

8437

4
Diag'd, on diag. ch. No. E249

Form 504

U. S. COAST AND GEODETIC SURVEY
DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey TOPOGRAPHIC

Field No. 8437 Office No. _____

LOCALITY

State FLORIDA

General locality DADE COUNTY

Locality "GOULDS" PRINCETON, AND HANNA

1947

CHIEF OF PARTY

Lieut. Comdr. George E. Morris Jr.

LIBRARY & ARCHIVES

DATE March 23, 1948

8437

RECORD SHEET

Div. of Photogrammetry
Graphic Compilation Sect.

GENERAL LOCALITY Fla. East Coast
LOCALITY Goulds

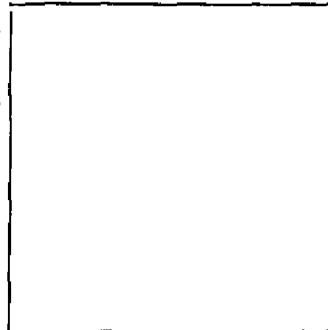
SHEET NO. T-8437 (Goulds)
PROJECT NO. CS-312-B
SCALE 1:20,000

PHOTOS ORDERED.....REC'D 16 Jan. 1946
PROJECTION ORDERED.....REC'D 1 July, 1946

Joins T-8436 Ck.....

CONTROL:
COMPUTED M.M. Slavney VERIFIED B.H. Lyon
PLOTTED B.H. Lyon VERIFIED M.M. Slavney

Limits of project
Joins..... Ck.....



Joins T-8438 Ck.....

PHOTO PREPARATION:
CONTROL M.M. Slavney
AZIMUTHS M.M. Slavney
PASS POINTS B.H. Lyon

Joins T-8817 Ck.....

TEMPLATS B.H. Lyon VERIFIED M.M. Slavney

RADIAL PLOT:
PLOTTED BY B.H. Lyon DATE 4-46
VERIFIED B.H. Lyon DATE 4-46

DATE OF PHOTOS 11-14-42
4-24-46, 4-27-46
TIME OF PHOTOS 2:00 to 2:55 P.M.
10:05-10:06 AM, 9:11 and 9:38

COMPILATION:
DETAIL POINTS R. Dossett DATE 7-46
DETAIL BY R. Dossett DATE 8-46; 3-47
VERIFIED BY J.A. Giles DATE 18 Apr., 1947

STAGE OF TIDE.....
Not applicable
Inshore quadrangle

COMPARISON WITH PREVIOUS SURVEYS; TOPO., HYDRO., AND CHARTS:

A comparison was made with the CWA sheets of quadrangle No. 266 which covered this map manuscript. Considerable change in cultural features were noted due to recent construction. Roads were generally in good agreement except for side roads which were out of position in a few places.

REMARKS.....
.....
.....
.....

FORWARDED TO..... DATE.....

DATA RECORD

T-8437

Quadrangle (II): Goulds Project No. (II): CS-312-B
Declination = 1°45' East

Field Office: Tampa & Homestead, Fla. Chief of Party: George E. Morris, Jr.

Compilation Office: Tampa, Fla. Chief of Party: George E. Morris, Jr.

Instructions dated (II III): 25 May, 1945 Copy filed in Descriptive
 Report No. T- (VI)
Div. Photogr. Office Files

Completed survey received in office: *15 August 1947*

Reported to Nautical Chart Section:

Reviewed: *11-14-47* Applied to chart No. Date:

Redrafting Completed:

Registered: *7 March 1948* Published:

Compilation Scale: 1:20,000 Published Scale: *1:24,000*

Scale Factor (III): None

Geographic Datum (III): N.A. 1927 Datum Plane (III): MSL

Reference Station (III): Perrine, 1934

Lat.: 25° 36' 17.123 (526.9m) Long.: 80° 28' 45.1312 (1264.3) Adjusted
~~_____~~

State Plane Coordinates (VI): East Zone

x = 671, 612.20 feet y = 462, 357.66 feet

Military Grid Zone (VI)

PHOTOGRAPHS (III)

<u>Number</u>	<u>Date</u>	<u>Time</u>	<u>Scale</u>	<u>Stage of Tide</u>
11947	11-14-42	2:00 PM	1:20,000	Not applicable
11948	"	2:00 PM	"	
11949	"	2:00 PM	"	
11979	"	2:50 PM	"	
11978	"	2:53 PM	"	
11977	"	2:55 PM	"	
16298	4-24-46	10:06 AM	"	
16299	"	10:06 "	"	
16324	4 27-46	9:11 "	"	
16339	"	9:38 "	"	

Tide from (III): Inshore quadrangle

Mean Range: _____ Spring Range: _____

Camera: (Kind or source) U.S. Coast and Geodetic nine-lens, 8 1/2" focal length.

Field Inspection by: James H. Clark date: Jan. 1947
C.H. Baldwin & E.M. Smith Mar. 1946

Field Edit by: John D. Weiler date: June 1947

Date of Mean High-Water Line Location (III): Inshore quadrangle

Projection and Grids ruled by (III) Washington Office date: 7-46

" " " checked by: Washington Office date: 7-46

Control plotted by: B.H. Lyon date: 4-46

Control checked by: M.M. Slavney date: 4-46

Radial Plot by: B.H. Lyon date: 4-46

Detailed by: Rudolph Dossett date: 8-46, 3-47

Reviewed in compilation office by: J.A. Giles date: 18 Apr. 1947

Elevations on ~~Field Edit Sheet~~ Map manuscript checked by: J.A. Giles date: Apr. 1947

STATISTICS (III)

Land Area (Sq. Statute Miles): 67

Shoreline (More than 200 meters to opposite shore): None

Shoreline (Less than 200 meters to opposite shore): None

Number of Recoverable Topographic Stations established: 3

Number of Temporary Hydrographic Stations located by radial plot: None

Leveling (to control contours) - miles: None

Roman numerals indicate whether the item is to be entered by, (II) Field Party, (III) Compilation Party, or, (VI) the Washington Office.

When entering names of personnel on this record give the surname and initials (not initials only).

Remarks:

MAP T-8437 PROJECT NO. CS-212 B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
CE-42, 1936 (Fla.G.S.)	DADE pp 26	N.A. 1927	437,437.8 690,871.1				2267.0	(781.0)	
							265.5	(2782.5)	
X-39, 1934 (Fla.G.S.)	pp 23	"	447,012.83 702,427.41				2137.5	(910.5)	
							739.9	(2308.1)	
X-44, 1934 (Fla.G.S.)	pp 23	"	431,093.06 688,338.63				333.2	(2714.8)	
							2541.6	(506.4)	
C-68, 1934 (Fla.G.S.)	pp 45	"	429,293.65 686,759.56				2832.7	(215.3)	
							2060.3	(987.7)	
CE-52, 1936 (Fla.G.S.)	pp 26	"	429,278.1 682,922.5				2828.0	(220.1)	
							890.8	(2157.2)	
CE-41, 1936 (Fla.G.S.)	pp 25	"	437,396.0 688,191.1				2254.3	(793.7)	
							2496.7	(551.3)	
CE-39, 1936 (Fla.G.S.)	pp 25	"	437,325.6 682,807.8				2232.8	(815.2)	
							855.8	(2192.2)	
CE-37, 1936 (Fla.G.S.)	pp 25	"	437,226.2 677,435.3				2202.6	(845.4)	
							2266.3	(781.7)	
CE-40, 1936 (Fla.G.S.)	pp 25	"	437,360.1 685,488.8				2243.4	(804.6)	
							1673.0	(1375.0)	
CE-38, 1936 (Fla.G.S.)	pp 25	"	437,281.9 680,094.4				2219.5	(828.5)	
							28.8	(3019.2)	
CE-43, 1936 (Fla.G.S.)	pp 30	"	443,691.4 662,589.2				1125.1	(1922.9)	
							789.2	(2258.8)	
CE-36, 1936 (Fla.G.S.)	pp 25	"	437,178.4 674,740.9				2188.0	(860.0)	
							1445.0	(1603.0)	

