

Johnson, Sabrina O

From: Chamberlain, Justin
Sent: Wednesday, September 16, 2020 11:24 AM
To: Black, Alexis
Cc: SWD_Waste
Subject: FW: 87895 Gas Probe 4R installation
Attachments: 87895 GP4R Installation RPT.PDF

FYI

Regards,
Justin



**Justin Chamberlain, P.G.
Professional Geologist I**

Florida Department of Environmental Protection
Solid Waste Permitting & Waste Cleanup
13051 N. Telecom Parkway, Suite 101
Temple Terrace, FL 33637-0926
Direct: (813) 470-5725 Main: (813) 470-5700
Email: Justin.Chamberlain@floridadep.gov

Note: All your favorite people at the FDEP have new email addresses (@floridadep.gov)! Please make sure to update your contact list!

For information on Solid Waste Permitting, please visit our [Solid Waste website](#):

For Waste Cleanup Program guidance and information, please visit our [Waste Cleanup website](#):

For information on the Florida Brownfields Redevelopment Program, please visit our [Brownfields website](#):

Permitting Consistency Initiative: The Florida Department of Environmental Protection is committed to providing efficient, consistent and quality service to the citizens of Florida.

In keeping with these objectives, we continue to identify ongoing improvements to our permitting process by standardizing and simplifying our documents.

From: Walker Wrenn <walker@locklearconsulting.com>
Sent: Wednesday, September 16, 2020 11:22 AM
To: Chamberlain, Justin <Justin.Chamberlain@FloridaDEP.gov>
Subject: 87895 Gas Probe 4R installation

Justin,

Please see the attached report.

All the best,

Walker Wrenn, P.G. | Environmental Division Director
4140 NW 37th Place, Suite A, Gainesville, FL 32606
P: [352.672.6867](tel:352.672.6867) F: [352.692.5390](tel:352.692.5390)





TEL (352) 672-6867
FAX (352) 692-5930
4140 NW 37th Place, Suite A,
Gainesville, FL 32606
www.locklearconsulting.com

September 10, 2020

Justin Chamberlain, P.G.
Florida Department of Environmental Protection – Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637

**RE: Abandonment of Gas Probe P-4 and
Installation of Gas Probe P-4R
Angelo’s Recycled Materials – Enterprise Class III Landfill**

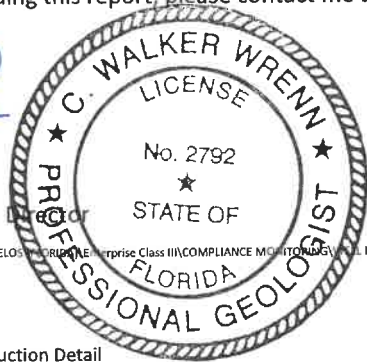
Dear Mr. Chamberlain,

Under the observation of Walker Wrenn, P.G., gas probe P-4 was abandoned and gas probe P-4R was installed by Drill Pro d/b/a Groundwater Protection on August 28, 2020. Gas probe P-4 was abandoned by tremie pipe injection of grout from the bottom of the probe to the top. P-4R was installed using a hollow stem auger with an eight inch borehole diameter. The Site Map is provided in Figure 1. The gas probe construction detail is provided in Figure 2. The Well Completion Log, completed by Drill Pro is provided in Attachment 1. P-4R is located at 28°20'07.71", -082°08'08.12" and a ground elevation of 90.7' NGVD.

Landfill gas monitoring will continue to be performed quarterly per the facility permit.

If you have any questions regarding this report, please contact me at (352) 672-6867.

Sincerely,



9/10/20

C. Walker Wrenn
Environmental Services Division Director

\\LOCKLEARSERVER\Shared Folders\Projects\P Drive Files\ANGELOS RECYCLED ENTERPRISE CLASS III\COMPLIANCE MONITORING\CELL INFORMATION\Cell 17 mod\Gas Probe P-4R\Narrative.docx

Xc: John Arnold, P.E.

