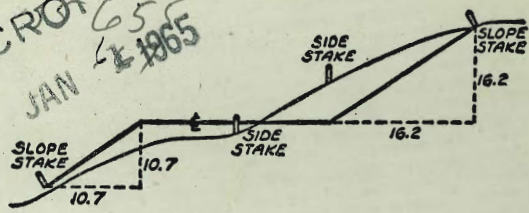


MICROFILMED
65
JAN 4 1965



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
SLOPE 1 TO 1. ROADWAY OF ANY WIDTH

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.10	0.20	0.30	0.40	0.50	0.60	0.70	0.80	0.90	0
1	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	1
2	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	2
3	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.70	3.80	3.90	3
4	4.00	4.10	4.20	4.30	4.40	4.50	4.60	4.70	4.80	4.90	4
5	5.00	5.10	5.20	5.30	5.40	5.50	5.60	5.70	5.80	5.90	5
6	6.00	6.10	6.20	6.30	6.40	6.50	6.60	6.70	6.80	6.90	6
7	7.00	7.10	7.20	7.30	7.40	7.50	7.60	7.70	7.80	7.90	7
8	8.00	8.10	8.20	8.30	8.40	8.50	8.60	8.70	8.80	8.90	8
9	9.00	9.10	9.20	9.30	9.40	9.50	9.60	9.70	9.80	9.90	9
10	10.00	10.10	10.20	10.30	10.40	10.50	10.60	10.70	10.80	10.90	10
11	11.00	11.10	11.20	11.30	11.40	11.50	11.60	11.70	11.80	11.90	11
12	12.00	12.10	12.20	12.30	12.40	12.50	12.60	12.70	12.80	12.90	12
13	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	13
14	14.00	14.10	14.20	14.30	14.40	14.50	14.60	14.70	14.80	14.90	14
15	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	15
16	16.00	16.10	16.20	16.30	16.40	16.50	16.60	16.70	16.80	16.90	16
17	17.00	17.10	17.20	17.30	17.40	17.50	17.60	17.70	17.80	17.90	17
18	18.00	18.10	18.20	18.30	18.40	18.50	18.60	18.70	18.80	18.90	18
19	19.00	19.10	19.20	19.30	19.40	19.50	19.60	19.70	19.80	19.90	19
20	20.00	20.10	20.20	20.30	20.40	20.50	20.60	20.70	20.80	20.90	20
21	21.00	21.10	21.20	21.30	21.40	21.50	21.60	21.70	21.80	21.90	21
22	22.00	22.10	22.20	22.30	22.40	22.50	22.60	22.70	22.80	22.90	22
23	23.00	23.10	23.20	23.30	23.40	23.50	23.60	23.70	23.80	23.90	23
24	24.00	24.10	24.20	24.30	24.40	24.50	24.60	24.70	24.80	24.90	24
25	25.00	25.10	25.20	25.30	25.40	25.50	25.60	25.70	25.80	25.90	25
26	26.00	26.10	26.20	26.30	26.40	26.50	26.60	26.70	26.80	26.90	26
27	27.00	27.10	27.20	27.30	27.40	27.50	27.60	27.70	27.80	27.90	27
28	28.00	28.10	28.20	28.30	28.40	28.50	28.60	28.70	28.80	28.90	28
29	29.00	29.10	29.20	29.30	29.40	29.50	29.60	29.70	29.80	29.90	29
30	30.00	30.10	30.20	30.30	30.40	30.50	30.60	30.70	30.80	30.90	30
31	31.00	31.10	31.20	31.30	31.40	31.50	31.60	31.70	31.80	31.90	31
32	32.00	32.10	32.20	32.30	32.40	32.50	32.60	32.70	32.80	32.90	32
33	33.00	33.10	33.20	33.30	33.40	33.50	33.60	33.70	33.80	33.90	33
34	34.00	34.10	34.20	34.30	34.40	34.50	34.60	34.70	34.80	34.90	34
35	35.00	35.10	35.20	35.30	35.40	35.50	35.60	35.70	35.80	35.90	35
36	36.00	36.10	36.20	36.30	36.40	36.50	36.60	36.70	36.80	36.90	36
37	37.00	37.10	37.20	37.30	37.40	37.50	37.60	37.70	37.80	37.90	37
38	38.00	38.10	38.20	38.30	38.40	38.50	38.60	38.70	38.80	38.90	38
39	39.00	39.10	39.20	39.30	39.40	39.50	39.60	39.70	39.80	39.90	39
40	40.00	40.10	40.20	40.30	40.40	40.50	40.60	40.70	40.80	40.90	40
41	41.00	41.10	41.20	41.30	41.40	41.50	41.60	41.70	41.80	41.90	41
42	42.00	42.10	42.20	42.30	42.40	42.50	42.60	42.70	42.80	42.90	42
43	43.00	43.10	43.20	43.30	43.40	43.50	43.60	43.70	43.80	43.90	43
44	44.00	44.10	44.20	44.30	44.40	44.50	44.60	44.70	44.80	44.90	44
45	45.00	45.10	45.20	45.30	45.40	45.50	45.60	45.70	45.80	45.90	45
46	46.00	46.10	46.20	46.30	46.40	46.50	46.60	46.70	46.80	46.90	46
47	47.00	47.10	47.20	47.30	47.40	47.50	47.60	47.70	47.80	47.90	47
48	48.00	48.10	48.20	48.30	48.40	48.50	48.60	48.70	48.80	48.90	48
49	49.00	49.10	49.20	49.30	49.40	49.50	49.60	49.70	49.80	49.90	49
50	50.00	50.10	50.20	50.30	50.40	50.50	50.60	50.70	50.80	50.90	50

Distance of slope stake from side or shoulder stake for any width roadway, slope 1 to 1. If ground is nearly level, the cut or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.711	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.383	.480	.578	.678	.777	.877	.977	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

INDEX

Pgs

X-Sec. Alley BIK. 180, University Heights - 1

Alley BIK. 180, U.H., levels & Alley to culvert 7

X-Sec. Linda Vista Rd - 12-17

Storm Drain. Amaryllis (Black D Plumosa PK.) 18

X-Sec Diamond - Haines to Lamont 22

Survey N. End Amaryllis Dr. 45

Tic Points Benecia, (Adrade to Yuma) + 51
(Mildred Lauretta)

" Colusa 51.

