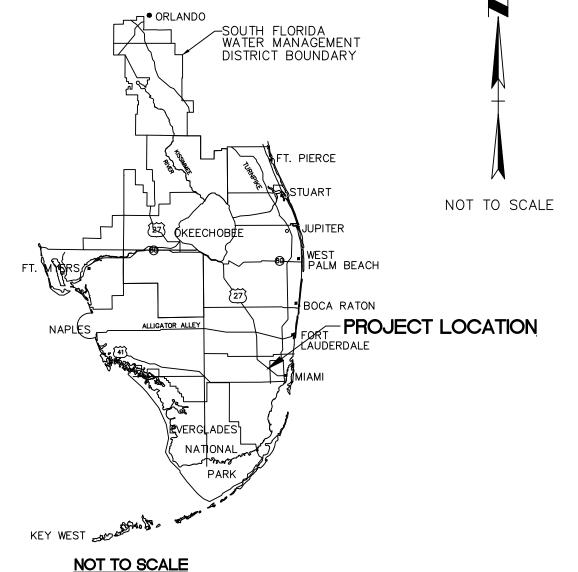
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

ENGINEERING AND PROJECT IMPLEMENTATION SPECIFIC PURPOSE SURVEY CANAL C-2 STUDY WELLS

MIAMI-DADE COUNTY, FLORIDA



SURVEYOR'S NOTES

- OF S.W. 56TH STREET (MILLER ROAD) AND S.W. 117TH AVE. STATION IS 95 FEET NORTH OF THE CENTERLINE PROJECTED FROM THE EAST OF S.W. 56TH STREET, 142 FEET WEST

- 4. THE SECTION CORNERS AND LINES SHOWN HEREON ARE APPROXIMATE, THEY WERE TAKEN FROM THE S.F.W.M.D. GEOGRAPHIC INFORMATION SYSTEM (GIS) SECTIONAL COVERAGE OF DADE COUNTY WHICH WERE DIGITIZED FROM THE UNITED STATES GEOLOGICAL SURVEY QUADRANGLE MAPS AND IS NOT PART OF THIS SURVEY
- 5. NO RIGHT OF WAY OR BOUNDARY SURVEY WAS PERFORMED AS A PART OF THIS SURVEY.
- 6. CROSS SECTIONS SHOWN HEREON WERE TAKEN PERPENDICULAR, AT 90° TO THE EXISTING CANAL UNLESS OTHERWISE STATED.
- 7. THERE WAS NO CLOSED TRAVERSE ESTABLISHED AS A PART OF THIS SURVEY.
- 8. THE GROUND ELEVATIONS AND LOCATIONS FOR THIS SURVEY WERE ESTABLISHED BY TRIGONOMETRIC MEANS, USINGTHE TOPCON GTS-710 TOTAL STATION AND MC5 DATA COLLECTOR WITH C & G FIELD AND OFFICE SOFTWARE.
- 9. THE BENCHMARKS SHOWN HEREON WERE ESTABLISHED USING CONVENTIONAL THIRD ORDER SURVEYING PROCEDURES, AND ARE BASED ON A CLOSED LEVEL LOOP. 10. ALL COORDINATES SHOWN HEREON ARE APPROXIMATE AND WERE ESTABLISHED USING THE TRIMPLE PRO-XL REAL TIME GPS UNIT.
- 11. UNLESS IT BEARS THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, SKETCH, PLAT, OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

LEGEND

DIA. = DIAMETER

BM = BENCHMARK

CMP = CORRUGATED METAL PIPE

ELEV. = ELEVATION

FCE = FLOOD CONTROL EVERGLADES

GPS = GLOBAL POSITIONING SYSTEM

INV. = INVERT

NGS = NATIONAL GEODETIC SURVEY

NGVD = NATIONAL GEODETIC VERTICAL DATUM

P.O.L. = POINT ON LINE

R/W = RIGHT OF WAY

SFWMD = SOUTH FLORIDA WATER MANAGEMENT DISTRICT

USGS = UNITED STATES GEOLOGICAL SURVEY

→ = BENCHMARK

 $\times 20.3 = SPOT ELEVATION$

= APPROXIMATE SECTION CORNER LOCATION

= APPROXIMATE CANAL RIGHT OF WAY

PROFESSIONAL LAND SURVEYOR FLORIDA CERTIFICATION NUMBER 5173

CERTIFICATION

I HEREBY CERTIFY THAT THIS SPECIFIC PURPOSE SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE APPLICABLE MINIMUM TECHNICAL STANDARDS FOR SURVEYS AS SET FORTH BY THE FLORIDA BOARD OF LAND SURVEYORS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATE STATUES

THIS CERTIFICATION IS MADE TO THE SOUTH FLORIDA WATER

DEPARTMENT, SOUTH FLORIDA WATER MANAGEMENT DISTRICT.

