

1969

CRAMER
EDENS

1969

BOOK #3

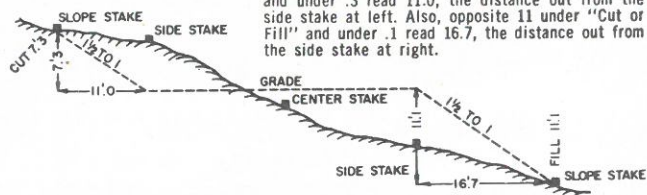
SARASOTA
CO.

SA

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	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
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

BOOK #3

CRAMER AND EDENS
SUMMER 1969

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The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

KEUFFEL & ESSER CO.

W-6675	BS	LEVEL	FS	ELEV
BM				14.39
TP ₁	4.48	18.87	4.10	14.77
	5.47	20.14	5.45	14.79 GROUND
			4.80	15.34 CONCRETE

Corrected Elev

14.79 GROUND

15.44 CONCRETE

SARASOTA CO

AUGUST 29, 1969

CITY OF VENICE #37

BM-W-6673, SEE P 78, BOOK #2 (C+E '69)

WARM, PARTLY CLOUDY AFTERNOON

JEFF-LEVEL

MARK-ROD

LOCATION - SEC 8, T39S, R19E, NE $\frac{1}{4}$ of SE $\frac{1}{4}$

WELL LOCATED IN LOCKED
PUMP HOUSE. ELEVATIONS
TAKEN AT GROUND LEVEL
AND AT LEVEL OF
CONCRETE FLOOR OF
BUILDING.

W-6679	BS	LEVEL	FS	ELEV.
BM				15.44 15.34
TP	5.10	20.44	4.93	15.51 GROUND
			4.28	16.16 CONCRETE

Corrected Elev.

15.61 Ground

16.26 Concrete

SARASOTA CO.

AUGUST 29, 1969

CITY OF VENICE #38

BM-W-6675 SEE P. 1 THIS BOOK

WARM, PARTLY CLOUDY AFTERNOON

JEFF-LEVEL

MARK- ROD

LOCATION - SEC 9, T39S, R19E, NW $\frac{1}{4}$ of SW $\frac{1}{4}$

WELL LOCATED IN LOCKED
PUMP HOUSE. ELEVATIONS
TAKEN AT GROUND
LEVEL AND AT LEVEL
OF CONCRETE FLOOR
OF BUILDING.

W-6676
W-7938

BS

LEVEL

FS

ELEV

~~16.26~~
~~16.16~~

BM

TP₁

3.50

19.66

4.38

15.28

TBM

TP₂

4.51

19.79

5.10

14.69

5.13

19.82

5.08

~~14.71~~ GROUND

4.68

~~15.24~~ CONCRETE

Connected Elev.

14.84 Ground

15.24 Concrete

SARASOTA CO.

AUGUST 29, 1969

CITY OF VENICE #40N
#40

BM - W-6679 SEE P. 2, THIS BOOK

WARM, PARTLY CLOUDY AFTERNOON

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 9, T39S, R19E, SW $\frac{1}{4}$ of NW $\frac{1}{4}$

WELL LOCATED IN LOCKED

PUMP HOUSE. ELEVATION

TAKEN AT GROUND LEVEL

AND AT LEVEL OF

CONCRETE FLOOR OF

BUILDING

(BOTH WELLS UNDER

SAME STRUCTURE)

W-6677
W-7939

BS

LEVEL

FS

ELEV

BM

TP₁

TP₂

4.02

19.16

5.19

13.97

4.93

18.90

4.81

~~14.09~~ GROUND

4.42

~~14.48~~ CONCRETE

Corrected Elev.

14.19 Ground

14.58 Concrete

SARASOTA CO.

AUGUST 29, 1969

CITY OF VENICE #41/N
#41

BM - W-7938, P3 THIS BOOK

WARM, PARTLY CLOUDY AFTERNOON

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 9, T39E, R19E, SW $\frac{1}{4}$ of NW $\frac{1}{4}$

WELL LOCATED IN LOCKED
PUMP HOUSE. ELEVATIONS
TAKEN AT GROUND LEVEL
AND AT LEVEL OF
CONCRETE FLOOR OF
PUMP HOUSE.

