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1958

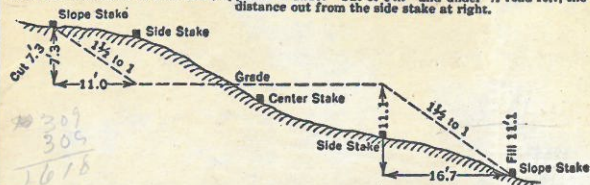
COUNTY

Gilerist
POLK

18

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Fill
	Distance out from Side or Shoulder Stake										
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

KEUFFEL & ESSER CO., N. Y.

FLORIDA
GEOLOGICAL
SURVEY

BOX 631

Tallahassee, Fla.

The paper in this book No. 370 A
is made of 50% high grade rag stock
with a WATER RESISTING surface sizing.

Level - B. Woeden

Rod - R. Godbold

Index:

(on last page)

*Gilcrest County

Polk County

*(Two Profiles)

(1) USC GS - UF

Gilcrest Co

Sta	+BS	HI	-FS	Elev.	Dist.
BF54	8.44	59.20	6.93	50.76	200.0
TP ₁	7.33	59.60	3.91	52.27	309.0
TP ₂	8.13	63.92	6.85	55.69	618.0
TP ₃	3.61	60.58	2.20	56.97	540.0
TP ₄	4.85	63.23	5.07	58.38	558.0
TP ₅	2.01	60.17	3.52	58.16	840.0
TP ₆	7.62	64.27	4.94	58.65	450.0
TP ₇	6.16	65.49	9.13	59.33	1650.0
TP ₈	5.50	61.86	4.40	56.36	1050.0
TP ₉	9.31	66.77	5.50	57.46	900.0
TP ₁₀	5.11	66.38	1.87	61.27	600.0
TP ₁₁	0.76	65.27	9.22 27	64.51	920.0
TP ₁₂	10.30	66.35	4.00	56.05	900.0
TP ₁₃	3.43	65.78	0.38	62.35	900.0
TP ₁₄	3.91	69.31	2.40	65.40	900.0
TP ₁₅	8.41	75.32	9.19	66.91	900.0
				66.13	

June 4, 1958

Hot & Cloudy

Leveling from BM Trenton BF 54
to Swamp (bearing N 75° E)

TP₃ change bearing to Due E on
dist road

TP₆ change bearing to N 45° E

TP₁₀ change bearing to Due N
TP₁₁ " " to Due E

Profile #2

(2) USC 465 - UF

Gilcrest Co

June 4, 1958

Hot & Cloudy

Sta.	BS	HI	FS	Elev.	Dist.
TP ₁₆	5.80	71.93	3.82	66.13	720.0
TP ₁₇	3.82	71.93	5.58	68.11	348

Reference

TP ₁₈	6.42	72.77	1.93	66.35	
TP ₁₉	1.32	72.16	8.52	70.84	
TP ₂₀	6.64	70.28	9.23	63.64	
TP ₂₁	6.05	67.10	10.90	61.05	
TP ₂₂	11.25	67.45	5.22	56.20	
TP ₂₃	2.98	65.2 ¹	3.90	62.23	
TP ₂₄	0.97	62.28	7.9 ⁷	61.31	
TP ₂₅	6.65	60.96	6.34	54.31	
TP ₂₆	2.92	57.54	6.34	54.62	
TP ₂₇	5.96	57.16	5.62	57.20	
TP ₂₈	8.15	59.69	6.08	51.54	
TP ₂₉	2.43	5 ⁶ 5.04	2.41	53.61	
BF 54	5.25	58.88	8.99	53.63	
				49.89	

Edge of Swamp - white sand

Check BS FS Elev. diff.

171.49 172.36 50.76

171.49 49.89

.87

.87

Check

(3) USC&GS-UF

Gilcrest Co.

June 5, 1958

Hot & Cloudy

STA.	⁺ BS	HI	⁻ FS	Elev	Dist.
BF66	0.43	54.28	11.59	53.85	—
TP₁					
TP ₁	10.90	53.59	0.32	42.69	—
TP ₂	9.65	62.92	7.92	53.27	435
TP ₃	11.66	66.66	0.22	55.00	1395
TP ₄	2.92	69.36	12.18	66.44	330
TP ₅	3.7 ³ X	60.9 ¹ X	8.00	57.18	1041
TP ₆	11.59	64.50	4.40	52.91	2130
TP ₇	9.12	69.22	0.70	60.10	1314
TP ₈	9.53	78.05	1.04	68.52	1446
TP ₉	5.18	82.19	5.21	77.01	1662
TP ₁₀	5.2 ¹⁹ X	82.16	4.23	76.98	1275
TP ₁₁	4.84	82.77	5.43	77.93	1795
TP ₁₂	9.62	86.96	2.23	77.34	1470
TP ₁₃	6.23	90.96	11.83	84.73	975
TP ₁₄	8.62	87.75	2.24	79.13	762
TP ₁₅	3.67	89.18	11.64	85.51	495
				77.54	

Start Profile #1 - at Hwy 49 -
heading East

Bearing dis S

Bearing dis E

(7)(4) USC 465 - OF Gikrest Co

STA	BS	HI	FS	Elev.	Dist
TP ₁₆	11.64	89.18	3.64	77.54	495
TP ₁₇	1.15	86.67	5.33	85.52 ⁸	—
CORNER Post	9.10	90.44	8.67	81.34	
TP ₁₈	4.63	88 ⁶ .40	9.85	82 ¹ .77	
TP ₁₉	4.51	88 ¹ .06	3.84	78 ⁶ .55	
TP ₂₀	4.32	88 ¹ .54	6.07	78 ⁷ .22	
TP ₂₁	1.13	78 ⁶ .60	9 ² .10	76 ⁵ .47	
TP ₂₂	3.10	70.60	11.10	67.50	
TP ₂₃	2.85	62.35	2.71	59.50	
TP ₂₄	4.65	64.29	8.50	59.64	
TP ₂₅	0.23	56.02	10.74	55.79	
TP ₂₆	0.73	46.01	8.37	45.28	
TP ₂₇	4 ⁵ .63	42 ³ .27	2.43	37.64	
TP ₂₈	11.97	52.81	0.01	52 ⁴⁰ .84	
BF 66 TP ₂₉				52.80	
TP ₃₀					

June 6, 1958

Hot & Clear

Edge of pond (swamp)
← Relax

SECTION CORNER post (RAYONICA)

SEC 5, T8S, R5E (SE CORNER)

check	BS	FS	Elev. D.H.
	178.51	179.56	53.85
		178.51	52.80
check		1.05	1.05

(10/5) Leveling to W-2869 Polk Co.

JUNE 8 1958

Hot & Cloudy

STA BS HI FS Ekv

Traverse #10

Bm DIS 4.06 134.97 7.93 130.915

TP₁ 2.17 129.21 6.19 127.04

TP₂ 5.10 128.13 3.52 123.03

W-2869 124.61

Retrace

TP₃ 3.52 128.13 4.74 124.61

TP₄ 6.19 129.57 2.54 123.39

TP₅ 7.69 134.72 3.73 127.03

Bm DIS 130.99

Leveling to W-3802 & W-3799

#(FSRD) HC₁ 2.52 173.29 4.34 170.774

TP₁ 1.79 170.74 10.68 168.95

TP₂ 2.39 162.45 3.95 160.06

W-3799 158.50

TP₃ 3.95 162.45 2.37 -

TP₃ 1.41 162.49 5.90 160.08

W-3802 158.59

Cement floor

+0.64 to top of cement

base of pump

BS FS Ekv Diff.

