580	4.635	30.395	✓	CUT NL
SHAKE	6.610 4.560 2.510	4.560	34.955	✓			CUT NL
TP#11			6.630 4.600 2.570	4.600	30.355	✓	CUT NL

SAME
CREW

#03 - 77616
S.F.V.M.D

1/11/06

" SITE - P "

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.555							
SHAKE	4.475 2.395	4.475	34.830	✓				CUT NL
				6.730				
TP#12				4.380 2.030	4.380	30.450	✓	CUT NL
	6.890							
SHAKE	4.780 2.670	4.780	35.230	✓				CUT NL
				7.200				
TP#13				4.785 2.370	4.785	30.445	✓	CUT NL
	7.655							
SHAKE	5.045 2.435	5.045	35.490	✓				CUT NL
				7.100				
TP#14				4.950 2.800	4.950	30.540	✓	CUT NL
	6.385							
SHAKE	4.315 2.245	4.315	34.855	✓				CUT NL
				6.400				
TP#15				4.050 1.700	4.050	30.805	✓	CUT NL
	6.690							
SHAKE	4.980 3.210	4.980	35.785	✓				CUT NL

A. REDERO
T. LOPEZ
A. FERNANDEZ

#03-77616
S.F.W.M.D.

"SITE - P"

1/12/06

(ELEV. CONT)

BM

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	DESC
				6.530				
TP#16				4.970	4.970	30.815	✓	CUT NL
				3.410				
	7.160							
SHAKE	5.770	5.770	36.585	✓				CUT NL
	4.380							
				5.810				
TP#17				3.780	3.780	32.805	✓	CUT NL
				1.750				
	8.260							
SHAKE	6.480	6.480	39.285	✓				CUT NL
	4.700							
				4.665				
TP#18				3.125	3.125	36.16	✓	CUT NL
				1.585				
	6.985							
SHAKE	5.245	5.245	41.405	✓				CUT NL
	3.505							
				8.710				
TP#19				7.070	7.070	34.335	✓	CUT NL
				5.430				
	16.440							
SHAKE	15.460	15.460	49.795	✓				CUT NL
	14.480							

SAME
CREW

#03-77616
S.F.W.M.D

"SITE-P"

(ELEV. CONT)

1/12/06

STA	BS	MEAN	HI	FS	MEAN ELEV	ELEV	BM
				3.520			
TA#20				2.400	2.400	47.395	✓
				1.280			
	15.960						
SHAKE	14.770	14.770	62.165				✓
	13.580						
				4.565			✓
BM				2.355	2.355	59.810	59.780
				0.145			
							ERR=0.030 ✓

DESC
CUT NL

CUT NL

I95 85 A06 RM1

NGS # AF7158. (A06) NAVD 88
FOOT BRASS D. IN CONC GUARDRAIL
STAMPED I-95 85 A06 RM 1

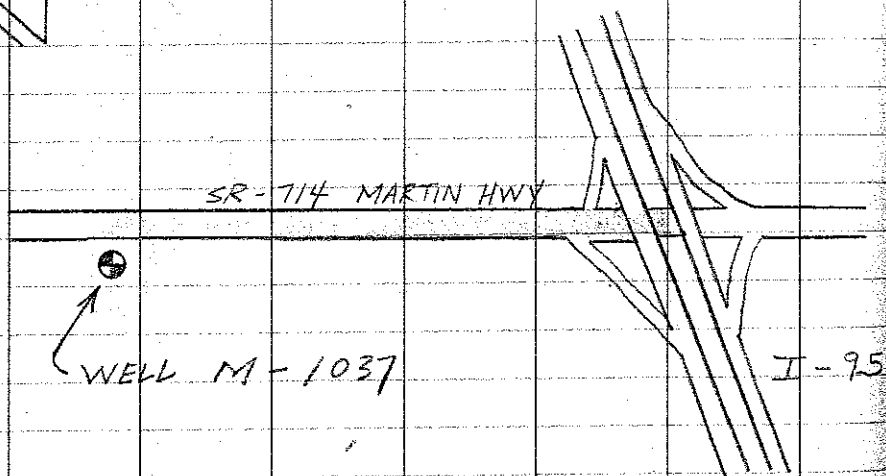
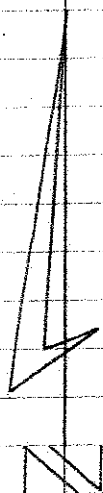
SAME
CREW

#03-77616
S.F.W.M.D

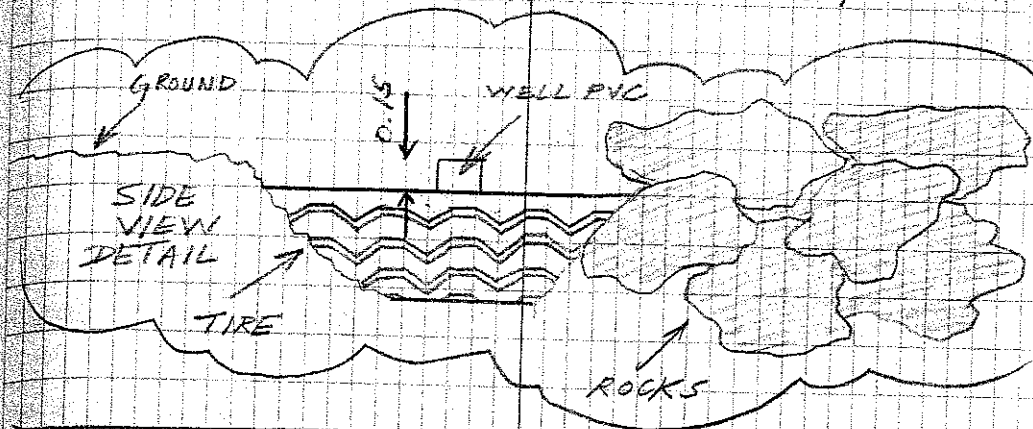
(SITE - P
DESCRIPTION)

1/12/06

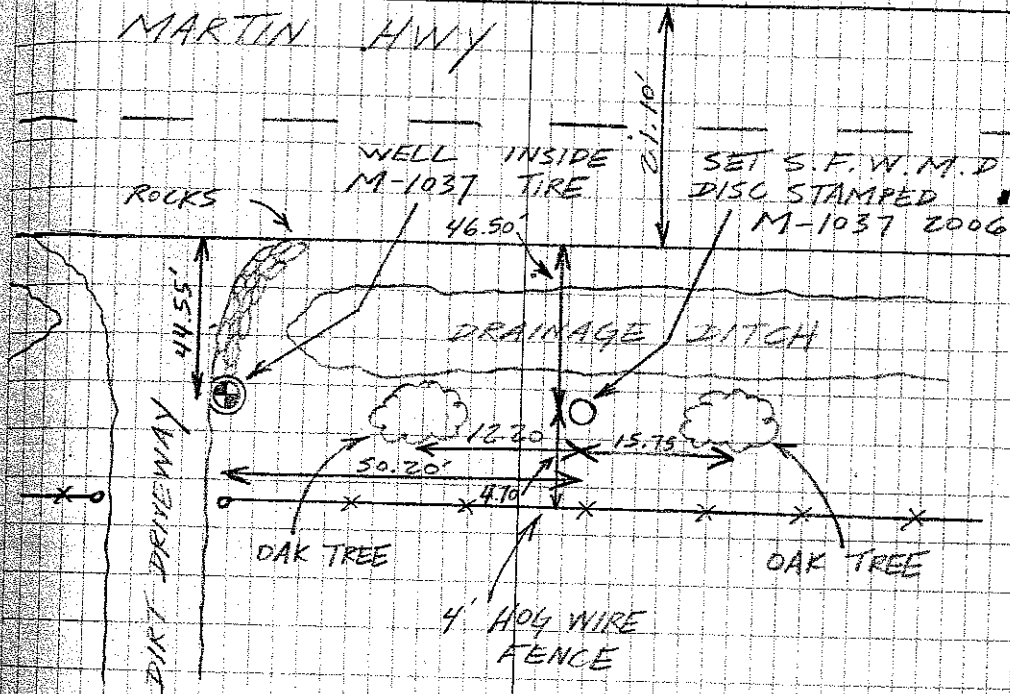
DIRECTIONS - FROM THE INTERSECTION OF
I-95 AND SR-714 MARTIN
HWY. TRAVEL WEST ON
SR-714 FOR 1.7 MILES.
TO THE WELL ON THE
LEFT SIDE OF THE RD.
NEXT TO THE DRIVEWAY
FOR HOUSE # 12100



2564/38
SKETCH FOR WELL SITE M-1037



MARTIN HWY



SAME
CREW

#03-77616
S.F.W.M.D

1/12/06

" SITE - Q "

(ESTABLISH
ELEV ON
WELL M-1248)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	BM
	3.560							
BM	3.060	3.060	46.440	✓			43.38	
	2.560							
TP#1				17.600				
				17.010	17.010	29.430	✓	
				16.420				
SHAKE	6.700							
	5.315	5.315	34.745	✓				
	3.930							
TP#2				6.700				
				5.240	5.240	29.505	✓	
				3.780				
SHAKE	6.500							
	4.975	4.975	34.480	✓				
	3.450							
TP#3				6.890				
				5.310	5.31	29.170	✓	
				3.730				
SHAKE	7.200							
	5.760	5.760	34.930	✓				
	4.320							
TP#4				6.640				
				5.120	5.120	29.810	✓	
				3.600				
SHAKE	6.210							
	4.575	4.575	34.385	✓				
	2.940							

I 95 85 ALL
NGS# AF7173 (ALL) NAVD 88
FDOT BRASS D. IN CONC MON.
STAMPED I 95 85 ALL

CUT NL

CUT NL

60 D SPIKE

60 D SPIKE

60 D SPIKE

60 D SPIKE

60 D SPIKE

60 D SPIKE

SAME CREW #03-77616 S.F.W.M.D.

1/12/06 " SITE - Q " (ELEV. CONT)

BM

STA BS MEAN HI FS MEAN ELEV ELEV DESC

TP# 5 6.500 4.970 4.970 29.415 ✓ 60 D SPIKE

SHAKE 5.685 5.685 35.100 ✓ 60 D SPIKE

DISC M-1248 5.640 4.930 4.930 30.170 ✓ SET S.F.W.M.D DISC STAMPED M-1248 2006

SHAKE 5.980 5.270 5.270 35.440 ✓ "

WELL M-1248 5.890 5.185 5.185 30.255 ✓ TOP OF PIPE WELL M-1248 (PVC)

SHAKE 5.590 4.880 4.880 35.135 ✓ "

TP# 6 6.540 5.720 5.720 29.415 ✓ 60 D SPIKE

SHAKE 6.530 4.920 4.920 34.335 ✓ 60 D SPIKE

TP# 7 6.160 4.525 4.525 29.810 ✓ 60 D SPIKE

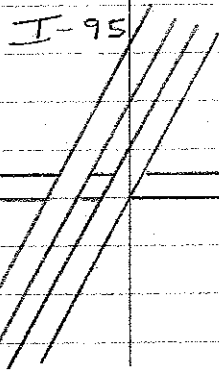
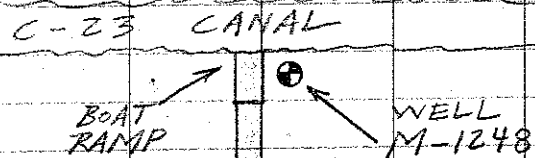
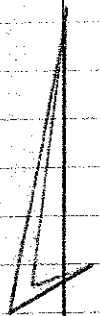
SAME
CREW

1/12/06

#03-77616
S.F.W.M.D

(SITE - Q
DESCRIPTION)