(BOTH WELLS UNDER
SAME STRUCTURE)

W-6680

W-7940

BS

LEVEL

FS

ELEV

~~15.38~~
~~15.28~~

BM

TP

4.71

19.99

4.90

4.43

~~15.39~~ GROUND~~15.56~~ CONCRETE

Corrected Elev.

15.19 Ground

15.66 Concrete

SARASOTA CO.

AUGUST 29, 1969

CITY OF VENICE #42W
#42

BM-TBM FROM RING ON W-7938 SEC P. 3

WARM-PARTLY CLOUDY AFTERNOON

UGFF-LEVEL

MARK-ROD

LOCATION-SEC 9, T39S, R19E, SW $\frac{1}{4}$ of NW $\frac{1}{4}$

WELL LOCATED IN LOCKED
PUMP HOUSE. ELEVATIONS
TAKEN AT GROUND LEVEL
AND AT LEVEL OF
CONCRETE FLOOR OF
BUILDING.

(BOTH WELLS IN SAME
STRUCTURE)

W-7941	BS	LEVEL	FS	ELEV
BM				15.66 15.55
TP ₁	3.85	19.41	3.59	15.82 GROUND

Corrected Elev
15.92 Ground

SARASOTA CO.

AUGUST 29, 1969

CITY OF VENICE #43W

BM-W-7940 SEE P. 5 THIS BOOK

WARM, PARTLY CLOUDY AFTERNOON

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 9, T39S, R19E, SW $\frac{1}{4}$ of NW $\frac{1}{4}$

WELL LOCATED IN LOCKED
PUMP HOUSE. ELEVATION
TAKEN AT GROUND LEVEL
AND AT LEVEL OF
CONCRETE FLOOR OF
BUILDING.

W-7937

BS

LEVEL

FS

ELEV

BM

10.19

TP₁

7.25

17.44

4.62

12.82

TP₂

6.46

19.28

5.56

13.72

TP₃

4.91

18.63

4.89

13.74

TP₄

5.33

19.07

4.77

14.30

GROUND

TP₅

SARASOTA CO.

SEPTEMBER 2, 1969

CITY OF VENICE #25

BM - TBM FROM LINE ON W-6672

ORIGINAL BM

USCGS X38 1933 EL. 7.756

WARM, PARTLY CLOUDY MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 8, T39S, R19E, SW $\frac{1}{4}$ of SW $\frac{1}{4}$

ELEVATION TAKEN AT

GROUND LEVEL BESIDE

LOCKED PUMP HOUSE.

14.30

W-8112

BS

LEVEL

FS

ELEV

BM

14.16

TP₁

4.99

19.15

4.30

14.85

TP₂

6.61

21.46

4.92

16.54

TP₃

6.09

22.63

6.47

16.16 GROUND

TP₄

6.03

16.60 CASING

SARASOTA CO.

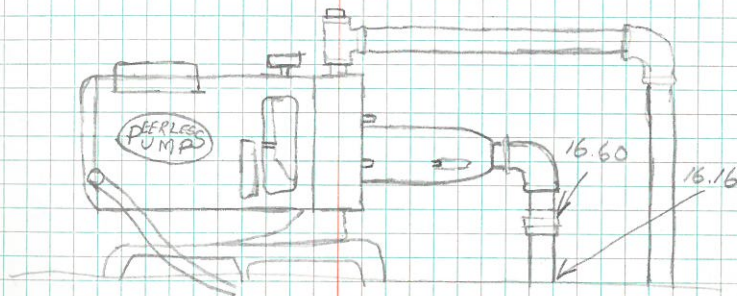
SEPTEMBER 2, 1969

OWNER - CORAL COVE, INC.
KING'S TABLE RESTAURANTBM - SARASOTA COUNTY ENGINEERS
BM #111, ELEVATION 14.16

COOL, PARTLY CLOUDY MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 21, T37S, R19E, NW $\frac{1}{4}$ of SW $\frac{1}{4}$ 