Chk ₆	28.72	28.64	130.99
	28.64		130.91
	.08		.08

Top of base by cement

Top of cement base - ground - 0.9

Cement floor

+0.30 to base of pump

~~49~~(6)

Traverse #10

Pike

June 9, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
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TP ₄	5.90	16 ¹ 2 .49	1.07	15 ⁵ 6 .59
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TP ₅	11.07	17 ¹ 2 .49	2.06	16 ⁰ 1 .42
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TP ₆	3.43	17 ² 3 .86	2.10	16 ⁹ 0 .43
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Bm Hc ^{#1}				170.76
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check	32.46		32.47	
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			32.46	
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			.01	
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← Retrace

check	Elev. diff	170.77
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		170.76
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		.01
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(40)(7) Traverse #10

Folk Co

June 10, 1958

Hot & Cloudy

Sta BS HI FS Elev

P17 4.93 165.90 3.35 160.97

W-2695 162.55

Retace

W-2695 3.17 165.72 4.75 162.55

P17 160.97

Leveling to W-3876 ~~131.81~~

U-19 4.60 136.41 3.06 131.81

TP₁ 4.63 137.98 6.17 133.35TP₂ 6.57 138.38 6.07 131.81TP₃ 4.98 137.29 5.02 132.31TP₄ 3.26 135.53 3.75 132.27

W-3876 131.78

Retace

W-3876 3.75 135.53 3.08 131.78⁸TP₅ 4.76 137.21 4.95 132.45TP₆ 6.44 138.70 6.60 132.26

132.10

Leveling to W-2695

Top of Cement floor

Check	BS	FS	Elev. diff.
	8.10	8.10	160.97
	8.10		160.97
	0.00		0.00

Top of Cement floor

(9) Traverse #10

Pole Co.

June 10, 1951

Hot & Cloudy

STA	BS	HI	FS	Elev
TP7	6.00	138.10	4.69	132.10
TP8	3.07	136.48	4.76	133.41
U-19				131.72
check	48.06		48.15	131.81
			48.06	
				131.72
			0.09	0.09

Leveling to W-4313

B.M.	HC				
TP1	6.97	186.68	3.14	179.71	
TP2	7.45	190.99	3.71	183.54	
TP3	5.22	192.50	5.90	187.28	
TP4	5.47	192.07	5.29	186.60	
TP5	3.92	190.70	6.45	186.78	
TP6	11.94	196.19	1.08	184.25	
TP7	10.40	205.51	0.52	195.11	
TP8	11.89	216.88	0.29	204.99	
				216.59	

Traverse #50

Top of earl opposite 3 mile post
- going south from Haines City

(9) Traverse #10

P. 1260

June 10, 1958

Hot + Cloudy

STA BS HI FS Ekv

TP₉ 7.30 223.89 11.59 216.59TP₁₀ 0.44 212.74 11.53 212.30TP₁₁ 0.35 201.56 10.33 201.21TP₁₂ 0.64 191.87 7.52 191.23⁸³TP₁₃ 5.29 189.64 2.56 184.35TP₁₄ 2.89 189.97 4.52 187.08TP₁₅ 4.15 189.60 3.09 185.45TP₁₆ 3.40 189.91 8.02 186.51TP₁₇ 8.30 190.19 4.21 181.89TP₁₈ 3.15 189.13 5.17 185.98

W-4313 183.96

+ 0.14 to top of Cement floor

W-4813 Release 3.07 183.96

5.17 189.13

TP₁₉ 3.12 189.18 4.10 186.06TP₂₀ 4.50 189.58 3.04 185.08TP₂₁ 2.34 188.88 4.44 186.54TP₂₂ 7.65 192.29⁰ 0.83 184.44

191.36

(10) Teavense #10

Polk Co.

June 10, 1958

very Hot & cloudy

TP₂₃ 10.21 201.57 0.27 191.34TP₂₄ 11.62 212.92 0.60 201.30TP₂₅ 11.54 223.86 7.31 212.32TP₂₆ 0.37 216.92 11.96 216.55TP₂₇ 0.61 205.57 10.59 204.96TP₂₈ 1.13 196.11 11.91 194.98TP₂₉ 6.37 190.57 3.89 184.20TP₃₀ 5.41 192.09 5.17 186.68TP₃₁ 5.32 192.24 5.13 186.92TP₃₂ 2.41 189.52 9.92 187.11TP₃₃ 1.08 180.78 4.41 179.70

BM HC 184.42 184.35 176.37

Check	184.35	176.30
	0.07	0.07

(11) Leveling to W-2925 Polk Co.

June 11, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
Spot Elev.	3.05	160.05	5.54	157.00 [±]

TP ₁	5.09	159.60	5.63	154.51
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TP ₂	6.01	159.98	4.40	153.97
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TP ₃	4.57	160.15	5.09	155.58
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W-2925	5.09	160.15	4.60	155.06
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TP ₄	4.61	160.16	6.55	155.55
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TP ₅	5.67	159.28	5.46	153.61
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TP ₆	5.50	159.32	2.30	153.82
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Spot Elev.				157.02
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Leveling to W-4075

Spot Elev.	4.80	159.80	7.94	155.00 [±]
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TP ₁	4.18	156.04	4.60	151.86
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TP ₂	6.15	157.59	5.22	151.44
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TP ₃	5.57	157.94	6.29	152.37
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W-4075				151.65
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Road intersection .3 mile north of US 92 (Winter Haven Airport)

Reference Top of cement base + 0.25 to base of pump

Check:	BS	FS	Elev diff.
	39.59	39.57	157.02
	39.57		157.00
	0.02		0.02

.8 mile SW of W-4075

Ground Elev.

12 W-4075

Polk Co.

June 11, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev.
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Retrace

W-4075 6.29 157.94 5.58 151.65

TP₄ 4.95 157.81 6.70 152.36TP₅ 7.06 157.67 2.84 150.61TP₆ 4.53 159.36 5.00 154.83TP₇ 4.82 159.18 4.23 154.36

Spot Elev. 154.95

Leveling to W-952

Spot Elev. 0.56 136.56 11.72 136.00[±]TP₁ 6.82 131.66 3.78 124.84TP₂ 0.17 128.05 5.66 127.88

W-952 5.66 128.05 0.14 122.39

TP₃ 3.95 131.86 6.93 127.91TP₄ 11.57 136.50 0.48 124.93

Spot Elev. 136.02

Check	BS	FS	Elev. diff.
	48.35	48.40	55.00
		48.35	154.95
		0.05	0.05

Check	BS	FS	Elev. diff.
	26.73	26.71	136.02
	26.71		136.00
		0.02	0.02

Ground elev. + 0.50 to top of cement

Retrace floor

13 Leveling to W-4383 Polk Co.

June 11, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
Davenport				
L17	11.74	148.09	0.47	136.35
TP ₁	8.57	156.19	10.17	147.62
TP ₂	2.35	158.37	11.34	146.02
TP ₃	0.92	137.95	11.92	137.03
TP ₄	1.21	127.34	4.60	126.13
W-4383				122.74

Wrong Well

Leveling to W-4383

Traverse #10

L17	11.55	147.90	0.90	136.35
TP ₁	10.76	157.76	5.64	147.00
TP ₂	3.84	155.96	5.54	152.12
W-4383	5.54	155.96	3.35	150.42
TP ₃	4.50	157.11	9.23	152.61
TP ₄	0.93	148.81	12.50	147.88
L17				138.31

Return

Top cover of casing

Check:	BS	FS	Elev. diff
	37.12	37.16	136.35
		37.12	136.31
		0.04	0.04

14

Polk Co

June 12, 1958

Hot & Cloudy

Sta BS HI FS Elev

Leveling to W-3305, W-3306, W-3307

Z117 8.91 171.99 3.32 163.08

TP₁ 9.72 178.39 9.84 168.67TP₂ 3.20 171.75 6.12 168.55TP₃ 5.30 170.93 10.73 165.63TP₄ 2.03 162.23 11.04 160.20TP₅ 2.53 153.72 3.74 151.19TP₆ 8.82 158.80 10.07 149.98TP₇ 4.13 152.86 8.29 148.73TP₈ 4.46 149.03 3.02 144.57TP₉ 5.59 151.60 5.48 146.01TP₁₀ 5.62 151.74 4.69 146.12W-3305
TP₁₀ 2.67 149.72 5.47 147.05W-3306
TP₁₁ 5.60 149.85 *6.44 143.28
TP₁₂ 5.60 149.85 6.44 144.25 144.25TP₁₁ 5.60 148.88 6.44 143.28
3.77 147.18 *3.77 143.41W-3307 5.82 151.06 5.82 145.11
144.01 145.11TP₁₂ 5.70 148.76 6.50 143.06

142.26

Top of cement floor

Top of cement floor

Top of cement floor

Returns

15

Polk Co

June 12, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev
TP ₃	6.34	148.60	1.47	142.26
TP ₄	10.06	157.19	9.40	147.13
TP ₅	4.13	151.92	1.83	147.79
TP ₆	10.70	160.79	1.07	150.09
TP ₇	10.18	169.90	4.38	159.72
TP ₈	10.30	175.82	11.32	165.52
TP ₉	3.93	168.43	5.39	164.50
2117				163.04
TP₁₀				
TP₁₁				
Check	BS	FS	Elev diff	
	129.92	129.96	163.08	
		129.92	163.04	
		0.04	0.04	

16

W-3200

Polk Co.

