



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

SCADA RTU Station Name: <b>C43205A</b> <b>C43205B</b>	DB Hydro Station Name: <b>C43205G1</b> <b>C43205G2</b>	DB Hydro Site Name: <b>C43205</b>	Agency: <b>S.F.W.M.D</b>	Date of Field Work: <b>5/07/2019</b>
Party Chief: <b>EBANKS</b>	Field Book: <b>SCADA FB# 13</b>	Page(s): <b>29</b>	Prepared by: <b>E. Ebanks</b>	

### SITE SPECIFIC DATA


Site Benchmark(s): <b>PZ205A</b> <b>PZ205B</b>	Benchmark Elevation(s) (NAVD88) <b>22.52feet</b> <b>21.47feet</b>	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) <b>+1.28 feet</b>
Reference Elevation(s) (NAVD88): <b>C43205A = 25.75 feet</b> <b>C43205B = 25.75 feet</b>	Calibration Port Elevation(s) (NAVD88): <b>N/A</b>	
Ground Elevation (NAVD88): <b>21.9 feet</b>	Pad Elevation (NAVD88): <b>22.47 feet</b>	

### GEOGRAPHIC DATA

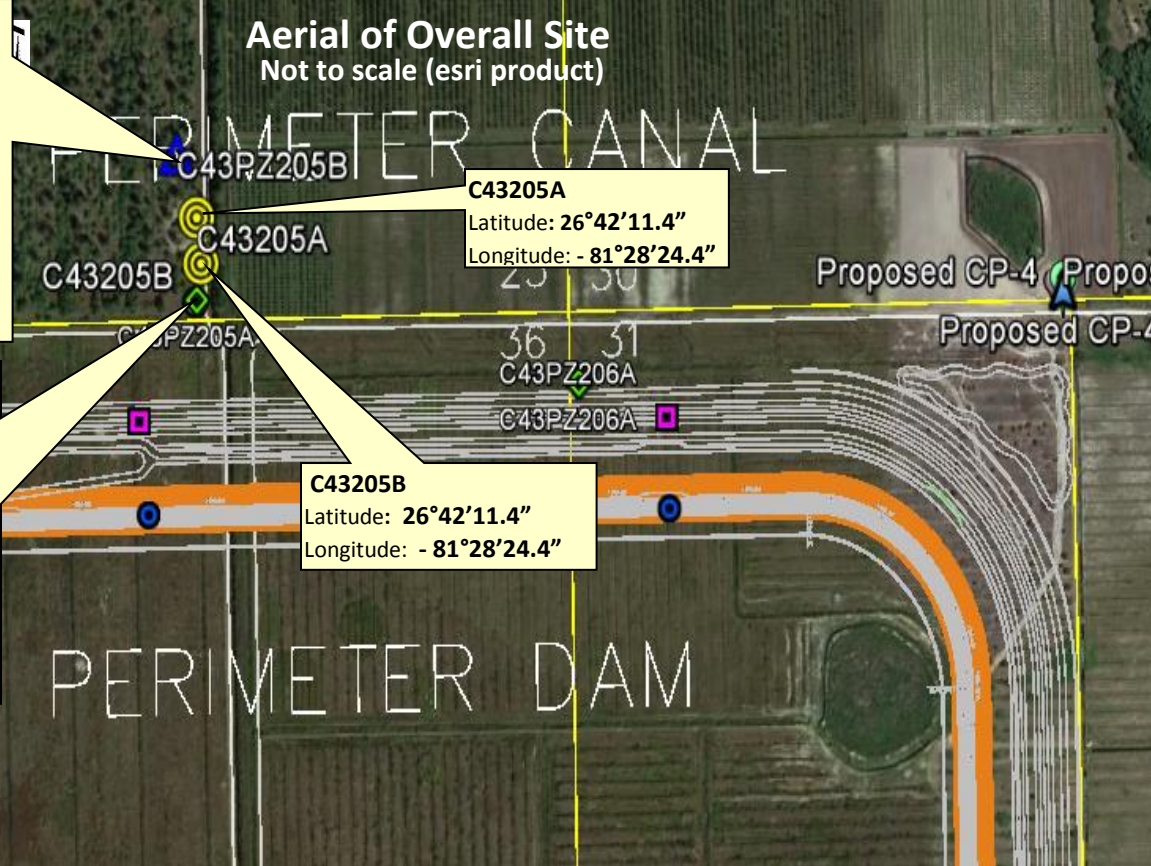
Section <b>25</b>	Township <b>43 South</b>	Range <b>28 East</b>
Well(s) Gate(s)  Benchmark(s)	Latitude: <b>C43205A 26°42'11.4"</b> <b>C43205B 26°42'11.4"</b>  State Plane Coordinates	Longitude: <b>C43205A - 81°28'24.4"</b> <b>C43205B - 81°28'24.4"</b>  Northing (Y) = <b>N/A</b>
		Source: <b>Scaled pick point aerial esri product</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