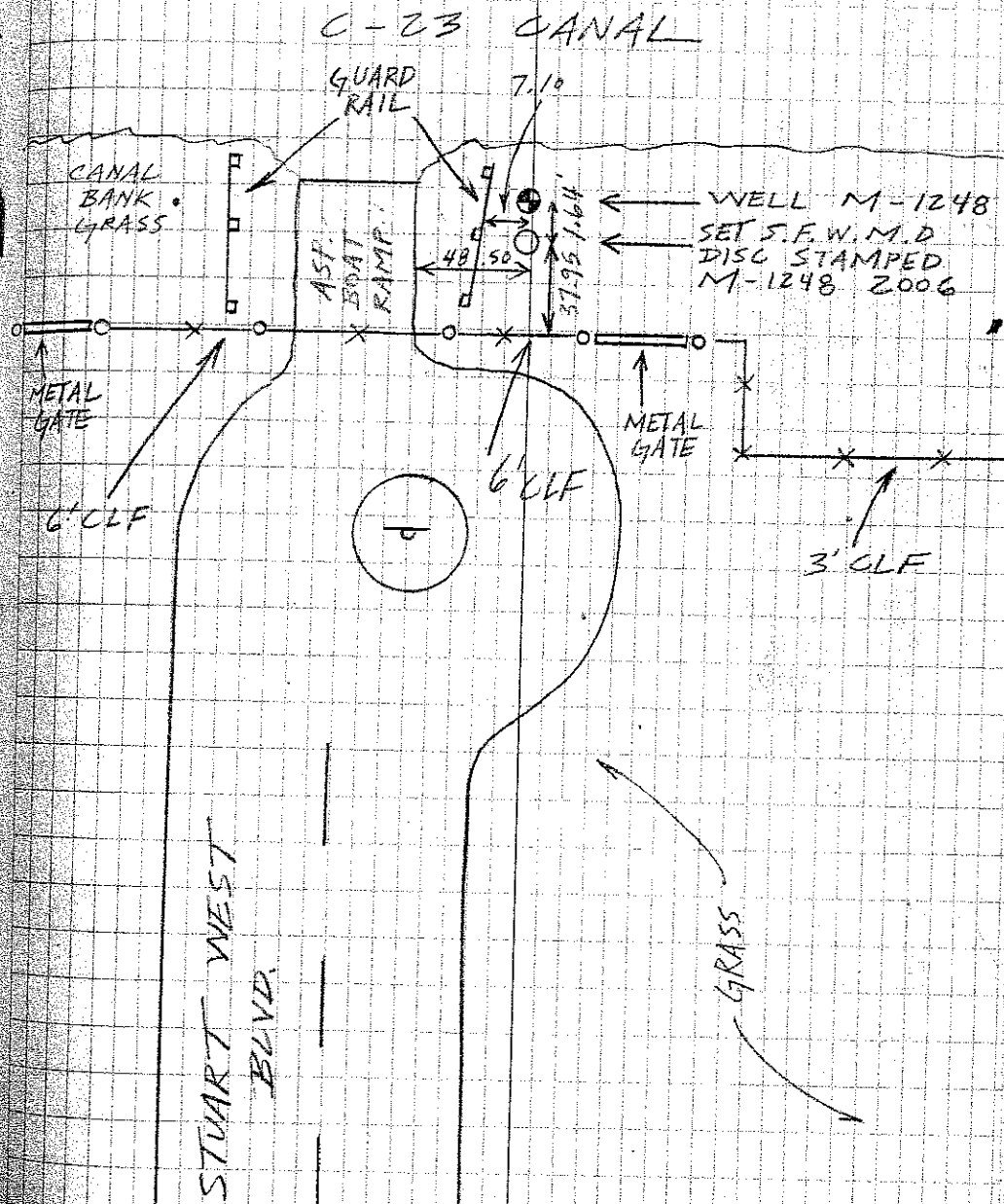
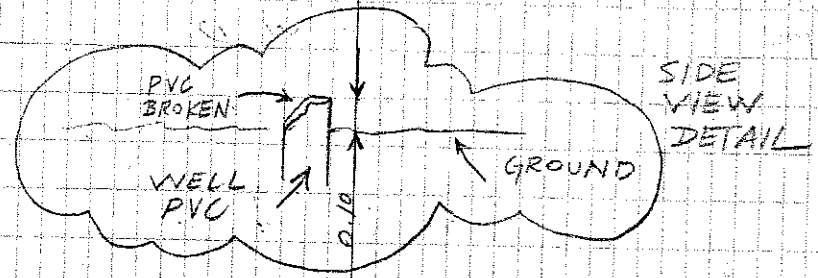
DIRECTIONS - FROM THE INTERSECTION OF
SR-714 MARTIN HWY AND
SR-76A CITRUS BLVD TRAVEL
WEST ON MARTIN HWY FOR
3.9 MILES TO THE ENTRANCE
OF COBBLESTONE. CHECK IN AT
SECURITY GATE AND FOLLOW
THE ROAD NORTH FOR 3.3 MILES
TO THE BOAT RAMP. THE WELL
IS EAST OF THE BOAT RAMP ON
THE OTHER SIDE OF THE FENCE.



MARTIN HWY SR-714

SR-76A

2564 / 42
SKETCH OF WELL SITE M-1248



A. REDERO
T. LOPEZ
A. FERNANDEZ

#03-77616
S.F.W.M.D

"SITE-R"

(ESTABLISH
ELEV ON WELL
M-1267)

1/13/06

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV
	4.490			✓			✓
BM	3.985	3.985	9.625				5.640
	3.480						
TP#1				7.210			
				5.170	5.170	4.455	✓
				3.130			
	6.850						
SHAKE	5.125	5.125	9.580	✓			
	3.400						
				7.830			
TP#2				5.940	5.940	3.640	✓
				4.050			
	6.550						
SHAKE	4.615	4.615	8.255	✓			
	2.680						
				6.080			
TP#3				4.350	4.350	3.905	✓
				2.640			
	7.225						
SHAKE	5.475	5.475	9.380	✓			
	3.725						
				9.110			
TP#4				7.090	7.090	2.290	✓
				5.070			
	8.410						
SHAKE	6.920	6.92	9.210	✓			
	5.430						

BM

DESC

NGS # A55614 (SLR 300) NAVD88
BRASS I. IN CONC OF FISHING PIER
STAMPED SLR 300 JAX 1992

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

SAME CREW #03-17616 S.F.V.M.D

1/13/06 "SITE - R" (ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV
TP# 5				7.350 5.380 3.410	5.380	3.830	✓
SHAKE	4.090 2.220 0.350	2.220	6.050 ✓				
TP# 6				4.860 2.870 0.880	2.870	3.180	✓
SHAKE	7.910 6.080 4.250	6.080	9.260 ✓				
TP# 7				7.460 5.785 4.110	5.785	3.475	✓
SHAKE	7.000 5.435 3.870	5.435	8.910 ✓				
TBM# 1				7.450 5.925 4.400	5.925	2.985	✓
SHAKE	7.740 6.560 5.380	6.560	9.545 ✓				
TBM# 2				7.9050 6.575 5.245	6.575	2.970	✓

DESC

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

MAG NL 1/2 TT

MAG NL 1/2 TT

MAG NL 1/2 TT

SAME #03-77616
 CREW S.F.W.M.D

1/13/06 "SITE-R"
 (ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV.	BM ELEV.
SHAKE	7.500 5.825 4.150	5.825	8.795	✓			
TP#8				6.890 5.320 3.750	5.320	3.475	✓
SHAKE	7.380 5.705 4.030	5.705	9.180	✓			
TP#9				7.830 6.000 4.170	6.000	3.180	✓
SHAKE	4.950 2.960 0.970	2.960	6.140	✓			
TP#10				4.180 2.310 0.440	2.310	3.830	✓
SHAKE	7.180 5.210 3.240	5.210	9.040	✓			
TP#11				8.230 6.745 5.260	6.745	2.295	✓
SHAKE	9.060 7.045 5.030	7.045	9.340	✓			

DESC

MAG NL & TT

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

SAME CREW #03-77616 S.F.W. M.D.

1/13/06 "SITE - R"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV.	BM ELEV	DESC
				7.170				
TP#12				5.425	5.425	3.915	✓	CUT NL
				3.680				
	6.015							
SHAKE	4.305	4.305	8.220	✓				CUT NL
	2.595							
				6.500				
TP#13				4.570	4.570	3.650	✓	CUT NL
				2.640				
	7.760							
SHAKE	5.870	5.870	9.520	✓				CUT NL
	3.980							
				6.770				
TP#14				5.050	5.050	4.470	✓	CUT NL
				3.330				
	7.680							
SHAKE	5.615	5.615	10.085	✓				CUT NL
	3.550							
				4.910				
TP#15				4.430	4.430	5.655	✓	BRASS D.
				3.950				
	6.500							
SHAKE	5.070	5.070	10.725	✓				BRASS D.
	3.640							
				7.690			✓	
BM				5.230	5.230	5.495	5.480	✓
				7.770				✓

NGS # AF 7129 (SLR 39) NAVD 83
 BRASS D. IN CONC OF FISHING PIER
 STAMPED SLR 39 1992 JAX FL

SAME
CREW

#03-77616
S.F.W.M.D.

1/13/06

"SITE-R"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	DESC
	5.850							
TBM#1	5.690 5.530	5.690	8.675				2.905	MAG NL & TT
WELL M-1267				4.550 4.270 3.990	4.270	4.405		TOP OF PIPE WELL M-1267 (PVC)
	4.590							" "
SHAKE	4.245 3.900	4.245	8.65					" "
				5.645 5.065 4.485	5.065	3.585		SET S.F.W.M.D DISC STAMPED M-1267 2006
	5.840							" "
SHAKE	5.260 4.680	5.260	8.845					" "
				6.140				
TBM#2				5.870 5.600	5.870	2.975	2.97	MAG NL & TT
						ERROR	0.005	

