



STATE OF FLORIDA WELL COMPLETION REPORT

Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP

PLEASE, FILL OUT ALL APPLICABLE FIELDS
(\*Denotes Required Fields Where Applicable)

Delegated Authority (If Applicable) Miami-Dade

Date Stamp

Official Use Only

1.\*Permit Number 13-59-14310 \*CUP/WUP Number \*DID Number 62-524 Delineation No.

2.\*Number of permitted wells constructed, repaired, or abandoned 1 \*Number of permitted wells not constructed, repaired, or abandoned

3.\*Owner's Name South Florida Water Management District 4.\*Completion Date 3/20/2018 5. Florida Unique ID

6. SE Corner of Krome Ave and SW 184th St. Homestead Fl.
\*Well Location - Address, Road Name or Number, City, ZIP

7.\*County Miami-Dade \*Section 6 Land Grant \*Township 56 \*Range 39

8. Latitude Longitude

9. Data Obtained From: GPS Map Survey Datum: NAD 27 NAD 83 WGS 84

10.\*Type of Work: Construction Repair Modification Abandonment

11.\*Specify Intended Use(s) of Well(s)
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other
Other (Describe)

12.\*Drill Method Auger Cable Tool Rotary Combination (Two or More Methods) Jetted Sonic
Horizontal Drilling Hydraulic Point (Direct Push) Other

13.\*Measured Static Water Level 4 ft. Measured Pumping Water Level 4 ft. After 1 Hours at 20 GPM

14.\*Measuring Point (Describe) ALS Which is ft. Above Below Land Surface \*Flowing: Yes No

15.\*Casing Material: Black Steel Galvanized PVC Stainless Steel Not Cased Other

16.\*Total Well Depth 33 ft. Cased Depth 10.5 ft. \*Open Hole: From To ft. \*Screen: From 10.5 To 30.5 ft. Slot Size .060

17.\*Abandonment: Other (Explain)
From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

18.\*Surface Casing Diameter and Depth:
Dia 8 in. From +3.5 ft. To -2 ft. No. of Bags 1 Seal Material (Check One): Neat Cement Bentonite Other

19.\*Primary Casing Diameter and Depth:
Dia 4 in. From +3.5 ft. To 10.5 ft. No. of Bags 4 Seal Material (Check One): Neat Cement Bentonite Other

20.\*Liner Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

21.\*Telescope Casing Diameter and Depth:
Dia in. From ft. To ft. No. of Bags Seal Material (Check One): Neat Cement Bentonite Other

22. Pump Type (If Known): Centrifugal Jet Submersible Turbine
Horsepower Pump Capacity (GPM) 25
Pump Depth ft. Intake Depth 32 ft.

23. Chemical Analysis (When Required):
Iron ppm Sulfate ppm Chloride ppm
Laboratory Test Field Test Kit

24. Water Well Contractor:
\*Contractor Name Fred Kaub/GFA Intl. \*License Number 11236 E-mail Address bmccord@teamgfa.com

\*Contractor's Signature \*Driller's Name (Print or Type) Brian McCord
(I certify that the information provided in this report is accurate and true.)

**SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 2379 BROAD STREET, BROOKSVILLE, FL 34604-6899  
 PHONE: (352) 796-7211 or (800) 423-1476  
 WWW.SWFWMD.STATE.FL.US

**SOUTH FLORIDA WATER MANAGEMENT DISTRICT**  
 P.O. BOX 24680  
 3301 GUN CLUB ROAD  
 WEST PALM BEACH, FL 33416-4680  
 PHONE: (561) 686-8800  
 WWW.SFWMD.GOV

**ST. JOHNS RIVER WATER MANAGEMENT DISTRICT**  
 4049 REID STREET, PALATKA, FL 32178-1429  
 PHONE: (386) 329-4500  
 WWW.SJRWMD.COM

**SUWANNEE RIVER WATER MANAGEMENT DISTRICT**  
 9225 CR 49  
 LIVE OAK, FL 32060  
 PHONE: (386) 362-1001 or (800) 226-1066 (Florida only)  
 WWW.MYSUWANNEERIVER.COM

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT**  
 152 WATER MANAGEMENT DR., HAVANA, FL 32333-4712  
 (U.S. Highway 90, 10 miles west of Tallahassee)  
 PHONE: (850) 539-5999  
 WWW.NWFWMD.STATE.FL.US

**\*DRILL CUTTINGS LOG** (Examine cuttings every 20 ft. or at formation changes. Note cavities and depth to producing zone. Grain Size: F=Fine, M=Medium, and C=Coarse)