MANAGEMENT DISTRICT FOR THE SPECIFIC PURPOSE OF GATHERING

KRUPA, SENIOR HYDRO GEOLOGIST WATER RESOURCE EVALUATION

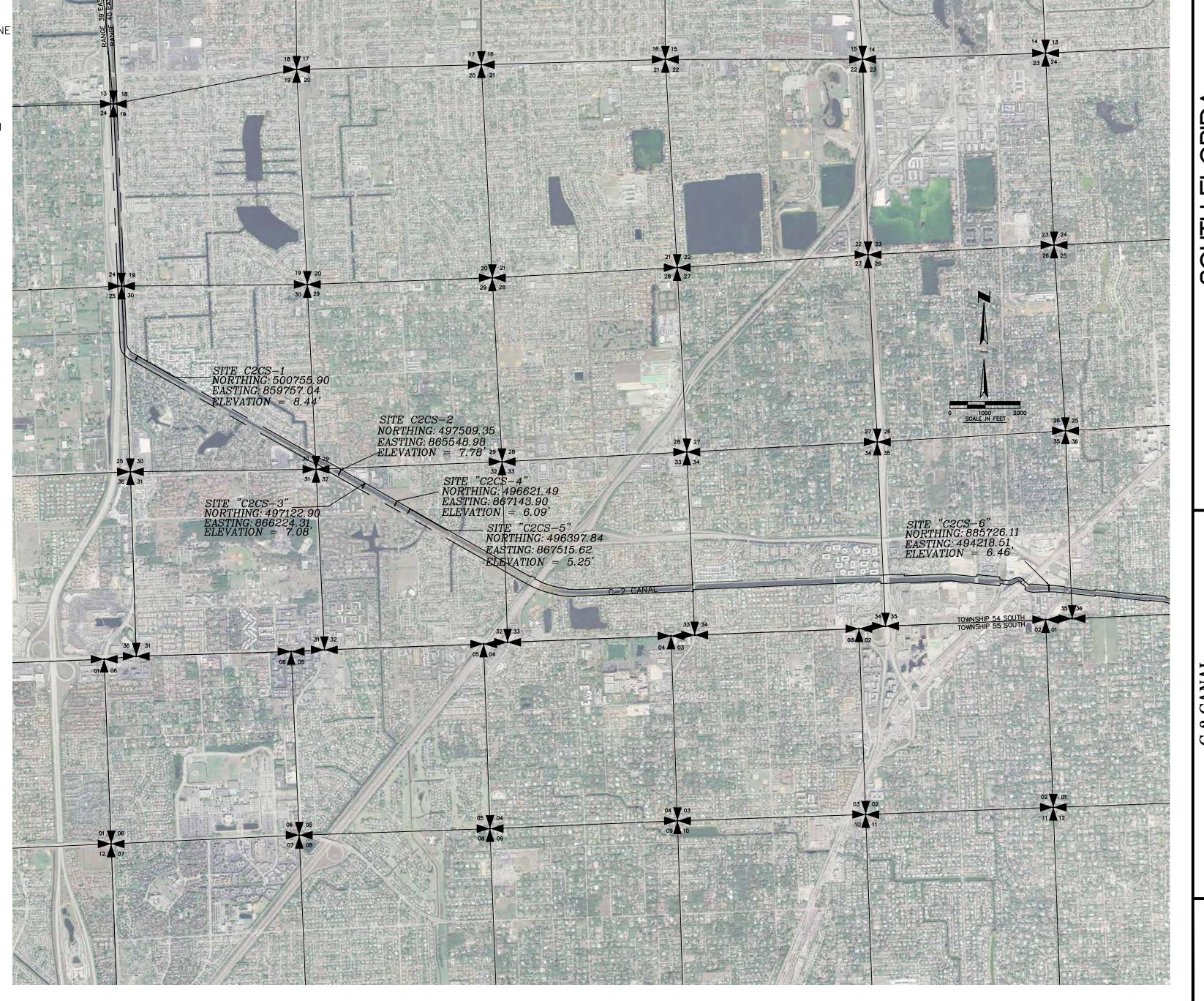
NO RESPONSIBILITY OR LIABILITY IS ASSUMED BY THE UNDERSIGNED

OTHER THAN STATED ABOVE OR FOR ANY USE BY ANY PERSON OR ENTITY OTHER THAN THE SOUTH FLORIDA MANAGEMENT DISTRICT.

SURVEYOR AND MAPPER FOR USE OF THIS SURVEY FOR ANY PURPOSE

CROSS SECTIONAL INFORMATION AT SIX SITES AS REQUESTED BY STEVE

RICHARD E. BARNES Jr.



