



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

SCADA RTU Station Name: C4360C C4360B C4360A	DB Hydro Station Name: C4360G3 C4360G2 C4360G1	DB Hydro Site Name: C4360	Agency: S.F.W.M.D	Date of Field Work: 4/24/2019
Party Chief: EBANKS	Field Book: SCADA FB# 13	Page(s): 27	Prepared by: E. Ebanks	

SITE SPECIFIC DATA

Site Benchmark(s): PZ60A 2018 PZ60B 2018	Benchmark Elevation(s) (NAVD88) 24.03 feet 24.05 feet	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) +1.25 feet
Reference Elevation(s) (NAVD88): C4360C = 27.70 feet C4360B = 27.76 feet C4360A = 28.05 feet		Calibration Port Elevation(s) (NAVD88): N/A
Ground Elevation (NAVD88): 24.7 feet		Pad Elevation (NAVD88): C= 24.34 feet, B= 24.44 feet, A= 24.75 feet

GEOGRAPHIC DATA

Section 9	Township 44 South	Range 28 East
Well(s) Gate(s) Benchmark(s)	Latitude: C4360C 26°39'32.3" C4360B 26°39'32.1" C4360A 26°39'31.9"	Longitude: C4360C -81°31'02.4" C4360B -81°31'02.4" C4360A -81°31'02.4"
	State Plane Coordinates	Northing (Y) = N/A Easting (X) = N/A

Notes: **NAVD88** – North American Vertical Datum of 1988; **NGVD29**- National Geodetic Vertical Datum of 1929; **Corpscon 6.0.1** - A U.S. Army Corps of Engineers Engineering Research and Development Center Topographic Engineering Center Alexandria, Virginia Windows-based program to convert coordinates and elevations between datum's using vertcon05.txt and vertcon05.05 files supplied by the U.S. Army Corps of Engineers South Atlantic Division, Jacksonville FL.

PICTURES

Aerial of Overall Site

Not to scale (esri product)