From 0 ft.	To 7 ft.	Color	Br/tan	Grain Size (F, M, C)	f/m	Material	sand with Limestone
From 7 ft.	To 12 ft.	Color	lt tan	Grain Size (F, M, C)		Material	limestone rock
From 12 ft.	To 14 ft.	Color	lt tan	Grain Size (F, M, C)	f/m	Material	sand and weathered LS
From 14 ft.	To 30 ft.	Color	lt tan	Grain Size (F, M, C)	f/m	Material	Limestone with some sand lenses
From 30 ft.	To 34 ft.	Color	lt gray	Grain Size (F, M, C)	f	Material	silty sand with trace LS
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____
From _____ ft.	To _____ ft.	Color	_____	Grain Size (F, M, C)	_____	Material	_____

Comments: site plan attached

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**\*Detailed Site Map of Well Location**







STATE OF FLORIDA PERMIT APPLICATION TO CONSTRUCT, REPAIR, MODIFY, OR ABANDON A WELL

- Southwest
Northwest
St. Johns River
South Florida
Suwannee River
DEP
Delegated Authority (If Applicable)

PLEASE FILL OUT ALL APPLICABLE FIELDS (\*Denotes Required Fields Where Applicable)

The water well contractor is responsible for completing this form and forwarding the permit application to the appropriate delegated authority where applicable.

Permit No. 13-59-14310
Florida Unique ID
Permit Stipulations Required (See Attached)
62-524 Quad No.
Delineation No.
CUP/WUP Application No.

ABOVE THIS LINE - FOR OFFICIAL USE ONLY

1. South Florida Water Manager 3301 Gun Club Road West Palm Beach, FL 33406 561-686-8800
\*Owner, Legal Name if Corporation \*Address \*City \*State \*ZIP Telephone Number

2. SE Corner SR 997 (Krome Ave) and SW 184th St (Eureka Drive) Homestead, FL
\*Well Location - Address, Road Name or Number, City

3. 30-6906-000-0180
\*Parcel ID No. (PIN) or Alternate Key (Circle One) Lot Block Unit

4. 6 56 39 Miami-Dade
\*Section or Land Grant \*Township \*Range \*County Subdivision Check if 62-524: Yes No

5. GFA International 11236 561-347-0070 bmccord@teamgfa.com
\*Water Well Contractor \*License Number \*Telephone Number E-mail Address

6. 1215 Wallace Drive Delray Beach FL 33444
\*Water Well Contractor's Address City State ZIP

7. \*Type of Work: Construction Repair Modification Abandonment Replacement well for well destroyed by road construction
8. \*Number of Proposed Wells 1 \*Reason for Repair, Modification, or Abandonment

9. \*Specify Intended Use(s) of Well(s):
Domestic Landscape Irrigation Agricultural Irrigation Site Investigations
Bottled Water Supply Recreation Area Irrigation Livestock Monitoring
Public Water Supply (Limited Use/DOH) Nursery Irrigation Test
Public Water Supply (Community or Non-Community/DEP) Commercial/Industrial Earth-Coupled Geothermal
Class I Injection Golf Course Irrigation HVAC Supply
HVAC Return

Class V Injection: Recharge Commercial/Industrial Disposal Aquifer Storage and Recovery Drainage
Remediation: Recovery Air Sparge Other (Describe)
DATE: 1/19/2018

10. \*Distance from Septic System if <= 200 ft. N/A 11. Facility Description 12. Estimated Start Date Feb 2018

13. \*Estimated Well Depth 34 ft. \*Estimated Casing Depth 12 ft. Primary Casing Diameter 4 in. Open Hole: From To ft.
14. Estimated Screen Interval: From 12 To 34 ft.

15. \*Primary Casing Material: Black Steel Galvanized PVC Stainless Steel
Not Cased Other:

16. Secondary Casing: Telescope Casing Liner Surface Casing Diameter 12 in.

17. Secondary Casing Material: Black Steel Galvanized PVC Stainless Steel Other
18. \*Method of Construction, Repair, or Abandonment: Auger Cable Tool Jetted Rotary Sonic
Combination (Two or More Methods) Hand Driven (Well Point, Sand Point) Hydraulic Point (Direct Push)
Horizontal Drilling Plugged by Approved Method Other (Describe) reverse air rotary

19. Proposed Grouting Interval for the Primary, Secondary, and Additional Casing:
From 8 To 10' BLS Seal Material ( Bentonite Neat Cement Other )
From 0 To 8' BLS Seal Material ( Bentonite Neat Cement Other )
From To Seal Material ( Bentonite Neat Cement Other )
From To Seal Material ( Bentonite Neat Cement Other )

20. Indicate total number of existing wells on site 0 List number of existing unused wells on site 0
21. \*Is this well or any existing well or water withdrawal on the owner's contiguous property covered under a Consumptive/Water Use Permit (CUP/WUP) or CUP/WUP Application? Yes No If yes, complete the following: CUP/WUP No. District Well ID No.

