



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

SCADA RTU Station Name: <b>C43201A</b> <b>C43201B</b>	DB Hydro Station Name: <b>C43201G1</b> <b>C43201G2</b>	DB Hydro Site Name: <b>C43201</b>	Agency: <b>S.F.W.M.D</b>	Date of Field Work: <b>3/04/2019</b>
Party Chief: <b>EBANKS</b>	Field Book: <b>SCADA FB#13</b>	Page(s): <b>19</b>		Prepared by: <b>A.Schauer</b>

## SITE SPECIFIC DATA

Site Benchmark(s): <b>PZ201A 2018</b> <b>PZ201B 2018</b>	Benchmark Elevation(s) (NAVD88) <b>18.21 feet</b> <b>17.64 feet</b>	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) <b>+1.26 feet</b>
Reference Elevation(s) (NAVD88): <b>C43201A = 21.56 feet</b> <b>C43201B = 21.55 feet</b>		Calibration Port Elevation(s) (NAVD88): <b>N/A</b>
Ground Elevation (NAVD88): <b>17.9 feet</b>		Pad Elevation (NAVD88): <b>18.18 feet</b>

## GEOGRAPHIC DATA

Section <b>29</b>		Township <b>43 South</b>	Range <b>28 East</b>
Well(s)	Gate(s)	Latitude: <b>C43201A 26°42'07.2"</b> <b>C43201B 26°42'07.1"</b>	Longitude: <b>C43201A -81°33'00.3"</b> <b>C43201B -81°33'00.2"</b>
Benchmark(s)		State Plane Coordinates	Source: Scaled pick point aerial esri product
		Northing (Y) = <b>N/A</b>	Easting (X) = <b>N/A</b>

**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)

**C43201A**  
Latitude: 26°42'07.2"  
Longitude: -81°33'00.3"

Benchmark "PZ201A 2018"  
Latitude: 26°42'07.2"  
Longitude: -81°33'00.2"  
El. 18.21 feet NAVD88

**C43201B**  
Latitude: 26°42'07.1"  
Longitude: -81°33'00.2"

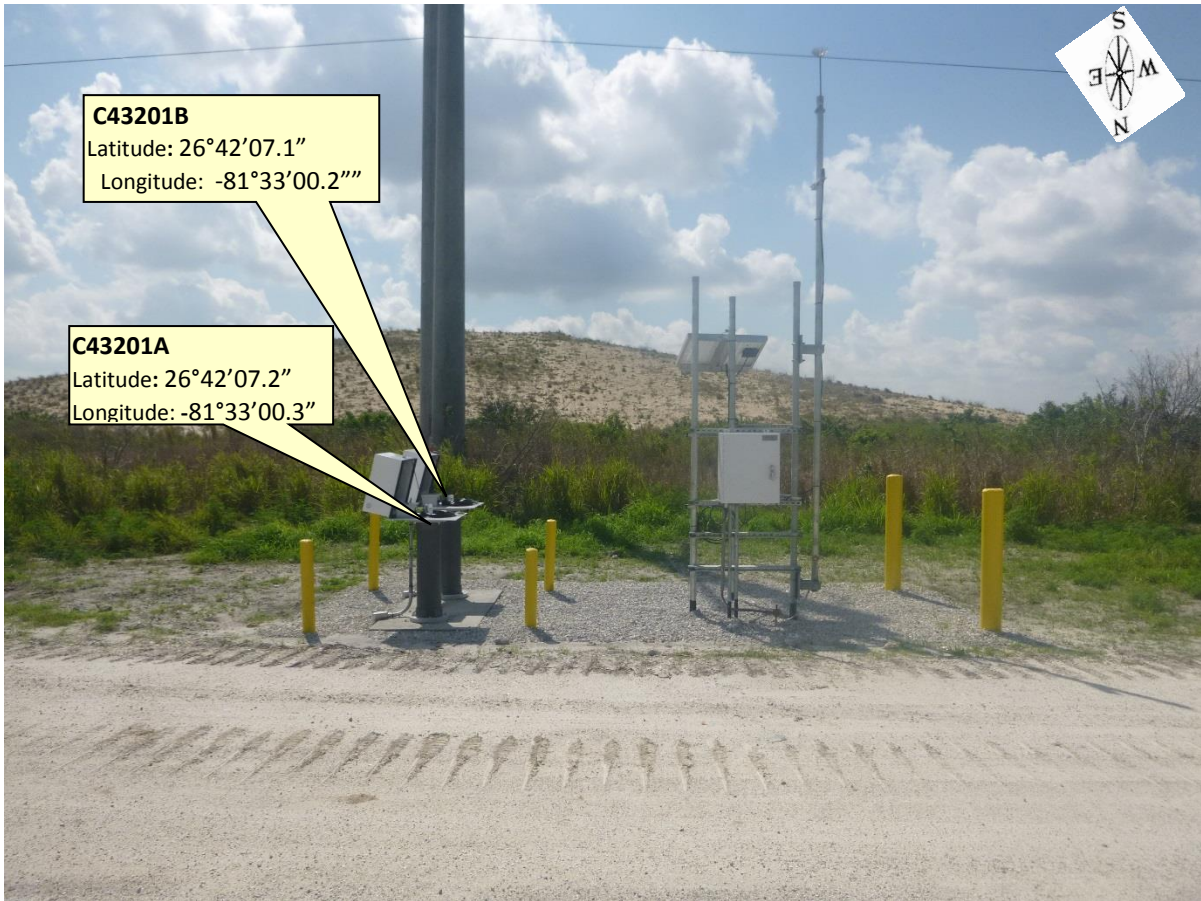
Benchmark "PZ201B 2018"  
Latitude: 26°42'06.9"  
Longitude: -81°33'00.1"  
El. 17.64 feet NAVD88