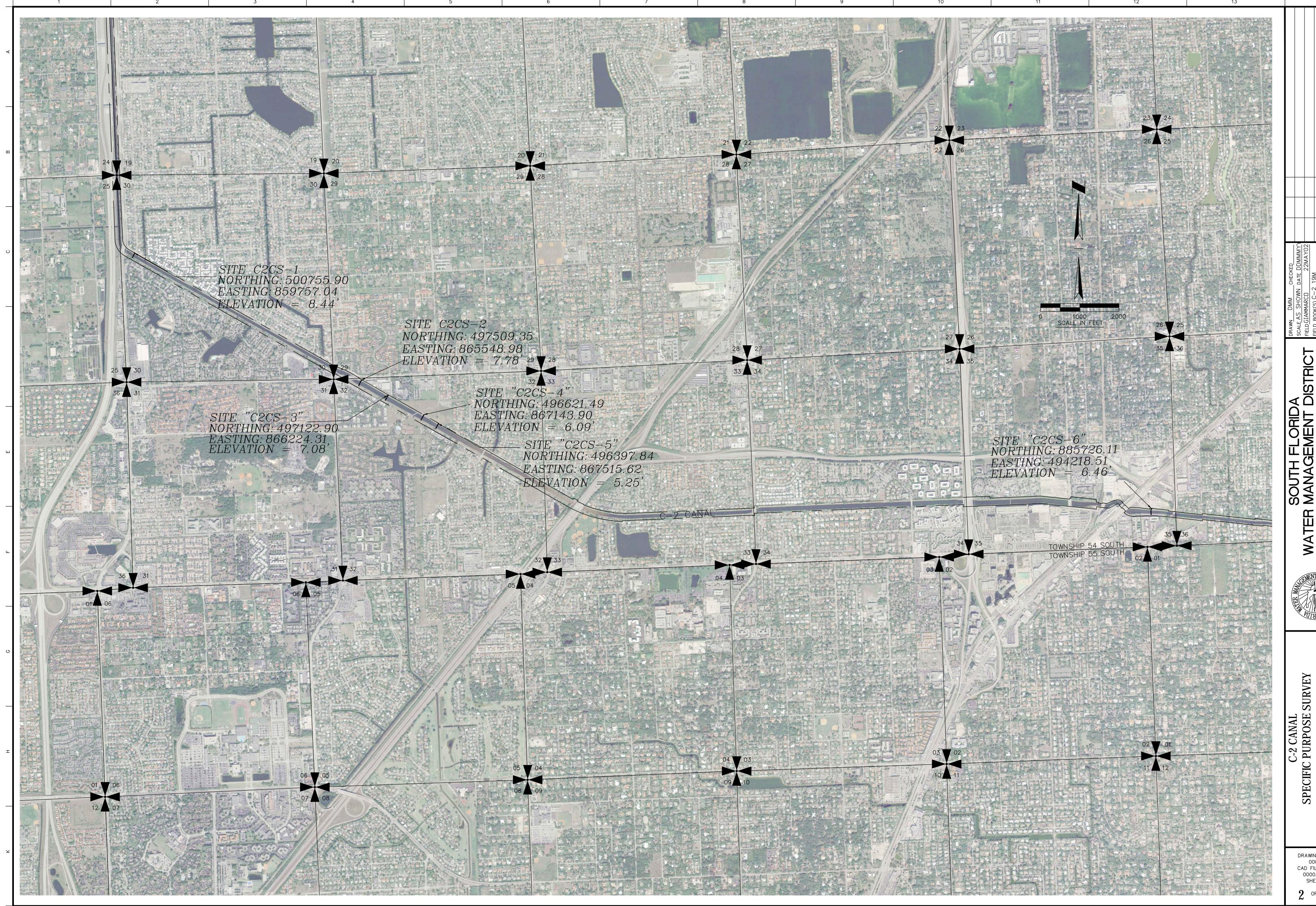


SPECIFIC P
STUDY WELLS A

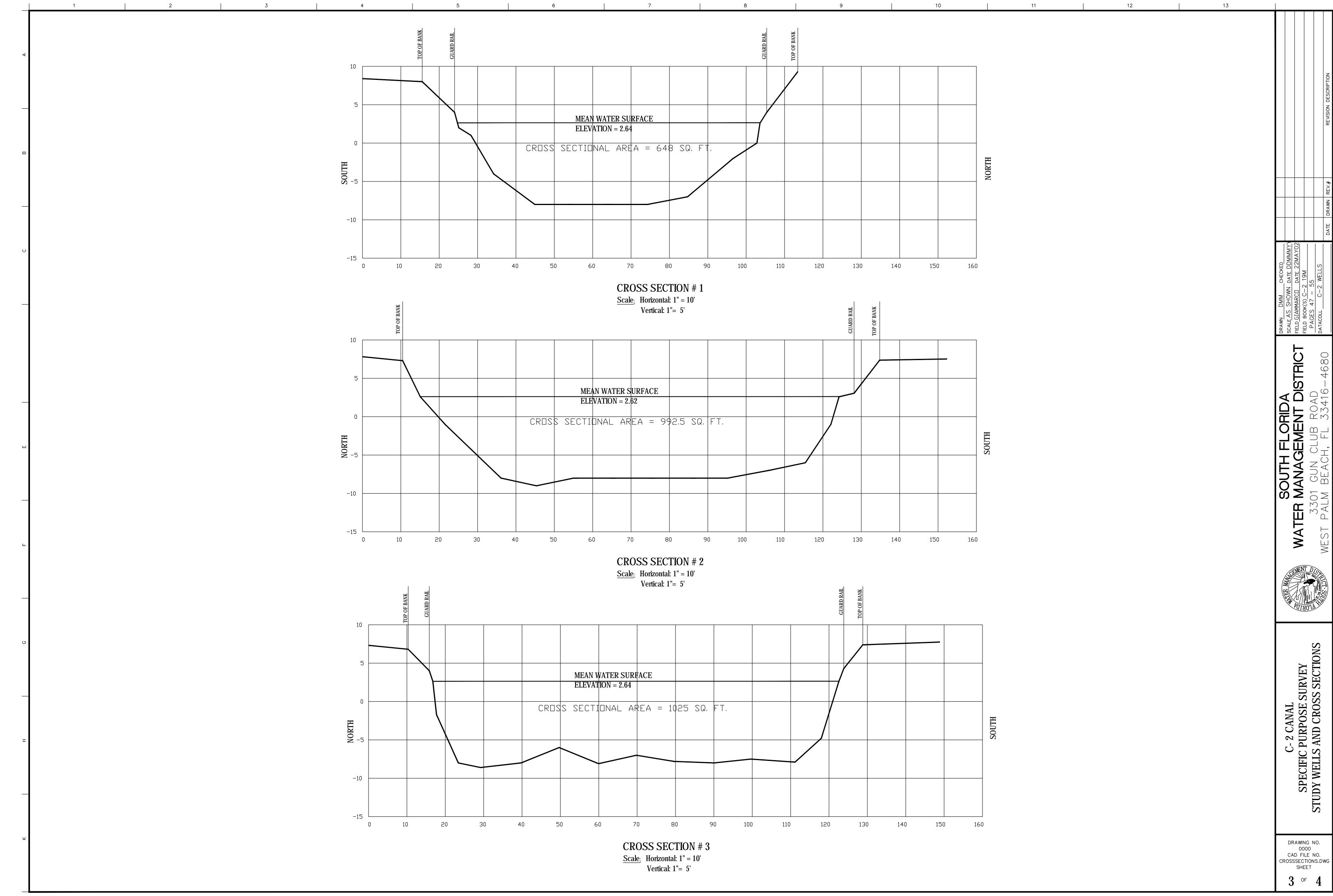
DRAWING NO. CAD FILE NO. 0000.dwg 1 OF 4

