



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

SCADA RTU Station Name: C43203A C43203B	DB Hydro Station Name: C43203G1 C43203G2	DB Hydro Site Name: C43203	Agency: S.F.W.M.D	Date of Field Work: 3/04/2019
Party Chief: EBANKS	Field Book: SCADA FB#13	Page(s): 18		Prepared by: A.Schauer

SITE SPECIFIC DATA

Site Benchmark(s): PZ203A 2018 PZ203B 2018	Benchmark Elevation(s) (NAVD88) 20.70 feet 19.77 feet	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) +1.26 feet
Reference Elevation(s) (NAVD88): C43203A = 24.02 feet C43203B = 24.02 feet		Calibration Port Elevation(s) (NAVD88): N/A
Ground Elevation (NAVD88): 20.2 feet		Pad Elevation (NAVD88): 20.66 feet

GEOGRAPHIC DATA

Section 29		Township 43 South	Range 28 East
Well(s) Gate(s)	Latitude: C43203A 26°42'09.7" C43203B 26°42'09.7"	Longitude: C43203A -81°31'04.5" C43203B -81°31'04.5"	Source: Scaled pick point aerial esri product
Benchmark(s)	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)

C43203B
Latitude: 26°42'09.7"
Longitude: -81°31'04.5"

Benchmark "PZ203A 2018"
Latitude: 26°42'04.0"
Longitude: -81°31'16.9"
El. 20.70 feet NAVD88

C43203A
Latitude: 26°42'09.7"
Longitude: -81°31'04.5"

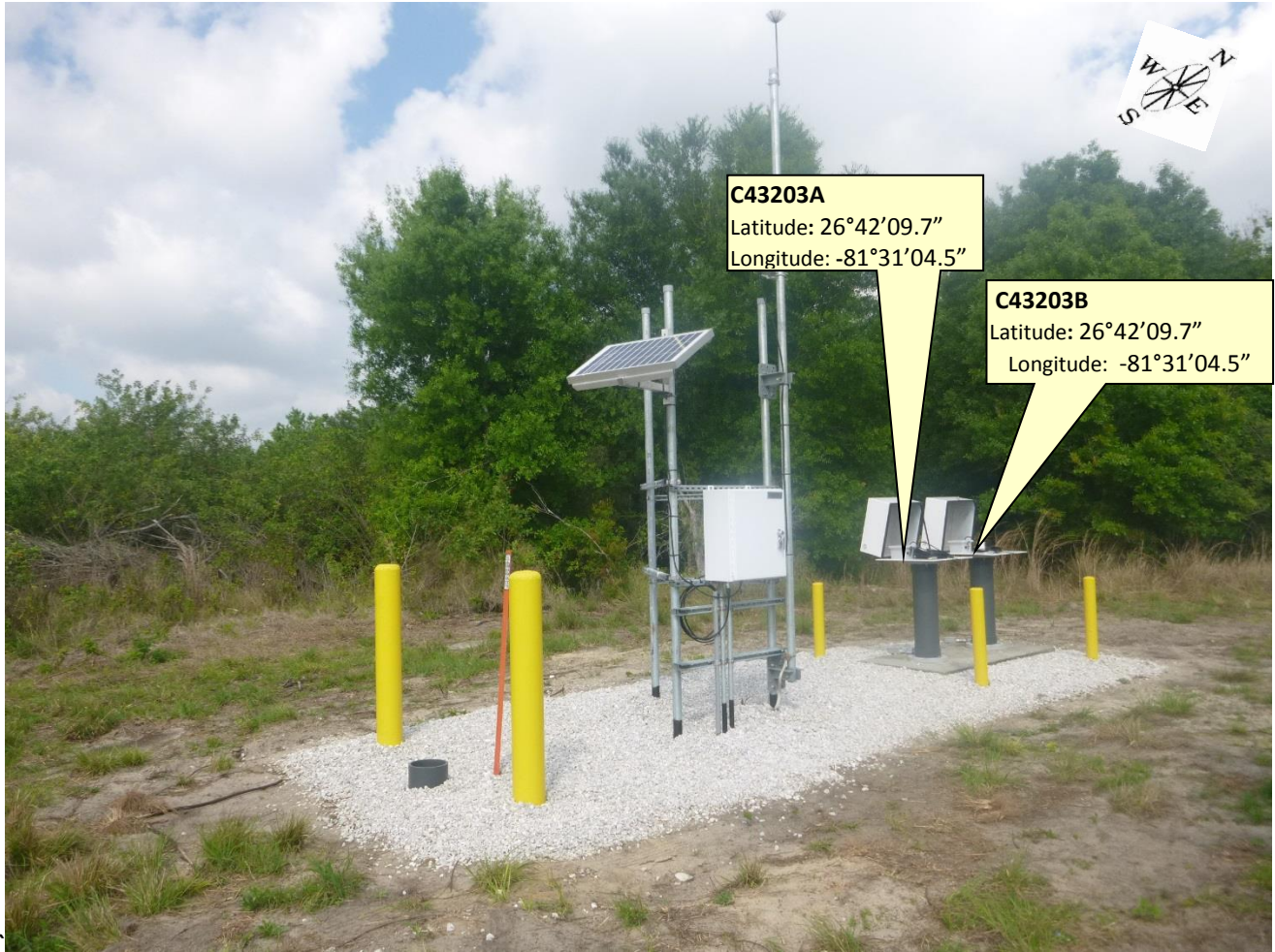
Benchmark "PZ203B 2018"
Latitude: 26°42'09.5"
Longitude: -81°31'04.4"
El. 19.77 feet NAVD88