June 13, 1958

Hot & Cloudy

STA BS HI FS Elev

Spot
Elev 6.37 ⁵15~~X~~.37 3.53 149.00⁺TP₁ 4.75 15⁶~~X~~.59 4.14 15~~X~~.84W-3200 4.14 15⁶~~X~~.59 5.00 15²~~X~~.45TP₂ 3.53 15⁵~~X~~.12 6.10 15~~X~~.59Spot
Elev 149.02

check: BS FS Elev diff.

18.79 18.77

149.02

18.77

149.00

0.02

0.02

intersection of Lake Joaze Dr + Spot Lake Rd

Top of Cement Floor

Release

17 W-4050 Polk Co

June 14, 1958

Hot & Cloudy

Sta BS HI FS Elev

Spot Elev 2.67 142.67 7.58 140.00[±]TP₁ 4.07 139.16 5.57 135.09

W-4050 5.57 139.16 3.00 133.59

TP₂ 6.34 142.50 2.53 136.16

Spot Elev. 139.97

W-4215

Spot Elev. 5.95 145.95 7.08 140.00[±]TP₁ 4.49 143.36 3.33 138.87TP₂ 5.50 145.53 4.96 140.03
~~W-4215 3.33 143.36 4.32~~W-4215 4.96 145.53 4.40 139.04
~~TP₂~~Spot Elev. TP₃ 3.93 145.06 5.00 141.13Spot Elev. TP₄ 140.06

intersection of U.S. 92 & Reed St

Retrace (^{base of pump}
~~Top of Cement~~ ~~floor~~)

Checks	BS	FS	Elev. diff.
	18.65	18.68	140.00
		18.65	139.97
		0.03	0.03

intersection of L. Lewis & channel running

SE.

~~Top of Cement floor~~
Retrace ground elev.

Checks	BS	FS	Elev. diff.
	24.93	24.77	140.06
	24.77		140.00
	0.06		0.06

19 W-4188

Polk Co

June 14, 1958

Hot & Clear

Sta BS HI FS Elev

Spot Elev. 4.53 164.53 7.84 160.00[±]TP₁ 5.00 161.69 4.90 156.69TP₂ 5.71 162.50 2.95 156.79

W-4188 2.95 162.50 5.80 159.55

TP₃ 5.07 161.77 4.76 156.70TP₄ 7.18 164.19 4.20 157.01

Spot Elev. 159.99

W-3389

Spot Elev. 3.39 152.39 6.48 149.00[±]TP₁ 2.88 148.79 3.16 145.91

W-3389 3.16 148.79 2.87 145.63

TP₂ 6.87 152.79 3.73 145.92

Spot Elev. 149.06

Intersection of Berkely Rd. & Diet Rd.

3.4 mi North of US92

Retrace Top of cement base

Checks	BS	FS	Elev.	diff.
	30.44	30.45		160.00
		30.44		159.99
		0.01		0.01

Intersection of US92 & Kings Rd.

Top of Cement base

Retrace

Checks	BS ₃	FS	Elev.	diff.
	16.20	16.24		149.06
	16.24			149.00
	0.06			0.06

19

W-3772

Folk Co

June 16, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev.
Spot Elev	4.36	118.36	4.10	114.05 ⁺
TP ₁	3.81	118.07	4.70	114.26
W-3772	4.70	118.07	3.86	113.37
TP ₂	4.27	118.48	4.53	114.21
Spot Elev				113.95

W-2456

USC 65-UF

Auburndale

V-17	6.48	159.00	6.32	152.52
TP ₁	4.30	156.98	6.96	152.68
W-2456	6.96	156.98	4.05	150.02
TP ₂	6.50	159.43	6.95	152.93
V-17				152.48

intersection of old Auburndale Rd & det Rd
 .5 mi N of US92 (Carter's Corners)

ground elev.

Retrace

Checks	BS	FS	Elev diff
	17.14	17.19	114.00
		17.14	113.95
	<u>0.05</u>	<u>0.05</u>	

Ground elev. +0.40 to Top of cement floor

Retrace

Checks	BS	FS	Elev diff
	24.24	24.28	152.52
		24.24	152.48
	<u>0.04</u>	<u>0.04</u>	

20

TRAVERSE #10

W-1731

Polk Co

June 11, 1958

Hot & Cloudy

STA BS HI FS Elev

Lake Arthur

S17 4.77 174.10 6.64 169.33

TP₁ 3.07 170.53 10.51 167.46TP₂ 0.31 160.33 10.71 160.02TP₃ 2.36 151.98 8.00 149.62TP₄ 4.75 148.73 5.30 143.98TP₅ 5.90 149.33 7.04 143.43TP₆ 0.80 143.09 3.74 142.29

W-1731 3.74 143.09 0.75 139.35

TP₇ 7.22 149.56 6.00 142.34TP₈ 5.15 148.71 4.73 143.56TP₉ 6.61 150.59 2.65 143.98TP₁₀ 9.93 157.87 2.14 147.94TP₁₁ 10.23 165.96 1.09 155.73TP₁₂ 7.61 172.48 4.44 164.87TP₁₃ 5.44 173.48 4.25 168.04

S17 169.23

Top cement floor - 6.51 to cement base
Release at pump.

Checks	BS	FS	Elev	diff
	76.89	76.99	169.33	
		76.89	169.23	
		0.10	0.10	

21

N-3764

Polk Co

June 18th 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
Spot Elev.	4.95	153.95	3.32	149.00 [±]
W-3764	3.32	153.95	4.96	150.63
Spot Elev.				148.99

Spot Elev.	W-3770			
2.08	122.08	8.85	120.00 [±]	
TP ₁	0.75	113.98	4.24	113.23
TP ₂	5.13	114.85	2.48	109.72
W-3770	2.41	114.85	6.03	112.37
TP ₃	5.19	114.01	1.95	108.82
TP ₄	9.40	121.46	1.38	112.06
Spot Elev.				120.08

PR # 2

Bm # 93

intersection of Cambee Rd. & Ralph Rd.

Top of cap

Retrace

Check	BS	FS	Elev diff
8.27	8.28	148.00	
	8.27	148.99	
		<u>0.01</u>	<u>0.01</u>

intersection of Bunt Bridge Rd & dirt Rd. 0.40 mi. E of Fish Hatchery Rd

Top of cap

Retrace

Check	BS	FS	Elev diff
25.03	24.95	120.08	
24.95		120.00	
<u>0.08</u>		<u>0.08</u>	

22

W-3841

Polk Co

June 18, 1958

Hot + Cloudy

Sta	BS	HI	FS	Elev
spot Elev	4.40	139.40	5.81	135.00 [±]
TP ₁	4.97	138.56	4.21	133.59
W-3841	4.21	138.56	5.13	134.35
TP ₂	5.93	139.36	4.43	133.43
spot Elev				134.93

W-3423

Bm #93				
3.40	146.71	2.75	143.31	
TP ₁	4.18	148.14	7.96	143.96
W-3423 TP ₂	7.96	148.14	4.31	140.18
TP ₂	2.85	146.68	3.40	143.83
Bm #93				143.28

PR #2

Bm #93				
0.46	143.77	4.77	143.31	
PR #2	4.77	143.77	0.47	139.00
Bm #93				143.30

intersection of Ritter Rd + dirt Rd. .65 mi

E of Combee Rd

Top of cap

Retrace

Checks	BS	FS	Elev. diff
	19.51	19.58	135.00
		19.51	134.93
		0.07	0.07

Concrete culvert FLA 33 (NE corner)

300' SW of Amvets Club

Ground level.