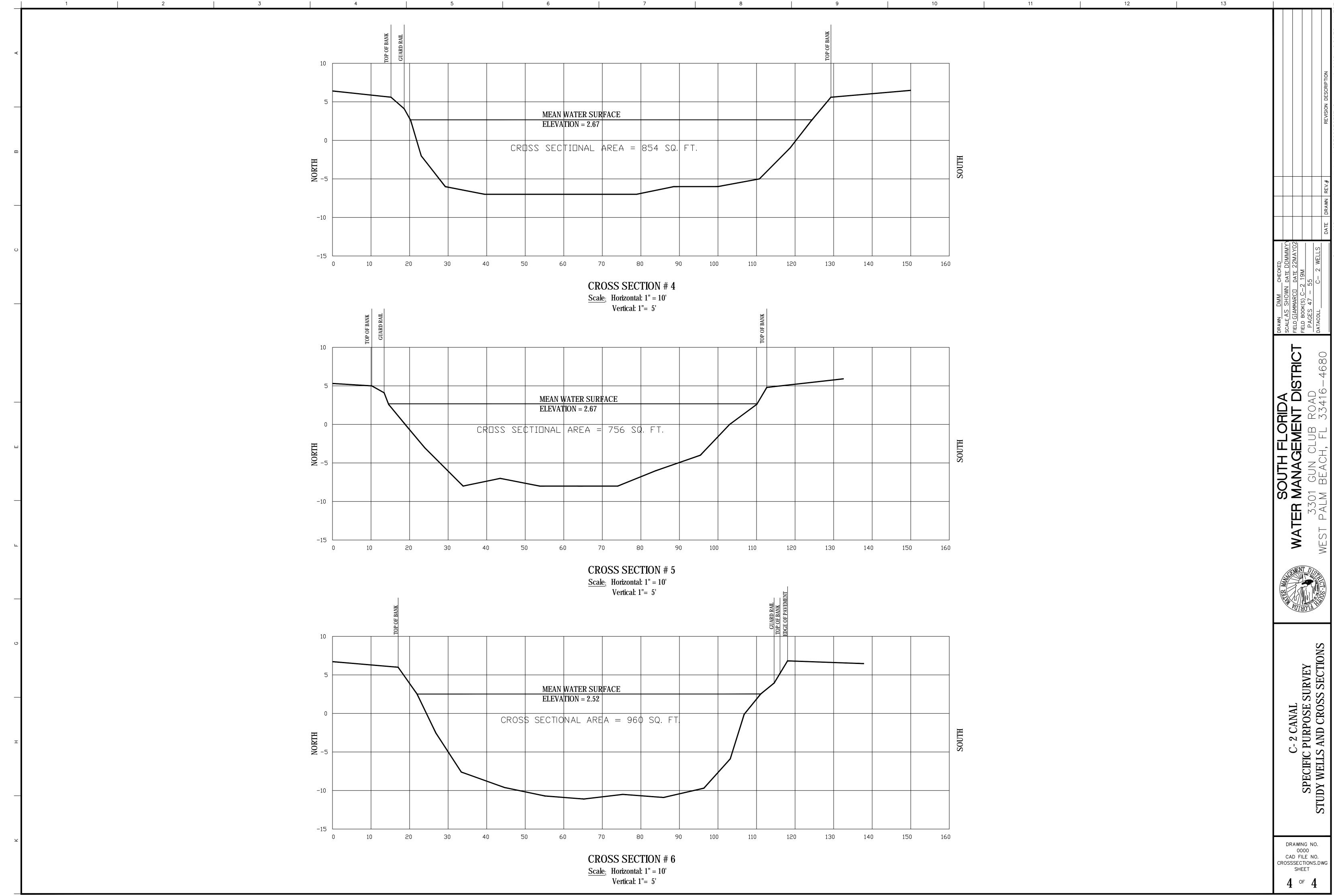
INDEX OF SHEETS

- 1. COVER SHEET AND LOCATION MAP
- 2. CROSS SECTIONS 1-3
- 3. CROSS SECTIONS 4-6



DRAWING NO. 0000 CAD FILE NO. 0000.dwg SHEET



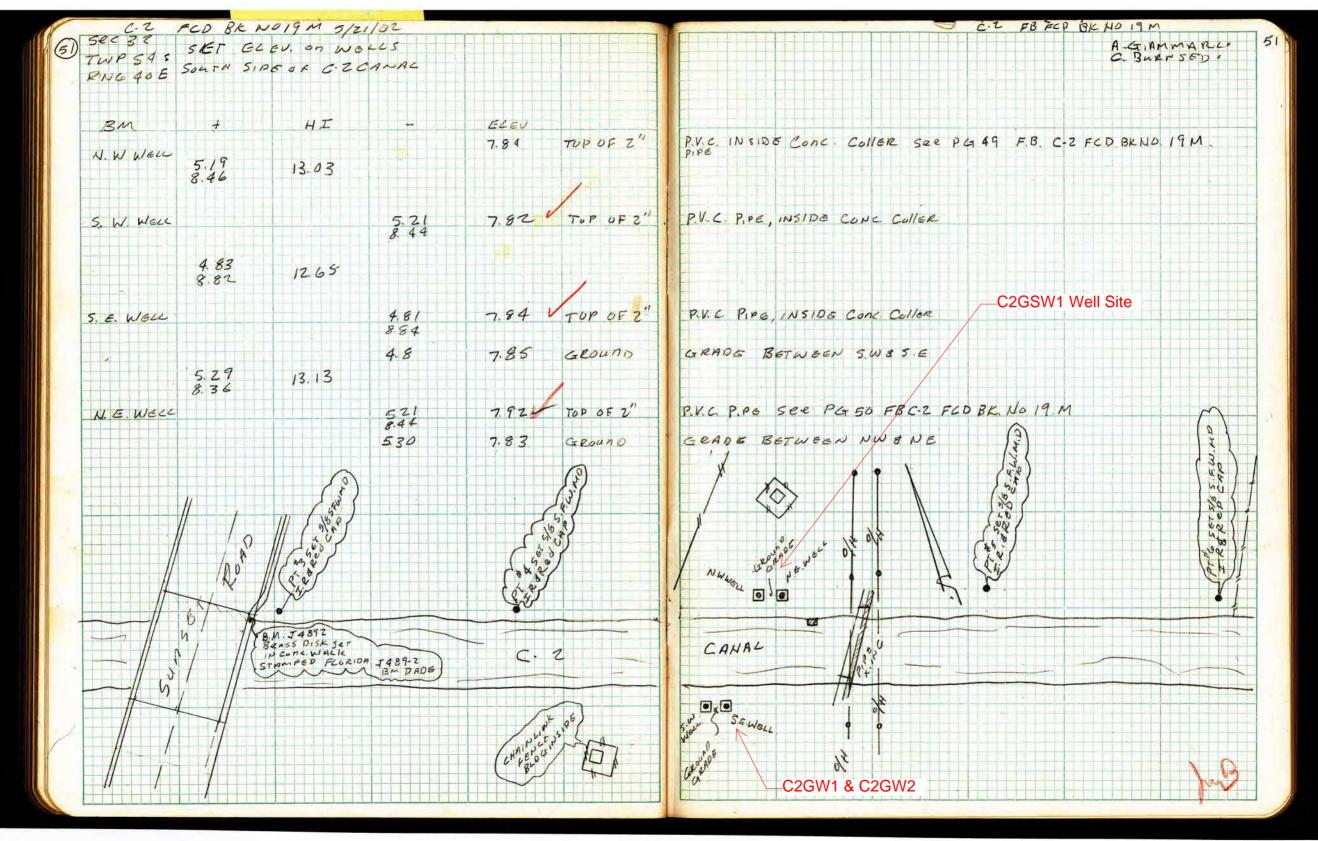


1	1 2 5		1		
9 47 Sec 30	West 5	TE C.25	40 19 M	5/16/02	C-2 FCD. BK No 19 M 5/16/02
TWP 545		CH TO FU-		SUTE ZEISS N.Z	47
RNG 405				PHILLY ROD	A. GIAMMARCO C. BURNSED
BM	. 4	HI		E26V	
P578	4:18	14.56		10.38 FJ 1 BEASS	DISK IN Conc. BASE FOR PIPE CROSSING C-Z CANAL THE INTERSECTION
	7.41				SEE PL 148 LOCK 4904 DADE CO BEACH BOOK
			5.08	9.48 1	
	4.99 3.66	14.47			
			5.67 7.98	8.80	
	4.68 8.97	13.48			
			4.42	9.06	
	5.02 8.63	14.08	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
			5.Z6 8.39	8.82	
	4.79	13.61			
8mcz5WI			5.30 8.35	8.31 V SET 1/2 GAL	PIRG IN CONC. WITH S.F.W.M.D ALUMN DISK STAMPED BM CZSWI 2002
	4.95	13.26	nrRun		22.7t FT SOUTH OF SOUTH E. U.P. N. SNAPRER CRECK, 16.2 FT WEST
			9.43 9.22	8.83	
			//		

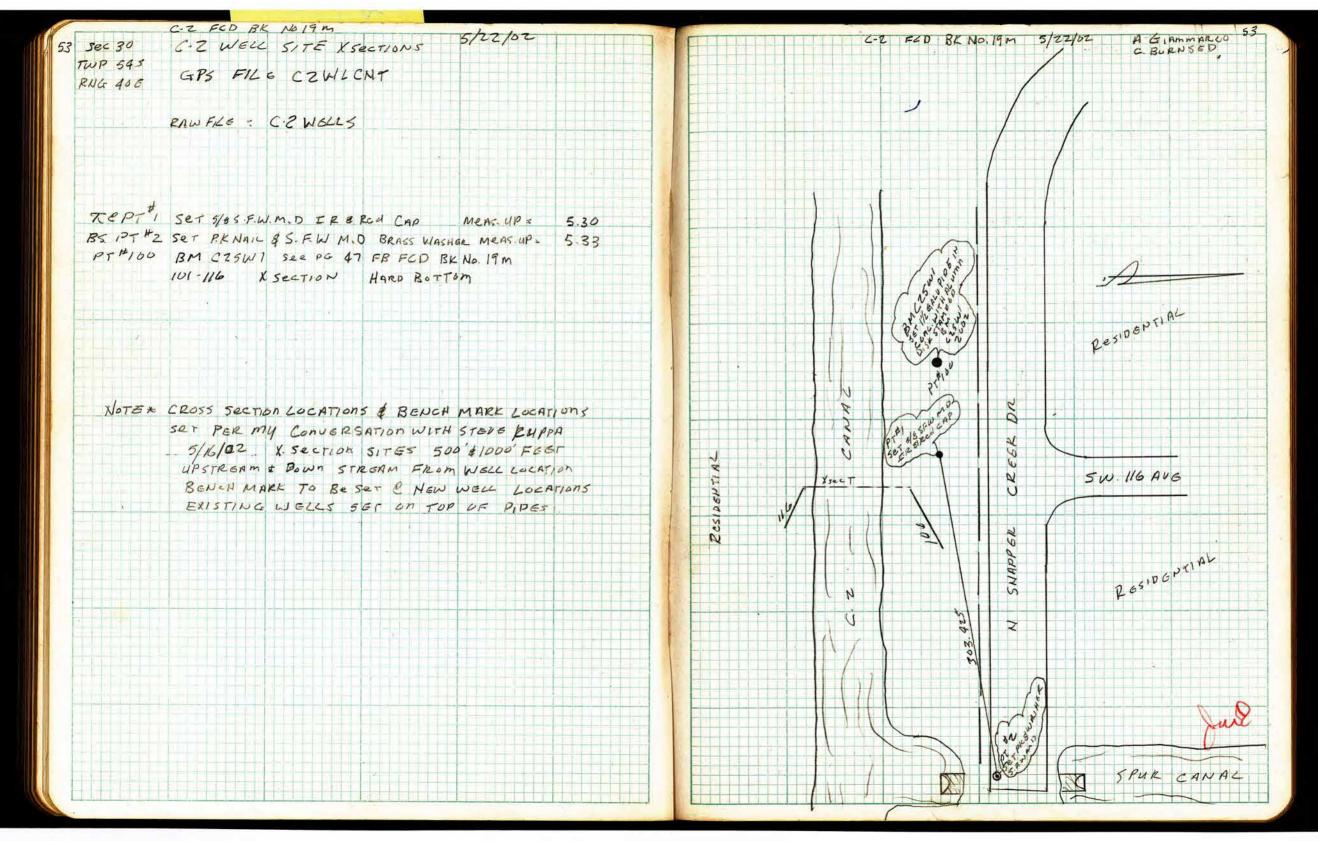
	C.Z FCD	BK NO 19 M	5/16/02			C-Z F.C.D	BK NO. 19 M	5/16/02	2010
	WELL SITE ESTABLISH	ELEV. AT 'L	1666 5150					A. GIAMN C. BURN	SED.
RNG 406									
BM	+	HI		ELEV.					
	5.14	12 07		8.83					
	5.14	13.87							
			494	9.63					
	4.30	13.33							
	1. 55		1 14	8.89			RESIDENTIAL		
			4.44	8.87	0		AREA		
	5.53 8.12	14.42			GUARD				h
			4.99	9 43	GUARDARIL				
	5.17 5.47 8.48		8.66		3				
	8.48	14.60			N/			AUS	
8M P578			4.21 9.43	10.38	P. L.			4	
	2				b -	1		3	
					1			10	L.
							N SHAPPER	CREEK	
						B.M.C25WI SE IN CONC. N. S.F. DISK STAMBED BO	THE GAZU PIPE	0 0	0
						DISK STAMPED B	m C25W1 2002)		_//
					4	: z - c,	ANAL		
									- X

