```
Identification_Information:
        Citation:
                Citation_Information:
                        Originator: Mike J. Bartholomew
                        Publication_Date: Unpublished material
                        Publication_Time: Unknown
                        Title: East Coast Aquifer Monitoring Wells (M1259)
                        Edition: 1.0
                        Series_Information:
                        Publication_Information:
                        Larger_Work_Citation:
                                Citation_Information:
                                        Series_Information:
                                        Publication_Information:
        Description:
                Abstract: East Coast Aquifer Monitoring Wells (M1259)
                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 from the intersection of US-1 and
                        S.E. Bridge Road (SR-708).
        Time_Period_of_Content:
                Time_Period_Information:
                        Single_Date/Time:
                        Range_of_Dates/Times:
                                Beginning_Date: 20060118
                                Ending_Date: 20060222
                        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°09'47"
                        East_Bounding_Coordinate: -080°09'47"
                        North_Bounding_Coordinate: +27°02'38"
                        South_Bounding_Coordinate: +27°02'38"
        Keywords:
                Theme:
                        Theme_Keyword_Thesaurus: None
                        Theme_Keyword: Well Site
                        Theme_Keyword: MARTIN
                        Theme_Keyword: M1259
                Place:
                        Place_Keyword_Thesaurus: None
                        Place_Keyword: East Coast Aquifer Monitoring Wells (M1259)
                        Place_Keyword: Martin County, Florida
                        Place_Keyword: Florida
                        Place_Keyword: Sec.29 , Twp. 39S, Rge 42E
                Stratum:
                Temporal:
        Access_Constraints: None
        Use_Constraints: None
        Point_of_Contact:
                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
                                City: West Palm Beach
                                State_or_Province: Fl
                                Postal_Code: 33406
```

Mike J. Bartholomew
Biscayne Engineering

Purpose

Survey Date

Elvie Ebanks
SFWMD

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 AJ5611 (P516) and AJ5248 (GCY D05). Vertical data was established using NGS benchmarks AJ5248 (GCY D05) and AJ5621 (M516). 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°02'37.887"
Long. -080°09'47.106"
N 986018.598
E 928582.476
New leveled elevations.
New site benchmark "M1259" is a standard S.F.W.M.D. brass disc in the concrete encasement for tape down well.
Disc elevation is 13.64' (NAVD88).
elevation is 15.14' (NGVD29)
Top of pipe elevation is 13.27' (NAVD88)
elevation is 14.77' (NGVD29)
based on NGS NAVD88 adjustment of vertical network.
Origin of NAVD88 elevation for BM "M1259" and well "M1259" is closed bench level circuit through NGS benchmarks AJ5248 (GCY D05) and AJ5621 (M516).
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 12.41 feet at benchmark AJ5248 with an NGVD-29 value of 13.91 feet; per the NGS Adjustment of the CERP Geodetic Vertical Control Project, as provided by SFWMD. C equals 13.91 feet - 12.41 feet equals 1.50 feet. Well is situated in the vicinity of the bend in State Road 708 (S.E. Bridge Road), approximately 2 miles West of Federal Highway (U.S. 1), Martin County, Florida. TO REACH the well from the intersection of Federal Highway (U.S.-1) and S.E. Bridge Road (SR-708), travel West on S.E. Bridge Road for 2.0 miles to the bend in the road. Well is a 2-1/2" diameter pipe. Top of well is beneath the ground surface inside of a green irrigation valve box which is flush with the ground. Lying 39.2 feet North of S.E. Bridge Road, and 10.8 feet (more or less) West of the paved side road that is North of the drainage ditch. Benchmark is a brass SFWMD disc set 38.4 feet North of the North edge of pavement for S.E. Bridge Road, North of a drainage ditch, and 9.2 feet (more or less) West of the West edge of pavement of a paved side road.
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report:

Horizontal

The horizontal position of the well "M1259" was established using differential GPS. NGS points AJ5611 (P516) and AJ5248 (GCY D05) 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:
Vertical_Positional_Accuracy_Report:
A level line was run originating on NGS control point AJ5248 (GCY D05) with NAVD-88 elevation, running through well and disc "M1259" and terminated on point AJ5621 (M516) in accordance with Florida Minimum Technical Standards.

Level Line

Quantitative_Vertical_Positional_Accuracy_Assessment:
Vertical_Positional_Accuracy_Value: 0.04 feet
Vertical_Positional_Accuracy_Explanation: A bench level circuit was performed between AJ5248 (GCY D05) and AJ5621 (M516), running through well "M1259" in accordance with Florida Minimum Technical Standards (Chapter 61g17-6, FAC). Length of benchmark run is 1.64 miles. Allowable error is 0.10 feet. Achieved Accuracy is 0.04 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: 20060222
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:
Equirectangular:
General_Vertical_Near-sided_Perspective:
Gnomonic:
Lambert_Azimuthal_Equal_Area:
Lambert_Conformal_Conic:
Mercator:
Modified_Stereographic_for_Alaska:
Miller_Cylindrical:
Oblique_Mercator:
Oblique_Line_Point:
Orthographic:
Polar_Stereographic:
Polyconic:
Robinson:
Sinusoidal:
van_der_Grinten:

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                                        Stereographic:
                                        Transverse_Mercator:
                                        van_der_Grinten:
                                Grid_Coordinate_System:
                                        Universal_Transverse_Mercator:
                                                Transverse_Mercator:
                                        Universal_Polar_Stereographic:
                                                Polar_Stereographic:
                                        State_Plane_Coordinate_System:
                                                Lambert_Conformal_Conic:
                                                Transverse_Mercator:
                                                Oblique_Mercator:
                                                        Oblique_Line_Point:
                                                Polyconic:
                                        ARC_Coordinate_System:
                                                Equirectangular:
                                                Azimuthal_Equidistant:
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                                        Coordinate_Representation:
                                        Distance_and_Bearing_Representation:
                        Local:
                        Geodetic_Model:
                Vertical_Coordinate_System_Definition:
                        Altitude_System_Definition:
                        Depth_System_Definition:
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                        Attribute_Domain_Values:
                        Attribute_Value_Accuracy_Information:
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        Distributor:
                Contact_Information:
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                        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:
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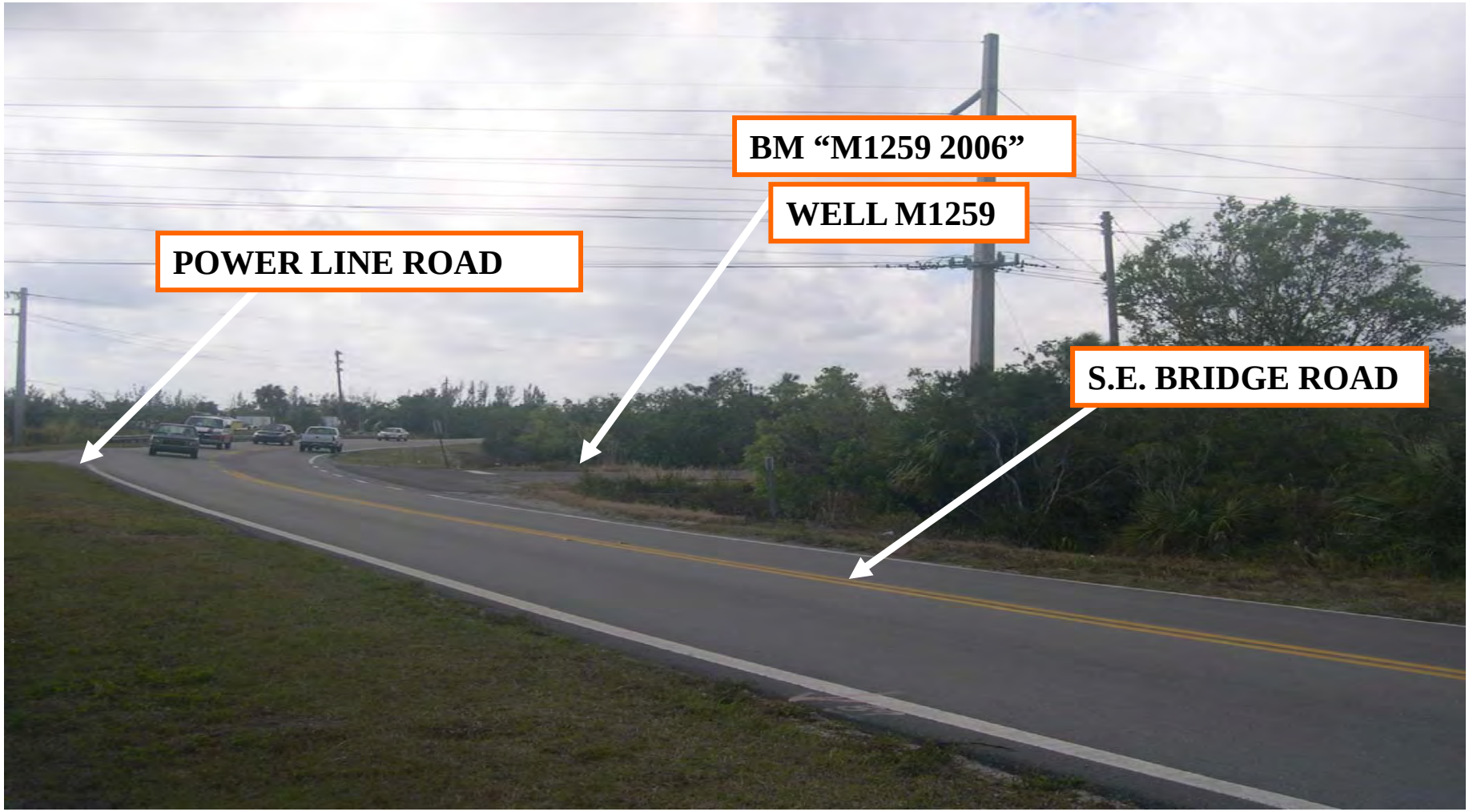
                Time_Period_Information:
                        Single_Date/Time:
                        Range_of_Dates/Times:
                        Multiple_Dates/Times:
Metadata_Reference_Information:
        Metadata_Date: 20060222
        Metadata_Contact:
                Contact_Information:
                        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
                                Address: 529 W. Flagler Street
                                City: Miami
                                State_or_Province: Fl
                                Postal_Code: 33130
```

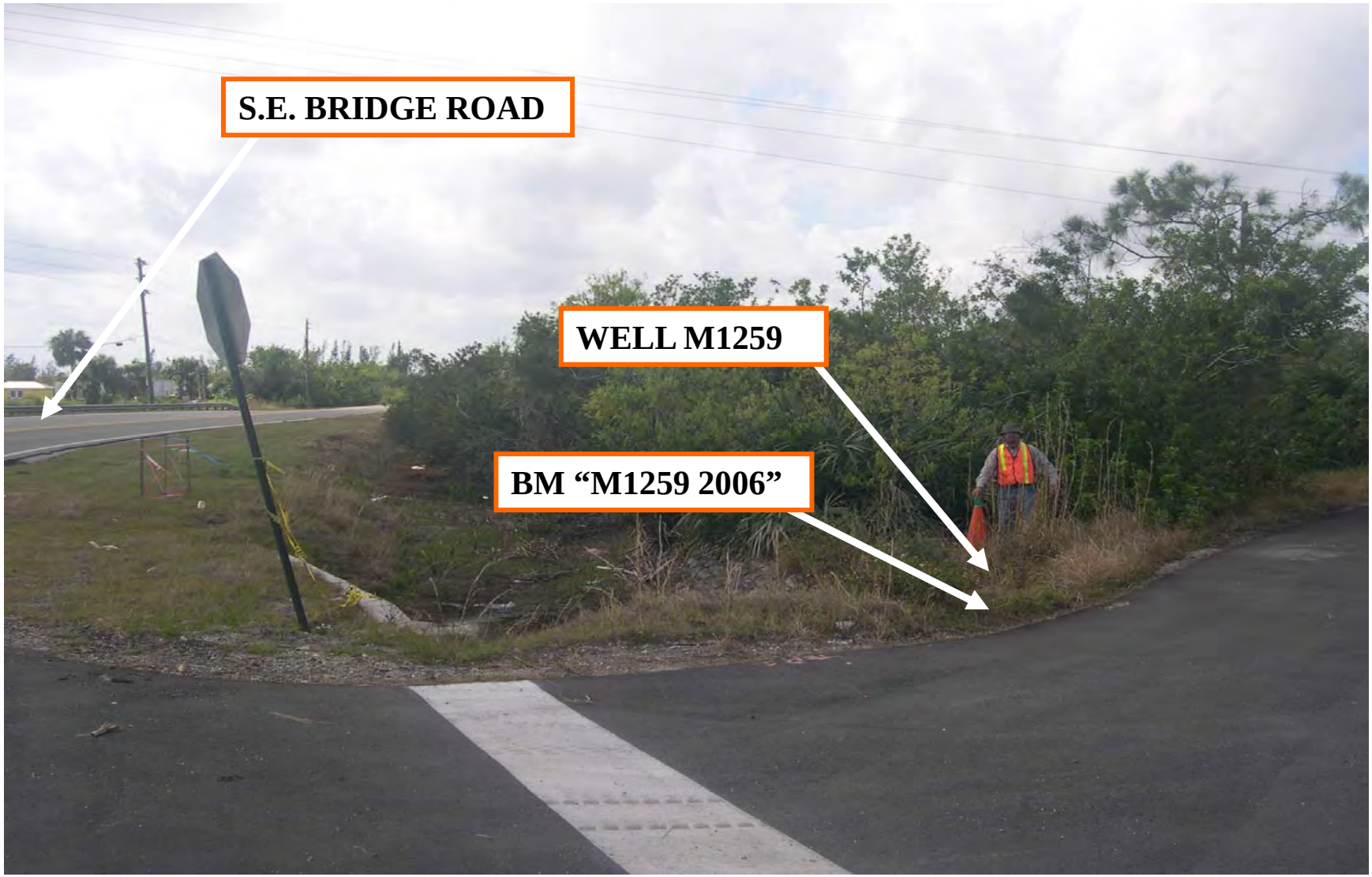
Country: USA
Contact_Voice_Telephone: (305) 324-7671
Contact_Facsimile_Telephone: (305) 324-0809
Contact_Electronic_Mail_Address: mikeb@biscayneengineering.com
Hours_of_Service: 8:00 AM to 5:00 PM EST
Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata
Metadata_Standard_Version: 1.0
Metadata_Time_Convention: Local time
Metadata_Security_Information:

M-1259



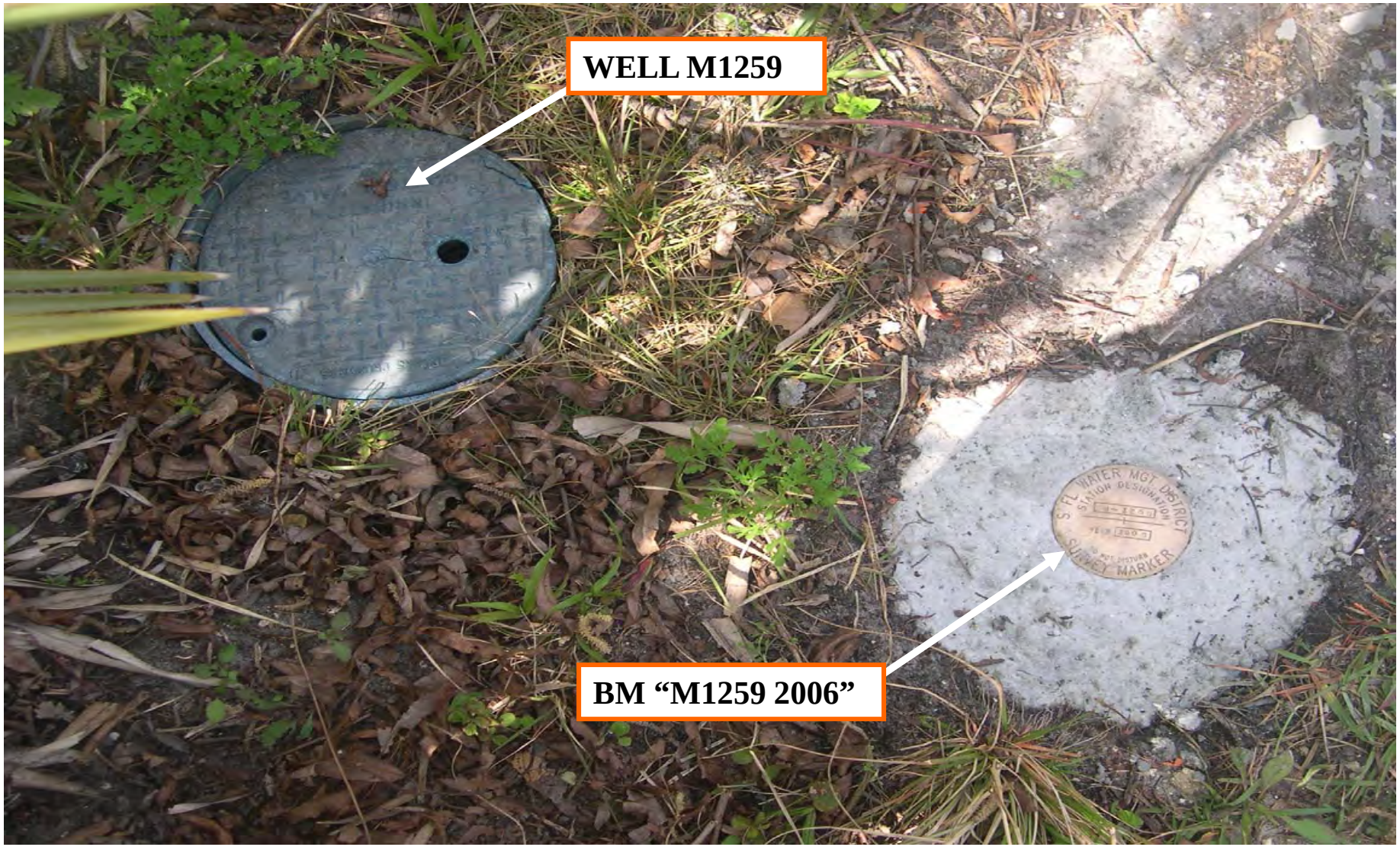
Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Looking West. BM “M1259 2006”, Well “M1259”

M-1259



Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Looking West. BM “M1259 2006”, Well “M1259”.

M-1259



Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Well M-1259 & BM “M1259 2006”.

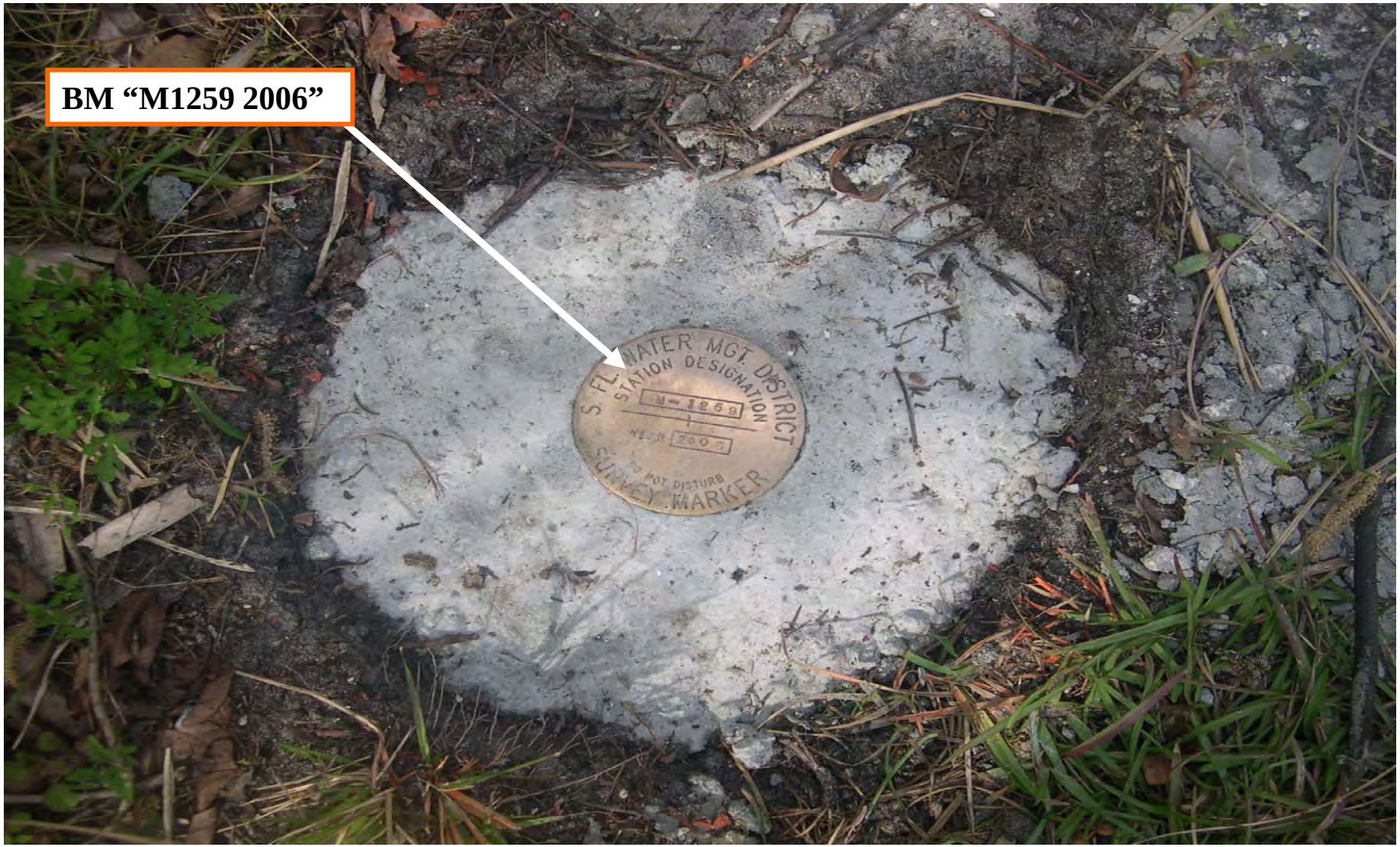
M-1259

Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Well M-1259

M-1259

Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Well M-1259

M-1259



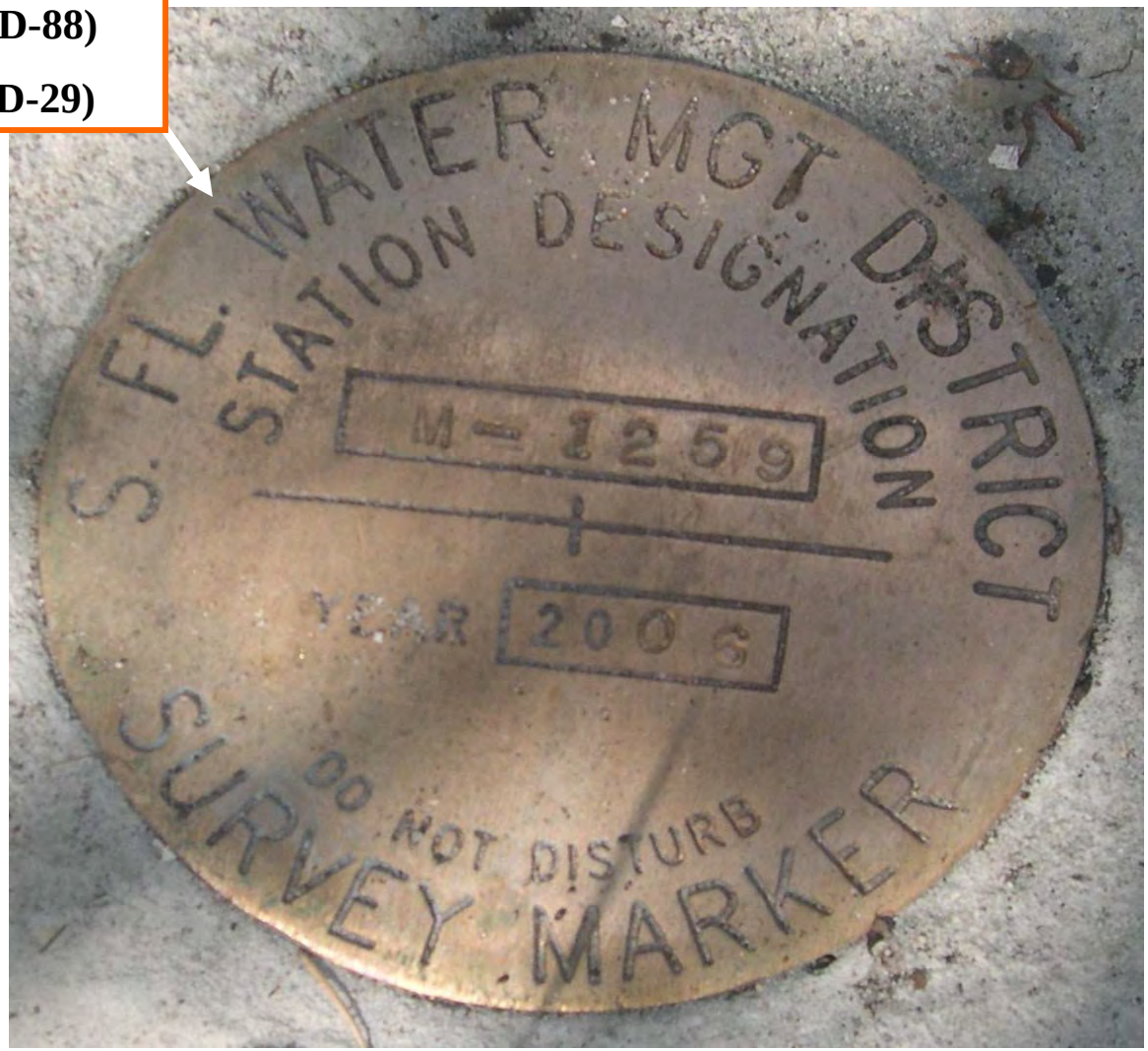
Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: BM “M1259 2006”.

M-1259

BM “M1259 2006”

Elev. =13.64' (NAVD-88)

Elev. =15.14' (NGVD-29)



Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Benchmark “M1259 2006”

M-1259

BM “M1259 2006”

Elev. =13.64' (NAVD-88)

Elev. =15.14' (NGVD-29)

Biscayne Engineering Company, Inc.
Date of Photo: 01-15-06
View: Benchmark “M1259 2006”

2564/01

A. REDERO
T. LOPEZ
L. BALLESTEROS

#03-77616
S.F.W.M.D
" SITE-K"

12/30/05

(ESTABLISH ELEV ON WELL M-1252)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV
							√23.51
	6.930						
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	✓			
	3.500						
				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			

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

CUT NL

CUT NL

CUT NL

CUT NL

MAG NL & W

MAG NL & W

REBAR

SAME CREW

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

12/30/05

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	10.560			✓				
SHAKE	10.600	10.600	35.110					REBAR
	10.340							
				0.805				
TP#5				0.620	0.620	34.490	✓	WOODEN STAKE
				0.435				
	4.950							
SHAKE	3.465	3.465	37.955	✓				WOODEN STAKE
	1.980							
				14.390				
TP#6				12.470	12.470	25.485	✓	80 D SPIKE
				10.550				
	6.370							
SHAKE	4.120	4.120	29.605	✓				80 D SPIKE
	1.870							
				6.610				
TP#7				4.730	4.730	24.875	✓	80 D SPIKE
				2.850				
	6.340							
SHAKE	5.190	5.190	30.065	✓				80 D SPIKE
	4.040							
				6.030				
TP#8				4.120	4.120	25.945	✓	80 D SPIKE
				2.210				
	7.135							
SHAKE	5.035	5.035	30.980	✓				80 D SPIKE
	2.935							

SAME CREW — #03-77616 S.F.W.M.D "SITE-K" (ELEV. CONT)

12/30/05

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
				7.330				
TP#9				5.385	5.385	25.595	✓	80 D SPIKE
				3.440				
	6.130							
SHAKE	4.315	4.315	29.910	✓				80 D SPIKE
	2.500							
				6.640				
TP#10				4.835	4.835	25.075	✓	80 D SPIKE
				3.030				
	8.080							
SHAKE	6.020	6.020	31.095	✓				80 D SPIKE
	3.960							
				8.660				
TP#11				6.370	6.370	24.725	✓	80 D SPIKE
				4.080				
	6.890							
SHAKE	4.635	4.635	29.360	✓				80 D SPIKE
	2.380							
				6.850				
TP#12				4.515	4.515	24.845	✓	80 D SPIKE
				2.180				
	6.900							
SHAKE	4.335	4.335	29.180	✓				80 D SPIKE
	1.770							
				6.950				
TP#13				5.010	5.010	24.170	✓	80 D SPIKE
				3.070				

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

#03-7761G
S.F.W.M.D.
"SITE-K"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	7.655							
SHAKE	5.525	5.525	29.695	✓				BD SPIKE
	3.395							
				8.855				
DISC M-1252				6.365	6.365	23.330	✓	SET S.F.W.M.D DISC STAMPED M-1252 2006
				2.875				
	7.085							
SHAKE	5.975	5.975	29.305	✓				"
	4.865							
				7.320				
WELL M-1252				6.115	6.115	23.190	✓	TOP OF PIPE "PVC" M-1252
				4.910				
	8.915							
SHAKE	6.325	6.325	29.515	✓ 1				"
	3.735							
				7.470				
TP#14				5.340	5.340	24.175	✓	BD SPIKE
				3.210				
	6.910							
SHAKE	4.970	4.970	29.145	✓				BD SPIKE
	3.030							
				6.860				
TP#15				4.300	4.300	24.845	✓	BD SPIKE
				1.740				
	7.050							
SHAKE	4.715	4.715	29.560	✓				BD SPIKE
	2.380							

SAME CREW

4/3/06

#03-7761C
S.F.W.M.D.
"SITE-K"
(ELEV. CONT)

	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
					7.090				
S	TP#16				4.835	4.835	24.725	✓	80 D SPIKE
					2.580				
		8.620							
A	SHAKE	6.330	6.330	31.055	✓				80 D SPIKE
		4.040							
					8.030				
S	TP#17				5.975	5.975	25.08	✓	80 D SPIKE
					3.920				
		6.760							
A	SHAKE	4.955	4.955	30.035	✓				80 D SPIKE
		3.150							
					6.250				
S	TP#18				4.440	4.440	25.595	✓	80 D SPIKE
					2.630				
		7.380							
A	SHAKE	5.440	5.440	31.035	✓				80 D SPIKE
		3.500							
					7.190				
S	TP#19				5.090	5.090	25.945	✓	80 D SPIKE
					2.990				
		6.010							
A	SHAKE	4.100	4.100	30.045	✓				80 D SPIKE
		2.190							
					6.320				
S	TP#20				5.170	5.170	24.875	✓	80 D SPIKE
					4.020				

2564/06

SAME CREW

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

1/3/06

"SITE-K"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.580							
SHAKE	4.700	4.700	29.575	✓				80 D SPIKE
	2.820							
				6.345				
TP#21				4.100	4.100	25.475	✓	80 D SPIKE
				1.955				
	14.030			✓				
SHAKE	12.110	12.110	37.585					80 D SPIKE
	10.19							
				4.580				
TP#22				3.100	3.100	34.485	✓	WOODEN STAKE
				1.620				
	1.300							
SHAKE	1.115	1.115	35.600	✓				WOODEN STAKE
	0.930							
				11.360				
TP#23				11.100	11.100	24.500	✓	REBAR
				10.840				
	5.550							
SHAKE	3.670	3.670	28.170	✓				REBAR
	1.790							
				4.460				
TP#24				3.600	3.600	24.570	✓	MAG NL & W
				2.740				
	6.090							
SHAKE	4.470	4.470	29.040	✓				MAG NL & W
	2.850							

2564/07

SANE CREW

#03-7716
S.F.W.M.D

1/3/06

"SITE-K"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM 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