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

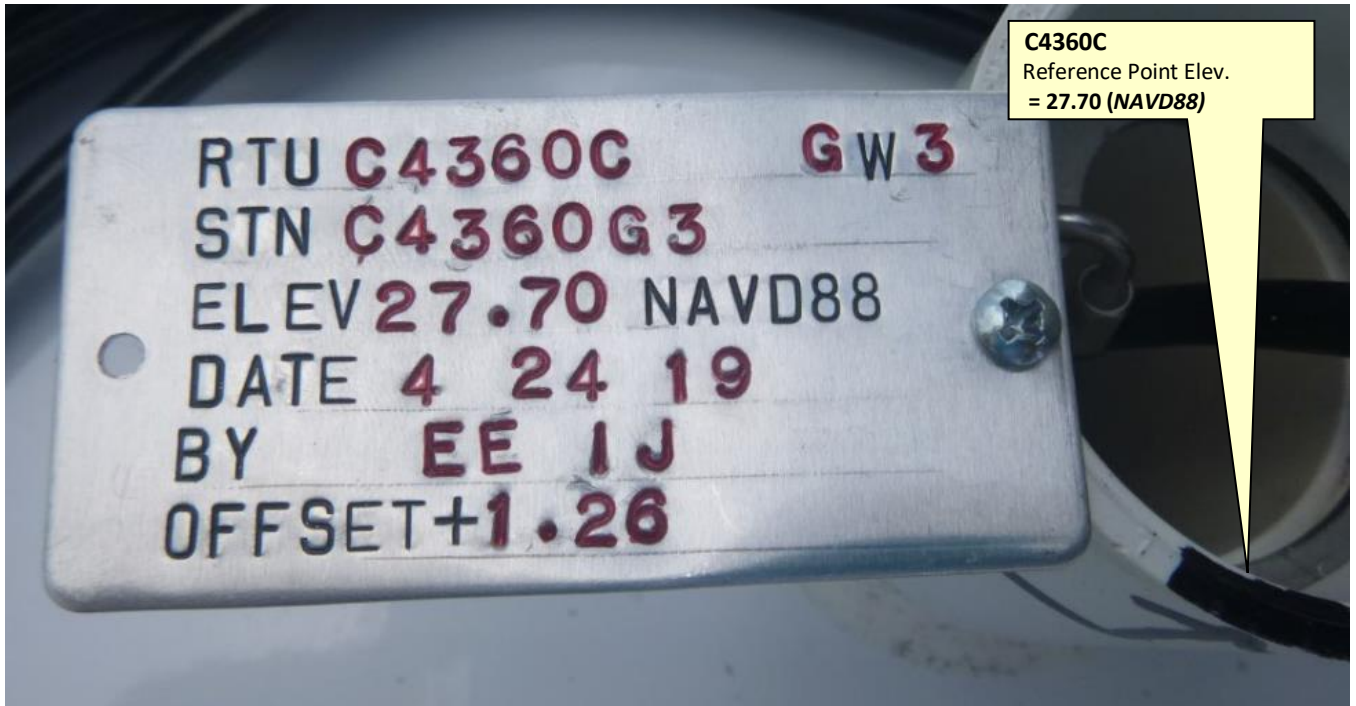
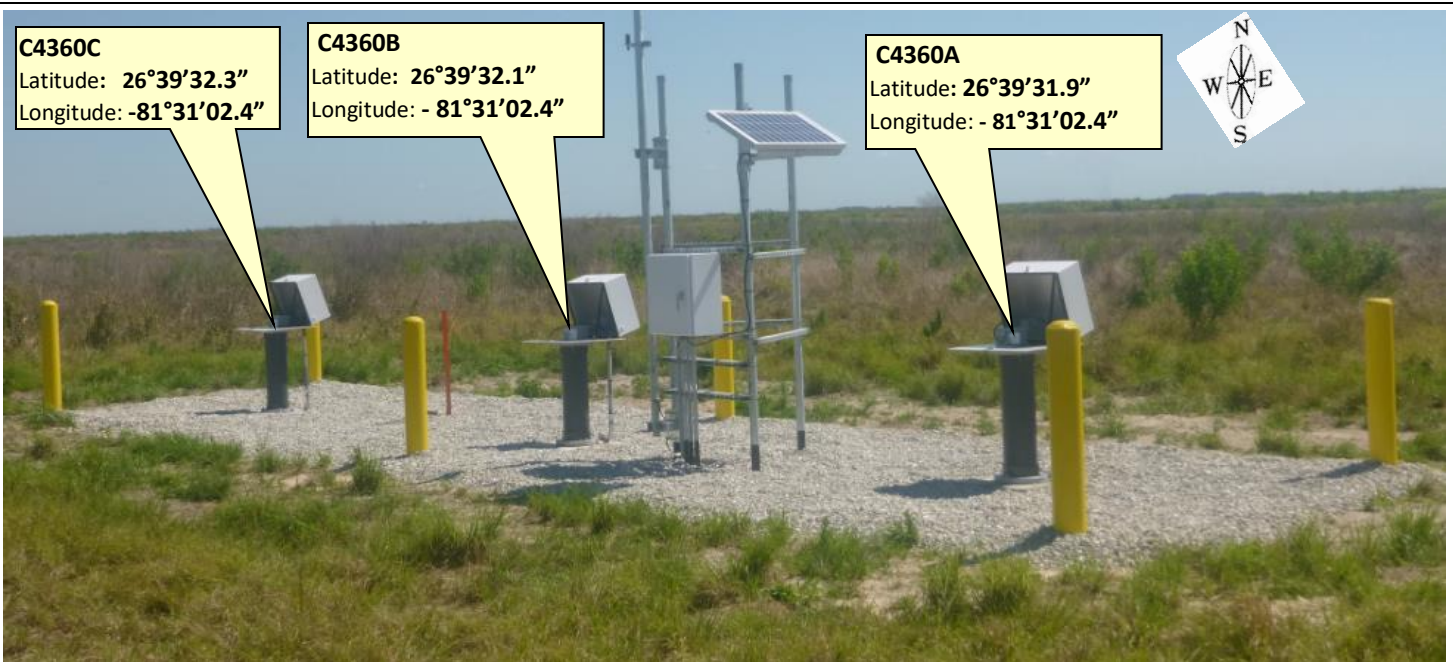
Rev. 1/16

C4360 Well Site

C4360C
Latitude: 26°39'32.3"
Longitude: -81°31'02.4"

C4360B
Latitude: 26°39'32.1"
Longitude: - 81°31'02.4"

C4360A
Latitude: 26°39'31.9"
Longitude: - 81°31'02.4"



C4360C
Reference Point Elev.
= 27.70 (NAVD88)

