

1593



ENGINEER'S  
LEVEL BOOK

No. 410F

# EUGENE DIETZGEN CO.

DRAWING MATERIALS, MATHEMATICAL and  
SURVEYING INSTRUMENTS

Chicago New York San Francisco New Orleans Pittsburg Toronto

Distances from Center of Roadway for Cross-Sectioning  
Roadway 16 feet wide. Side Slopes 1 on 1.  
For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be  $30.6 + (20 - 16) \div 2$  or 2 ft. added to 30.6 = 32.6. For slopes of 1 on 1 1/2 see inside of back cover.

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# 1593

ENGINEERING DEPARTMENT  
CITY OF SAN DIEGO,  
CALIFORNIA.

The paper stock of this book is made of a high grade 50% rag paper having a water resisting surface. This book is sewed with Bing Special Enamel Waterproof Thread.

Made in U. S. A.

X-Section of Haines St. 80' wide  
Diamond to Beryl. 20' cbs. 10' 1/4.

	+	π	-	Eleu.
cf. on $\Phi$ Diamond				
+ E.L. Ingram	0.25	83.84		83.59
T.P.				
S. end return Haines + Diamond.		7.58		76.26

7.51      83.77

50' S. of S.L. Diamond

W.L.		8.2	75.6
cb		8.5	75.3
1/4		8.6	75.2
$\Phi$		8.4	75.4
1/4		8.3	75.5
gutter = drain ditch		8.9	74.9
cb.		8.1	75.7
E.L.		8.0	75.8

0+00 = S.L. Diamond

E.L.		7.1	76.7
cb. on con.		7.51	76.26
gut.		8.3	75.5
1/4		7.3	76.5
$\Phi$		7.1	76.7

INDEVED  
EPB

+

π

-

1

1/4		83.77	6.8	77.0
cb.			7.1	76.7
W.L.			6.8	77.0
S. cb. Diamond				

W.L.			6.9	76.9
cb.			6.9	76.9
1/4			6.8	77.0
$\Phi$			7.2	76.6
1/4			7.4	76.4
cb.			7.6	76.2

E.L. Top con. cb.			7.28	75.69
E. gut. = W. end 10' Con. strip pave.			7.90	75.87
+50' E. Top con. cb.			6.89	76.88
gut.			7.59	76.18
+100' E. Top con. cb.			6.53	77.24
gut			7.22	76.55

cb. + 7'

W.L.			8.2	75.6
cb.			8.0	75.8
1/4			7.8	76.0
$\Phi$			7.7	76.1

83.77

 $\frac{1}{4} + 4' =$  S. edge of Strip pave. Conc.

100' E. of E.L. on con.	6.70	77.07
50' " " " " "	7.00	76.77
E.L. on con.	7.53	76.24
cb. " "	7.85	75.92
$\frac{1}{4}$ " "	7.78	75.99
E " "	7.71	76.06
$\frac{1}{4}$ " "	7.64	76.13
cb. " "	7.54	76.23
W.L. " "	7.40	76.37
50' W. " "	8.00	75.77
100' W. " "	8.64	75.13

E = E Strip pave.

W.L. on con	7.33	76.44
cb. " "	7.38	76.39
$\frac{1}{4}$ " "	7.47	76.30
E " "	7.53	76.24
$\frac{1}{4}$ " "	7.59	76.18
cb. " "	7.68	76.09
E.L. " "	7.46	76.31

83.77

 $\frac{1}{4} + .5' =$  N. edge of strip pave.

- 100' E. on con.	6.63	77.14
- 50' E. " "	6.97	76.80
E.L. " "	7.50	76.27
cb. " "	7.64	76.13
$\frac{1}{4}$ " "	7.56	76.21
E " "	7.49	76.28
$\frac{1}{4}$ " "	7.42	76.35
cb. " "	7.39	76.38
W.L. " "	7.39	76.38
+ 50' W. " "	7.94	75.83
+ 100' W. " "	8.54	75.23

 $\frac{1}{4} + 5'$ 

W.L.	8.0	75.8
cb.	7.9	75.9
$\frac{1}{4}$	7.8	76.0
E	7.8	76.0
$\frac{1}{4}$	7.7	76.1
cb.	7.7	76.1
E.L.	7.6	76.2

83.77

N. cb.

E.L.	5.8	78.0
cb.	5.8	78.0
1/4	5.8	78.0
⊕	6.0	77.8
1/4	6.7	77.1
cb.	6.5	77.3
W.L.	6.5	77.3

0+00 = N.L. Diamond

W.L.	6.0	77.8
cb.	5.8	78.0
1/4	6.2	77.6
⊕	5.7	78.1
1/4	5.4	78.4
cb.	5.6	78.2
E.L.	6.0	77.8

0+50

E.L.	4.9	78.9
cb.	5.1	78.7
1/4	4.9	78.9

93.77

3

⊕	5.1	78.7
1/4	5.2	78.6
cb.	5.0	78.8
W.L.	5.3	78.5
	1+00	
W.L.	4.6	79.2
cb.	4.5	79.3
1/4	4.3	79.5
⊕	4.3	79.5
1/4	4.3	79.5
cb.	4.3	79.5
E.L.	4.5	79.3

1+24

W.L. + 15' = Power Pole .8 diam.

1+35 = ⊕ E. + W. Alley

⊕ on rim of Sewer M.H. 3.96 79.81

1+50

E.L.	3.5	80.3
cb.	3.4	80.4
1/4	3.6	80.2
⊕	3.3	80.5

83.77

1/4 3.4 80.4

cb. 3.5 80.3

W.L. 3.7 80.1

2+00

W.L. 2.9 80.9

cb. 2.5 81.3

1/4 2.6 81.2

E 2.2 81.6

1/4 2.4 81.4

cb. 2.5 81.3

E.L. 2.7 81.1

2+35

E.L. 1.8 82.0

cb. 1.8 82.0

1/4 2.2 81.6

E 1.7 82.1

1/4 1.8 82.0

cb. 1.7 82.1

W.L. 1.9 81.9

83.77

2+70.61 = S.L. Missouri st.

W.L. 1.1 82.7

cb. 1.0 82.8

1/4 0.9 82.9

E 0.7 83.1

1/4 1.0 82.8

cb. 1.4 82.4

E.L. 1.2 82.6

Mon. SW. 7' Miss.

T.P. 12.00 94.51 1.26 82.51

S curb

E 11.5 83.0

cb. 11.7 82.8

1/4 11.5 83.0

C 11.2 83.3

1/4 11.1 83.4

cb. 11.5 83.0

W 11.4 83.1

S 1/4

W 11.2 83.3

4

80' wide  
20' curbs  
10' 1/2"

94.51

cb 11.1 83.4

1/4 11.0 83.5

c 11.1 83.4

1/4 11.2 83.3

cb 11.4 83.1

E 11.2 83.3

E

E 10.5 84.0

cb 10.6 83.9

1/4 10.6 83.9

c 10.9 83.6

1/4 10.7 83.8

cb 10.9 83.6

W 10.9 83.6

N 1/4

W 10.6 83.9

cb 10.4 83.9

1/4 10.4 84.1

c 10.5 84.0

1/4 10.4 84.1

94.51

5

cb 10.6 83.9

E 10.5 84.0

N cb

E 10.4 84.1

cb 10.5 84.0

1/4 10.4 84.1

c 10.2 84.3

1/4 10.3 84.2

cb 10.4 84.1

W 10.5 84.0

0 + 0 = N.L. Miss

W 10.2 84.3

cb 10.2 84.3

1/4 10.1 84.4

c 9.8 84.7

1/4 10.0 84.5

cb 10.1 84.4

E 10.2 84.3

0 + 50

E 9.4 85.1

94.57

cb	9.2	85.3
1/4	9.4	85.1
c	9.0	85.5
1/4	9.2	85.3
cb	9.2	85.3
w	9.3	85.2

1400

w	8.0	86.5
cb	8.0	86.5
1/4	7.8	86.7
c	7.7	86.8
1/4	8.1	86.4
cb	7.9	86.6
E	8.3	86.2

1750

E	7.0	87.5
cb	6.9	87.6
1/4	6.7	87.8
c	6.5	88.0
1/4	6.5	88.0

94.51

6

cb	6.9	87.6
w	6.4	88.1
2400		
w	5.2	89.3
cb	5.5	89.0
1/4	5.2	89.3

c	5.0	89.5
1/4	5.3	89.2
cb	5.3	89.2
E	5.6	88.9

2435

E	4.4	89.9
cb	4.4	90.1
1/4	4.4	90.1
c	4.2	90.3
1/4	4.1	90.4
cb	4.4	90.1
w	3.8	90.7

2469.855 L Chalcedony

w	2.9	91.6
---	-----	------

80' wide  
20 cbs  
10' 1/4 S



94.51

cb 2.6 91.9

1/4 2.7 91.8

c 2.6 91.9

1/4 3.1 91.4

cb 3.3 91.2

E 3.3 91.2

S curb

E 2.2 92.3

cb 2.4 92.1

1/4 2.3 92.2

c 2.2 92.3

1/4 2.1 92.4

cb 2.2 92.3

W 2.4 92.1

S 1/4

W 2.2 92.3

cb 2.0 92.5

1/4 2.0 92.5

c 2.0 92.5

1/4 2.2 92.3

94.51

7

cb 2.0 92.5

E 1.8 92.7

E

E 1.6 92.9

cb 1.5 93.0

1/4 1.6 92.9

c 1.7 92.8

1/4 1.5 93.0

cb 1.5 93.0

W 1.8 92.7

N 1/4

W 1.6 92.9

cb 1.3 93.2

1/4 1.4 93.1

c 1.4 93.1

1/4 1.3 93.2

cb 1.1 93.4

E 1.2 93.3

N/cb

E 1.1 93.4

94.51

cb	1.2	93.3
1/4	1.1	93.4
c	1.0	93.5
1/4	1.1	93.4
cb	1.4	93.1
w	1.4	93.1

N.L. Chalcidomy = 0400

w	0.9	93.6
cb	0.9	93.6
1/4	0.5	94.0
c	0.6	93.9
1/4	0.4	94.1
cb	0.3	94.2
F	0.4	94.1

T.P. 11.29 105.55 0.25 94.26

0+50

F	9.8	95.8
cb	9.8	95.8

105.55

8

1/4	9.9	95.7
c	10.0	95.6
1/4	9.8	95.8
cb	10.1	95.5
v	10.4	95.2

1+00

w	8.6	97.0
cb	8.6	97.0
1/4	8.3	97.3
c	8.4	97.2
1/4	8.1	97.5
cb	8.2	97.4
F	8.2	97.4

1+50

F	6.7	98.9
cb	6.5	99.1
1/4	6.5	99.1
c	6.3	99.3
1/4	6.4	99.2
+3	7.0	98.6

105.55

+6 4.7 98.9

cb 7.0 98.6

W 6.9 98.7

2+00

W 5.3 100.3

cb 5.5 100.1

+8 5.1 100.5

1/4 4.0 99.6

+2 5.4 100.2

c 5.1 100.5

1/4 4.9 100.7

cb 5.1 100.5

E 4.9 100.7

2+35

E 4.1 101.5

cb 3.8 101.8

1/4 3.8 101.8

c 3.9 101.7

+3 3.8 101.8

+5 4.7 100.9

9

105.55

1/4 4.1 101.5

cb 4.1 101.5

W 4.3 101.3

2+49.84 = SL Lane St 80wid

W 3.4 102.2 20 cbs  
10 1/4

cb 3.1 102.5

1/4 3.0 102.6

+3 3.0 102.6

+7 4.0 101.6

c 3.1 102.5

1/4 2.7 102.9

cb 2.8 102.8

F 2.5 103.1

S cb

E 1.7 103.9

cb 2.0 103.6

1/4 1.9 103.7

c 2.3 103.3

+3 3.6 102.0

+6 2.7 102.9

105.55

1/4	2.7	102.9
cb	2.7	102.9
W	2.5	103.1
S 1/4		
W	2.0	103.6
cb	2.3	103.3
1/4	2.1	103.5
+4	2.1	103.5
+6	3.3	102.3
C	1.9	103.7
1/4	1.7	103.9
cb	1.7	103.9
E	1.5	104.1

E LAW ST.

E	1.1	104.5
cb	1.4	104.2
1/4	1.8	103.8
C	1.7	103.9
+3	3.4	102.2
+7	2.0	103.6

10

105.55

1/4	1.9	103.7
cb	1.8	103.8
W	1.6	104.0
N 1/4		
W	1.6	104.0
cb	1.4	104.2
1/4	1.4	104.2
+8	1.3	104.3
+8	FL. OUTLET 16" CORR. I.P.C. 334	102.19
C	1.3	104.3
1/4	1.2	104.4
cb	1.2	104.4
E	1.0	104.6

N CURB

E	0.9	104.7
cb	1.1	104.5
1/4	1.1	104.5
C	1.1	104.5
1/4	1.2	104.4
cb	1.2	104.4

	105.55		
W	1.3	104.0	
N c6 +10			
W	1.2	104.4	
c6	1.2	104.4	
1/4	1.2	104.4	
+8	1.2	104.4	
+8	FL. inlet 16" P.P.C	2.76	102.79
C	1.1	104.5	
1/4	1.1	104.5	
c6	1.0	104.6	
E	0.8	104.8	
M.L. Low ST = 0+00			
E	-0.1	105.5	
c6	+0.3	105.9	
1/2	+0.3	105.9	
+5	-0.2	105.4	
+7	1.7	103.9	
C	0.0	105.6	
1/4	0.2	105.4	
c6	0.4	105.2	

	105.55		
W	0.6	105.0	
T.P.	1296	117.57	1.00 104.55
0+50			
W		10.5	107.0
c6		10.5	107.0
1/4		10.2	107.3
C		10.0	107.5
+4		10.2	107.3
+6		10.8	106.7
1/2		10.1	107.4
c6		10.2	107.3
E		10.4	107.1
1+00			
E		8.9	108.6
c6		8.4	109.1
1/2		8.3	109.2
+3		8.6	108.9
+6		8.2	109.3

	117.51		
c		8.5	109.0
1/4		8.6	108.9
cb		8.7	108.8
w		8.5	109.0
	1+25		
w	+19.9	1.5 P. Pole	
	1+50		
w		4.5	111.0
cb		6.7	110.8
1/4		7.0	110.5
c		6.7	110.8
1/4		6.8	110.7
+3		7.3	110.2
+4		6.6	110.9
cb		6.7	110.8
E		5.3	112.2
	2+00		
E		3.1	114.4
cb		3.9	113.6
+5		5.2	112.3

	117.51		
1/4		4.6	112.9
c		4.5	113.0
1/4		5.2	112.3
cb		4.9	112.6
w		4.5	113.0
	2+35		
w		3.3	114.2
cb		3.4	113.9
1/4		3.5	114.0
c		3.0	114.5
1/4		2.8	114.7
+5		3.4	114.1
cb		2.1	115.4
E		1.9	115.6
	2+60.45	END FUTURE RETURNS	
E		1.4	116.1
cb		1.6	115.9
+4		3.0	114.5
1/4		1.6	115.9
c		2.0	115.5

117.50

1/4		2.6	114.9	
cb		2.7	114.8	
W		2.6	114.9	
2+70.45 = S.W. Beryl St. <sup>conc.</sup> Paved				
W		1.8	115.7	
+18.5	Top cb	1.9x	115.56	15.60
+18.5	gUT Pav	2.51	114.99	
cb	"	2.47	115.03	
1/4	"	2.21	115.29	
C	"	2.05	115.45	
1/4	"	2.08	115.42	
cb	"	2.10	115.40	
+1.5	gUT Pav	2.12	115.38	
+1.5	Top curb	1.40	116.10	116.14
E		1.2	116.3	

## 30' R Returns

of Beryl St				
S	cb P.C. on E	Top cb	1.01	116. <sup>40</sup> 50
"	"	W	"	1.73
"	"	"	"	115. <sup>77</sup> 78