W-8066

BS

LEVEL

FS

ELEV

BM

14.16

TP₁ 4.54 18.70 4.39 14.31TP₂ 4.86 19.17 3.76 15.41TP₃ 4.96 20.37 5.54 14.83TP₄ 4.08 18.91 3.03 15.88TP₅ 4.13 21.01 4.12 16.89TP₆ 4.29 21.18 7.18 14.00TP₇ 6.95 20.95 5.55 15.40TP₈ 5.41 20.81 4.91 15.90TP₉ 6.34 22.24 4.20 18.04TP₁₀ 5.12 23.16 5.40 17.76TP₁₁ 5.81 23.57 4.90 18.67TP₁₂ 5.72 24.39 5.05 ~~19.34~~ GROUND348 ~~20.91~~ CASING

Corrected Elev.

18.34 Ground

19.91 Casing

SARASOTA CO.

SEPTEMBER 2, 1969

OWNER - FLA. CITIES WATER CO.

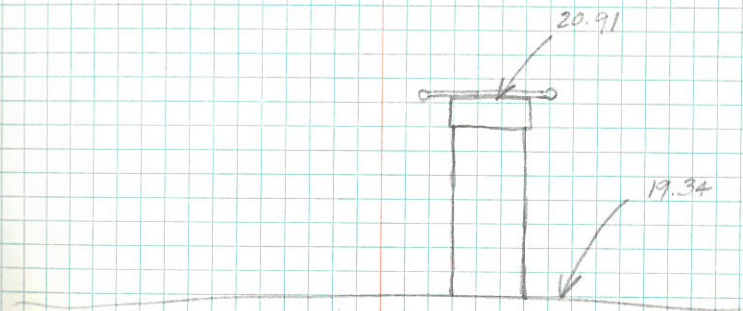
BM - SARASOTA COUNTY ENGINEERS

BM #111 ELEVATION 14.16

COOL, PARTLY CLOUDY MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 16, T37S, R18E, NE $\frac{1}{4}$ of SW $\frac{1}{4}$ 

W-8045

BS

LEVEL

FS

ELEV

BM

90.53

TP₁

5.90

96.43

4.13

92.30

TP₂

5.35

97.65

4.67

92.98

TP₃

5.09

98.07

4.27

93.80

TP₄

5.65

99.45

4.04

95.41

TP₅

4.82

100.23

4.72

95.51

TP₆

5.16

100.67

5.11

95.56

TP₇

4.85

100.41

4.61

95.80

TP₈

4.54

100.34

4.68

95.66

CASING

TP₉

5.14

95.20

GROUND

SARASOTA CO.

SEPTEMBER 3, 1969

OWNER - FLYING M RANCH

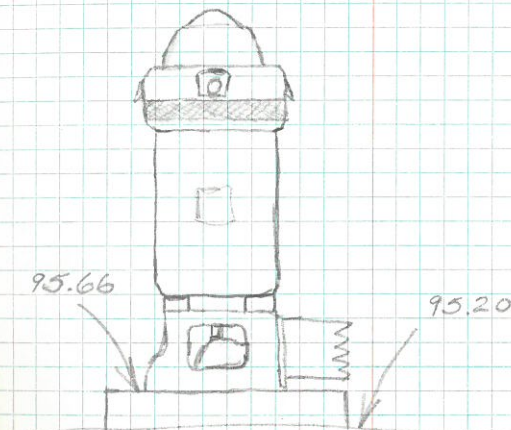
BM - VERNA VERNA TRIANGULATION

"VERNA 1934" ELEVATION 90.531

0004, PARTLY CLOUDY BREEZY MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 11, T36S, R20E, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 

W-5314	BS	LEVEL	FS	ELEV	
BM				11.72	
TP ₁	2.42	14.14	3.15	10.99	
TP ₂	6.95	17.94	6.78	11.16	
TP ₃	2.96	14.12	6.09	8.03	
TP ₄	3.45	11.48	5.83	5.65	
TP ₅	5.10	10.75	4.83	5.92	GROUND
			4.32	6.43	CASING