MAP T-8437 PROJECT NO. CS-312 B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
CE-142, 1936 (Fla.G.S.)	DADE	N.A.	147,652.6					2332.5	(715.5)	
	pp 30	1927	662,556.5					779.2	(2268.8)	
CE-41 A, 1936 (Fla.G.S.)	"	"	140,117.5					35.8	(3012.2)	
	pp 25	"	688,150.6					2484.3	(563.7)	
CE-48, 1936 (Fla.G.S.)	"	"	129,124.5					2781.2	(266.8)	
	pp 26	"	672,140.2					652.3	(2395.7)	
CE-49, 1936 (Fla.G.S.)	"	"	129,162.8					2792.8	(255.2)	
	pp 26	"	674,842.9					1476.1	(1571.9)	
CE-51, 1936 (Fla.G.S.)	"	"	129,227.1					2812.4	(235.6)	
	pp 26	"	680,195.3					59.5	(2988.5)	
CE-50, 1936 (Fla.G.S.)	"	"	129,202.3					2804.9	(243.1)	
	pp 26	"	677,556.4					2303.2	(744.8)	
CE-153, 1936 (Fla.G.S.)	"	"	126,364.7					1940.0	(1108.0)	
	pp 31	"	664,141.8					1262.4	(1785.6)	
CE-41 C, 1936 (Fla.G.S.)	"	"	132,064.8					629.4	(2418.6)	
	pp 26	"	688,256.6					2516.6	(531.4)	
CE-33, 1936 (Fla.G.S.)	"	"	142,865.7					873.5	(2174.5)	
	pp 25	"	693,378.8					1029.9	(2018.1)	
CE-32, 1936 (Fla.G.S.)	"	"	142,812.3					857.2	(2190.8)	
	pp 25	"	690,819.5					249.8	(2798.2)	
CE-41 B, 1936 (Fla.G.S.)	"	"	134,775.0					1455.4	(1592.6)	
	pp 26	"	688,225.2					2507.0	(541.0)	
CF-35, 1936 (Fla.G.S.)	"	"	139,956.4					3034.7	(13.3)	
	pp 35	"	682,768.5					843.8	(2204.2)	

MAP T-8437

PROJECT NO. CS-312-B.

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE LONGITUDE OR x-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
CE-143 A, 1936 (Fla.G.S.)	DADE pp 30	N.A. 1927	442,369.9					722.3	(2325.7)	
			662,600.0					792.5	(2255.5)	
CF-32, 1936 (Fla.G.S.)	" pp 35	"	426,595.8					2010.4	(1037.6)	
			682,969.1					905.0	(2143.0)	
CF-34, 1936 (Fla.G.S.)	" pp 35	"	434,614.7					1415.7	(1632.3)	
			682,843.2					866.6	(2181.4)	
N-59, 1934 (Fla.G.S.)	" pp 20	"	458,345.20					2543.6	(504.4)	
			671,796.50					547.6	(2500.4)	
N-57, 1934 (Fla.G.S.)	" pp 20	"	447,849.36					2392.5	(655.5)	
			671,944.60					592.7	(2455.3)	
N-55, 1934 (Fla.G.S.)	" pp 20	"	437,128.63					2172.8	(875.2)	
			672,038.18					621.2	(2426.8)	
N-58, 1934 (Fla.G.S.)	" pp 20	"	450,202.72					61.8	(2986.2)	
			671,918.58					584.8	(2463.2)	
N-53, 1934 (Fla.G.S.)	" pp 20	"	426,458.47					1968.5	(1079.5)	
			672,170.01					661.4	(2386.6)	
N-54, 1934 (Fla.G.S.)	" pp 20	"	431,791.79					546.1	(2501.9)	
			672,104.69					641.5	(2406.5)	
DA-187, 1936 (Fla.G.S.)	" pp 17	"	464,816.87					1468.2	(1579.8)	
			671,593.05					485.6	(2562.4)	
PERRINE, 1934 (U.S.C.&G.S.)	G.P. pp136	"	25 36 17.123					526.9	(1319.4)	
			80 28 45.312					1264.3	(409.8)	
CE-3-1936 (Fla. G.S.)	Dade Page 24	N.A. 1927	447,963.1					2427.2	(620.8)	
			677,320.9					2231.4	(816.6)	

1 FT. = 3048008 METERS

COMPILED BY: R.J. Pate

DATE 18 March 1947
20 Nov. 1947

CHECKED BY: M.M. Slavney
R.J. Pate

DATE 18 March 1947
20 March 1947

MAP T. 8437

PROJECT NO. CS-312-B

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CE-5-1936 (Fla. G.S.)	Dade Page 24	N.A. 1927	448,051.9		8051.9	(1948.1)		2454.2	(593.8)		
CE-7-1936 (Fla. G.S.)	"	"	682,677.1		2,677.1	(7,322.9)		816.0	(2232.0)		
CE-9-1936 (Fla. G.S.)	"	"	448,124.3		8,124.3	(1,875.7)		2476.3	(571.7)		
CE-11-1936 (Fla. G.S.)	"	"	688,039.8		8,039.8	(1,960.2)		2450.5	(597.5)		
CE-16-1936 (Fla. G.S.)	"	"	448,199.8		8,199.8	(1,800.2)		2499.3	(548.7)		
CE-20-1936 (Fla. G.S.)	"	"	693,401.6		3,401.6	(6,598.4)		1036.8	(2011.2)		
CE-24-1936 (Fla. G.S.)	"	"	448,278.3		8,278.3	(1721.7)		2523.2	(524.8)		
CE-29-1936 (Fla. G.S.)	"	"	698,760.7		8,760.7	(1,239.3)		2,670.3	(377.7)		
CE-31-1936 (Fla. G.S.)	"	"	453,274.7		3,274.7	(6,725.3)		998.1	(2049.9)		
CE-15-1936 (Fla. G.S.)	"	"	677,250.7		7,250.7	(2,749.3)		2210.0	(838.0)		
CE-17-1936 (Fla. G.S.)	"	"	453,482.2		3,482.2	(6,517.8)		1061.4	(1986.6)		
CE-18-1936 (Fla. G.S.)	"	"	687,966.6		7,966.6	(2,033.4)		2428.2	(619.8)		
CE-19-1936 (Fla. G.S.)	"	"	453,625.2		3,625.2	(6,374.8)		1105.0	(1943.0)		
CE-21-1936 (Fla. G.S.)	"	"	698,686.8		8,686.8	(1,313.2)		2647.7	(400.3)		
CE-22-1936 (Fla. G.S.)	"	"	442,695.1		2,695.1	(7,304.9)		821.5	(2226.5)		
CE-23-1936 (Fla. G.S.)	"	"	682,737.7		2,737.7	(7,262.3)		834.5	(2213.6)		
CE-24-1936 (Fla. G.S.)	"	"	442,782.7		2,782.7	(7,219.2)		848.2	(2199.8)		
CE-25-1936 (Fla. G.S.)	"	"	688,113.0		8,113.0	(1,887.0)		2472.8	(575.2)		
CE-26-1936 (Fla. G.S.)	"	"	437,070.92		7,070.92	(2,929.08)		2155.2	(892.8)		
CE-27-1936 (Fla. G.S.)	"	"	666,693.17		6,693.17	(3,306.83)		2040.1	(1007.9)		
CE-28-1936 (Fla. G.S.)	"	"	426,395.0		6,395.0	(3,605.0)		1949.2	(1098.8)		
CE-29-1936 (Fla. G.S.)	"	"	666,818.0		6,818.0	(3,182.0)		2078.1	(969.9)		
CE-30-1936 (Fla. G.S.)	"	"	442,398.0		2,398.0	(7,602.0)		730.9	(2317.1)		
CE-31-1936 (Fla. G.S.)	"	"	660,648.3		648.3	(9,251.7)		197.6	(2850.4)		

1 FT. = 3048006 MICRONS
 COMPUTED BY: R.J. Pate
 Plotted by R. Dorrett

DATE: 18 March 1947
 CHECKED BY: M.M. Slavney
 R.J. Pate

DATE: 20 March 1947
 DATE: 18 March 1947
 DATE: 20 March 1947

M-2588-12

MAP T-8437 PROJECT NO. CS-312-B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS	
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	FORWARD	(BACK)
CF-19-1936 (Fla. G.S.)	Dade Page 34	N.A. 1927	447,696.5		7,696.5	(2,303.5)		2345.9	(702.1)		
			666,587.0		6,587.0	(3,413.0)		2007.7	(1040.3)		
DA-100C-1936 (Fla. G.S.)	Page 8	"	458,842.18		8,842.18	(1,157.82)		2695.1	(352.9)		
			682,495.28		2,495.28	(7,504.72)		760.6	(2287.4)		
DA-102-1936 (Fla. G.S.)	"	"	459,077.26		9,077.26	(922.74)		2766.8	(281.3)		
			687,883.66		7,883.66	(2,116.34)		2402.9	(645.1)		
DA-104-1936 (Fla. G.S.)	"	"	459,534.24		9,534.24	(465.76)		2906.0	(142.0)		
			698,635.21		8,635.21	(1,364.79)		2632.0	(416.0)		