116.50

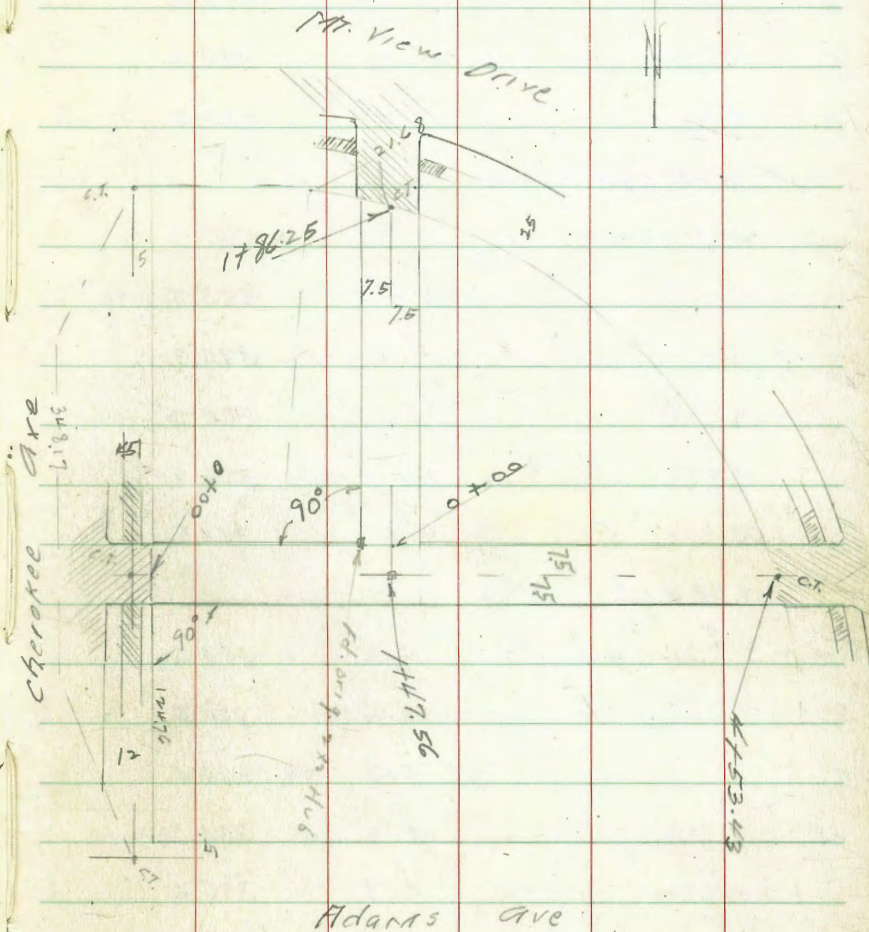
0.17

116.23 ✓

X sec alleys 15' wide

Blk 21 Normal Hrs.

				Adams Cherokee
SEBP	4.34	390.14	385.78	
	E + W alley			
	0-12 F. c6 Cherokee			
S	pav gut.	5.36	384.76	
N	"	5.44	384.70	
	0+00 E Cherokee			
N	c6	6og. cypress hedge Roots 2' back	4.80	385.32
N	pav	5.14	384.98	
C	"	5.15	384.97	
	+ 7.15	"	5.09	385.03
	"	c6	4.74	385.38
	0+20			
S		3.4	386.7	
C		3.8	386.3	
N		3.7	386.4	
	0+50			
N		3.6	386.5	
C		3.9	386.2	

indexed  
c.s.r.Moore  
Osborne  
Hale  
1-3-41.



390.12

C + 7.4	1.2 P.P.	3.4	386.7
	0 + 75		
S		3.9	386.2
C		4.2	385.9
N		4.2	385.9
+ 17	end Cyp. hedge		
	1 + 00		
- 20		4.7	385.4 ↓
N		4.8	385.3
C		5.1	385.0
S		4.6	385.5
+ 15		4.6	385.5 ↓
	1 + 13		
S - 29	§ Sin. gar dirt	5.5	384.6
S		5.4	384.5
C		5.7	384.4
N		5.5	384.6
+ 10		4.9	385.2
	1 + 40.06 w/ alley to N		
N		6.6	383.5

390.12

15

C		6.5	383.6
S		6.2	383.9
	1 + 47.56 E to N		
S		6.5	383.6
C		6.8	383.3
N		4.7	383.4
	1 + 49		
S + 0.6	1.1 P.P. & Tel.		
	1 + 55.06 E + alley to N		
N		6.9	383.2
C		6.9	383.2
S		6.8	383.3
+ 0.1	§ Sin. gar dirt	6.8	383.3
	1 + 61		
S - 0.1	beg. picket fence		
	1 + 80		
S + 0.7	picket "	7.0	383.1
C		7.4	382.5
+ 7	beg. bd. "	7.4	382.7
N		7.4	382.7

390.12

2+00			
-15	9.1	381.0	✓
N	9.4	380.7	
+0.8 Bd. fence	9.2	380.9	
C	9.2	380.9	
S end picket fence	8.6	381.5	
+15	7.6	382.5	✓
2+17			
-15	10.3	379.8	✓
S	9.9	380.2	
C	10.4	379.7	
+6.5 end bd. fence			
" beg. picket "			
N	10.4	379.7	
2+53			
N	12.0	378.1	
+0.5 Picket fence			
C	12.2	377.9	
+7 1.2 P.P. + Tel			
S	11.9	378.2	
+10	12.3	377.8	

16

390.12

T.P		6.58	383.54	for N+S alley
T.P	4.23	381.91	12.44	377.68
2+82				
-15		5.0	376.9	✓
N		4.9	377.0	
+0.3 Picket fence		4.7	377.2	
C S.M.H. Rim		5.03	376.88	
S		4.7	377.2	
+10		4.7	377.2	✓
3+21				
S		4.8	377.1	
C		4.8	377.1	
N		4.9	377.0	
+0.4 end. Picket fence				
" with frame gar.				
3+33 on S for Location shed				

381.91

Locate gar. on N.

3+21

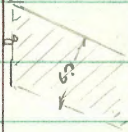
04

Frame  
gar.

3+43

3+51

15'



3+43

N-0.4 Cem. apron 5.15 376.76

N-0.2 &amp; gar Cem 5.14 376.75

3+51

N-0.4 on apron 5.05 376.86

N 5.0 376.9

C 4.7 377.2

S 4.5 377.4

+15 4.7 377.2

3+53

S+0.1 12 P.P.

381.91

17

3+63

N +0.8 &amp; 1' Cem walk 4.85 377.06

3+85

20 5.1 376.8 ✓

S 4.7 377.2

C 5.0 376.9

N 5.1 376.8

+0.5 w/h Cem walk 5.08 376.83

+0.9 S. Cor Frame  
House

4+01

S-0.5 w/h Cem apron 4.86 377.05

S-8.5 " Sin. gar Cem 4.66 377.25

4+03

N on E.H. Cem walk 5.02 376.89

C 5.1 376.8

S 4.9 377.0

+0.5 Cem apron 4.87 377.04

4+12

S-0.5 E.H. Cem " 5.03 376.88

381.91

U+14			
S + 0.1	beg. 6d fence		
U+20			
S	end 6d. U + beg. 6d. Shed		
U+21			
N - 0.1	beg. Lark fence		
U+31			
S + 0.1	<sup>WL</sup> 6d. shed	5.1	3768
S + 0.9	1.3 P.P.		
+ 5		5.9	3760
C		5.8	3761
N		5.5	3764
+ 0.2	Lark fence		
U+41			
S + 0.3	Top in shed		
S - 0.6	" " "		
U+43			
N - 1.6	SE Cor. frame gar.	20	Long
	Entrance to above gar. is on		
	MT. View Drive		

381.91

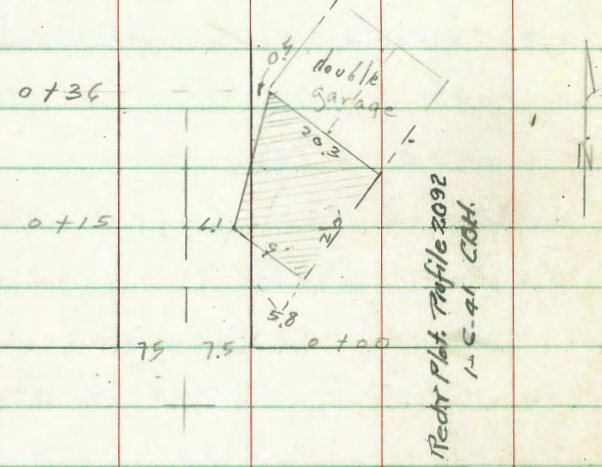
13

U+47.6	WL MT. View Dr.		
N + 0.15	Top c6	6.52	375.39
"	Par.	6.82	375.07
C		6.9	375.0
S		5.8	376.1
U+49			
S - 0.6	EL 6d. shed		
U+53.43	WL MT. View Dr.		of Alley
L	Par.	7.22	374.69
U+57.16	WL MT. View Dr.		
S	Top c6	6.66	375.25
S	Par	7.02	374.89
U+58.16	WL MT. View Dr.		
S	Par. gut	7.61	374.30
N	" "	7.67	374.24

N. & S. alley 15' wide

Bk 21 Normal #75

TP 319 386.73 383.52 P 16  
 N.E. of E & W alley = 0+00  
 0+09  
 E 3.3 383.4  
 E-58 Car Cent approx 0.40 383.33 ↓



0+15  
 E 3.28 383.45  
 +1.4 3.30 383.37  
 C 3.2 383.5  
 W 3.1 383.6

386.73

0+36  
 - 10 1.8 384.9  
 W 3.3 383.4  
 C 3.5 383.2  
 E 3.4 383.3  
 + 0.5 W edge gar. 3.21 383.52 v  
 0+38  
 E +1.3 609. picket fence 1.3 in alley  
 0+58  
 W = 0.3 1.0 P.P.  
 0+62  
 W = 0.6 SE Cor Singar.  
 0+70  
 E + 0.7 W edge 2' walk 4.65 382.08 v  
 E + 1.0 picket fence 0.7 in alley  
 C 4.5 382.2  
 W 4.3 382.4  
 + 0.5 E edge gar. 4.55 382.18 Cent Bot. Fd.  
 " " " 3.75 382.98 Top "

386.73

0+80				
W-56	E Sin garth	3.80	382.91	North Entrance ✓
W-04	E.L. " " "	3.80	382.93	
W	on ground	4.6	382.1	
0+83				
W-04	E.L. <sup>CEM.</sup> Apron	4.17	382.56	Top above garage ✓
0+84				
W-143	S.L. do. <sup>CEM</sup> apron	3.40	383.33	✓
W-18.3	" " garage	2.25	384.48	
1+00				
W-183	N.L. do gar	2.19	384.54	✓ CEM.
W-143	" <sup>CEM</sup> apron	3.40	383.33	
W-8		4.5	382.1	
W		5.0	381.7	
C		4.8	381.9	
+6.7	Picket fence			
+7.1	W.L. 2' <sup>CEM.</sup> walk	5.08	381.65	
1+11				
E + 1.8	to W edge do. trunk Pepper Tree			
	14" diam at ground			

386.73

20

1+14				
W-122	E Sin gar	3.48	383.25	CEM ✓
W	on ground	5.0	381.7	
1+22				
W	beg. 6" <sup>CEM.</sup> Ret. wall	3.19	383.54	Top wall
W 0.4	" " "	5.0	381.7	on ground
"	" " "	5.70	381.03	Bot. wall
C		5.3	381.4	Cypress Hedge planted along inside of wall
+6.9	Picket fence			
+7.3	W.L. 2' <sup>CEM.</sup> walk	5.38	381.35	
1+32				
E + 0.4	end Picket fence			0.4 in alley
E	= W.L. 2' <sup>CEM.</sup> walk	5.49	381.24	walk on line
1+33				
E + 2	<sup>Beg.</sup> of 2' wide Cypress Hedge			trimmed edge 3' in alley
T.P.	3.61	385.07	5.27	381.46
1+49				
E	W.L. 2' <sup>CEM.</sup> walk	4.01	381.06	
	Walk on line			

385.07

C 3.9 381.2

+ 7.1 Bot. Ret. wall 4.35 380.72

+ 7.1 ground 4.0 381.1

+ 7.1 &amp; 3' Step 3.11 381.96

" Top wall 1.74 383.33

/ + 62

E N. end of <sup>1</sup> Cem. <sup>2</sup> walk 4.25 380.82

/ + 65

W Top wall 2.00 383.07

+ 0.4 ground 4.5 380.6

+ 0.4 Bot. wall 4.9 380.2

C 4.9 380.2

E 4.7 380.4

/ + 80

E 6.0 379.1

C 6.1 379.0

+ 7.2 ground 5.1 380.0

+ 7.2 Bot. <sup>Ret.</sup> Cem. Wall 5.5 379.6

+ 7.2 Top wall 2.4 382.5

385.07

21

/ + 84.25 &amp; alley 56 Mt. View Dr.

W + 0.30 pav 6.94 378.13

C " 7.34 377.73

+ 6.9 " 7.48 377.59

+ Top cb 7.28 377.79

566 Line Mt. View Drive

E pav gut 8.23 376.84

W " " 7.59 377.48

alley Ret.  
on line  
here

T.P. 820 390.70 257 382.50

check to orig. B.M. 4.92 385.78 385.78

Mount  
Osborne  
Sommermay  
3-21-21

Cross Section Ingelow 70' wide  
Rosecrans to Willow

18' Curbs  
85' 1/4 S

SW B.P.	5.67	8.37	2.75	Garrison Rosecrans
T.P. B.M. sw. 547 Copper disc	11.14	14.50	5.03	3.34 ✓ Ingelow Rosecrans

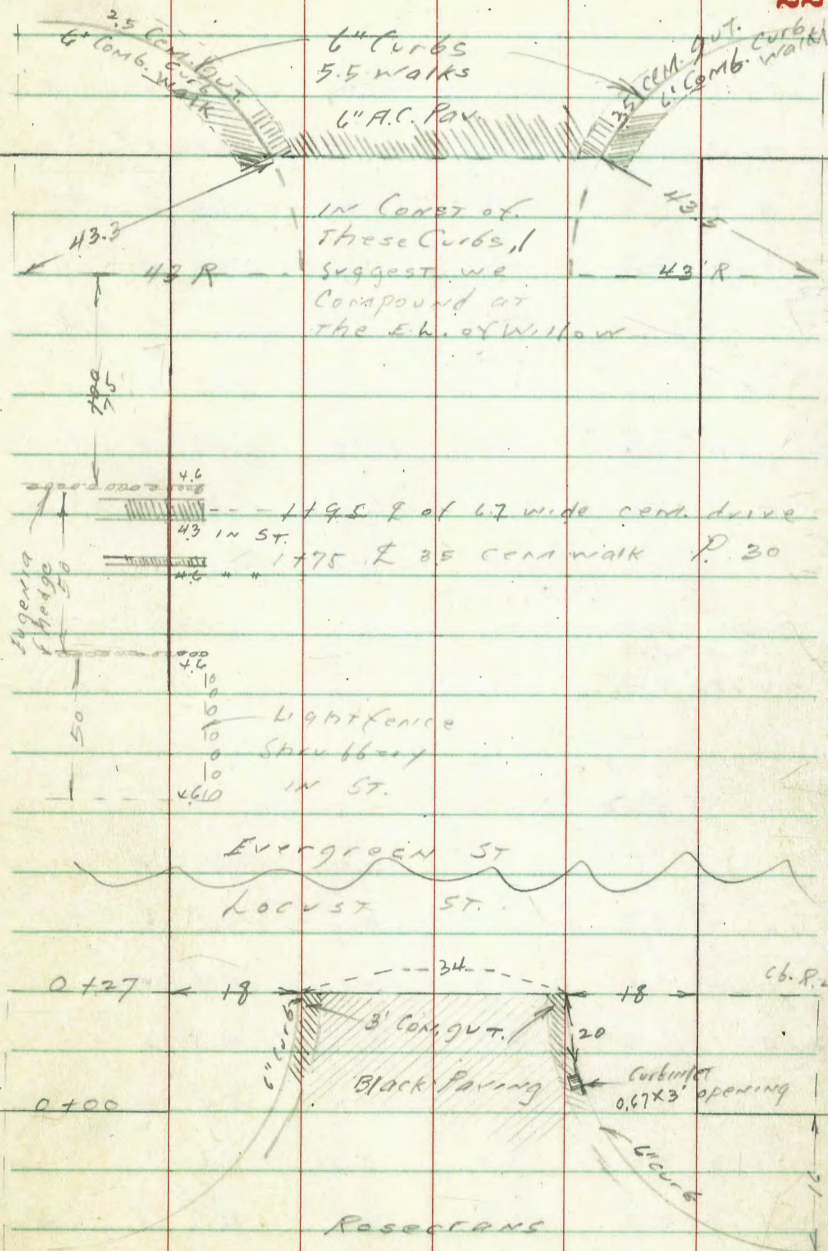
0+0 w/ly Rosecrans

S		10.5	4.0	✓
+83 top cb		10.51	3.99	✓ J
" gut		11.15	3.35	✓ J
cb pav	Plotted 3-25-41 Profile # 2587-CBM.	11.65	3.45	✓
1/4 "		10.90	3.60	✓
c "		10.84	3.66	✓
1/4 "		10.85	3.65	✓
cb "		10.86	3.64	✓
+97 gut		10.98	3.52	✓ J
" top cb		10.35	4.15	✓ J
N		10.4	4.3	✓

Index of  
L.M.