" Eureka 52

" Josephine 53

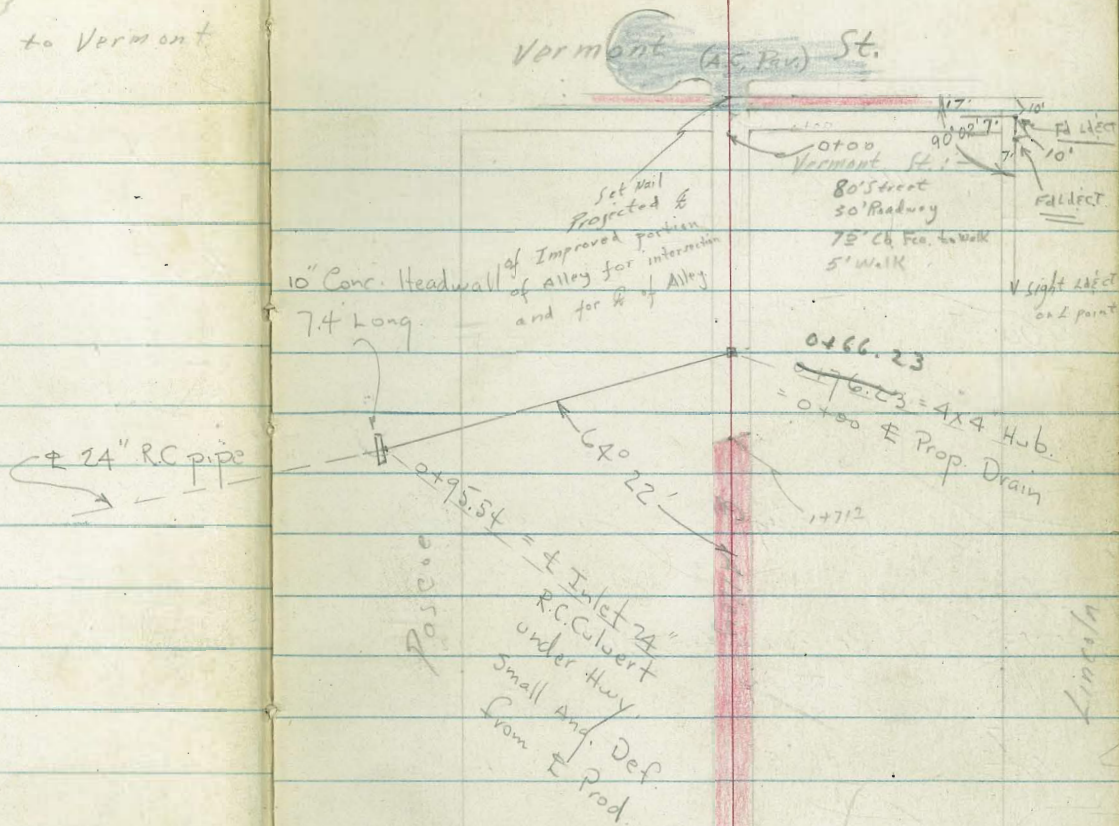
" RILEY St. 53

" Mollie St 54

Roberts. X-Section Alley BIK 180
 Coats University Heights
 Moore Washington Freeway to Vermont
 Pullin
 July 20, 1951
 W.D. 25012

INDEXED

JUL 23 1951



Cont'd from Page 1

16

Q

Rt

2

0+03³ 11² Rt Begin House
0+13³ 12² Lt Begin House 8⁵ Rt to Deadman

0+00 East Prop Line Vermont
END Curb on Left

291.9	291.63	291.1	291.5	291.8	291.8
3.7	4.15	4.7	4.3	4.0	4.0
20	10 ²	10 ²		10	20
	cb	Gut			

0-10
~~0+00~~ East Prop Line Vermont

291.46	290.9	291.1	291.4
4.32	4.9	4.7	4.4
10 ²	10 ²		10
cb	Gut		

0-11²
0-01² 9¹ Rt to Center P.P. JPA 1202

0-12²
0-02² END AC Pav. & Curb on Right

291.41	290.94	290.81	290.76	290.84
4.37	4.84	4.97	5.02	4.94
10 ²	10 ²		9 ²	9 ²
cb	Gut		Gut	cb

0-25
0-15 East Curb Line Vermont

292.09	291.48	291.27	290.71	290.69	290.55	290.32	290.23	290.77	289.68
3.69	4.30	4.51	5.07	5.09	5.23	5.46	5.55	5.01	6.10
6 ²	6 ²	12	12	10		10	12	12	20
cb	Gut	cb	Gut			Gut	cb	cb	ON PAV.

0-40
0-30 E Vermont

292.10	291.68	290.98	290.09	289.39	290.04
3.68	4.10	4.80	5.69	6.39	5.74
100	50	11	45	59	59
				ON GRATE EXE	

BM 294 295.78 T 292.84 SEBP

Limbo. E Vermont 295.78 T

→ Actually Sta 0-27

Cont'd From Page 2

Lt

Q

Rt

3

T.P. 8.44 295.07X 9.15 286.63

0+49²

0+59³ 0.5' Lt Center of 1'x1' Conc. Pier

0+48

0+58 25' Rt to L in Fence



0+47

0+57 6³ Lt to Exposed 2" Gas Line

284.5
11.3
6.3
on top

0+41

13' Rt Lt in Fence

286.6

0+51

0.5' Lt to Exposed Sewer Pipe 6" CI

9.2
1.5
on top

0+33

0+43 3³ Rt & 2' Conc Walk

286.0	286.8	287.8	288.17	288.27	288.32	289.46
98	90	80	76	751	746	732
32	10		32	10	20	30
			conc	conc	conc	conc

0+32

2' Rt Begin old wooden fence

0+42

12⁶ Lt END House

Good For G.P.D.

0+28

0+38

11⁵ Rt END House

0+15²

0+25⁵

9' Lt to Center 16" Pepper Tree

0+10⁵

0+20⁵

10' Lt to Center T. Pole #501595T

295.78X

295.78X

Cont'd From Page 3

0+87
~~0+97~~

0+82
~~0+92~~

0+76
~~0+86~~

0.5' Lt to Exposed Sewer Pipe

0+74
~~0+84~~

9' Lt Begin Wire Fence

0+73
~~0+83~~

5' Lt to Exposed 2" Gas Line

0+68
~~0+78~~

95' Lt to Center 4" Eva. Tree
0.5' Lt Q 2 Rail Pier

0+61
~~0+71~~

Bottom Wash

0+50
~~0+60~~

Lt

Q

Lt

4

290.4	289.9	290.0	290.1	282.5	268.1
4.7	5.2	5.1	5.0	12.6	27.0
25	10		10	29	50 Bottom

289.9
5.2

286.6
8.5
0.5
ON
TOP

290.4	287.8	285.9	285.1	284.5	282.6	274.1	271.0
4.7	7.3	9.2	10.0	10.6	12.5	21.0	21.1
40	10	5.2 ON TOP				10	29

Bottom

289.3	286.4	283.9	282.0	275.2
40	10		10	30

285.3	280.9	279.2	279.5	279.9
9.8	14.2	15.9	15.6	15.2
40	10	Bottom	10	30

279.7	277.9	282.1	283.3	286.4	286.3
15.4	17.2	13.0	11.8	8.7	8.8
76 Bottom	43 Bottom	10		10	40

295.07 X

295.07 X

Contd From Page 4

Lt

Rt

Rt

5

1+64
777 Rt Edge Conc Pav.

291.05
4.02
10
Pav

1+61
777 Lt Hils Pav.

290.87
4.20
Pav.

1+58
777 Lt Begin Conc Pav. of Alley

291.29
3.78
98
Pav

1+42
775 98' Lt Begin Conc Apron

291.90
3.17
152
Floor

291.02
4.05
98
conc

1+24
773 99' Lt to Conc Walk

290.67
4.40
16
conc

290.67
4.40
73
conc

290.8
4.3
10

290.8
4.3
30
Edge
Walk

290.7
4.4

0+98
770 10' Lt End Wire Fence Begin Wood Fence

0+95
770 City Barricade

295.07A

295.07A

Cont'd From Page 5

21

5

RT

6

check

457 292.84 = 292.84

T.P.