1 FT. = 304808 METERS
COMPUTED BY: R. J. Pate
Checked by: R. D. Pate
DATE: 18 March 1947
M-2300-12

18 March 1947
DATE: 20 March 1947
M-2300-12

MAP T. 8437 PROJECT NO. CS-212 B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
CF-30-1936	Fla. G.S. Dade Page 35	N.A. 1927	445,283.0	5,283.0			1610.3	(1437.7)	
Fla. G.S.			677,343.3	7,343.3			2238.2	(809.8)	
CF-29-1936	"	"	442,610.1	2610.1			795.6	(2252.4)	
			677,364.2	7,364.2			2244.6	(803.4)	
CF-28-1936	"	"	439,927.6	9,927.6			3025.9	(22.1)	
			677,396.9	7,396.9			2254.6	(793.4)	
CF-27-1936	"	"	434,657.4	4,657.4			1419.6	(1628.4)	
			677,480.4	7,480.4			2280.0	(768.0)	
CF-26-1936	"	"	431,895.4	1,895.4			577.7	(2470.3)	
	Page 34		677,510.9	7,510.9			2289.3	(758.7)	
CF-20-1936	"	"	447,758.8	7,758.8			2364.9	(683.1)	
			669,258.4	9,258.4			2822.0	(226.0)	
CF-18-1936	"	"	445,042.7	5,042.7			1537.0	(1511.0)	
			666,617.9	6,617.9			2017.1	(1030.9)	
CF-17-A-1936	"	"	442,436.8	2,436.8			742.7	(2305.3)	
			669,303.9	9,303.9			2835.8	(212.2)	
CF-16-1936	"	"	439,734.7	9,734.7			2967.1	(80.9)	
			666,660.6	6,660.6			2030.2	(1017.8)	
CF-14-1936	"	"	434,415.6	4,415.6			1345.9	(1702.1)	
			666,716.5	6,716.5			2047.2	(1000.8)	
CF-13-A 1936	"	"	431,774.0	1,774.0			540.7	(2507.3)	
			669,420.7	9,420.7			2871.4	(176.6)	
CF-12-1936	"	"	429,086.0	9,086.0			2769.4	(278.6)	
			666,782.2	6,782.2			2067.2	(980.8)	

1 FT. = 304800 METERS
COMPUTED BY: R. Dossett

DATE 19 March 1947

CHECKED BY: E. C. Andrews

DATE 20 March 1947

MAP T-8437 PROJECT NO. 29-312.B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE	DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
				FORWARD	(BACK)		FORWARD	(BACK)	
CF-11-A-1936	Fla. G.S. N.A. Dade Page 34	1927	426,423.6 669,495.5	6,423.6 9,495.5			1957.9 2894.2	(1090.1) (153.8)	
X-46 - 1934	Page 23	"	425,783.42 683,670.96	5,783.42 3,670.96			1762.8 1118.9	(1285.2) (1929.1)	
X-43-1934	"	"	434,614.60 691,538.39	4,614.6 1,538.49			1706.5 468.9	(1641.5) (2579.1)	
X-41-1934	"	"	441,912.29 697,953.82	1,912.29 7,953.82			582.9 2424.3	(2465.1) (623.7)	
X-38,1934	"	"	449,457.66 704,577.56	9,457.66 4,577.56			2882.7 1395.2	(165.3) (1652.8)	
Z-67 X-37-1934	Page 46	"	451,941.90 706,767.47	1,941.90 6,767.47			591.9 2062.7	(2456.1) (985.3)	off sheet
CE-60-1936	Page 26	"	430,926.5 704,235.4	926.5 4,235.4			282.4 1291.0	(2765.6) (1757.0)	
CE-57-1936	"	"	430,839.9 696,354.4	839.9 6354.4			256.0 1936.8	(2792.0) (1111.2)	
CE-56-1936	"	"	430,800.0 693,663.4	800.0 3,663.4			243.8 1116.6	(2804.2) (1931.4)	
CE-55-1936	"	"	430,730.9 689,968.8	730.9 9,968.8			222.8 3038.5	(2825.2) (9.5)	
CE-44-1936	"	"	437,521.6 696,232.0	7,521.6 6,232.0			2292.6 1899.5	(755.4) (1148.5)	
CE-34-1936	Page 25	"	442,909.7 696,184.8	2,909.7 6,184.8			886.9 1885.1	(2161.1) (1162.9)	

1 FT. = 3048005 METER
COMPUTED BY: R. Dossett

DATE 19 March 1947

CHECKED BY: E. C. Andrews

DATE 20 March 1947

MAP T. 8437

PROJECT NO. CS-312 B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
CE-31A-1936	Fla. D.S. Date Page 25	N.A. 1927	445,450.9		5,450.9			1661.4	(1386.6)	
			688,078.8		8,078.8			2462.4	(585.6)	
CE-30-1936	"	"	442,737.2		2,737.2			834.3	(2213.7)	
			685,430.7		5,430.7			1655.3	(1392.7)	
CE-28-1936	"	"	442,653.3		2,653.3			808.7	(2239.3)	
			680,056.9		056.9			17.3	(3030.7)	
CE-27-1936	"	"	442,622.3		2,622.3			799.3	(2248.7)	
			677,384.1		7,384.1			2250.7	(797.3)	
CE-23-1936	"	"	453,615.9		3,615.9			1102.1	(1945.9)	
			696,016.9		6,016.9			2834.0	(1214.0)	
CE-22-1936	"	"	453,557.5		3,557.5			1084.3	(1963.7)	
			693,316.9		3,316.9			1011.0	(2037.0)	
CE-21-1936	" Page 24	"	453,519.9		3,519.9			1072.9	(1975.1)	
			690,641.5		641.5			195.5	(2852.5)	
CE-20A-1936	"	"	456,161.6		6,161.6			1878.1	(1169.9)	
			687,942.3		7,942.3			2420.8	(627.2)	
CE-19-1936	"	"	453,429.8		3,429.8			1045.4	(2002.6)	
			685,264.0		5,264.0			1604.5	(1443.5)	
CE-18-1936	"	"	453,417.3		3,417.3			1041.6	(2006.4)	
			682,620.3		2,620.3			798.7	(2249.3)	
CE-17-1936	"	"	453,327.1		3,327.1			1014.1	(2033.9)	
			679,884.8		9,884.8			3012.9	(35.1)	
CE-15-1936	"	"	453,211.3		3,211.3			976.8	(2069.2)	
			674,592.7		4,592.7			1399.9	(1648.1)	

MAP T. 8427 PROJECT NO. CS-212 B SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET. OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM. DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
CE-12-1936	Fla.G.S. Dade Page 24	N.A. 1927	448,318.7	701,454.4	8,318.7			2535.5	(512.5)	
CE-10-1936	"	"	448,240.7	696,085.4	1,454.4			443.3	(2604.7)	
CE-8-1936	"	"	448,159.9	696,085.4	8,240.7			2511.8	(536.2)	
CE-6-1936	"	"	448,159.9	696,085.4	6,085.4			1854.8	(1193.2)	
CE-4-1936	"	"	690,702.8	448,159.9	8,159.9			2487.1	(560.9)	
CE-2-1936	"	"	448,083.7	690,702.8	702.8			214.2	(2833.8)	
			685,342.4	448,083.7	8,083.7			2463.9	(584.1)	
			448,010.4	685,342.4	5,342.4			1628.4	(1419.6)	
			680,009.5	448,010.4	8,010.4			2441.6	(606.4)	
			447,881.4	680,009.5	9.5			2.9	(3045.1)	
			674,610.9	447,881.4	7,881.4			2402.3	(645.7)	
			447,881.4	674,610.9	4,610.9			1405.4	(1642.6)	
			674,610.9	447,881.4	4,610.9			1405.4	(1642.6)	
DA-148-1936	" Page 13	"	464,752.69	692,981.90	4,752.69			1448.6	(1599.4)	
DA-148A-1936	"	"	692,981.90	464,752.69	2,981.90			908.9	(2139.1)	
DA-147-1936	"	"	467,438.62	692,981.90	7,438.62			2267.3	(780.7)	
DA-105-1936	" Page 8	"	692,835.39	467,438.62	2,835.39			864.2	(2183.8)	
DA-10AB-1936	"	"	462,126.30	692,835.39	2,126.30			648.1	(2399.9)	
			692,101.75	462,126.30	2,101.75			945.4	(2102.6)	
			459,886.23	692,101.75	9,886.23			3013.3	(34.7)	off sheet
			706,880.48	459,886.23	6,880.48			2097.2	(950.6)	
			459,758.79	706,880.48	9,758.79			2974.5	(73.5)	
			703,992.83	459,758.79	3,992.83			1217.0	(1831.0)	