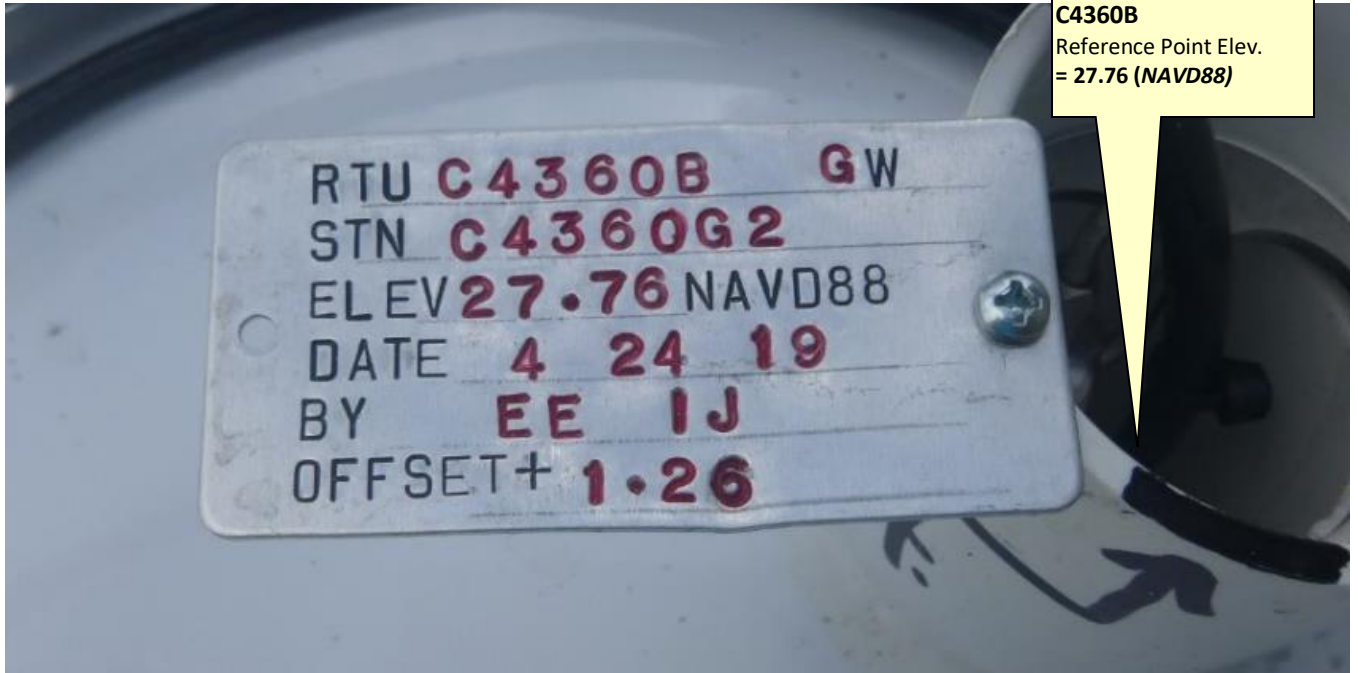
RTU C4360C GW3
STN C4360G3
ELEV 27.70 NAVD88
DATE 4 24 19
BY EE IJ
OFFSET +1.26