6.50

297.41

4.16

290.91

~~3+30~~

~~3+40~~

294.32

0.75
10

293.83

1.24

294.02

1.03
10

~~2+30~~

~~2+40~~

294.07

1.00
10

293.66

1.41

293.77

1.30
10

~~2+10~~

~~2+20~~

ON Pauc.

293.73

1.34
10

293.23

1.84

293.32

1.75
10

295.07A

295.07A

Lt. ± Rt. 7

INDEXED

SEP 1 - 1951

Levels along ± of Prop. Drain
 from ± Alley Block 180 - Univ. Hts
 Sta. 0+76.23 to Inlet of 24" RC
 Culvert Under Hwy - Sketch - P. 1
 # 5639 9-14-51 - 7.0.
 W.O. 20859

0+74.5 = Cross 5' Wire fence

0+70

66.0
10

65.9

66.9
10

0+50

75.0
10

68.2
± wash

73.9
10

0+25

83.1
10

75.7

74.2
A
± wash

79.0
10

Ang. 64° 22' Rt.

0+00 = ~~0+76.23~~ on ± Alley Sta.
66.23

79.13

↖ 200' Dig. Not Noted

Esed Elev. Rod - Actual Elev. shown

B.M

292.84 = S.E. B.P. Vermont & Lincoln

Lt.

+

Rt.

10" Headwall

0+95.54 = + Inlet 24" RC Pipe + face of

61.43 I.E. pipe
64.2 Top Headwall

0+85

64.2
10
64.2
64.8
6
100

Roberts
Shippers
Notes
P/Jan
Oct 20, 1951

X-Section Kendall For Improvements

Crown Pt. to Rec. Bch.

See FB1752-32

IN

INDEXED

OCT 22 1951

T.P. 3.33 32.87A 2.55 OCT 1 51

4195 39' R & 8' Conc. Drive

Too Many
Banks

A
check R!

4177 37' R & 3' Conc. Walk & OK?

2120 36' R & 8' Conc. Drive

From 1434 to 1447 cb on Rt needs to be replaced.

From 1430 to End walk in ¹⁴⁷⁶ bad condition

From 0717 to 0725 cb on Rt needs to be replaced.

0400 N. La Playa

OK FIR
OK FIR

From 0-12 to 0-03 cb & cb Rt on Rt needs replacement 32.09A

0-17 N. Cb Line La Playa From 35' Rt to 37' Rt this cb. needs replacement

BM 7.07 32.09A 25.02 NE 7' d. c't La Playa & Kendall { checked on Mar 7.25 — 24.84