Retrace

Checks	BS	FS	Elev. diff
	18.39	18.42	143.31
		18.39	143.28
		0.03	0.03

23

W-3883

Folk Co.

June 18, 1956

Hot & Cloudy

STA	BS	HI	FS	Elev.
BM ^{Bm}	3.49	139.74	3.98	136.25
W-3883				137.00
TP	3.98	139.74	3.50	138.76
Bm				136.24

W-3763

Bm	6.47	142.72	3.62	136.25
W-3763	3.62	142.72	6.45	139.10
Bm				136.27

W-3773

MEAN	11.33	140.73		
Water	2.15			
Elev.	11.18	140.58	0.84	129.40
TP ₁	7.43	147.32	0.34	139.89
W-3773	0.34	147.32	8.20	146.98
TP ₂	1.05	140.17	10.81	139.12
Water				
Elev.				129.36

intersection of American Cypress Co.
at Combee Rd.

← Top of cement base

Check	BS	FS	Elev. diff.
	7.47	7.48	136.25
		7.47	136.24
		0.01	0.01

Top of cap - 2.90 to ground

Check	BS	FS	Elev. diff.
	10.09	10.07	136.27
	10.07	114	136.25
	0.02		0.02

to 0.02 section

Lake Parker

Black top

Retrace

Check	BS	FS	Elev. diff.
	20.15	20.19	129.40
		20.15	129.36
		0.04	0.04

24

W-3875

Polk Co

June 18, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
WQAN Water Elev	11.77	141.17	1.15	129.40

TP ₁	11.30	151.32	1.25	140.02
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TP ₂	6.79	156.86	4.60	150.07
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W-3875	4.60	156.86	6.58	152.26
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TP ₃	1.15	151.43	11.34	150.28
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TP ₄	1.33	141.42	11.97	140.09
Water Elev.				129.45

W-3623

Traverse #10

Bm L.L.	2.48	212.59	8.64	210.11
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TP ₁	5.48	209. ⁴³ 38	2.10	203.9 ⁵ 8
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W-3623	2.10	209. ⁴³ 39	5.57	207. ³³ 29
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TP ₂	8.84	212. ⁷⁰ 66	2.50	203. ⁸⁶ 82
-----------------	------	----------------------------------	------	----------------------------------

Bm L.L.				210. ²⁰ 16
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Lake Parker

Cement Floor

Reference

Checks	BS	FS	Elev. diff.
	36.94	36.99	129.45
		36.94	129.40
		0.05	0.05

Top Cement block - 1.40 to ground elev.

Checks	BS	FS	Elev. diff.
	18.90	18.91	210. ⁷⁸ 78
	18.81		210.11
	0.09		0.05

25

W-4253

Polk Co

June 18, 1959

Hot & Cloudy

STA	BS	HI	FS	Elev
Spot Elev	6.81	156.81	7.35	150.00 [±]

TP ₁	5.60	15 ⁵ 5.06	7.30	149.46
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TP ₂	4.06	14 ⁵ 1.82	3.82	13 ⁴ 7.76
-----------------	------	---------------------------------	------	---------------------------------

W-4253	3.82	14 ⁵ 1.82	4.05	13 ⁴ 8.00
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TP ₃	7.52	15 ⁵ 5.29	5.75	13 ⁴ 7.77
-----------------	------	---------------------------------	------	---------------------------------

TP ₄	7.41	14 ⁵ 6.95	6.90	13 ⁴ 9.54
-----------------	------	---------------------------------	------	---------------------------------

Spot Elev				150.05
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Intersection of 2 dirt Rds. Not Geostel L.

Top of Cement floor

Return

Check	BS	FS	Elev diff
	35.22	35.17	150.05
	35.17		150.00
	<u>0.05</u>		<u>150.05</u>
			0.05

26

W-4275

Polk Co.

June 19, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev
spot				
Elev	3.91	143.91	4.45	140.00 [±]
TP ₁	3.34	142.80	7.57	139.46
W-4275				
TP₂	7.57	142.80	3.95	135.23
TP ₂	4.91	143.83	3.87	138.85
spot				
Elev				139.9 ⁶

W-4156

Bm				
18B	6.73	142.69	6.19	135.96
W-4156	6.19	142.69	6.74	136.50
Bm				
18B				135.95

W-3837

Bm				
18B	7.00	142.96	3.12	135.96
			6.99	
W-3837	3.12	142.96	6.99	139.84
Bm				
18B				135.97

intersection 557 & dist Rd. 2.15 mi. E of Sta 33

ground elev. + 0.20 to Cement floor

Retrace

Checks	BS	FS	Elev diff.
	29.80	29.84	140.00
		29.80	139.96
		0.04	0.04

American Gyramid Co

Top of cement base - .80 to ground

Checks	BS	FS	Elev diff.
			135.96
	12.92	12.93	135.95
		12.92	0.01
		0.01	

Top of Cap - 2.45 to ground

Checks	BS	FS	Elev diff.
	10.12	10.11	135.97
		10.11	135.96
		0.01	0.01

27

W-3771

Polk Co

June 19, 1958

Hot & Cloudy

Sta BS HI FS Elev.

Spot Elev 4.77 144.77 6.06 140.00[±]TP₁ 4.56 143.27 4.34 138.71W-3771
TP₂ 4.34 143.27 4.47 138.93TP₃ 5.62 144.42 4.40 138.80

Spot Elev. 140.02

W-4267

Spot Elev 0.42 207.42 10.01 207.00[±]TP₁ 1.04 198.45 9.86 197.41TP₂ 1.37 189.96 5.44 188.59

W-4267 5.44 189.96 1.36 184.52

TP₃ 10.78 199.38 1.70 188.60TP₄ 10.12 207.80 0.74 197.68

W-4267 207.06

NE Corner of Culvert on Fla 33

Top of Cap - 2.89 to ground

Retrace 114' to Fla 33

Check	BS	FS	Elev diff
	19.29	19.27	140.02
	19.27		140.00
	0.02		0.02

intersection of Old Providence Rd +
paved side Rd. .5 mi N. of Griffin Rd

Ground elev.
Top of cement floor + .62 to Top
Retrace of cement floor

Check	BS	FS	Elev diff
	29.17	29.11	207.06
	29.11		207.00
	0.06		.06

28

W-3312

P/LCo

June 19, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev.
Spot Elev	8.65	208.65	1.39	200.00 [±]
W-3312	1.39	208.65	8.65	207.26
Spot Elev.				200.00

W-3838

Spot Elev	6.37	162.37	7.67	156.00 [±]
TP ₁	4.27	158.97	2.47	154.70
W-3838	2.47	158.97	4.04	156.50
TP ₂	7.40	162.33	6.30	154.93
Spot Elev.				156.03

intersection of Kathleen Rd & dirt Rd.

.25 mi N. of Griffen Rd.

Top of cement base

Chkgs	BS	FS	Elev diff.
	10.04	10.04	20.00
	<u>10.04</u>		<u>200.00</u>
	0.00		0.00

intersection of Bella Vista Dr. & Gallaway Rd.

Top of cement floor

Retake

Chkgs	BS	FS	Elev diff.
	20.51	20.48	156.03
	<u>20.48</u>		<u>156.00</u>
	0.03		0.03

29

W-3421

Folk Co.