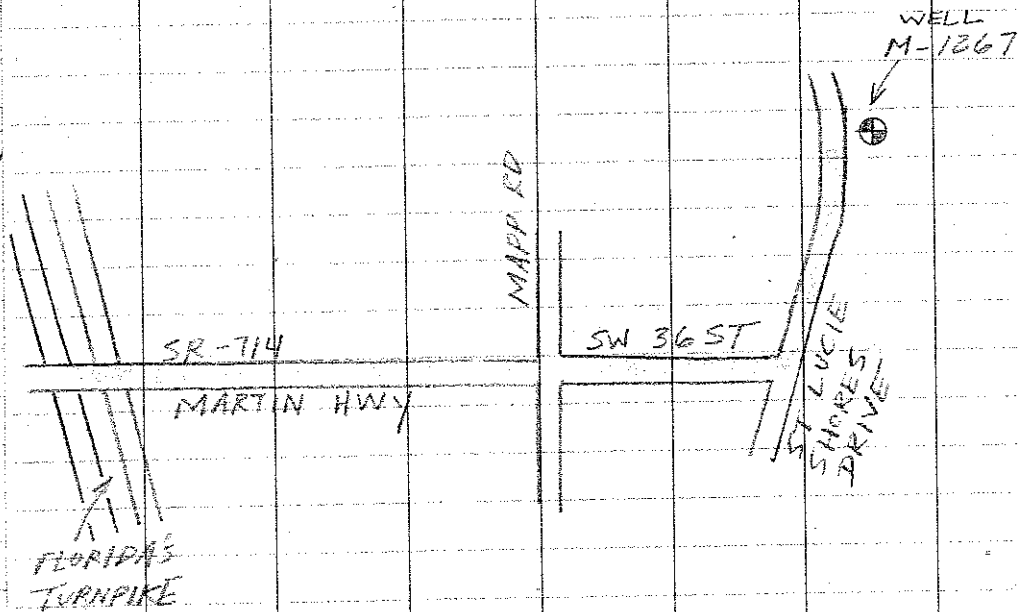
SAME
CREW

1/13/06

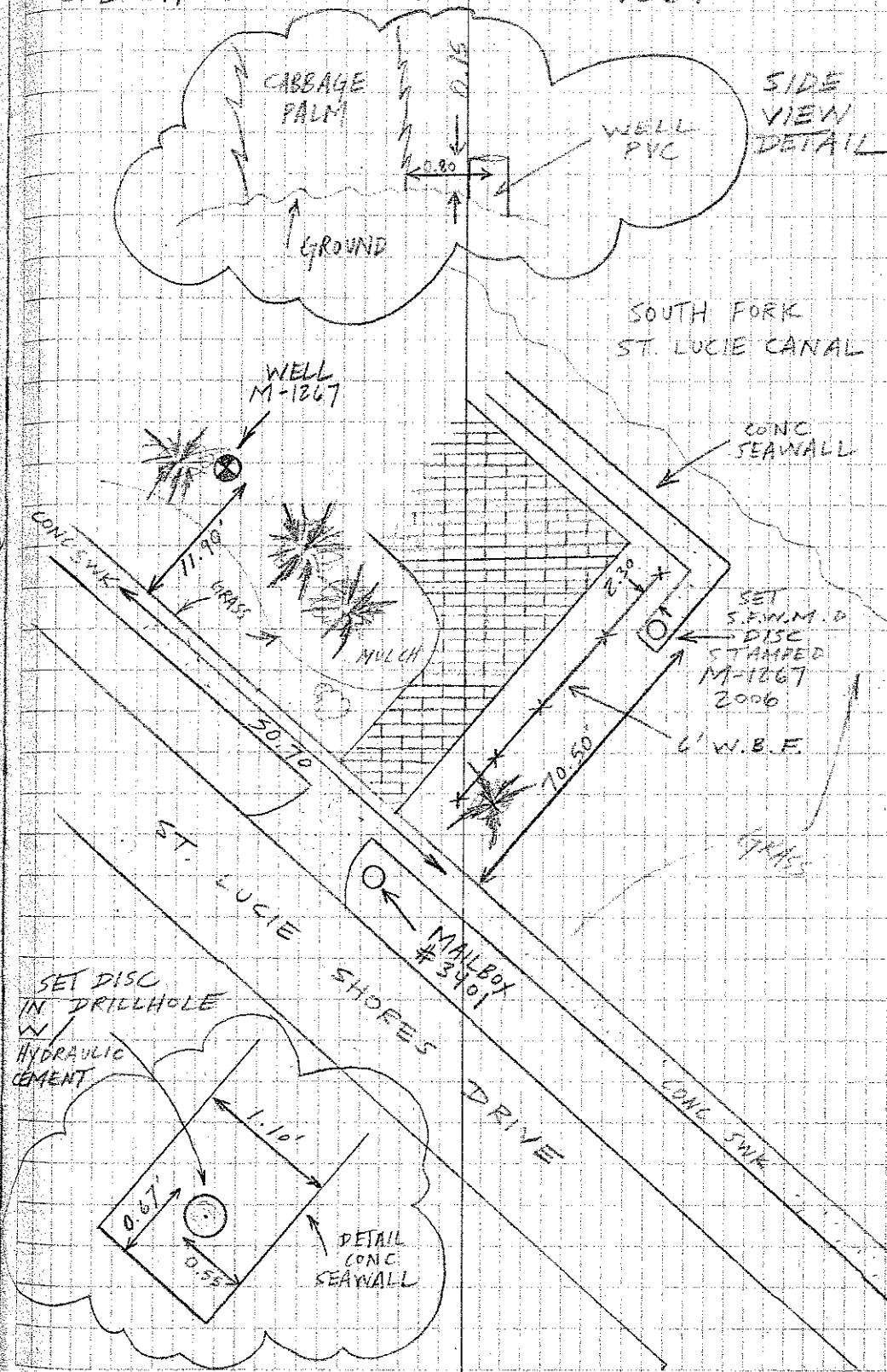
#03-77616
S.F.W.M.D.

(SITE - R
DESCRIPTION)

DIRECTIONS - FROM THE INTERSECTION OF
FLORIDA'S TURNPIKE AND SR-714
MARTIN HWY TRAVEL EAST
ON MARTIN HWY FOR 2.1 MILES
UNTIL MARTIN HWY ENDS AND
BECOMES SW 36 ST. CONTINUE
TRAVELING EAST FOR ANOTHER
0.6 MILES TO THE INTERSECTION
OF SW 36 ST AND ST LUCIE
DRIVE. TURN LEFT AND TRAVEL
FOR 0.1 MILES ON ST LUCIE
SHORES DRIVE AS THE STREET
CURVES TOWARD THE NORTH
TO THE WELL ON YOUR RIGHT
IN FRONT OF HOUSE # 3401.



2564 / 48
SKETCH OF WELL SITE M-1267



A. REDEKO
T. LOPEZ
A. LOPEZ

#03-77616
S.E. W.M.D.

"SITE - 5"

4/17/06

(ESTABLISH
ELEV. ON WELL
M-1043)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	13.170							
BM	11.865	11.865	26.715	✓			14.85	NGS #AJ5264 (GCY DZZ) NAYD 88 BRASS D. IN CONC MON. STAMPED GCY DZZ 2001
	10.560							
TP#1				1.220				
				0.780	0.780	25.935	✓	CUT NL
				0.340				
	11.350							
SHAKE	10.410	10.410	36.345	✓				CUT NL
	9.470							
				7.150				
TP#2				6.0350	6.035	30.310	✓	CUT NL
				4.920				
	11.480							
SHAKE	10.640	10.640	40.950	✓				CUT NL
	9.800							
				11.920				
TP#3				10.730	10.730	30.220	✓	CUT NL
				9.540				
	1.460							
SHAKE	0.860	0.860	31.080	✓				CUT NL
	0.260							
				9.380				
TP#4				8.320	8.320	22.760	✓	CUT NL
				7.260				
	3.300							
SHAKE	2.580	2.580	25.340	✓				CUT NL
	1.860							

SAME #03-77616
CREW S.F.W.M.D.

1/17/06 " SITE - S "
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN ELEV	BM ELEV	DESC
TBM#1				3.860 2.865 1.870	2.865	22.475	✓ MAG NL & TT
SHAKE	4.180 3.195 3.210	3.195	25.670	✓			MAG NL & TT
TBM#2				4.120 3.120 2.120	3.120	22.550	✓ MAG NL & TT
SHAKE	3.780 2.770 1.760	2.770	25.320	✓			MAG NL & TT
TP#5				3.270 2.560 1.950	2.560	22.760	✓ CUT NL
SHAKE	9.300 8.240 7.180	8.240	31.000	✓			CUT NL
TP#6				1.380 0.780 0.180	0.780	30.220	✓ CUT NL
SHAKE	12.400 11.220 10.040	11.220	41.440	✓			CUT NL
TP#7				11.960 11.130 10.300	11.130	30.310	✓ CUT NL

A. REDEIRO
T. LOPEZ
A. LOPEZ

#03 - 77616
S.F.W.M.D.

1/18/06

"SITE - S"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	7.290							
SHAKE	6.175	6.175	36.485	✓				CUT NL
	5.060							
TP#8				11.490				
				10.550	10.550	25.935	✓	CUT NL
				9.610				
SHAKE	1.760							
	1.320	1.320	27.255	✓				CUT NL
	0.880							
TP#9				13.450				
				12.155	12.155	15.100	✓	CUT NL
				10.860				
SHAKE	3.670							
	2.155	2.155	17.255	✓				CUT NL
	0.640							
TP#10				8.540				
				6.495	6.495	10.760	✓	CUT NL
				4.450				
SHAKE	11.530							
	9.985	9.985	20.745	✓				CUT NL
	8.440							
TP#11				2.760				
				1.760	1.760	18.985	✓	CUT NL
				0.760				
SHAKE	10.850							
	9.100	9.100	28.085	✓				CUT NL
	7.250							

SAME
CREW

#03-77616
S.F.W.M.D

1/18/06

"SITE - S"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	B.M. ELEV	DESC
				8.590				
TP#12				7.370	7.370	20.715	✓	CUT NL
				6.150				
	5.460							
SHAKE	4.620	4.620	25.335	✓				CUT NL
	3.780							
				9.545			↓	
BM				8.645	8.645	16.690	16.680	↓
				7.745				ERR 0.010 ↓

DESC

CUT NL

CUT NL

NGS # AJ5265 (GCY D23) NAVD 88
BRASS D. IN CONC MON.
STAMPED GCY D23 2001

SAME
CREW

#03-77616
S.F.W.M.D.

1/18/06

"SITE - 5"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN ELEV	BM ELEV	DESC
	5.620						
TBM#1	5.405 5.190	5.405	27.880	✓		22.475	MAG NL & TT
WELL M-1043				1.930 1.630 1.430	1.630	26.250	✓ TOP OF PIPE WELL M-1043 (PVC)
SHAKE	2.430 2.360 2.270	2.350	28.600	✓			" "
DISC M-1043				6.490 6.420 6.350	6.420	22.180	✓ SET S.F.W.M.D DISC STAMPED M-1043 2006
SHAKE	7.140 8.945 8.750	8.945	31.125	✓			" "
TBM#2				8.825 8.575 8.325	8.575	22.550	✓ MAG NL & TT ERR = 0.000 ✓