in N.E. of
La Playa & Kendall

4147	330
394	52
conc	BRK

409	3.24	2.77
375	402	53
Base	Top	conc
Step	Steps	

26.58	28.40	28.31
5.51	3.69	3.78
362	482	60
conc.	BRK	conc

Contd From Page 9

Lt

Q

R

10

0	I.P.	6.95	49.08			
		7.00	49.13	0.47	42.13 No Good	
					<u>41.84</u>	

From 1+21 to 1+25 cb in bad shape on Lt

0+74 to 0+90 cb on Lt needs replacement

0+00 N.L. Chico

0+44 37⁵ Lt Nly. Form of Proposed Conc Drive

31.16

377

375

72 P

Form

0+00 N.L. Fortuna

I.P.	10.29	42.31	42.60	0.56	32.31 No Good	
					<u>32.02</u>	

42.13 corrected

~~42.60~~

0+54 33² Lt Q 15⁵ Conc Drive

28.52

28.16

29.01

435

471

486

432

372

332

Flur

conc

conc

0+00 N.L. Roosevelt

32.87

32.87

Cont'd from Page 10

Lt

R

Rt

check 704 25.02 = 25.02

T.P. 2.52 32.06 2.96 29.54

T.P. 0.48 32.50 2.89 32.02

T.P. 0.07 41.91 6.95 41.84

BM. 3.39 48.79 45.40

Used Same Turns

- Turn No. 1 OK

2 NG

3 NG

check 3.39 45.69 ✓
45.74 = 45.40

~~7.00 41.03 0.07 41.06~~

From 1480 to 2+40 Cb on Lt needs replacement

49.08 X
49.13

X-Sec. for grade

Linda Vista Road

From 'S.W. of Molly to Azusa

INDEXED
aw
NOV 21 1951

12

- = Fd. Conc. Mon.
- = Fd. P.O.T. Nail FB 2125
- = Fd. pipe
- = Nail

State H₇ 3+57¹⁰

B.C.R.T. 3+35⁹⁷

20 20

Mollie

Lauretta

E.P. denotes edge of pavement

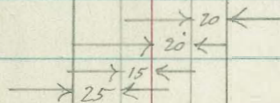
Bench

B.M.#17 $\frac{2149}{5}$ = Conc. Mon. EL = 31.61
± Lauretta wly. line Moller

B.M.#31 $\frac{2149}{79}$ = Conc. Mon. EL = 56.15
± Azusa - Nly. line Mildred

0+00 - 07 this line = 0+00 on

walkers line to S.West. FB 2125



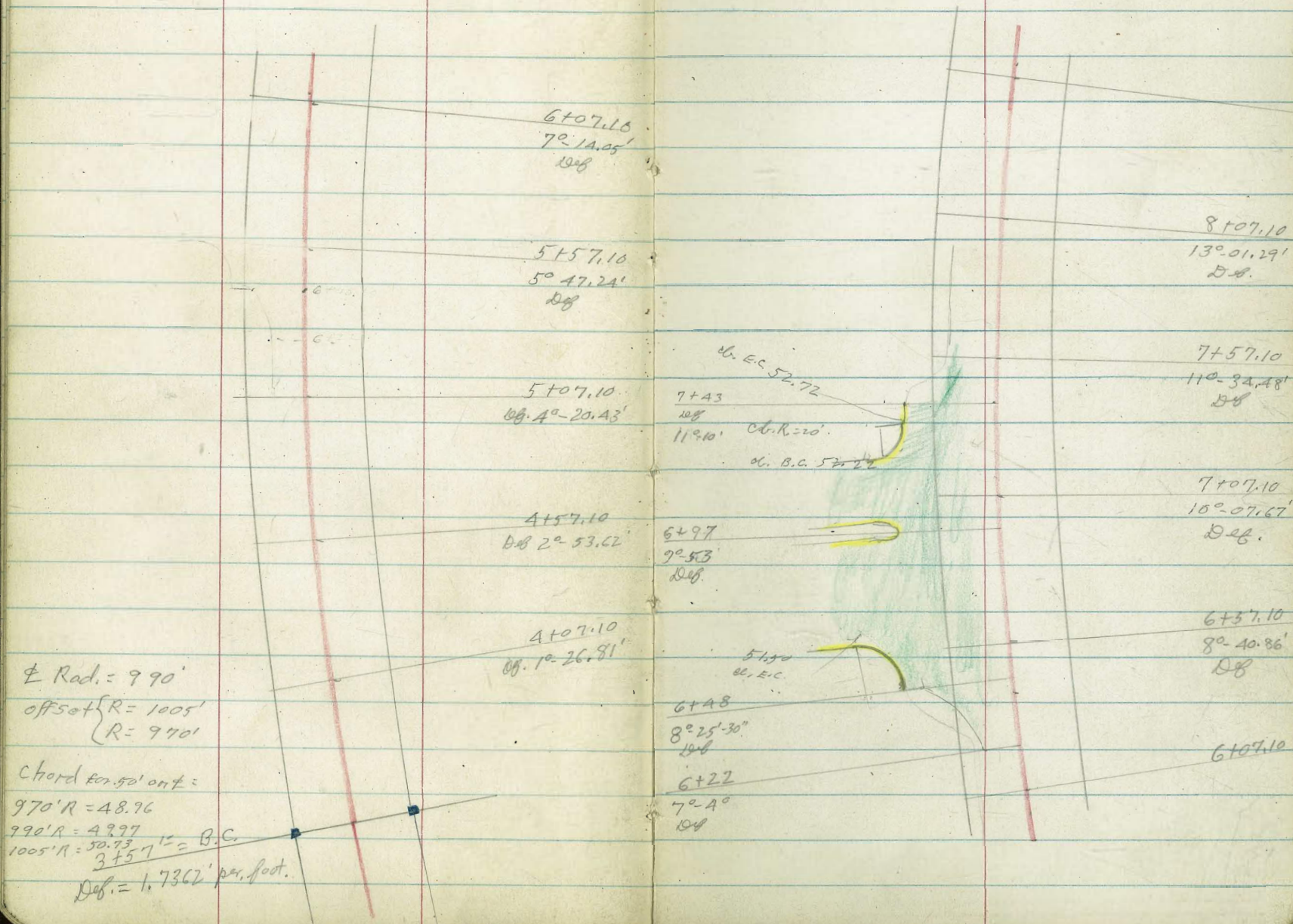
Fd. P.O.T. Nail

0+00 FB 2125

15' rd

40' x 40'

= offset lines



2+59 28' Lt = 9" Diam. Acacia

2+50 21' Lt = start roll burn.
B = top of burn.

2+45 30' Rt = pole # 4855

2+37 57' Lt & House

2+17-25' Lt = end Eugenia hedge

2+00

1+84 40' Rt = 3' wide Conc. walk.

1+77 29' Lt = 8" diam Acacia

1+67 { 33' Lt = pole # 30954 } H

1+50 { 25' Lt = start 2' high Eugenia hedge

1+29 & dirt drive on left.

1+00

0+85 29' Rt = Pole # 4825 458066 H

0+50

0+13 34' Lt = Pole #

0+00

Note: -

Actual elevation shown.

40	31.4	31.8	31.15	30.50	29.35	29.6	29.2	31.7
E.P.	13	19	E.P.	E.P.	22	27	40	
40	31.0	31.0	28.70	25.81	28.68	28.20	28.5	31.7
E.P.	25	21	18	18	E.P.	22	28	40
40	30.9	30.8	27.08	27.25	27.47	26.79	31.50	31.40
E.P.	32	20	18	18	E.P.	22	30	40
50	30.0	29.3	26.55					
E.P.	40	40	21					
40	30.4	30.2	26.5	25.55	25.74	26.08	25.98	31.0
E.P.	29	27	21	19	19	20	22	31
40	30.0	29.8	24.16	24.41	24.95	23.95	24.9	30.6
E.P.	31	21	19	19	20	E.P.	23	33
40	30.0	30.0	22.80	23.05	23.59	22.78	23.5	29.9
E.P.	33	21	19	19	20	E.P.	24	33

Linda Vista Road

E.P. = edge of usable Pavc

- 4+07¹⁰
- 4+04 30' Lt. = 12" diam. Eucalyptus
31' Lt. = Pole # 4902
- 3+97 33' Lt. = end cactus hedge
- 3+78 21' Rt. = start A.C. drive to oil station
- 3+77 28' Lt. = 8" diam. Eucalyptus
- 3+73 29' Rt. = Pole # 4901
21' Rt. = E.P. Pavc. From Mollie
- 3+70- 29' Lt. = 7" diam acacia
- 3+65- 30' Lt. = dead man
- 3+57¹⁰ = Highway B.C. Rt. & R. = 990.00
- 3+56 - 32' Lt. = dead man
- 3+54 - 29' Lt. = 8" diam. Acacia
- 3+52 40' Rt. = end pavc. into Mollie st.
- 3+ - 29' Lt. = 8" diam Acacia.
- 3+47- 27' Lt. = 7" diam Acacia.
- 3+35⁷⁷ 40' Rt. = S.Wly. Mollie + Linda Vista Rt.
- 3+46 Lt. = 6" diam Acacia
- 3+34 - Rt. = end of pavc. G = in gutter
Rad. = 20' t
- 3+37 32' Lt. = Pole 447763 H
- 3+26 33' Lt. = start row of cactus.
- 3+15 = pavc. B.C. into Mollie st.
- Set B. H. on nail 20' Rt 3+00 30.81
- 31+00
- 2+85 28' Lt. = 9" diam. Acacia

15

35.3 35.3 37.0 37.25 35.82 33.80 31.9 33.6

40 27 20 17 21 40 70

B E.P. E.P.

33.00 34.0

21 38 drive
Back edge of

32.65 33.11

21 E.P. 23 B

32.55 32.25 32.45 32.74 33.36

18 21 23 30 40

E.P. E.P. Mollie

33.18 40 E.P.

33.11 33.22 31.93 31.60 31.77 32.62

18 21 23 40

E.P. E.P.

31.91 31.56 31.73 32.70

18 21 23 40

End Pavc

31.05 21 E.P.

30.71 32.4 32.3

21 27 40

E.P. E.P.

32.5 32.2 33.5 32.84 32.01 30.71 32.4 32.3

40 25 21 18 21 27 40

E.P. E.P.

49.26 V.T.W.
39.26

48' Lt. = Pauc. + cl.
38' Lt. = Δ in Edge of pauc
6+48¹⁰ 48 Lt. = start curb. into Univ. Bnds.

50.00 49.50 49.33 44.20 44.07 44.5 44.13
48 48 38 20 20 32 33 40
OC Q B ER B

6+32 21' Rt. = start pauc. into Mildred
19' Lt. = Pauc. B.C. into Univ. Bnds.
6+22 31' Rt. = dead man.

47.6 46.7A 43.28 43.7
21 19 E.P. 33.28 33.7
B E.P. B
45.0 46.5 46.7 46.00 44.89 42.04 42.3 41.4 41.1
70 40 20 19 21 22 40 90
B ER EP B B At house

6+07¹⁰ 11' Lt.

6+01 30' Rt. = pole # 4965

5+57¹⁰

5+29 36' Rt. = Fire Hydt.

43.2 42.8 43.7 44.3 43.73 42.12 42.12 39.82 40.1 40.2
90 40 33 21 19 20 21 22 40
B EP EP G B

5+07¹⁰

38.6 39.4 40.7 42.0 41.40 39.92 37.73 38.0 38.5
100 40 30 21 19 22 19 40
B EP EP B

4+81- 20' Lt. = end drive into nursery

Linda Vista nursery

4+57¹⁰ 20' Lt. = start cold lay drive into
40' Rt. = end drive to Gas Sta.

38.7 40.30 39.6 39.30 39.59 39.46 37.82 36.01 35.68 35.80 35.3
100 40 20 19 20 22 20 22 40 100
E.P. E.P. G at house

4+14 49' Rt. = ctr. 2' pump island
40' Rt. = conc. slab gasoline Sta.