22. Latitude 80 28 40.8709 Longitude 25 35 38.8167

23. Data Obtained From: GPS Map Survey Datum: NAD 27 X NAD 83 WGS 84
I hereby certify that I will comply with the applicable rules of Title 40, Florida Administrative Code, and that I will use permit or artificial recharge permit, if needed, has been or will be obtained or is in the process of being obtained for all construction. I further certify that all information provided in this application is accurate and that I will obtain necessary approval from other federal, state, or local governments, if applicable. I agree to provide a well completion report to the District within 30 days after completion of the construction, repair, modification, or abandonment authorized by this permit, or the permit application, whichever occurs first.

\*Signature of Contractor \*License No. \*Signature of Owner or Agent \*Date

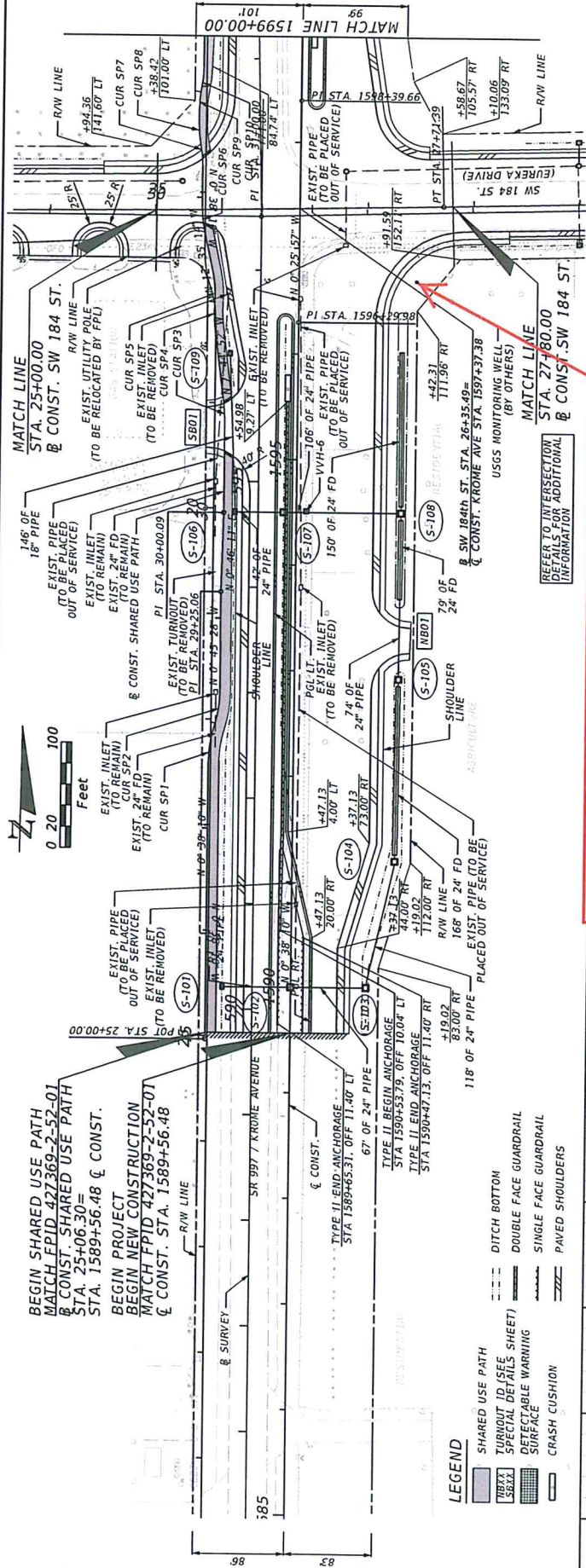
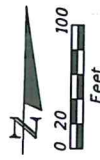
Approval Granted By Gerard Pulizaire Issue Date 1/19/18 Expiration Date 1/18/19 Hydrologist Approval
Fee Received \$ 75.00 Receipt No. B-BID-3055107 Check No. paid online

THIS PERMIT IS NOT VALID UNTIL PROPERLY SIGNED BY AN AUTHORIZED OFFICER OR REPRESENTATIVE OF THE WMD OR DELEGATED AUTHORITY. THE PERMIT SHALL BE AVAILABLE AT THE WELL SITE DURING ALL CONSTRUCTION, REPAIR, MODIFICATION, OR ABANDONMENT ACTIVITIES.