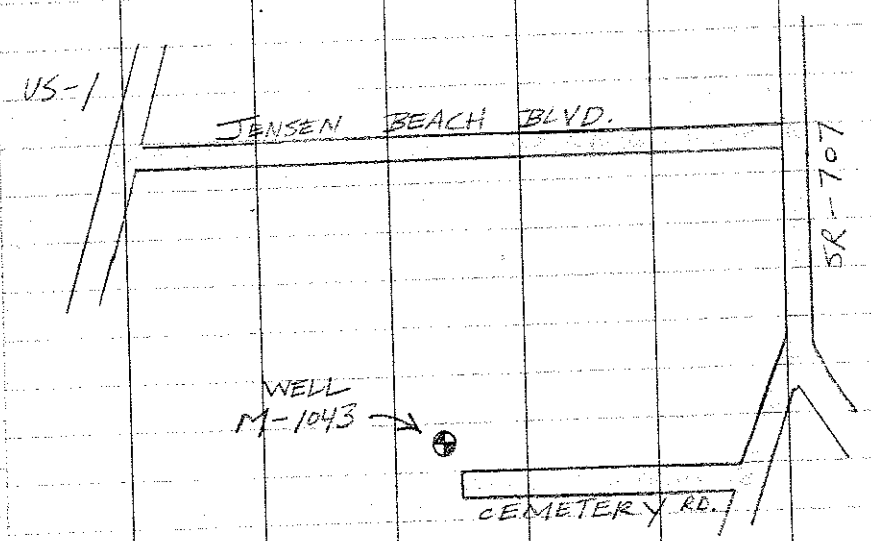
NAME
CREW

#03-77616
S.F.W.M.D

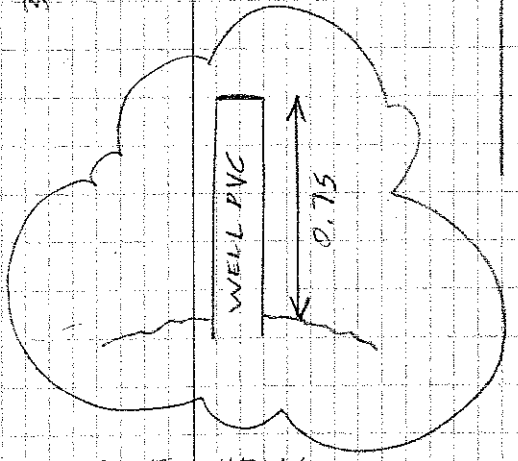
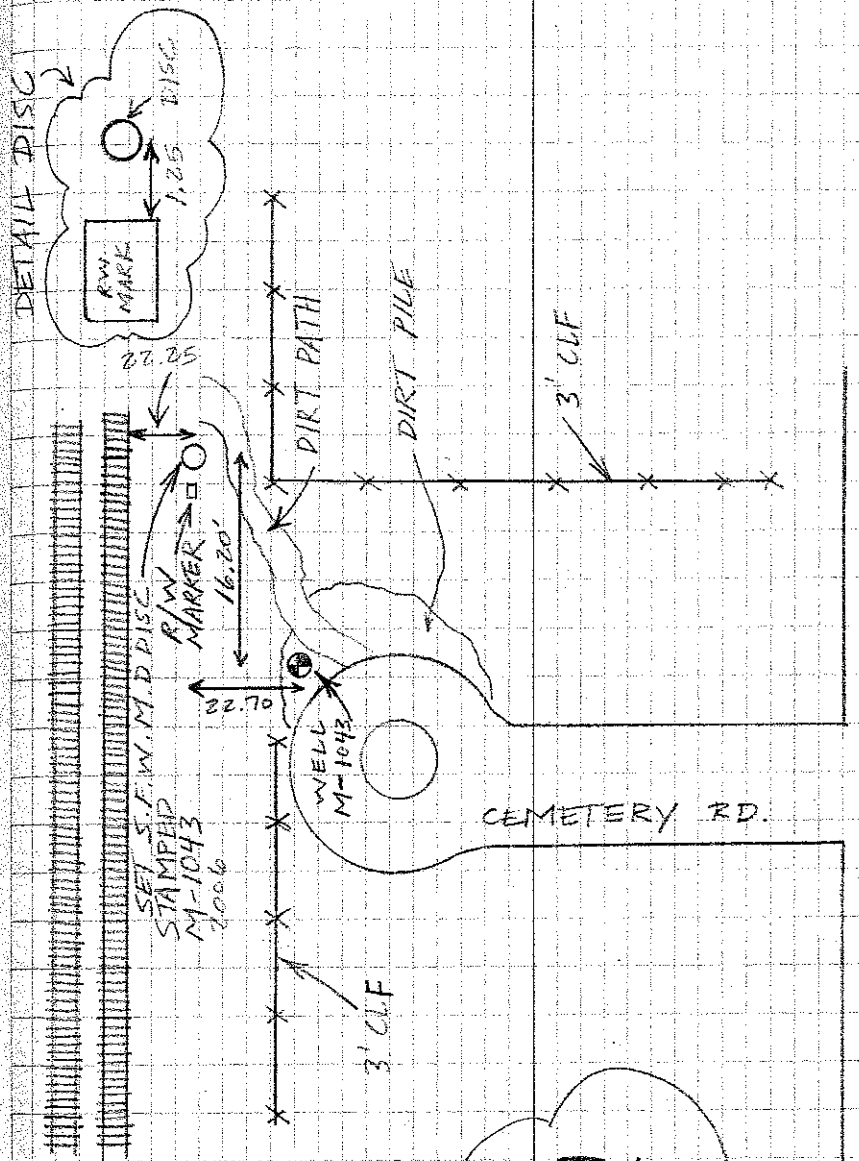
1/18/06

(SITE - 5
DESCRIPTION)

DIRECTIONS - FROM THE INTERSECTION OF
US-1 AND JENSEN BEACH BLVD
TRAVEL EAST ON JENSEN BEACH
BLVD FOR 2.85 MILES TO
SR-707, TURN RIGHT AND
HEAD SOUTH FOR 0.9 MILES
UNTIL THE ROAD FORKS TAKE
THE RIGHT FORK AND THEN
TURN RIGHT INTO THE ALLSAINTS
EPISCOPAL CHURCH CEMETERY
AND TRAVEL WEST ON THE
CEMETERY RD. FOR 0.33 TO
THE BACK OF THE CEMETERY.
THE WELL IS TO THE RIGHT
AND BEHIND A LARGE PILE
OF DIRT.



SKETCH OF WELL SITE M-1043



SR-707

SAME
CREW

#03-17616
S.F.W.M.D

1/13/06

SITE - T

(ESTABLISH
ELEV ON WELL
SITE M-1259)

STA	BS	MEAN	HI	FS	MEAN	ELEV	ELEV	BM
	9.710							
BM	7.875	7.875	20.285	✓			12.410	
	6.040							
TP#1				6.120				
				4.760	4.760	15.525	✓	
				3.400				
	6.360							
SHAKE	4.780	4.780	20.305	✓				
	3.200							
TP#2				6.140				
				4.530	4.530	15.775	✓	
				2.920				
	6.330							
SHAKE	4.540	4.54	20.315	✓				
	2.750							
TP#3				6.115				
				4.545	4.545	15.770	✓	
				2.975				
	6.530							
SHAKE	4.150	4.150	19.920	✓				
	1.770							
TBM#1				7.030				
				5.350	5.350	14.570	✓	
				3.670				
	7.100							
SHAKE	6.250	6.250	20.820	✓				
	5.400							

DESC

NGS # AJ 5248 (GCY DOS) NAVD 88
BRASS I. IN CONC. MON.
STAMPED GCY DOS 2001

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

MAG NL & TT

MAG NL & TT

SAME
CREW

#03-17616
S.F.W.M.D.

1/18/06

"SITE - T"
(ELEV. CONT.)

STA	BS	MEAN	HI	FS	MEAN	ELEV	EM ELEV
				7.305			
TBM#2				6.465	6.465	14.355	✓
				5.625			
	9.130						
SHAKE	7.635	7.635	21.990				✓
	6.140						
				6.760			
TP#4				5.045	5.045	16.945	✓
				3.330			
	6.360						
SHAKE	4.380	4.380	21.325				✓
	2.400						
				7.140			
TP#5				5.130	5.130	16.195	✓
				3.120			
	6.780						
SHAKE	4.440	4.440	20.635				✓
	2.100						
				7.030			
TP#6				4.975	4.975	15.660	✓
				2.920			
	6.800						
SHAKE	4.540	4.540	20.200				✓
	2.280						
				6.320			
TP#7				4.370	4.370	15.830	✓
				2.420			

DESC

MAG NL § TT

MAG NL § TT

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

SAME
CREW

#03-77616
S.F.W.M.D

1/19/06

"SITE - T"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM	ELEV
	6.940							
SHAKE	4.700	4.700	20.530	✓				
	2.460							
TP#8				6.860				
				4.690	4.690	15.840	✓	
				2.520				
	6.900							
SHAKE	4.590	4.590	20.430	✓				
	2.280							
TP#9				6.660				
				4.970	4.970	15.460	✓	
				3.280				
	6.385							
SHAKE	4.735	4.735	20.195	✓				
	3.085							
BM				8.520			✓	
				8.010	8.010	12.185	✓	12.150
				7.500				
								ERR = 0.035 ✓

DESC

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

NGS # AJ 5621 (MS16) NAVD 88
 BRASS D. IN CONC MON.
 STAMPED MS16 2001

A. REDERO
 T. LOPEZ
 A. LOPEZ

#03 - 77616
 S.F.W.M.D.

"SITE - T"
 (ELEV CONT)

2/22/06

STA	BS	MEAN HI	FS	MEAN ELEV	BM ELEV	DESC.
	4.620					
TBM#1	4.355 4.090	4.355	18.925		14.570	MAG NL & TT See pg 55
WELL			6.030			
M-1259			5.660	5.660	13.265	TOP OF PIPE WELL M-1259 (PVC)
			5.290			
	5.575					
SHAKE	5.205 4.835	5.205	18.470			" "
			5.190			
DISC			4.830	4.830	13.640	SET S.F.W.M.D. DISC STAMPED M-1259 2006
M-1259			4.470			
	5.700					
SHAKE	5.345 4.990	5.345	18.985			" "
			4.890			
TBM#2			4.620	4.620	14.365	MAG NL & TT
			4.350			

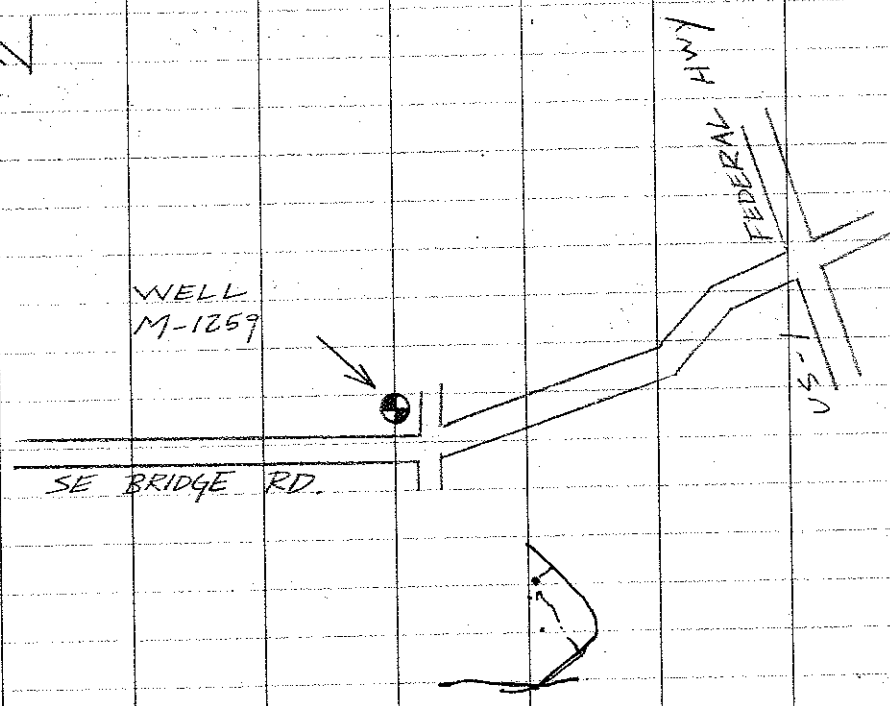
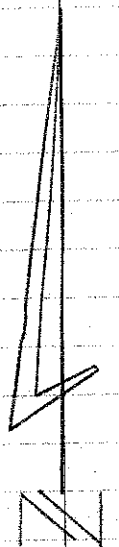
SAME
CREW

#03-77616
S.F.W.M.D

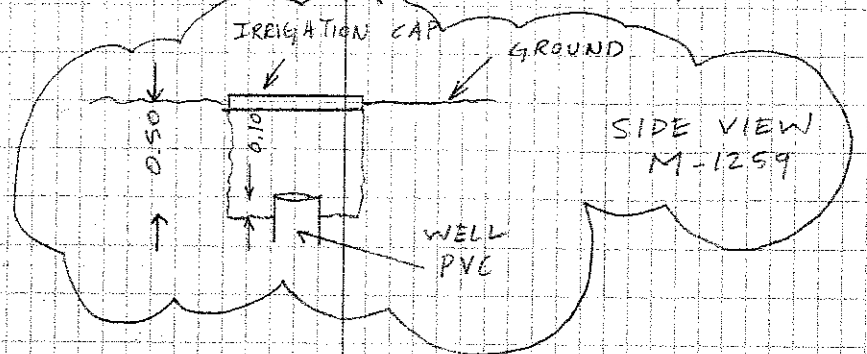
(SITE-T
DESCRIPTION)

DIRECTIONS - FROM THE INTERSECTION OF US-1
AND BRIDGE RD. SR-708 TRAVEL
WEST ON BRIDGE RD. FOR 2.0
MILES TO THE BEND IN THE
ROAD. THE WELL IS ON THE
RIGHT AND WEST OF THE
PAVED SIDE ROAD, NORTH OF
DRAINAGE DITCH.