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C43203 Piezometer Well Site



C43203A
Latitude: 26°42'09.7"
Longitude: -81°31'04.5"

C43203B
Latitude: 26°42'09.7"
Longitude: -81°31'04.5"



C43203A
Latitude: 26°42'09.7"
Longitude: -81°31'04.5"

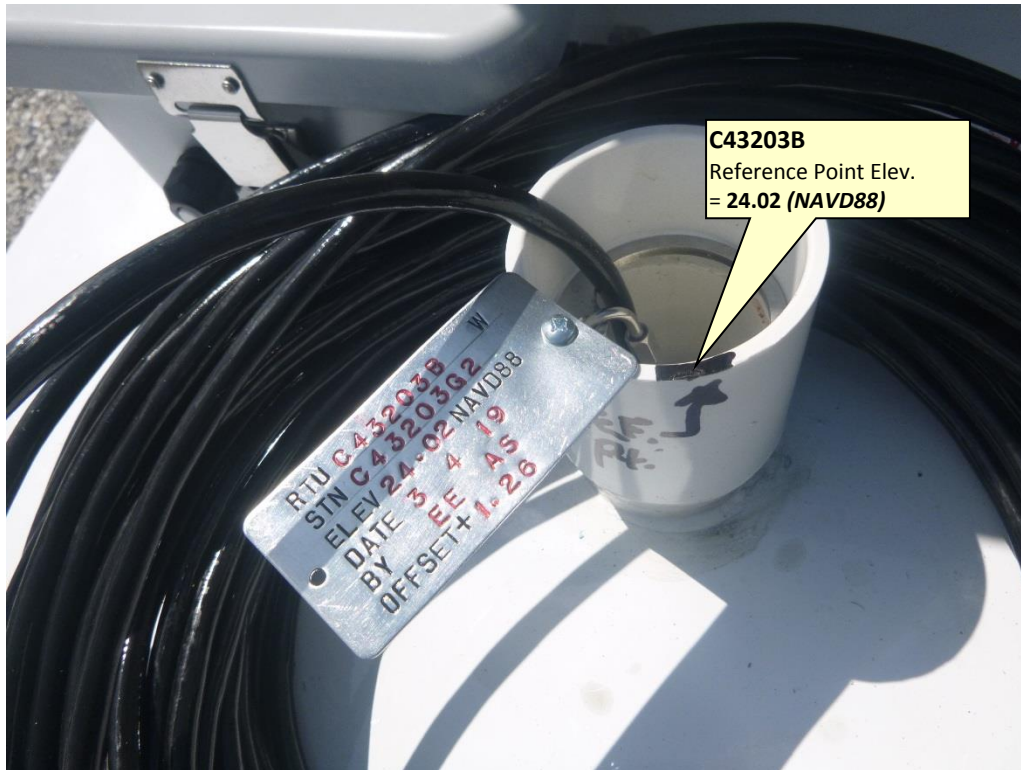
C43203B
Latitude: 26°42'09.7"
Longitude: -81°31'04.5"