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## C43201 Piezometer Well Site



**C43201B**  
Latitude: 26°42'07.1"  
Longitude: -81°33'00.2"

**C43201A**  
Latitude: 26°42'07.2"  
Longitude: -81°33'00.3"



**C43201A**  
Latitude: 26°42'07.2"  
Longitude: -81°33'00.3"

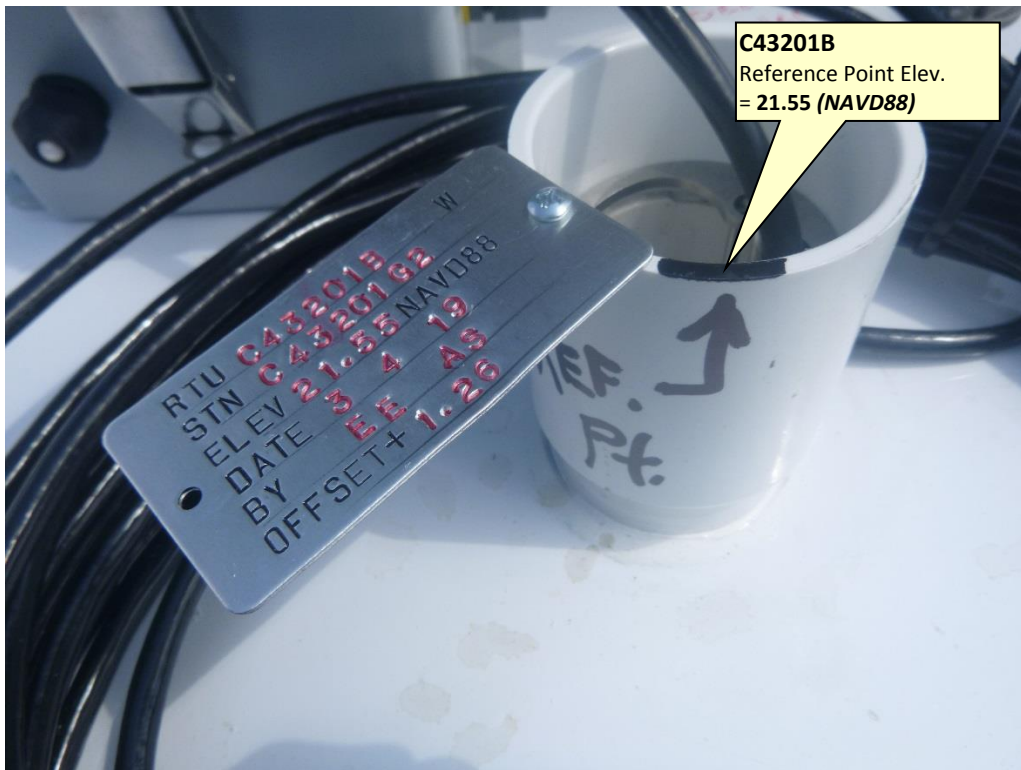
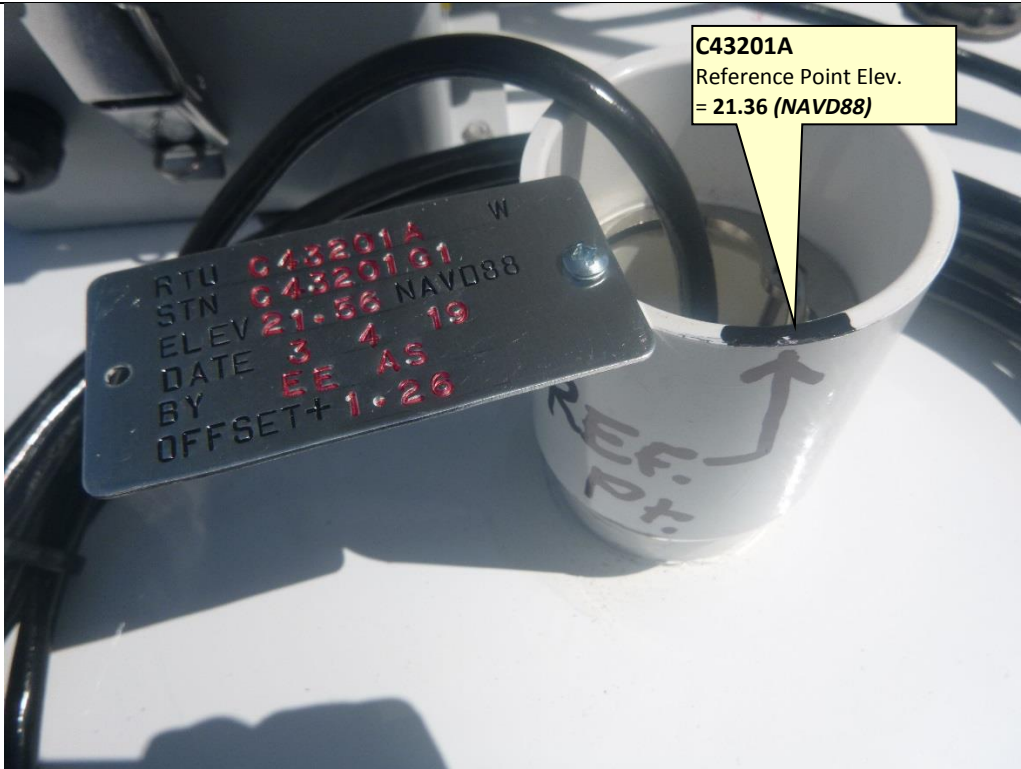
**C43201B**  
Latitude: 26°42'07.1"  
Longitude: -81°33'00.2"