Figure 1: Site Plan
Figure 2: Gas Probe Construction Detail

Attachment 1: Well Completion Log

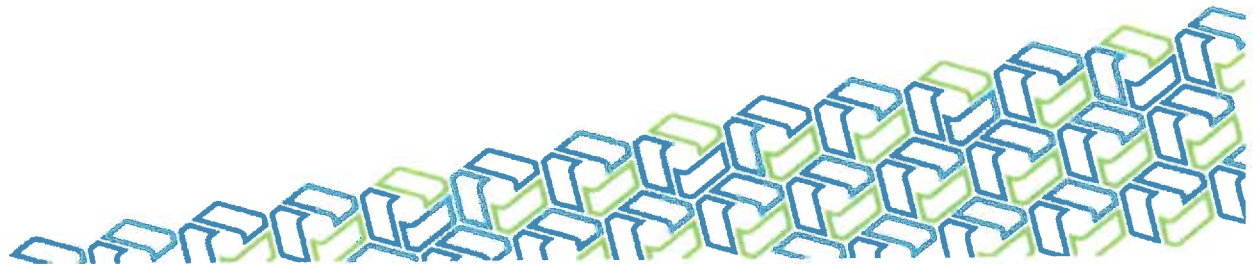










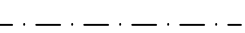



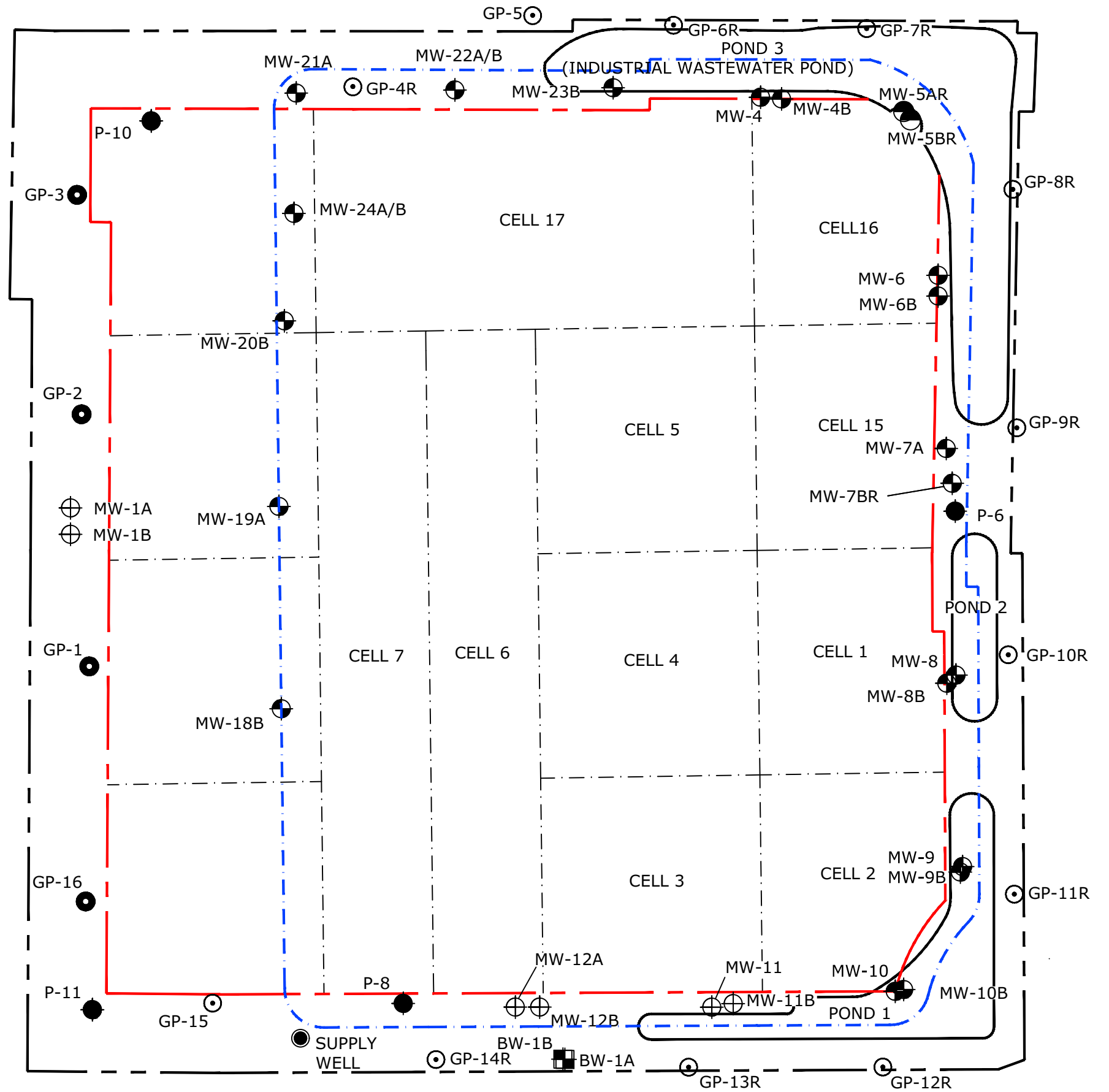
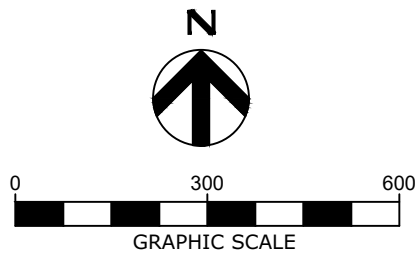
FIGURE 1