See Page 3 of 10

MAP T. 8437

PROJECT NO. CS-312 B

SCALE OF MAP 1:20,000

SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y-COORDINATE LONGITUDE OR X-COORDINATE		DISTANCE FROM GRID IN FEET, OR PROJECTION LINE IN METERS		DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS		FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS
			FORWARD	(BACK)	FORWARD	(BACK)		FORWARD	(BACK)	
DA-103-1936	Fla. C.S. Dade Page 8	N.A. 1927	459,427.79		9,427.79			2873.6	(174.4)	
DA-102-B-1936	"	"	695,946.13		5,946.13			1812.4	(1235.6)	
			459,321.15		9,321.15			2841.1	(206.9)	
DA-102 A-1936	"	"	693,257.69		3,257.69			992.9	(2055.1)	
			459,164.21		9,164.21			2793.3	(254.7)	
			690,106.26		106.26			32.3	(3015.7)	

1 FT. = 3048006 METERS
COMPUTED BY: R. Dossett

DATE 19 March 1947

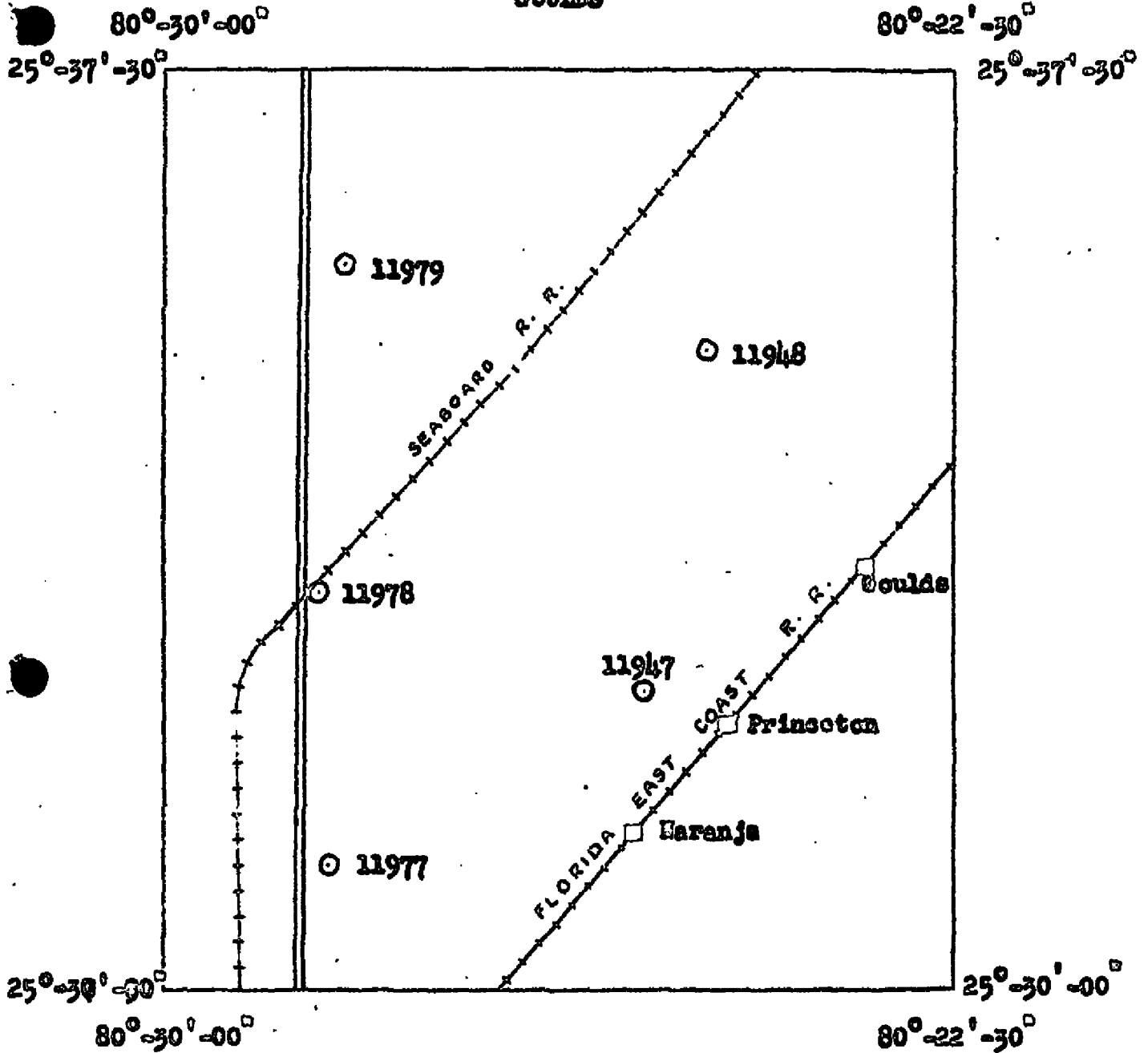
CHECKED BY: E. C. Andrews

DATE 20 March 1947

M-2368-12

QUADRANGLE 2-8437

"GOULDS"



The following nine lens photographs (1:20,000), are to be used for: RECOVERY, FIELD INSPECTION, SECTION CORNERS, POLITICAL BOUNDARIES, and for any additional CONTOURING not covered by the C.D.A. contours.

11947 - 11948 - 11977 - 11978 - 11979

FIELD INSPECTION REPORT

TO ACCOMPANY

QUADRANGLE 8437
GOULDS

PROJECT - CS-312 B

31 January 1947

1-DESCRIPTION OF THE AREA:

This standard $7\frac{1}{2}$ minute quadrangle, index No. N2530-W8022. 5/7.5, lies in the southern part of Dade County, Florida. It is an interior quadrangle, containing no shoreline; the area is comparatively flat, lying for the most part between the 5-foot and 15-foot contours. Occupational pursuits within the area of this quadrangle are primarily agrarian, with extensive, winter vegetable farming in the lower, "marl" portions, and numerous citrus and avocado groves in the higher portions. There are numerous packing and shipping warehouses along the Florida East Coast Railroad and the Seaboard Railroad, the two railroads which cross the quadrangle. The strips of relatively low-lying marl are former glades, which through artificial drainage have been made suitable for cultivation during the dry season, roughly October through April; they are too wet for farming during the balance of the year. The groves are in the higher areas, which were originally covered by the pine-growth which still characterizes the undeveloped sections; this higher terrain is generally coral-rock with very little top-soil. The north-central and north-western parts of the quadrangle are at the fringe of the glades, in the zone of gradual transition from the higher pineland to the gladeland. The principal highways are U.S. Hwy. 1 and State Hwy. 27, with a network of good, secondary roads covering most of the quadrangle. The unincorporated communities of Goulds, Princeton, and Naranja, lying along U.S. Hwy. 1 in the southeastern part of the quadrangle, are the principal population centers; however, the entire central and southwestern sections are, for a rural area, relatively densely populated.