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C43203 Piezometer Wells

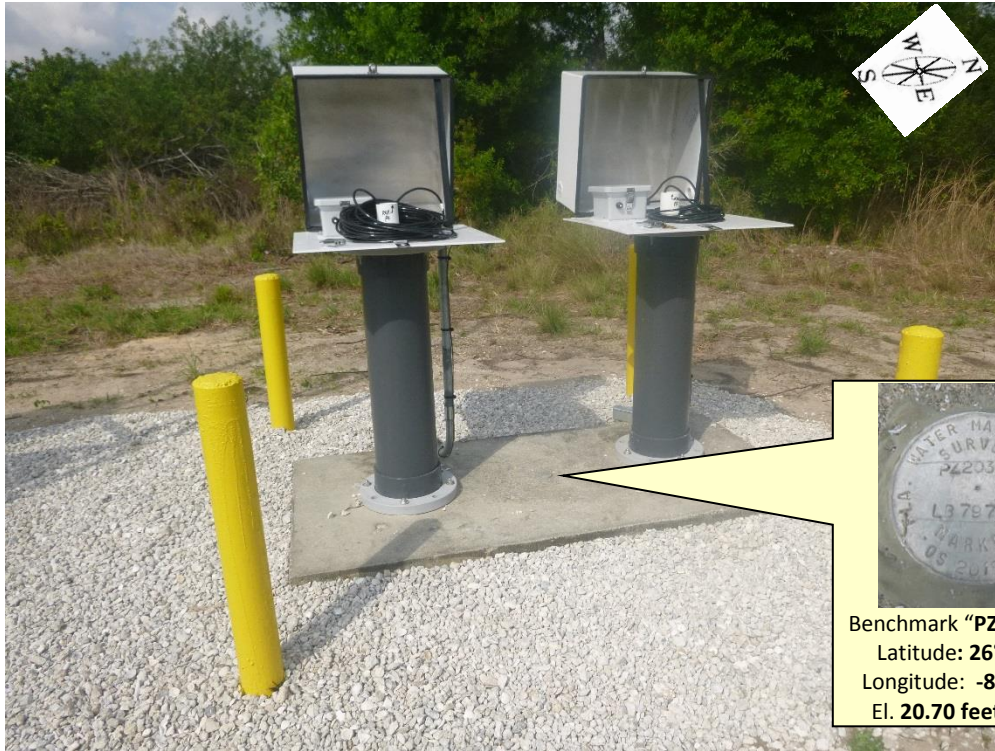




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"C43203A 2018" Benchmark Location
Benchmark: El. **20.70 feet (NAVD88)**



Benchmark "PZ203A 2018"
Latitude: **26°42'04.0"**
Longitude: **-81°31'16.9"**
El. **20.70 feet NAVD88**



Benchmark "PZ203A 2018"
Latitude: **26°42'04.0"**
Longitude: **-81°31'16.9"**
El. **20.70 feet NAVD88**



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"C43203B 2018" Benchmark Location Benchmark: El. 20.40 feet (NAVD88)



Benchmark "PZ203B 2018"
Latitude: 26°42'09.5"
Longitude: -81°31'04.4"
El. 19.77 feet NAVD88



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"PZ203A 2018" Benchmark Datasheet (1 of 1)



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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DESIGNATION: PZ 203A		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: FEBRUARY 21, 2018	
GEOGRAPHIC POSITION			
SECTION: 4	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 = 487074.3	Y = 861439.6	NAVD 88 ELEV. 20.70' NGVD 29 ELEV. 21.97'
LATITUDE = N26° 42' 09.65"		LONGITUDE = W81° 31' 04.57"	
RECOVERY DESCRIPTION			
Stamping: SET ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST."PZ 203A 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 go West for 0.55 miles to a canal crossing on the right (North). Thence go North, crossing canal, for 100 feet. The mark is on the left.			
Notable Land marks: PZ 203A, is an aluminum disk in a concrete pad, between two monitoring wells and is 120 ft. North of the centerline of a dirt road. 124 ft. NW of the of the East end of a 36" corrugated metal pipe. 4 ft. SE of the NW bollard around wells and NW corner of concrete pad.			
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"PZ203B 2018" Benchmark Datasheet (1 of 1)



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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DESIGNATION: PZ 203B		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: FEBRUARY 21, 2018	
GEOGRAPHIC POSITION			
SECTION: 4	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 = 487075.4	Y = 861421.7	NAVD 88 ELEV. 19.77' NGVD 29 ELEV. 21.03'
LATITUDE = N26° 42' 09.47"		LONGITUDE = W81° 31' 04.55"	
RECOVERY DESCRIPTION			
Stamping: POURED IN PLACE CONCRETE MONUMENT WITH ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. "PZ 203B 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 go West for 0.55 miles to a canal crossing on the right (North). Thence go North, crossing canal, for 100 feet. The mark is on the left.			
Notable Land marks: PZ 203 B, is a poured in place concrete monument with an aluminum disk, set 0.5 ft. below natural ground and is 15 ft. South of the SE corner of a concrete pad. 109 ft. NW of the East end of a 36" corrugated metal pipe. 101 ft. North of the centerline of a dirt road.			
FIELD BOOK: 510		PAGE: 7	



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C43203 Field Notes (1 of 1)

WTA	+	H.I.	-	Elev	Remarks
18					3/4/19
HCL ADA 1 R 1 S					
HCL 27/28 TWP 43 Rge 28					
Ebanks Schauer					
Establish REF Elev. FOR Piezo meter					
WELL C43P2203A & B @ C-43 Reservoir					
C43P2203A	4.50	25.20 ✓		20.70	END
STG 1 = G1 (SHALLOW)			1.18	24.02 ✓	
STG 2 (DEEP) = G2			1.18	24.02 ✓	
SE CORNER CONC PAD			4.56	20.64	
SW CORNER CONC PAD			4.55	20.65	
NW CORNER CONC PAD			4.53	20.67	
NE COR			4.52	20.68	
GROUND SHOT EAST			5.10	20.10	
GROUND NORTH			5.10	20.10	
GROUND WEST			5.00	20.20	
GROUND SOUTH			5.00	20.20	
BM 203B			5.43	19.77	
BM 203B	5.28	25.05 ✓			
STG 2 = G2			1.03	24.02	
STG 1 = G1			1.03	24.02	
BM 203A			4.35	20.70 ✓	

OK
FBI