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

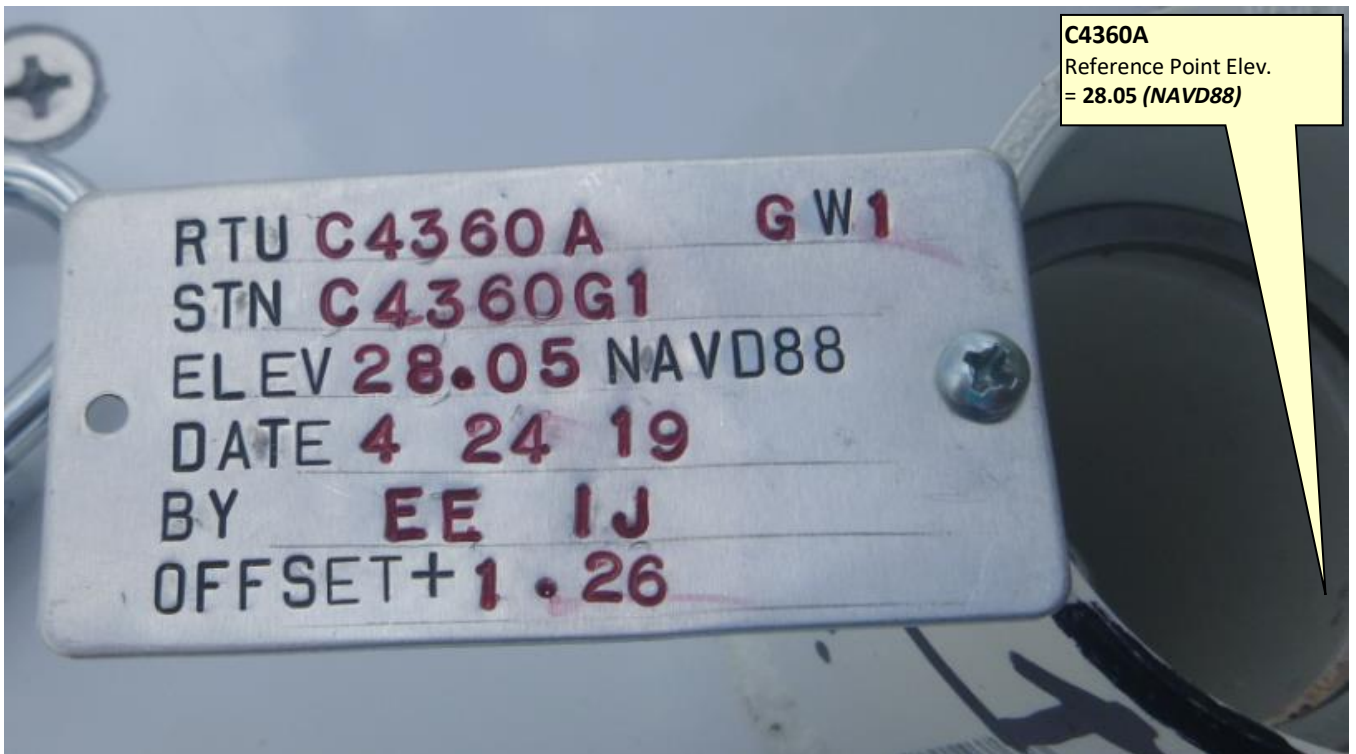
Rev. 1/16

C4360 Wells



C4360B
Reference Point Elev.
= 27.76 (NAVD88)

RTU **C4360B** GW
STN **C4360G2**
ELEV **27.76** NAVD88
DATE **4 24 19**
BY **EE IJ**
OFFSET + **1.26**



C4360A
Reference Point Elev.
= 28.05 (NAVD88)