2-COMPLETENESS OF FIELD INSPECTION:

The field inspection for clarification of all details has been completed with the following exception: new buildings and cleared areas which have appeared since the photographs were taken. The greater part of the field inspection was done in the 1945-46 season on the 1942 photographs; the 1946 photographs for this quadrangle were not available at the time that the field inspection was completed. Since these newer photographs were known to cover the area it was believed best to leave these new buildings and clearings for compilation therefrom, since they would be readily apparent. There is much building and clearing of land for new groves going on at present, hence the Field Edit Survey, in addition to checking the new details to be taken from the 1946 photographs, will find many new houses and clearing. The field inspection was done on photographs Nos. 11947, 11948, 11977, 11978 and 11979.

3-INTERPRETATION OF PHOTOGRAPHS:

The pineland appears on the photographs as a medium-gray background against which the pine shows as a variation from the sparse, dark-gray speckling of the scattered pine to the dense, dark-gray speckling of the heavier stands. There are a few hammocks, having a uniformly-dark-gray, somewhat mottled appearance, and consisting of extremely dense, "jungle" growth of mixed trees, brush and vines. The distinctive strips appearing, at first glance, to represent a large drainage pattern of the photographs, are strips of loam, slightly lower than the surrounding terrain, which have been adapted to dry-season cultivation. The gladeland in the northwest corner of the quadrangle has a comparatively light, even "grassy" tone, with occasional trees and brush hammocks showing as darker spots.

4-HORIZONTAL CONTROL:

One C. & G.S. triangulation station, PERRINE, 1934, was recovered and identified. The balance of horizontal control for the quadrangle consists of traverse stations established by the Florida Geodetic Survey, a Civil Works Administration project, in 1934-36, under the direction of B. R. VanLeer. These stations were established with specifications for second-order accuracy for the principal traverse lines, and third-order for the secondary lines; the order of accuracy, where less than 2nd-order, is noted on each station description. A sufficient number of traverse stations was identified on photographs Nos. 11947, 11948, 11977, 1198 and 11979 to control the radial plot. No supplemental control was required.

5-VERTICAL CONTROL:

All vertical control for contouring was taken from the numerous B.M.s recovered and identified on photographs Nos. 11947-8 and 11977-9. All vertical control was established by the C. & G.S. or by the Florida Geodetic Survey. The Florida Geodetic Survey levelling was accomplished, except for a few lines that failed to close within the allowable limits, with third-order accuracy; elevations for the third order B.M.s are given in the descriptions to three decimals in feet, for B.M.s of less than third-order to two decimals. Elevations are in feet, based on the Sea-Level Datum of 1929.

6-CONTOURS AND DRAINAGES:

The entire quadrangle was covered by planetable surveys, showing one-foot contours, made by the Civil Works Administration. These contours were tested for accuracy during the 1945-46 season and were found to be acceptable with the exception of contour details around man-made features, as reported by J. K. Wilson in "Revision Contouring, C.W.A., Dade County, Project CS 312 B"; which see. Photostatic copies of the C.W.A. planetable sheets, at mapping scale for this project, were furnished the field party. The five-foot interval contours, where acceptable without change, were inked in red on the photostats. Corrections to the C.W.A. contours, principally around man-made features, were made in the field by planetable

the additions being shown in violet ink, deletions in green. The majority of the necessary changes were made directly on the photostatic copies of the C.W.A. sheets, with the balance of the changes, particularly in the SE part on the photographs. A planetable traverse was run along the western boundary of the quadrangle: starting point CE 153, 1936 (Fla. Geod. S.); closed on CF 18, 1936(Fla.Geod.S.) 0.6 foot low. Adjustments were made before the elevations were inked on the photographs.

All contours are on Sheets 16, 17, 18, 19, 20, 21, 28, 29 and 30 of C.W.A. Quad. 266 (Perrine Quad.) and on photographs Nos. 11947, 11948, 11977 and 11978. There is no natural drainage in this area; all drainage is either seepage through the porous sub-surface strata or artificial.

7-MEAN HIGH-WATER LINE:

Not applicable-inshore quadrangle.

8-LOW-WATER LINE:

Not applicable-inshore quadrangle.

9-PIERVES AND SHORELINE STRUCTURES:

Not applicable.

10-DETAILS OFFSHORE FROM HIGH-WATER LINE:

Inapplicable

11-LANDMARKS AND AIDS TO NAVIGATION:

Inapplicable

12-HYDROGRAPHIC CONTROL:

Inapplicable

13-LANDING FIELDS AND AERONAUTICAL AIDS:

The Naval Air Station, Richmond, located in the northeast corner of the quadrangle, is used at present only as an emergency landing mat for Naval planes and blimps. There are no other landing fields, and no aeronautical aids, within the quadrangle.

14-ROAD CLASSIFICATION:

All roads have been classified on the field inspection photographs in accordance with "General Instruction-Classification and Compilation of Roads" dated 30 June 1945.

Road names, as actually marked at the intersections, have been noted on the photographs. U.S. Hwy. 1 (Homestead Hwy.) and State Hwy. 27 (Krome Rd.) are the only marked routes within the quadrangle.

15-BRIDGES:

There are no bridges over navigable waters in this quadrangle.

16-BUILDING AND STRUCTURE:

All buildings to be shown, with the exception of new construction noted in paragraph 2, have been circled in red ink on the field inspection photographs. Buildings not to be shown have been deleted by green crosses. All public buildings have been labelled.

17-BOUNDARY MONUMENTS AND LINES:

The quadrangle lies entirely within Commissioners District 4, Dade County, State of Florida. Parts of Election Precincts Nos. 87, 88, 89 and 90 lie within the quadrangle limits; legal descriptions of these precincts were copied from the Minutes of the County Commissioners, on file at the Dade County Courthouse, Miami, and are included with this report. A copy of the "Map Showing Voting Precincts and Commissioners Districts in Dade County, Florida", obtained from the Dade County Engineer's Office is submitted; this map was checked against the descriptions of the precincts and found to be correct, and contains all information needed for compiling the precinct boundaries. There are no monuments on the precinct lines other than section corners where section lines are the boundary lines; all section corners were searched for, and those recovered identified as such. The limits of the Naval Air Station, Richmond, are shown on the "U.S. Naval Air Station, Richmond, Florida, Annual Report Plan", a print of which is submitted. The boundaries as shown on this plan were checked in the field and found correct. It should be noted that, while this Reservation remains at present under the jurisdiction of the Navy its future status is undecided. At this time the Coast Guard is operating the radio station in the northeast corner of the reservation, and the University of Miami is using some of the buildings for classes and living quarters ("South Campus Branch, Univ. of Miami"), while the Navy maintains only a skeleton maintenance and security complement on the Station. The Field Edit Survey should determine what definite disposition will be made of the Reservation, if such information be available at that time.

The property limits of the University of Florida, Sub-Tropical Experiment Station, were obtained from the files of the Headquarters Office at the Station. The limits were determined on photograph No. 11977 in the field, and copy of the description is included in this report.

There are no incorporated villages within the quadrangle limits.

18-GEOGRAPHIC NAMES: 8.14 ✓

A special report on this subject for Project CS 312 B has been submitted by Lowell I. Bass. *Filed in Geographic Names Section - Div. Charts.*

19-TOPOGRAPHIC STATIONS:

Three section corners were recovered and described on as Recoverable Topographic Stations. There are no other such stations within the quadrangle.

20-PUBLIC LAND LINES:

In addition to the section corners noted under "19" above all section corners were searched for, and all recovered corners identified. All but the above three corners were located as traverse stations by the Fla. Geod. S.; recovery cards and picking cards for those stations will serve to identify the section corners. It is believed that sufficient corners have been recovered to permit satisfactory construction of the section lines except in the northwestern corner of the quadrangle. The best information available is that T55S-R38E and T56S-R38E (except as shown on the Dade County Topographical Map of 56-38) are not monumented, and have not been surveyed by the G.L.O. or any approved agency or surveyor (see addenda to Field Edit Report, Quad. T-8436). It is recommended that all of T55S-R38E and all of T56S-R38E not shown on the Dade County Map thereof be omitted from the Map, and the area labelled "Unsurveyed by G.L.O."

James H. Clark
James H. Clark *ms*
Name

Engineering Aid
Title

Approved and Forwarded:

Ross A. Gilmore
Ross A. Gilmore
Chief of Party

REVISION CONTOURING C.W.A. DADE
COUNTY PROJECT C.S.-312 B
QUADRANGLES T-8430, T-8431,
T-8432, T-8433, T-8434, T-8435,
T-8436, AND T-8437

The revision survey of the C.W.A. contours was made by Joseph A. Wilson, Principal Photogrammetric Aid, under the immediate supervision of G. E. Varnadoe from September 24, 1945 to January 1, 1946. Vertical accuracy tests were also run during this period.