34.97 35.05
40 60
Back of
island.

8+07¹⁰

58.2 56.8 56.72 56.50 56.24 55.04 52.82 52.46 56.0 55.5
 40 29 25 19 11 19 21 2.8 10
 E.P. E.P.

7+57¹⁰

56. 53.6 53.6 51.00 53.93 52.20 50.08 49.80 52.1 51.5
 45 43 40 34 19 19 21 26 40
 E.P. G.

22' Rt. = end Pave. into Mildred
 48' Lt. = end curb.

7+43 - 38' Lt. = edge Linda Vista Rd. Pave

52.8A 52.50 53.15 51.45 48.87 49.4 51.3 50.4
 48 48 38 22 24 28 40
 G. G. E.P. B.

7+07¹⁰

51.97 51.70 51.47 49.53 47.20 46.78 45.60
 100 40 20 21 40 70
 on Pave on Pave

6+97 Center Island
 66⁵ Lt. = nose & 10' wide

51.98 51.50
 66 66
 G. G.

6+57¹⁰

50.36 49.93 49.79 48.85 46.84 44.63 44.36 44.18
 49 49 40 20 20 40 41
 G. E.P. B.

D. Smith
C. Allen
R. Taylor

4x4 outside catch basin
with a 25x35 grate

Storm Drain
Btw Lot 13 & 14

Replacement
BKD on Amaryllis Drive

WO # 20956 18
2-19-52

Plumasa Pk

INDEXED
LAW
FEB 20 1952

Ref: Map # 1820

E 18" pipe

FD 1/2" prop pipe
LS 2201

Prop line also existing 12" pipe

Lot 14

Lot 13

Location line

Prop line
66 line

set inlet
with 18x25 grate

0706

0700

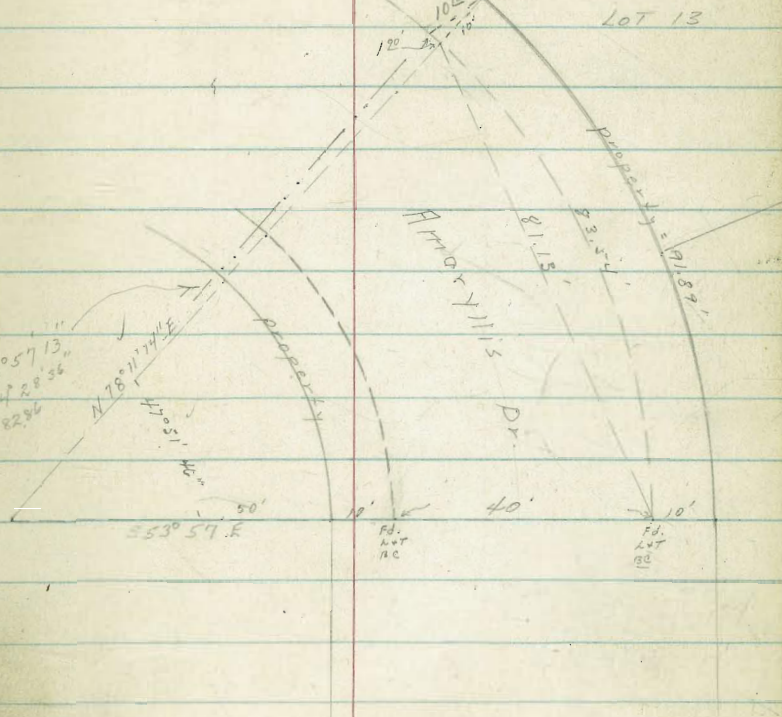
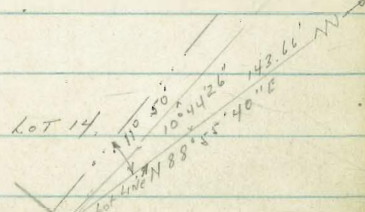
A 46°57'13"
B 24°28'56"
C 82°36"

N 78°11'14" E
H 351' 40"

55°59' E

FD LOT AC

FD LOT BC



0+60 7² Lt Basin Flag stone patio

0+57 1⁵ Lt E 6' Eugenia hedge Begins

0+52 4⁰ Lt E 36" Pine tree

0+50 Note there is a sprinkler system in yards of

0+45 1³ Lt Basin wire & pipe fence con set

0+35 7⁰ Lt Basin Flag stone steps and walk

0+29 4⁵ Lt E 8" decorative tree

0+27 3⁶ Lt E 3" trunk bush

0+22

0+06^L Edge walk

Note cb outs taken on curve

0+00 3⁸ Lt encl & inlet

TP₃ 0²⁹ 136⁵⁶ 6⁵⁴ 135²⁷

TP₂ 1⁰² 142³¹ 11³⁵ 141²²

TP 4²⁹ 152⁵⁷ 8²⁵ 148²²

B.M. 0⁰⁹ 157²³ 157¹⁴

Ely, B.C. 10' Lat
Anargyris St.

SW 8P
Narcissus +
Elliott

Lt North

128.42

8¹⁴

7²

131.0

5⁵

10

Rt South

19

120.8

6⁰

10

125.1

15

125.5

10⁵

135.97

0⁵⁷
cb
40

125.53

1⁰³
gnt
40

135.60

0²⁶
cb
38

134.79

1¹⁷
grade
38

131.17

5³³
10
33

125.54

1⁰²
cb
40

124.79

1²⁷
gnt
40

125.24

1²²
cb
40

125.02

1⁵⁴
gnt
40

136⁵⁶

- 1457 3³LT end 6' Eugenia hedge
- 1457 3³LT Begin Board fence across N-S Alley end
32 4th cor.
- 1456 E crosses 5' high picket fence
- 1452 5²LT E 4" bush
- 1450
- 1433 6⁰LT closest point of cement track Fish Pond
- 1428 2⁰RT E 3" Apple tree
- 1403 4⁰LT SE cor play house
- 1400
- 0493 4⁰LT SW cor play house
- 0492 2⁰LT E 3' wide walk
- 0488 8⁵LT End patio nearest edge
- 0480
- 0477 3⁶LT E 12' long barbecue nearest edge
- 0470 7' fence board crosses line
- 0468 6⁹RT nearest cor Fire chimney
- 0460 5²RT NW cor house

122.3

123.4

124.2

143
10

133

124
10

125.7

126.8

127.3

102
10

98

93
10

127.5

127.9

943
12

927
2

walk

127.6

128.2

128.5

90
10

84

81
10

136.56

L.P. North

Rt. South

21

BM starting

129

157¹²

157¹⁴

TP 11⁴⁸

158⁴¹

0¹³

146²⁵

TP 10⁷⁷

147²⁷

0²⁶

136²⁰

1763 6³lt E 4x4 catch basin

17595 E crosses 6' board fence Alley end N=8

114.91

19.79

122.93

123.0

21⁶⁵

16⁷⁷

13⁶³

13⁶

10

10

grate

18"

12"