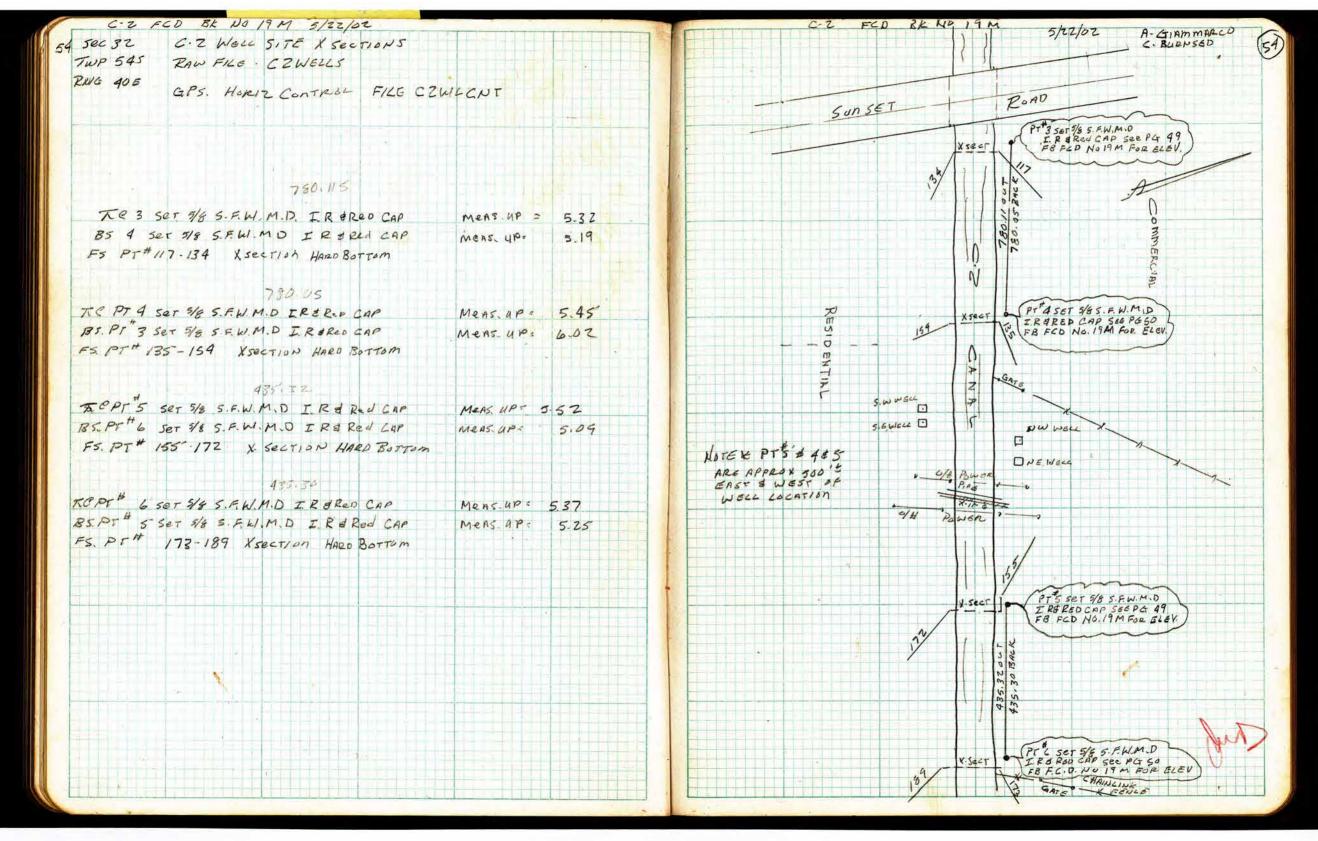
		BK NO 19 m			C-2 FC
				SIDE C-Z CANA4	A. GJAMMAR 4 C. BURNS & D
Tup 545	Run Bench	TA BRIST W	8445		
eng 400	S				
BM	4	HI		ELEU	
J-489-2				12.40 BRASS DI31	Fd IN S. E. COR BRIDGE OUSE C.ZCANAL & SUNSET RD
	2.0				See PG 123 DADE COUNTY B.M'S LOC. # 4055E FOR MORE
	3.78	16.18			DETAILS FLORIDA 489-2 BM DADG STAMPED
4					TRIBLE VENEZIA SITE CON OLING NOC
PT#3			8.46	7.78 / 565 5/8	S.F.W.M.D. I. RoddRed CAR FUTURE X. SECTION SITE, SET ALONG NOR T.O.B. C.Z.CANAL WELL OF WILL SITE
	5 12	12 66			
	5.12	12.90			
			5.62	7.28	
			3.05		
	5.0Z 9-63	12.30			
				/ / / / / / / / / / / / / / / / / / /	
			5.05	7.25	
			8.60		
	5.79				
	5.79	13.04			
			5.18	7.86	
			8.47	1.06	
	5.2 1 8.43	13.08			
	8.43	13.55			
					2"PVC. INSIDE CONC. COller
M. W. WEC	4		5.24 8.41	7.84 / T.OP OF	PVC. INSTITUTE CONTEX
	587				
	5.87 7.78	13.71			
PT#5			7.62	6.09 V SET \$18	S.F.W.M.D I RONARED CAP, FUTURE X. SECTION SITE, GAST OF WELLS
		CONT PG	50		