Willow St.

22





14.50

0+27 = EC cb

N	10.0	4.5	✓	
Top end cb	10.23	4.27	✓	↓
gvt	10.86	3.64	✓	↓
1/4 Pav	10.69	3.81	✓	
c "	10.63	3.87	✓	↓
1/4 "	10.68	3.82	✓	
gvt	10.84	3.66	✓	↓
Top end cb	10.19	4.31	✓	↓
S	10.0	4.5	✓	

0+40 S + 11 P.P.

0+50

S	10.2	4.3	✓	
cb	10.0	4.5	✓	
1/4	10.1	4.4	✓	
c	9.7	4.8	✓	
1/4	10.0	4.5	✓	
cb	10.4	4.1	✓	
+1	9.8	4.7	✓	

14.50

23

N	10.2	4.3	✓	
1+00				
N	9.0	5.5	✓	
cb	9.1	5.4	✓	
1/4	9.2	5.3	✓	
c	8.8	5.7	✓	
1/4	9.2	5.3	✓	
cb	9.4	5.1	✓	
S	9.4	5.1	✓	

1+25 E of 2.5 E CEM R.G. drive

N-1	8.30	6.20	✓	
N	8.50	5.94	✓	

1+31 E " " " " " " " " " " " "

N-1	8.28	5.22	✓	
N	8.54	5.96	✓	

1+50

S	8.6	5.9	✓	
cb	8.3	6.2	✓	
1/4	8.4	6.1	✓	
c	7.9	6.6	✓	
1/4	8.1	6.4	✓	
cb	8.2	6.3	✓	

14.50

c6 + 11	7.9	6.6	✓
N	8.2	6.3	✓
2 + 00			
N	6.9	7.6	✓
c6	6.6	7.9	✓
+4	6.5	8.0	✓
+5	7.0	7.5	✓
1/4	7.0	7.5	✓
c	6.8	7.7	✓
1/4	7.2	7.3	✓
c6	6.7	7.8	✓
S	7.0	7.5	✓

2 + 01 S + 11 P.P.

2 + 05 = E edge Con. drive

S	6.47	8.03	✓	11' IN ST
S + 11	6.43	8.07	✓	✓

2 + 10 W edge Con. drive

S	6.42	8.08	✓	'
S + 11	6.30	8.20	✓	✓

14.50

24

2 + 28 = E 3' road walk				
S	6.08	8.47	✓	11' IN ST
S + 11	6.10	8.40	✓	✓
2 + 50				
S	5.7	8.8	✓	
c6	5.4	9.1	✓	
1/4	5.9	8.6	✓	
c	5.6	8.9	✓	
1/4	6.0	8.5	✓	
+3	6.0	8.5	✓	
+5	5.3	9.2	✓	
c6	5.4	9.1	✓	
N	5.5	9.0	✓	

3 + 00 Fly Lacustr ST 18' c6s  
70' wide

N	4.4	10.1	✓
c6	4.3	10.2	✓
+5	4.1	10.4	✓
+6	4.8	9.7	✓
1/4	4.7	9.8	✓
c	4.2	10.3	✓
1/4	4.2	10.3	✓

14.50

cb		4.3	10.2	✓
S		4.4	10.1	✓
	E cb			
S		3.6	10.9	✓
cb		3.5	11.0	✓
1/4		3.8	10.7	✓
c		3.2	10.9	✓
1/4		4.1	10.4	✓
+w		4.1	10.4	✓
+3		3.3	11.2	✓
cb		3.5	11.0	✓
N		3.7	10.8	✓
	F			
N		3.3	11.2	✓
cb		3.2	11.3	✓
+5		3.0	11.5	✓
+7		3.8	10.7	✓
1/4		3.7	10.8	✓
c		3.1	11.4	✓
1/4		3.2	11.3	✓

14.50

25

cb		3.3	11.2	✓
S		3.2	11.3	✓
	W cb			
S		2.9	11.6	✓
cb		2.6	11.9	✓
1/4		2.7	11.8	✓
c		2.5	12.0	✓
1/4		3.1	11.4	✓
cb		2.5	12.0	✓
N		2.6	11.9	✓
	W cb + 1/4 + S + 5 = P.P			
	0400 = Wly Locust			
N		2.3	12.2	✓
cb		2.2	12.3	✓
1/4		2.5	12.0	✓
c		2.2	12.3	✓
1/4		2.2	12.3	✓
cb		2.3	12.2	✓
S		1.8	12.7	✓

		14.50		
T.P.	12.63	26.70	0.43	14.07
	0+50			
S			12.1	14.6 ✓
cb			12.3	14.4 ✓
1/4			12.7	14.0 ✓
c			12.8	13.9 ✓
1/4			12.9	13.8 ✓
cb			12.7	14.0 ✓
N			12.7	14.0 ✓
	0+55			
S	♀ 2' E ribbon dr.	11.70	15.00	✓ ✓
	0+59			
S	♀ 2' W rib. dr.	11.70	15.00	✓ 1
	0+84			
S	♀ 3' Cem. Wk	9.10	17.60	✓ ✓
	0+91			
N-4	♀ Sin. garage dirt	11.7	15.00	✓ ✓
	1+00			
N			10.4	16.30 ✓

		26.70		26
cb			10.4	16.3 ✓
1/4			10.5	16.2 ✓
c			10.0	16.7 ✓
1/4			9.7	17.0 ✓
cb			9.1	17.6 ✓
S			8.8	17.9 ✓
	1+06			
N-9.3	♀ 10' wide Sin. gar	10.33	15.37	cem. fl. ✓
	1+37			
N	♀ 3' cem. Wk.	8.07	18.63	✓
	1+50			
S			7.4	19.3 ✓
cb			7.3	19.4 ✓
1/4			7.8	18.9 ✓
c			7.9	18.8 ✓
1/4			8.1	18.6 ✓
cb			7.9	18.8 ✓
N			7.6	19.1 ✓
	1+53.5	♀ 2' E ribbon dr.		
S			7.00	19.70 ✓ ✓

	1+58.5	♀ 2' wide W rib dr.			
S			6.94	19.76	✓ ✓
	1+64				
N	-5.6	♀ 9' Singar	6.89	19.81	✓ ✓ Cem. fl.
	1+77				
S		♀ 3' wide <sup>con.</sup> walk	6.0x	20.66	✓ ✓
	2+00				
N			5.6	21.1	✓
cb			6.2	20.5	✓
1/4			6.2	20.5	✓
c			6.0	20.7	✓
1/4			5.9	20.8	✓
cb			5.4	21.3	✓
	+7	P.P.			
S			5.3	21.4	✓
	2+04	♀ 2' wide E rib <sup>con.</sup> dr.			
S			5.19	21.51	✓ ✓
	2+09	" " W rib dr.			
S			5.12	21.58	✓ ✓

	2+13	♀ 3.5 wide Cem walk			
N			4.55	22.15	✓ ✓
	2+32	♀ 3' wide Cem walk			
S			4.40	22.30	✓ ✓
	2+46				
N		♀ Singar	4.1	22.6	✓ dirt fl.
	2+50				
S			3.6	23.1	✓
cb			3.9	22.8	✓
1/4			4.2	22.5	✓
c			4.2	22.5	✓
1/4			4.1	22.6	✓
cb			4.3	22.4	✓
N			4.0	22.7	✓
	2+85	♀ 3' wide Cem walk			
S-02			1.69	25.01	✓ ✓
T.P.	12.51		37.16	2.05	24.65 ✓
	3+00	Ely Evergreen			70' wide 18' cbs
N			12.3	24.9	✓

cb	12.2	25.0	✓
1/4	12.3	24.9	✓
c	12.5	24.7	✓
1/4	12.6	24.6	✓
cb	11.9	25.3	✓
S	11.9	25.3	✓
E cb			
S	11.3	25.9	✓
cb	11.0	26.2	✓
1/4	11.4	25.8	✓
c	11.4	25.8	✓
1/4	11.3	25.9	✓
cb	11.2	26.0	✓
N	11.2	26.0	✓
♀			
N	10.4	26.6	✓
cb	10.5	26.7	✓
1/4	10.4	26.6	✓
c	10.4	26.6	✓
1/4	10.4	26.8	✓

cb	10.4	26.8	✓
S	10.5	26.7	✓
W cb			
S	9.7	27.5	✓
cb	9.9	27.3	✓
1/4	9.8	27.4	✓
c	9.9	27.3	✓
1/4	10.0	27.2	✓
cb	10.0	27.2	✓
N	10.2	27.0	✓
with Evergreen = 0400			
N	9.1	28.1	✓
cb	9.1	28.1	✓
1/4	9.5	27.7	✓
c	9.1	28.1	✓
1/4	9.1	28.1	✓
cb	9.2	28.0	✓
S	8.8	28.4	✓
0402			
S + 8.6	P.P.		✓

37.16

0450

S	6.7	30.5	✓
cb	6.7	30.5	✓
1/4	6.7	30.5	✓
c	6.8	30.4	✓
1/4	6.8	30.4	✓
cb	6.7	30.5	✓
N	7.5	30.2	✓

0456 = E edge Cem dr.

N-1.6	6.63	30.53	✓	✓
-------	------	-------	---	---

0464 = W edge Cem dr.

N-1.6	6.56	30.60	✓	✓
-------	------	-------	---	---

0469 9 3' wide Cem wtk

S-0.1	5.26	31.90	✓	✓
-------	------	-------	---	---

0479

N-1.7	9 3' wide <sup>5.70</sup>	31.46	✓	✓
-------	---------------------------	-------	---	---

0488

S-0.1	9 2' wide	4.51	32.65	✓	E drive
-------	-----------	------	-------	---	---------

0493

S-0.1	9 2' "	4.38	32.78	✓	W rib dr.
-------	--------	------	-------	---	-----------

37.16

29

1400

N	4.8	32.4	✓
cb	4.5	32.7	✓
1/4	4.7	32.5	✓
c	4.4	32.6	✓
1/4	4.7	32.5	✓
cb	4.4	32.8	✓
S	4.2	33.0	✓

1420

N-2	9 3' Cem wtk	3.65	33.51	✓	✓
-----	--------------	------	-------	---	---

1441 9 2' wide E Cem rib drive

N-2	2.74	34.42	✓	✓
-----	------	-------	---	---

1446 " " W. rib. dr.

N-2	2.73	34.43	✓	✓
-----	------	-------	---	---

1450

S	1.6	35.6	✓
---	-----	------	---

+ 8.6 P.P.

cb	2.4	34.8	✓
----	-----	------	---

1/4	2.4	34.8	✓
-----	-----	------	---

c	2.4	34.8	✓
---	-----	------	---

1/4	2.8	34.4	✓
-----	-----	------	---

cb		2.5	34.7	✓
N		2.7	34.5	✓
T.P.	910	4508	1.18	35.98 ✓
	1475			
S + 4.4	♀ 35 Cem wk.	8.79	36.79	H.L. IN ST. ✓
S	on walk	8.21	36.87	✓
	1495	♀ of	6.7' Cem drive	
S		7.56	37.52	✓
S + 4.3		7.54	37.54	4.3 IN ST. ✓
	2+00			
N		8.1	37.0	✓
cb		8.5	36.6	✓
1/4		8.5	36.6	✓
c		8.1	37.0	✓
1/4		8.0	37.1	✓
cb		7.7	37.4	✓
S		7.6	37.5	✓

	2+50			
S		5.1	40.0	✓
	+ 8.5	P.P.		✓
cb		5.3	39.8	✓
1/2		5.8	39.3	✓
1/4		5.6	39.5	✓
1/2		5.7	39.4	✓
1/4		6.0	39.1	✓
cb		6.5	38.6	✓
N		5.8	39.3	✓
	2+65	N + 3	olive tree	✓
	2+74	"	"	✓
	2+99	"	"	✓
	SE.			
T.P.	7' CT.	396	45.30	37.4 ✓
	IN sidewalk			41.24 ✓
	2+75			
N		5.5	39.8	✓
cb		5.6	39.7	✓
1/4		5.4	40.1	✓



45.30

c		4.9	40.4	✓
1/4		4.9	40.4	✓
+7		5.1	40.2	✓
cb		4.4	40.9	✓
S		4.1	41.2	✓
	2 + 98			
S		3.8	41.5	✓
cb		4.2	41.1	✓
1/4		4.5	40.8	✓
c		4.6	40.7	✓
1/4		4.8	40.5	✓
cb		5.2	40.1	✓
N		5.1	40.2	✓
	3400 = Ely Willow St			
N		4.8	40.5	✓
+103 Top end cb		5.10	40.20	✓ ↓
" gut		5.90	39.40	✓ ↓
cb pav.		5.52	39.78	✓
1/4 "		5.21	40.09	✓
c "		5.04	40.26	✓ ↓
1/4 "		4.97	40.33	✓