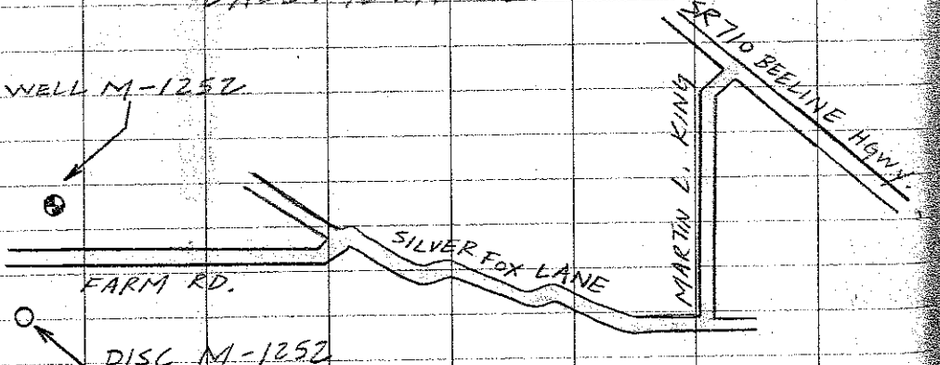
SAME CREW

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

1/3/06

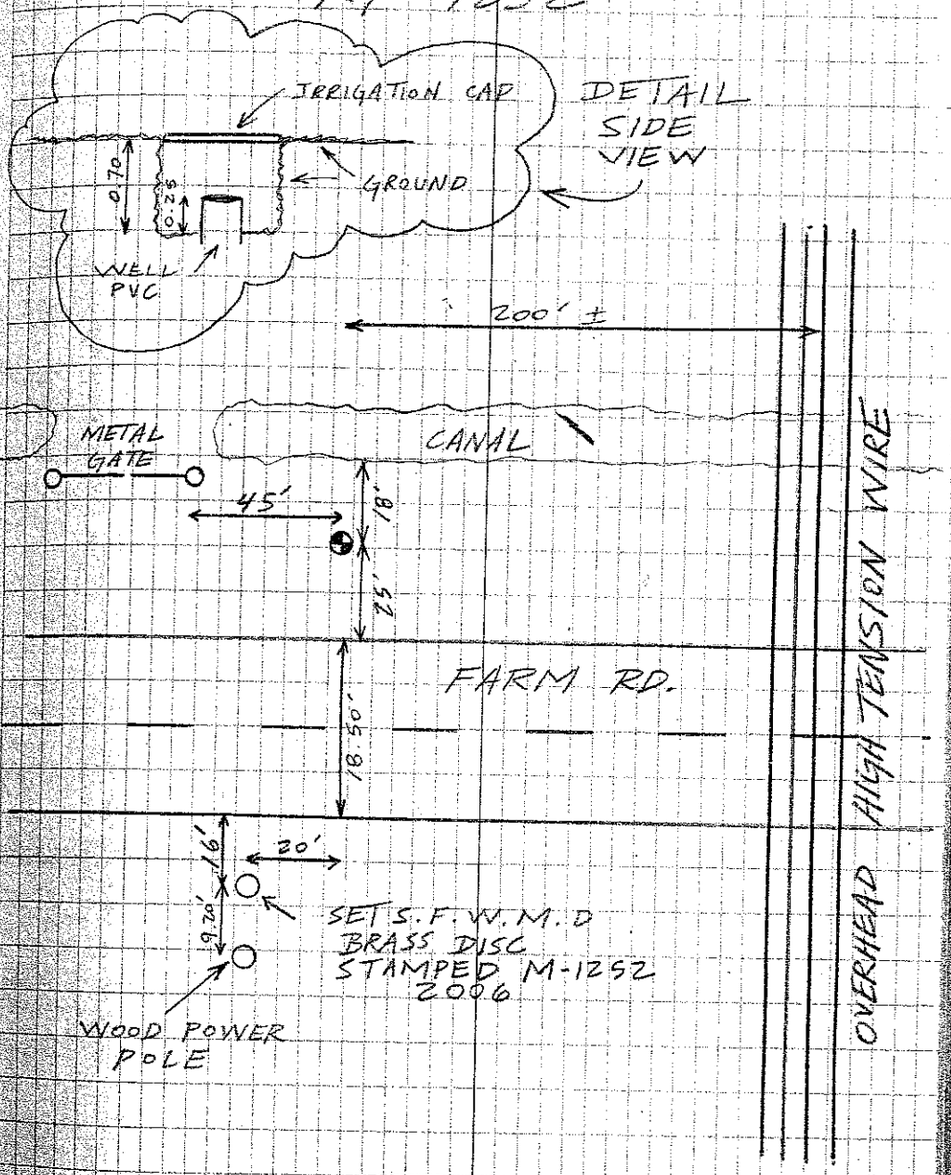
(SITE-K DESCRIPTION)

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	BM ELEV
	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			

DESC

NGS # AJ8242 (FS22) NAVD 88
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

1/3/06

#03-17616
S.F.W.M.D.
"SITE-L"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.650							
SHAKE	4.665	4.665	30.300	✓				60 D SPIKE
	2.680							
				7.820				
TP#5				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							
				7.390				
TP#6				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							
				6.820				
TP#7				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							
				7.510				
TP#8				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
1/4/06

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

	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
					6.840				
S	WELL M-1085				5.195	5.195	24.735	✓	TOP OF PIPE "STEEL" M-1085
					3.550				
		7.080							
T	SHAKE	5.435	5.435	30.170	✓				" "
		3.790							
					6.680				
S	DISC M-1085				5.035	5.035	25.135	✓	SET S.F.W.M.D DISC STAMPED M-1085 2006
					3.370				
		5.935							
T	SHAKE	4.295	4.295	29.430	✓				" "
		2.655							
					7.330				
S	TP#9				5.645	5.645	23.785	✓	60 D SPIKE
					3.960				
		7.010							
T	SHAKE	4.870	4.870	28.655	✓				60 D SPIKE
		2.730							
					5.520				
S	TP#10				3.380	3.380	25.275	✓	60 D SPIKE
					1.240				
		6.380							
T	SHAKE	4.300	4.300	29.575	✓				60 D SPIKE
		2.220							
					7.020				
S	TP#11				5.160	5.160	24.415	✓	60 D SPIKE
					3.300				

SAME CREW

1/4/06

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

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	7.060							
SHAKE	4.840	4.840	29.255	✓				60 D SPIKE
	2.620							
				6.670				
TP#12				4.670	4.670	24.585	✓	60 D SPIKE
				2.670				
	7.220							
SHAKE	5.120	5.120	29.705	✓				60 D SPIKE
	3.020							
				6.050				
TP#13				4.060	4.060	25.645	✓	60 D SPIKE
				2.070				
	5.530							
SHAKE	3.430	3.430	29.075	✓				60 D SPIKE
	1.330							
				5.830				
TP#14				3.790	3.790	25.285	✓	60 D SPIKE
				1.750				
	7.720							
SHAKE	5.590	5.590	30.875	✓				60 D SPIKE
	3.460							
				5.550				
TP#15				3.010	3.010	27.865	✓	60 D SPIKE
				0.470				
	11.640			✓				
SHAKE	9.685	9.685	37.550					60 D SPIKE
	7.730							

SAME.
CREVY
1/4/06

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

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

SAME CREW

1/4/06

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

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	5.550							
SHAKE	4.200	4.200	35.510	✓				CUT NL
	2.850							
				5.840				
TP#21				4.355	4.355	31.155	✓	CUT NL
				2.870				
	5.250							
SHAKE	4.010	4.010	35.165	✓				CUT NL
	2.770							
				5.555				
TP#22				4.035	4.035	31.130	✓	CUT NL
				2.515				
	4.550							
SHAKE	3.940	3.940	35.070	✓				CUT NL
	3.330							
				6.775		✓	✓	NGS # AJ 8241 (ES22) NAVD 88
BM				6.080	6.080	28.990	29.010	BRASS D. IN CONC MON.
				5.385		✓	✓	STAMPED ES22 2001 CERP
						ERR=0.020		

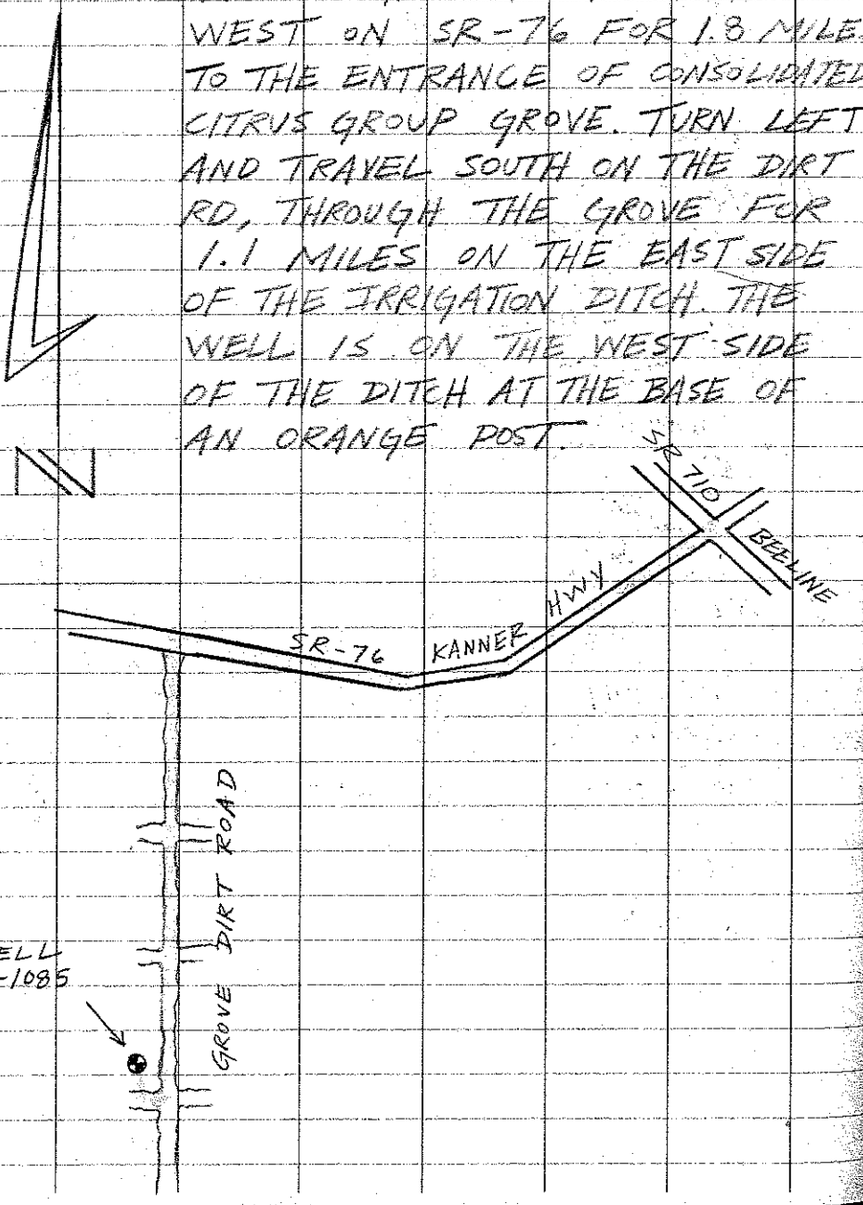
SAME CREW

1/4/06

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

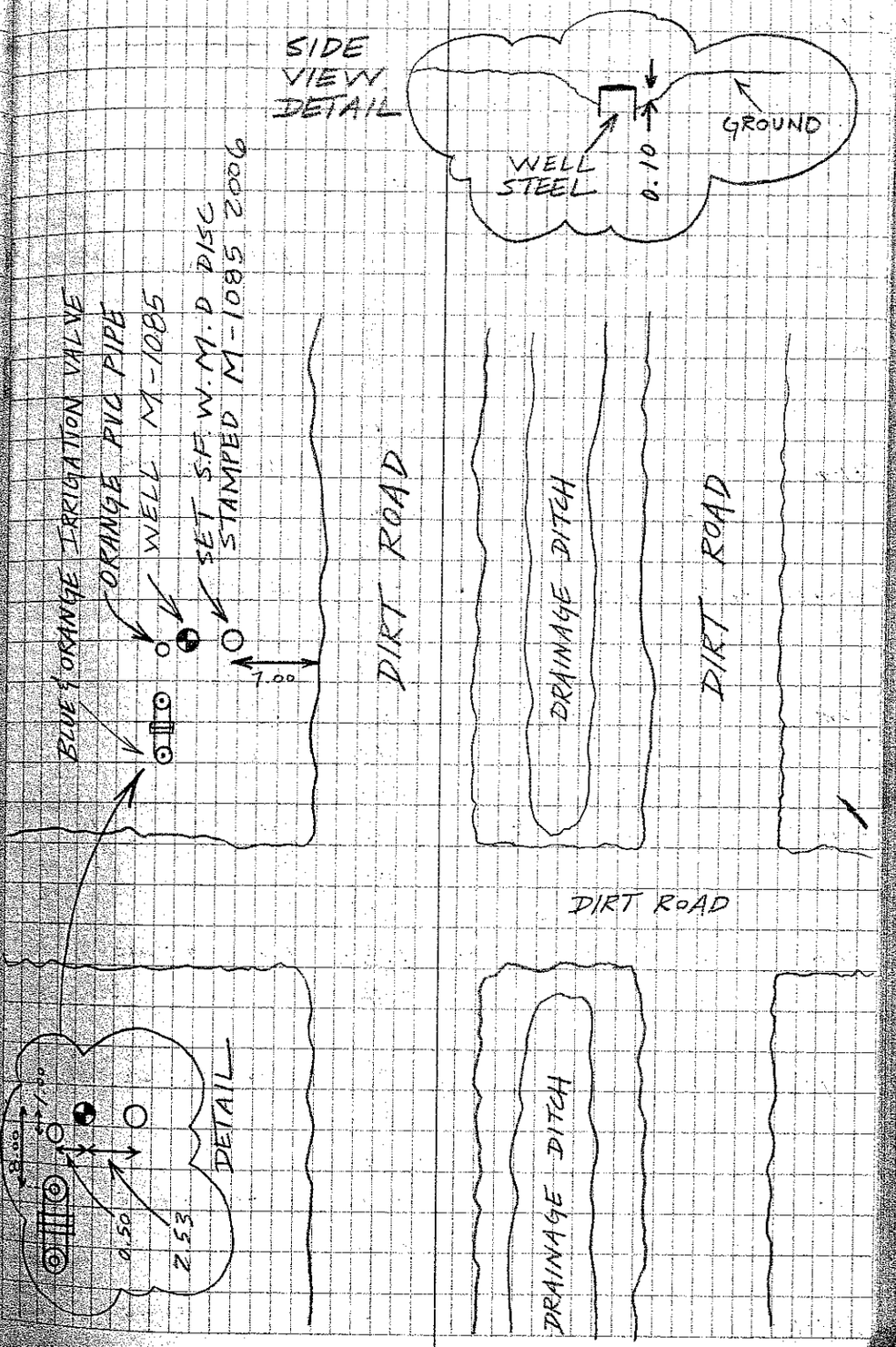
(SITE-L DESCRIPTION)

DIRECTIONS - FROM THE INTERSECTION OF SR-710 AND SR-76 TRAVEL WEST ON SR-76 FOR 1.8 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



A. REDERO
T. LOPEZ
A. SANTANA

1/5/06

#03-7716
S.F.W.M.D.

"SITE-M"

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

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.820						✓	NGS# AJ8247 (M522) NAVD 88
BM	4.910	4.910	29.78	✓			24.87	FLANGE ENCASED ROD
	3.000							STAMPED M522 2001 CERP
				5.060				
TP#1				2.985	2.985	26.795	✓	CUT NL ℄ TT
				0.910				
	6.700							
SHAKE	4.400	4.400	31.195	✓				CUT NL ℄ TT
	2.100							
				6.830				
TP#2				4.630	4.630	26.565	✓	CUT NL ℄ TT
				2.430				
	6.880							
SHAKE	4.855	4.855	31.420	✓				CUT NL ℄ TT
	2.830							
				6.270				
TP#3				4.325	4.325	27.095	✓	CUT NL ℄ TT
				2.380				
	6.510							
SHAKE	4.675	4.675	31.770	✓				CUT NL ℄ TT
	2.840							
				6.400				
TP#4				4.650	4.650	27.120	✓	CUT NL ℄ TT
				2.900				
	7.380							
SHAKE	4.600	4.600	31.72	✓				CUT NL ℄ TT
	1.820							

SAME CREW

1/5/06

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

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

SAME CREW

1/5/06

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

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.850							
SHAKE	5.305	5.305	39.155	✓				CUT NL & TT
	3.760							
				5.150				
TBM#1				4.970	4.970	34.185	✓	SET MAG NL & W IN FRONT OF WELL
				4.790				M-1244 IN ASPH.
	4.940							〃
SHAKE	4.760	4.760	38.945	✓				〃
	4.580							
				4.885				
TBM#2				4.720	4.720	34.225	✓	SET MAG NL & W IN FRONT OF WELL
				4.555				M-1245 IN ASPH.
	5.700							〃
SHAKE	5.185	5.185	39.410	✓				〃
	4.670							
				6.760				
TP#10				5.570	5.570	33.840	✓	CUT NL & TT
				4.380				
	6.340			✓				
SHAKE	4.770	4.770	38.610					CUT NL & TT
	3.200							
				7.250				
TP#11				5.555	5.555	33.055	✓	CUT NL & TT
				3.860				
	4.210							
SHAKE	2.190	2.190	35.245	✓				CUT NL & TT
	0.170							

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	DESC
				7.040				
TP#12				4.955	4.955	30.29	✓	CUT NL & TT
				2.870				
	10.670							
SHAKE	8.770	8.770	39.060	✓				CUT NL & TT
	6.870							
				7.425				
TP#13				6.815	6.815	32.245	✓	80 D SPIKE
				6.205				
	2.250							
SHAKE	1.230	1.230	33.475	✓				80 D SPIKE
	0.210							
				8.410				
TP#14				6.490	6.490	26.985	✓	CUT NL
				4.570				
	5.960			✓				
SHAKE	4.535	4.535	31.520					CUT NL
	3.110							
				5.750				
TP#15				4.320	4.320	27.200	✓	CUT NL
				2.890				
	5.420			✓				
SHAKE	4.615	4.615	31.815					CUT NL
	3.810							
				6.860		✓	✓	NGS #AJ8246 (L522) NAVD 88
BM				5.830	5.830	25.985	25.960	BRASS D IN CONC MON STAMPED L522 2001 CERP
				4.800		ERR = 0.025		

SAME CREW

1/5/06

#03-17616
S.F.W.M.D
"SITE-M"
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV.	BM ELEV	DESC
	4.320						✓	
TBM#1	4.065	4.065	38.250	✓			34.185	MAG NL & W
	3.810							
				6.300				
WELL M-1244				5.940	5.940	32.310	✓	TOP OF PIPE WELL M-1244 "PVC"
				5.580				
	5.920			✓				
SHAKE	5.555	5.555	37.865					" "
	5.190							
				4.820				
WELL M-1245				4.485	4.485	33.385	✓	TOP OF PIPE WELL M-1245 "PVC"
				4.150				
	5.280							
SHAKE	4.950	4.950	38.330	✓				" "
	4.620							
				4.980				
DISC M-1244				4.675	4.675	33.655	✓	SET S.F.W.M.D DISC STAMPED M-1244 2006
				4.370				
	4.560							
SHAKE	4.255	4.255	37.910	✓				"
	3.950							
				3.905		✓	✓	
TBM#2				3.685	3.685	34.225	34.225	MAG NL & W
				3.465		ERR = 0.000		

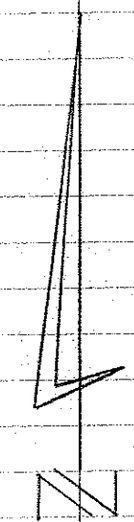
SAME CREW

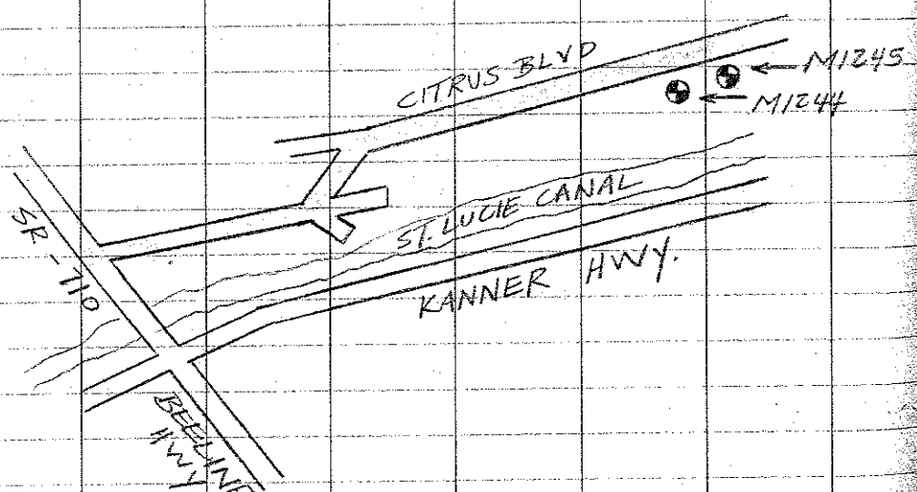
1/5/06

#03-7716
S.F.W.M.D.

(SITE-M DESCRIPTION)

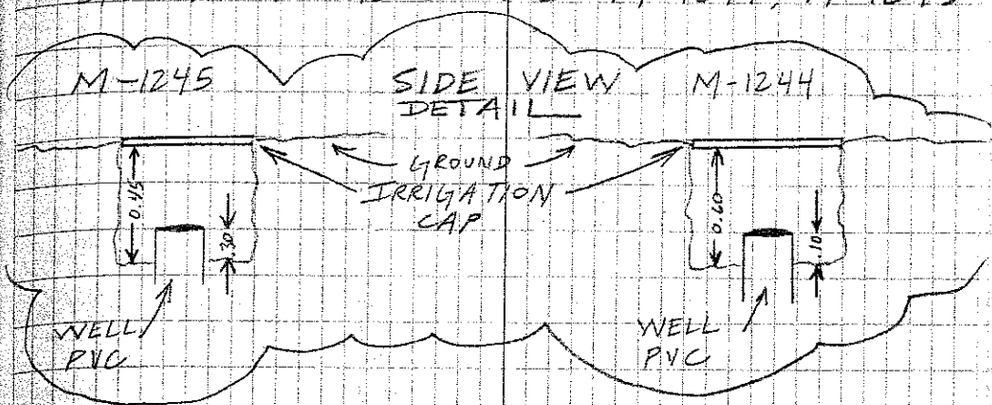
DIRECTIONS- BY INDIANTOWN FROM THE INTERSECTION OF SR-710 AND CITRUS BLVD. SR-726 TRAVEL EAST ON CITRUS BLVD FOR 4 MILES. THE WELLS ARE ON THE RIGHT SIDE THE SOUTHERN ROADSIDE EASEMENT ALONG FENCE LINE ABOUT 0.3 MILES EAST OF DRAINAGE CANAL BRIDGE.

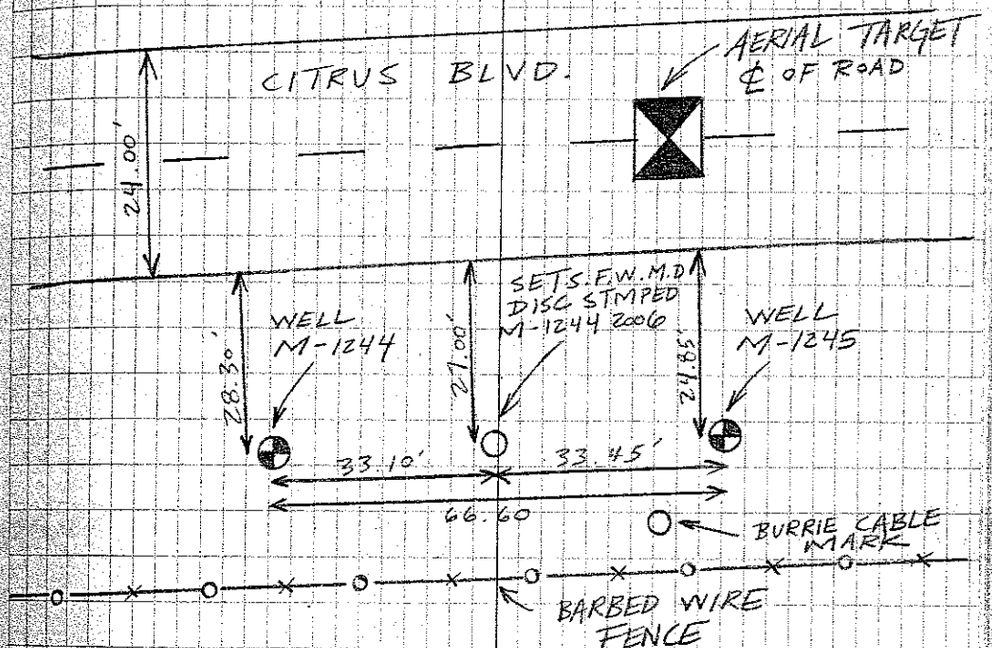




2564/21

SKETCH OF WELL SITE M-1244, M-1245





SAME CREW

1/5/06

#03-77616
S.F.W.M.D.
"SITE-N"
(ESTABLISH ELEV ON WELL SITE M-1236, M-1273)

STA	BS	MEAN	HI	FS	MEAN	ELEV.	BM ELEV	DESC
	6.910							NGS# AJ5250 (GCY D08) NAVD 88
BM	5.425	5.425	29.305	✓			23.88 ✓	BRASS D. IN CONC. MON.
	4.040							STAMPED GCY D08 2001
				7.450				
TP#1				5.480	5.480	23.825	✓	CUT NL
				3.510				
	6.630							
SHAKE	4.620	4.620	28.445	✓				CUT NL
	2.610							
				6.940				
TP#2				4.850	4.850	23.595	✓	CUT NL
				2.760				
	7.200							
SHAKE	5.000	5.000	28.595	✓				CUT NL
	2.800							
				8.640				
TP#3				6.550	6.550	22.045	✓	CUT NL
				4.460				
	7.310							
SHAKE	5.350	5.350	27.395	✓				CUT NL
	3.390							
				4.980				
TP#4				3.280	3.280	24.115	✓	CUT NL
				1.580				
	7.720							
SHAKE	5.580	5.580	29.695	✓				CUT NL
	3.440							

SAME CREW

1/5/06

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

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

SAME CREW

1/5/06

#03-77616
S.F.W.M.D.
" 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							
				6.510				
TP#8				4.920	4.920	24.725	✓	CUT NL
				3.330				
	6.420							
SHAKE	4.810	4.810	29.535	✓				CUT NL
	3.200							
				8.020				
TP#9				5.430	5.430	24.105	✓	CUT NL