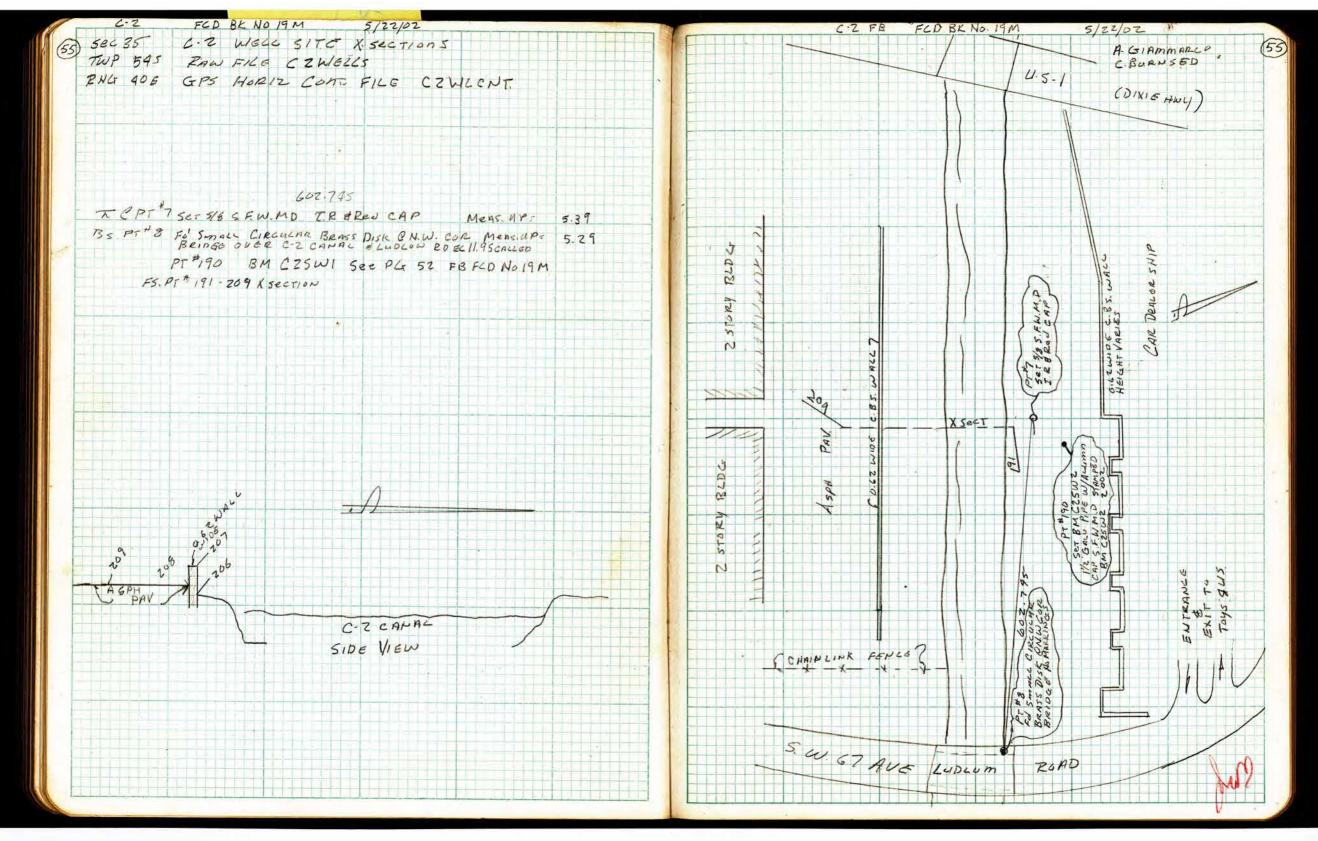
14/644 5176	D BK NO. 191				C.Z FCP BKNO.19M
the same of the sa	E EASTOF SU	inser Rd			A. GIAMMAR CO
Bench R					C. garnsou
	нТ		626V.	u.	
5.44 8.21	11.53				
		6.28 7.37	5.25	Set 5/6	5-F.WM.D I RON & REN CAP, FUTURE X SECTION SITE, EAST OF WELL SIT
5.95 7.70	11.20	Run	,	W-[
	/	4.66	6.54 V		
	13.0 - V	-	794	FOR A E 7"	
4.68 8.97	12.60	8.57	7.2+	TOPOPE	P.V.C. PIPO IN CONC. Coller
		5.52 8.13	7.081	5e1 5/E	5. F.W.M.D I. Rod & Rod CAP, FUTURE X Section SITO, WEST OF WELL SITE
5.26 8.39	12.34				
		4.58	7.76		
6.54	14.87			/	
Z		2.47	1z, 40 V		
	5.44 8.21 5.95 7.70 6.46 7.19 4.68 8.97 5.26 8.39	$-\frac{1}{8.21}$ 11.53 11.53 11.20	-4 8.21 11.53 6.28 7.37 7.70 11.20 $11.$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$



5 RC 35 TWP 545	SET E	D BK NO 19N CEV. C WELL NAZ NORTH SII US-1 Z LUD	SITE DE CANAL		C-2	F40 BK NO. 19M	A-GIAMMARCO C. BURNSED
BM	t	HI		E 160 .			
CE 14111956	1.92	18.11		16.19 Fd BRASS FLORIDA S.R.D.	DISK IN CONC. HENDWALL DISK STAMPED FCE	The state of the s	C- Z CANAL
			6.87 6.78	11.24			
	1.68	12.92					
BN CZSWZ			6.24 7.41	6.68 / SET 1/2 GALV			TIN CONC EARIS STAMP
	5.92 7.73	RETURN Run	7, 3, 0		BM CZSWZ	2002	
			1.68	10.92			
	6.79	17.71					
-ce1471 1956			1.52 12.13	16.19			
					*		
	1	1					
							7.8
				9			
							Jan Jan







P-578

LOCATOR: 4904

ELEVATION = 10.34

STATUS: C (D=Destroyed, P=Pending)

SW 56 ST --- 95' NORTH OF C/L PROJECTED FROM THE EAST

SW 117 AVE --- 142' WEST OF C/L PROJECTED FROM THE NORTH

30' WEST OF C/L OF BIKE PATH

PK NAIL AND BRASS WASHER IN CONC SUPPORT FOR A WATER MAIN * 06/13/88

Directions: To here - From here



Report run on: February 17, 2005 6:30 AM

Designation: FCE1471RESET Latitude: 254130.000 Scaled values only +/- 700' County: MIAMI-DADE Longitude: 801818.000 USGS Quad: SOUTH MIAMI Monument By: UNK Year: 1956 Project: C-2 Type: V Sec: 35 Rge: 40 Twp: 54 Stamping: FCE 1471 1956 Status: GOOD MAY 2002 Party Chief: Field Book NAD 1927 Coordinates: Page: N =E = **NGVD 1929** Adjustment: Elevation: 16.190 Order: 1 NAD 1983 Coordinates: Class: II X = Y = **NAVD 1988** Adjustment: Elevation: 14.640 Order: Order: 1 Class: Class: II Description: 5/21/2002 ALAN GIAMMARCO, FIELD BOOK C-2 19M, PAGE 52, FOUND DISK IN CONCRETE HEADWALL BRIDGE AT US 1 AND C-2 DISK STAMPED FCE 1471 1956" EL. 16.19 NGVD 1929 6/14/2000 R. BICKHAM, KEITH & SCHNARS, STRIVE PROGRAM, STRUCTURE 121, FIELD BOOK 1021, PAGE 29 FCE 1471 RESET. FOUND AS PER DESCRIPTION SUPPLIED EL. 14.64 NAVD 88 THE NGS DATA SHEETSEE FILE DSDATA.TXT FOR MORE INFORMATION ABOUT THE DATASHEET.DATABASE = SYBASE , PROGRAM = DATASHEET, VERSION = 7.02 NATIONAL GEODETIC SURVEY, RETRIEVAL DATE = MAY 27, 2004 AC2103 DESIGNATION - FCE 1471 RESET AC2103 PID - AC2103 AC2103 STATE/COUNTY- FL/DADE AC2103 USGS QUAD - SOUTH MIAMI (1988) AC2103 AC2103 *CURRENT SURVEY CONTROL AC2103* NAD 83(1986)- 25 41 30. (N) 080 18 18. (W) AC2103* NAVD 88 -4.462 (METERS) 14.64 (FEET) ADJUSTED AC2103 AC2103 GEOID HEIGHT--25.19 (METERS) GEOID03 AC2103 DYNAMIC HT -4.455 (METERS) 14.62 (FEET) COMP AC2103 MODELED GRAV- 979,019.5 (MGAL) NAVD 88 AC2103 AC2103 VERT ORDER - FIRST CLASS II AC2103.THE HORIZONTAL COORDINATES WERE SCALED FROM A TOPOGRAPHIC MAP AND HAVE AC2103.AN ESTIMATED ACCURACY OF +/- 6 SECONDS. AC2103.THE ORTHOMETRIC HEIGHT WAS DETERMINED BY DIFFERENTIAL LEVELING AC2103.AND ADJUSTED BY THE NATIONAL GEODETIC SURVEY IN MAY 1994.