June 20, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev.
Spot Elev	10.24	190.24	1.73	180.00 [±]
TP ₁	8.76	197.27	1.94	188.51
TP ₂	4.89	200.22	5.39	195.33
W-3421	5.39	200.22	4.89	194.83
TP ₁	2.13	197.46	9.09	195.33
TP ₂	2.05	190.42	10.45	188.37
Spot Elev.				179.97

W-3751

Spot Elev	11.72	211.72	3.26	200.00 [±]
W-3751	3.26	211.72	11.73	208.46
Spot Elev.				199.99

intersection of Lake Morton Dr. & Indiana

Ground elev + .35 to floor

Retrace

Check BS	FS	Elev. diff
33.46	33.49	180.00
	33.46	179.97
	0.03	0.03

W Main St & RR tracks .1 mi W of

S. Lincoln St.

cement floor

Check BS	FS	Elev. diff
14.98	14.99	200.00
	14.98	199.99
	0.01	0.01

30

W-3420

Folk Co

June 20, 1958

Hot & Clear

STA	BS	HI	FS	Elev.
Spot Elev	3.69	149.69	5.18	146.00 [±]
TP ₁	5.49	150.00	4.43	144.51
W-3420	4.43	150.00	6.39	145.57
TP ₂	5.87	149.48	3.40	143.61
Spot Elev.				146.08

Junction of main tracks & side track Winston #2
 (489) well #2
 Ground elev.

Check	BS	FS	Elev. diff.
	19.48	19.40	146.08
	19.40		146.00
	0.08		0.08

W-2774

Spot Elev.	BS	HI	FS	Elev.
Spot Elev.	8.20	148.20	4.37	140.00 [±]
TP ₁	1.65	145.48	2.29	143.83
W-2774	2.29	145.48	1.65	143.19
TP ₂	4.22	148.05	8.04	143.83
Spot Elev.				140.01

Top of Cement Base

Tutor

Check	BS	FS	Elev. diff.
	16.36	16.35	140.01
	16.35		140.00
	0.01		0.01

31

W-4254

Polk Co

JUNE 20, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
Spot Elev.	10.82	150.82	0.97	140.00 [±]
TP ₁	5.91	155.83	3.49	149.85
W-4254	2.91	155.25	10.01	152.34
TP ₂	2.29	157.53	7.55	152.54
Spot Elev.				159.98 ³

intersection of old Dodge City Rd & dist Rd.

0.70 mi N of Duff Rd.

Ground elev.

Check	BS	FS	Elev. diff.
	22.00	22.02	140.00
		22.00	139.98
		0.02	0.02

32

W-3840

Pbk Co.

June 21, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev.
Bm				
15-ES	5.27	114.87	6.37	109.60
W-3840	6.37	114.87	5.27	108.50
Bm				
15-ES				109.60

4.8 mi E of US98 on Rock Ridge Rd.
Ground elev.

Check	BS	FS	Elev. diff.
	11.64	11.64	109.60
	11.64		109.60
	0.00		0.00

W-3839

Bm				
15-ES	6.10	115.70	5.61	109.60
TP ₁	5.38	115.47	4.70	110.09
TP ₂	5.27	116.04	4.70	110.77
TP ₃	4.08	115.42	5.80	111.34
W-3839				
TP ₄	5.80	115.42	4.10	109.62
TP ₄	4.74	116.06	5.27	111.32
TP ₅	4.54	115.33	5.81	110.79
TP ₆	5.87	115.39	5.80	109.52
Bm				
15-ES				109.59

Ground elev. + 4.37 to top of box

Reference

Check	BS	FS	Elev. diff.
	41.78	41.79	160.
		41.78	109.60
		0.01	109.59
			0.01

33

W-3169

Folk Co.

June 23, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev.
Spot elev	7.34	147.34	7.51	140.00 ⁺
TP ₁	5.46	145.39 ²	9.87	139.83
TP ₂	2.22	137.64	7.14	135.42
TP ₃	6.16	136.66	4.75	130.50
TP ₄	8.52	140.43	4.33	131.91
W-3769				
TP₅	4.33	140.43	8.07	136.10
TP ₅	4.50	136.86	6.25	132.36
TP ₆	6.62	137.23	3.35	130.61
TP ₇	11.54	145.42	5.14	133.88
TP ₈	7.20	147.48	7.43	140.28
Spot Elev.				140.05

intersection of FL 33 & first paved Rd to the
E, N of Lakehurst Airport.

ground elev. + 2.89 to Top of cap
Bitter

Chk to	BS	FS	Elev. diff.
	63.89	63.84	
	63.84		140.05
	0.05		140.00
			0.05

34

W-4018

P&K Co

June 23, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
W-3841	3.73	138.08	5.40	134.35
W-4018 TP	5.40	138.08	3.72	132.68
W-3841				134.36

Ground elev. cement floor

Check	BS	FS	Elev diff
	9.13	9.12	134.36
	9.12		134.35
	0.01		0.01

W-2720

Spot Elev	1.63	174.63	9.33	173.00 ⁺
TP ₁	3.72	169.02	5.74	165.30
TP ₂	5.27	168.55	3.71	163.28
TP ₃	4.72	169.56	6.44	164.84
W-2720	6.44	169.56	7.98	163.12
TP ₄	6.53	168.11	6.01	161.58
TP ₅	9.25	171.35	0.38	162.10
TP ₆	5.41	176.38	3.30	170.97
Spot Elev				173.08

intersection of Derby Rd & Oak St

Cement Base

Reference

Check	BS	FS	Elev diff
	42.97	42.89	173.08
	42.89		172.00
	0.08		0.08

35

W-4255

Polk Co.

June 28, 1958

Hot & Cloudy

Sta spot	BS	HI	FS	Elev.
Elev.	10.88	256.88	0.22	246.00 [±]
TP ₁	6.69	263.35	5.04	256.66
TP ₂	5.17	263.48	5.18	258.31
W-4255	5.18	263.48	6.31	258.30
TP ₃	1.05	259.22	11.08	257.17
TP ₄	3.73	250.87	4.86	247.14
Spot Elev.				246.01

W-3604

Spot Elev.	BS	HI	FS	Elev.
	4.42	135.42	2.25	131.00 [±]
TP ₁	12.10	145.27	6.75	133.17
TP ₂	4.07	142.59	1.35	138.52
W-3604	1.35	142.59	4.32	141.24
TP ₃	7.27	145.54	11.69	138.27
TP ₄	1.26	135.11	4.02	133.85
Spot Elev.				131.09

intersection of Edward Lake Dr & 2nd dist Rd
E of Highlands Rd.

Ground elev.

Chk	BS	FS	Elev diff
	32.70	32.69	246.01
	32.69		246.00
	0.01		0.01

intersection of Woodland Dr. & cross road
1 mi. W of US98

Ground elev.

Chk	BS	FS	Elev diff
	30.47	30.38	131.09
	30.38		131.00
	0.09		0.09

36

W-2098

Polk Co.

June 24, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev
Spot Elev.	3.62	213.62	5.91	210.00 [±]
TP ₁	3.24	210.95	4.74	207.71
W-2098	4.74	210.95	2.85	206.21
TP ₂	5.35	213.45	3.40	208.10
Spot Elev.				210.05

Ground elev.

elevation

Check	BS	FS	Elev. diff.
	16.95	16.90	210.05
	16.90		210.00
	0.05		0.05

W-4389

Spot Elev.	7.12	211.12	0.41	204.00 [±]
TP ₁	11.46	222.17	0.46	210.71
TP ₂	9.56	231.27	6.53	221.71
TP ₃	5.96	230.70	11.58	224.74
W-4389	11.58	230.70	5.92	219.12
TP ₄	6.65	231.43	11.40	224.78
TP ₅	0.69	220.72	9.82	220.03
TP ₆	1.81	212.71	8.68	210.90
Spot Elev.				204.03

Ground elev.