45.30

31

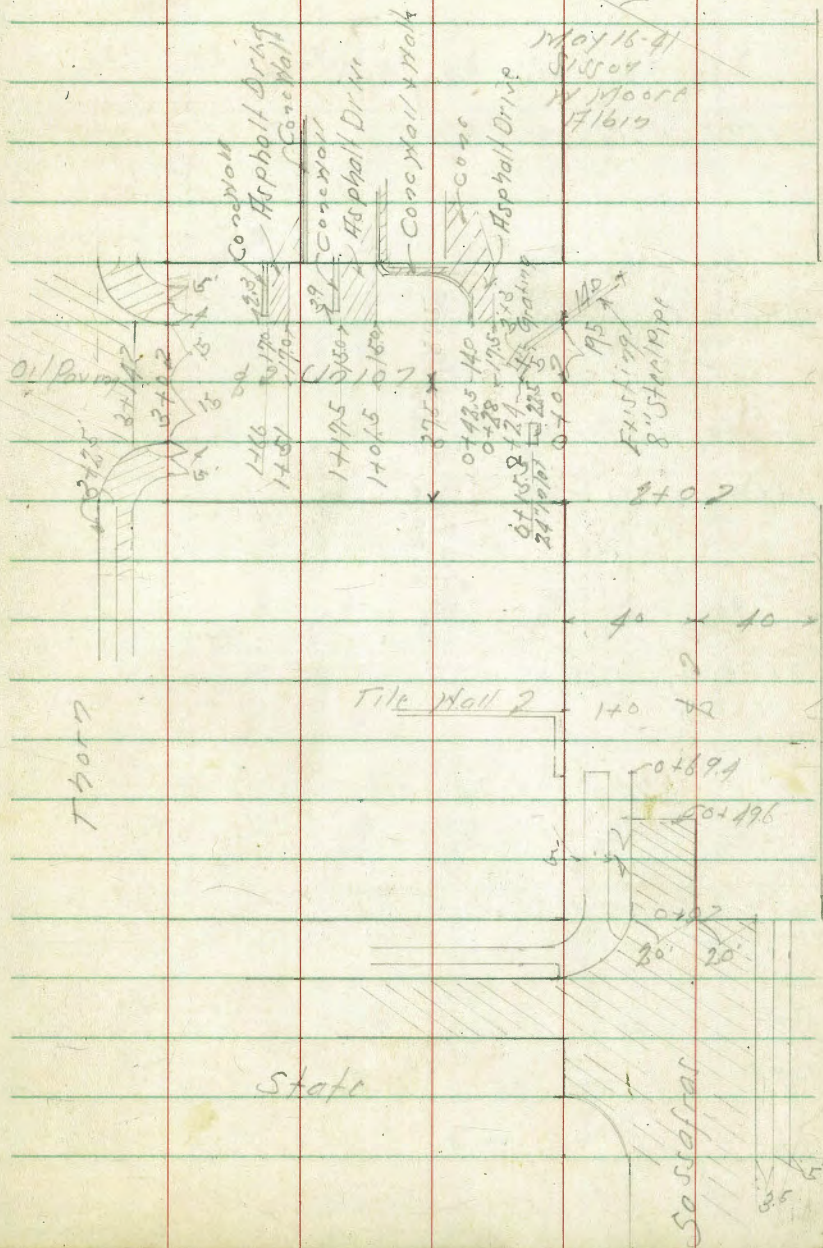
cb pav		4.85	40.45	✓
+790T		4.98	40.32	✓ ✓
" Top end cb		4.13	41.17	✓ ✓
S		3.8	41.5	✓
	E cb of Willow St = 18' curb			
S-25 cb P.C. <sup>TOP</sup>		4.00	41.30	✓
" gut		4.83	40.47	✓
S pav		4.52	40.78	✓
cb "		4.60	40.70	✓
1/4 "		4.62	40.68	✓
c "		4.69	40.61	✓
1/4 "		4.87	40.43	✓
cb "		5.10	40.20	✓
N "		5.63	39.67	✓
+25 gut		6.47	38.83	✓
" cb P.C.		5.65	39.65	✓
T.P.	1217	50.77	6.70	38.60 ✓
T.P.	539	55.53	0.63	50.14
check to S.W.E.P. curb		3.24	52.21	52.26
Willow + Lowell				

Re Cross Section Sassafras St  
State to Division  
Union St. Sassafras to T. barn

Indexed  
LVI

32

Additional Notes Page 60



Cross Sect 109 Sarrasras  
State to Union

0+69.4 = Fly Cb + Walk on 1

0+49.6 = Fly Pav 179

0+25

0+08

TP 890 183.34 0.45 174.41

0+0 = Old FL State 1st

TP 0.45 174.89 10.58 174.44

TP 8.43 185.02 11.34 176.59

BM 0.66 187.93 187.27

U.F.B.R.  
T<sup>20-44</sup>  
State

Redy Plot. on Profile 784  
5+28.41

4:11 2 P1.5

33

185.1 174.7 174.62 174.1 174.5 181.4 177.2 171.5

11.8 86 8.72 9.2 8.8 1.9 61 11.8  
40 29 20-cb 20 20 20 40

174.03 173.41 173.51 181.9 179.1 174.3

9.31 9.93 9.82 1.4 4.2 7.0  
20-cb 20-50 20 20 20

171.46 171.49 181.0 180.5 178.0

11.88 11.45 2.3 2.8 5.0  
20-120-110 20 20 20

170.40 169.81 170.52 180.3 180.5 179.4

12.94 13.53 12.87 2.0 2.8 5.9  
20-cb 20 20 20 20

188.34

169.51 168.89 169.74 169.60 170.24 172.8

5.38 6.00 5.15 5.29 4.65 2.6  
20-cb 20-50 20-50 20-cb 20

174.89

310 = H.L. 40107

TP 6.68 177.98 1204 17130

1775

1755 34' Lt. N/4 Euc. Tr. 18" Diam

1725

170

0780

18334

Lt

Z

Rt

34

173.9 169.8 170.8 159.5 151.0

4/50 82/40 72/30 185 270  
20 = Top cut

17798

174.3 174.1 170.1 170.5 170.8 165.1 161.1 155.6 150.1

90/40 92/38 132/32 128/30 125/9 182 222/6 277/20 232/35 = Top cut

182.5 176.6 170.6 170.6 171.3 161.7 159.4 152.0

08/40 67/31 127/25 127/30 120 215/13 229/30 312/40

183.0 180.9 172.9 173.4 173.3 174.6 168.2 163.2

23/40 24/28 104/30 99 100/8 89/5 151/20 30.1/40

185.3 183.3 179.1 174.3 174.8 178.4 175.9 174.0 168.4

120/40 30 47/32 90/30 85 49/3 72/12 92/20 149/40

185.2 178.1 174.6 174.9 184.1 175.8 170.7

119/40 52/25 84/30 84 32 75/30 121/20

18334

L

Z

R

2+25

17798

172.4	172.5	163.4	156.0	151.6	148.7
76	75	146	220	264	292
70	85	20	10		10 = top cut

17798

Cross Section 41107 St.  
Sarsopras to T507

1+13

1+09

TP 11.19 188.99 0.18 177.80

0+75

0+54

0+21

0+0 = 1/2 Sarsopras

177.98

Red. 2-Plot. 5-28-1940 Profile 882  
C.H.

Lt. 24

2

Pt. E

36

179.10

990  
127.5  
153.0  
57

1940 1920 1817 1811 1809 1798 1762 1761

+15.0 7.30 7.23 7.9 8.1 9.2 12.8 12.98  
37.5 28 13 15 30 31 37-23

188.99

189.7 1860 1763 1762 1765 1763 1757 1721

+11.9 7.80 1.7 1.8 1.5 1.7 2.3 4.9  
37.5 25 19 15 15 29 37.5 387-57

1877 1820 1735 1732 1727 1722 1712 1691 167.41

+8.7 7.40 4.5 4.8 5.3 5.7 6.8 8.9 10.57  
37.5 28 22 15 15 24 28 37.5 2.70  
Conc'd

1765 1764 1709 1704 1703 169.85 1705 1705 1680 164.2

6.5 6 7.1 7.1 7.7 8.13 7.5 7.5 10.0 10.8  
37.5 25 27 15 27 3-2.97  
Conc'd

1698 166.8 1600 1520

Page 34 - 37.5 11.8 180 21.0  
15 37.5

1779.8

TP 9.36 208.92 0.40 199.56

1497

1491

1450

1449

178 Lt = 1/4 Post Pole ✓

1447

TP 11.40 199.96 0.43 188.56

1420

188.99

Lt

Z

R1

37

2024 2025 198.0 196.1 196.0 196.2 196.0 1984

424 425 2.0 3.9 4.0 3.8 4.0 1.6  
37.5 21 15 12 15 28 37.5

2022 2020 198.0 1954 1953 1954 1951 1902

422 420 2.0 4.6 4.7 4.6 4.9 9.8  
37.5 21 15 12 15 33 37.5

1995 1989 1977 1906 1902 1897 1892 1891

0.5 1.1 2.3 9.1 9.8 10.3 10.8 10.9  
37.5 17 15 13 15 25 37.5

188.0

18.0  
37 = 1/4 Cor  
18.000

19996

1962 1944 1869 1848 1845 1841 1835 1833 1792

472 454 2.1 1.2 4.5 4.9 2.5 5.9 9.8  
37.5 25 15 13 15 16 23 33 37.5

188.99

BM 6.96 18726  
 TP 2.02 19422 9.14 19220  
 TP 0.38 20134 7.96 200.96

SEBP  
 720724  
 State  
 18727

3+25 S.C.T. 6000

3+14 - 1/4 oil Paving

3+0 = S.C.T. 6000 18' 1/2 of 1/4 Paving

2+55

2+30

208.92

47 2 71

204.98 204.50 205.36 206.02 206.40 206.6 206.96

3.99 4.42 3.56 2.90 2.52 2.3 1.96  
 37.5 CB 37.5 15 15 15 15 15 37.5 CB

205.25 204.77 204.99 205.44 205.82 205.77 206.38

3.17 4.15 3.93 2.48 2.10 2.15 2.67  
 18.5 CB 18.5 15 15 15 15 18.5 CB

205.7 206.4 204.7 204.6 204.0 204.7 205.2 205.91 206.1 207.2

3.2 2.5 4.2 4.16 4.9 4.9 3.7 3.0 2.8 1.7  
 37.5 26 24 15 CB 15 CB 15 15 CB 14 37.5

203.6 205.0 202.9 201.3 201.5 201.9 201.8 200.7 203.7

5.2 3.9 6.6 7.5 7.4 7.0 7.1 5.3 5.2  
 37.5 30 15 15 15 15 15 30 37.5

203.4 203.9 200.3 199.2 199.2 199.6 200.0 200.9

5.5 5.0 8.6 9.7 9.7 9.3 8.9 8.0  
 37.5 30 15 15 15 15 25 37.5

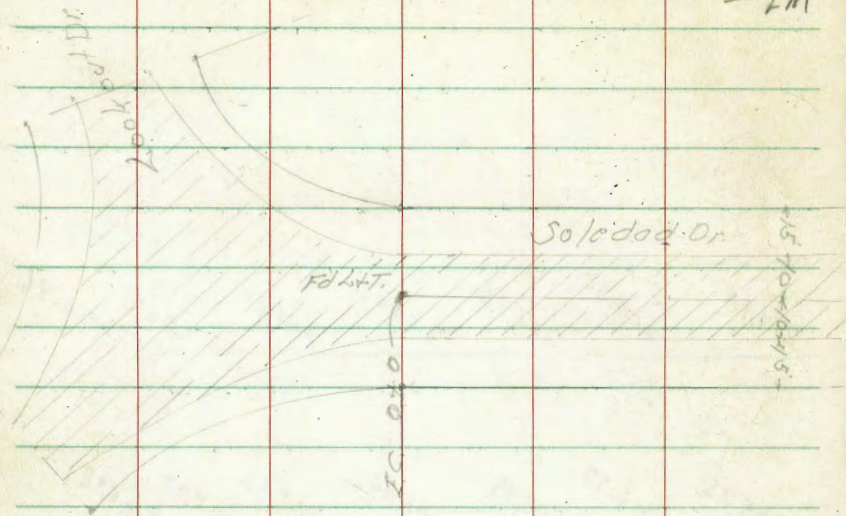
208.92



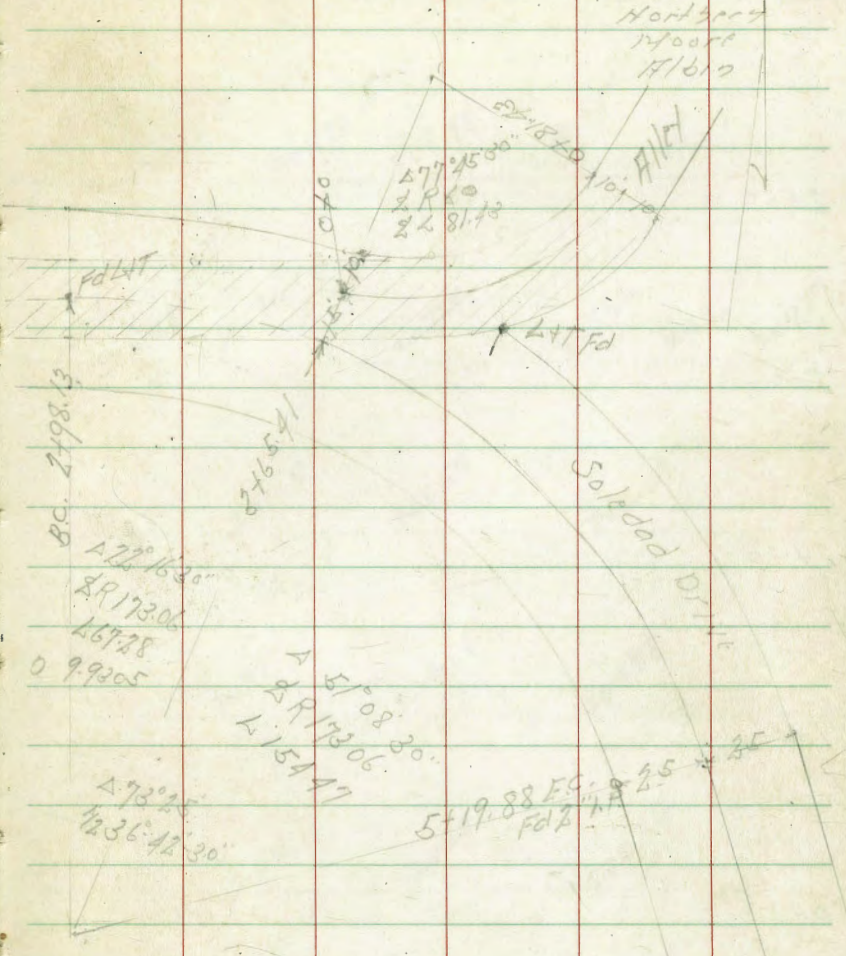
Cross Section Soledad H/ls  
 Lookout Dr. to South End Lo Solla Hills Indexed  
 L.M.

June 18-41  
 S. 115.00  
 North 3007  
 North  
 H/ls

39



BM	12.00	202.45		190.45	Sta B.P. H/ls of index Soledad H/ls
TP	10.55	212.94	0.06	202.89	
TP	9.68	222.22	0.40	212.54	
TP	5.65	227.49	0.88	221.84	
BM	0.13	215.71	11.91	215.58	N.W. Top of Hill Hillside Dr Soledad H/ls
TP	0.22	204.05	11.88	203.83	
TP			1.50	202.55	



BC 2198.13  
 246.54  
 177° 16' 30"  
 2173.06  
 167.78  
 0.99305  
 A 51° 08' 30"  
 2173.06  
 154.47  
 473° 25'  
 1236.42 30"  
 5+19.88 EC  
 Fd 2

Cross Section Soledad Hill  
 Lookout Dr. to South End

2+50

2+0

1+50

1+0

0+50

0+0 = IC East of Lookout Dr.