AC2103.WARNING-REPEAT MEASUREMENTS AT THIS CONTROL MONUMENT INDICATE POSSIBLE



Report run on: February 17, 2005 6:30 AM

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AC2103.VERTICAL MOVEMENT.
AC2103
AC2103.THE GEOID HEIGHT WAS DETERMINED BY GEOID03.
AC2103
AC2103.THE DYNAMIC HEIGHT IS COMPUTED BY DIVIDING THE NAVD 88
AC2103.GEOPOTENTIAL NUMBER BY THE NORMAL GRAVITY VALUE COMPUTED ON THE
AC2103.GEODETIC REFERENCE SYSTEM OF 1980 (GRS 80) ELLIPSOID AT 45
AC2103.DEGREES LATITUDE (G = 980.6199 GALS.).
AC2103.THE MODELED GRAVITY WAS INTERPOLATED FROM OBSERVED GRAVITY VALUES.
AC2103
AC2103;
                          EAST UNITS ESTIMATED ACCURACY
               NORTH
AC2103;SPC FL E - 150,640.
                                     MT (+/- 180 METERS SCALED)
                            269,760.
AC2103
AC2103
                  SUPERSEDED SURVEY CONTROL
AC2103
AC2103 NAVD 88 (06/15/91) 4.467 (M)
                                     14.66 (F) UNKNOWN
                                                         12
AC2103 NGVD 29 (09/01/92) 4.936 (M)
                                     16.19 (F) ADJUSTED
AC2103
AC2103.SUPERSEDED VALUES ARE NOT RECOMMENDED FOR SURVEY CONTROL.
AC2103.NGS NO LONGER ADJUSTS PROJECTS TO THE NAD 27 OR NGVD 29 DATUMS.
AC2103.SEE FILE DSDATA.TXT TO DETERMINE HOW THE SUPERSEDED DATA WERE DERIVED.
AC2103
AC2103 U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNJ697417(NAD 83)
AC2103_MARKER: DD = SURVEY DISK
AC2103_SETTING: 38 = ABUTMENT
AC2103 STAMPING: FCE 1471 1956
AC2103 MARK LOGO: FLHD
AC2103_MAGNETIC: N = NO MAGNETIC MATERIAL
AC2103 STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
AC2103_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AC2103+SATELLITE: SATELLITE OBSERVATIONS - MAY 20, 1993
AC2103
AC2103 HISTORY - DATE CONDITION
                                      REPORT BY
                - UNK
AC2103 HISTORY
                        MONUMENTED
                                        RBNF
AC2103 HISTORY - 1978
                        GOOD
                                   NGS
AC2103 HISTORY
                - 1987
                        GOOD
                                   USPSQD
                        GOOD
                                   USPSQD
AC2103 HISTORY
                - 1988
                                   USPSQD
AC2103 HISTORY
                - 1989
                        GOOD
AC2103 HISTORY
                - 19910125 GOOD
                                     FLDNR
AC2103 HISTORY
                - 19930520 GOOD
                                     NGS
AC2103
AC2103
                  STATION DESCRIPTION
AC2103
AC2103'DESCRIBED BY NATIONAL GEODETIC SURVEY 1978
AC2103'1.1 MI SW FROM SOUTH MIAMI.
AC2103'ABOUT 1.1 MILES SOUTHWEST ALONG THE FLORIDA EAST COAST RAILROAD
AC2103'FROM THE STATION AT SOUTH MIAMI, ABOUT 150 YARDS SOUTHWEST OF
AC2103'MILEPOST 375, ABOUT 25 YARDS SOUTHEAST OF THE TRACK, ALONG U.S.
AC2103'HIGHWAY 1 WHICH PARALLELS THE TRACK, SET IN THE TOP OF THE
AC2103'NORTHWEST END OF THE SOUTHWEST CONCRETE ABUTMENT FOR SOUTH-BOUND
AC2103'LANE BRIDGE OVER SNAPPER CREEK CANAL 2, 1 FOOT NORTHWEST OF THE
AC2103'NORTHWEST CURB OF BRIDGE. NOTE--ASSUMED RESET BETWEEN 1966 AND 1978
AC2103'(1966 DISTANCE ABOVE THE LEVEL OF THE HIGHWAY WAS OMITTED).
AC2103
AC2103
                  STATION RECOVERY (1987)
AC2103
AC2103'RECOVERY NOTE BY US POWER SQUADRON 1987 (TD)
```

AC2103'RECOVERED IN GOOD CONDITION.



Report run on: February 17, 2005 6:30 AM

AC2103

AC2103 STATION RECOVERY (1988)

AC2103

AC2103'RECOVERY NOTE BY US POWER SQUADRON 1988 (TD)

AC2103'RECOVERED IN GOOD CONDITION.

AC2103

AC2103 STATION RECOVERY (1989)

AC2103

AC2103'RECOVERY NOTE BY US POWER SQUADRON 1989 (TD)

AC2103'RECOVERED IN GOOD CONDITION.

AC2103

AC2103 STATION RECOVERY (1991)

AC2103

AC2103'RECOVERY NOTE BY FL DEPT OF NAT RES 1991

AC2103'RECOVERED IN GOOD CONDITION AND AS DESCRIBED EXCEPT THE RAILROAD HAS

AC2103'BEEN REMOVED AND THE MARK IS SET IN THE BRIDGE RAIL 3.3 FT (1.0 M)

AC2103'ABOVE THE LEVEL OF THE HIGHWAY NOT 1 FT (0.3 M).

AC2103

AC2103 STATION RECOVERY (1993)

AC2103

AC2103'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1993

AC2103'2.7 KM (1.65 MI) SOUTHWESTERLY ALONG U.S. HIGHWAY 1 FROM THE

AC2103'JUNCTION OF STATE HIGHWAY 959 (SOUTHWEST 57TH AVENUE) IN SOUTH MIAMI,

AC2103'IN TOP OF AND 0.2 M (0.7 FT) SOUTHEAST OF THE NORTHWEST END OF THE

AC2103'SOUTHWEST CONCRETE ABUTMENT OF THE SOUTHBOUND HIGHWAY BRIDGE SPANNING

AC2103'SNAPPER CREEK CANAL NUMBER C-2, 7.5 M (24.6 FT) NORTHWEST OF THE

AC2103'CENTERLINE OF THE SOUTHBOUND LANES OF THE HIGHWAY, AND 1.0 M (3.3 FT)