Check	BS	FS	Elev. diff.
	54.53	54.80	204.03
	54.80		204.00
	0.03		0.03

intersection of Club House Dr & parcel
side road .4 mi. W of Highlands Rd

37 W-3566

Folk Co.

June 24, 1958

Hot & Cloudy

Sta BS HI FS Elev.

Mulberry
U-68 5.62 117.24 9.10 111.62

TP 3.63 111.77 4.92 108.14

W-3566 4.92 111.77 2.58 106.85

TP 2.67 116.86 5.23 109.19

U-68 111.63

W-3459

spot
Elev. 6.81 126.81 7.25 120.00[±]

W-3459 7.25 126.81 6.81 119.56

120.00

Ground elev.

Reference

Check	BS	FS	Elev. diff.
	21.84	21.83	111.63
	21.83		111.62
	<u>0.01</u>		<u>0.01</u>

intersection of Fla 60 & side road nt

W city limits

Ground elev.

Check	BS	FS	Elev. diff.
	14.06	14.06	120.00
	<u>14.06</u>		<u>120.00</u>
	0.00		0.00

38

W-3849

Folk Co

June 25, 1958

Hot + Cloudy

STA	BS	HI	FS	Elev.
Spot Elev.	116	163.16	2.74	162.00 [±]

TP ₁	5.50	165.92	4.44	160.42
-----------------	------	--------	------	--------

W-3849

TP ₂	4.44	165.92	5.50	161.48
-----------------	------	--------	------	--------

TP ₂	2.93	163.25	1.24	160.42
-----------------	------	--------	------	--------

Spot

Elev.				162.01
-------	--	--	--	--------

W-3848

Spot Elev.	6.72	161.72	7.10	155.00 [±]
------------	------	--------	------	---------------------

TP ₁	4.71	159.33	4.36	154.62
-----------------	------	--------	------	--------

W-3848

	4.36	159.33	4.08	154.97
--	------	--------	------	--------

TP ₂	6.08	161.33	6.32	155.25
-----------------	------	--------	------	--------

Spot

Elev.				155.01
-------	--	--	--	--------

Ground elev

Return

Check	BS	FS	Elev. diff.
	13.93	13.92	162.01
	13.92		162.00
	0.01		0.01

Ground elev.

Return

Check	BS	FS	Elev. diff.
	21.87	21.86	155.01
	21.86		155.00
	0.01		0.01

39

W-4189

Pike Co

STA	BS	HI	FS	Elev.
spot Elev.	6.81	146.81	2.93	140.00 ⁺
W-4189	2.93	146.81	6.81	143.88
spot Elev.				140.00

W-2126

Spot Elev.	7.57	137.57	2.86	130.00 ⁺
TP ₁	7.00	141.71	3.67	134.71
W-2126	3.67	141.71	6.98	138.04
TP ₂	2.75	137.48	7.45	134.73
Spot Elev.				130.03

June 25, 1958

Hot & Cloudy

intersection of JAL RR & dirt crossing 1.3 mi
E. of Athens P.O.

Ground elev. cement floor

Checks	BS	FS	Elev.	diff
	9.74	9.74	140.00	
	9.74		140.00	
	0.00		0.00	

JAL RR cut

cement base - .62 to ground elev.

Checks	BS	FS	Elev.	diff
	20.99	20.96	130.03	
	20.96		130.00	
	0.03		0.03	

40

W-3874

Polk Co.

JUNE 25, 1958

Hot & Cloudy

STA BS HI FS Elev.

Spot Elev. 0.71 155.71 10.85 155.00[±]TP₁ 0.68 145.54 4.55 144.86

W-3874 4.55 145.54 0.66 140.99

TP₂ 10.84 155.72 0.70 144.88

Spot Elev. 155.02

W-3744 & W-3747

Spot Elev. 6.47 140.47 6.57 134.00[±]TP₁ 9.04 141.94 4.35 133.90

W-3744

~~TP₂~~ 4.35 141.94 4.02 137.59TP₂ 8.35 146.27 6.49 137.92~~TP₃~~ W-3747 5.29 145.07 3.87 139.78

W-3747 0.10 141.30 5.05 141.20

TP₄ 6.12 142.37 8.30 136.25

Spot Elev. 134.07

Cement base

Retrace

Check	BS	FS	Elev. diff.
	16.75	16.76	155.02
	16.76		155.00
	0.02		0.02

Cement base

Check	BS	FS	Elev. diff.
	38.72	38.65	134.07
	38.65		134.00
	0.07		0.07

Ground elev.

Retrace

41

W-2500

F/16Co.

June 26, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev.
Bm	3.10	188.10	3.71	185.00
W-2500	3.71	188.10	3.10	184.39
Bm				185.00

W-4185

Bm	2.82	176.34	3.93	173.52
W-4185	3.83	176.34	2.81	172.51
Bm	4.80	178.23	4.83	173.53

Top NE corner open Reservoir
cement base

Checks	BS	FS	Elev. diff.
	6.81	6.81	185.00
	6.81		185.00
	0.00		0.00

Top SW corner, lower basin wall #2 Acid
cooling plant
cement base

Checks	BS	FS	Elev. diff.
	6.65	6.64	173.53
	6.64		173.52
	0.01		0.01

42

W-3862

Polk Co

June 2⁶, 1958

Hot & Cloudy

STA BS HI FS Elev

TBM 2.87 131.45 7.93 128.59

TP 5.05 128.57 5.23 123.52

W-3862

~~TP~~ 5.23 128.57 4.93 123.34TP₂ 8.00 131.64 3.04 123.64

TBM 128.60

intersection of S Broadway & SAL RR.

Ground elev.

Return

Checks	BS	FS	Elev. diff.
	21.15	21.13	128.60
	21.13		128.58
	0.02		0.02

W-3649

Spot Elev. 11.67 156.67 0.30 145.00⁺TP₁ 5.51 161.98 ~~6.54~~ 136.47TP₂ ~~4.60~~ 162.04 4.57 ~~155.44~~ 155.58

W-3649 4.57 162.04 6.14 157.47

TP₃ 2.00 157.90 11.60 155.90

Spot Elev. 3.92 150.22 5.18 146.30

Spot Elev. 145.04

Ground elev.

Return

Checks	BS	FS	Elev. diff.
	34.27	34.23	145.04
	34.23		145.00
	0.04		0.04

43 W-4493 Folk Co

June 30, 1958

Hot + Chalky

~~Sta~~
~~BS~~ HI FS Elev
 TBM 4.70 132.56 5.53 127.86
 TP 4.84 131.87 3.54 127.03
 W-4493 3.54 131.87 4.93 128.33
 TP 5.25 132.19 4.40 126.94
 TBM 127.79

W-3780

Spot Elev 6.90 112.90 4.10 106.00⁺
 W-3780
 TP 4.10 112.90 6.90 108.80
 Spot Elev 106.00

SRD TBM 45' S of intersection of Sta 542

+ US 27

Cement base

Elev

Chk to	BS	FS	Elev. diff.
	18.33	18.40	127.86
		18.33	127.79
		0.07	0.07

intersection of Burns Ave + ACL RR

4.5 E US 17

Cement base

Chk to	BS	FS	Elev. diff.
	11.00	11.00	106.00
	11.00		106.00
	0.00		0.00

44

W-4364

Polt Co

June 30, 1958

hot & cloudy

Sta BS HI FS Elev.

Spot Elev. 0.48 223.48 11.51 223.00⁺TP₁ 2.70 214.67 4.77 211.97TP₂ 3.65 213.55 8.17 209.90

W-4364 8.18 213.55 3.87 205.37

TP₃ 5.81 215.49 1.49 209.68TP₄ 8.90 222.90 0.16 214.00~~Spot~~
Elev. 3.72 226.46 ³8.41 222.74

Spot Elev. 223.05

W-4634

Spot Elev. 5.44 144.44 4.43 139.00⁺

W-4634

TP 4.43 144.44 5.43 140.01

Spot Elev. 139.01

intersection of paved & clay Rd 0.50 mi.