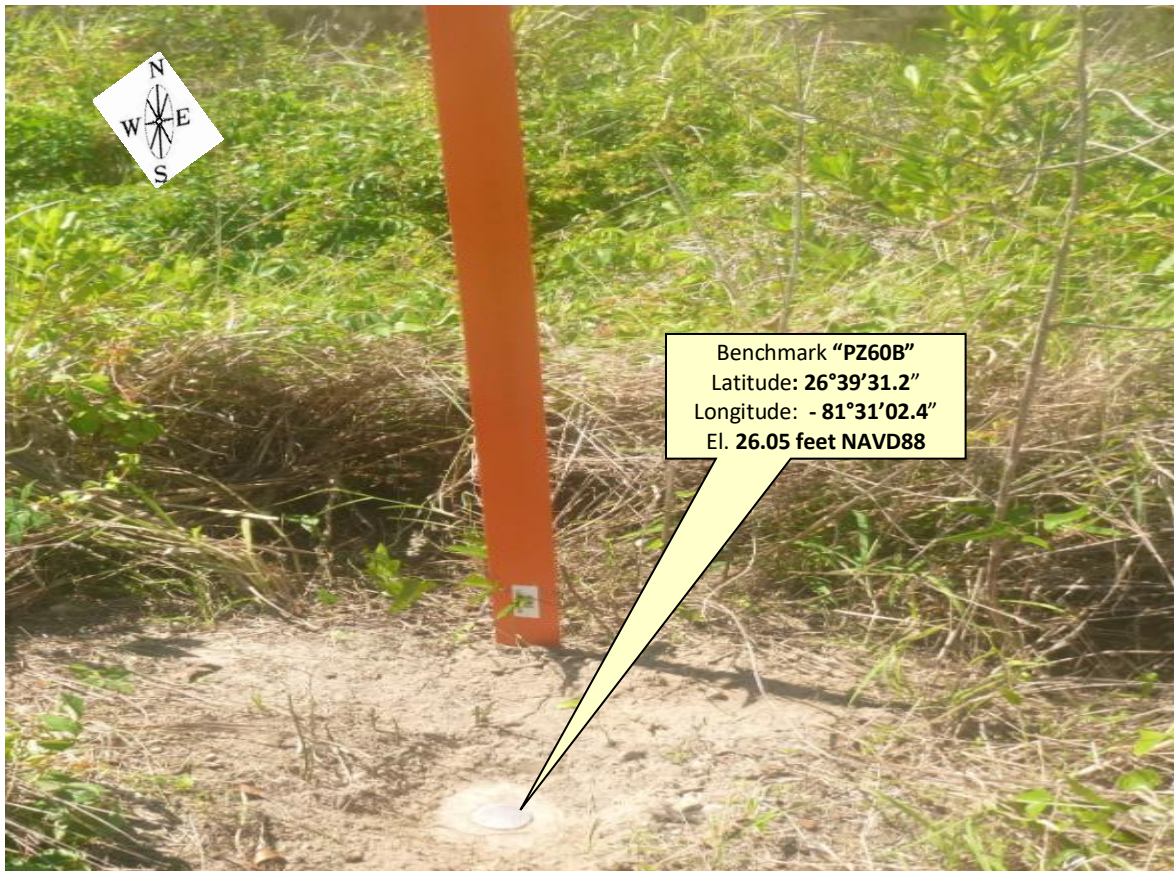
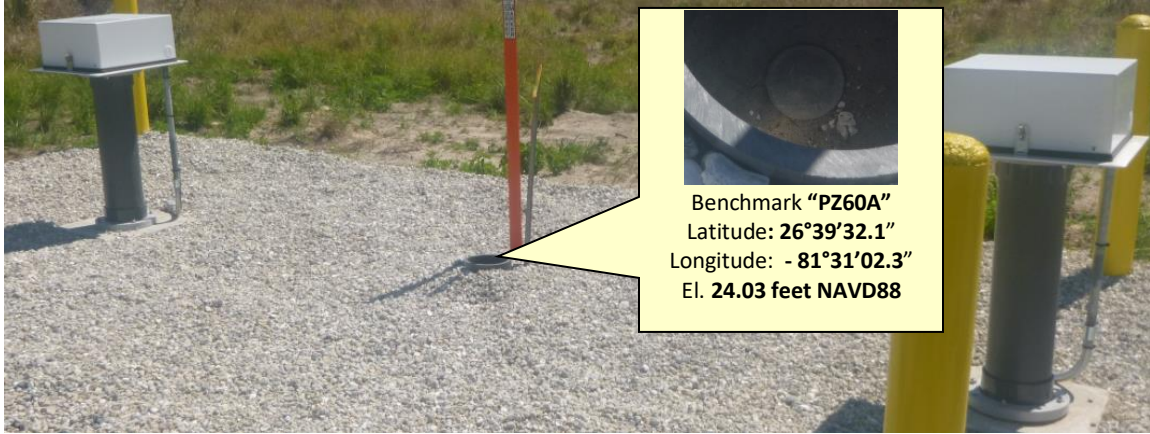
RTU **C4360A** GW1
STN **C4360G1**
ELEV **28.05** NAVD88
DATE **4 24 19**
BY **EE IJ**
OFFSET + **1.26**



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

"PZ60A" Benchmark Location Benchmark: El.24.03 feet (NAVD88)





SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

"PZ60A" Benchmark Datasheet (1 of 1)