AC2103'ABOVE THE LEVEL OF THE HIGHWAY.

*** RETRIEVAL COMPLETE.

ELAPSED TIME = 00:00:01

ABOUT 1.1 MILES SOUTHWEST ALONG THE FLORIDA EAST COAST RAILROAD FROM THE STATION AT SOUTH MIAMI, ABOUT 150 YARDS SOUTHWEST OF MILEPOST 375, ABOUT 25 YARDS SOUTHEAST OF THE TRACK, ALONG US HIGHWAY 1 WHICH PARALLELS THE TRACK, SET IN THE TOP OF THE NORTHWEST END OF THE SOUTHWEST CONCRETE ABUTMENT FOR SOUTHBOUND LANE BRIDGE OVER SNAPPER CREEK CANAL #2, 1 FOOT NORTHWEST OF THE NORTHWEST CURB OF BRIDGE AND ABOUT 1 FOOT ABOVE THE LEVEL OF THE HIGHWAY.

NOTE: ASSUMED RESET BEYWEEN 1966 AND 1978

STATION RECOVERY (1993)

RECOVERY NOTE BY NGS 1993

2.7 KM (1.65 MI) SOUTHWESTERLY ALONG U.S. HIGHWAY 1 FROM THE JUNCTION OF STATE HIGHWAY 959 (SW 57TH AVE) IN SOUTH MIAMI, IN TOP OF AND 0.2 M (0.7 FT)SOUTHEAST OF THE NORTHWEST END OF THE SOUTHWEST CONCRETE ABUTMENT OF THE SOUTHBOUND HIGHWAY BRIDGE SPANNING SNAPPER CREEK CANAL NUMBER C-2, 7.5 M (24.6 FT) NORTHWEST OF THE CENTERLINE OF THE SOUTHBOUND LANES OF THE HIGHWAY, AND 1.0 M (3.3 FT) ABOVE THE LEVEL OF THE HIGHWAY.



Report run on: September 28, 2005 9:07 AM

Designation: C2SW1

County: MIAMI-DADE
USGS Quad: SOUTH MIAMI NW

Project: C2SW1 WELL SITE

Sec: 30 Twp: 54 Rge: 40

Status: GOOD APR 2005

NAD 1927 Coordinates:

N =

E =

Adjustment:

NAD 1983 Coordinates:

X = 859747.360

Y = 500767.900

Adjustment:

Order: Class: Latitude: Scaled values only

Longitude:

Monument By: SFWMD

Year: 2002

Type: V

Stamping: C2SW1

Party Chief: GIAMMARCO

Field Book 19M

Page: 47

NGVD 1929

Elevation: 8.230

Order: 3 Class:

NAVD 1988

Elevation: 6.682

Order: 3 Class:

Description:

OLD SFWMD EL. 8.31 NGVD 1929

4/21/2005 KEITH & SCHNARS LEVEL RUN ALONG C-2 FROM NGS BM V-269 THROUGH (AND OTHERS) TO NGS BM N33

C2SW2

EL. 6.6820 NAVD 88, EL. 8.2298 NGVD 1929

TO REACH: FROM THE TURNPIKE ENTRANCE IN LAKE WORTH TAKE THE TURNPIKE SOUTH BOUND APPROXIMATELY 68 MILES TO EXIT 25 (SW 8TH STREET). TAKE SW 8TH STREET EXIT 0.5 MILES TO LIGHT AT THE INTERSECTION OF S.W. 117TH AVENUE; TURN RIGHT FOLLOW S.W. 117TH AVENUE SOUTHERLY APPROXIMATELY 1.7 MILES TO THE INTERSECTION OF S.W. 32 STREET, CONTINUE SOUTHERLY 0.3 MILES TO SW 3700 TURNPIKE ENTRANCE NORTH BOUND, CONTINUE SOUTHERLY ALONG SW 117TH AVENUE, 0.2 MILES TO ____; FOLLOW THE ROAD SOUTHERLY AND EASTERLY TO THE INTERSECTION OF SW 116TH AVENUE AND NORTH SNAPPER CREEK

BENCH MARK IS 22.7 FEET SOUTH OF THE SOUTH EDGE OF PAVEMENT OF NORTH SNAPPER CREEK AND 16.2 FEET WEST OF THE CENTERLINE EXTENDED OF SW 116TH AVENUE.

STATION IS A 1 1/4 - INCH IRON PIPE WITH A SOUTH FLORIDA WATER MANAGEMENT DISTRICT ALUMINUM CAP IN CONCRETE STAMPED "C2SW1 2002"

NOTE THE NUMBER 1 IS STAMPED UPSIDE DOWN, ALSO WHEN YOU MAKE A COPY PLEASE INCLUDE BACK AND DIAGRAM.

THE ELEVATION IS BASED ON A LEVEL RUN FROM DADE COUNTY BENCH MARK P578 EL. 10.38 NGVD 1929. THE COORDINATES TAKEN FROM SFWMD DRAWING "C-2 CANAL SPECIFIC PURPOSE SURVEY, STUDY WELLS AND CROSS SECTIONS, FIELD DATE MAY 22, 2002.



Report run on: September 28, 2005 9:07 AM

Designation: C2SW2

County: MIAMI-DADE

USGS Quad: SOUTH MIAMI

Project: C2SW2 WELL SITE

Sec: 35

Twp: 54

Rge: 40

Status: GOOD APR 2005

NAD 1927 Coordinates:

N =

E =

Adjustment:

NAD 1983 Coordinates:

X = 885726.000

Y = 494219.150

Adjustment:

Order: Class: Latitude: Scaled values only

Longitude:

Monument By: SFWMD

Year: 2002

Type: V

Stamping: C2 SW2 2002 Party Chief: GIAMMARCO

Field Book 19M

Page: 52

NGVD 1929

Elevation: 6.662

Order: 3 Class:

NAVD 1988

Elevation: 5.123

Order: 3 Class:

Description:

4/21/2005 KEITH & SCHNARS LEVEL RUN ALONG C-2 FROM NGS BM V-269 THROUGH (AND OTHERS) TO NGS BM N33

C2SW2

EL. 5.1228 NAVD 88, EL. 6.6623 NGVD 1929

TO REACH: FROM THE INTERSECTION OF 826 AND SW 72ND STREET, GO EAST ON SW 72ND STREET 1 MILE TO THE INTERSECTIONOF SW 72ND STREET (SUNRISE DRIVE) AND SW 67 AVENUE (LUDLIM ROAD), TURN RIGHT (SOUTHERLY) ON SW 67 AVENUE, CONTINUE SOUTHERLY ON SW 67 TH AVENUE APPROXIMATELY 0.55 OF A MILE TO THE INETESECTION OF SW 67TH AVENUE AND US 1; CONTINUE SOUTHERLY ALONG SW67TH AV3ENUE 0.2 OF A MILE TO A BRIDGE OVER SOUTH FLORIDA WATER MANAGEMENT DISTRICTS CANAL 2; TURN RIGHT (WESTERLY) AT THE NORTHERLY SIDE OF THE BRIDGE AND GO THORUGH THE GATE AND CONTINUE WESTERLY 573 FEET MORE OR LESS TO STATION LOCATION.

STATION IS A SOUTH FLORIDA WATER MANAGEMENT DISTRICT ALUMINUM DISK IN A 1 1/2-INCH GALVINIZED IRON PIPE IN CONCRETE STAMPED (BM C3SW2 2002" ELEV.6.68 NGVD 1929 ELEVATION BASED ON CORPS OF ENGINEERS BRASS DISK FCE 1471 1956 EL. 14.64 NAVD 1988 AND EL. 16.19 NGVD 1929