1. DESCRIPTION OF THE AREA:

The revision of these quadrangles covers an area chiefly in Dade County.

This section of Florida is in general a low flat area with elevations ranging from sea level to 20 feet. The drainage greatly consists of canals and man-made ditches.

2. METHODS:

The revision of the contours was done on photographic prints of the original C.W.A. plane-table sheets of Dade County, except the quadrangle T-8437 where three photostat copies of negative prints were used. The photographic prints proved to be of very good scale where the photostats were slightly off scale and a small factor was applied. This work was accomplished by a two-man party. All roads were traversed by truck, and a visual inspection was made of the contours. Evidently when these contours were run by the C.W.A., except on a very few sheets, they disregarded the super-elevations of roads, railroads, fills, etc. Special attention was given these areas. In some cases it was possible to correct these contours visually, but where there was any doubt they were corrected by the use of a hand level and topc rod, and where necessary a plane-table was used.

Where extensive changes have taken place such as borrow pits, spoil banks, etc., they were noted on the C.W.A. sheets to be contoured on a photograph at a later date and also in some instances where the contours could not be cleaned up except by extensive plane-table work, this too was marked and left to be done by the contour party when contouring borrow pits, etc.

All contours visible from the roads were examined for shape and relative position.

The original contours of the C.W.A. proved to be very good (see accuracy tests below) and have been inked in red while the corrections to these contours have been shown with purple ink. Where contours are too congested to be drawn, i.e., along fills, canals, etc., the turning points have been shown and sufficient notes made so that the contours can be shown accurately. These notes are self-explanatory.

3. VERTICAL ACCURACY TESTS:

An accuracy test has been run in each of the quadrangles mentioned above. This work was done by a four-man planetable party. These tests were done on the sheets mentioned above. These tests started at a bench mark and closed at a bench mark. All tests closed within 0.3 of a foot.

While running these tests the scale of the C.W.A. prints was found to be very good except for a negative print used in quadrangle T-8437 which had a small factor. Also it was found that the C.W.A. contours are very good both in shape and position.

The accuracy tests in respect to their sheet number are listed as follows:

T-8430 - sheet 261-4	T-8434 - sheet 267-6
T-8431 - sheet 260-11	T-8435 - sheet 266-11
T-8432 - sheet 260-23	T-8436 - sheet 266-9
T-8433 - sheet 261-30	T-8437 - sheet 266-28 NP

4. JUNCTIONS:

Junctions were made with the respective sheets of the C.W.A. and they were in good agreement.

A junction has been made with quadrangle T-8428, which has been contoured by the Coast and Geodetic Survey, and these contours were found to be in good agreement.

Respectfully submitted,

Joseph K. Wilson,
Photo. Aid

Approved and forwarded:

George E. Morris, Jr.
Chief of Party

VOTING PRECINCTS DADE COUNTY

Minutes County Commissioners

Book 21 Page 180-181

Passed and adopted this 27th day of Nov. 1945

Deed Book 2594, Page 407

Precinct No. 87

Bounded on the North by the North line of Section 24-55-39 and the North line of Section 19 through 24, Twp. 55-South, Range 40 East (Howard Drive), and the North line of Section 19-55-41 and its production Easterly; Bounded on the South by the South line of Section 1-56-39 and the South line of Section 6 through 2, Twp. 56 South Range 40 East and the Easterly production of the South line of Section 2-56-40 to the Southeasterly Boundary line of Coral Gables, thence South Easterly and Easterly along the Boundary line of City of Coral Gables to the Eastern Boundary line of the State of Florida. Bounded on the East by the Eastern Boundary line of the State of Florida; Bounded on the West by the West line of Sections 24, 25, and 36 of T55S-R40E, and the West line of Section 1, T56S-R40E.

Precinct No. 88

Bounded on the North by the Easterly production of the South line of Section 2, T56S-R40E and the south line of Sections 2 through 6, T56S-R40E and Section 1, T56S-R39E to the southwest corner thereof, thence north along the west line of Section 1, T56S-R39E and continuing north along the west line of Sections 25, T55S-R39E, and 25, T55S-R39E, to the southwest corner of Section 24, T55S-R39E, thence west along the south line of Section 23 through 19 of T55S-R39E (Coral Reef Drive, extention) and continuing west along the south line of Sections 24 through 19 of T55S-R38-37E, thence continuing west through the unsurveyed area on the westerly production of the south line of Section 19, T55S-R37E; bounded on the South by the centerline of Silver Palm Drive and its extensions east and west along the section lines or their productions; bounded on the East by the southwestern boundary of the City of Coral Gables across Biscayne Bay; bounded on the West by the western boundary of Dade County.

*Corrections in Red, made
by Wm.A. Rasure 5 May 1947*

VOTING PRECINCTS, DADE COUNTY

Precinct 89

Bounded on the north by the centerline of Silver Palm Drive and its extension west along the section lines or their productions; bounded on the South by the centerline of Biscayne Drive and its extension west along the quarter-section lines or their productions; bounded on the East by the centerline of Farm Life School Road; bounded on the West by the western boundary of Dade County.

Precinct 90

Bounded on the North by the centerline of Silver Palm Drive and its extensions east along the section lines or their productions; bounded on the South by the centerline of Biscayne Drive and its extensions east along the quarter-section lines or their productions; bounded on the East by the centerline of the Intracoastal Waterway; bounded on the West by the centerline of Farm Life School Road.

Note: Voting precincts will not be shown on the published map 1939

PROPERTY LIMITS

UNIVERSITY OF FLORIDA - SUB-TROPICAL EXPERIMENT STATION

(The following letter giving the limits of the station was copied from the file copy of the Experiment Station Office):

March 6, 1945

Mr. L. A. Jones
Chief, Division of Drainage & Water Control
Soil Conservation Service
Washington 25, D. C.

Dear Mr. Jones:

I have a letter from Mr. John C. Stephens requesting that we send to you the legal description of the land on which the Sub-Tropical Experiment Station is located.

The Headquarters property is located as follows: SW quarter of SE quarter, NW quarter of SE quarter, E half of the SE quarter of SW quarter, and E half of the NE quarter of SW quarter in Section 35, Township 56 South, Range 38 East, Dade County, Florida.

We have two other parcels of property. A 30-acre farm is located in Section 11, T58S, R38E, and a 20-acre farm is located in Section 18, T57S, R39E, but we do not have the legal descriptions of these properties.....

Very truly yours,

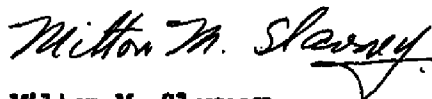
Geo. D. Ruehle
Vice-director in charge

SUPPLEMENT TO REPORT
ON
MAIN RADIAL PLOT FOR T-8437

Recovery cards of fifty Florida Geodetic Survey Stations were received in the Tampa office on 18 March, 1947. These control stations are uniformly distributed through quadrangle T-8437 and when plotted on the map manuscript provided an excellent check on the main radial plot and the compilation of the quadrangle.

All pass points and well defined cultural features checked were within the limits of accuracy desired at the compilation scale. The checks to cultural features included reference measurements to highway centerlines and intersections.

Respectfully submitted



Milton M. Slavney
Photogrammetric Engr.

Approved and Forwarded:



George E. Morris, Jr.
Chief of Party.

COMPILATION REPORT
TO ACCOMPANY
"GOULDS" QUADRANGLE NO. T-8437

26 & 27 CONTROL AND RADIAL PLOT:

See report by B.H. Lyon which was submitted with quadrangle No. T-8436. A supplement by M.M. Slavney, is being submitted at this time.

28 DELINEATION:

The compiling of this map manuscript was begun in September 1946. At that time only about three fourths of the quadrangle had been field inspected. The field party was ordered north before its completion could be effected. The completion of the compiling was held in abeyance until ^{reception} of completed field inspection, which occurred during March 1947.