				2.840				
	4.840							
SHAKE	2.920	2.920	27.025	✓				CUT NL
	1.000							
				6.710				
TP#10				4.970	4.970	22.055	✓	CUT NL
				3.230				
	8.410							
SHAKE	6.430	6.430	28.485	✓				CUT NL
	4.450							
				7.200				
TP#11				4.880	4.880	23.605	✓	CUT NL
				2.560				
	6.375							
SHAKE	4.415	4.415	28.020	✓				CUT NL
	2.455							

SAME CREW

1/5/06

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

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

SAME CREW

1/5/06

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

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
				6.550				
TP#16				4.570	4.570	24.525	✓	CUT NL
				2.590				
	6.255							
SHAKE	4.535	4.535	29.060	✓				CUT NL
	2.815							
				7.175		✓		
BM				6.565	6.565	22.495	22.48 ✓	NGS # AJ5627 (X516) NAVD88
				5.955		ERR=0.015 ✓		BRASS D. IN CONC. MON.
								STAMPED X516 2001

SAME CREW

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

1/5/06

STA	BS	MEAN	HI	FS	MEAN	ELEV.	BM ELEV.	DESC.
	5.500							
TBM#1	5.385	5.385	30.030	✓			24.645	MAG NL & W
	5.270							
				6.930				
WELL M-1236				6.625	6.625	23.405	✓	TOP OF PIPE M-1236 " PVC"
				6.320				
	7.360							
SHAKE	7.075	7.075	30.480	✓				" "
	6.790							
				7.290				
WELL M-1273				7.000	7.000	23.480	✓	TOP OF PIPE M-1273 " PVC"
				6.710				
	7.550							
SHAKE	7.260	7.260	30.740	✓				" "
	6.970							
				7.510		✓		
DISC M-1236				7.230	7.230	23.510		SET S.F.W.M.D DISC STAMPED M-1236 2006
				6.950				
	6.960							
SHAKE	6.670	6.670	30.180	✓				" "
	6.380							
				5.965		✓	✓	
TBM#2				5.615	5.615	24.565	24.560	MAG NL & W
				5.265				
						ERR = 0.005	✓	

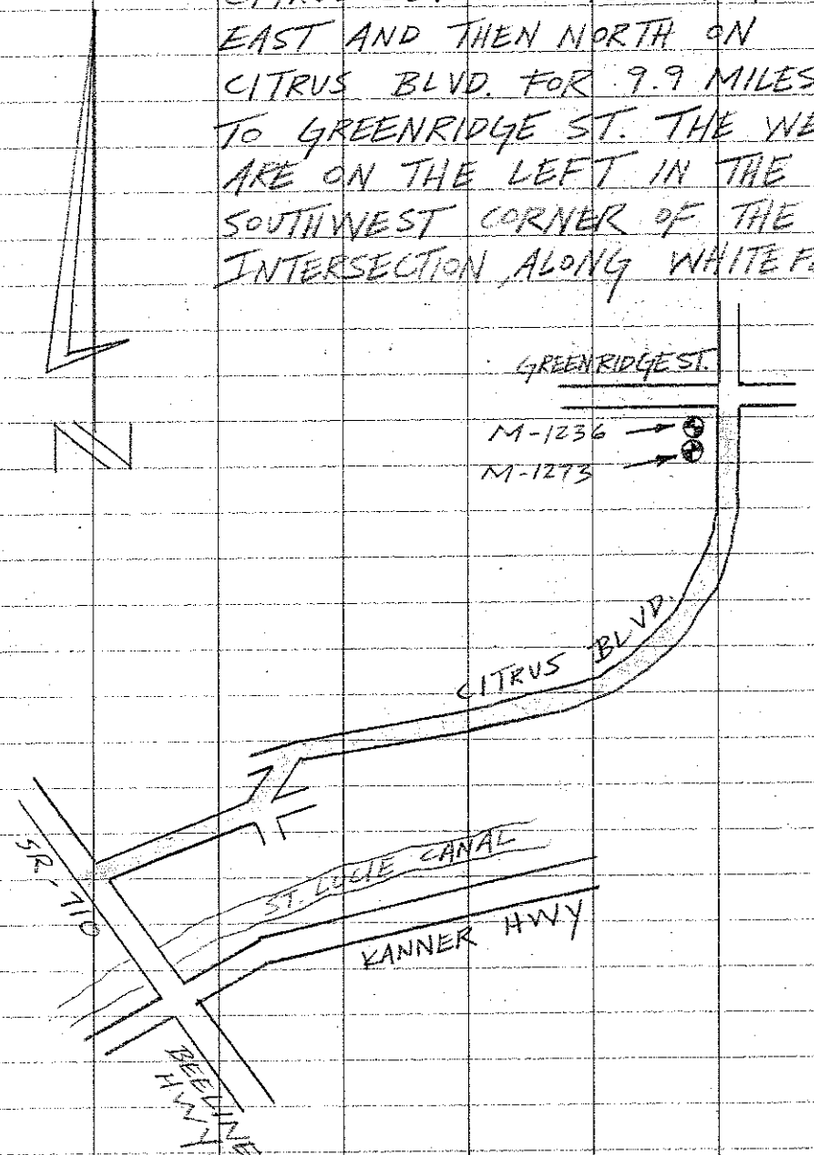
SAME CREW

1/5/06

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

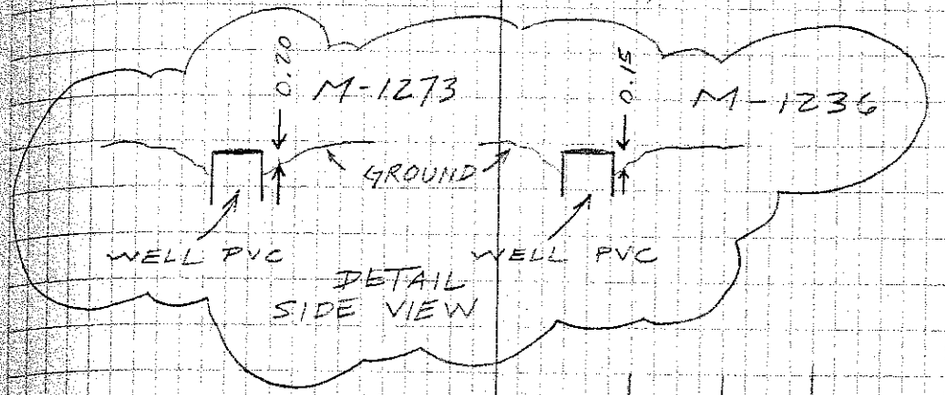
(SITE-N DESCRIPTION)

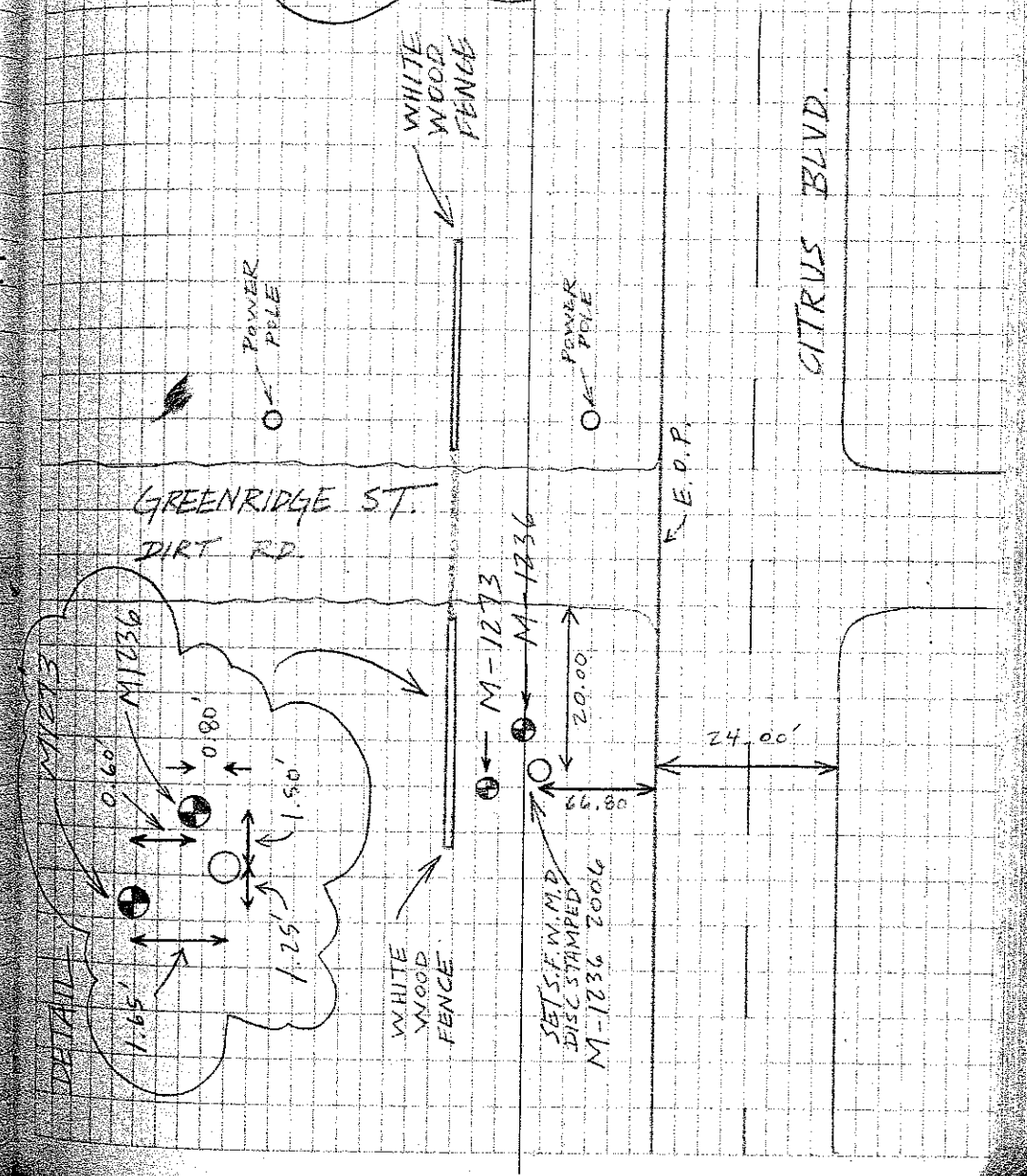
DIRECTIONS - BY INDIANTOWN FROM THE INTERSECTION SR-710 AND CITRUS BLVD. SR-726 TRAVEL EAST AND THEN NORTH ON CITRUS BLVD. FOR 9.9 MILES TO GREENRIDGE ST. THE WELLS ARE ON THE LEFT IN THE SOUTHWEST CORNER OF THE INTERSECTION ALONG WHITE FENCE.



2567 / 28

SKETCH OF WELL SITE M-1273, M1236





A. REDERO #03-77616
T. LOPEZ S.F.W.M.D
P. NAYLOR " SITE-O "
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						
				10.050			
DISC M-1274				7.910	7.910	20.570	✓
				5.770			
	9.420			✓			
SHAKE	7.580	7.580	28.150				
	5.740						
				8.420			
WELL M-1274				7.110	7.110	21.040	✓
				5.800			
	8.260			✓			
SHAKE	7.025	7.025	28.065				
	5.790						
				2.890			
TP#1				1.680	1.680	26.385	✓
				0.470			
	12.590			✓			
SHAKE	11.725	11.725	38.110				
	10.860						
				1.285			
TP#2				0.755	0.755	37.355	✓
				0.225			

DESC
NGS # AJ5629 (Z516) N
BRASS D. IN CONC. MON.
STAMPED Z516 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.W.M.D

" SITE-0 "

1/11/06

(ELEV. CONT.)

STA	BS	MEAN	HI	FS	MEAN ELEV	BM ELEV	DESC
	12.480						
SHAKE	11.710	11.710	49.065	✓			CUT NL
	10.940						
				2.790			
TP#3				2.180	2.180	46.885 ✓	CUT NL
				1.570			
	7.120						
SHAKE	6.860	6.860	53.745	✓			CUT NL
	6.600						
				1.910		✓	
BM				1.570	1.570	52.175 52.19	NGS # AC5386 (I-95 H 16) NAVD 88
				1.230		ERR = 0.015 ✓	BRASS D. STAMPED BM I-95 A 16 FDOT IN CONC GUARDRAIL OF BRIDGE

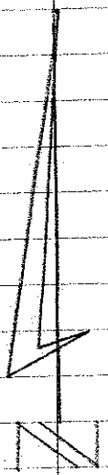
SAME CREW.

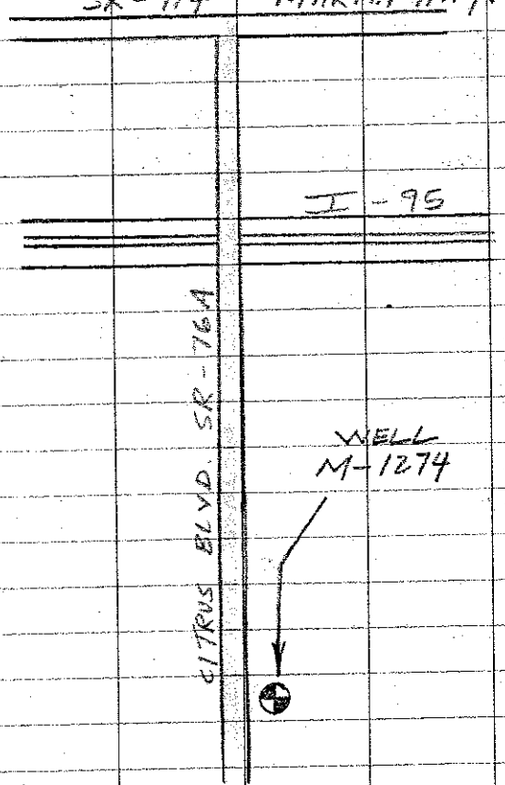
1/11/06

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

(SITE-O DESCRIPTION)

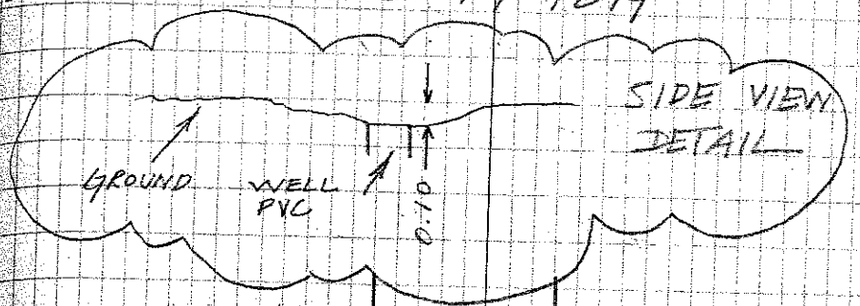
DIRECTIONS- FROM THE INTERSECTION OF SR-714 MARTIN HWY AND SR-76A CITRUS BLVD. TRAVEL SOUTH ON CITRUS BLVD. FOR 2.6 MILES TO THE WELL (JUST PASS THE I-95 OVERPASS) ON THE THE LEFT SIDE OF THE RD. NEXT TO THE DRIVEWAY FOR HOUSE # 6807.

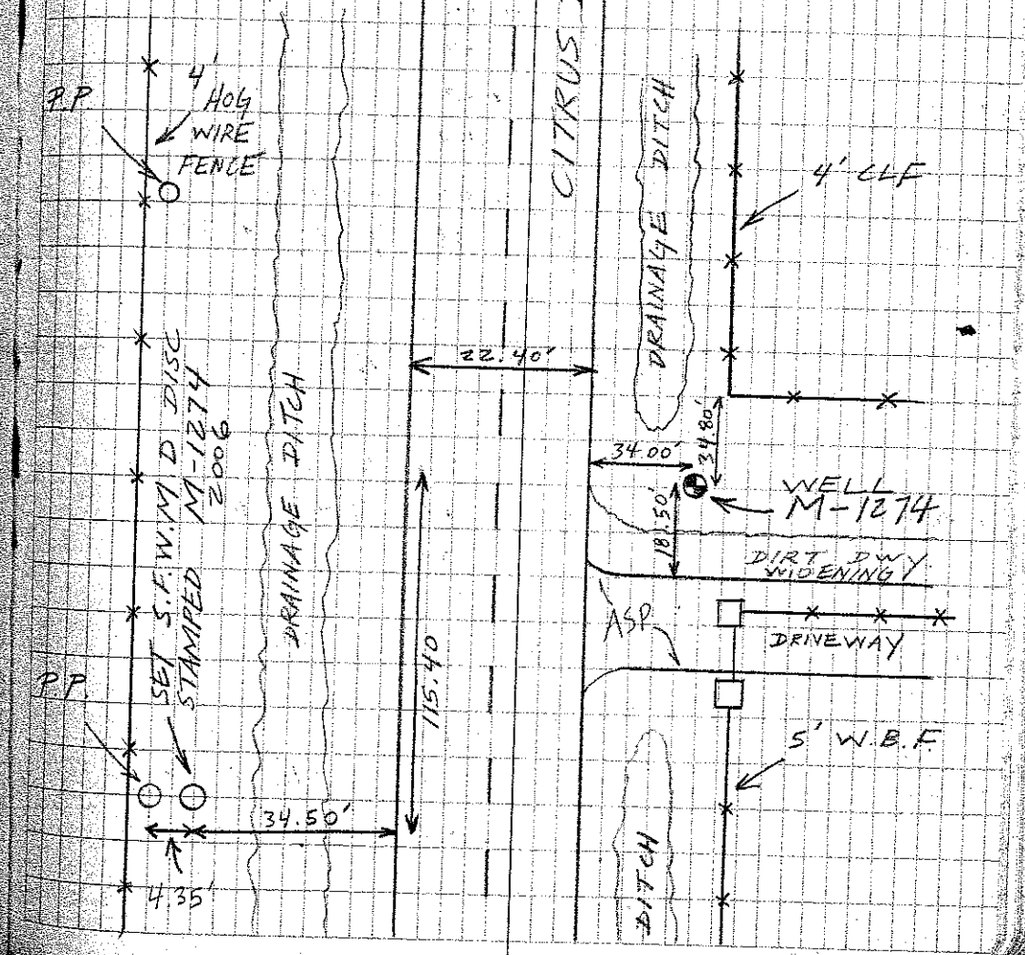




2564 / 31

SKETCH OF WELL SITE M-1274





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	BM ELEV
	8.920			✓			✓
BM	7.980	7.980	36.550	✓			28.57
	7.040						
				7.150			
TP#1				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						

IESC ✓
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	BM ELEV	DESC
				7.060				
TP#5				4.955	4.955	30.450	✓	CUT NL
				2.850				
	6.810							
SHAKE	4.455	4.455	34.905	✓				CUT NL
	2.100							
				6.635				
TP#6				4.555	4.555	30.350	✓	CUT NL
				2.475				
	6.730							
SHAKE	4.695	4.695	35.045	✓				CUT NL
	2.660							
				6.700				
TP#7				4.650	4.650	30.395	✓	CUT NL
				2.600				
	6.720							
SHAKE	4.665	4.665	35.060	✓				CUT NL
	2.610							
				6.570				
TP#8				4.770	4.770	30.290	✓	CUT NL
				2.970				
	7.430							
SHAKE	5.620	5.620	35.910	✓				CUT NL
	3.810							

SAME CREW.

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

1/11/06

" SITE - P "

(ELEV. CONT)

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

SAME CREW

1/11/06

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

" SITE-P"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.555							
SHAKE	4.475	4.475	34.830	✓				CUT NL
	2.395							
				6.730				
TP#12				4.380	4.380	30.450	✓	CUT NL
				2.030				
	6.890							
SHAKE	4.780	4.780	35.230	✓				CUT NL
	2.670							
				7.200				
TP#13				4.785	4.785	30.445	✓	CUT NL
				2.370				
	7.655							
SHAKE	5.045	5.045	35.490	✓				CUT NL
	2.435							
				7.100				
TP#14				4.950	4.950	30.540	✓	CUT NL
				2.800				
	6.385							
SHAKE	4.315	4.315	34.855	✓				CUT NL
	2.245							
				6.400				
TP#15				4.050	4.050	30.805	✓	CUT NL
				1.700				
	6.690							
SHAKE	4.980	4.980	35.785	✓				CUT NL
	3.270							

A. REDERO
T. LOPEZ
A. FERNANDEZ

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

"SITE-P"

1/12/06

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM 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							
				5.510				
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"

1/12/06

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
				3.520				
TA#20				2.400	2.400	47.395	✓	CUT NL
				1.280				
	15.960							
SHAKE	14.770	14.770	62.165	✓				CUT NL
	13.580							I95 85 A06 RM1
				4.565		✓		✓ NGS # AF 7158. (A 06) NAVD 88
BM				2.355	2.355	59.810	59.780	FDOT BRASS D. IN CONC GUARDRAIL
				0.145		\	/	STAMPED I-95 85 A 06 RM 1
						ERR=0.030 ✓		

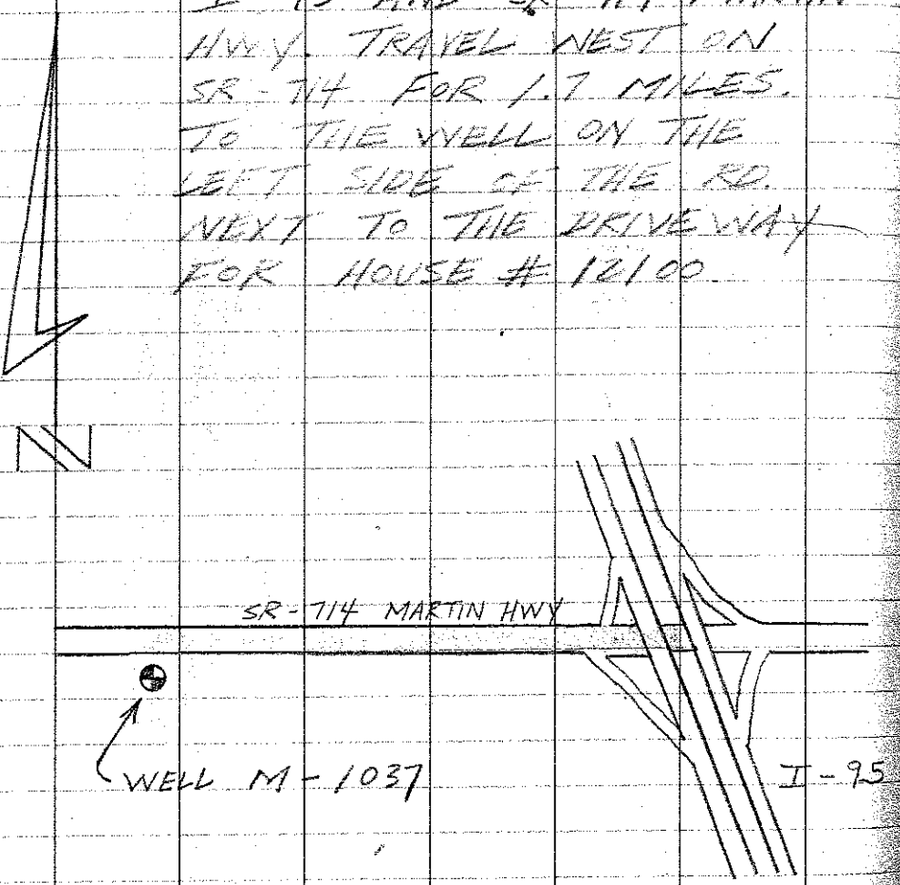
SAME CREW.

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

(SITE-P DESCRIPTION)

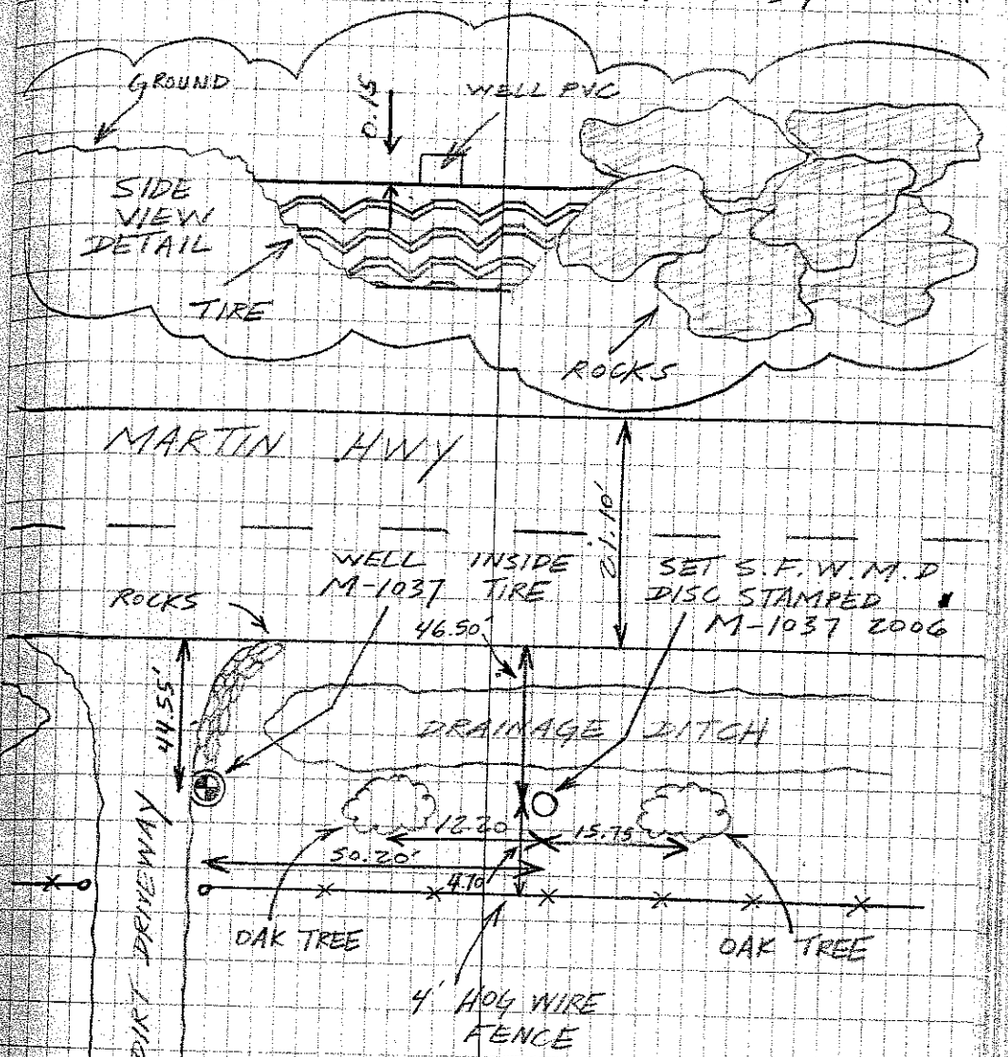
1/12/06

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



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

1/12/06 " SITE-Q "

(ESTABLISH ELEV ON WELL M-1248)

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

I-95 85 A11
DESC
NGS# AF7173 (A11) NAVD 88
FDOT BRASS D. IN CONC MON.
STAMPED I-95 85 A11

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)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
				6.580				
TP# 5				4.970	4.970	29.415	✓	60 D SPIKE
				3.360				
	6.500			✓				
SHAKE	5.685	5.685	35.100					60 D SPIKE
	4.870							
				5.640				
DISC M-1248				4.930	4.930	30.170	✓	SET S.F.W.M.D DISC STAMPED M-1248 2006
				4.220				
	5.980			✓				
SHAKE	5.270	5.270	35.440					" "
	4.560							
				5.890				
WELL M-1248				5.185	5.185	30.255	✓	TOP OF PIPE WELL M-1248 (PVC)
				4.480				
	5.590							
SHAKE	4.880	4.880	35.135	✓				" "
	4.170							
				6.540				
TP#6				5.720	5.720	29.415	✓	60 D SPIKE
				4.900				
	6.530							
SHAKE	4.920	4.920	34.335	✓				60 D SPIKE
	3.310							
				6.160				
TP#7				4.525	4.525	29.810	✓	60 D SPIKE
				2.890				

SAME CREW — #03-77616 S.F.W.M.D

1/12/06 — " SITE -Q "

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.655							
SHAKE	5.130	5.130	34.940	✓				60 D SPIKE
	3.605							
				7.210				
TP#8				5.770	5.770	29.170	✓	60 D SPIKE
				4.330				
	6.920							
SHAKE	5.340	5.340	34.510	✓				60 D SPIKE
	3.760							
				6.510				
TP#9				4.990	4.990	29.520	✓	60 D SPIKE
				3.470				
	6.780							
SHAKE	5.320	5.320	34.840	✓				60 D SPIKE
	3.860							
				6.770				
TP#10				5.390	5.390	29.450	✓	60 D SPIKE
				4.010				
	18.060							
SHAKE	17.465	17.465	46.915	✓				60 D SPIKE
	16.870							
				0.750		✓	✓	I95 85 A11 RM1
BM				0.420	0.420	46.495	46.41	NGS # AF 7174 (A11 RM1) NAVD 88
				0.090				FDOT BRASS D. IN CONC. GUARDRAIL
						ERR = 0.025		STAMPED I-95 85 A11 RM NO.1

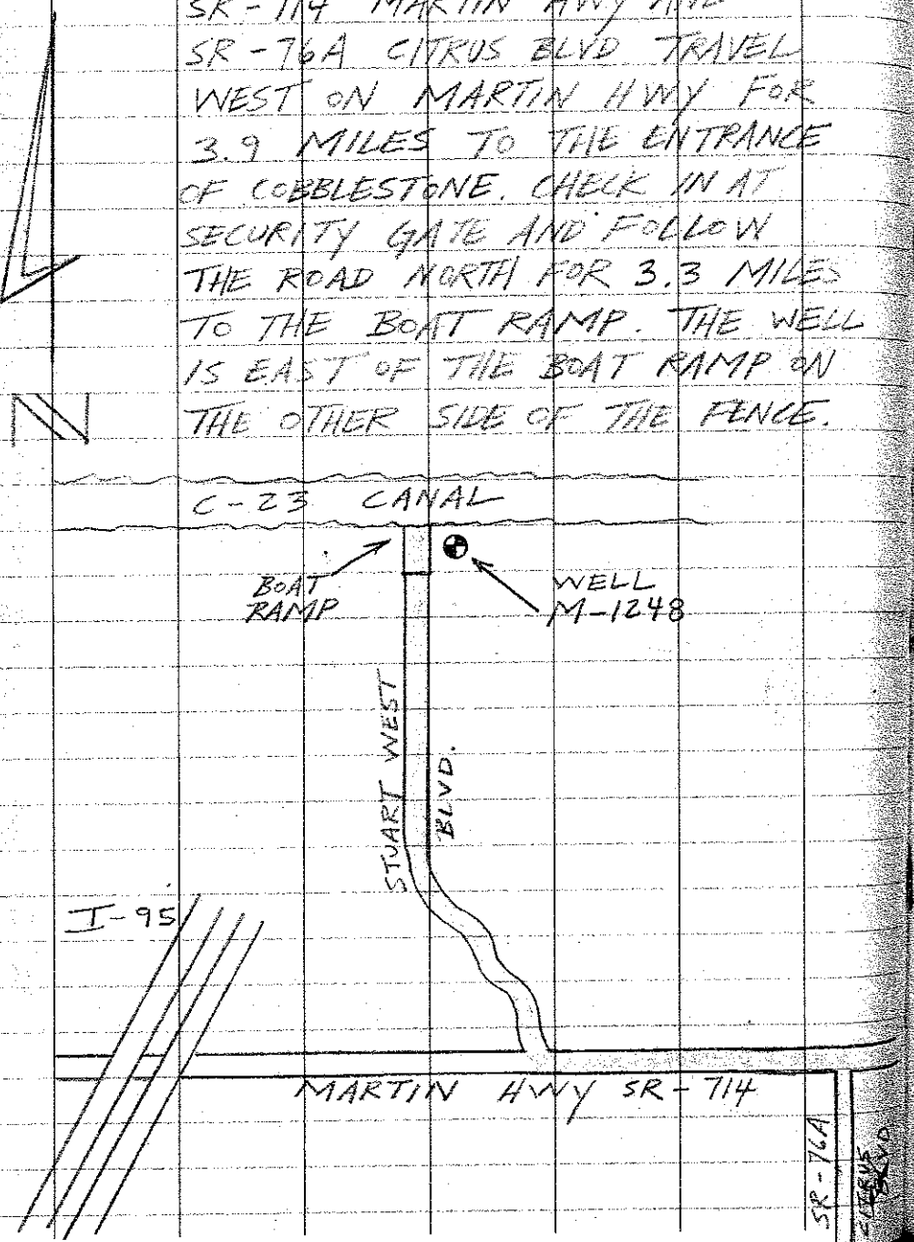
SAME CREW

1/12/06

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

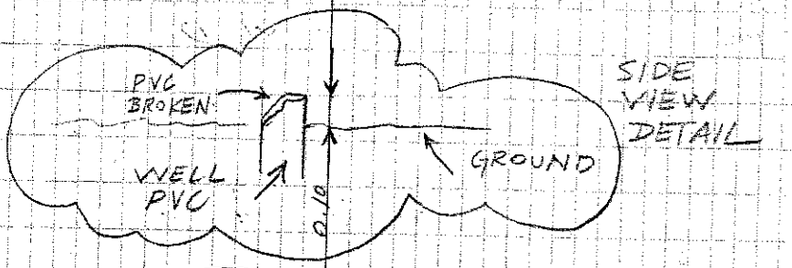
(SITE-Q DESCRIPTION)

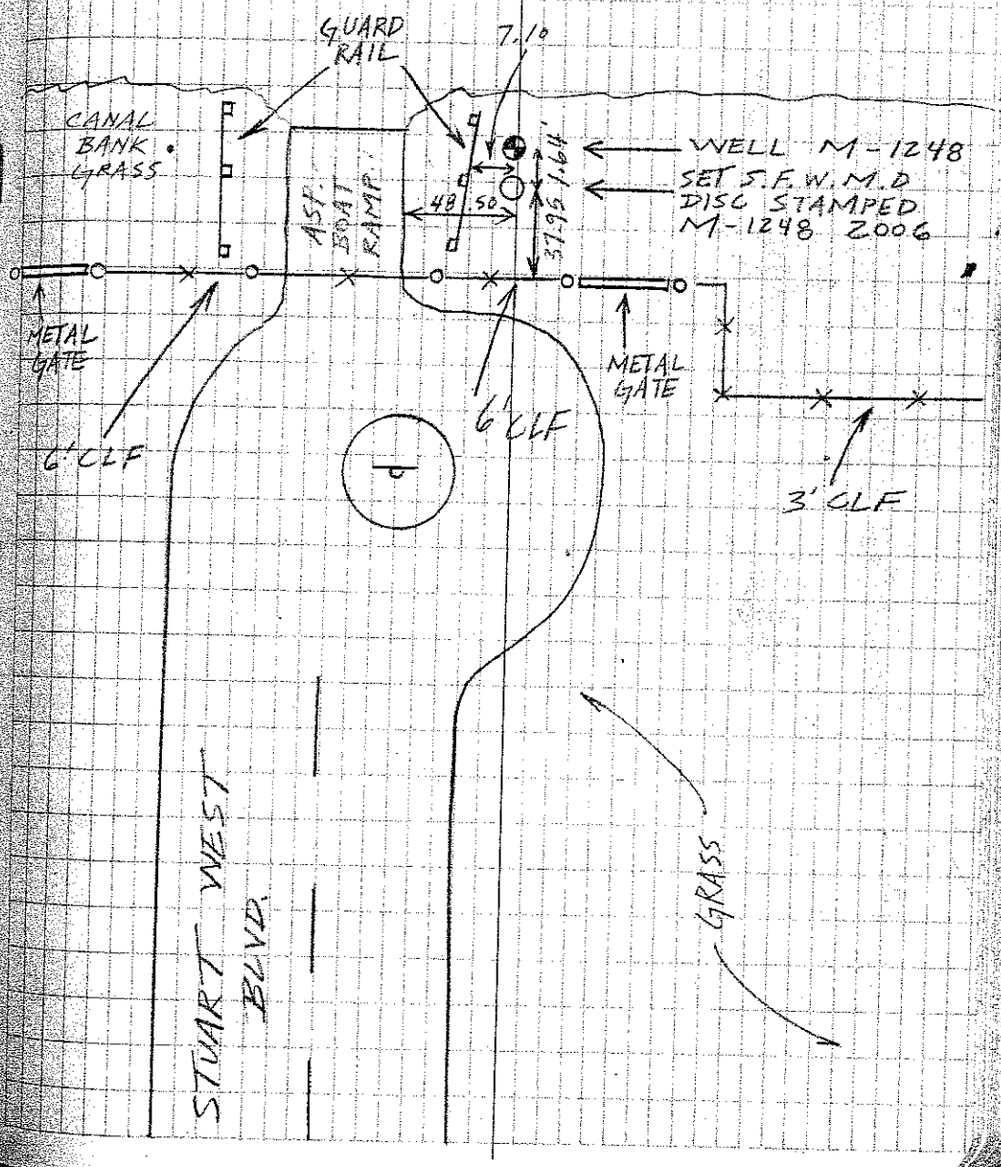