W of US 27 3 mi SW of Brown Pt

Ground elev.

Reference

Checks	BS	FS	Elev diff
	33.44	33.49	223.05
		33.44	223.00
		0.05	.05

intersection of Spirit Lake & Thornhill

Rd. 2.5 mi. SW of Lake Eagle

cement base

Checks	BS	FS	Elev diff
	9.87	9.86	139.01
	9.86		139.00
	0.01		0.01

45

Water level

Polk Co

June 30, 1958

Hot + Cloudy

STA	BS	HI	FS	Elev.
Bm				
B118	0.52	170.71	6.10	170.19
TP ₁	1.06	165.67	10.78	164.61
TP ₂	0.28	155.17	11.55	154.89
TP ₃	1.24	144.86	11.57	143.62
TP ₄	3.78	137.07	6.47	133.29
mean Water level				130.60

W-4551

Water Level	$\frac{11.86}{-.63}$	141.03	1.30	129.80
	11.23			
TP ₁	8.23	147.96	0.81	139.73
W-4551	0.81	147.96	8.23	147.15
			12.00	
TP ₂	1.67	141.40	-42	139.73
Water Level			11.58	
				129.82

~~Chas Eg BS FS Elev. diff.~~

Lake Howard

$$- 0.80 = 129.80$$

Lake Roy

Ground Elev.

Chas Eg	BS	FS	Elev. diff.
	21.94	21.92	129.82
	21.92		129.80
	<u>0.02</u>		<u>0.02</u>

46

W-4190

Polk Co

June July 1, 1958

Hot + Cloudy

STA	BS	HI	FS	Elev.
Spot Elev.	2.13	120.13	6.17	118.00 [±]
TP ₁	5.02	118.98	3.38	113.96
W-4190				
TP₂	3.38	118.98	4.96	115.60
TP ₂	7.83	121.85	3.80	114.02
Spot elev.				118.05

W-4331

Spot Elev.	BS	HI	FS	Elev.
7.32	142.32	5.87	135.00 [±]	
TP ₁	6.47	142.92	7.30	136.45
W-4331	7.30	142.92	7.90	135.62
Spot Elev.				135.02

Intersection of Fla 60 + Dist Rd 1.0 mi W of
Alcoma Plant (6.0 mi E of Lake Wales)
Ground elev.

Reference

Check	BS	FS	Elev. diff
	18.36	18.31	118.05
	18.31		118.00
	0.05		0.05

0.40 mi E of Alcoma Plant on Fla 60

Ground elev.

Reference

Check	BS	FS	Elev. diff
	21.09	21.07	135.02
	21.07		135.00
	0.02		0.02

47

W-4503 + W-4288

To/To

July, 1958

Hot + Cloudy

Sta	BS	HI	FS	Elev
Spot Elev	5.62	105.62	5.92	100.00 [±]
W-4503	5.92	105.62	5.54	99.70
W-4288	5.54	105.62	5.61	100.08
Spot Elev				100.01

W-1710

Spot Elev	4.87	70.87	5.32	66.00 [±]
W-1710	5.32	70.87	4.86	65.55
Spot Elev				66.01

intersection of Port Ave + Deland Ave
(Indian Lake Estates)

Ground elev.

Ground elev.

Checks	BS	FS	Elev. diff
	17.08	17.07	100.01
	17.07		100.00
	0.01		0.01

intersection of Fla 60 + dirt Rd 2.0 mi.

W of Kissimmee River

Ground elev. (buried under road)

Checks	BS	FS	Elev. diff
	10.19	10.18	66.01
	10.18		66.00
	0.01		0.01

48

W-4189

PBL Co.

July 1, 1958

Hot + Cloudy

~~STA~~
~~Elev.~~

BS

HI

FS

Elev.

Spot
Elev.

10.59

147.59

3.30

137.00[±]TP₁

3.50

147.79

4.08

144.29

W-4189

4.08

147.79

3.75

143.71

TP₂

3.39

147.43

10.42

144.04

Spot
Elev.

137.01

W-3878

Spot
Elev.

5.96

168.96

7.51

163.00[±]TP₁

2.81

164.26

11.53

41.35

12.88

161.45

W-3878

12.88

164.26

2.02

151.38

TP₂

7.67

169.91

6.92

162.24

Spot
Elev.

162.99

intersection of 2 dirt Rds 10 mi. SE of

Alticus

Cement base

Retaining

Check:

BS

FS

Elev. diff.

21.56

21.55

137.01

21.55

137.00

0.01

0.01

SE corner Section 3

Ground elev.

Check:

BS

FS

Elev. diff.

29.32

29.33

163.00

29.32

162.99

0.01

0.01

49

W-2413

Folk Co.

July 1, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev.
Spot Elev.	10.81	198.81	0.80	188.00 ⁺
TP ₁	9.97	² 107.98	3.39	198.01
W-2413	3.39	² 107.98	9.97	104.59
TP ₂	0.73	198.74	10.72	198.01
Spot Elev.				188.02

intersection of 2 dirt Rds 10 min. W of Eighty-foot Rd (Section 24)

Ground elev

Retrace

Check	BS	FS	Elev. diff.
24.90		24.88	188.02
24.88			188.00
0.02			0.02

50

W-3547

Polk Co

July 2, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev
spot				
Elev	7.86	147.86	0.84	140.00 [±]
W-3547	0.84	147.86	7.86	147.02
spot				
Elev				140.00

W-3576

spot				
Elev	6.48	137.48	9.32	131.00 [±]
W-3576	9.32	137.48	6.48	128.16 ⁸
spot				
Elev				131.00

Side track crossing of SAL RR. at Ann.

Agreement Chem Corp.

Cement base

Check	BS	FS	Elev. diff
	8.70	8.70	140.00
	8.70		140.00
	0.00		0.00

0.30 mi. SE of E.J. P.O. (det Rd +

section line

Ground elev

Check	BS	FS	Elev. diff
	15.80	15.80	131.00
	15.80		131.00
	0.00		0.00

SI

W-3852

Felt Co

July 2, 1958

-16.7 + Cloudy

STA

BS

HI

FS

Elev.

TBM

0.50

153.00

4.93

152.50

N-3852

4.93

153.00

0.50

148.07

TBM

152.50

W-2304

Spot

Elev.

6.52

172.52

5.81

166.00[±]TP₁

6.43

173.14

9.65

166.71

W-2304

9.65

173.14

6.36

163.49

TP₂

5.70

172.48

6.48

166.78

Spot

Elev.

166.00

NE base of Acid Tank

Ground elev.

Chuko

BS

FS

Elev diff

5.43

5.43

152.50

5.43

152.50

0.00

0.00

intersection of Agrícola Rd & Wilson Gravel Rd

12m N of Ft. Meade Rd.

Ground elev.

Return

Chuko

BS

FS

Elev diff

28.30

28.30

166.00

28.30

166.00

0.00

0.00

52

W-4123

Palk Co

July 2, 1958

Hot & Cloudy

Sta BS HI FS Elev

Spot
Elev. 3.07 143.07 5.11 140.00[±]

W-4123 5.18 143.07 3.06 137.89

Spot
Elev. 140.01

0.20 mi. N of Main St. & R.R. Station

Cement floor Ground elev.

Checks	BS	FS	Elev. diff.
	8.25	8.24	140.01
	8.24		140.00
	<u>0.01</u>		<u>0.01</u>

W-2134

Spot
Elev. 3.72 93.72 4.09 90.00[±]

W-2134 4.09 93.72 3.71 89.63

Spot
Elev. 90.01

at old steep mine NW of Plant

Cement base

Checks	BS	FS	Elev. diff.
	7.79	7.80	90.01
		7.79	90.00
		<u>0.01</u>	<u>0.01</u>

53

W-1062

Polk Co

July 2, 1958

Hot & Cloudy

Sta BS HI FS Elev

Spot Elev 9.44 117.44 1.90 108.00[±]

W-1062 1.90 117.44 9.44 115.54

Spot Elev. 108.00

intersection of dirt Rd. & ACL RR side
 track at Inter. Nat. Mineral Co.
 Cement base

Check	BS	FS	Elev. diff
	11.34	11.34	108.00
	11.34		108.00
	0.00		0.00

W-1706

Spot Elev 5.64 125.64 6.74 120.00[±]

W-1706 TP 6.74 125.64 5.65 118.90

Spot Elev 119.99

intersection bridge & channel in Plant
 Ground elev.