Benchmark "PZ205B"  
Latitude: 26°42'11.7"  
Longitude: - 81°28'24.3"  
El. 21.47 feet NAVD88



**Aerial of Overall Site**  
Not to scale (esri product)

**PERIMETER CANAL**

**PERIMETER DAM**



Benchmark "PZ205A"  
Latitude: 26°42'11.4"  
Longitude: - 81°28'24.5"  
El. 22.52 feet NAVD88

**C43205A**  
Latitude: 26°42'11.4"  
Longitude: - 81°28'24.4"

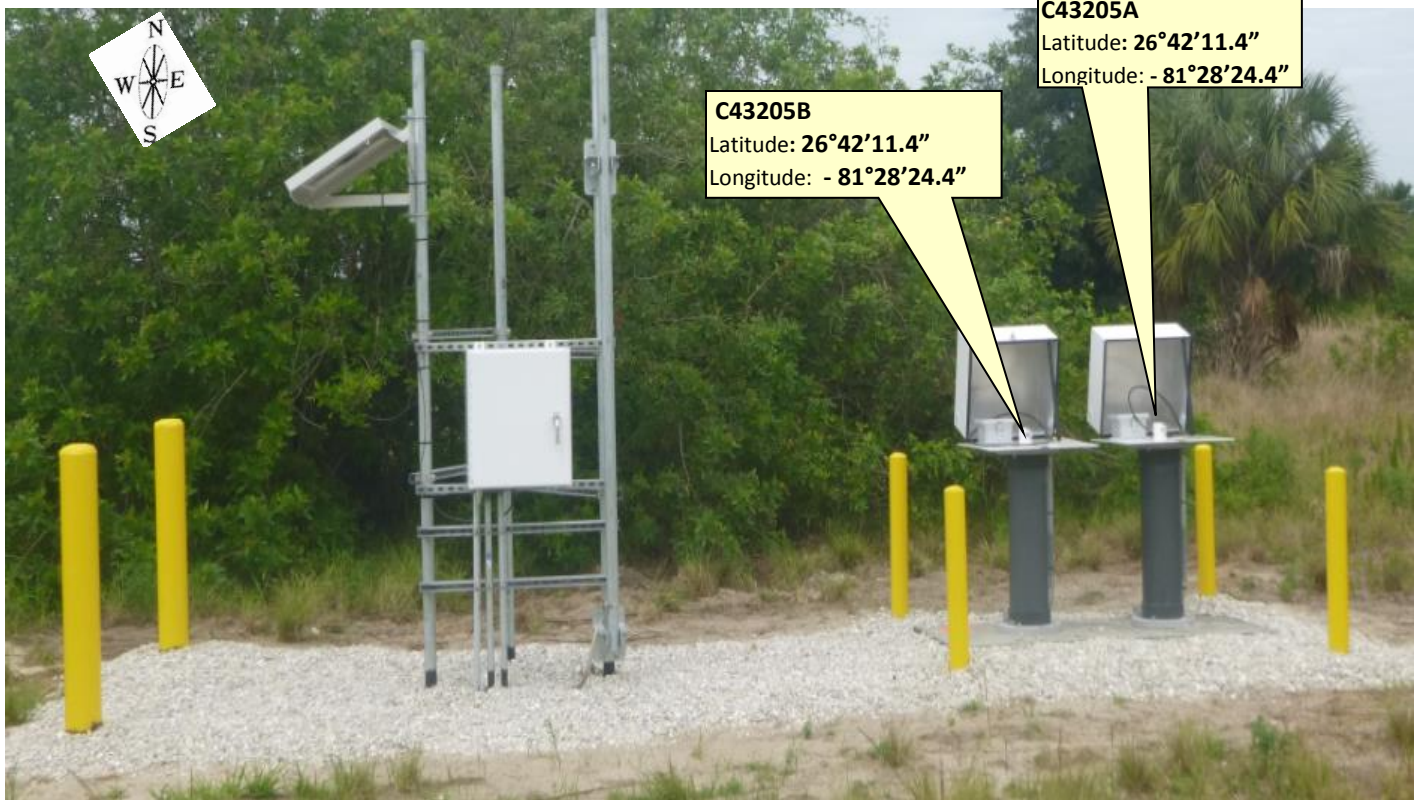
**C43205B**  
Latitude: 26°42'11.4"  
Longitude: - 81°28'24.4"