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 8/07

DESIGNATION: PZ 60A		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: MARCH 1, 2018	
GEOGRAPHIC POSITION			
SECTION: 9	TOWNSHIP: 44 SOUTH	RANGE: 28 EAST	
COUNTY: HENDRY		NAME OF QUADRANGLE: ALVA	
		GEOGRAPHIC INDEX OF QUAD:	
HORIZONTAL DATUM: 1927 <input checked="" type="radio"/> 1983 Other _____ (circle one) ZONE <input checked="" type="radio"/> E or W			
VERTICAL DATUM: MSL 1929 <input checked="" type="radio"/> 1988 Other N/A (circle one)			
CONTROL ACCURACY: HORIZONTAL 1 2 <input checked="" type="radio"/> _____ (circle one) VERTICAL 1 2 <input checked="" type="radio"/> N/A			
STATE PLANE COORDINATES	X = 487207.1	Y = 845532.8	NAVD 88 ELEV. 24.03' NGVD 29 ELEV. 25.35'
LATITUDE = N26° 39' 32.12"		LONGITUDE = W81° 31' 02.39"	
RECOVERY DESCRIPTION			
Stamping: SET ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. " PZ 60A LB 7975 2018"			
To Reach: To reach the station from the intersection of S.R. 80 and West Cowboy Way. Go along S.R. 80 SW for 3.9 miles to Congen Rd. on the left. Go along Congen Rd. South 0.14 miles to gate (SFWMD Lock) continue South 0.4 miles to the intersection of an East-West dirt road. Thence East. 0.26 miles to the junction of a dirt road south. Thence south for 3.0 miles till the road turns west. Go west 0.80 miles to the marks.			
Notable Land marks: PZ 60A is an aluminum disk set in a concrete pad stamped and is 33 ft. East of the top of bank of a North-South canal 22.50 ft. North of the most southern well and 8.50 ft. of the most northerly well.			
FIELD BOOK: 510		PAGE: 37	



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

"PZ60B" Benchmark Datasheet (1 of 1)



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 8/07

DESIGNATION: PZ 60B		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: MARCH 1, 2018	
GEOGRAPHIC POSITION			
SECTION: 9	TOWNSHIP: 44 SOUTH	RANGE: 28 EAST	
COUNTY: HENDRY	NAME OF QUADRANGLE: ALVA		
GEOGRAPHIC INDEX OF QUAD:			
HORIZONTAL DATUM: 1927 (1983) Other _____ (circle one) ZONE (E) or W			
VERTICAL DATUM: MSL 1929 (1988) Other N/A (circle one)			
CONTROL ACCURACY: HORIZONTAL 1 2 (3) _____ (circle one) VERTICAL 1 2 (3) N/A			
STATE PLANE COORDINATES	X = 487207.0	Y = 845438.6	NAVD 88 ELEV. 26.05' NGVD 29 ELEV. 27.36'
LATITUDE = N26° 39' 31.19"		LONGITUDE = W81° 31' 02.39"	
RECOVERY DESCRIPTION			
Stamping: POURED IN PLACE CONCRETE MONUMENT WITH ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. "PZ 60B LB 7975 2018"			
To Reach: To reach the station from the intersection of S.R. 80 and West Cowboy Way, Go along S.R. 80 SW for 3.9 miles to Congen Rd. on the left. Go along Congen Rd. South 0.14 miles to gate (SFWMD Lock) continue South 0.4 miles to the intersection of an East-West dirt road. Thence East 0.26 miles to the junction of a dirt road south. Thence south for 3.0 miles till the road turns west. Go west 0.80 miles to the marks.			
Notable Land marks: PZ 60B is a poured in place concrete monument with an aluminum disk and is 72 ft. South of the most southerly well, 68 ft. Southeast of the top of bank at the center of the bullnose of the North-South running canal, and 17 ft. North of the top of bank of the East-West running canal.			
FIELD BOOK: 510		PAGE: 37	



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

C4360R Field Notes (1 of 1)

27

SCADA FB#13

4-24-19

SEC. 9 TWP 44 Rge 28

Ebanks
Jones

Establish REF. Elev. FOR wells @ C-43 Reservoir
Well C4360

DATA	+	+1.1.	-	Elev	Remarks
BM P260A	5.69	29.72		24.03	
GW X3 C			2.02	27.70	✓
GW 2 B			1.96	27.76	✓
GW X1 A			1.67	28.05	✓
GW X PAD B			5.38	24.34	
GW 2 PAD			5.28	24.44	
GW X PAD 1			4.97	24.75	
GROUND E			5.2	24.5	
GROUND N			5.14	24.3	24.7
GROUND W			5.0	24.7	
GROUND S.			4.5	25.2	
P260B			3.66	26.06	[26.05]
P260B	3.75	R+ 29.80		26.05	
GW X1			1.74	28.04	
GW 2			2.05	27.75	
GW X3			2.11	27.69	
BM P260A			5.78	24.02	[24.03]

6/20/19 :- Well A & C Revised per: SCADA instructions
(C. Gomez)