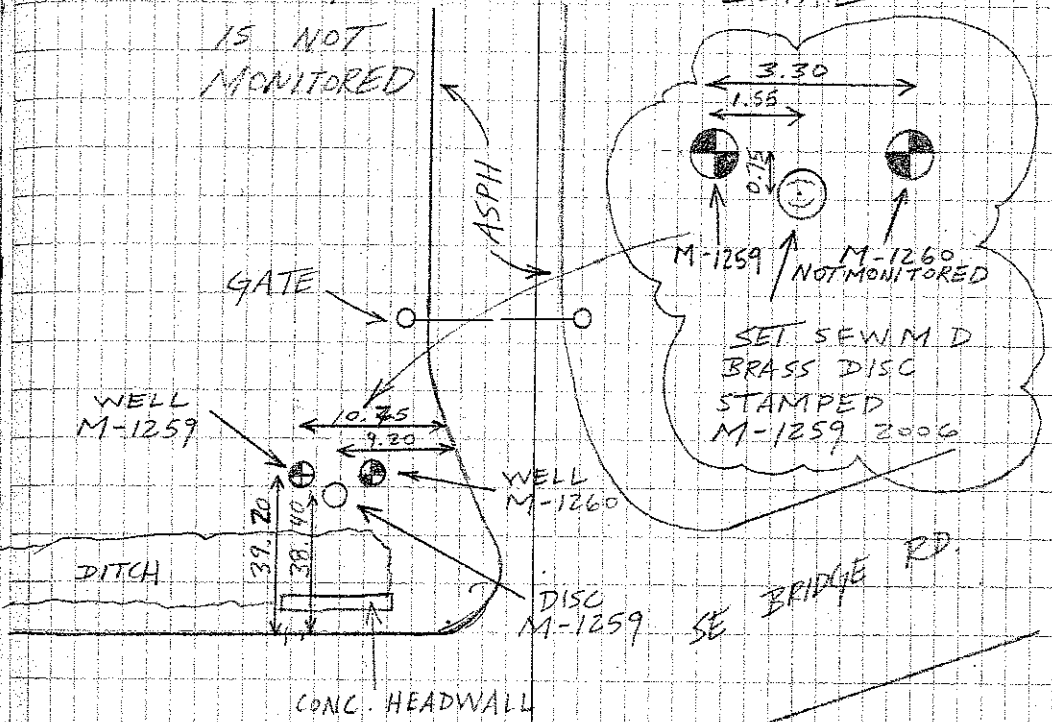
was dirt road before!



2564/59
SKETCH OF WELL SITE M-1259



NOTE: WELL M-1260
IS NOT
MONITORED



DETAIL
SET SEWIM D
BRASS DISC
STAMPED
M-1259 2006

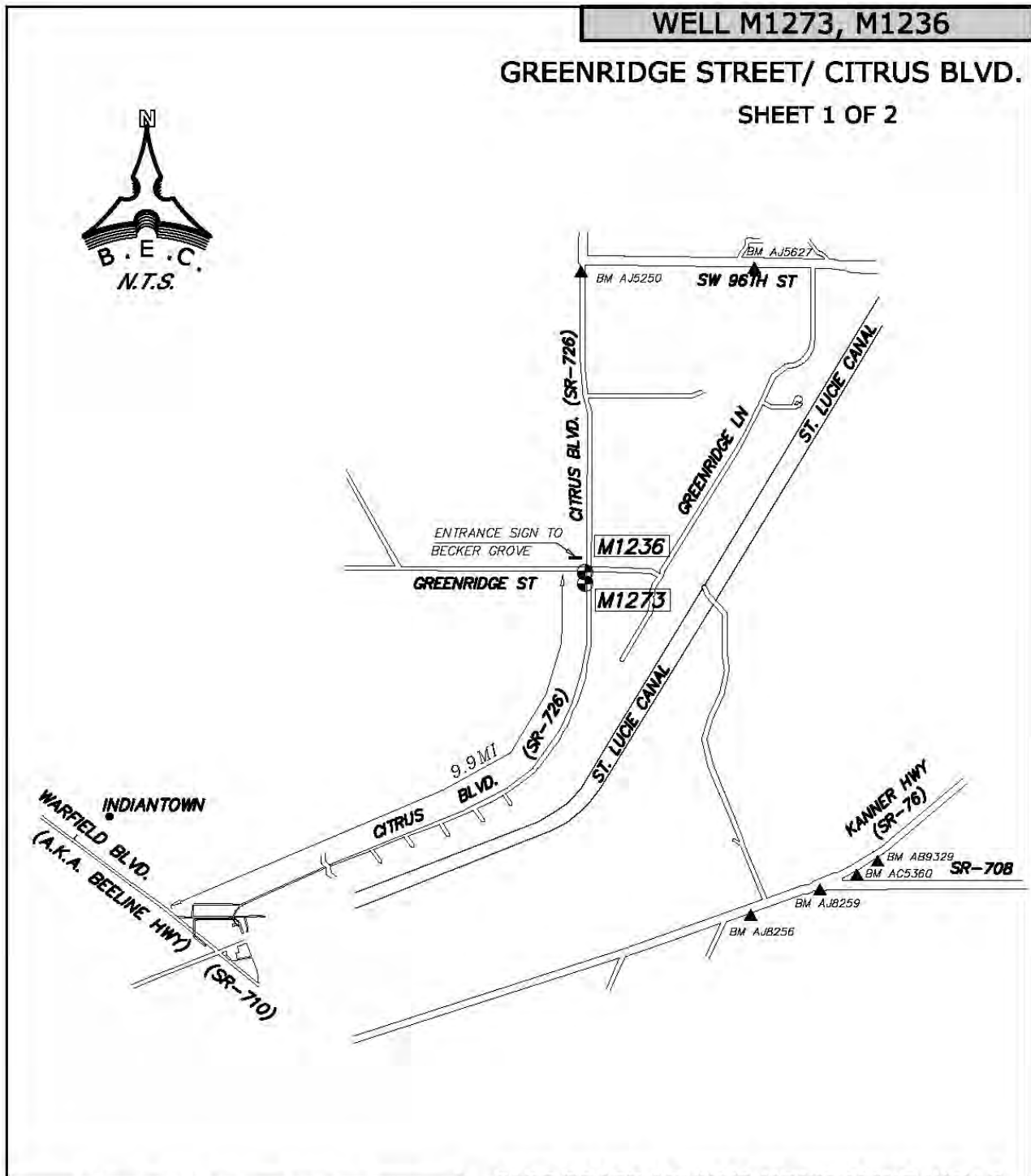


SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 04/11/06

COUNTY	MARTIN	PROJECT	GREENRIDGE ST / CITRUS BLVD.	DESIGNATION	M1236 2006
SECTIONS	<u>14, 15, 22, 23</u>	TOWNSHIP	<u>39S</u>	RANGE	<u>40E</u>
GEOGRAPHIC INDEX OF QUAD <u>Florida</u>					
Established by Biscayne Engineering Company, Inc.			NAME OF QUADRANGLE	INDIANTOWN SE #2503	
SURVEYOR <u>Mike J. Bartholomew</u> DATE <u>04 / 11 / 2006</u>			FIELD BOOK	<u>2564</u>	PAGE <u>22</u>
HORIZONTAL DATUM: 1927 <input type="checkbox"/> 1983 <input checked="" type="checkbox"/> Other _____ (circle one) ZONE <u>0901 (EAST)</u>					
VERTICAL DATUM: MSL 1929 <input type="checkbox"/> 1988 <input checked="" type="checkbox"/> Other _____ (circle one)					
CONTROL ACCURACY: HORIZONTAL 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> SUB-METER (circle one) VERTICAL 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>					
STATE PLANE COORDINATES		X= <u>877717.315</u>	Y= <u>996562.498</u>	DISC EL.= <u>23.51'</u> (NAVD-88)	
<u>M1236</u> (U.S. Survey feet)					
LATITUDE M1236 <u>27°04'25.333"N</u>			LONGITUDE <u>080°19'09.004"W</u>		
DESCRIPTION					
Benchmark is situated West of the St. Lucie Canal, North of State Road 76 (Kanner Highway), South of S.W. 96 th Street, near the intersection of Citrus Blvd. (SR-726) and Greenridge Street Martin County, Florida.					
TO REACH the benchmark from the intersection of Warfield Blvd. (SR-710) and Citrus Blvd. (SR-726), travel East and then North on Citrus Blvd. (SR-726) for 9.9 miles to Greenridge Street (dirt road). Benchmark is a brass SFWMD disc set 20.0 feet South of the South edge of Greenridge Street (dirt road), East of a white wooden fence, and 66.8 feet (more or less) West of the West edge of pavement of Citrus Blvd. (SR-726).					
Note: Origin of NAVD88 elevation for BM "M1236" is closed bench level circuit through NGS benchmarks AJ5250 (GCY D08) and AJ5627 (X516).					

SKETCH: SEE PAGE 2 and 3



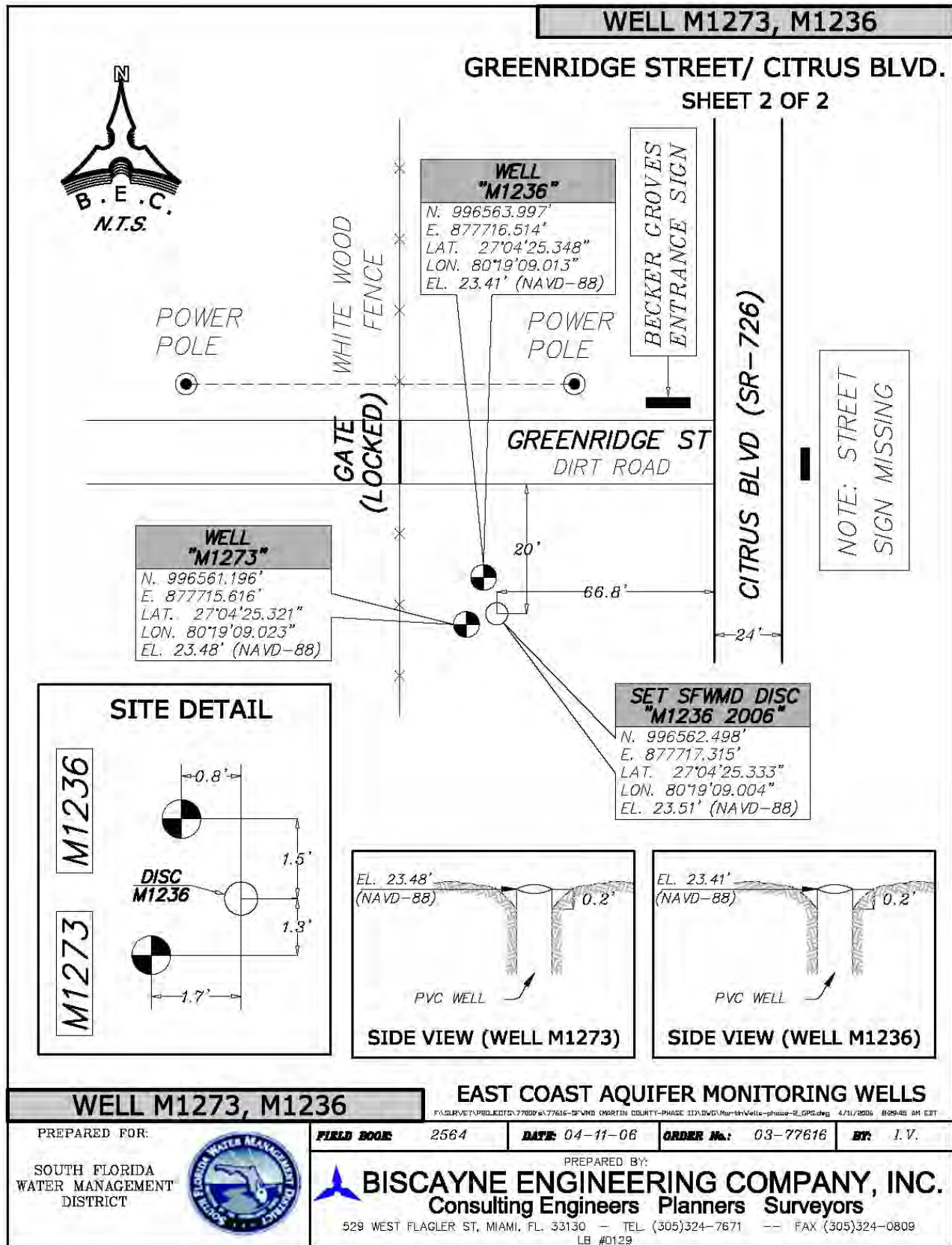
WELL M1273, M1236
GREENRIDGE STREET/ CITRUS BLVD.
SHEET 1 OF 2



WELL M1273, M1236

EAST COAST AQUIFER MONITORING WELLS

PREPARED FOR: SOUTH FLORIDA WATER MANAGEMENT DISTRICT	FIELD BOOK: 2564	DATE: 04-11-06	ORDER No.: 03-77616	BY: I.V.
	PREPARED BY: BISCAYNE ENGINEERING COMPANY, INC. Consulting Engineers Planners Surveyors 529 WEST FLAGLER ST, MIAMI, FL. 33130 — TEL. (305)324-7671 — FAX (305)324-0809 LB #0129			