SITE PLAN

\\LOCKLEARSERVER\Shared Folders\Projects\Drive Files\ANGELOS (FLORIDA)\Enterprise Class III\COMPLIANCE MONITORING\WELL INFORMATION\Cell 17\Mod\Gas Probe P-4R\Figure 1.GP-4R.dwg PLOT DATE: 9/12/2020 8:28 PM BY: LIB

LEGEND

-  BW-1B BACKGROUND MONITORING WELL LOCATION
-  MW-7A DETECTION MONITORING WELL LOCATION
-  SUPPLY WELL LOCATION
-  P-11 SOLID WASTE PIEZOMETER WELL LOCATION
-  MW-12A WATER LEVEL ONLY WELL LOCATION
-  MW-5AR COMPLIANCE MONITORING WELL LOCATION
-  GP-10R GAS PROBE LOCATION
-  GP-16 FUTURE GAS PROBE LOCATION
-  PROPERTY BOUNDARY
-  LANDFILL LIMITS
-  CELL BOUNDARY
-  ZONE OF DISCHARGE



NO.	DATE	REVISION DESCRIPTION	BY
1	9/10/2020	GP-4 ABANDONED; GP-4R INSTALLED	WW



4140 NW 37th Place, Suite A
 Gainesville, Florida 32606
 Phone: 352.672.6867 Fax: 352.692.5390
 Certificate of Authorization No. 30066