TP 9.36 21191 202.55 Page 29

Lt = 11

2

191 = 5

40

207.9

208.73

208.98

209.25

210.6

$\frac{8.0}{25}$

$\frac{8.0}{10}$

2.93

$\frac{2.6}{10}$

$\frac{1.3}{25}$

203.4

206.8

206.96

207.39

207.66

208.1

207.5

$\frac{8.5}{25}$

$\frac{5.1}{10}$

$\frac{1.95}{10}$

4.52

$\frac{1.25}{10}$

$\frac{3.0}{15}$

$\frac{1.1}{25}$

205.15

205.55

206.03

$\frac{6.26}{10}$

6.26

$\frac{5.88}{10}$

203.77

204.14

204.58

$\frac{8.4}{10}$

7.77

$\frac{7.32}{10}$

202.11

202.51

202.95

$\frac{9.80}{10}$

9.40

$\frac{8.96}{10}$

200.28

200.84

201.34

$\frac{11.63}{10}$

10.99

$\frac{10.57}{10}$

211.91

4142.64

23° 55' 20"

4140.03

17° 31' 47"

3483

20.5 Rt. - 1/4 Power Polc

3465.11 = PRC on Lt

11° 08' 15"

3431.77

5° 34' 07"

7P

7.87

21930

0.48

21143

249813 BC Pt

21191

41

2101

2140

2140

2138

2213

2261

9.7  
255.5  
255.5  
25

4.5

4.0  
94.8  
25

2093

2136

2143

2148

2213

2249

10.0  
255.7  
16

5.0

4.5  
104.0  
124.5  
25

21238

2136

2149

2223

2235

7.02

5.7

4.4  
154.0  
184.2  
25

2129

21211

21300

2132

2142

2145

2230

4.5

7.9  
256.30  
15

6.1

5.1  
154.8  
254.7  
25

2121

21190

21210

21225

2128

2138

2223

7.2  
257.10  
15

7.20

7.05  
156.5  
156.5  
254.0  
25

21930

2084

2103

21039

21062

21081

2137

2181

2.5  
251.5  
151.5  
101.0  
601.0  
101.5  
201.5  
25

21191

6475

6793

670

5750

571988-1C

31° 42' 30"

778126

30° 18' 13"

TP 1245 231.42 0.33 218.97

219.30

2134 2182 2211 2264 2326 2364  
 180 128 10.5 50 4.2 4.5  
 40 25 15 15 15 25

2110 2146 2174 2200 2257 2300  
 204 168 140 114 57 14  
 40 25 15 15 15 25

2098 2131 2160 2201 2261 2286  
 215 183 154 113 63 28  
 40 25 15 15 15 25

2099 2150 2180 2226 2285 2320  
 215 164 124 85 29 4.6  
 40 25 15 15 15 25

2092 2149 2295 2299 2303 2307  
 222 165 19 45 11 27  
 40 25 15 15 15 25

2078 2139 2159 2255 2288 2317  
 226 175 155 57 24 4.3  
 40 25 15 15 15 25

23142

Cross Section Alley  
From Soledad Hra. to Lookout Drive

1+40

TP 1.48 203.01 12.20 201.53

0+81.43 = F.C. 38° 52' 45"

0+61.07 29° 09' 35"

0+40.71 19° 26' 22"

0+20.84 9° 43' 11"

0+0 = PRC 3+55.11 on Soledad

BM 31 213.73 210.60 2498.12

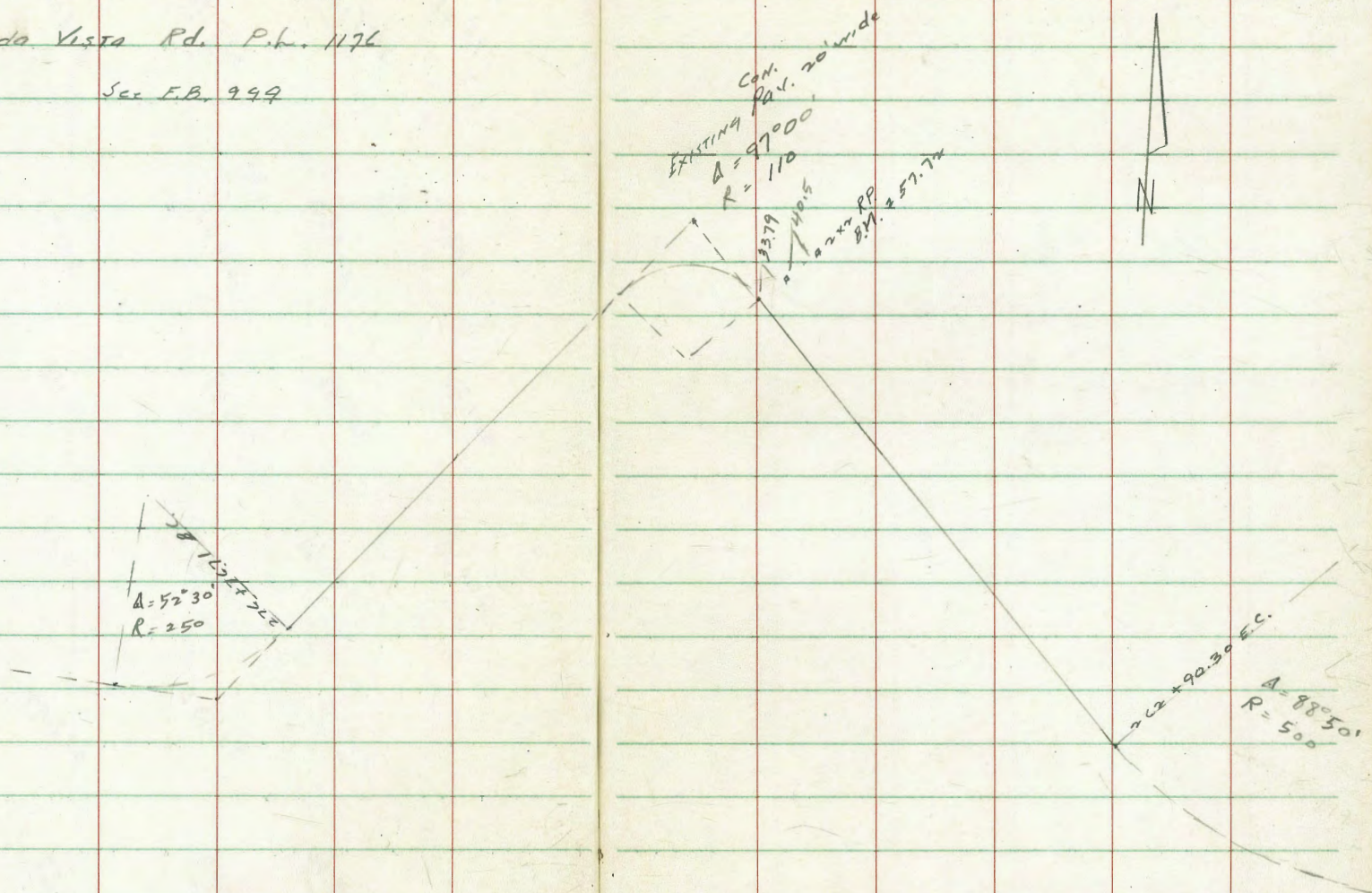
Station	195.41	195.09	195.78	196.06
1+40	7.60 93.06	7.92 93.50	7.23	7.95 16.5
TP	203.62	203.70	203.01	203.73
0+81.43 = F.C.	10.11 89.06	10.53 89.90	10.28	10.00 10.5
0+61.07	206.32	205.95	206.28	206.48
	7.41 88.06	7.78 88.90	7.45	7.25 10.6
0+40.71	209.02	208.65	208.93	209.28
	1.65 86	1.58 86.50	4.80	1.15 10.5
0+20.84	210.84	211.30	211.92	211.92
	2.29 9.5	2.43	1.81 10.5	
0+0 = PRC 3+55.11 on Soledad	212.20	212.43	212.49	212.49
	1.53 7.50 12	1.30	0.76 12.20 12.20	
BM 31	213.73	213.73	213.73	213.73

Survey for Cutoff on

Linda Vista Rd. P.M. 1176

Moore  
Osborne  
Corbett  
7-16-44

See E.B. 949





Cross Section Gillette St  
Pardee St to East of 36th St

1417

140

0497

0450

0439 20' H of 2: 2 Pepper Tree ✓

0415 18' " " " " " ✓

040 = F L Pardee

TP 11.96 46.92 0.18 3496

TP 321 35.14 322 31.93

BM 5.58 35.15 29.57

B.P.M. Rail  
Bridge on  
Imperial  
Hwy

Red. x Plat. Profile # 2571 9-19-41  
G.O.H.

42

St. N

8

St. S

42.14

41.91

4.78

5.01

37.80 27.14  
St. Hour

35.2 34.55  
Cott. Walk

42.1

41.6

41.9

42.0

46.8

4.8

5.2

5.6

4.9

0.7

37.6

37.11  
DR

7.5  
St. Dir  
Road

42.15

4.77

37.11  
22.14  
Walk

37.4

37.6

40.4

42.1

44.0

44.0

41.9

46.9

9.5

9.2

6.5

4.8

4.9

4.9

5.0

0.0

40

34

30

30

10.11  
DR

8.5  
DR

18

35.3

31.5

40.1

40.6

40.5

46.9

11.6

9.4

6.8

6.3

6.4

0.0

40

35

16

12.5  
St. Dir  
Road

25

46.92



2740 = 1/2 36" 1/2 ST.

2745 = 1/2 Existing 24" Steel Pipe Culvert

2715 38.5 ft of 1/2 = 1/4 Power Pole ✓

2710 = 1/2 36" 1/2 ST.

270

TP 5.22 45.80 6.34 40.58

1795 17' R of 1/2 = 1/2 18" Pepper Tree ✓

1790 18.5 R of 1/2 = 1/2 24" Pepper Tree ✓

1750

4692

48

38.5 400 400 406 413  
7.2 5.8 5.8 5.8 4.5  
40 30-1/4 Road 5.5 20 40  
800 MH 5.5 Road

37.10

8.70  
34.2  
F/101

38.37

7.43  
4.5-1000  
Flow 1000

380

7.8  
40

404

5.4  
20-1/4 Road

404

5.4  
5.5 1/2 Road

402

5.6  
10

420

5.8  
40

404

5.1  
40

41.5 ft  
Hocut

404

5.4  
20-1/4 DR

404

5.4  
5.5 1/2 Road

402

5.6  
10

41.9

5.9  
40

45.80

41.57

5.33  
40

403

6.6  
20-1/4 Road

408

6.1  
40

405

6.4  
12.5 1/2 Dirt Road

420

4.9  
4.5

075070  
Wall

46.92

BM 5.50 41.14

410

376 12' Lt of  $\frac{1}{2}$  21" Poplar Tree  $\downarrow$

378

379  
3731 = Existing 183 Steel Cully  $\downarrow$

3735

TP 5.08 46.64 4.24 41.56

370

3781 7.5 Ft of  $\frac{1}{2}$  21" Poplar Tree  $\downarrow$

3790 = F.L. 36 1/2 Ft

4580

Mon 24 Cont.  
13' 2 1/2 ft  
Gillett St

Lt. 2 Ft

428 427 429 427 416 412

38 39 37 39 50 54

65-NY Road

410 420 417 411 409 411

48 46 47 55 57 65

65-NY Road

38.51 39.42

7.93 7.22

55-act lot 173-10 lot

41.5 41.5 40.9 41.13 41.11

51 51 5.7 5.57 5.53 5.53

45-NY Road 21-74 Road 296-NY Col House

46.64

40.5 40.5 40.9 41.1 40.6 40.7

5.2 5.3 4.9 4.7 5.3 5.1

40 35-NY Road 15-Sly Road 15 40

39.0 40.2 40.7 40.5 40.0 41.0

4.8 5.1 5.1 5.3 5.8 4.8

40 30-NY Road 7-Sly Road 20 40 45.20

1+50

46.64

AA9

AA7

AA4

459

1.7

19

27

97

85

65

30

Food

Food

46.64

X-SECT. OF ALLEY BLK. 70 PARK VILLAS 15'

See Book 1560  
Page 34

INDEX  
LM

B.M. - N.E. BP Myrtle +28<sup>th</sup> 332.51

2.30 334.81 9.28 325.53

2.13 327.66

0+10 - N. cb. line Myrtle - paved Conc.

E on pave 5.15 322.51

c " " 5.46 322.20

w " " 5.69 321.97

0+00 = N.L. Myrtle

w Top cb. 5.15 322.51

gut on pave. 5.28 322.39

c 5.26 322.40

E - gut on pave 4.71 322.95

Top cb 4.29 323.37

0+18 - S end 4" stucco wall on W. on line <sup>2' high</sup> ✓

with low hedge along alley side

0+20

E 4.6 323.1

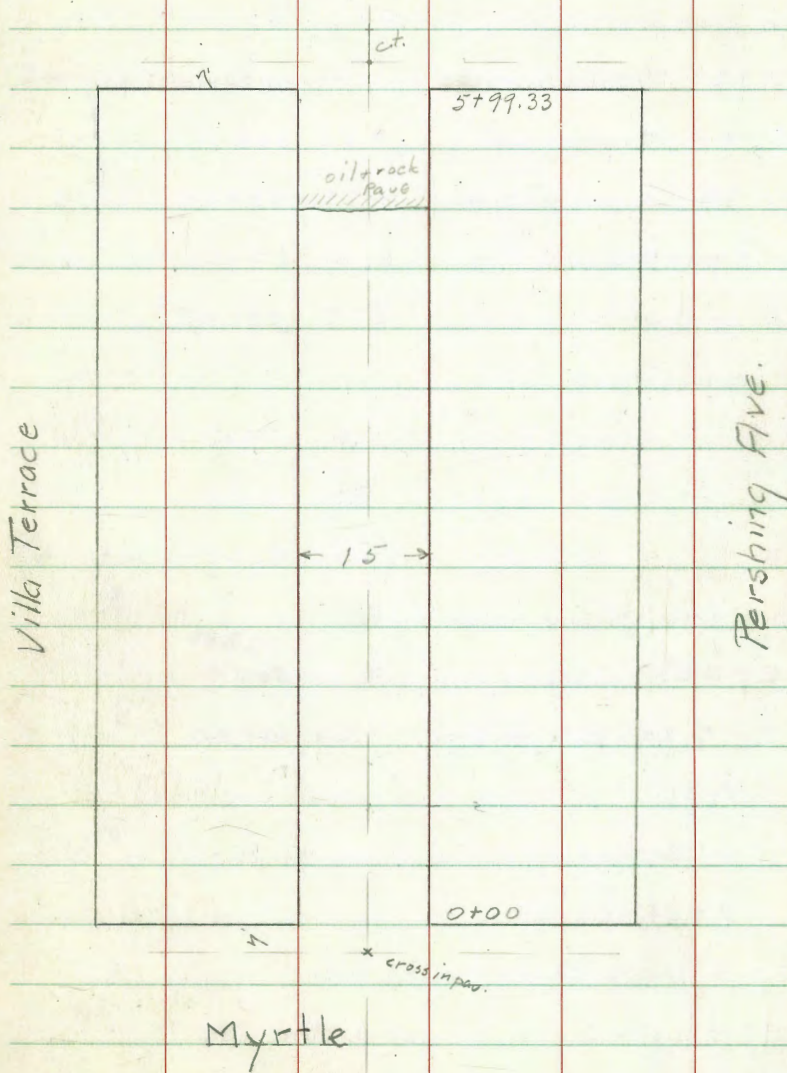
c 5.1 322.6

w 5.2 322.5

Plot on Profile # 2027  
9-27-41 GRH

9-25-41  
Osborne  
Rand  
Sueinoc

Dwight



327.66

on E

0+23 = S. end 2.8 Conc. walk 0.5 back on edge of conc.	4.66	323.00
0+29 N. end walk + S. end Apron to doub. gar. on E.		
E - 0.5 = Edge on conc.	4.68	322.98
E - 7.8 Conc. floor gar.	4.22	323.44
0+41 = \$ 2.6 Conc. Walk on W. (gate thru <sup>wall</sup> hedges)		
W. on Conc	5.17	322.49
0+45		
W.	5.6	322.1
C	5.5	322.2
E	4.8	322.8
0+46 = N. end Apron on E.		
E - 0.5 = Edge on conc	4.70	322.96 323.0
E - 7.8 = Conc. floor gar.	4.27	323.39
0+50		
E + 0.6 (in Alley) S. end shed on E.		
0+51		
E + 1' = \$ Pepper tree 0.8 dia.		
E + 1.5 = E. edge P. pole 1' dia.		

327.66

02

0+67 = N. end hedge along wall on W.		
0+71 = N. end 4' St. Wall on W. on line		
S. end Conc. walk to apron of gar.		
W - on conc.	6.34	321.32
N. end Conc. walk		
0+78 = S. end Apron to doub. gar. on W.		
E	6.3	321.4
C	6.5	321.2
W	6.5	321.2
W + 1.5 Edge Apron - Conc.	6.55	321.11
W + 11' - Conc. floor gar.	6.49	321.17
0+85 = N. end shed on E. 0.4 in Alley		
0+91 = E. Sin. gar. Conc. Floor		
E - 0.2 to edge <sup>9.3</sup> Apron - Conc.	6.02	321.64
E - 4.7 Conc. floor gar.	5.86	321.80
0+95 N. end apron + d. gar. on W.		
W - 1.4 - Edge conc apron	6.63	321.03
W - 11' - Conc. floor gar.	6.50	321.16
T.P.	7.02	320.64
	3.87	324.51
1+00 = P. pole on W. 1' dia 0.8 in Alley		

324.51

1+10 = S. end Low shed on E. 0.5 in

1+15

W 3.8 320.7

C 4.3 320.2

E 4.0 320.5

1+30 = S. end Apron to doub gar on W.