SARASOTA CO

SEPTEMBER 4, 1969

OWNER - CITY OF SARASOTA

BM - SRD DISC IN HEADWALL N. END OF
WHITAKER BAYOU BRIDGE.
ELEVATION 11.72 BY CITY OF SARASOTA
ENGINEERS

COOL, CLEAR MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC 13, T36S, R17E, SE $\frac{1}{4}$ of NE $\frac{1}{4}$

WELL LOCATED IN LOCKED

PUMP HOUSE. ELEVATIONS

TAKEN AT GROUND LEVEL

AND AT LEVEL OF CONCRETE

FLOOR OF BUILDING.

W-8043

BS

LEVEL

FS

ELEV

BM

10

ASSUMED

TP₁

3.31

13.31

5.03

8.28

TP₂

4.37

12.65

4.71

7.94

TP₃

2.58

10.52

4.81

5.71 GROUND

3.89

6.63 CASING

CORRECTED ELEVATIONS

GROUND

CASING

SARASOTA CO

SEPTEMBER 4, 1969

OWNER - KERMIT REYNOLDS

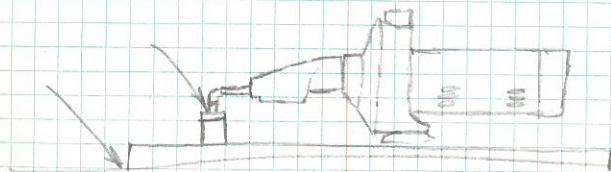
BM - USC&GS Z 255 1965

~ EL 10

WARM, PARTLY CLOUDY AFTERNOON

JEFF - LEVEL

MARK - ROD

LOCATION SEC 36, T39S, R20E, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ 

W-7706	BS	LEVEL	FS	ELEV	
BM				26	
TP ₁	4.35	30.35	4.88	25.47	
TP ₂	2.91	28.38	6.00	22.38	
TP ₃	3.25	25.63	5.04	20.59	
TP ₄	5.75	26.34	5.26	21.08	
TP ₅	3.51	24.59	8.10	16.49	
TP ₆	3.82	20.31	5.05	15.26	
TP ₇	8.71	23.97	3.75	20.22	GROUND

SARASOTA CO.

SEPTEMBER 5, 1969

OWNER USGS

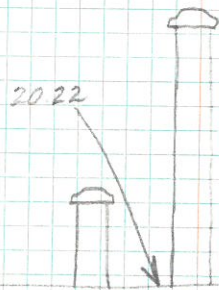
BM - TOPO RD. ELEVATION 26'

WARM, CLEAR MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC



W-7836

BS

LEVEL

FS

ELEV

BM

20

TP₁ 2.89 22.89 5.31 17.58TP₂ 4.99 22.57 4.85 17.72TP₃ 5.42 23.14 4.91 18.23TP₄ 6.27 24.50 3.66 20.84TP₅ 5.01 25.85 7.63 18.22 GROUND

6.35 19.50 PIPE

SARASOTA CO

SEPTEMBER 5, 1969

OWNER - GEORGE ADAMS

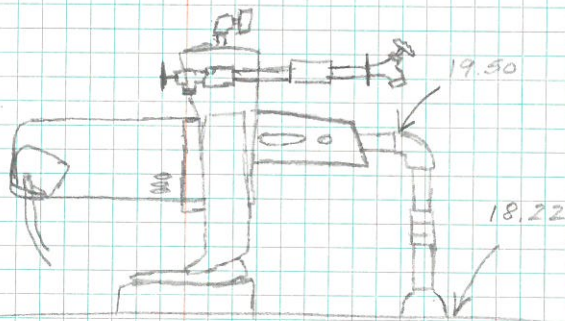
BM - TOPO RD ELEVATION 20'

HOT, PARTLY CLOUDY MORNING

JEFF - LEVEL

MARK - ROD

LOCATION - SEC -



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5

6680

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6

7941

7

7937

8

8112

9

8066

10

8045

11

5314

12

8043

LOOK UP
BM

13

7706

14

7836

15

16

17

18

19

20

21

22

23

24

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78