DIRECTIONS - FROM THE INTERSECTION OF SR-714 MARTIN HWY AND SR-76A CITRUS BLVD. TRAVEL WEST ON MARTIN HWY FOR 3.9 MILES TO THE ENTRANCE OF COBBLESTONE. CHECK IN AT SECURITY GATE AND FOLLOW THE ROAD NORTH FOR 3.3 MILES TO THE BOAT RAMP. THE WELL IS EAST OF THE BOAT RAMP ON THE OTHER SIDE OF THE FENCE.



2564/42

SKETCH OF WELL SITE M-1248





A. REDERO
T. LOPEZ
A. FERNANDEZ

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

"SITE-R"

1/13/06

(ESTABLISH ELEV ON WELL MW-1267)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV
	4.490			✓			✓
BM	3.985	3.985	9.625				5.670
	3.480						
				7.210			
TP#1				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	✓
				4.060			
	6.550						
SHAKE	4.615	4.615	8.255	✓			
	2.680						
				6.060			
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						

DESC ✓

NGS #AJ5614 (SLR 300) NAVD88
BRASS D. 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

1/13/06

#02-17616
S.F.W.M.D

"SITE -R"

(ELEV. CONT.)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
				7.350				
TP#5				5.380	5.380	3.830	✓	CUT NL
				3.410				
	4.090							
SHAKE	2.220	2.220	6.050	✓				CUT NL
	0.350							
				4.860				
TP#6				2.870	2.870	3.180	✓	CUT NL
				0.880				
	7.910							
SHAKE	6.080	6.080	9.260	✓				CUT NL
	4.250							
				7.460				
TP#7				5.785	5.785	3.475	✓	CUT NL
				4.110				
	7.000							
SHAKE	5.435	5.435	8.910	✓				CUT NL
	3.870							
				7.450				
TBM#1				5.925	5.925	2.985	✓	MAG NL & TT
				4.400				
	7.740							
SHAKE	6.560	6.560	9.545	✓				MAG NL & TT
	5.380							
				7.905				
TBM#2				6.575	6.575	2.970	✓	MAG NL & TT
				5.245				

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
	7.500							
SHAKE	5.825	5.825	8.795	✓				MAG NL & TI
	4.150							
				6.890				
TP#8				5.320	5.320	3.475	✓	CUT NL
				3.750				
	7.380			✓				
SHAKE	5.705	5.705	9.180	✓				CUT NL
	4.030							
				7.830				
TP#9				6.000	6.000	3.180	✓	CUT NL
				4.170				
	4.950							
SHAKE	2.960	2.960	6.140	✓				CUT NL
	0.970							
				4.180				
TP#10				2.310	2.310	3.830	✓	CUT NL
				0.440				
	7.180			✓				
SHAKE	5.210	5.210	9.040					CUT NL
	3.240							
				8.230				
TP#11				6.745	6.745	2.295	✓	CUT NL
				5.260				
	9.060							
SHAKE	7.045	7.045	9.340	✓				CUT NL
	5.030							

SAME CREW

1/13/06

#03-17616
S.F.W.M.D.
" 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		✓	✓	NGS # AF 7129 (SLR 39) NAVD 88
BM				5.230	5.230	5.495	5.480 ✓	BRASS D. IN CONC OF FISHING PIER
				2.770		FOR = 0.015		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	BM ELEV	DESC
	5.850							
TBM#1	5.690	5.690	8.675				2.985	MAG NL & TT
	5.550							
				4.550				
WELL M-1267				4.270	4.270	4.405		TOP OF PIPE WELL M-1267 (PVC)
				3.990				
	4.590							
SHAKE	4.245	4.245	8.65					" "
	3.900							
				5.645				
DISC M-1267				5.065	5.065	3.585		SET S.F.W.M.D DISC STAMPED M-1267 2006
				4.485				
	5.840							" "
SHAKE	5.260	5.260	8.845					
	4.680							
				6.140				
TBM#2				5.870	5.870	2.975	2.97	MAG NL & TT
				5.600				
						ERROR	0.005	

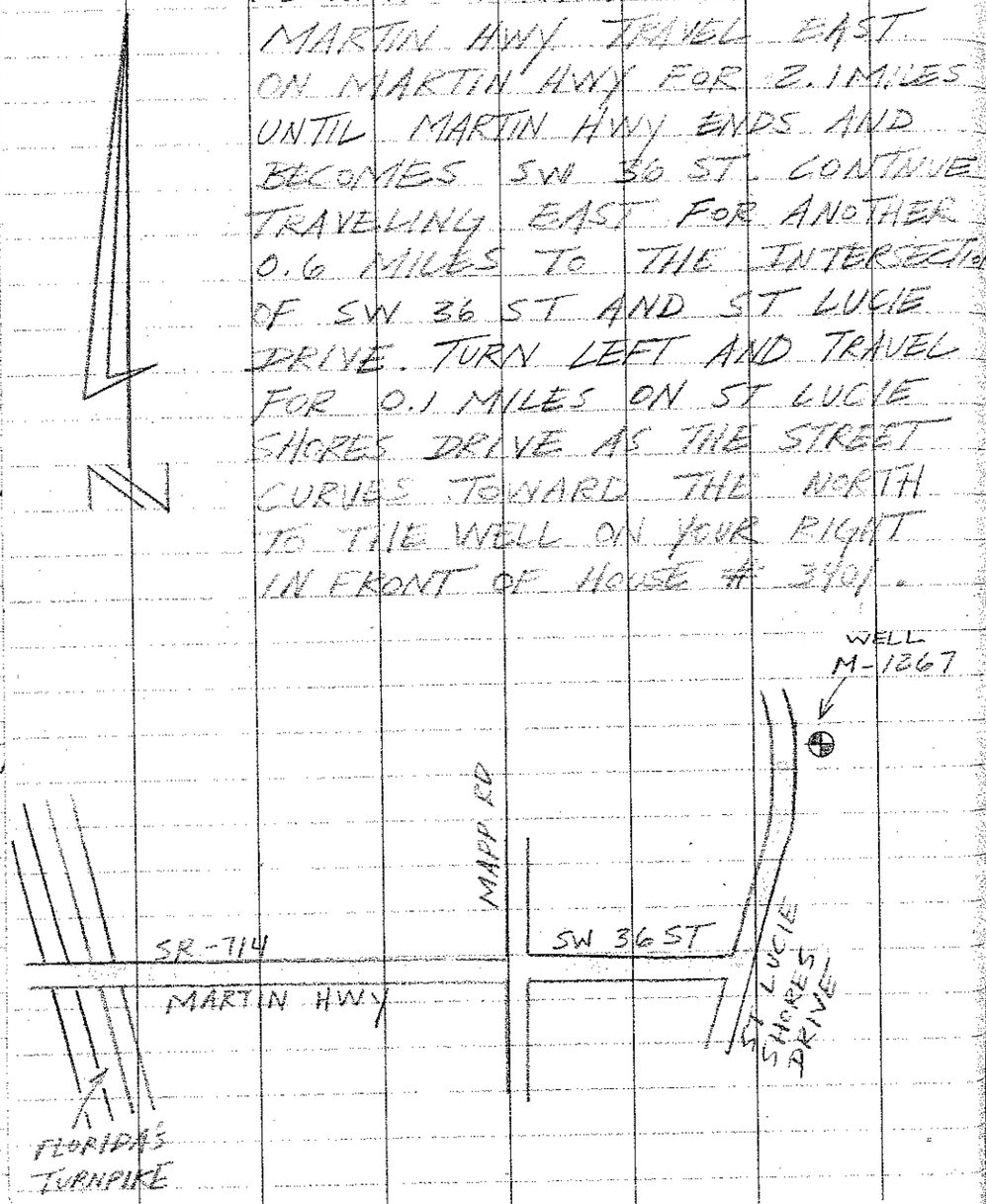
SAME CREW

1/13/06

#03-7716
S.F.W.M.D.

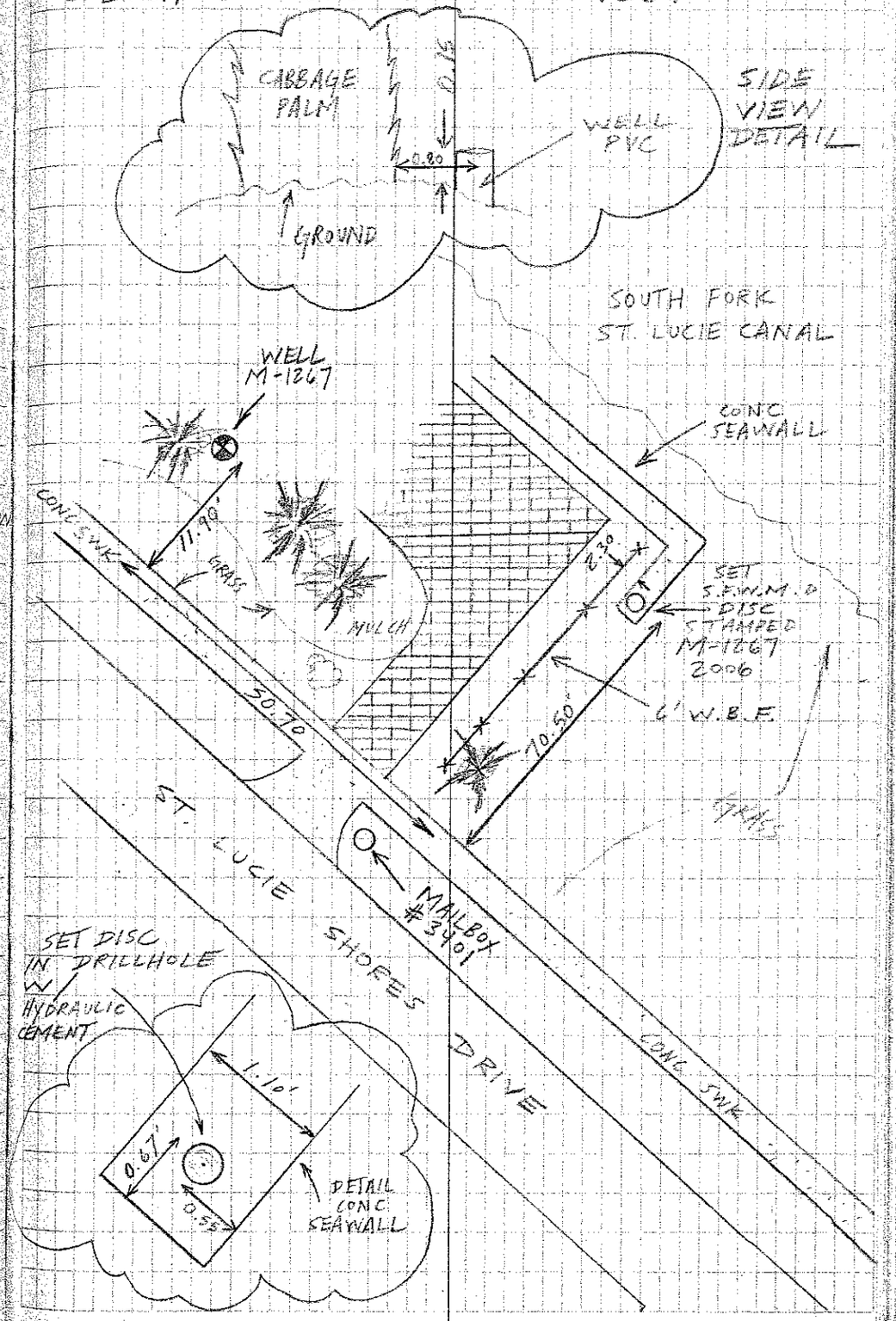
(SITE-R DESCRIPTION)

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. REDERO
I. LOPEZ
A. LOPEZ

#03-77616
S.E.W.M.R.
"SITE - 5"

1/12/06

(ESTABLISH ELEV. ON WELL M-1043)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
							✓	NGS #AJ5264 (GCY DZZ) NAVD 88
	13.170			✓				
BM	11.865	11.865	26.715				14.85	BRASS D. IN CONC MON.
	10.560							STAMPED GCY DZZ 2001
				1.220				
TP#1				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 CREW

1/17/06

#03-17616
S.F.W.M.D.
" SITE -5 "
(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
				3.360				
TBM#1				2.865	2.865	22.475	✓	MAG NL & TT
				1.870				
	4.180							
SHAKE	3.195	3.195	25.670	✓				MAG NL & TT
	2.210							
				4.120				
TBM#2				3.120	3.120	22.550	✓	MAG NL & TT
				2.120				
	3.780							
SHAKE	2.770	2.770	25.320	✓				MAG NL & TT
	1.760							
				3.270				
TP#5				2.560	2.560	22.760	✓	CUT NL
				1.850				
	9.300							
SHAKE	8.240	8.240	31.000	✓				CUT NL
	7.180							
				1.380				
TP#6				0.780	0.780	30.220	✓	CUT NL
				0.180				
	12.400							
SHAKE	11.220	11.220	41.440	✓				CUT NL
	10.040							
				11.960				
TP#7				11.130	11.130	30.310	✓	CUT NL
				10.300				

A. REDERO
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							
				11.490				
TP#8				10.550	10.550	25.935	✓	CUT NL
				9.610				
	1.760							CUT NL
SHAKE	1.320	1.320	27.255	✓				
	0.880							
				13.450				
TP#9				12.155	12.155	15.100	✓	CUT NL
				10.860				
	3.670							CUT NL
SHAKE	2.155	2.155	17.255	✓				
	0.640							
				8.540				
TP#10				6.495	6.495	10.760	✓	CUT NL
				4.450				
	11.530							CUT NL
SHAKE	9.985	9.985	20.745	✓				
	8.440							
				2.760				
TP#11				1.760	1.760	18.985	✓	CUT NL
				0.760				
	10.850							
SHAKE	9.100	9.100	28.095	✓				CUT NL
	7.350							

SAME CREW

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

1/18/06

"SITE-S"

(ELEV. CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM 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		✓	✓	NGS # AJ5265 (GCY D23) NAVD 88 ✓
BM				8.645	8.645	16.690	16.680	BRASS D. IN CONC MON.
				7.745				STAMPED GCY D23 2001

ERR = 0.010 ✓

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	5.405	27.880	✓			22.475	MAG NL & TT
	5.190							
				1.950				
WELL M-1043				1.630	1.630	26.250	✓	TOP OF PIPE WELL M-1043 (PVC)
				1.430				
	3.430							
SHAKE	2.360	2.350	28.600	✓				" "
	2.270							
				6.490				
DISC M-1043				6.420	6.420	22.180	✓	SET S.F.W.M.D DISC STAMPED M-1043 2006
				6.350				
	9.140							
SHAKE	8.945	8.945	31.125	✓				" "
	8.750							
				8.825		✓	✓	
TBM#2				8.575	8.575	22.550	22.550	MAG NL & TT
				8.325		ERR = 0.000	✓	

2564/54

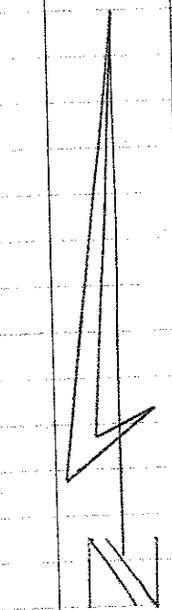
AME
CREW

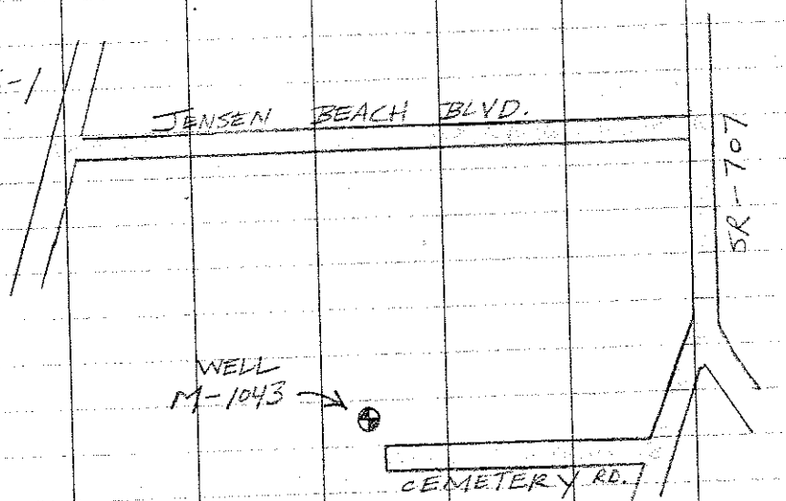
1/18/06

#03-7716
S.F.W.M.D

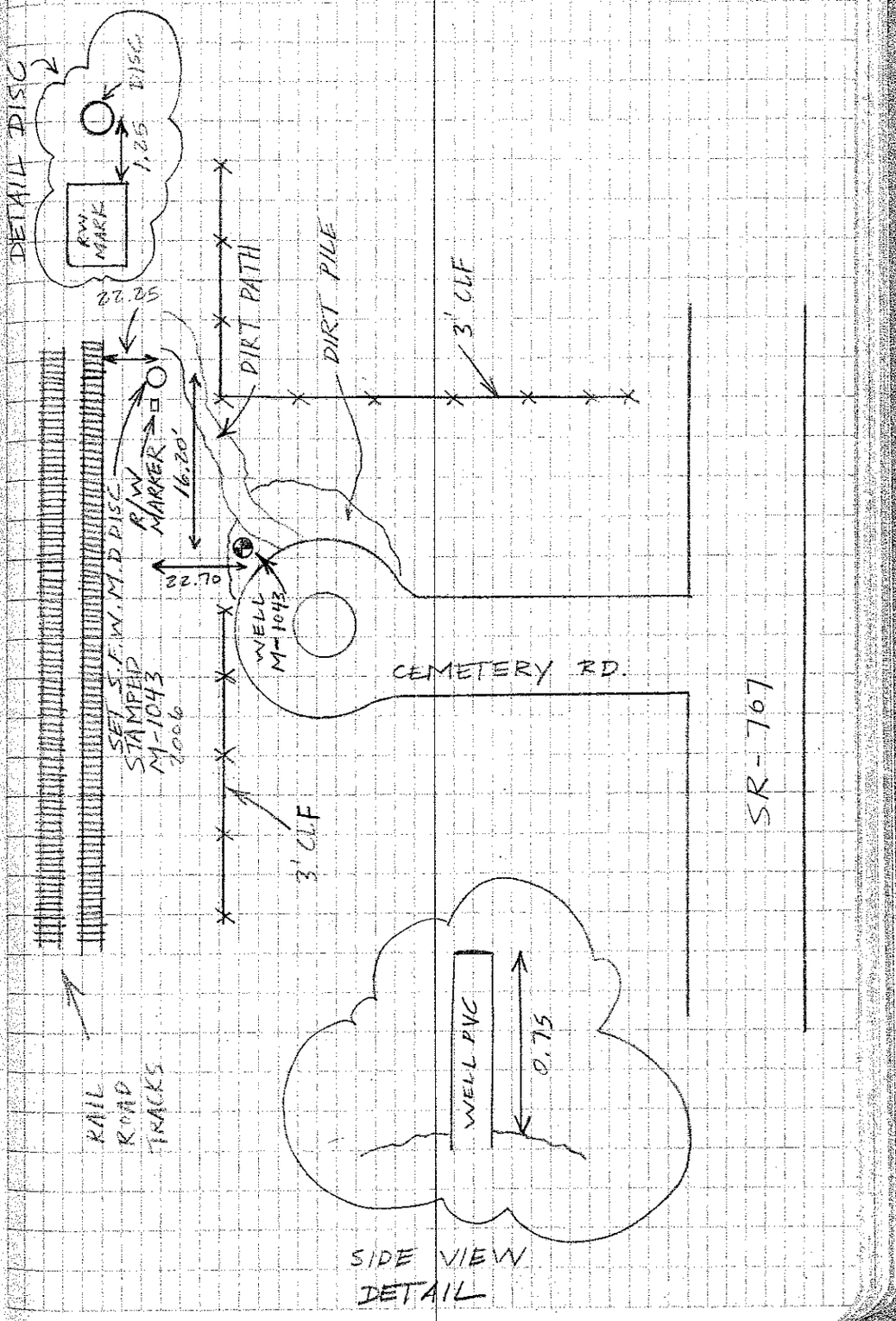
(SITE-5 DESCRIPTION)

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 0.7 MILES UNTIL THE ROAD FORKS. TAKE THE RIGHT FORK AND THEN TURN RIGHT INTO THE ALL SAINTS EPISCOPAL CHURCH CEMETERY AND TRAVEL WEST ON THE CEMETERY RD. FOR 0.35 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



SAME CREW

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

1/18/06

SITE -T

(ESTABLISH ELEV ON WELL SITE M-1259)

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

DESC ✓

NGS # AJ 5248 (GCY DOS) NAVD 88

BRASS D. 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

#03-7616
S.F.W.M.D.

1/18/06

"SITE-T"

(ELEV CONT.)

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

DESC

MAG NL & TT

MAG NL & TT

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

CUT NL

SAME CREW

#03-77616
S.E.W.M.D
" SITE -T "
(ELEV. CONT)

1/18/06

STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV	DESC
	6.940			✓				CUT NL
SHAKE	4.700	4.700	20.530					
	2.460							
				6.860				CUT NL
TP#8				4.690	4.690	15.840	✓	
				2.520				
	6.900							CUT NL
SHAKE	4.590	4.590	20.430	✓				
	2.280							
				6.660			✓	CUT NL
TP#9				4.970	4.970	15.460		
				3.280				
	6.385							CUT NL
SHAKE	4.735	4.735	20.195	✓				
	3.085							
				8.520		✓	✓	NGS # AJ 5621 (M516) NAVD 88
BM				8.010	8.010	12.185	12.150	BRASS D. IN CONC MON.
				7.500		ERR = 0.035 ✓		STAMPED M516 2001

A. REDERO
T. LOPEZ
A. LOPEZ

2/22/06

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

"SITE-T"

(ELEV CONT)

STA	BS	MEAN	HI	FS	MEAN	ELEV	IBM ELEV	DESC
	4.620							
TBM#1	4.355	4.355	18.925				14.570	MAG NL & TT
	4.090							
				6.030				
WELL M-1259				5.660	5.660	13.265		TOP OF PIPE WELL M-1259 (PVC)
				5.290				
	5.575							
SHAKE	5.205	5.205	18.470					" "
	4.835							
				5.190				
DISC M-1259				4.830	4.830	13.640		SET S.F.W.M.D. DISC STAMPED M-1259 2006
				4.470				
	5.700							
SHAKE	5.345	5.345	18.985					" "
	4.990							
				4.890				
TBM#2				4.620	4.620	14.365	14.355	MAG NL & TT
				4.350				

See pg 55

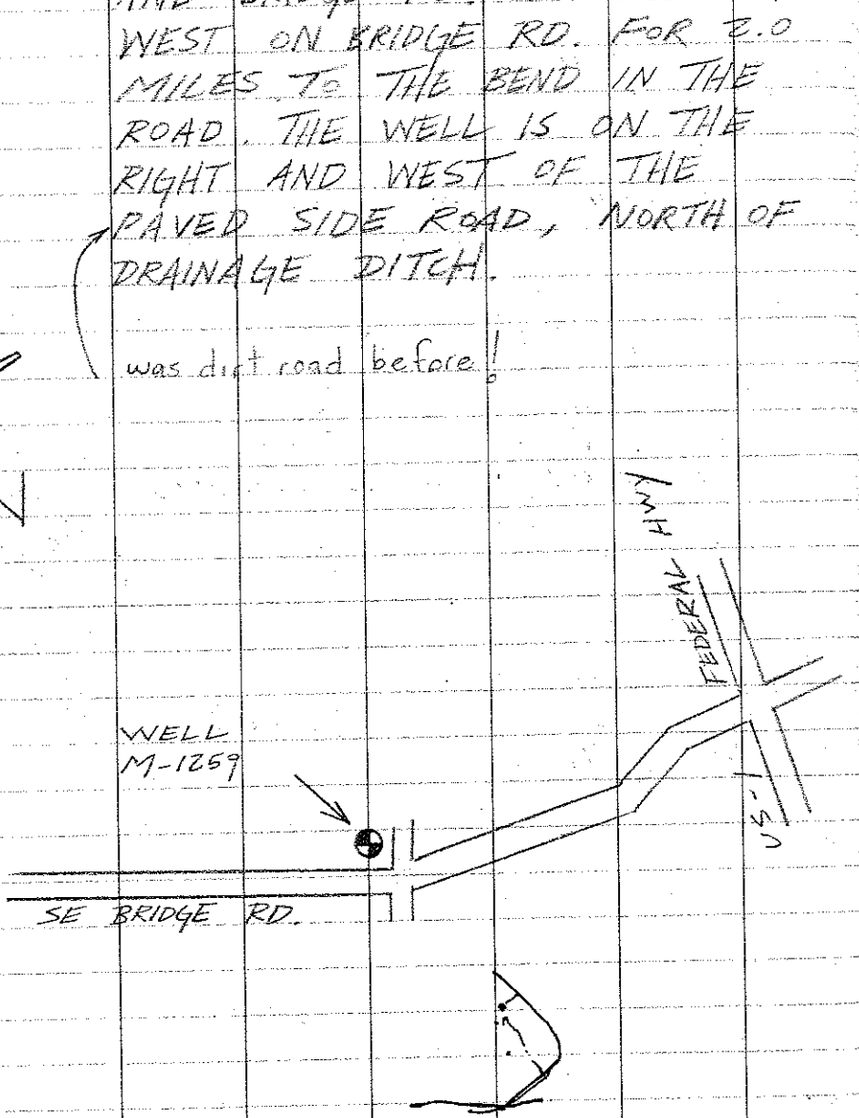
SAME CREW

#03-7616
S.F.W.M.D

(SITE-T DESCRIPTION)

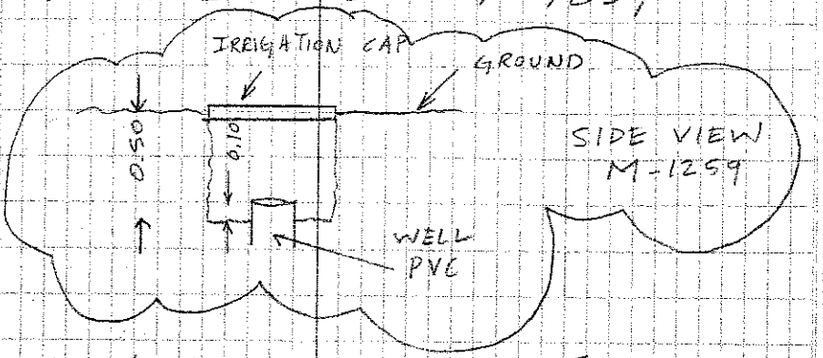
DIRECTIONS - FROM THE INTERSECTION OF US-1 AND BRIDGE RD. SR-708. TRAVEL WEST ON BRIDGE RD. FOR 2.0 MILES TO THE BEND IN THE ROAD. THE WELL IS ON THE RIGHT AND WEST OF THE PAVED SIDE ROAD, NORTH OF DRAINAGE DITCH.

was dirt road before!

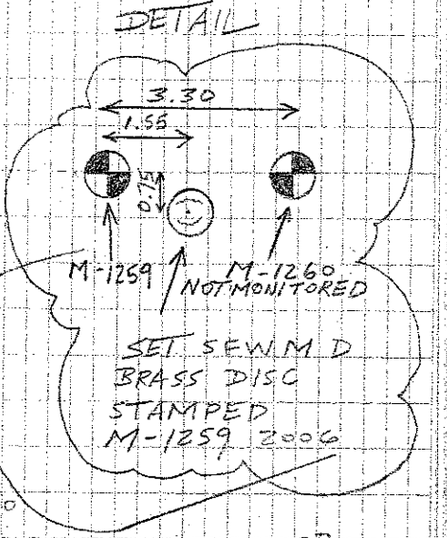


2564/59

SKETCH OF WELL SITE M-1259



NOTE: WELL M-1260 IS NOT MONITORED



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 04/11/06

COUNTY MARTIN	**PROJECT S.E. BRIDGE ROAD**	**DESIGNATION M1259 2006**
SECTIONS 29, 32	**TOWNSHIP 39S**	**RANGE 42E**