From the "ngvd29.txt" file provided by NGS for the CERP Geodetic Vertical Control Project.
 Line/Part: L26232 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated & constrained
 Mark ID SSN PID Designation Geopotential Elevation Codes
 1661 9040 AJ5627 X 516 7.1544 7.3004
 1662 9041 AJ5250 GCY D08 7.5734 7.7279

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.30

```

1      National Geodetic Survey,      Retrieval Date = JANUARY 16, 2006
AJ5250 *****
AJ5250 DESIGNATION - GCY D08
AJ5250 PID - AJ5250
AJ5250 STATE/COUNTY- FL/MARTIN
AJ5250 USGS QUAD - INDIAN TOWN SE (1983)
AJ5250
AJ5250 *CURRENT SURVEY CONTROL
AJ5250
AJ5250* NAD 83(1999)- 27 05 17.75053(N) 080 19 09.51504(W) ADJUSTED
AJ5250* NAVD 88 - 7.280 (meters) 23.88 (feet) ADJUSTED
AJ5250
AJ5250 X - 955,539.981 (meters) COMP
AJ5250 Y - -5,601,505.316 (meters) COMP
AJ5250 Z - 2,886,917.182 (meters) COMP
AJ5250 LAPLACE CORR- -2.23 (seconds) DEFLEC99
AJ5250 ELLIP HEIGHT- -19.85 (meters) (09/27/01) GPS OBS
AJ5250 GEOID HEIGHT- -27.12 (meters) GEOID03
AJ5250 DYNAMIC HT - 7.269 (meters) 23.85 (feet) COMP
AJ5250 MODELED GRAV- 979,102.8 (mgal) NAVD 88
AJ5250
AJ5250 HORZ ORDER - FIRST
AJ5250 VERT ORDER - FIRST CLASS II
AJ5250 ELLP ORDER - FOURTH CLASS II
AJ5250
AJ5250.The horizontal coordinates were established by GPS observations
AJ5250.and adjusted by the National Geodetic Survey in September 2001.
AJ5250
AJ5250.The orthometric height was determined by differential leveling
AJ5250.and adjusted by the National Geodetic Survey in November 2001.
AJ5250
AJ5250.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ5250
AJ5250.The Laplace correction was computed from DEFLEC99 derived deflections.
AJ5250
AJ5250.The ellipsoidal height was determined by GPS observations
AJ5250.and is referenced to NAD 83.
AJ5250
AJ5250.The geoid height was determined by GEOID03.
AJ5250
AJ5250.The dynamic height is computed by dividing the NAVD 88
AJ5250.geopotential number by the normal gravity value computed on the
AJ5250.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ5250.degrees latitude (g = 980.6199 gals.).
AJ5250
AJ5250.The modeled gravity was interpolated from observed gravity values.
AJ5250
AJ5250;
AJ5250;          North          East          Units Scale Factor Converg.
AJ5250;SPC FL E - 305,366.107 267,505.974 MT 0.99999741 +0 18 35.9
AJ5250;UTM 17 - 2,996,393.899 567,482.941 MT 0.99965622 +0 18 35.9
AJ5250
AJ5250! - Elev Factor x Scale Factor = Combined Factor
    
```

DATASHEETS

AJ5250!SPC FL E - 1.00000312 x 0.99999741 = 1.00000053
 AJ5250!UTM 17 - 1.00000312 x 0.99965622 = 0.99965934

AJ5250
 AJ5250: Primary Azimuth Mark Grid Az
 AJ5250:SPC FL E - GCY D09 000 12 09.9
 AJ5250:UTM 17 - GCY D09 000 12 09.9

AJ5250	PID	Reference Object	Distance	Geod. Az dddmss.s
AJ5250	AJ5251	GCY D09	APPROX. 0.9 KM	0003045.8

AJ5250
 AJ5250 SUPERSEDED SURVEY CONTROL
 AJ5250
 AJ5250.No superseded survey control is available for this station.
 AJ5250

AJ5250_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK6748396394(NAD 83)
 AJ5250_MARKER: DH = HORIZONTAL CONTROL DISK
 AJ5250_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AJ5250_STAMPING: GCY D08 2001
 AJ5250_MARK LOGO: FL-085
 AJ5250_PROJECTION: FLUSH
 AJ5250_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
 AJ5250_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AJ5250+STABILITY: SURFACE MOTION
 AJ5250_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 AJ5250+SATELLITE: SATELLITE OBSERVATIONS - July 18, 2001

AJ5250	HISTORY	Date	Condition	Report By
AJ5250	HISTORY	20010507	MONUMENTED	GCYI
AJ5250	HISTORY	20010718	GOOD	GCYI

AJ5250
 AJ5250 STATION DESCRIPTION
 AJ5250
 AJ5250'DESCRIBED BY G.C.Y., INCORPORATED 2001 (MDL)
 AJ5250'THE STATION IS LOCATED 13.9 KM (8.6 MI) SOUTHWEST OF STUART, 19 KM
 AJ5250'(11.8 MI)
 AJ5250'NORTHWEST OF HOBE SOUND AND 16.5 KM (10.2 MI) NORTHEAST OF INDIANTOWN
 AJ5250'IN
 AJ5250'THE WEST RIGHT OF WAY OF C.R. 76-A (LOOP ROAD) IN SECTION 15, TOWNSHIP
 AJ5250'39
 AJ5250'SOUTH, RANGE 40 EAST, MARTIN COUNTY, FLORIDA.
 AJ5250'
 AJ5250'TO REACH THE STATION FROM THE INTERSECTION OF THE SUNSHINE STATE
 AJ5250'PARKWAY AND S.R. 714, GO WEST ON S.R. 714, 1.4 KM (0.9 MI) TO THE
 AJ5250'INTERSECTION
 AJ5250'WITH C.R. 76-A (LOOP ROAD), THEN SOUTH ON LOOP ROAD, 8.1 KM (5.1MI) TO
 AJ5250'THE
 AJ5250'INTERSECTION WITH C.R. 726 (CITRUS BLVD) AND THE STATION ON THE RIGHT.
 AJ5250'THE STATION IS 11.0 M (36.0 FT) SOUTH OF THE CENTERLINE OF C.R. 76-A,
 AJ5250'3 M (9.9 FT)
 AJ5250'WEST OF THE WEST EDGE OF PAVEMENT OF C.R. 726 AND 10.0 M (33 FT) EAST
 AJ5250'OF A
 AJ5250'CARSONITE WITNESS POST.
 AJ5250'REFERENCES-
 AJ5250'GCY, INC. MAG NAIL AND WASHER IN 12 INCH PINE - 282 DEG. MAG. AZ.,
 AJ5250'28.35 M (93.00
 AJ5250'FT)
 AJ5250'GCY, INC. MAG NAIL AND WASHER IN 13 INCH OAK - 115 DEG. MAG. AZ.,

DATASHEETS

AJ5250'22.52 M (73.88

AJ5250'FT)

AJ5250'G.C.Y., INC. MAG NAIL AND WASHER IN WOOD POWER POLE - 210 DEG. MAG. AZ.,

AJ5250'22.72M

AJ5250'(74.54 FT)

AJ5250'

AJ5250'NOTE-

AJ5250'DEEP ONE MAGNET BURIED AT NORTH SIDE OF MONUMENT.

AJ5250'

AJ5250'

AJ5250'

AJ5250

AJ5250

STATION RECOVERY (2001)

AJ5250

AJ5250'RECOVERY NOTE BY G.C.Y., INCORPORATED 2001 (MDL)

AJ5250'RECOVERED AS DESCRIBED.

*** retrieval complete.

Elapsed Time = 00:00:00

DATASHEETS

AJ5627 HISTORY - Date Condition Report By
AJ5627 HISTORY - 20010507 MONUMENTED GCYI

AJ5627

AJ5627

AJ5627

STATION DESCRIPTION

AJ5627'DESCRIBED BY G.C.Y., INCORPORATED 2001 (MDL)

AJ5627'THE MARK IS LOCATED 13.4 KM (8.3 MI) SOUTHWEST OF STUART, 16.7 KM

AJ5627'(10.4 MI)

AJ5627'NORTHEAST OF INDIANTOWN ROAD 16.9 KM (10.5 MI) WEST OF HOBE SOUND NEAR

AJ5627'THE SOUTH RIGHT-OF-WAY OF C.R. 76A (LOOP ROAD) IN SECTION 14, TOWNSHIP

AJ5627'39

AJ5627'SOUTH, RANGE 40 EAST.

AJ5627'

AJ5627'MARTIN COUNTY RIGHT-OF-WAY.

AJ5627'

AJ5627'TO REACH THE MARK FROM C.R. 76A (LOOP ROAD) AND C.R. 726 (CITRUS BLVD)

AJ5627'GO

AJ5627'EAST ON C.R. 76A 1.0 KM (0.6 MI) TO THE MARK ON THE LEFT.

AJ5627'

AJ5627'THE MARK IS 15.9 M (52.2 FT) SOUTH OF THE SOUTH EDGE OF PAVEMENT OF

AJ5627'C.R. 76A

AJ5627'(LOOP ROAD), 3.4 M EAST OF THE EAST EDGE OF A DIRT DRIVE, AND 0.4 M

AJ5627'(1.4 FT)

AJ5627'NORTH OF A CARSONITE WITNESS POST SET IN A BARBED WIRE FENCE.

AJ5627'

AJ5627'NOTE - MAGNET SET AT NORTH SIDE OF MARK.

AJ5627'

AJ5627'

*** retrieval complete.

Elapsed Time = 00:00:00

From the "ngvd29.txt" file provided by NGS for the CERP Geodetic Vertical Control Project.
 Line/Part: L26243 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated
 & constrained

Mark ID	SSN	PID	Designation	Geopotential	Elevation	Codes
1760	2920	AJ8248	N 522	7.9196	8.0812	
1763	2923	AJ8256	R 522	6.9456	7.0873	

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.30

```

1      National Geodetic Survey,      Retrieval Date = JANUARY 16, 2006
AJ8256 *****
AJ8256 DESIGNATION - R 522
AJ8256 PID - AJ8256
AJ8256 STATE/COUNTY- FL/MARTIN
AJ8256 USGS QUAD - INDIAN TOWN SE (1983)
AJ8256
AJ8256 *CURRENT SURVEY CONTROL
AJ8256
AJ8256* NAD 83(1999)- 27 03 08.09722(N) 080 19 46.12516(W) ADJUSTED
AJ8256* NAVD 88 - 6.653 (meters) 21.83 (feet) ADJUSTED
AJ8256
AJ8256 X - 954,850.744 (meters) COMP
AJ8256 Y - -5,603,464.659 (meters) COMP
AJ8256 Z - 2,883,363.547 (meters) COMP
AJ8256 LAPLACE CORR- -2.17 (seconds) DEFLEC99
AJ8256 ELLIP HEIGHT- -20.32 (meters) (12/12/02) GPS OBS
AJ8256 GEOID HEIGHT- -27.00 (meters) GEOID03
AJ8256 DYNAMIC HT - 6.643 (meters) 21.79 (feet) COMP
AJ8256 MODELED GRAV- 979,100.8 (mgal) NAVD 88
AJ8256
AJ8256 HORZ ORDER - FIRST
AJ8256 VERT ORDER - FIRST CLASS II
AJ8256 ELLP ORDER - THIRD CLASS I
AJ8256
AJ8256.The horizontal coordinates were established by GPS observations
AJ8256.and adjusted by the National Geodetic Survey in December 2002.
AJ8256
AJ8256.The orthometric height was determined by differential leveling
AJ8256.and adjusted by the National Geodetic Survey in April 2002.
AJ8256
AJ8256.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ8256
AJ8256.The Laplace correction was computed from DEFLEC99 derived deflections.
AJ8256
AJ8256.The ellipsoidal height was determined by GPS observations
AJ8256.and is referenced to NAD 83.
AJ8256
AJ8256.The geoid height was determined by GEOID03.
AJ8256
AJ8256.The dynamic height is computed by dividing the NAVD 88
AJ8256.geopotential number by the normal gravity value computed on the
AJ8256.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ8256.degrees latitude (g = 980.6199 gals.).
AJ8256
AJ8256.The modeled gravity was interpolated from observed gravity values.
AJ8256
AJ8256;
AJ8256; North East Units Scale Factor Converg.
AJ8256;SPC FL E - 301,370.158 266,518.664 MT 0.99999578 +0 18 17.9
AJ8256;UTM 17 - 2,992,399.313 566,495.968 MT 0.99965458 +0 18 17.9
AJ8256
AJ8256! - Elev Factor x Scale Factor = Combined Factor
    
```


DATASHEETS

AJ8256!SPC FL E - 1.00000319 x 0.99999578 = 0.99999897
 AJ8256!UTM 17 - 1.00000319 x 0.99965458 = 0.99965777

AJ8256

AJ8256 SUPERSEDED SURVEY CONTROL

AJ8256

AJ8256 NAVD 88 (12/12/02) 6.65 (m) 21.8 (f) LEVELING 3

AJ8256

AJ8256.Superseded values are not recommended for survey control.