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## C43201 Piezometer Wells





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**"C43201A 2018" Benchmark Location**  
Benchmark: El. 18.21 feet (NAVD88)



Benchmark "PZ201A 2018"  
Latitude: 26°42'07.2"  
Longitude: -81°33'00.2"  
El. 18.21 feet NAVD88

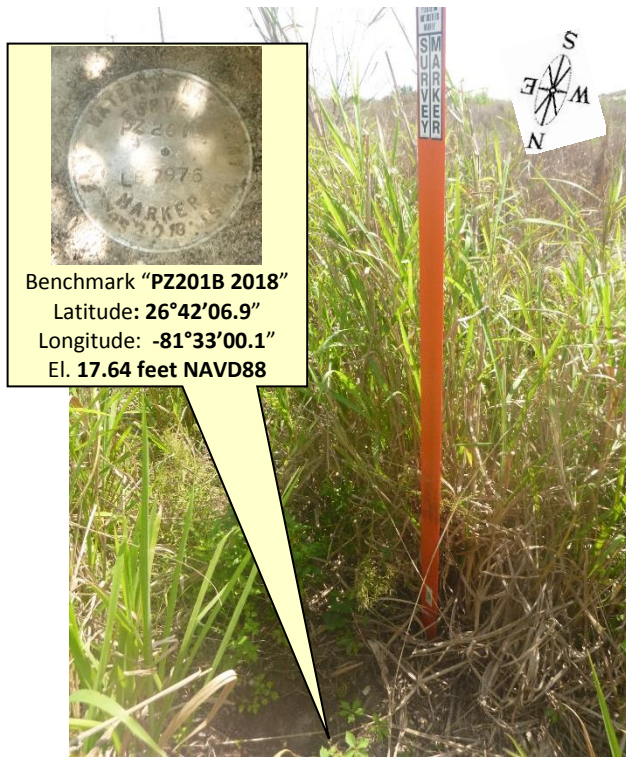




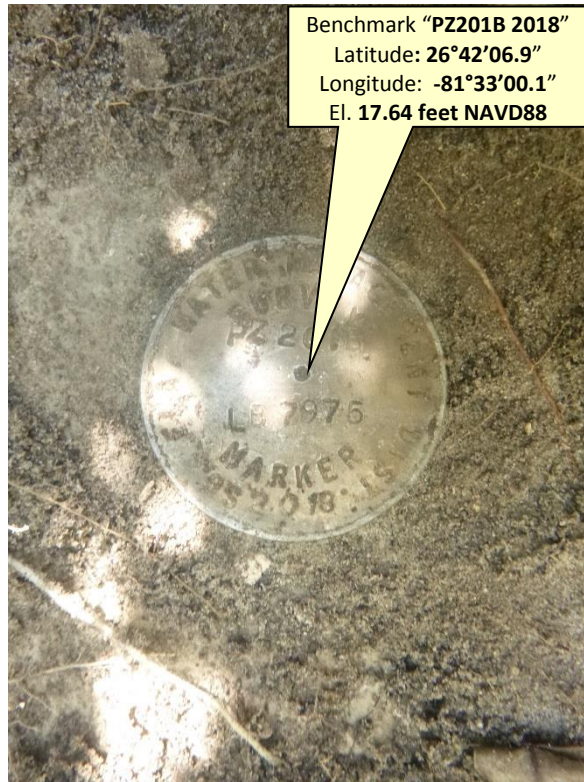
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## "C43201B 2018" Benchmark Location Benchmark: El. 17.64 feet (NAVD88)



Benchmark "PZ201B 2018"  
Latitude: 26°42'06.9"  
Longitude: -81°33'00.1"  
El. 17.64 feet NAVD88



Benchmark "PZ201B 2018"  
Latitude: 26°42'06.9"  
Longitude: -81°33'00.1"  
El. 17.64 feet NAVD88



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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## "PZ201A 2018" Benchmark Datasheet (1 of 1)



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 8/07

DESIGNATION: PZ 201 A		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: FEBRUARY 21, 2018	
<b>GEOGRAPHIC POSITION</b>			
SECTION: 32	TOWNSHIP: 43 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 = 476590.6	Y = 861225.2	NAVD 88 ELEV. 18.21' NGVD 29 ELEV. 19.46'
LATITUDE = N26° 42' 07.09"		LONGITUDE = W81° 33' 00.15"	
<b>RECOVERY DESCRIPTION</b>			
Stamping: SET ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. "PZ 201A 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, along the dirt road, for 2.5 miles. The mark is on the left.			
Notable Land marks: PZ 201 A, is an aluminum disk in a concrete pad stamped "SFWMD PZ 201A LB 7975 2018" and is 10.5 ft. South of the edge of a dirt road. 4.5 ft. SW of the NE bollard around wells. 4.5 ft. NW of the SE bollard around wells.			
FIELD BOOK: 510		PAGE: 20	



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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## "PZ201B 2018" Benchmark Datasheet (1 of 1)



### SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 8/07

DESIGNATION: PZ 201 B		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: FEBRUARY 21, 2018	
<b>GEOGRAPHIC POSITION</b>			
SECTION: 32	TOWNSHIP: 43 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 = 476596.0	Y = 861200.1	NAVD 88 ELEV. 17.63' NGVD 29 ELEV. 18.88'
LATITUDE = 26° 42' 06.84"		LONGITUDE = 81° 33' 00.09"	
<b>RECOVERY DESCRIPTION</b>			
Stamping: POURED IN PLACE CONCRETE MONUMENT WITH ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. "PZ 201B 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, along the dirt road, for 2.5 miles. The mark is on the left.			
Notable Land marks: PZ 201 B, is a poured in place concrete monument with an aluminum disk stamped "SFWMD PZ 201B LB 7975 2018" and is 11.0 ft. North of a metal power pole with overhead power lines running East-West. 25.0 ft. South of the SE bollard around wells. 25.0 ft. South of the SW bollard around wells.			
FIELD BOOK: 510	PAGE: 20		



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C43201 Field Notes (1 of 1)

STATION	+ (ft)	TIT (ft)	- (ft)	ELEV (ft)	REMARKS
19					
ESTABLISH PZ201					SCADA FB#13 31419 SEC 29 TWP 43 RGE 28 REF ELEV. FOR PIEZO METER ① C-43 RESERVOIR
STA					BRANES SCHAUER
BM PZ201A	5.21	23.42 ✓		18.21 ✓	RETAIN
STG 1 = SHALLOW			1.86	21.56 ✓	(NAUSETT) NEW
STG 2 = DEEP			1.87	21.55 ✓	
SW COR PAD			5.23	18.19	
SE COR PAD			5.24	18.18	
NE COR PAD			5.25	18.17	
NW COR PAD			5.23	18.19	
SOUTH GROUND			5.80	17.62 -	
EAST GROUND			5.20	18.22	17.9 [?]
WEST GROUND			5.50	17.92	
♀ SHELL ROCK RD			4.00	18.82	
BM PZ201B			5.78	17.64	
BM PZ201B	5.88	23.52 ✓	<span style="border: 1px solid black; padding: 2px;">RT</span>		
STG 2			1.96	21.56	
STG 1			1.95	21.57	
BM PZ201A			5.31	18.21 ✓	OK 1/21 ✓