63

63

63

63

Reduced by Lechhead 3-6-52

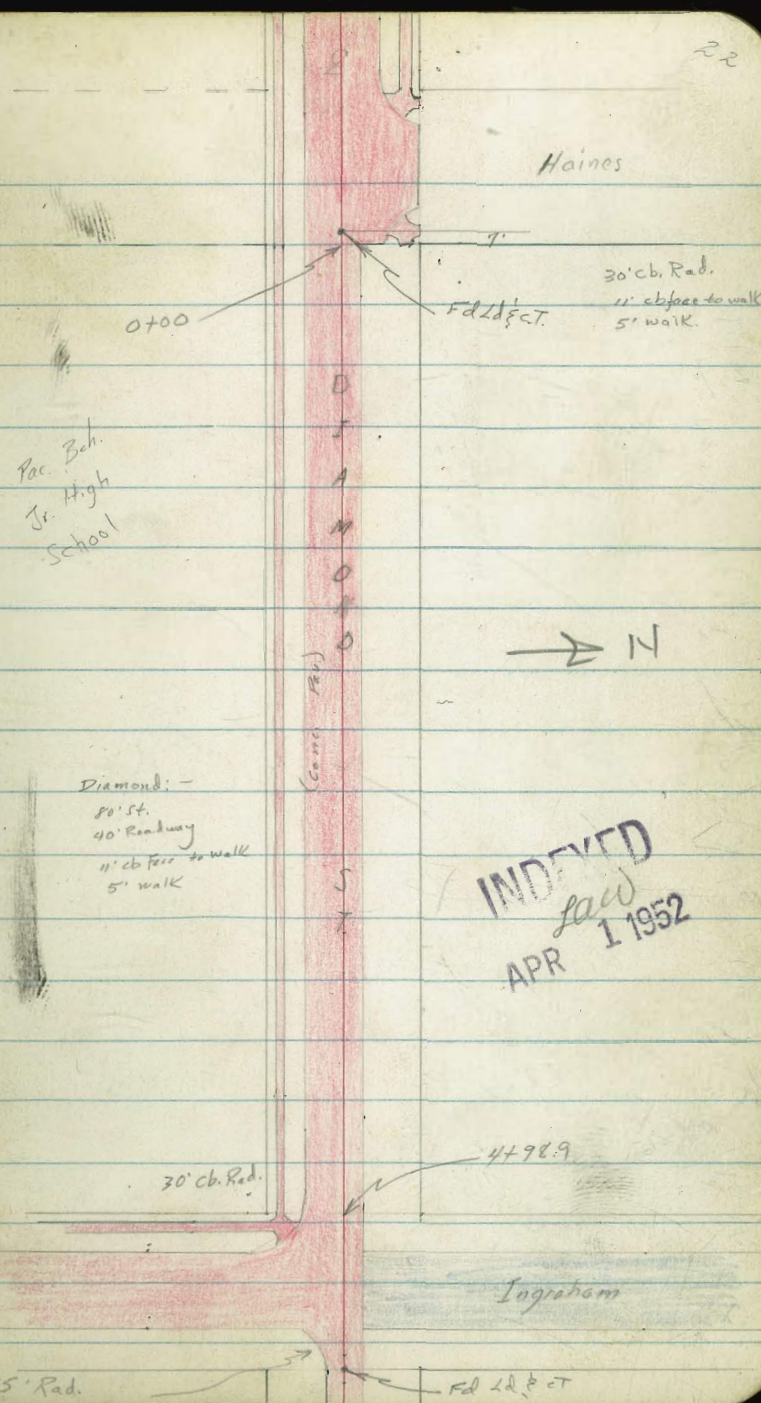
X 136⁵⁶

Roberts
Cota
Moore
Pollen
3-28-52
W.031913

X-Section Diamond Street

Haines to Lamont

22



Pac. Beh.
Jr. High
School

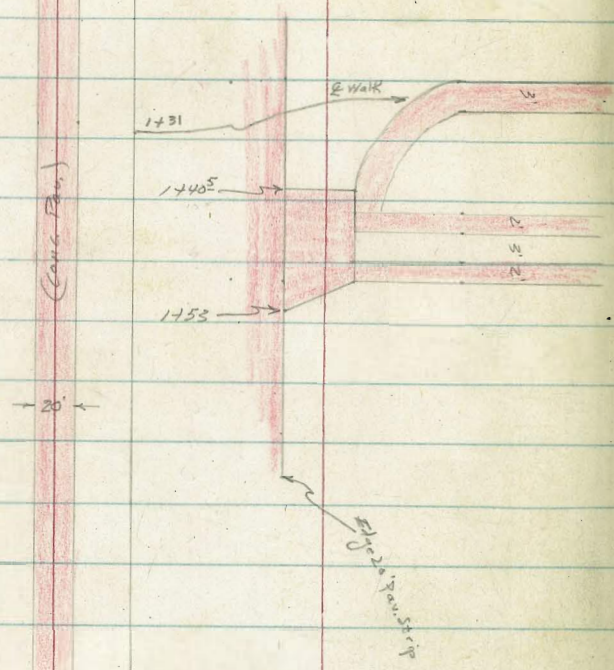
Diamond: -
50' St.
40' Roadway
11' cb face to walk
5' walk

INDEXED
law
APR 1 1952

Between old orig. 20' strips Approx 45' Rad.

Ingraham

Fd. Ld. & c.T. = 0+00



5+19.7

Set Chisel cross

Jewell

Fd Ld & c.T

0+00

10' cb Rad.

11' ch face to walk

5' walk

23

(Main Pav.)

20'

10+79.5

Fd Ld & c.T

Diamond -

20' St.

40' Roadway

11' cb face to walk

5' walk

10' cb. Rad.

Set chisel cross

Fd Ld & c.T

Lamont

Side walk in!

Reduced
4-2-52
H. Mills

0+50

5.6	5.7	7.1	7.51	7.47	7.61	8.14	7.45
50	10	20	10		10	60	60

0+32

396' Lt of 4' Conc Walk

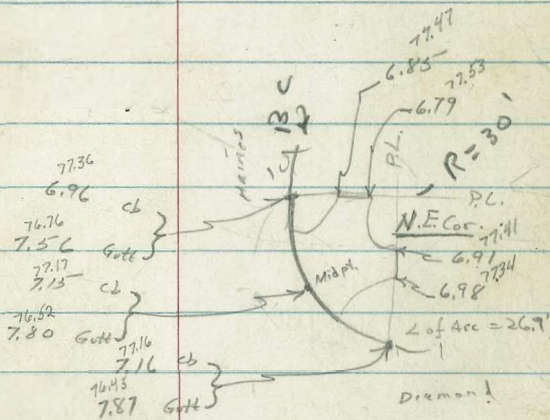
5.66	5.79
512 conc	396 conc

0+00 East Line Haines

7.16	7.87	8.04	8.00	8.11	8.43	7.83
212 cb	212 Gutt	10		10	20 Gutt	20 cb

Set TBM

8.09 76.23 { 2d & CT on
Q Diamond E
E. T Line Haines



Q Haines

7.55	8.02	8.02	8.07	8.26	8.58	8.14
392	20	10		10	20 Gutt	20 cb

BM

0.73 84.32T

83.59 2d & CT on
Q Diamond E
E.L. Ingham

84.32T

Cont'd From Page 24

3+00

79.3	79.0	79.1	78.5	78.52	78.49	78.31	77.95	78.55
5.0	5.3	5.2	5.8	5.80	5.83	6.0	6.37	5.77
50	40	21	18	10		10	20 5ft	20 8