AJ8256.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AJ8256.[See file dsdata.txt](#) to determine how the superseded data were derived.

AJ8256

AJ8256_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK6649692399(NAD 83)

AJ8256_MARKER: DD = SURVEY DISK

AJ8256_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

AJ8256_STAMPING: R 522 2001 CERP

AJ8256_MARK LOGO: USE

AJ8256_PROJECTION: RECESSED 8 CENTIMETERS

AJ8256_MAGNETIC: O = OTHER; SEE DESCRIPTION

AJ8256_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

AJ8256+STABILITY: SURFACE MOTION

AJ8256_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AJ8256+SATELLITE: SATELLITE OBSERVATIONS - April 24, 2002

AJ8256

AJ8256	HISTORY	- Date	Condition	Report By
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AJ8256	HISTORY	- 20010904	MONUMENTED	FOST
--------	---------	------------	------------	------

AJ8256	HISTORY	- 20020424	GOOD	MAPTEC
--------	---------	------------	------	--------

AJ8256

AJ8256 STATION DESCRIPTION

AJ8256

AJ8256'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)

AJ8256'THE MONUMENT IS LOCATED 6.05 MILES (9.74 KM) WEST OF THE I-95 AND

AJ8256'STATE ROAD 76 INTERCHANGE

AJ8256'SOUTHWEST OF STUART, FL. AND 7.85 MILES (12.63 KM) EAST OF INDIANTOWN,

AJ8256'FL., SECTION 27, TOWNSHIP 39

AJ8256'SOUTH, RANGE 40 EAST.

AJ8256'

AJ8256'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.

AJ8256'

AJ8256'TO REACH MONUMENT FROM THE INTERCHANGE OF I-95 AND STATE ROAD 76

AJ8256'SOUTHWEST OF STUART, GO

AJ8256'WEST 6.05 MILES (9.74 KM) ALONG STATE ROAD 76 TO THE MONUMENT LOCATION

AJ8256'ON THE NORTH (RIGHT) SIDE

AJ8256'OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT IS LOCATED AT THE GATE 4

AJ8256'ENTRANCE TO THE CALUSA

AJ8256'CREEK TREE FARM AND RANCH.

AJ8256'

AJ8256'THE MONUMENT IS 71.5 FEET (21.79 M) NORTH OF THE CENTERLINE OF THE

AJ8256'ROAD, 4.0 FEET (1.22 M) SOUTH OF A

AJ8256'FENCE POST, 42.5 FEET (12.95 M) NORTHWEST OF THE CENTER OF A HEADWALL,

AJ8256'10.5 FEET (3.20) WEST OF THE

AJ8256'CENTER OF A DIRT ROAD LEADING TO GATE 4 OF THE CALUSA CREEK TREE FARM

AJ8256'AND RANCH AND 11.8 FEET

AJ8256'(3.60 M) WEST OF THE CENTER OF GATE 4. NOTE A MAGNET WAS BURIED NEARBY

AJ8256'AT AN UNSPECIFIED

AJ8256'POSITION.

AJ8256'

AJ8256

AJ8256 STATION RECOVERY (2002)

AJ8256

AJ8256'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

DATASHEETS

AJ8256'THE MONUMENT IS LOCATED 6.05 MILES (9.74 KM) WEST OF THE I-95 AND
AJ8256'STATE ROAD 76
AJ8256'INTERCHANGE
AJ8256'SOUTHWEST OF STUART, FL. AND 7.85 MILES (12.63 KM) EAST OF INDIANTOWN,
AJ8256'FL., SECTION 27,
AJ8256'TOWNSHIP 39
AJ8256'SOUTH, RANGE 40 EAST.
AJ8256'
AJ8256'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.
AJ8256'
AJ8256'TO REACH MONUMENT FROM THE INTERCHANGE OF I-95 AND STATE ROAD 76
AJ8256'SOUTHWEST OF
AJ8256'STUART, GO
AJ8256'WEST 6.05 MILES (9.74 KM) ALONG STATE ROAD 76 TO THE MONUMENT LOCATION
AJ8256'ON THE NORTH
AJ8256'(RIGHT) SIDE
AJ8256'OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT IS LOCATED AT THE GATE 4
AJ8256'ENTRANCE TO THE
AJ8256'CALUSA
AJ8256'CREEK TREE FARM AND RANCH.
AJ8256'
AJ8256'THE MONUMENT IS 71.5 FEET (21.79 M) NORTH OF THE CENTERLINE OF THE
AJ8256'ROAD, 4.0 FEET (1.22 M)
AJ8256'SOUTH OF A
AJ8256'FENCE POST, 42.5 FEET (12.95 M) NORTHWEST OF THE CENTER OF A HEADWALL,
AJ8256'10.5 FEET (3.20) WEST
AJ8256'OF THE
AJ8256'CENTER OF A DIRT ROAD LEADING TO GATE 4 OF THE CALUSA CREEK TREE FARM
AJ8256'AND RANCH AND 11.8
AJ8256'FEET
AJ8256'(3.60 M) WEST OF THE CENTER OF GATE 4. NOTE A MAGNET WAS BURIED NEARBY
AJ8256'AT AN UNSPECIFIED
AJ8256'POSITION.
AJ8256'
AJ8256'STATION RECOVERY (2002)
AJ8256'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CDP)
AJ8256'RECOVERED AS DESCRIBED.
AJ8256'
AJ8256'

*** retrieval complete.
Elapsed Time = 00:00:01

From the "ngvd29.txt" file provided by NGS for the CERP Geodetic Vertical Control Project.
 Line/Part: L26243 SSN+: mark floated, SSN*: mark constrained, SSN#: mark floated
 & constrained

Mark ID	SSN	PID	Designation	Geopotential	Elevation	Codes
1760	2920	AJ8248	N 522	7.9196	8.0812	
1763	2923	AJ8256	R 522	6.9456	7.0873	

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.30

1 National Geodetic Survey, Retrieval Date = JANUARY 16, 2006

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AJ8248 *****
AJ8248 DESIGNATION - N 522
AJ8248 PID - AJ8248
AJ8248 STATE/COUNTY- FL/MARTIN
AJ8248 USGS QUAD - INDIAN TOWN SE (1983)
AJ8248
AJ8248 *CURRENT SURVEY CONTROL
AJ8248
AJ8248* NAD 83(1999)- 27 02 21.33069(N) 080 22 26.67481(W) ADJUSTED
AJ8248* NAVD 88 - 7.660 (meters) 25.13 (feet) ADJUSTED
AJ8248
AJ8248 X - 950,598.514 (meters) COMP
AJ8248 Y - -5,604,852.453 (meters) COMP
AJ8248 Z - 2,882,082.041 (meters) COMP
AJ8248 LAPLACE CORR- -1.85 (seconds) DEFLEC99
AJ8248 ELLIP HEIGHT- -19.21 (meters) (12/12/02) GPS OBS
AJ8248 GEOID HEIGHT- -26.88 (meters) GEOID03
AJ8248 DYNAMIC HT - 7.649 (meters) 25.10 (feet) COMP
AJ8248 MODELED GRAV- 979,098.2 (mgal) NAVD 88
AJ8248
AJ8248 HORZ ORDER - FIRST
AJ8248 VERT ORDER - FIRST CLASS II
AJ8248 ELLP ORDER - THIRD CLASS I
AJ8248
AJ8248.The horizontal coordinates were established by GPS observations
AJ8248.and adjusted by the National Geodetic Survey in December 2002.
AJ8248
AJ8248.The orthometric height was determined by differential leveling
AJ8248.and adjusted by the National Geodetic Survey in April 2002.
AJ8248
AJ8248.The X, Y, and Z were computed from the position and the ellipsoidal ht.
AJ8248
AJ8248.The Laplace correction was computed from DEFLEC99 derived deflections.
AJ8248
AJ8248.The ellipsoidal height was determined by GPS observations
AJ8248.and is referenced to NAD 83.
AJ8248
AJ8248.The geoid height was determined by GEOID03.
AJ8248
AJ8248.The dynamic height is computed by dividing the NAVD 88
AJ8248.geopotential number by the normal gravity value computed on the
AJ8248.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ8248.degrees latitude (g = 980.6199 gals.).
AJ8248
AJ8248.The modeled gravity was interpolated from observed gravity values.
AJ8248
AJ8248;
AJ8248; North East Units Scale Factor Converg.
AJ8248;SPC FL E - 299,908.000 262,101.473 MT 0.99998877 +0 17 04.4
AJ8248;UTM 17 - 2,990,937.655 562,080.284 MT 0.99964758 +0 17 04.4
AJ8248
AJ8248! - Elev Factor x Scale Factor = Combined Factor
    