During the interim between the two field inspections some changes in cultural features occurred. These changes were noted by the most recent field inspector who referred the compiler to the new 1946 photographs. See paragraph two of Field Inspection Report. It is probable that the compiler has omitted some new features that may show on the new photographs due to uncertainty about their actuality or permanence. It is recommended that the field editor give particular attention to the foregoing. *Field editor - please note. sm*

In the portion of this map manuscript compiled during September 1946 the woodland areas were symbolized according to instructions dated 30 June 1945. The most recently delineated woodland areas have been symbolized according to instructions dated 10 December 1946. Should the Washington Office want the symbolization consistent throughout the sheet the necessary corrections will be made at the time of the field edit. *Not necessary. sm*

The field inspection was very good particularly the most recent which corrected some errors of the 1946 field inspection and recovered additional traverse stations and section corners.

In transferring contours from CWA prints the immediate details nearest to the contour being drafted were held for control. This was done because it is believed that such details were held in the field at the time the contouring was done.

29 SUPPLEMENTAL DATA:

The plans of the U. S. Naval Air Station, Richmond, Florida, and a map showing voting precincts and county commissioners districts in Dade County submitted by the field inspector were used to supplement the photographs.

30-35 INCLUSIVE:

Not applicable.

36. LANDING FIELDS AND AERONAUTICAL AIDS:

See Field Inspection Report.

37 BRIDGES:

There is no navigable water within the limits of this map manuscript.

38 SECTION CORNERS:

Fifty-six section corners have been shown on the map manuscript according to instructions.

39 JUNCTIONS:

Attention is called to the junctions made with quadrangles T-8436 and T-8438. Discrepancies, due to differences of opinion in interpretation by the field inspectors have been noted on the discrepancy overlay.

It is requested that the Washington Office make these corrections where necessary since T-8436 and T-8438 have been completed and forwarded to that office.

This should not be done; however, until T-8437 has been field edited.

Attention
Reviewer

Sm

OK

44 COMPARISON WITH EXISTING TOPOGRAPHIC QUADRANGLES:

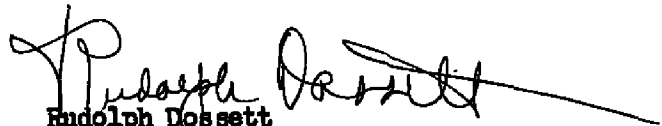
A comparison was made with the CWA sheets of quadrangle No. 266 which cover this map manuscript.

Principal highways and railroads were in good agreement. Side roads were found to be out of position in most cases. New construction and new clearings for cultivation also were noted.


45 COMPARISON WITH NAUTICAL CHARTS:

Not applicable-inshore quadrangle.

Respectfully submitted,


Rudolph Dossett
Photogrammetric Aid

Approved and Forwarded:


George E. Morris, Jr.
Chief of Party.

FIELD EDIT REPORT

TO ACCOMPANY

QUADRANGLE T-8437

"GOULDS"

PROJECT GS-312-B

The field edit of this quadrangle was completed during June, 1947, by John D. Weiler, Photogrammetrist.

46. METHODS

In field editing the map manuscript all roads were traversed by truck; walking was necessary in only a few instances. All cultural data added to the map manuscript was plotted from topographic features or cut in by planetable methods.

47. ADEQUACY OF THE MAP MANUSCRIPT

The map manuscript was adequate and correct except for numerous changes made since the date of the original field inspection, and numerous details omitted in the compilation.

Most of the changes noted were in vegetation classification. Numerous clearings and new grove plantings have been plotted on the field edit sheet. Numerous houses identified by the original field inspection were omitted by the compiler.

In the southwest corner of the quadrangle, along Redland Road, there is an obvious error; the houses fall too close to the road in a consistent manner. It would appear that the road has been moved east and the houses not corrected accordingly. This area has been noted on the field edit sheet and its compilations should be checked.

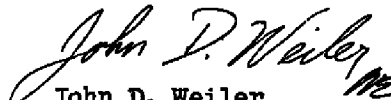
Attention is called to the U. S. Naval Air Station at Richmond. The University of Miami has a three-year lease on the buildings. The Dean of the University suggested that the name "University of Miami, South Campus" be shown in parentheses after the name of the Air Station. This appears to be the most satisfactory solution.

The school at Redland is both an elementary and a high school; the correct name should be "Redland District School".

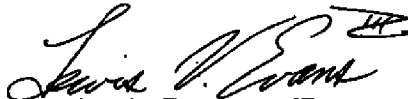
48. VERTICAL ACCURACY TEST

The vertical accuracy test was run as part of the revision contouring of C.W.A. planetable sheets; see report by Joseph K. Wilson.


The map manuscript was not reviewed by any detached individual since the area covered was very familiar to Earl Jackson, driver for the field edit party.


John D. Weiler
Photogrammetrist

Supervised:


Lewis V. Evans, III
Lieut. (jg), USC&GS

APPROVED AND FORWARDED:


Ross A. Gilmore
Chief of Party

NOTES TO COMPILER
TO ACCOMPANY
QUADRANGLE T-8437

1-HORIZONTAL CONTROL:

All the C.W.A. stations not previously recovered were searched for and recovery notes submitted. C. & G.S. Triangulation Station Perrine, 1934 was recovered and identified, as were all recovered C.W.A. Stations, not previously identified, which are also section corners. The balance of the C.W.A. stations were inked on photos for use as vertical control only; since the radial plot had been laid prior to the 1946-47 field work no horizontal control, except as noted, was identified. All recovered traverse stations should be plotted and shown as such. ✓

2-QUESTIONS ON OZALID PRINT OF PRELIMINARY COMPILATION:

It is believed that all questions have been answered with references to photo or plan involved. ✓

3-ROAD CLASSIFICATION:

It was found that many of the secondary roads were incorrectly classified in the 1945-46 field inspection; these were corrected on the photographs. In general, many "Rd'2" were classified "Rd.3"; the compilation should be corrected per changes on photos. The photographs show what appear to be many field roads; those that are passable within reason, and appear to be permanent have been classified. All other apparent field or woods roads have been deleted in green and should be omitted. Many apparent roads around the groves are merely cleared lines, not roads at all. Many of the roads showing through the vegetable-growing strips are only tracks between patches of cultivation, and are subject to frequent changes; they should not be shown. ✓

4-HANGAR PIERS, N.A.S., RICHMOND:

Attention is called to the 6 piers of the old hangars at the Naval Air Station (3 hangars, 2 piers each). These reinforced-concrete structures, remains of the blimp hangars destroyed in the 1945 hurricane, are still intact and will, no doubt, remain so until demolished; they are prominent features in the vicinity and since no plans for their removal are in effect they should be shown. The location, as well as the nature and shape of these structures will be obvious on photo 16339. ✓

This photo is not listed in data record. Other 16000 series should be added to data record. *See Data Record Review*

5-PUBLIC LAND LINES:

The question of section corners is something that seems to afford no concrete solution. There seems to be no source of definite, authoritative information as to the authenticity of markers; the corners have been set at various times by various agents, some marks by the State Road Dept., some by private engineers in connection with land-development surveys, and apparently have been "generally accepted" as section corners, although no official confirmation can be obtained. Even the C.W.A. stations described as section corners were so designated, as far as can be determined, because, the party chief "knew them to be accepted corners". One private engineer expressed the opinion that he---"doubted if there was a single, original GLO corner in the area"; how closely the existing corners conform to the original surveys is a question no one will attempt to answer.

The township maps, compiled by the Dade County Engineer from the C.W.A. data, show section lines, but no definite section corner information. Copies of the maps have been submitted with the field records for the quadrangle, but should be used as a guide only, not as official township plats. They give an indication whether section line follow roads as ditches, but only that much.

The local engineers and surveyers apparently are as much at a loss as we; they are forced to accept whatever corners they can find, altho if a dispute were to arise they might find it very difficult to prove a corner to be correct beyond doubt. The controlling factors in use are the general acceptance of corners, and land tenure.

It should be noted that the section is not of necessity 4-sided, but may be an 8-sided figure, with deflections in the lines at the quarter corners. This condition is frequently apparent where roads along the section lines have a change in alignment of the quarter-section points.

6-RAILROAD SIDINGS:

The numerous RR sidings along the FEC RR could not be shown clearly on the photos. A larger-scale sketch was drawn on the backs of photos 11947 and 11948, showing the general appearance of the sidings, with switch-points identified on the photos and keyed to the sketches.