GEOGRAPHIC INDEX OF QUAD Florida		
Established by Biscayne Engineering Company, Inc.	**NAME OF QUADRANGLE GOMEZ #2502**	
SURVEYOR Mike J. Bartholomew **DATE** 04 / 11 / 2006	**FIELD BOOK 2564 PAGE 55**	

HORIZONTAL DATUM: **1927** **1983** **Other**_____ (circle one) ZONE 0901 (EAST)

VERTICAL DATUM: MSL **1929** **1988** **Other** _____ (circle one)

CONTROL ACCURACY: HORIZONTAL 1 2 3 SUB-METER (circle one) **VERTICAL 1 2 3**

STATE PLANE COORDINATES **M1259** (U.S. Survey feet)	**X= 928584.666**	**Y= 986018.751**	**DISC EL.= 13.64'** **(NAVD-88)**

LATITUDE M1259 27º02'37.888"N LONGITUDE 080º09'47.082"W

DESCRIPTION

Benchmark is situated in the vicinity of the bend in State Road 708 (S.E. Bridge Road), approximately 2 miles West of Federal Highway (U.S. 1), Martin County, Florida.

TO REACH the benchmark from the intersection of Federal Highway (U.S.-1) and S.E. Bridge Road (SR-708), travel West on S.E. Bridge Road for 2.0 miles to the bend in the road. Benchmark is a brass SFWMD disc set 38.4 feet North of the North edge of pavement for S.E. Bridge Road, North of a drainage ditch, and 9.2 feet (more or less) West of the West edge of pavement of a paved side road.

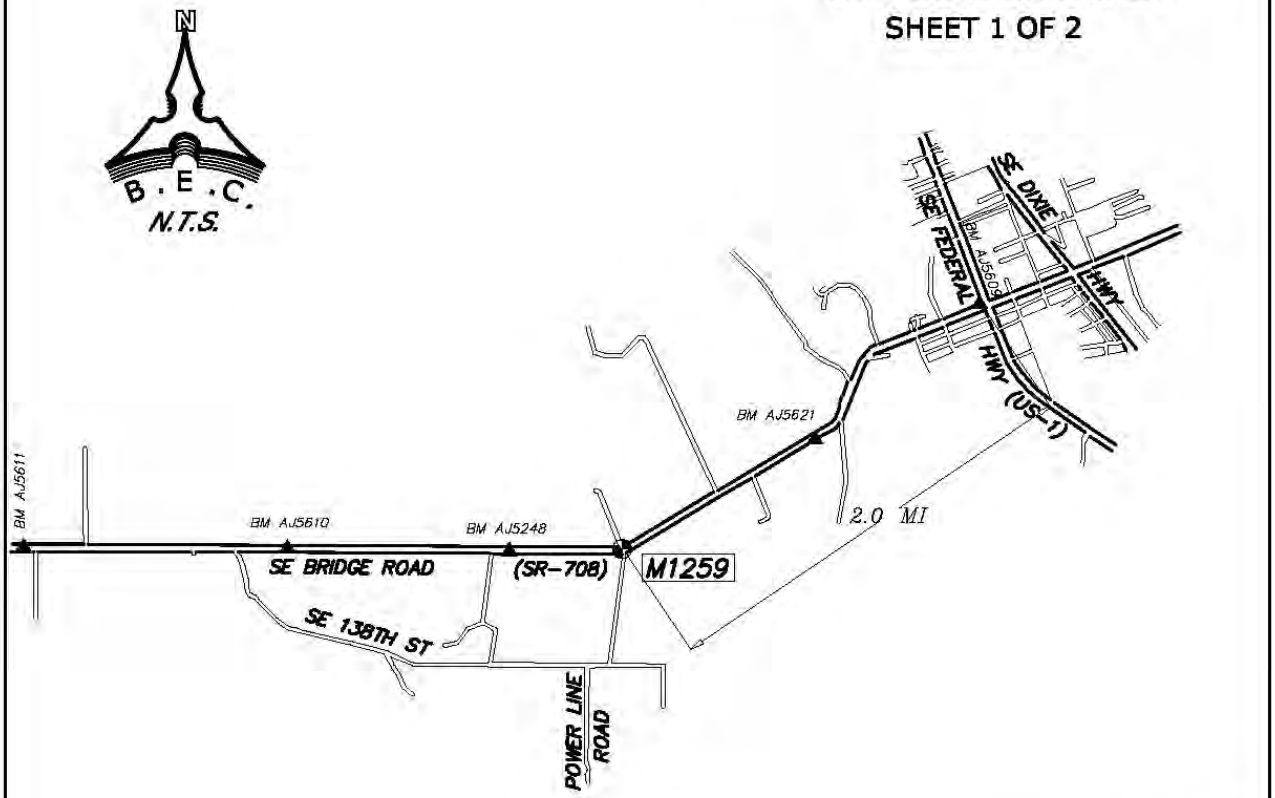
Note: Origin of NAVD88 elevation for BM "M1259" is closed bench level circuit through NGS benchmarks AJ5248 (GCY D05) and AJ5621 (M 516).

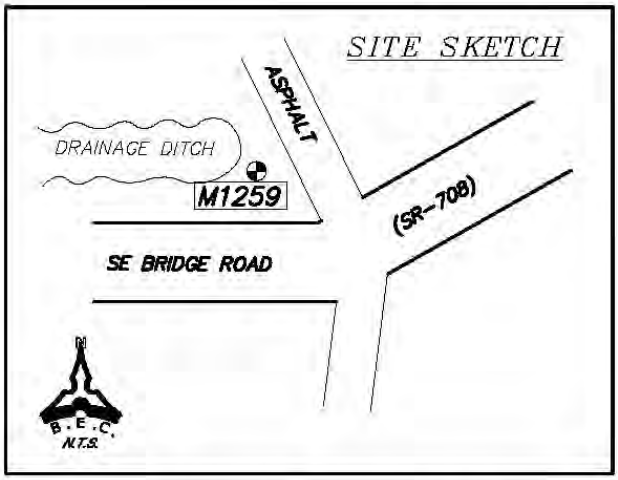
SKETCH: SEE PAGE 2 and 3

WELL 1259

S.E. BRIDGE ROAD

SHEET 1 OF 2





WELL M1259

EAST COAST AQUIFER MONITORING WELLS

F:\SURVEY\PROJECTS\77000's\77616-SFWMD (MARTIN COUNTY-PHASE II)\DWG\Martin Wells-phase-2_GPS.dwg 4/11/2006 8:29:45 AM EDT

PREPARED FOR:

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

FIELD BOOK:	2564	DATE:	04-11-06	ORDER No.:	03-77616	BY:	I.V.

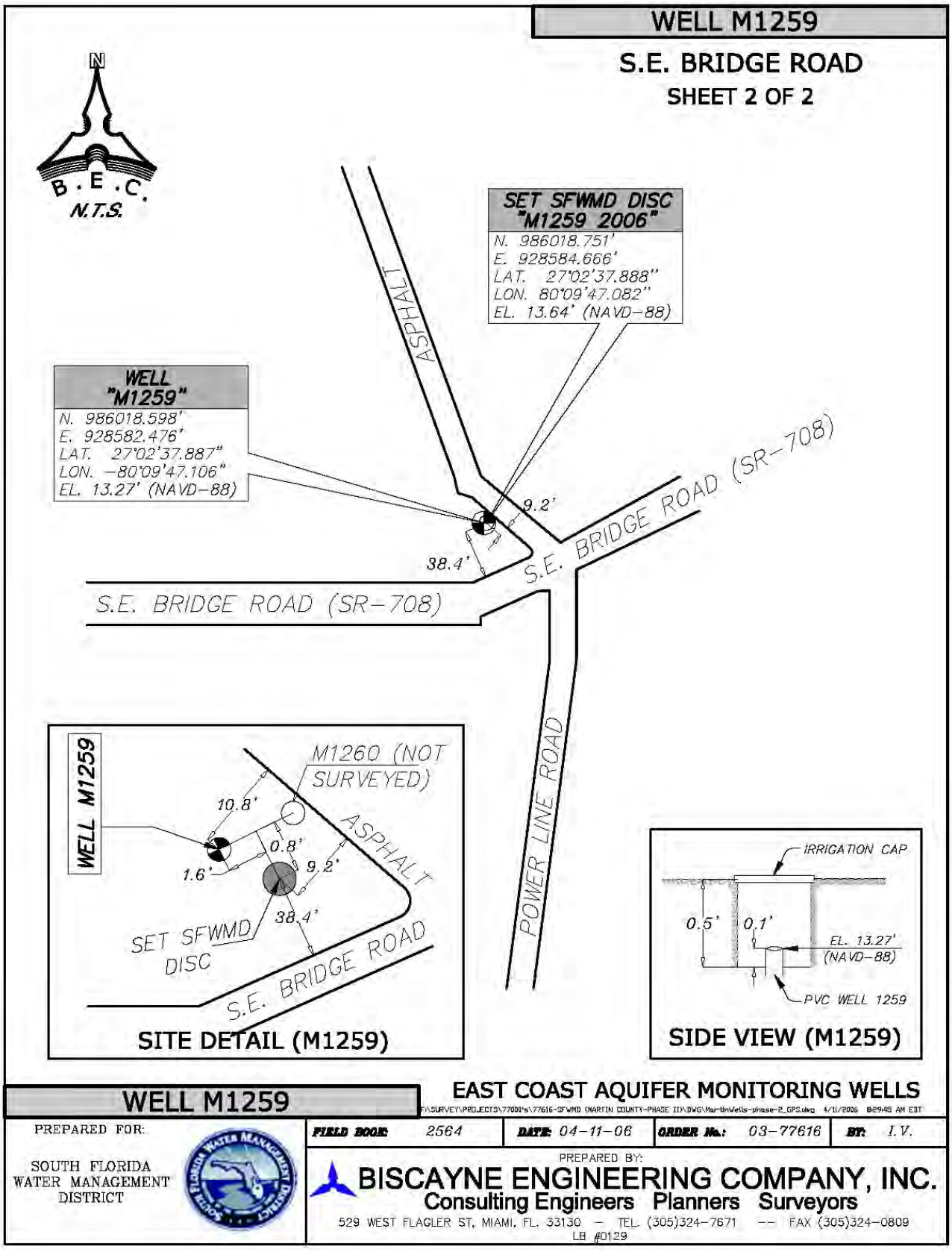
PREPARED BY:

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


WELL M1259
S.E. BRIDGE ROAD
SHEET 2 OF 2
N
B . E . C .
N.T.S.
SET SFWMD DISC
"M1259 2006"
N. 986018.751'
E. 928584.666'
LAT. 27°02'37.888"
LON. 80°09'47.082"
EL. 13.64' (NAVD-88)
WELL
"M1259"
N. 986018.598'
E. 928582.476'
LAT. 27°02'37.887"
LON. -80°09'47.106"
EL. 13.27' (NAVD-88)
ASPHALT
9.2'
38.4'
S.E. BRIDGE ROAD (SR-708)
S.E. BRIDGE ROAD (SR-708)
POWER LINE ROAD
WELL M1259
M1260 (NOT SURVEYED)
10.8'
0.8'
9.2'
1.6'
38.4'
ASPHALT
SET SFWMD DISC
S.E. BRIDGE ROAD
SITE DETAIL (M1259)
IRRIGATION CAP
0.5'
0.1'
EL. 13.27' (NAVD-88)
PVC WELL 1259
SIDE VIEW (M1259)
WELL M1259
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
1645	9024	AJ5621	M 516	4.0757	4.1589	
1646	9025	AF7695	F019	4.7217	4.8181	
1647	9026	AJ5248	GCY D05	4.1548	4.2396	
1649	9028	AJ5611	P 516	5.1680	5.2735	

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.34
1        National Geodetic Survey,   Retrieval Date = APRIL 10, 2006
 AJ5248 ***********************************************************************
 AJ5248  DESIGNATION -  GCY D05
 AJ5248  PID         -  AJ5248
 AJ5248  STATE/COUNTY-  FL/MARTIN
 AJ5248  USGS QUAD   -  GOMEZ (1983)
 AJ5248
 AJ5248                        *CURRENT SURVEY CONTROL
 AJ5248  ______________________________________________________________________
 AJ5248* NAD 83(1999)-  27 02 37.67947(N)    080 10 17.10856(W)     ADJUSTED
 AJ5248* NAVD 88     -         3.783  (meters)      12.41   (feet)  ADJUSTED
 AJ5248  ______________________________________________________________________
 AJ5248  X           -     970,377.370 (meters)                     COMP
 AJ5248  Y           -  -5,601,225.787 (meters)                     COMP
 AJ5248  Z           -   2,882,528.208 (meters)                     COMP
 AJ5248  LAPLACE CORR-          -3.65  (seconds)                    DEFLEC99
 AJ5248  ELLIP HEIGHT-         -23.65  (meters)          (09/27/01) GPS OBS
 AJ5248  GEOID HEIGHT-         -27.41  (meters)                     GEOID03
 AJ5248  DYNAMIC HT  -           3.777 (meters)      12.39  (feet)  COMP
 AJ5248  MODELED GRAV-     979,099.6   (mgal)                       NAVD 88
 AJ5248
 AJ5248  HORZ ORDER  -  FIRST
 AJ5248  VERT ORDER  -  FIRST     CLASS II
 AJ5248  ELLP ORDER  -  FOURTH    CLASS II
 AJ5248
 AJ5248.The horizontal coordinates were established by GPS observations
 AJ5248.and adjusted by the National Geodetic Survey in September 2001..
 AJ5248
 AJ5248.The orthometric height was determined by differential leveling
 AJ5248.and adjusted by the National Geodetic Survey in November 2001..
 AJ5248
 AJ5248.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 AJ5248
 AJ5248.The Laplace correction was computed from DEFLEC99 derived deflections.
 AJ5248
 AJ5248.The ellipsoidal height was determined by GPS observations
 AJ5248.and is referenced to NAD 83.
 AJ5248
 AJ5248.The geoid height was determined by GEOID03.
 AJ5248
 AJ5248.The dynamic height is computed by dividing the NAVD 88
 AJ5248.geopotential number by the normal gravity value computed on the
 AJ5248.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AJ5248.degrees latitude (g = 980.6199 gals.).
 AJ5248
 AJ5248.The modeled gravity was interpolated from observed gravity values.
 AJ5248
 AJ5248;                    North         East     Units Scale Factor Converg.
 AJ5248;SPC FL E     -   300,527.231   282,205.682   MT  1.00002457   +0 22 36.3
 AJ5248;SPC FL E     -   985,979.76    925,869.81   sFT  1.00002457   +0 22 36.3
 AJ5248;UTM  17      - 2,991,556.674   582,177.634   MT  0.99968336   +0 22 36.3
 AJ5248
```

```
AJ5248!             -  Elev Factor  x  Scale Factor =   Combined Factor
AJ5248!SPC FL E     -   1.00000372  x   1.00002457  =   1.00002829
AJ5248!UTM  17      -   1.00000372  x   0.99968336  =   0.99968707
AJ5248
AJ5248                          SUPERSEDED SURVEY CONTROL
AJ5248
AJ5248.No superseded survey control is available for this station.
AJ5248
AJ5248_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK8217891557(NAD 83)
AJ5248_MARKER: DH = HORIZONTAL CONTROL DISK
AJ5248_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
AJ5248_STAMPING: GCY D05 2001
AJ5248_MARK LOGO: FL-085
AJ5248_PROJECTION: FLUSH
AJ5248_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
AJ5248_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AJ5248+STABILITY: SURFACE MOTION
AJ5248_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AJ5248+SATELLITE: SATELLITE OBSERVATIONS - July 18, 2001
AJ5248
AJ5248  HISTORY     - Date     Condition        Report By
AJ5248  HISTORY     - 20010502 MONUMENTED       GCYI
AJ5248  HISTORY     - 20010718 GOOD             GCYI
AJ5248
AJ5248                          STATION DESCRIPTION
AJ5248
AJ5248'DESCRIBED BY G.C.Y., INCORPORATED 2001 (MDL)
AJ5248'THE STATION IS LOCATED ABOUT 4.5 KM (2.8 MI) SOUTHWEST OF HOBE SOUND
AJ5248'IN
AJ5248'THE NORTH RIGHT OF WAY OF C.R. 708, SECTION 29, TOWNSHIP39 SOUTH,
AJ5248'RANGE 42
AJ5248'EAST, MARTIN COUNTY, FLORIDA.
AJ5248'
AJ5248'TO REACH THE STATION FROM THE INTERSECTION OF U.S. HIGHWAY 1 AND C.R.
AJ5248'708
AJ5248'IN HOBE SOUND, GO SOUTHWEST ON C.R. 708 FOR 3.2 KM (2.0 MI) TO THE
AJ5248'INTERSECTION
AJ5248'WITH POWERLINE AVE. THEN CONTINUE WEST ON C.R. 708 FOR 0.87 KM (0.54
AJ5248'MI) TO
AJ5248'THE
AJ5248'STATION ON THE RIGHT.
AJ5248'
AJ5248'THE STATION LIES 3.96 M (13 FT) NORTH OF THE NORTH EDGE OF PAVEMENT OF
AJ5248'C.R.
AJ5248'708 AND 6.22 M (20.4 FT) SOUTH OF A CARSONITE WITNESS POST, 16.37
AJ5248'M(53.7 FT)
AJ5248'EAST OF THE EAST END OF A CONCRETE DRAINAGE HEADWALL AND 29.9 M (95
AJ5248'FT)
AJ5248'WEST OF THE DRIVEWAY INTO HOUSE AT 6190.
AJ5248'REFERENCES-
AJ5248'GCY, INC. MAG NAIL AND WASHER IN SOUTH SIDE OF 8 INCH AUSTRALIAN PINE
AJ5248'- 89
AJ5248'DEG.
AJ5248'MAG. AZ., 44.36 M (145.54 FT)
AJ5248'GCY, INC. MAG NAIL AND WASHER IN NORTH EDGE OF PAVEMENT OF C.R. 708 -
AJ5248'127
AJ5248'DEG.
AJ5248'MAG. AZ., 8.80 M (28.86 FT)
AJ5248'GCY, INC. MAG NAIL AND WASHER IN NORTH EDGE OF PAVEMENT OF C.R. 708 -
AJ5248'248
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```
AJ5248'DEG.
AJ5248'MAG. AZ.,10.59 M (34.75 FT).
AJ5248'
AJ5248'NOTE-
AJ5248'DEEP ONE MAGNET BURIED AT NORTH SIDE OF MONUMENT.
AJ5248'
AJ5248'
AJ5248'
AJ5248'
AJ5248
AJ5248                          STATION RECOVERY (2001)
AJ5248
AJ5248'RECOVERY NOTE BY G.C.Y., INCORPORATED 2001 (MDL)
AJ5248'RECOVERED AS DESCRIBED.

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

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
1645	9024	AJ5621	M 516	4.0757	4.1589	
1646	9025	AF7695	F019	4.7217	4.8181	
1647	9026	AJ5248	GCY D05	4.1548	4.2396	
1649	9028	AJ5611	P 516	5.1680	5.2735	