X20180055925

1-11-18





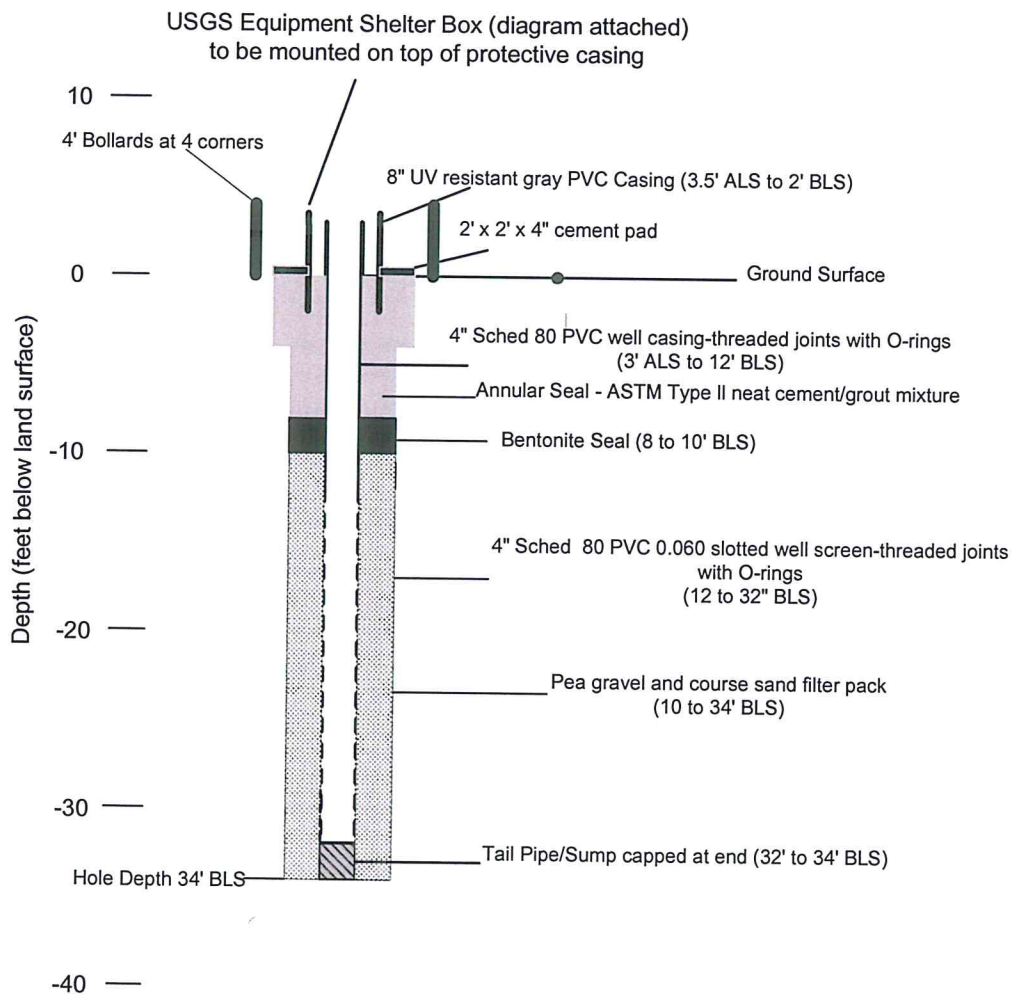
**PROPOSED SFWMD/USGS MONITORING WELL**  
 (TO BE CONSTRUCTED BY SFWMD)  
 STA. 1596+69.64 (111.18' RT) CL CONST. SR 997/KROME AVE  
 STA. 596+90.41 (147.30' RT) BL SURVEY SR 997/KROME AVE  
 N: 458812.3051, E: 828197.5623  
 LAT. N 25° 35' 38.8167", LONG. W 80° 28' 40.8709"

DATE	DESCRIPTION	REVISIONS	DATE	DESCRIPTION
1586+00	BEGIN SHARED USE PATH MATCH FPID 427369-2-52-01 CONST. SHARED USE PATH STA. 25+06.30=		1588+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1587+00	BEGIN NEW CONSTRUCTION MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1590+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1588+00	BEGIN NEW CONSTRUCTION MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1591+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1589+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1592+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1590+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1593+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1591+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1594+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1592+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1595+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1593+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1594+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1594+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1595+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1595+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1596+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1596+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1597+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1597+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1598+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1598+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1599+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48
1599+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48		1600+00	BEGIN PROJECT MATCH FPID 427369-2-52-01 CONST. STA. 1589+56.48

STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PROJECT NO.	PE No.	ENGINEER OF RECORD:
STATE OF FLORIDA	DEPARTMENT OF TRANSPORTATION	SR 997	MIAMI-DADE	427369-3-52-01	SR 997	63892	SHELLEY ORTIZ

**PROPOSED ROADWAY IMPROVEMENTS**  
**FDOT PROJECT PS&E PLANS**  
**(NOT FOR CONSTRUCTION)**

G757AR  
Monitor Well Construction



Lat N 25 35' 38.8167" Long W 80 28' 40.8709"  
More than 15 feet from FPL Power Pole



South Florida Water Management  
District  
3301 Gun Club Road  
West Palm Beach, Florida 33406

MONITOR WELL DESIGN  
G-757AR

Construction Details