7-CWA PLANETABLE SHEETS:*Filed in Div. Photogr. Gen. Files*

Note that there are two prints each of sheets 28, 29, and 30. Because of reproduction and congestion of details both prints of each sheet were used; sufficient cross-references have been made to insure that no contours changes should be missed.

Lewis V. Evans III
LEWIS V. EVANS, III
LT.(jg) U.S.C. & G.S.

Approved and Forwarded:

Ross A. Gilmore
ROSS A. GILMORE
Chief of Party

QUADRANGLE T-8437
PROJECT CS-312-B

PUBLIC LAND LINES:

Section lines have been shown on the front of the map manuscript in red acetate ink. The number of each section has been inked in its approximate center.

No difficulty was encountered in constructing the lines due to the abundance of section corners recovered and existing detail along section lines. The recovered corners and detail along section lines are not in agreement with the General Land Office plats; however, since the plats of surveys made by the General Land Office around 1845 have proven to be inaccurate, they were disregarded.

A portion of T55S, R38E falls in the northwest part of the quadrangle and has been labeled "Unsurveyed by General Land Office", (Reference paragraph 20 of the Field Inspection Report). T56S, R38E was surveyed by the General Land Office in 1845 and labeled the "Jackson Survey". Lines were constructed in this township. (Reference the previously mentioned report).

T57S, R40E was surveyed by the Internal Improvement Fund of the State of Florida but only a small portion of section six in this township falls within the limits of this quadrangle.

The lines are believed to be correct as constructed and no further investigation needed by the field edit party.

Respectfully submitted,

William A. Rasure
William A. Rasure,
Photogrammetric Engineer.

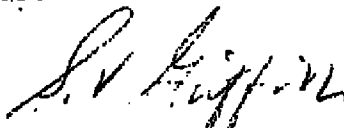
Approved and Forwarded:

George E. Morris, Jr.
George E. Morris, Jr.
Chief of Party.

The Florida State Mapping Program, conducted under CWA and PVA Programs, re-established the General Land Office scheme, resetting General Land Office monuments and measuring lines, which are of record in county engineer's offices throughout the state.

The field parties of this Bureau have utilized this information in connection with establishing the General Land Office data on the maps in project CS-312.

Where this information has been used, it has been found that it does not always check exactly with the old General Land Office plats. However, so many corners were recovered, and the system fits very closely to the established corners, the errors seem to be in the original survey measurements.



S. V. Griffith
Chief, Review Section

Division of Photogrammetry
Review Report of
Topographic Map Manuscript T-8437

Subject numbers not used in this report have been adequately covered in other parts of the descriptive report.

28. Detailing.--

Some features inadvertently omitted during the application of the field edit sheet to the map manuscript were added. These included several buildings, a few woodland boundaries, and an error in transferring a benchmark elevation. The symbols for woodland areas were left as originally compiled. No attempt was made to revise them to agree with Photogrammetry Instructions No. 15, dated 6-16-47.

Road classifications were left as originally compiled and do not follow Photogrammetry Instructions No. 10, dated 4-14-47.

A drafting overlay has been prepared, by the reviewer, to aid in the smooth drafting and editing of this quadrangle. Marginal data on this overlay includes notes referring to woodland and road classifications. The drafting overlay has been revised to agree with the ~~most recent~~ instructions of 1948.

39. Junctions.--

The junction to the south, with T-8817 on Project Ph-10(46) could not be checked as the map manuscript for that quadrangle was at the Tampa Compilation Office for application of field edit corrections at the time of this review.

Junction checked.

KVM

48. Accuracy Tests.--

The vertical accuracy test for this quadrangle meets the project specifications. It will be found on sheet 266-28 of the S.W.A. surveys. It is believed that this map complies with the national standard map accuracy requirements.

Reviewed by:

Reviewed under direction of:

K. N. Maki

K. N. Maki
11-14-47

S. V. Griffith

S. V. Griffith
Chief, Review Section

APPROVED BY:

B. J. Jones 4/3/48
Technical Assistant to the
Chief, Div. of Photogrammetry

H. J. Green
Chief, Nautical Chart Br.
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

C. K. Green
Chief, Div. of Coastal Surveys

GEOGRAPHIC NAMES

Survey No. T-8437

GOULDS, Fla.

1 Name on Survey

	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	
	A	B	C	D	E	F	G	H	K
<u>Florida</u>									USGB 1
<u>Dade County</u>									2
<u>Florida East Coast</u>									3
<u>Seaboard</u>									4
<u>U.S. No. 1</u>									5
<u>State No. 27</u> Krome Avenue									6
									7
									8
<u>Waldin Drive</u>									9
<u>Moody Drive</u>									10
<u>Coconut Palm Drive</u>									11
<u>Princeton</u>									12
<u>Naranja</u>									13
<u>Naranja Road</u>									14
<u>Naranja Cemetery</u>									15
<u>Bauer Drive</u>									16
<u>Pine Island Road</u>							DRIVE		17
<u>Tallahassee Road</u>									18
<u>Newton Road</u>									19
<u>Farm Life School Road</u>									20
<u>Tennessee Road</u>									21
<u>Redland Elementary School</u>						SEE FIELD EDIT REPORT			22 ?
<u>McMinn Road</u>							McMinn?		23 ?
<u>Bauer Drive Hammock</u>									24
<u>St. Johns Church</u>									25
<u>Roberts Road</u>									26
<u>Redland Road</u>									27

GEOGRAPHIC NAMES

Survey No. T-8437

2	Name on Survey											
		A	B	C	D	E	F	G	H	K		
	<u>University of Florida Sub-Tropical Experiment Station</u>											1
	<u>Spence Drive</u>											2
	<u>Plummer Drive</u>											3
	<u>Redland Community Church</u>											4
	<u>Homestead Fruit and Spice Grove</u>											5
	<u>Silver Palm Drive</u>											6
	<u>Rohrer Road</u>											7
	<u>Silver Palm</u>											8
	<u>Kingman Road</u>											9
	<u>Aladdin City</u>											10
	<u>Hainlin Mill Road</u>											11
	<u>Goulds</u>											12
	<u>Black Point</u>	according to names report, only thing left is a packing house, so omit										13
	<u>112th Road</u>											14
	<u>Bush Drive</u>											15
	<u>Talbot Road</u>											16
	<u>Quail Roost Drive</u>											17
	<u>Vahlin Drive</u>											18
	<u>Lindgren Road</u>											19
	<u>South Miami Heights</u>											20
	<u>Eureka Drive</u>											21
	<u>Lindgren</u>											22
	<u>Tropico Road</u>											23
	<u>U.S. Naval Air Station</u>											24
	<u>Richmond</u>											25
	<u>Richmond Drive</u>											26
												27

*Names underlined in red are approved.
3/3/48 L. Heck*

T-8437

1. T-8437 will be smooth drafted, published, and distributed by the Geological Survey.

2. The following data for T-8437 may be needed from time to time either in the U. S. Geological Survey or the Coast and Geodetic Survey. They are filed and may be obtained as follows:

- (a) Original manuscript corrected after field edit. - The manuscript is being forwarded to the Geological Survey at this time for smooth drafting. It will be eventually returned to the Coast and Geodetic Survey and will be filed in the Division of Photogrammetry. Meanwhile, it may be obtained from the Geological Survey if needed for nautical chart correction or other purposes.
- (b) Field edit sheet. - The field edit sheet is filed in the Division of Photogrammetry. It will be loaned to the Geological Survey or other Divisions of the Coast and Geodetic Survey upon request.
- (c) Descriptive report. - The descriptive report, together with a 1:20,000 scale photographic print of the manuscript (a above), is being registered in the Coast and Geodetic Survey archives at this time. When T-8437 is published, a cloth-backed color print will also be registered. The descriptive report will be withdrawn from the archives and loaned to the Geological Survey upon request.

B. G. Jones

B. G. Jones
Technical Assistant to the
Chief, Div. of Photogrammetry
March 16, 1948

NAUTICAL CHARTS BRANCH

SURVEY NO. 8437

Record of Application to Charts

DATE	CHART	CARTOGRAPHER	REMARKS
<i>3/24/50</i>	<i>1249</i>	<i>H.D. Pleyman</i>	Before After Verification and Review <i>No correction - until chart is reconstructed.</i>
			Before After Verification and Review
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A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.