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

## C43205 Piezometer Well Site

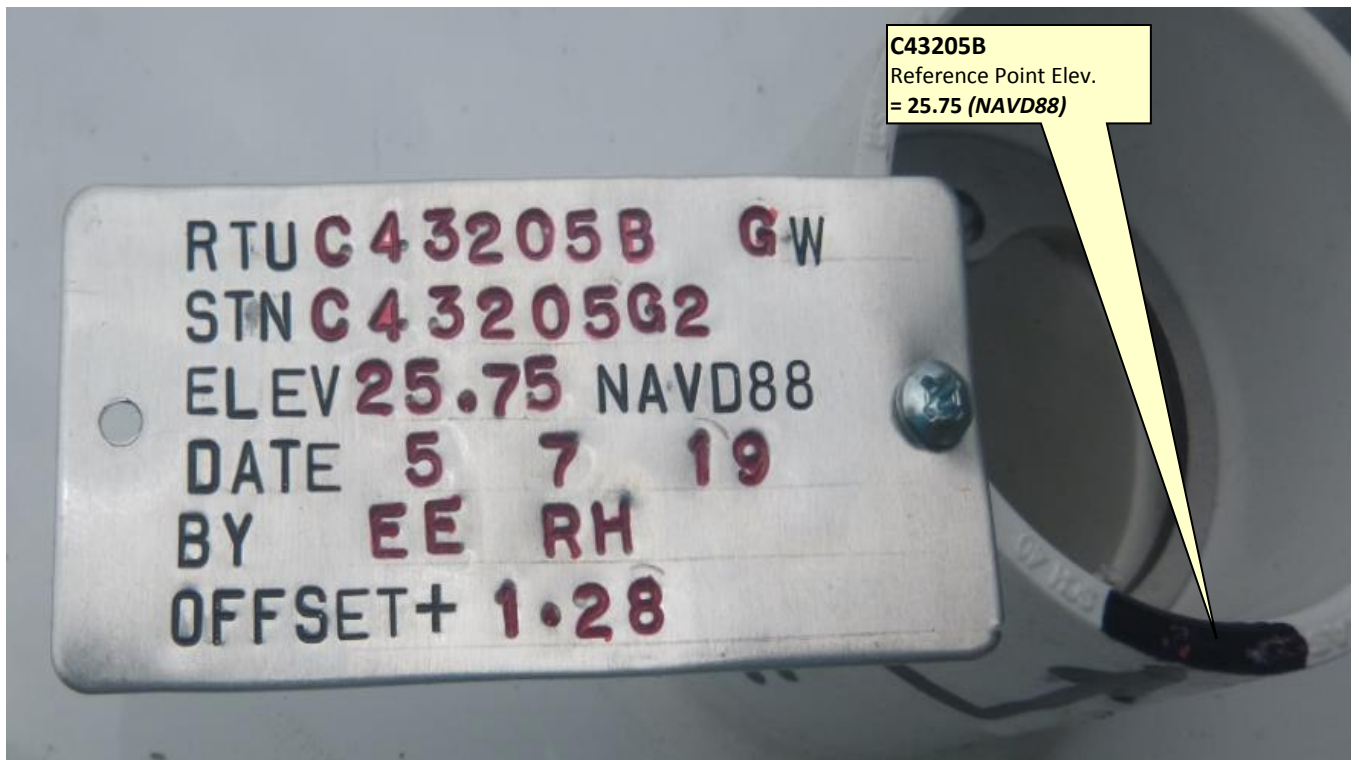
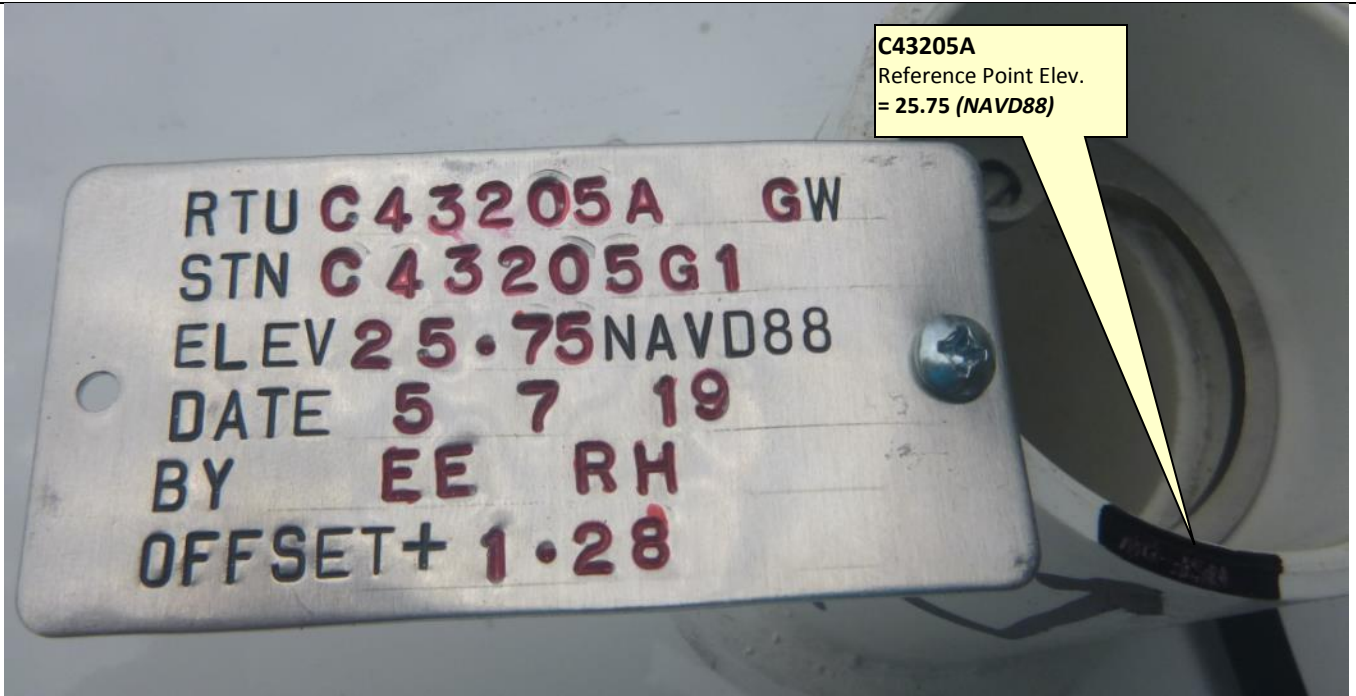




# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

## C43205 Piezometer Wells





# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

**"PZ205A" Benchmark Location**  
Benchmark: El. 22.52 feet (NAVD88)



Benchmark "PZ205A"  
Latitude: 26°42'11.4"  
Longitude: - 81°28'24.5"  
El. 22.52 feet NAVD88

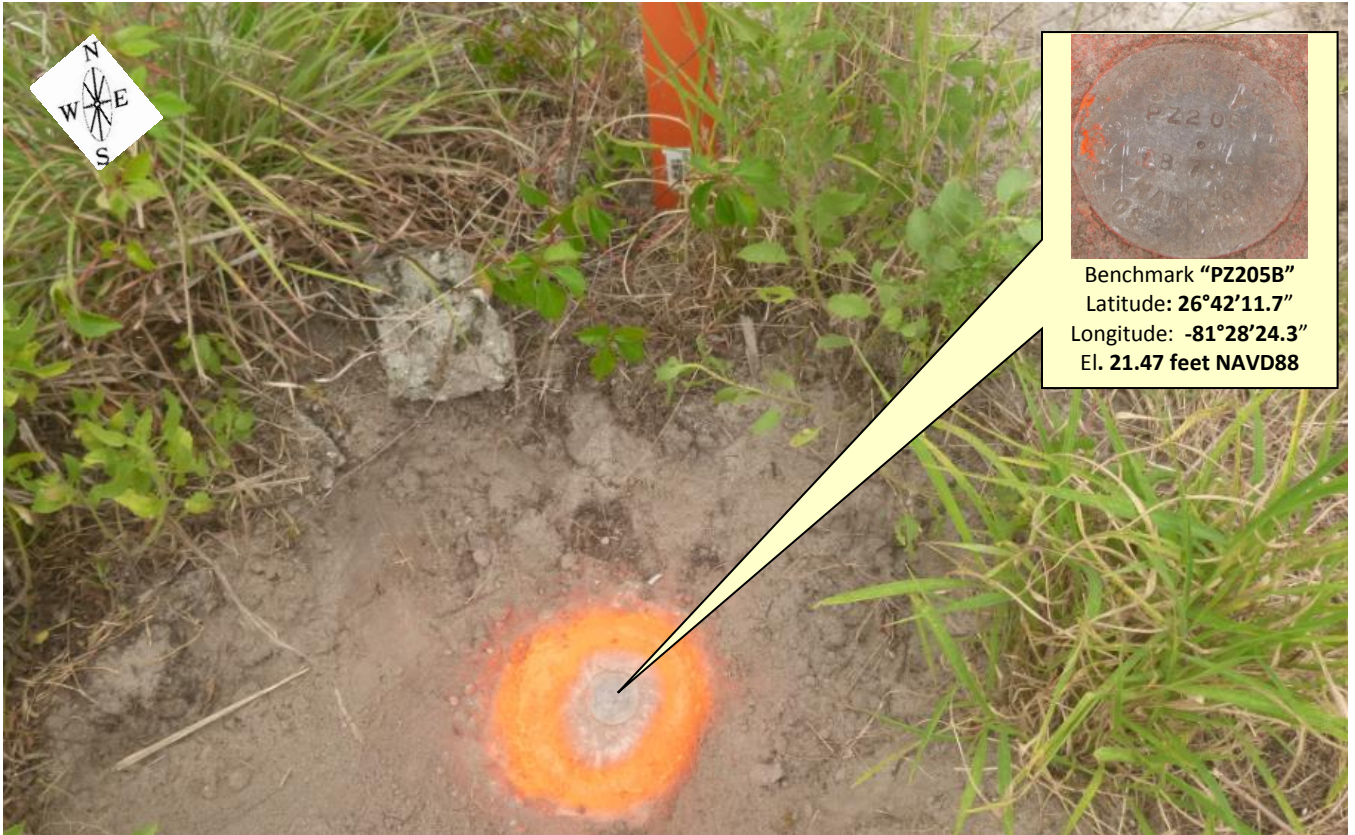




# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

## "PZ205B" Benchmark Location Benchmark: El. 21.47 feet (NAVD88)



Benchmark "PZ205B"  
Latitude: 26°42'11.7"  
Longitude: -81°28'24.3"  
El. 21.47 feet NAVD88



Benchmark "PZ205B"  
Latitude: 26°42'11.7"  
Longitude: -81°28'24.3"  
El. 21.47 feet NAVD88



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

## "PZ205A" Benchmark Datasheet (1 of 1)



## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 8/07

DESIGNATION: PZ 205A		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: JANUARY 25, 2018	
<b>GEOGRAPHIC POSITION</b>			
SECTION: 25	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 = 501600.1	Y = 861554.4	NAVD 88 ELEV. 22.52' NGVD 29 ELEV. 23.79'
LATITUDE = N26° 42' 11.35"		LONGITUDE = W81° 28' 24.40"	
<b>RECOVERY DESCRIPTION</b>			
Stamping: SET ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. "PZ 205A 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 East along the dirt road 1.2 miles to a bridge. Thence continue East 200 ft. to the junction of a North-South dirt road. Thence continue East on the South side of a canal for 1 mile to the junction of a North-South dirt road. Thence North for 75 ft. The mark is on the left.			