W-5.3 = Edge Conc. apron 4.92 319.59

W-11 = Conc. floor gar 5.29 319.23

1+34 = N. end shed on E. 0.5 in

1+44 = \$ Sin. gar. on E. Conc. floor

E + 0.2 = Edge 12.4 Conc apron 3.68 320.83

E-5.6 = floor gar. 3.01 321.50

1+47 = N. end apron to d. gar. on W

W-5.3 = edge apron - Conc. 5.06 319.45

W-11 floor gar. conc. 5.28 319.23

1+50 = S. end apron to doub gar. on W

W-11 = floor gar Conc 5.09 319.42

W-5.1 Edge apron " 5.08 319.43

W 4.9 319.6

C 4.4 320.1

E 3.6 320.9

53

324.51

1+68 N. end apron to d. gar. on W

W-5.2 edge apron Conc. 5.19 319.32

W-11 floor gar " 5.09 319.42

1+75

E 4.8 319.7

C 5.0 319.5

W 4.8 319.7

W+10 6.4 318.1

1+89 = \$ 1.1 Conc. walk on E.

E + 0.8 = end-onconc. 5.09 319.42

1+99 = Tel. pole on E 0.8 dia. 0.9 in

2+00

W-10 7.0 317.5

W 5.1 319.4

+ 0.3 = pipe 1.2 dia

C 5.0 319.5

E 5.0 319.5

2+06 = \$ Sin. gar. on W. board floor

W-38.2 = Floor gar. 9.65 314.86 ✓

2+15 = S. end board fence on E. 1.0 in

324.51

2+25

E 5.9 318.6

C 6.2 319.3

W 6.2 318.3

W+15 8.7 315.8

2+50

W-15 9.5 315.0

W 7.3 312.2

C 7.2 312.3

+6.3 = N. end board fence 6.7 312.8

2+61 = E doub. gar. on W. 15' opening (under const. No floor yet.)

W-9.8 = Edge - Level Proposed floor 8.16 316.35

2+64 = S. end shed or gar. on E.

E+1.2 on dirt floor 7.8 316.2

T.P. 8.20 316.31

2.74 319.05

2+75

E+1.3 Edge of shed 2.3 316.8

C 2.5 316.6

W 2.7 316.4

W+15 4.7 314.4

54

76  
23  
816

319.05

2+76 N. end shed on E. 1.3 in

S. end board fence on E 1.3 in

3+00 = N " " " " E 1.6 in

W-15 5.7 313.4

W 3.1 316.0

C 3.2 315.9

+5.9 2.7 316.4

3+01 = S. end new gar. on E

E+0.5 bottom Conc. foundation 2.64 316.41

2+25

E+0.5 3.0 316.1

C 3.5 315.6

W 3.7 315.4

W+15 6.4 312.2

3+31 N. end gar. on E.

E+0.5 bot. Conc. found. 3.10 315.95

3+36 S. end board fence on E. 1.3 in

3+48 = Tel. pole on E 0.8 dia. 1.4 in

3+50 = S. end wire fence on W. 0.3 in

W-15 7.1 312.0

	319.05		
W	4.7	314.4	
+ 0.8 - p.pole 1' dia.			
+3	4.0	315.1	
C	4.3	314.8	
+ 6.2	3.8	315.3	
3+67 - Wire fence on W.	0.1 in		
Board " " E	1.0 in		
3+75			
E+1	4.5	314.6	
C	5.0	314.1	
+4	4.8	314.3	
W	5.1	314.0	
+1	6.7	312.4	
+14	7.2	311.9	
+15 - Terrace	8.2	310.9	
3+97 = E 4.4 Conc. walk on E.			
E+0.5 = edge walk	4.87	314.18	
3+99 - N. end board fence on E.	0.9 in		
4+00 - S. end Rubble wall on E. on line			
board fence on wall	0.5 back		

	319.05		55
W-16	8.2	310.9	
W-15	7.1	312.0	
W-1	6.8	312.3	
W	5.2	313.9	
+3	4.9	314.2	
C	5.2	313.9	
E	4.8	314.3	
4+04 = Acacia tree on W	1.2 dia.	E. edge 0.3 in	
4+17 " " " " 1. " " " online		fence	
4+23 = E 3' Conc. walk on E. L. Gate thru wall			
E on Conc walk	4.76	314.29	
4+25			
E	5.0	314.1	
C	5.4	313.7	
+4	5.3	313.8	
W	5.2	313.9	
+15	7.7	311.4	
4+32 - Acacia tree on W. 1' dia	E edge 0.2 back		
4+42 " " " " 1' " " online			
4+49 = N. end Rubble wall on E. on line			
Top rock wall	3.08	315.97	
Note: Wall is level back to beginning			



319.05

4+49 = S. end board fence on E.	0.9 in	
A+50 N. end wire fence on W.	0.2 back	
T.P.	5.58	313.47
4.14		317.61
A+50		
W-15	7.5	310.1
W-3	6.3	311.3
W	4.0	313.6
wt dia = P. pole 1.4 dia		f
C	4.2	313.4
+5	4.2	313.4
+6.6	3.7	313.9
4+75	3	
E+0.8	3.7	313.9
+2	4.1	313.5
C	4.4	313.2
W	4.1	313.5
+4	6.0	311.6
+15	7.7	309.9
4+77 = Tel. pole on E.	0.8 dia. 0.9 in	
4+81 = 5.4' Conc. walk on E.		
E+1.5 on edge	4.11	313.50

56

317.61

4+87 = fig. tree	0.7 dia. ♀ 1.2 in	on E.
4+99 = S. end wire fence with 4" Conc. foundation.		on W. 0.1 back
5+00 N. end board fence on E.	0.8 in	?
S. " " " " "	0.8 in	?
W-15	7.8	309.8
W-4	6.1	<del>310.5</del> 115
W	4.5	313.1
C	4.5	313.1
+5	4.3	313.3
+6.7	3.7	<del>312.9</del> 13.9
5+26 = ♀ 3' opening on W.		
E+0.8	3.7	<del>312.9</del> 13.9
+3	4.4	313.2
C	4.5	313.1
W = Top conc. fence found.	4.30	313.31
+1	5.6	312.0
+8	6.2	311.4
5+42 = N. end board fence on E.	0.4 in	
S. end Rocks Oil pave in Alley		55
W. top conc. found.	4.06	313.57

	317.61		
W + 0.5' edge pave	4.78	312 83	
C	5.07	312 57	
+ 7.1 = edge pave.	4.40	313 21	
5+48 = N. end Wire fence with Conc found. on W		0.3 back	
5+49 = P. pole 1' dia. 0.7 in			
W - 0.4 = Top Conc slab 2' wide	4.50	313 11	
5+54 = E Sing gar. on E. Conc. floor			
E - 16.6 = floor gar.	2.00	315 61	
E 9.7 = Edge apron	2.66	314 95	
E on pav.	4.70	312 91	
C "	5.36	312 25	
W	5.30	312.31	
+ 0.4 Top 6" Con. Wall	4.52	313 09	
5+62 = E Sing gar. on W			
- pave.			
W = edge Conc apron	5.54	313 07 ✓	
W - 4.1 = floor gar.	5.22	313 39 ✓	
S. end Rock wall on E on line			
5+65			
W	5.76	311 85	
C	5.82	311 79	
E	5.23	312 38	

57

0.8' ← rock wall  
EL.

detail of sewer pipe 1.4' 317.61

5+80 Rock wall on E 1.4 in			
↳ also 4" Sewer pipe coming out from wall			
E + 1.4 top pipe	5.26	312.35	
5+84			
E + 1' on pav.	6.05	311 56	
E + 1' Tel. pole 0.8 dia			
C on pav.	6.65	310 96	
W.	6.62	310 99	
↳ began at N. end gar.			
Top 6" wall	5.42	312.19	
5+99.33 = S.L. Dwight			
W. <sup>+15</sup> Top 6" wall	5.39	312 23 ✓	
Top cb + on pav.	7.70	309 91	
C	7.41	310 20	
E. gut	6.66	310 95	
Top cb.	6.23	311 38	
↳ 99.33 S. cb. line Dwight			
E on pav.	7.16	310 45	
C " "	7.80	309 81	
W " "	8.50	309 11	
T.P.	11.36	326.14	2.83 314.78
S.E.B.P. Pershing + Dwight	2.16	323.98	324.61

Alley Block 70 Park Villas  
Levels on New Garage

Oct. 7-41  
Survey

Index  
L/M

B.M. 131 322.14 320.83  
1+44 2 Garage  
27 For  
Conc Floor

1+89 = 2 Conc Walk on F

F+0.8 = 1/4 11 Conc Walk 2.73 319.41

2+52 = 5/4 Do Garage on N

N-57 = 5/4 Conc Floor 5.97 316.17

N-102 = 5/4 Do Garage Conc Floor 5.80 316.34

2+69 = 1/4 Do Garage on N

N-57 = 1/4 Conc Floor 6.00 316.14

N-102 = 1/4 Do Garage  
Conc Floor 5.78 316.36

Proposed Sewer Alley in Hatch Subdivision

BM	1.08	72.55	72.47	N.W. 8P Keeler & 43rd St
TP	5.87	67.52	1190	61.65
32.8' E of B - Existing M.H.				
on Rim		5.07		
Flow Line		10.43		
0+0 = 7' Newton		5.9		
+28		6.2		
+40		7.3		
+79		8.6		
140' W - Fly House Floor		7.20		
1+0		8.4		
+50		6.5		
30' W of 1/2		7.6		
50' W " "		12.1		
2+0		5.0		
50' W of 1/2		5.5		
50' E of 1/2		3.8		
2+50		2.61		
3+0		3.5		
50' W of 1/2		4.6		
50' E of 1/2		4.4		

Index  
LM

67.52  
3+33.15 - S.L. National 7.7

Oct. 9. 41  
S. 11. 11. 11  
Hatch 3077  
N. 11. 11. 11

National Ave

2+33.15 2

10+10

Proposed Sewer

Newton Ave

0+0 22.8

Existing Sewer

Mort Hole

43rd St

Re Cross Section W 107 St.  
Sassafras to Tborn  
Sec Sketch Page 32

Oct 24 41  
Sassafras  
Hartberg  
W 107 St

0+42.5

0+36

0+28

0+20.5

0+15.5

0+0 = H.L. Sassafras

BM 104 175.66

174.63

09031nd  
01894  
Sassafras  
Page 32

Red T. Abtton V. Scale Sheet 10/27/41 G.M.H.

4-11

Z

Rt. E

60

171.40

167.43

4.36  
174.84  
Driv

8.23  
37.50  
Driv

167.52

2.44  
38.00  
Driv

171.0

176.3

172.3

170.9

170.5

170.3

170.0

166.7

7.23  
37.5

70.5  
31

5.2  
27

4.8  
15

5.2

4.83  
175.5  
Driv

5.7  
36

9.0  
37.5

169.86

5.80

4.6  
153.2  
Wood  
Gal. 107 St

168.16

169.92

7.50  
22.5  
7.0  
8.0  
10.0  
15.0

5.74  
22.5  
2.21  
22.09  
6.0  
1.0

170.0

170.2

170.4

167.9

5.9  
37.5

5.5  
20

5.3  
8-7  
11

8.8

175.66

17015

0798

0779

TP 1136 186.36 066 175.00

0763

0757.5

0745

17566

L

Z  
181.4  
50

Rt  
181.48  
4.88  
15-54/Block  
5/11/4

61  
178.63  
7.77  
375000m

176.03  
10.33  
375. Conc Wall

176.84  
952  
33 Top 0.5  
Conc Wall

174.90  
1146  
362-5Y  
Conc Wall

186.56

173.29  
2.37  
33.5-70P  
Conc Wall

169.71  
5.95  
33.5-80P  
Conc Wall

169.41  
6.25  
38-3-Top  
Wall

172.59  
3.09  
33.0-90P  
Conc Wall

168.35  
7.31  
38.3-Top  
Conc Wall

167.29  
8.27  
38.3-114  
Conc Wall

171.69  
3.97  
38.8-114  
Conc Wall

17566

BM 2.56 204.45

1499.5

TP 10.14 207.01 0.03 196.87

1466

1451

1449.5

TP 11.07 196.90 0.53 185.83

1417.5

186.26

Sy Topcarb  
7bars x  
Cn 100  
207.71  
Page 58

196.5 196.3 197.68 197.98

10.5 10.7 9.25 9.03  
17 25.7-11.63  
30.7  
Cn 100  
Cn 100

207.01

192.5 192.23 192.40 192.68 189.67 192.01

4.4 4.67 4.50 4.32 7.32 2.85  
17.0-11.63  
19.3-11.63  
37.5-0.0m  
37.5-0.0m  
37.5-0.0m

190.4 190.71 191.03 188.79 188.34

6.5 6.19 5.87 8.11 8.06  
17.0-11.63  
2.0m Dr-1  
36.0-0.0m  
36.0-0.0m

188.71 188.35

8.19 8.55  
36.0-11.63  
36.0-11.63  
Top 0.33  
Cn 100

196.90

184.6 183.50 183.31 184.69 179.30

1.8 2.84 3.05 1.67 7.06  
15.0-11.63  
18.9-0.0m  
18.9  
37.5-0.0m  
37.5-0.0m

186.26

Bliss Notes  
 Section Marcey St. from the West  
 Line of 30<sup>th</sup> to 200' West of 29<sup>th</sup> St  
 3/20/42

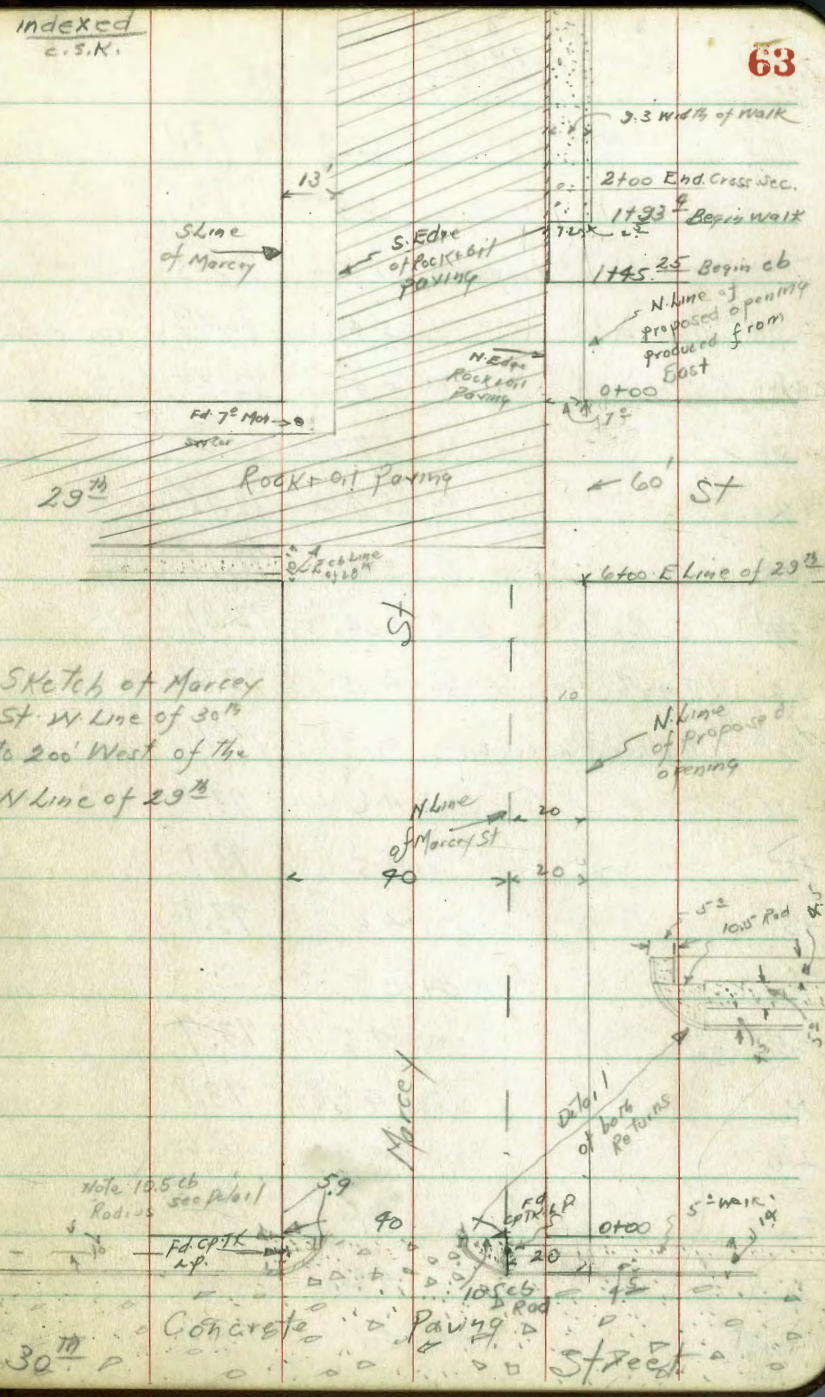
60' St.  
 N. line used as  
 a base line