2+50

79.2	79.3	79.2	78.2	78.12	78.10	77.94	77.46	78.15
5.1	5.0	5.1	6.1	6.20	6.22	6.38	6.86	6.17
50	40	21	16	10		10	20 5ft	20 6b

2+00

79.1	78.7	78.4	77.9	77.80	77.80	77.64	77.20	77.85
5.2	5.6	5.9	6.4	6.52	6.52	6.68	7.12	6.47
50	40	20	16	10		10	20 6ft	20 6b

1+91

40' Lt & 8" Conc Drive

78.70	78.99
4.62	5.33
592 Floor	40 conc

1+50

78.7	78.6	78.2	77.6	77.47	77.49	77.34	76.88	77.52
5.6	5.7	6.1	6.7	6.85	6.83	6.94	7.44	6.80
50	40	20	15	10		10	20 6ft	20 6b

1+41

40' Lt & 8" Conc Drive

78.58	78.55
4.76	5.77
60 Floor	40 conc

1+00

78.8	78.4	77.4	77.6	77.19	77.03	76.52	77.22
5.5	5.9	6.9	7.16	7.13	7.29	7.80	7.10
50	40	17	10		10	20 6ft	20 6b

84.32A

84.32A

Lt.

Q

57

23

4758 26' Lt to Center Acacia Tree 16"

81.4	81.8	81.9	81.2	81.47	81.49	81.35	80.84	81.43
5.4	6.0	5.9	6.6	6.32	6.50	6.44	6.95	6.30
50	40	21	18	10		10	20	20
							5.44	6.8

4750

4423 26' Lt to Center Acacia Tree 8"

81.0	80.6	80.8	81.4	80.52	80.48	80.32	79.88	80.50
6.8	7.2	7.0	7.4	7.27	7.31	7.47	7.91	7.29
50	40	21	18	10		10	20	20
							5.44	6.8

4400

T.P. 8.27 87.77π 480 79.52 87.79π

3450 39' Lt begin 35' Wood Fence

79.9	79.6	79.9	79.4	79.45	79.48	79.34	78.88	79.50
4.4	4.7	4.4	4.9	4.87	4.84	4.98	5.44	4.82
50	40	22	20	10		10	20	20
							5.44	6.8

3442 26' Lt to center Acacia Tree 14"

3433 40' Lt Q 2 Strip Drive

{ 65' overall
2' strips

79.80	79.65
4.52	4.67
60	40
conc	conc

ON Lt a 10' strip taken AC Par. (Rough) Begins

3421 40' Lt Q 4' conc. Walk

79.79	79.57
4.53	4.75
612	40
conc	conc

84.32π

84.32

Cont'd From Page 26

Lt

R

Rt 27

T.P.

4.18 83.61 = 83.59

E Ingraham

5723

5718.9 W. Cb. Line Ingraham

4798.9 West Line Ingraham

4788.9 Cb BC on Rt

4768

Lt 20

R 4' Conc walk

87.79X

84.53	82.50	83.03	82.00	82.89	82.59	82.57	81.05
3.26	4.29	4.76	4.77	4.90	5.10	5.22	6.74
100	40	10		10	33	40	100

82.86	82.77	82.60	82.68	82.69			
4.93	5.02	5.19	5.11	5.10			
50	40	20	10				

82.71	82.7	82.4	82.5	82.66	82.65	82.52	82.44	81.78	82.39
3.7	4.1	4.4	5.3	5.13	5.14	5.27	5.35	6.01	5.40
50	40	30	18	10		10	20	54	20

82.6	82.3	82.9	82.1	82.38	82.50	82.29	81.84	82.37
4.2	4.5	4.9	5.7	5.41	5.39	5.50	5.95	5.42
40	40	20	18	10		10	22.5	22.5
							6.4	6

82.5	82.1	82.9	81.9	82.23	82.24	82.14	81.68	82.29
4.3	4.7	4.9	5.9	5.56	5.55	5.65	6.11	5.50
50	40	20	18	10		10	20	20
							6.4	6

82.04	81.28	81.83	
5.75	5.81	5.96	
50	40	20	
conc	conc	conc	

87.79X

0+45 Begin curb & walk on Rt

8417
7.86 7.37 7.20
20 31 30
cb walk walk

0+31 40^I Lt Q 4' Conc Walk

84.38
5.65 5.81
552 402
conc conc

0+22 38^E Rt Q 2' conc Walk

8462
7.4 7.40
385 55
conc conc

0+19^E End of Curve between old orig. 10' strips

83.87
8.16 8.12 8.23
10 10

0+00 East Line Ingraham

852 853 850 887 83.54 83.59 83.45 83.38 83.0 83.9 84.1 84.1
6.4 6.7 7.0 8.3 8.49 8.44 8.58 8.65 9.0 8.1 7.9 7.9
50 40 23 16 10 10 13 26 23 40 50

0-14

850 849 847 834 8335 83.33 83.23 83.00 82.6 83.3 84.1
7.0 7.1 7.5 8.6 8.68 8.70 8.80 9.03 9.4 8.7 8.9
50 40 27 18 10 10 23 31 40 50

0-22^E

83.66
831 83.23 83.25 83.15 82.21
50 8.80 8.78 8.88 9.02
10 10 50

BM

8.44

92.03 ∇

83.59

92.03 ∇

Cont'd From Page 28

1+18 36⁵ Rt & 2' walk

1+10

1+02 40' Lt & 8' conc Drive

0+95 END CURB & WALK ON RIGHT

0+83 40⁵ Lt & 4' conc Walk

0+60

0+51 20' Rt & 11' Drive opening

0+49 40³ Lt & 8' conc Drive

92.03A

Lt

R

Rt

29

	88.4	88.2	87.4	85.1	85.59	85.60	85.53	85.2	85.5	85.5	85.7
	3.6	3.8	4.6	6.9	6.44	6.40	6.50	6.8	6.5	6.5	6.3
	50	40	24	15	10		10	16	22	40	50
			88.27		85.94						
			376		6.09						
			592		40						
			conc		conc.						
								85.74	85.82	85.63	
								6.79	6.51	6.40	
								20	31	36	
								cb	walk	walk	
			87.87		87.49						
			4.16		4.54						
			383		402						
			conc		conc						
	87.0	86.7	86.1	84.1	84.59	84.63	84.51	84.1	84.5	84.51	
	5.0	5.3	5.9	7.9	7.44	7.40	7.52	7.9	7.5	7.52	
	50	40	25	15	10		10	15	20	20	
									conc	cb	
								88.86			
								8.17			
								20			
								21P			
			86.84		84.87						
			5.19		7.06						
			596		702						
			BRK		conc						

92.03A

Cont'd From Page 29

2+00

1769 Right → Begin Curb & walk

1762 Begin walk on left

1750 Hits Fly Edge of East Sidewalk on Lt.
shots, Good for ground

1745 36' Rtl & 2⁵' Conc Walk

1740.5

1731 See Sketch Page 23

92.03X

Lt

F

Rt 30

87.91

4.12
26
walk

Note

87.6

4.4
20

87.83

4.78
10

87.32

4.71

87.17

4.86
10

86.6

5.4
16

86.81

5.22
20
20
26

86.25
5.78
20
20
20

86.47
5.56
31
31
walk

86.55
5.48
50
50
50
50
walk

87.33

4.70
31
walk

87.27

4.76
26
walk

Note!