PROJECT TITLE:
**ENTERPRISE ROAD CLASS III
 RECYCLING AND DISPOSAL FACILITY
 DADE CITY, FLORIDA**

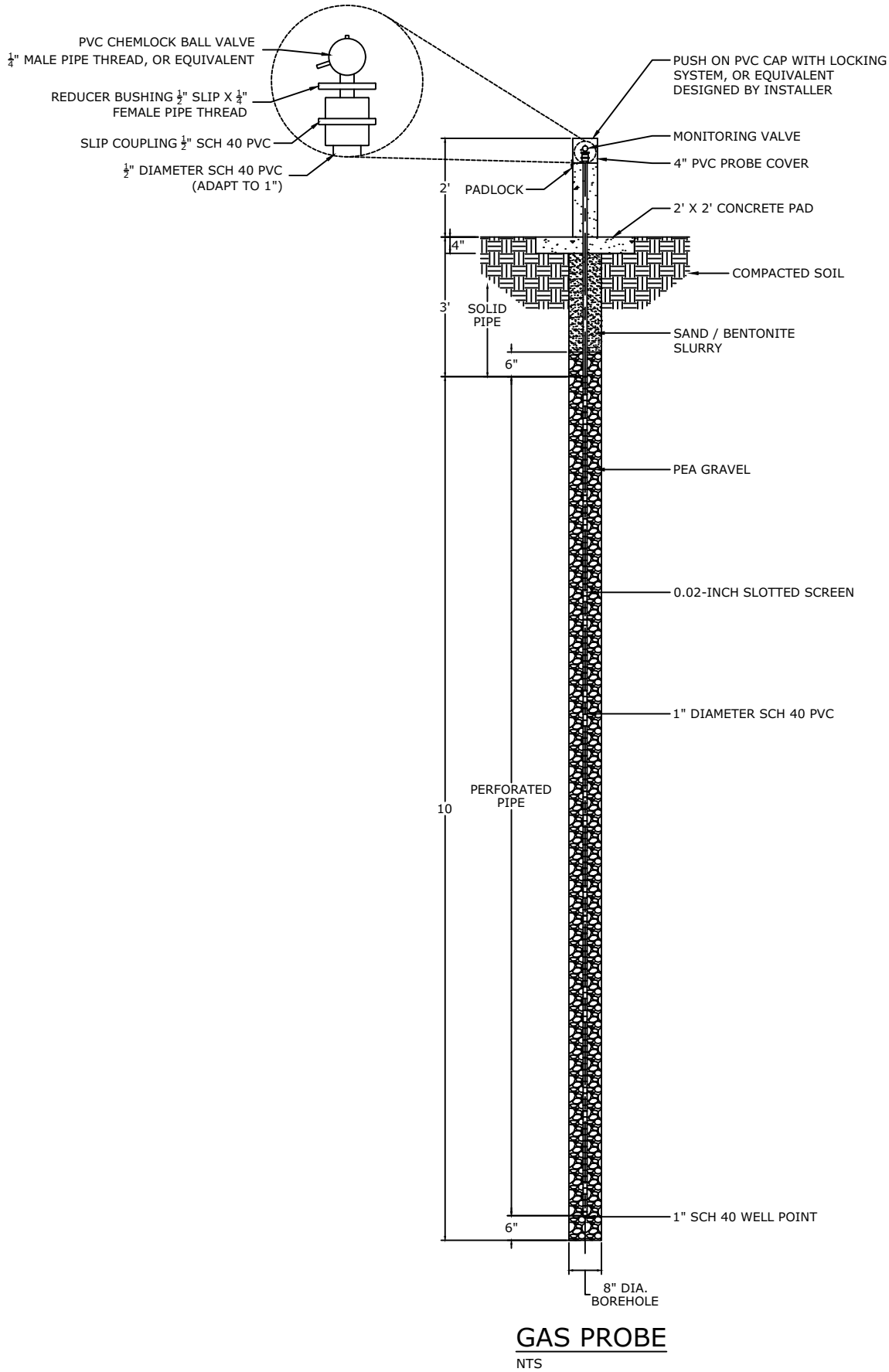
LISA J. BAKER	DESIGNED BY	LIB
	DRAWN BY	LIB
	CHECKED BY	JDL
FL PE NO. 74652	APPROVED BY	LIB

SHEET TITLE:
SITE MAP

PROJECT NO.:
 02000-144-14
 SCALE:
 AS SHOWN
 DATE:
 JULY 2019
 DRAWING:
FIGURE 1

FIGURE 2

GAS PROBE CONSTRUCTION DETA



ATTACHMENT 1

WELL COMPLETION LOG

WELL COMPLETION LOG

Water Mgmt. Dist.:

Permit Number:

Work Order: 820034

Type of Well: Gas Probe

Well Number: GP 4R

Method Used: H S A

Borehole Diaz. 8"

Site Information:

Name: Enterprise Recycling & Disposal

Address: 41111 Enterprise Dr.

C,S,Z: Dade City, FL

S/T/R:

Client / Consultant Information

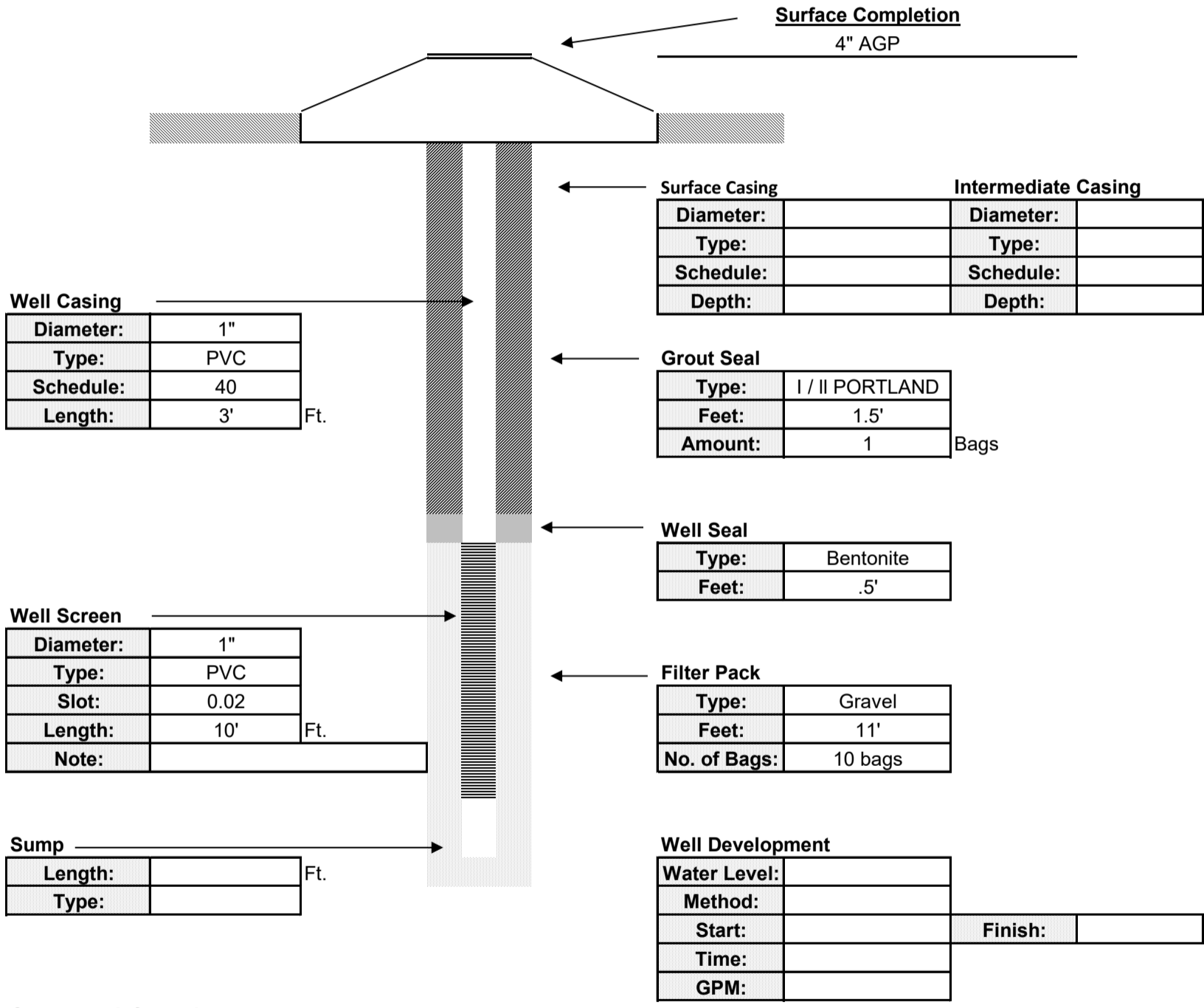
Consultant: Locklear & Assoc.

Field Rep: Walker Wrenn

Well Diameter	Well Type	Well Depth	Screen Length	Casing Length	Bags Grout	Sand Bags/Weight	Filter Type	Well Seal
1"	PVC	13'	10'	3'	1	10 bags	Gravel	Bentonite
40 ←	Schedule	Slot Size: →	0.02		1.5' ←	Feet →	11'	.5'

Surface Completion

4" AGP



Well Casing

Diameter:	1"
Type:	PVC
Schedule:	40
Length:	3' Ft.

Surface Casing

Diameter:		Diameter:	
Type:		Type:	
Schedule:		Schedule:	
Depth:		Depth:	

Intermediate Casing

Grout Seal

Type:	I / II PORTLAND
Feet:	1.5'
Amount:	1 Bags

Well Seal

Type:	Bentonite
Feet:	.5'

Well Screen

Diameter:	1"
Type:	PVC
Slot:	0.02
Length:	10' Ft.
Note:	

Filter Pack

Type:	Gravel
Feet:	11'
No. of Bags:	10 bags

Sump

Length:		Ft.
Type:		

Well Development

Water Level:	
Method:	
Start:	Finish:
Time:	
GPM:	

Contractor Information

Contractor #:	9311
Completion:	8/28/2002
Driller:	Jeff Zeigler
Lead Hand:	Alex Rivera
3rd Man:	NA
Drill Rig:	7822

Company:	Drillpro LLC d/b/a Groundwater Protection
Address:	2300 Silver Star Road
C,S,Z:	Orlando, Florida 32804-3310
Phone/FAX:	(407) 426-7885 / (407) 426-7586