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 27, 2006
 AJ5621 ***********************************************************************
 AJ5621  DESIGNATION -  M 516
 AJ5621  PID         -  AJ5621
 AJ5621  STATE/COUNTY-  FL/MARTIN
 AJ5621  USGS QUAD   -  GOMEZ (1983)
 AJ5621
 AJ5621                         *CURRENT SURVEY CONTROL
 AJ5621  ______________________________________________________________________
 AJ5621* NAD 83(1986)-  27 03 04.     (N)    080 08 57.     (W)     SCALED
 AJ5621* NAVD 88     -         3.702  (meters)      12.15   (feet)  ADJUSTED
 AJ5621  ______________________________________________________________________
 AJ5621  GEOID HEIGHT-         -27.52  (meters)                     GEOID03
 AJ5621  DYNAMIC HT  -           3.697 (meters)      12.13  (feet)  COMP
 AJ5621  MODELED GRAV-     979,098.7   (mgal)                       NAVD 88
 AJ5621
 AJ5621  VERT ORDER  -  FIRST     CLASS II
 AJ5621
 AJ5621.The horizontal coordinates were scaled from a topographic map and have
 AJ5621.an estimated accuracy of +/- 6 seconds.
 AJ5621
 AJ5621.The orthometric height was determined by differential leveling
 AJ5621.and adjusted by the National Geodetic Survey in November 2001.
 AJ5621
 AJ5621.The geoid height was determined by GEOID03.
 AJ5621
 AJ5621.The dynamic height is computed by dividing the NAVD 88
 AJ5621.geopotential number by the normal gravity value computed on the
 AJ5621.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AJ5621.degrees latitude (g = 980.6199 gals.).
 AJ5621
 AJ5621.The modeled gravity was interpolated from observed gravity values.
 AJ5621
 AJ5621;                    North         East     Units  Estimated Accuracy
 AJ5621;SPC FL E     -   301,350.      284,410.      MT  (+/- 180 meters Scaled)
 AJ5621
 AJ5621                           SUPERSEDED SURVEY CONTROL
 AJ5621
 AJ5621.No superseded survey control is available for this station.
 AJ5621
 AJ5621_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK843923(NAD 83)
 AJ5621_MARKER: DD = SURVEY DISK
 AJ5621_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 AJ5621_STAMPING: M 516 2001
 AJ5621_MARK LOGO: FL-085
 AJ5621_PROJECTION: FLUSH
 AJ5621_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
 AJ5621_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 AJ5621+STABILITY: SURFACE MOTION
 AJ5621_SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
 AJ5621+SATELLITE: SATELLITE OBSERVATIONS - May 02, 2001
 AJ5621
```

```
AJ5621  HISTORY     - Date     Condition        Report By
AJ5621  HISTORY     - 20010502 MONUMENTED       GCYI
AJ5621
AJ5621                          STATION DESCRIPTION
AJ5621
AJ5621'DESCRIBED BY G.C.Y., INCORPORATED 2001 (MDL)
AJ5621'THE MARK IS LOCATED 2.6 KM (1.6 MI) SOUTHWEST OF HOBE SOUND, 14.8 KM
AJ5621'(9.2 MI)
AJ5621'NORTHWEST OF JUPITER AND 19 KM (11.8 MI) SOUTHEAST OF STUART NEAR THE
AJ5621'NORTHWESTERLY RIGHT-OF-WAY OF C.R. 708 (BRIDGE ROAD) IN THE GOMEZ
AJ5621'GRANT.
AJ5621'
AJ5621'MARTIN COUNTY RIGHT-OF-WAY.
AJ5621'
AJ5621'TO REACH THE MARK FROM THE INTERSECTION OF U.S. 1 AND C.R. 708 GO
AJ5621'WESTERLY ON C.R. 708 1.4 KM (0.9 MI) TO THE MARK ON THE RIGHT.
AJ5621'
AJ5621'THE MARK IS 10.5 M (34.4 FT) NORTHWEST OF THE NORTHWEST EDGE OF
AJ5621'PAVEMENT OF C.R. 708, 4 M (13 FT) SOUTHEAST OF THE SOUTHEAST TOE OF
AJ5621'SLOPE
AJ5621'OF A BERM AND 112 M (365 FT) SOUTHWEST OF THE ENTRANCE TO WILFRAM
AJ5621'ROOFING COMPANY FACILITY.
AJ5621'
AJ5621'NOTE -  MAGNET BURIED AT NORTH SIDE OF MARK.
AJ5621'
AJ5621'

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

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
1645	9024	AJ5621	M 516	4.0757	4.1589	
1646	9025	AF7695	F019	4.7217	4.8181	
1647	9026	AJ5248	GCY D05	4.1548	4.2396	
1649	9028	AJ5611	P 516	5.1680	5.2735	

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.34
1        National Geodetic Survey,   Retrieval Date = APRIL 10, 2006
 AJ5611 ***********************************************************************
 AJ5611  DESIGNATION -  P 516
 AJ5611  PID         -  AJ5611
 AJ5611  STATE/COUNTY-  FL/MARTIN
 AJ5611  USGS QUAD   -  GOMEZ (1983)
 AJ5611
 AJ5611                        *CURRENT SURVEY CONTROL
 AJ5611  ______________________________________________________________________
 AJ5611* NAD 83(1999)-  27 02 38.54265(N)    080 12 22.95954(W)     ADJUSTED
 AJ5611* NAVD 88     -         4.817  (meters)      15.80   (feet)  ADJUSTED
 AJ5611  ______________________________________________________________________
 AJ5611  X           -     966,957.766 (meters)                     COMP
 AJ5611  Y           -  -5,601,805.945 (meters)                     COMP
 AJ5611  Z           -   2,882,552.407 (meters)                     COMP
 AJ5611  LAPLACE CORR-          -3.30  (seconds)                    DEFLEC99
 AJ5611  ELLIP HEIGHT-         -22.47  (meters)          (12/12/02) GPS OBS
 AJ5611  GEOID HEIGHT-         -27.30  (meters)                     GEOID03
 AJ5611  DYNAMIC HT  -           4.809 (meters)      15.78  (feet)  COMP
 AJ5611  MODELED GRAV-     979,101.1   (mgal)                       NAVD 88
 AJ5611
 AJ5611  HORZ ORDER  -  FIRST
 AJ5611  VERT ORDER  -  FIRST     CLASS II
 AJ5611  ELLP ORDER  -  FOURTH    CLASS I
 AJ5611
 AJ5611.The horizontal coordinates were established by GPS observations
 AJ5611.and adjusted by the National Geodetic Survey in December 2002..
 AJ5611
 AJ5611.The orthometric height was determined by differential leveling
 AJ5611.and adjusted by the National Geodetic Survey in November 2001..
 AJ5611
 AJ5611.The X, Y, and Z were computed from the position and the ellipsoidal ht.
 AJ5611
 AJ5611.The Laplace correction was computed from DEFLEC99 derived deflections.
 AJ5611
 AJ5611.The ellipsoidal height was determined by GPS observations
 AJ5611.and is referenced to NAD 83.
 AJ5611
 AJ5611.The geoid height was determined by GEOID03.
 AJ5611
 AJ5611.The dynamic height is computed by dividing the NAVD 88
 AJ5611.geopotential number by the normal gravity value computed on the
 AJ5611.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 AJ5611.degrees latitude (g = 980.6199 gals.).
 AJ5611
 AJ5611.The modeled gravity was interpolated from observed gravity values.
 AJ5611
 AJ5611;                    North         East     Units Scale Factor Converg.
 AJ5611;SPC FL E     -   300,531.473   278,737.046   MT  1.00001768   +0 21 39.1
 AJ5611;SPC FL E     -   985,993.67    914,489.79    sFT  1.00001768   +0 21 39.1
 AJ5611;UTM  17      - 2,991,560.914   578,710.181   MT  0.99967648   +0 21 39.1
 AJ5611
```

```
AJ5611!             -  Elev Factor  x  Scale Factor =   Combined Factor
AJ5611!SPC FL E     -   1.00000353  x   1.00001768  =   1.00002121
AJ5611!UTM  17      -   1.00000353  x   0.99967648  =   0.99968001
AJ5611
AJ5611                          SUPERSEDED SURVEY CONTROL
AJ5611
AJ5611  NAVD 88 (12/12/02)    4.82   (m)           15.8    (f) LEVELING    3
AJ5611
AJ5611.Superseded values are not recommended for survey control.
AJ5611.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
AJ5611.See file dsdata.txt to determine how the superseded data were derived.
AJ5611
AJ5611_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNK7871091561(NAD 83)
AJ5611_MARKER: F = FLANGE-ENCASED ROD
AJ5611_SETTING: 49 = STAINLESS STEEL ROD W/O SLEEVE (10 FT.+)
AJ5611_STAMPING: P 516 2001
AJ5611_MARK LOGO: FL-085
AJ5611_PROJECTION: FLUSH
AJ5611_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET
AJ5611_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AJ5611_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AJ5611+SATELLITE: SATELLITE OBSERVATIONS - May 13, 2002
AJ5611_ROD/PIPE-DEPTH: 21.0 meters
AJ5611
AJ5611  HISTORY     - Date     Condition        Report By
AJ5611  HISTORY     - 20010513 MONUMENTED       GCYI
AJ5611  HISTORY     - 20020513 GOOD             MAPTEC
AJ5611
AJ5611                          STATION DESCRIPTION
AJ5611
AJ5611'DESCRIBED BY G.C.Y., INCORPORATED 2001 (KFK)
AJ5611'THE MARK IS LOCATED 7.4 KM (4.6 MI) SOUTHWEST OF HOBE SOUND, 16.7 KM
AJ5611'(J10.4 MI)
AJ5611'NORTHWEST OF JUPITER AND 17.5 KM (10.9 MI) SOUTHEAST OF STUART IN
AJ5611'SECTION
AJ5611'26, TOWNSHIP 39 SOUTH, RANGE 41 EAST NEAR THE NORTH RIGHT-OF-WAY OF
AJ5611'C.R.
AJ5611'708 (BRIDGE ROAD).
AJ5611'
AJ5611'MARTIN COUNTY RIGHT-OF-WAY.
AJ5611'
AJ5611'TO REACH THE MARK FROM THE INTERSECTION OF I-95 AND C.R. 708 (BRIDGE
AJ5611'ROAD)
AJ5611'GO EAST ON C.R. 708 2.7 KM (1.7 MI) TO THE MARK ON THE LEFT.
AJ5611'
AJ5611'THE MARK IS 17 M (56 FT) NORTH OF THE CENTERLINE OF C.R. 708, 1.3 M (4
```