Check	BS	FS	Elev. diff
	12.38	12.39	120.00
		12.38	119.99
		0.01	0.01

W-1399

Spot Elev 9.40 131.40 2.69 122.00[±]

TP 4.50 133.21 3.95 128.71

W-1399 3.95 133.21 4.49 129.26

TP 2.62 131.34 9.30 128.72

Spot Elev 122.04

intersection of main rd & road to parking
 area in Plant

Check	BS	FS	Elev. diff
	20.47	20.43	122.04
	20.43		122.00
	0.04		0.04

54

W-978

F&K Co.

July 7, 1958

Hot & Church

BS	HI	FS	Elev.
spot			
Elev.	5.77	130.77	2.74 125.00 ⁺
W-978	2.74	130.77	5.77 128.03
spot			
Elev.			125.00

W-3215	BS	HI	FS	Elev.
MEAN WATER level	8.29	(76.85)	78.31	(76.05)
	.49	10.06	2.01	2.26 (gap ending)
	7.80			
TP	5.05	13.10	6.29	8.05
W-3215	6.29	13.10	5.08	6.81 (82.86)
TP	3.24	11.26	9.31	8.02
Water level			9.30	
			9.01	
			2.25	

intersection of 2 dirt Rds on S section
line of 7

Ground elev. ~~Cement floor~~ Ground elev.

Check g	BS	FS	Elev. diff.
	8.51	8.51	125.00
	8.51		125.00
	0.00		0.00

Ruddy Lake gaging sta.

Ground elev.

Check g	BS	FS	Elev. diff.
	22.38	22.39	2.26
		22.38	2.25
		0.01	0.01

SS

W-4461

Folk Co

July 3, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
Spot Elev	8.44	158.44	4.43	150.00 [±]
TP	4.45	158.46	6.93	154.01
W-4461	6.93	158.46	4.46	151.53
TP	3.75	157.75	7.71	154.00
Spot Elev.				150.04

W-2842

Spot Elev.	BS	HI	FS	Elev
3.92	118.92	4.29	115.00 [±]	
W-2842	4.29	118.92	3.92	114.63
Spot Elev.				115.00

intersection of paved & dirt Rd 0.50 mi.

N of Sta. 17 in Sec. 8.

Gravel elev.

658'

Pitroad

Check	BS	FS	Elev. diff.
	23.57	23.53	150.04
	23.53		150.00
	0.04		0.04

intersection of 2 dirt Rds N central portion

Sec. 35

Cement floor

Check	BS	FS	Elev. diff.
	8.21	8.21	115.00
	8.21		115.00
	0.00		0.00

SL

W-4107

Polk Co

July 7, 1958

Hot & Cloudy

STA	BS	HI	FS	Elev
Spot Elev.	9.20	204.20	0.28	195.00 [±]

TP ₁	9.20	213.12	1.17	203.92
-----------------	------	--------	------	--------

W-4107	1.17	213.12	9.21	211.95
--------	------	--------	------	--------

TP ₂	1.55	205.46	10.45	203.91
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Spot Elev.				195.01
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W-3779

Spot Elev.	8.90	168.90	1.57	160.00 [±]
------------	------	--------	------	---------------------

TP ₁	4.88	172.21	7.62	167.33
-----------------	------	--------	------	--------

W-3779	7.62	172.21	4.90	164.59
--------	------	--------	------	--------

TP ₂	3.76	171.07	11.09	167.31
-----------------	------	--------	-------	--------

Spot Elev.				159.98
------------	--	--	--	--------

Intersection of 655-A & dirt Rd 1.0 mi N of

US 98

Ground elev.

Check	BS	FS	Elev diff
	21.12	21.11	195.01
	21.11		195.00
	0.01		0.01

0.50 mi W of Fla 655-A (N section line

of 15

Ground elev.

Check	BS	FS	Elev diff
	25.16	25.18	160.00
		25.16	159.98
		0.02	0.02

57

W-4642

Polk Co.

July 8, 1958

Hot & Cloudy

Sta	BS	HI	FS	Elev.
spot				
elev.	5.57	120.57	4.62	115.00 [±]

W-4642	4.62	120.57	5.56	115.95
spot				
Elev.				115.01

0.60 m. E of old Davenport Rd (33 mi

N of Davenport.)

Cement floor

Check	BS	FS	Elev diff.
	10.19	10.18	115.01
	10.18		115.00
	0.01		0.01

W-2756

US 465-UF

Bm	BS	HI	FS	Elev.
V17	5.56	158.08	8.08	152.52

TP ₁	2.27	152.27	7.97	150.00
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W-2756	7.97	152.27	2.94	144.30
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TP ₂	7.41	156.74	⁴ 8.25	149.33
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V17				152.49
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'No-Cabin Crossing''

Cement floor

'pump house #3'

Check	BS	FS	Elev diff.
	23.21	23.24	152.52
		23.21	152.49
		0.03	0.03

59

W-3768

Polt Co

July 8, 1958

Hot & Chucky

Sta BS HI FS Elev.

Spot
Elev. 8.70 168.70 5.80 160.00^t

W-3768

~~TP~~ 5.80 168.70 5.67 162.90Spot
Elev. 160.03

Ground elev.

Checks BS FS Elev. diff

14.50 14.47 160.03

14.47 160.00

0.03 0.03

59

W-3865

Folk Co

July 9, 1958

Hot + Cloudy

Sta BS HI FS Elev

spot
Elev. 3.15 141.65 5.32 141.50[±]TP₁ 2.82 142.15 6.90 139.33TP₂ 5.46 140.71 4.38 135.25

W-3865 4.38 140.71 5.30 136.33

TP₃ 6.60 142.01 2.84 135.41TP₄ 5.50 144.67 3.12 139.17spot
Elev. 141.55

Water elev. (irrigation ditch)

Bm #1 4.05 139.88 5.67 135.83

TP₁ 2.97 137.18 9.37³⁷ 134.21Water
level 127.81intersection of dirt Rd + Old Polk City Rd.
1.25 mi. E of Orangevale

Ground elev.

Retrace

Check:

BS	FS	Elev. diff.
27.96		141.55
27.91	27.96	
	27.91	141.50
	0.05	0.05

American Cyn. Co.

60

W-3867

Polk Co

July 9, 1958

Hot + Cloudy

Sta	BS	HI	FS	Elev
Water	6.55	134.09		
level	0.27	134.63	4.79	127.81
	<u>6.18</u>			129.30
W-3867	4.79	134.09	6.44	129.84
			0.37	
Water			<u>6.27</u>	
level				127.82

irrigation ditch

Ground elev. Cement base

Check	BS	FS	Elev diff
	11.07	11.06	127.82
	<u>11.06</u>		<u>127.81</u>
	0.01		0.01

W-3866

Water	7.73			
level	0.19	135.35	6.01	127.81
	7.54			
W-3866	6.01	135.35	7.78	129.34
			0.29	
Water			<u>7.49</u>	
elev.				127.86

irrigation ditch

Ground elev.

Check	BS	FS	Elev diff
	13.55	13.50	127.86
	<u>13.50</u>		<u>127.81</u>
	0.05		0.05

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$$\frac{a}{b}$$

$$\frac{C}{A+B}$$

$$+B)$$

by the
10.4 ft.
10' =

slope
in the
allow-
= .0041.

e dist-
= 14 ft.
ft.

U.S.A.