BM.	6.68	75.10	68.42	71.56
TP	4.36	75.92	3.54	71.56
TP	6.35	78.35	3.92	72.00

Sec 17 The West Gutter of 30<sup>th</sup>

N-25		5.13	73.22
N	Gutter	5.33	73.02
N	Top cb	4.67	73.68
+10	on Paving	5.46	72.89
+20	"	5.46	72.89
+30	"	5.59	72.76
+40	"	5.73	72.62
+50	"	5.89	72.46
+60	"	6.10	72.25
+64	E.C. Ret on S. Gutter	6.19	72.16
"	Top cb on E.C.	5.49	72.86
+70	Gutter	6.26	72.09
+80	"	6.37	71.98

Red & Plotted 3/21/42





T  
78.35  
0+00

-65 5.3 73.1

-60 S Line 5.3 73.1

-59<sup>L</sup> S Edge 5<sup>o</sup> Corn Walk 5.32 73.03

-54<sup>L</sup> Top so cb 5.46 72.89

" Gutter 5.36 72.39

-50 5.72 72.63

-40 5.40 72.95

-30 5.40 72.95

-24<sup>L</sup> Gutter 5.54 72.81

-24<sup>L</sup> Top cb 4.75 73.60

-19<sup>L</sup> N Side ex. Corn Walk 4.61 73.74

-10 4.6 73.8

N 4.5 73.9

+5 4.5 73.9

0+10

-5 4.5 73.9

N 4.6 73.8

+10 4.8 73.6

+20 4.6 73.8

+25 4.6 73.8

+27 5.1 73.3

T  
78.35

04

+30 5.1 73.3

+40 5.3 73.1

+50 5.4 73.0

+52 5.9 73.0

+57 4.8 73.6

+60 4.9 73.5

+65 4.9 73.5

0+25

-65 5.0 73.4

-60 4.5 73.9

-57 4.6 73.8

-55 5.2 73.2

-50 5.2 73.2

-40 5.0 73.4

-30 4.9 73.5

-20 4.6 73.8

-10 4.7 73.7

N 4.7 73.7

+5 4.6 73.8

0+50

-5 4.6 73.8

X  
7835

N	47	73.7
+10	48	73.6
+20	46	73.8
+30 $\frac{1}{2}$	49	73.5
+40	47	73.7
+43	53	73.1
+50	54	73.0
+60	56	72.8
+65	57	72.7

0+50 Telephone Pole 41 S of Prop N Line

0+75

-65	58	72.6
-60	59	72.5
-50	60	72.4
-40	58	72.6
-30	55	72.9
-20	50	73.4
-10	51	73.3
N	47	73.7
+5	46	73.8

X  
7835  
1+00

65

-5	53	73.1
N	53	73.1
+10	55	72.9
+20	54	73.0
+30	58	72.6
+40	62	72.2
+50	63	72.1
60	62	72.2
+65	62	72.2

1+10 ctr Dbl Garage on South

0.4 in st ctr Dbl floor 6.3 72.1

1+20 W End Dbl Garage 1.2, 1.4 st on S

1+21  $\frac{1}{2}$  Gas & Lt Pole 1.3, 1.4 st on South

1+50

-65	65	71.9
-60	65	71.9
-50	68	71.6
-40	66	71.8
-30	65	71.9
-20	62	72.2

78.35

-10	5.8	72.6	
N	5.4	73.0	
+5	5.7	72.7	
1+23-14" Eucalyptus 0.9 in stems			
1+80 4' dia 18" Walk on South			
0.2 in street	6.73	71.62	
1+82 <sup>I</sup> E End 2 car Garage on S			
East Side 0.8 in st Dirt floor	6.9	71.5	
2+00 W side 2' " " " "			
West " 0.6 in st Dirt floor	6.9	71.5	
2+00			
N-5	6.4	72.0	
N	6.5	71.9	
+10	6.5	71.9	
+20	6.7	71.7	
+30	7.0	71.4	
+40	6.9	71.5	
+50	7.0	71.4	
+60	6.9	71.5	
2+00 <sup>S</sup> Tele pole 4.5 S of Prop. N Line			

78.35

00

2+04 <sup>E</sup> Single Garage on S.			
0.4 in st Con floor	6.75	71.60	
2+16 Con Walk on S.			
0.3 in street ctr	6.75	71.60	
2+25 <sup>L</sup> East End 3 car Garage on S			
0.3 in st Dirt floor	7.0	71.4	
2+49 <sup>E</sup> W End 3 car Garage on S			
0.6 in st Dirt floor	7.2	71.2	
2+50			
-60 S Line	7.2	71.2	
-50	7.2	71.2	
-40	7.1	71.3	
-30 4	7.2	71.2	
-20	7.2	71.2	
-10	7.0	71.4	
N	7.0	71.4	
+5	6.7	71.7	
2+56 Grt Pole # A 256. 15 in street on S.			
T.P.	5.99	<u>76.83</u>	7.51 70.84

T  
76.83

2+75

N-5	5.5	71.3
N	5.7	71.1
+10	5.8	71.0
+20	5.6	71.2
+30	5.6	71.2
+35	5.8	71.0
+40	5.8	71.0
+50	6.0	70.8
+60 S/L 142	5.8	71.0

2+78<sup>+</sup> Single Garage on South

0.7 Back Dirt floor 5.8 71.0

3+00

-60	5.8	71.0
-50	5.7	71.1
-40	5.7	71.1
-37	6.3	70.5
-33	5.7	71.1
-30	5.5	71.3
-20	5.2	71.6

T  
76.83

67

-10	5.3	71.5
N	5.4	71.4
+5	5.3	71.5

3+10 Single Garage on South

0.7 Dirt floor 0.6 1st 6.0 70.8

3+26 Feb Pole 41' Sat Prop N Line

3+50

N-5	5.2	71.6
N	5.2	71.6
+10	5.5	71.3
+20	5.6	71.2
+30	5.7	71.1
+37	6.2	70.6
+40	5.2	71.2
+50	5.7	71.1

+60 5.8 71.0  
+65 6.4 70.4

3+55 Single Garage on South

0.7 line Dirt floor 6.1 70.7

3+85 Gift Pole on S. 0.7 14 street

76.83

	4+00		
-65	5.4	71.4	
-60 S. Line	5.5	71.3	
-50	5.6	71.2	
-40	5.7	71.1	
-36	6.2	70.6	
-30	5.4	71.4	
-20	5.3	71.5	
-10	5.1	71.7	
N	5.0	71.8	
+5	4.8	72.0	
	4+43 Single Garage on South		
	0.1 Back Dirt floor	5.6	71.2
	4+50		
-5	4.4	72.4	
N	4.4	72.4	
+10	4.7	72.1	
+20	4.8	72.0	
+30	5.3	71.5	
+33	5.6	71.2	
+37	6.2	70.6	

76.83

68

+38	5.2	71.6	
+40	5.2	71.6	
+50	5.4	71.4	
+60 S. Line	5.4	71.4	
+65	5.8	71.0	
	4+70 Tel Pole 4' Sat Prop N Line		
	4+96 Single Garage on South		
	0.5 Back Dirt floor	6.0	70.8
	5+00		
-65	5.8	71.0	
-60	6.0	70.8	
-50	6.0	70.8	
-40	5.6	71.2	
-39	5.6	71.2	
-37	6.3	70.5	
-34	5.8	71.0	
-30	5.5	71.3	
-20	5.2	71.6	
-10	5.0	71.8	
N	4.8	72.0	
+5	4.7	72.1	

T  
76.83

5+30 G+H Pole on South

0.7 in Street

5+50

-5 5.2 71.6

N 5.2 71.6

+10 5.4 71.4

+20 5.8 71.0

+30 5.9 70.9

+37 6.8 70.0

+38 6.1 70.7

+40 6.1 70.7

+50 6.3 70.5

+60 6.2 70.6

+65 6.2 70.6

5+55 Single Garage on South

Con Lip 1.3 Back 6.39 70.44

floor 4.1 " concrete 6.28 70.55

5+90

-65 6.5 70.3

-60 7.0 69.8

-50 6.8 70.0

T  
76.83

69

-40 6.2 70.6

-38 7.0 69.8

-32 6.2 70.6

-30 6.0 70.8

-20 5.7 71.1

-10 5.7 71.1

N 5.4 71.4

+5 5.2 71.6

6+00 - E Line of 28<sup>th</sup> 29

-5 6.2 70.6

N 6.3 70.5

+10 6.3 70.5

+20 6.0 70.8

+30 6.0 70.8

+34 6.9 69.9

+37 7.2 69.6

+40 6.4 70.4

+50 7.1 69.7

+57 7.2 69.6

+60 6.9 69.9

76.83

6+00 Tele. Pole 91'S. of Prop. N Line

6+01 " " Guy 2 Men 26'S. N Line

6+10 W. Gutter <sup>24</sup>/<sub>28</sub> on Pavings

-70 Rock & oil paving 7.83 69.00

-60 S. Line Gutter 7.72 69.11

" " Top exch 7.06 69.77

-50 7.68 69.15

-40 7.63 69.20

-30 7.56 69.27

T.P. 5.28 74.87 7.24 69.59

S.W. 79 Mo 23<sup>3</sup>

-20 5.57 69.30

-10 5.37 69.50

-7 Begin Rock & oil paving 5.45 69.42

N 5.1 69.8

+5 4.9 70.0

6+30 4.28<sup>4</sup>

N-5 4.6 70.3

N 4.7 70.2

+7 Begin Rock & oil paving 5.42 69.45

+10 5.39 69.48

+20 5.21 69.66

74.87

70

+30 5.03 69.84

+40 5.08 69.79

+50 5.15 69.71

+60 S. Line 5.23 69.64

+65 5.30 69.57

6+50 W. Ch. Line ~~28<sup>th</sup>~~ 29<sup>th</sup>

-73 5.28 69.09

-60 S. Line 5.68 69.19

-50 5.50 69.37

-40 5.16 69.71

-30 & 5.07 69.80

-20 4.99 69.88

-10 5.27 69.50

-7 End Rock & oil paving 5.33 69.54

N 4.2 70.7

+5 3.7 71.2

6+60 = 0.0 W. Line <sup>29</sup>/<sub>28</sub><sup>th</sup>

-5 4.2 70.7

N 4.0 70.9

+7 Begin Rock & oil paving 5.28 69.59

+10 5.20 69.67

T  
7987

+20		4.90	69.97
+30		4.95	69.92
+40		5.21	69.66
+47	S. Edge Paving	5.53	69.34
+48		4.7	70.2
+50	Ring ex. Sewer M.H.	4.32	70.55
+55		4.8	70.1
+60		4.7	70.2
+65		4.7	70.2
	0+50		
-60		4.3	70.6
-50		4.3	70.6
-48		4.4	70.5
-47	S. Edge paving	5.04	69.83
-40		4.93	69.94
-30		4.7	70.2
-20		4.63	70.24
-10		4.80	70.07
-6	Edge Paving	4.84	70.03
-5		4.2	70.7
N		3.8	71.1

T  
7987

71

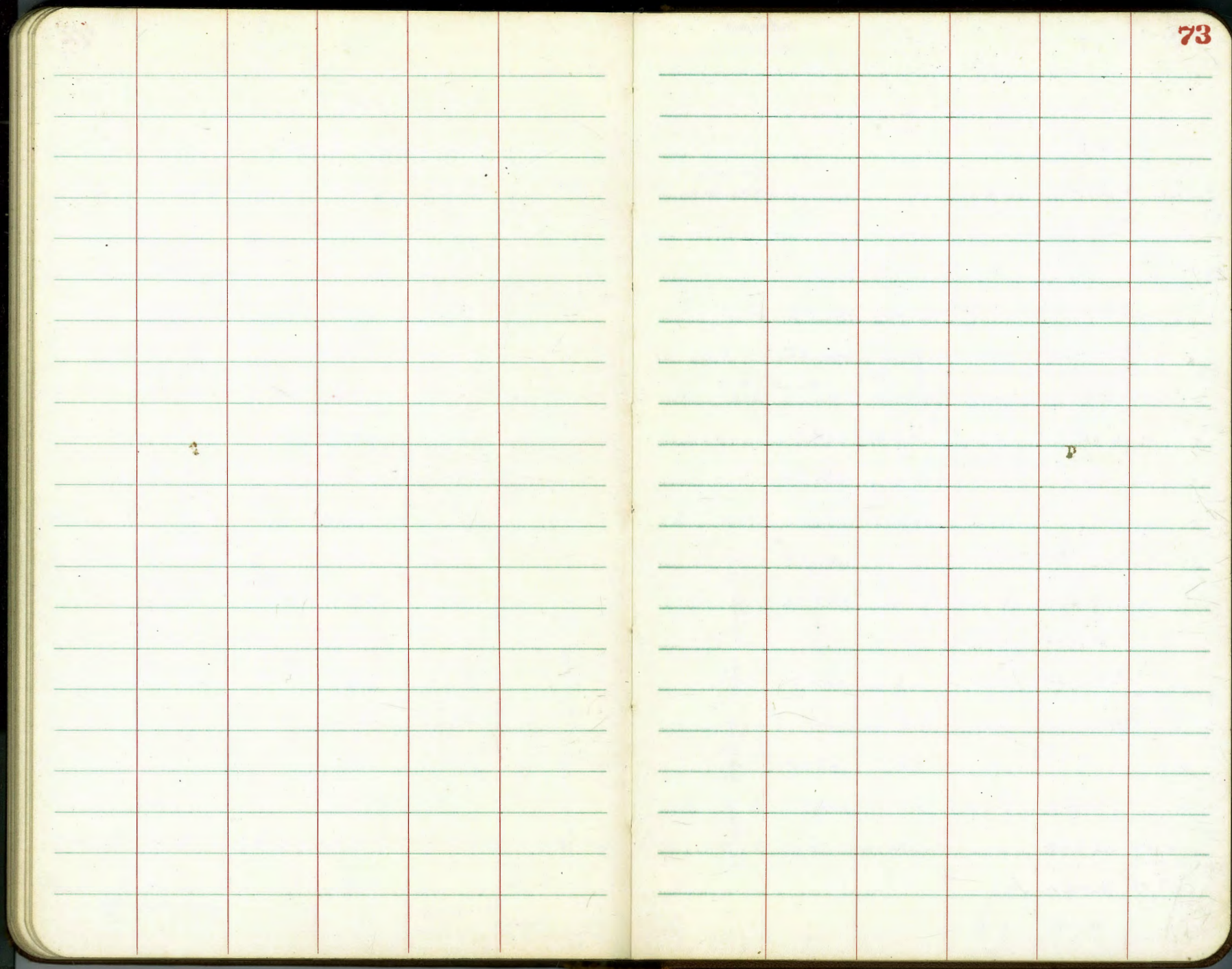
		1+00	
N		4.0	70.9
+5		4.2	70.7
+7	Edge Paving	4.61	70.26
+10		4.46	70.41
+20		4.19	70.68
+30		4.22	70.65
+40		4.40	70.47
+47	Edge Paving	4.61	70.26
+50		4.0	70.9
+60		3.8	71.1
	1+45 <sup>25</sup>		E. End of cb on North
-60		3.5	71.4
-50		3.6	71.3
-47		4.30	70.57
-40		4.01	70.86
-30		3.83	71.04
-20		3.83	71.04
-10		4.18	70.69
-7.2	Gutter	4.31	70.56
"	Top cb	3.73	71.14



74.87

N	3.5	71.4	
1+93.4 Begin Walk on North sec stakes			
- 2.5 N Edge x walk	2.91	71.96	
N	3.02	71.85	
+6.8 S Edge walk	3.32	71.54	
+7.2 Top cb	3.41	71.46	
2+60 End of x sec			
N	3.1	71.8	
+7.2 Top cb	3.40	71.47	
" " Gutter	3.90	70.97	
+10	3.90	70.97	
+20	3.40	71.47	
+30 &	3.49	71.43	
+40	3.55	71.32	
+47 S Edge Paving	3.75	71.12	
+49	3.3	71.6	
+50	3.4	71.5	
+60 S line	3.8	71.1	
TP	4.50	74.29	5.08 69.79
Check Starting BM	586	68.43	✓
NY BP 29 <sup>th</sup> + Lopad		68.42	0.01 error

Red. # R66. 3/21/14 (L)



Moore 6-19-44

indexed  
C.S.K.