```

DATASHEETS

AJ8248!SPC FL E - 1.00000302 x 0.99998877 = 0.99999179
 AJ8248!UTM 17 - 1.00000302 x 0.99964758 = 0.99965060

AJ8248

AJ8248 SUPERSEDED SURVEY CONTROL

AJ8248

AJ8248 NAVD 88 (12/12/02) 7.66 (m) 25.1 (f) LEVELING 3

AJ8248

AJ8248.Superseded values are not recommended for survey control.

AJ8248.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.

AJ8248.[See file dsdata.txt](#) to determine how the superseded data were derived.

AJ8248

AJ8248_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK6208090938(NAD 83)

AJ8248_MARKER: DD = SURVEY DISK

AJ8248_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT

AJ8248_STAMPING: N 522 2001 CERP

AJ8248_MARK LOGO: USE

AJ8248_PROJECTION: RECESSED 20 CENTIMETERS

AJ8248_MAGNETIC: O = OTHER; SEE DESCRIPTION

AJ8248_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO

AJ8248+STABILITY: SURFACE MOTION

AJ8248_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR

AJ8248+SATELLITE: SATELLITE OBSERVATIONS - April 24, 2002

AJ8248

AJ8248	HISTORY	- Date	Condition	Report By
--------	---------	--------	-----------	-----------

AJ8248	HISTORY	- 20010904	MONUMENTED	FOST
--------	---------	------------	------------	------

AJ8248	HISTORY	- 20020424	GOOD	MAPTEC
--------	---------	------------	------	--------

AJ8248

AJ8248 STATION DESCRIPTION

AJ8248

AJ8248'DESCRIBED BY CHARLEY FOSTER AND ASSOCIATES 2001 (JB)

AJ8248'THE MONUMENT IS LOCATED 5.0 MILES (8.05 KM) EAST OF INDIANTOWN, FL.

AJ8248'AND 8.9 MILES (14.32 KM) WEST OF THE

AJ8248'I-95 AND STATE ROAD 76 INTERCHANGE SOUTHWEST OF STUART, FL., SECTION

AJ8248'31, TOWNSHIP 39 SOUTH,

AJ8248'RANGE 40 EAST.

AJ8248'

AJ8248'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.

AJ8248'

AJ8248'TO REACH MONUMENT FROM THE JUNCTION OF THE STATE ROAD 710 RAMP AND

AJ8248'STATE ROAD 76 IN

AJ8248'INDIANTOWN, GO EAST 5.0 MILES (8.05 KM) ALONG STATE ROAD 76 TO THE

AJ8248'MONUMENT LOCATION ON THE

AJ8248'NORTH (LEFT) SIDE OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT

AJ8248'LOCATION IS A CONCRETE POST SET

AJ8248'39.2 FEET (11.95 M) SOUTHWEST OF THE EAST GATE POST OF THE WESTERN

AJ8248'MOST ENTRANCE OF A NURSERY

AJ8248'AT 8775 SW KANNER ROAD (STATE ROAD 76).

AJ8248'

AJ8248'THE MONUMENT IS 48.6 FEET (14.81 M) NORTH OF THE CENTERLINE OF THE

AJ8248'ROAD, 37.0 FEET (11.28 M) SOUTH OF

AJ8248'A POWER POLE WITH GUY WIRE ON THE WEST SIDE OF ENTRANCE GATE AND 85.8

AJ8248'FEET (26.15 M) WEST OF THE

AJ8248'WEST END OF A DRIVEWAY CULVERT (8775 SW KANNER ROAD (STATE ROAD 76)).

AJ8248'NOTE A MAGNET WAS BURIED

AJ8248'NEARBY AT AN UNSPECIFIED POSITION.

AJ8248'

AJ8248

AJ8248 STATION RECOVERY (2002)

AJ8248

AJ8248'RECOVERY NOTE BY MAPTECH INCORPORATED 2002 (CDP)

DATASHEETS

AJ8248'THE MONUMENT IS LOCATED 5.0 MILES (8.05 KM) EAST OF INDIANTOWN, FL.
AJ8248'AND 8.9 MILES (14.32 KM)
AJ8248'WEST OF THE
AJ8248'I-95 AND STATE ROAD 76 INTERCHANGE SOUTHWEST OF STUART, FL., SECTION
AJ8248'31, TOWNSHIP 39
AJ8248'SOUTH,
AJ8248'RANGE 40 EAST.
AJ8248'
AJ8248'OWNERSHIP IS FLORIDA DEPARTMENT OF TRANSPORTATION.
AJ8248'
AJ8248'TO REACH MONUMENT FROM THE JUNCTION OF THE STATE ROAD 710 RAMP AND
AJ8248'STATE ROAD 76 IN
AJ8248'INDIANTOWN, GO EAST 5.0 MILES (8.05 KM) ALONG STATE ROAD 76 TO THE
AJ8248'MONUMENT LOCATION ON
AJ8248'THE
AJ8248'NORTH (LEFT) SIDE OF THE ROAD IN THE RIGHT OF WAY. THE MONUMENT
AJ8248'LOCATION IS A CONCRETE
AJ8248'POST SET
AJ8248'39.2 FEET (11.95 M) SOUTHWEST OF THE EAST GATE POST OF THE WESTERN
AJ8248'MOST ENTRANCE OF A
AJ8248'NURSERY
AJ8248'AT 8775 SW KANNER ROAD (STATE ROAD 76).
AJ8248'
AJ8248'THE MONUMENT IS 48.6 FEET (14.81 M) NORTH OF THE CENTERLINE OF THE
AJ8248'ROAD, 37.0 FEET (11.28 M)
AJ8248'SOUTH OF
AJ8248'A POWER POLE WITH GUY WIRE ON THE WEST SIDE OF ENTRANCE GATE AND 85.8
AJ8248'FEET (26.15 M)
AJ8248'WEST OF THE
AJ8248'WEST END OF A DRIVEWAY CULVERT (8775 SW KANNER ROAD (STATE ROAD 76)).
AJ8248'NOTE A MAGNET WAS
AJ8248'BURIED
AJ8248'NEARBY AT AN UNSPECIFIED POSITION.
AJ8248'
AJ8248'STATION RECOVERY (2002)
AJ8248'RECOVERY NOTE BY MAPTECH, INCORPORATED 2002 (CDP)
AJ8248'RECOVERED AS DESCRIBED.
AJ8248'
AJ8248'

*** retrieval complete.
Elapsed Time = 00:00:00

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV. NAVD-88	NOTES
	NGS BM	6.81							
01/05/06	AJ5250	5.43	5.43	29.31				23.88	
	(GCY D08)	4.04							
					7.45				
(FB 2564, PG 22...)	TP#1				5.48	5.48	23.83		
					3.51				
		6.63							
	SHAKE	4.62	4.62	28.45					
		2.61							
					6.94				
	TP#2				4.85	4.85	23.60		
					2.76				
		7.20							
	SHAKE	5.00	5.00	28.60					
		2.80							
					8.64				
	TP#3				6.55	6.55	22.05		
					4.46				
		7.31							
	SHAKE	5.35	5.35	27.40					
		3.39							
					4.98				
	TP#4				3.28	3.28	24.12		
					1.58				
		7.72							
	SHAKE	5.58	5.58	29.70					
		3.44							
					7.02				
	TP#5				4.97	4.97	24.73		
					2.91				
		6.59							
	SHAKE	5.00	5.00	29.73					
		3.40							
					6.75				
	TP#6				4.92	4.92	24.81		
					3.09				
		6.53							
	SHAKE	4.92	4.92	29.73					
		3.31							
					6.93				
	TBM#1				5.08	5.08	24.65		
					3.23				
		6.58							
	SHAKE	4.73	4.73	29.37					
		2.88							
					6.32				
	TBM#2				4.81	4.81	24.56		
					3.30				

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV. NAVD-88	NOTES
		6.75							
	SHAKE	5.24	5.24	29.80					
		3.73							
	TP#7				6.61				
					5.00	5.00	24.80		
					3.39				
	SHAKE	6.68							
		4.85	4.85	29.65					
		3.01							
	TP#8				6.51				
					4.92	4.92	24.73		
					3.33				
	SHAKE	6.42							
		4.81	4.81	29.54					
		3.20							
	TP#9				8.02				
					5.43	5.43	24.11		
					2.84				
	SHAKE	4.84							
		2.92	2.92	27.03					
		1.00							
	TP#10				6.71				
					4.97	4.97	22.06		
					3.23				
	SHAKE	8.41							
		6.43	6.43	28.49					
		4.45							
	TP#11				7.20				
					4.88	4.88	23.61		
					2.56				
	SHAKE	6.38							
		4.42	4.42	28.02					
		2.46							
	TP#12				6.33				
					4.19	4.19	23.83		
					2.05				
	SHAKE	6.97							
		5.33	5.33	29.16					
		3.69							
	TP#13				6.89				
					5.08	5.08	24.08		
					3.27				
	SHAKE	7.15							
		5.29	5.29	29.37					
		3.43							
	TP#14				6.65				
					4.53	4.53	24.84		
					2.41				
	SHAKE	7.18							
		4.76	4.76	29.60					
		2.34							

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV. NAVD-88	NOTES
					6.88				
	TP#15				4.61	4.61	25.00		
					2.33				
		6.19							
	SHAKE	4.10	4.10	29.10					
		2.01							
					6.55				
	TP#16				4.57	4.57	24.53		
					2.59				
		6.26							
	SHAKE	4.54	4.54	29.06					
		2.82							
	NGS BM				7.18				ERROR
	AJ5627				6.57	6.57	22.50	22.48	-0.01
	(X 516)				5.96				
		5.50							
	TBM#1	5.39	5.39	30.03			24.65		
		5.27							
	WELL				6.93				TOP OF PIPE
	M1236				6.63	6.63	23.41		WELL
					6.32				M1236
		7.36							
	SHAKE	7.08	7.08	30.48					
		6.79							
	WELL				7.29				TOP OF PIPE
	M1273				7.00	7.00	23.48		WELL
					6.71				M1273
		7.55							
	SHAKE	7.26	7.26	30.74					
		6.97							
	DISK				7.51				SET SFWMD
	M1236				7.23	7.23	23.51		DISK STAMPED
					6.95				M 1236 2006
		6.96							
	SHAKE	6.67	6.67	30.18					
		6.38							
01/05/06					5.97				ERROR
(FB 2564, PG 27)	TBM#2				5.62	5.62	24.57	24.56	0.00
					5.27				

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV. NGVD29	NOTES
	NGS BM	6.81							
01/05/06	AJ5250	5.43	5.43	30.78				25.35	
	(GCY D08)	4.04							
					7.45				
(FB 2564, PG 22...)	TP#1				5.48	5.48	25.30		
					3.51				
		6.63							
	SHAKE	4.62	4.62	29.92					
		2.61							
					6.94				
	TP#2				4.85	4.85	25.07		
					2.76				
		7.20							
	SHAKE	5.00	5.00	30.07					
		2.80							
					8.64				
	TP#3				6.55	6.55	23.52		
					4.46				
		7.31							
	SHAKE	5.35	5.35	28.87					
		3.39							
					4.98				
	TP#4				3.28	3.28	25.59		
					1.58				
		7.72							
	SHAKE	5.58	5.58	31.17					
		3.44							
					7.02				
	TP#5				4.97	4.97	26.20		
					2.91				
		6.59							
	SHAKE	5.00	5.00	31.20					
		3.40							
					6.75				
	TP#6				4.92	4.92	26.28		
					3.09				
		6.53							
	SHAKE	4.92	4.92	31.20					
		3.31							
					6.93				
	TBM#1				5.08	5.08	26.12		
					3.23				
		6.58							
	SHAKE	4.73	4.73	30.84					
		2.88							
					6.32				
	TBM#2				4.81	4.81	26.03		
					3.30				

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV. NGVD29	NOTES
		6.75							
	SHAKE	5.24	5.24	31.27					
		3.73							
	TP#7				6.61				
					5.00	5.00	26.27		
					3.39				
	SHAKE	6.68							
		4.85	4.85	31.12					
		3.01							
	TP#8				6.51				
					4.92	4.92	26.20		
					3.33				
	SHAKE	6.42							
		4.81	4.81	31.01					
		3.20							
	TP#9				8.02				
					5.43	5.43	25.58		
					2.84				
	SHAKE	4.84							
		2.92	2.92	28.50					
		1.00							
	TP#10				6.71				
					4.97	4.97	23.53		
					3.23				
	SHAKE	8.41							
		6.43	6.43	29.96					
		4.45							
	TP#11				7.20				
					4.88	4.88	25.08		
					2.56				
	SHAKE	6.38							
		4.42	4.42	29.49					
		2.46							
	TP#12				6.33				
					4.19	4.19	25.30		
					2.05				
	SHAKE	6.97							
		5.33	5.33	30.63					
		3.69							
	TP#13				6.89				
					5.08	5.08	25.55		
					3.27				
	SHAKE	7.15							
		5.29	5.29	30.84					
		3.43							
	TP#14				6.65				
					4.53	4.53	26.31		
					2.41				
	SHAKE	7.18							
		4.76	4.76	31.07					
		2.34							

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV. NGVD29	NOTES
					6.88				
	TP#15				4.61	4.61	26.47		
					2.33				
		6.19							
	SHAKE	4.10	4.10	30.57					
		2.01							
					6.55				
	TP#16				4.57	4.57	26.00		
					2.59				
		6.26							
	SHAKE	4.54	4.54	30.53					
		2.82							
	NGS BM				7.18				ERROR
	AJ5627				6.57	6.57	23.97	23.95	-0.02
	(X 516)				5.96				
		5.50							
	TBM#1	5.39	5.39	31.50			26.12		
		5.27							
	WELL				6.93				TOP OF PIPE
	M1236				6.63	6.63	24.88		WELL
					6.32				M1236
		7.36							
	SHAKE	7.08	7.08	31.95					
		6.79							
	WELL				7.29				TOP OF PIPE
	M1273				7.00	7.00	24.95		WELL
					6.71				M1273
		7.55							
	SHAKE	7.26	7.26	32.21					
		6.97							
	DISK				7.51				SET SFWMD
	M1236				7.23	7.23	24.98		DISK STAMPED
					6.95				M 1236 2006
		6.96							
	SHAKE	6.67	6.67	31.65					
		6.38							
01/05/06					5.97				ERROR
(FB 2564,	TBM#2				5.62	5.62	26.04	26.03	0.00
PG 27)					5.27				