Notable Land marks: PZ 205A, is an aluminum disk in the southwest corner of a concrete pad. 53 ft. North of the Top of Bank of an East-West canal. 57 ft. southwest of a wood power pole with overhead power lines running East-West. 78' northwest of the South end of a 36" corrugated metal pipe.			
FIELD BOOK: 510		PAGE: 11	



# SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

"PZ205B" Benchmark Datasheet (1 of 1)



## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 8/07

DESIGNATION: PZ 205B		PROJECT: C-43 VERTICAL CONTROL SURVEY FOR PIEZOMETER WELLS	
ESTABLISHED BY: J. HAYWOOD		SURVEYOR: SCOTT URQUHART	
RECOVERED BY		DATE: JANUARY 25, 2018	
<b>GEOGRAPHIC POSITION</b>			
SECTION: 25	TOWNSHIP: 43 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 = 501612.7	Y = 861590.2	NAVD 88 ELEV. 21.47' NGVD 29 ELEV. 22.75'
LATITUDE = N26° 42' 11.70"		LONGITUDE = W81° 28' 24.26"	
<b>RECOVERY DESCRIPTION</b>			
Stamping: POURED IN PLACE CONCRETE MONUMENT WITH ALUMINIUM DISK SO. FLA. WATER MANAGEMENT DIST. "PZ 205B 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 East along the dirt road 1.2 miles to a bridge. Thence continue East 200 ft. to the junction of a North-South dirt road. Thence continue East on the South side of a canal for 1 mile to the junction of a North-South dirt road. Thence North for 75 ft. The mark is on the left.			
Notable Land marks: PZ 205B, is a poured in place concrete monument with an aluminum disk that is 42 ft. West of a wood power pole with overhead power lines running East-West. 32 ft. NE of the NE corner of a concrete pad. 87 ft. North of the Top of Bank of an East-West canal.			
FIELD BOOK: 510		PAGE: 11	