03-77616 **MARTIN COUNTY- WELL M1259**

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV.	NOTES
								NAVD-88	
	NGS BM	9.71							
01/18/06	AJ5248	7.88	*7.88*	20.29				12.41	
	(GCY D05)	6.04							
					6.12				
(FB 2564,	TP#1				4.76	*4.76*	15.53		
PG 55…)					3.40				
		6.36							
	SHAKE	4.78	*4.78*	20.31					
		3.20							
					6.14				
	TP#2				4.53	*4.53*	15.78		
					2.92				
		6.33							
	SHAKE	4.54	*4.54*	20.32					
		2.75							
					6.12				
	TP#3				4.55	*4.55*	15.77		
					2.98				
		6.53							
	SHAKE	4.15	*4.15*	19.92					
		1.77							
					7.03				
	TBM#1				5.35	*5.35*	14.57		
					3.67				
		7.10							
	SHAKE	6.25	*6.25*	20.82					
		5.40							
					7.31				
	TBM#2				6.47	*6.47*	14.36		
					5.63				
		9.13							
	SHAKE	7.64	*7.64*	21.99					
		6.14							
					6.76				
	TP#4				5.05	*5.05*	16.95		
					3.33				
		6.36							
	SHAKE	4.38	*4.38*	21.33					
		2.40							
					7.14				
	TP#5				5.13	*5.13*	16.20		
					3.12				

MARTIN COUNTY- WELL M1259

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV.	NOTES
								NAVD-88	
		6.78							
	SHAKE	4.44	*4.44*	20.64					
		2.10							
					7.03				
	TP#6				4.98	*4.98*	**15.66**		
					2.92				
		6.80							
	SHAKE	4.54	*4.54*	20.20					
		2.28							
					6.32				
	TP#7				4.37	*4.37*	**15.83**		
					2.42				
		6.94							
	SHAKE	4.70	*4.70*	20.53					
		2.46							
					6.86				
	TP#8				4.69	*4.69*	**15.84**		
					2.52				
		6.90							
	SHAKE	4.59	*4.59*	20.43					
		2.28							
					6.66				
	TP#9				4.97	*4.97*	**15.46**		
					3.28				
		6.39							
	SHAKE	4.74	*4.74*	20.20					
		3.09							
	NGS BM				8.52				*ERROR*
	AJ5621				8.01	*8.01*	**12.19**	**12.15**	*-0.04*
	(M 516)				7.50				
01/18/06		4.62							
(FB 2564,	TBM#1	4.36	*4.36*	18.93				**14.57**	
PG 55)		4.09							
	WELL				6.03				*TOP OF PIPE*
	M1259				5.66	*5.66*	**13.27**		*WELL*
					5.29				***M1259***
		5.58							
	SHAKE	5.21	*5.21*	18.47					
		4.84							
	DISK				5.19				*SET SFWMD*
	M1259				4.83	*4.83*	**13.64**		*DISK STAMPED*
					4.47				***M 1259 2006***
		5.70							
	SHAKE	5.35	*5.35*	18.99					
		4.99							
01/18/06					4.89				*ERROR*
(FB 2564,	TBM#2				4.62	*4.62*	**14.37**	**14.36**	*-0.01*
PG 56)					4.35				

03-77616 **MARTIN COUNTY- WELL M1259**

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV.	NOTES
								NGVD29	
	NGS BM	9.71							
01/18/06	AJ5248	7.88	*7.88*	21.78				13.91	
	(GCY D05)	6.04							
					6.12				
(FB 2564,	TP#1				4.76	*4.76*	17.02		
PG 55…)					3.40				
		6.36							
	SHAKE	4.78	*4.78*	21.80					
		3.20							
					6.14				
	TP#2				4.53	*4.53*	17.27		
					2.92				
		6.33							
	SHAKE	4.54	*4.54*	21.81					
		2.75							
					6.12				
	TP#3				4.55	*4.55*	17.27		
					2.98				
		6.53							
	SHAKE	4.15	*4.15*	21.42					
		1.77							
					7.03				
	TBM#1				5.35	*5.35*	16.07		
					3.67				
		7.10							
	SHAKE	6.25	*6.25*	22.32					
		5.40							
					7.31				
	TBM#2				6.47	*6.47*	15.85		
					5.63				
		9.13							
	SHAKE	7.64	*7.64*	23.49					
		6.14							
					6.76				
	TP#4				5.05	*5.05*	18.44		
					3.33				
		6.36							
	SHAKE	4.38	*4.38*	22.82					
		2.40							
					7.14				
	TP#5				5.13	*5.13*	17.69		
					3.12				

03-77616 **MARTIN COUNTY- WELL M1259**

LEVEL RUN

DATE	STA	BS	MEAN	HI	FS	MEAN	ELEV	BM ELEV.	NOTES
								NGVD29	
		6.78							
	SHAKE	4.44	*4.44*	22.13					
		2.10							
					7.03				
	TP#6				4.98	*4.98*	**17.16**		
					2.92				
		6.80							
	SHAKE	4.54	*4.54*	21.70					
		2.28							
					6.32				
	TP#7				4.37	*4.37*	**17.33**		
					2.42				
		6.94							
	SHAKE	4.70	*4.70*	22.03					
		2.46							
					6.86				
	TP#8				4.69	*4.69*	**17.34**		
					2.52				
		6.90							
	SHAKE	4.59	*4.59*	21.93					
		2.28							
					6.66				
	TP#9				4.97	*4.97*	**16.96**		
					3.28				
		6.39							
	SHAKE	4.74	*4.74*	21.69					
		3.09							
	NGS BM				8.52				*ERROR*
	AJ5621				8.01	*8.01*	**13.68**	**13.64**	*-0.04*
	(M 516)				7.50				
01/18/06		4.62							
(FB 2564,	TBM#1	4.36	*4.36*	20.43				**16.07**	
PG 55)		4.09							
	WELL				6.03				*TOP OF PIPE*
	M1259				5.66	*5.66*	**14.77**		*WELL*
					5.29				***M1259***
		5.58							
	SHAKE	5.21	*5.21*	19.97					
		4.84							
	DISK				5.19				*SET SFWMD*
	M1259				4.83	*4.83*	**15.14**		*DISK STAMPED*
					4.47				***M 1259 2006***
		5.70							
	SHAKE	5.35	*5.35*	20.49					
		4.99							
01/18/06					4.89				*ERROR*
(FB 2564,	TBM#2				4.62	*4.62*	**15.87**	**15.85**	*-0.01*
PG 56)					4.35				