X sec alley Bk + Univ. Pl.

See F.D. 1155-59 for sketch

SWBP 365 297.70 294.05 Robinson Richardson

0-14

w par 4.24 292.86

E " 5.12 292.58

? North and South alley  
0+20 w Richardson

E Top of 4.46 293.44

E par 4.22 292.99

C " 4.85 292.85

w " Reg. on line wire fence 4.14 293.56

w Top of 3.94 293.76

0+15

w 3.3 294.4

+4 3.6 294.1

C 3.8 293.9

E 3.3 294.4

0+58

w +1 12" P.P. ✓

Plotted 1/2" to 1/4" large scale

297.70

74

0+60

E 2.9 294.8

L 2.8 294.9

C +6 Sh. apron Com. 2.74 294.98 ✓

C +8.7 " Singar Com. fl. 2.30 295.40 ✓

0+70

w top of de gar " " 1.80 295.96 ✓

w +2.8 " Com. apron 2.46 295.26 ✓

C 2.8 294.81

E wedge 15" di. Pepper T. 2.7 295.6

0+78

E 70.5 wedge 11" di. Cypress tree

0+86

E 2.9 294.8

C 2.7 295.0

C +6.5 " de gar Com. fl. 2.54 295.18 ✓

C +9.3 " de gar Com. fl. 1.95 295.25 ✓

1+15

w E Singar 2.13 295.57 ✓

w +2.8 E 10.5 Com. apron 2.44 295.26 ✓

C 2.9 294.8

E 3.1 294.6

End fence  
Beg. arto  
" " " " " "

also Beg.  
Lat. fence

End  
Lat. fence  
5L Sing.  
gar.

297.70

1+24

W + 0.5 F 3' Conc. walk 2.00 295.70 ✓

" " step down 2.20 295.50

W + 1.5 Conc. slab step 2.20 295.48 ↓

1+26

W + 0.5 Beg. fence

W + 2.0 " loose rock and conc. slab wall ✓

which encloses shrubs etc.

T.P. 1.85 296.52 3.01 294.19

Back up please

0+50

W 1.5 Ctr 12" dia. pepper tree ✓

1+27.5 Pl. on E. L.

E 1.9 294.6

C 1.8 294.7

+ 6.8 1.0 295.5

" " 0.6 295.9

296.52

75

W 0.5 296.0

1+27.64 = SL E + W 15' alley

W End Lat 0.7 295.8

+ ✓ 0.8 295.7

" " 1.3 295.2

C 2.0 294.5

+ 9 = <sup>East</sup> fence <sup>So.</sup> 2.9 293.6

E + ? = Center Curve 2.7 293.8

Please back up again

1+40

10.3 E of E to So = NW Cor Lark fence and

F 12" acacia tree

1+55.14 F alley to East

E 3.1 293.4

C 2.1 294.4

+ 9 F Sem. gar. 1.8 294.7 ↓ dirt

1+61.74

W SL Dwelling 1.8 294.7

C SE Cor " 1.8 294.7

E + W alley Bk n Univ. Pl.

296.54

0 + 0	Wk of N + S alley		
0 + 10			
N - 0.7	E Side gar	3.55	292.991
N	E 1st corner	3.55	292.991
+ 1		3.55	292.99
C		3.0	293.5
S		2.0	293.9
0 + 20			
S + 0.1	14" PP		
0 + 38	EC. div S. 2.		
- 5		4.9	291.6
S		5.3	291.4
C		5.8	290.7
N		6.0	290.5
+ 5		5.7	290.8
0 + 51			
- 5		6.4	290.1
- 3		6.2	290.3
N		7.4	289.1
+ 1		7.7	288.8

296.54

C		7.9	288.6
+ 2		7.0	288.9
S		6.0	289.9
S + 0.1	beg. Lark fence	6.0	289.94
+ 5		6.8	289.7
0 + 70			
- 5		9.1	287.4
- 0.2	Top wall	7.93	288.61
- 0.2	Bot "	9.0	286.9
C		9.0	286.9
N		9.3	287.2
0 + 89.5	This garage is prop of "Steve" EAST ENTRANCE		
N - 6.5	E Side gar	8.95	287.59
N - 1.7	SE Cor "	8.95	287.59
N		7.3	287.2
C		9.8	286.7
S		9.8	286.7
+ 10		10.2	286.3
0 + 10			
S - 10		9.0	286.9

TOP 8" CON. RET. WALL

19 yr. employee of CITY WATER DEPT.

Proposed NOT RAISED ON THIS

296.54

S	9.5	286.9
C	9.3	287.2
N	9.1	287.4
+10	9.1	287.4

1+26

-5 7.2 289.3

-1 6.9 289.6

N 7.5 289.0

+2 8.0 288.5

C 7.8 288.7

+X 8.0 288.5

S 8.8 287.7

+10 9.0 287.5

1+26.6

S on pav. end 5.15 291.39

C 5.27 291.27

N 4.84 291.70

1+54.6 on Ex. pav.

N 4.02 292.52

C 4.47 292.12

S 4.75 292.29

294.54

drain Levels

0+00 2 alley to East 9.8 296.7

0+50 10.4 296.1

0+93 10.8 295.7

1+06 10.1 276.5

1+26 EL. 12" Sewer Pipe 13.7 272.8

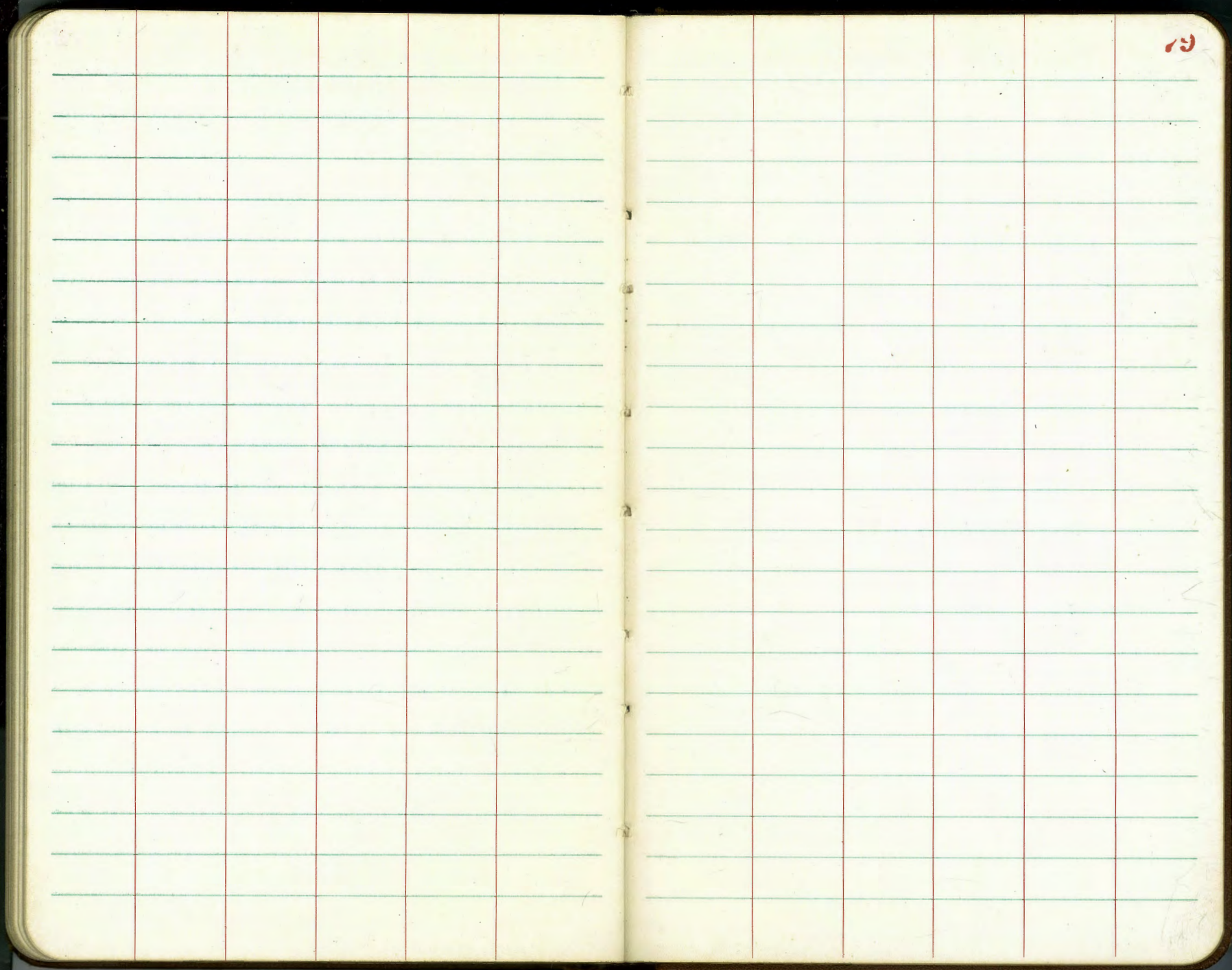
F.P. 3.06 297.75 1.85 294.69

check to Orig B.M. 3.71 294.04 294.05

77

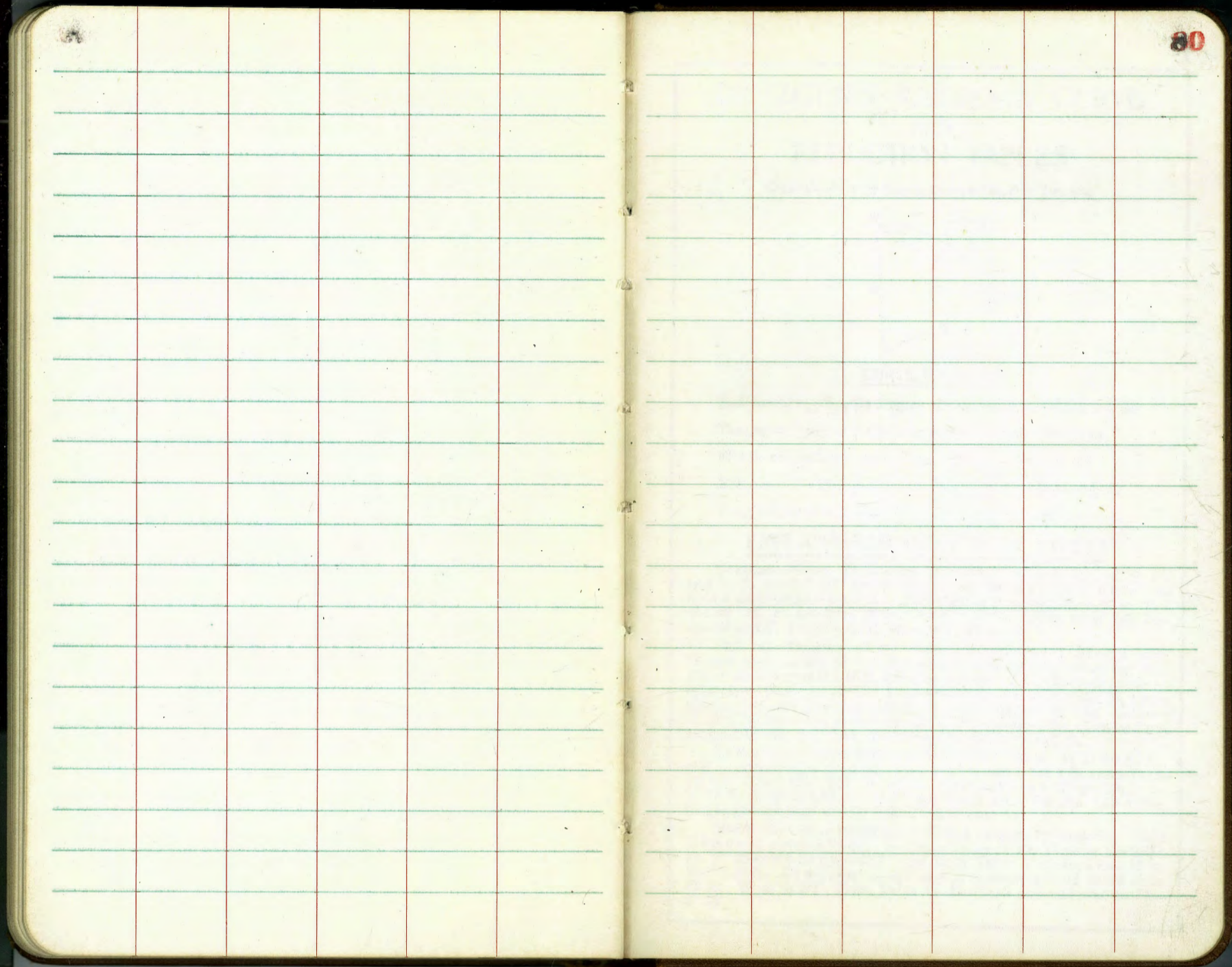
this prop. is being filled up at this time Gas Co. Employee





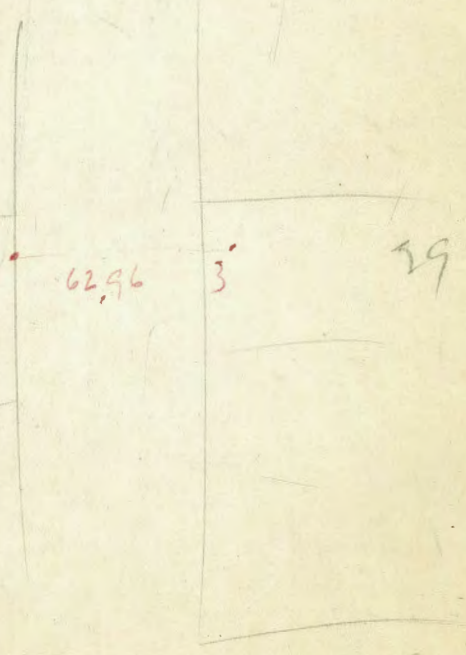
79





24- 50118  
 50120  
 50133-  
 50145

No 30 Sanders  
 Hillwell, Okla.  
 30  
 by Mrs F C Wood



DISTANCES FROM CENTER OF ROADWAY FOR  
 CROSS-SECTIONING.

Roadway 16 feet wide. Side Slopes 1 on 1½  
 For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be 41.9 + (20-16) \* 2 or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

MADE IN U.S.A.

Lanell & ...  
 SWBP 5226