86.69

5.34
16

86.55

5.48
10

86.58

5.45

86.49

5.54
10

86.9

6.1
16

86.5

5.5
23

86.5

5.5
40

86.4

5.6
50

87.42

2.61
50
conc

87.78

3.25
40
conc

87.57

4.46
17
conc

86.38

5.65
10

86.37

5.66

86.27

5.76
10

85.8

6.2
16

86.3

5.7
24

86.4

5.6
40

86.4

5.6
50

86.30

5.75
36
conc

86.28

5.75
40
conc

86.23

5.80
50
conc

87.84

4.19
21
conc

87.58

4.45
17
conc

86.18

5.85
10
conc

88.88

3.15
50
conc

88.65

3.98
40
conc

92.03X

Cont'd From Page 30

Lt

£

Rt

31

2+91 40' Rt £ 25' Conc Walk

89.14
5.63
20'±
conc

89.31
5.46
54.5
conc

2+76 40' Rt £ 2-Strip Drive { 2' Ribbon
6" Overall

92.26
4.51
40'±
conc

92.81
3.81
60
conc

2+69 END WALK ON LEFT
END CURB & WALK ON RIGHT

88.24	89.15	88.8	88.62	88.60	88.44	88.0	87.0	87.24	88.58
553	562	60	615	617	633	6.8	6.8	6.53	6.19
31 walk	26 walk	17	10		10	17	20'± cutt dirt	20'± cb	31'± walk
	Note!								6.13 walk

2+64 Rt £ 10' Drive Opening

87.69
7.13
20'±
lip

TP. 2.01 94.77X 4.27 87.76 94.77X

2+50

88.82	87.3	88.24	88.19	87.09	87.6	87.77
321	3.7	379	384	3.94	4.4	4.26
26 walk	21	10		10	20'± cutt dirt	20'± cb
Note						

2+14 Rt £ 10' Drive opening

86.63
5.40
20'±
lip

92.03X

92.03X

Cont'd From Page 31

Lt

♀

Rt

32

4401 40' Rt ♀ 3' Conc Walk

4400

3489 39' Lt ♀ 3' Conc Walk

3469 27' Lt to center 6" Pepper Tree

3450 40' Rt ♀ 3' Conc Walk

3430 40' Rt ♀ 8' Conc Drive

3416 40' Rt ♀ 5-Strip Drive { 2' Strips
7' overall

3400

94.77A

92.8	92.3	91.0	91.10	91.12	92.29	92.29	94.05	
2.0	2.5	3.8	3.67	3.65	4.48	4.48	4.72	
50	40	19	10	10	40 Conc	40 Conc	40 Conc	
	92.91		92.39					
	1.86		2.38					
	53		39.5					
	conc		conc					
91.6	91.1	90.7	90.1	90.13	90.17	94.01	89.9	89.74
3.2	3.7	4.1	4.7	4.64	4.60	4.76	4.9	5.03
50	40	22	18	10	10	10	26	40 ² conc
								55 conc
								Good for ground
						89.56	89.30	
						5.21	5.47	
						40 ³ conc	63 Floor	
						89.44	89.01	
						5.33	5.76	
						40 ³ conc	60 conc	
92.8	92.5	87.6	89.0	89.17	89.17	89.08	89.1	89.2
4.0	4.3	5.2	5.8	5.60	5.60	5.69	5.9	5.7
50	40	22	16	10	10	10	16	19
								41
								56
								55
								50

94.77A

Cont'd From Page 32

Lt

Rt

Rt

33

5700

940	938	932	927	927	9302	9292	925	919	918
0.8	1.0	1.6	2.1	1.80	1.75	1.85	2.3	2.9	3.0
50	40	22	20	10		10	15	40	50

4480 25' Lt to Center 4" Pine Tree

4464 41' Rt & 8' Conc Drive

4455 41' Rt & 3' Conc Walk

4450

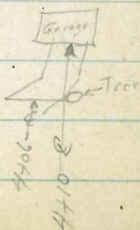
926	928	926	920	9203	9209	9198	912	919	918
1.2	2.0	2.2	2.9	2.74	2.68	2.79	3.6	3.9	4.0
50	40	24	19	10		10	26	40	30

4428 25⁵' Lt to Center 6" Pepper Tree

4418 39⁵' Lt Begin Pickett Fence

4412⁵ 40' Lt to Center 18" Pepper Tree

4406 39¹' Lt & 9' Conc Drive



9312	9248
1.65	2.29
57	391
conc	conc

9477A

9477A

Cont'd from Page 33

26

27

28

34

0-20

926	928	936	938	933	9308	9300	9274	9211	914	910
5.6	5.37	5.6	5.35	5.9	6.15	6.23	6.49	7.1	7.8	8.2
50	40	40	30	30	10		10	20	40	50
	6.0	6.0	6.0	6.0	6.0					
	6.0	6.0	6.0	6.0	6.0					

Q Jewell

9250	928	9226	9223	9209	918	910
4.2	5.4	5.97	6.00	6.14	7.4	9.2
100	40	10		10	40	100

5739

929	929	925	9231	9233	9222	919	918	915
5.3	5.3	5.7	5.92	5.90	6.01	7.3	8.4	8.7
50	40	20	10		10	20	40	50

5735

923	929	927	9232	9234	9223	926	921
4.9	5.3	5.5	5.91	5.99	6.00	6.6	7.1
50	40	20	10		10	40	50

5719.7

398' 26" End Pillot Fence
West Line Jewell

921	927	924	9234	9235	9228	926	923	921
5.2	5.5	5.8	5.99	5.88	5.95	6.6	6.9	7.1
50	40	28	10		10	16	40	50

T.P. 612

99.23K

166

93.11

{ chisel cross on
Q Diamond
E.72 Jewell

99.23K

5702

25' 26" to Center 4" Pepper Tree

94.77K

2+00

98.25	97.7	97.7	97.80	97.64	97.6	95.5	95.3	97.7
6.10	6.7	6.57	6.56	6.72	6.8	8.7	9.1	9.7
20	20	10		10	18	35	40	50
cb	cutt dirt							

1+94

Lt Q 11' Drive opening

97.67
20
LIP

T.P.

730

104.36π

2.17

97.06

104.36π

1+50

97.28	96.8	96.79	96.76	96.58	96.2	95.7	95.2
1.95	2.4	2.44	2.47	2.65	3.0	5.5	6.0
20	20	10		10	18	40	50
cb	cutt dirt						

1+21

40³ RT Q 2⁵ conc walk

95.58
5.65
40²
conc

93.23
6.00
50
conc

1+09

Lt Q 16' Drive opening

95.78
3.45
20
LIP

1+00

96.08	95.4	95.61	95.61	95.54	94.9	93.1	93.1
3.15	3.8	3.62	3.62	3.79	4.3	6.1	6.1
20	20	10		10	16	40	50
cb	cutt dirt						

99.23π

99.23π

Cont'd From Page 36

3450

T.P. 10.12 111.42 π 3.06 101.30

3443 26' R^t to Center 24" Cypress Tree

3406

3402 36' Lt East Edge 8' Conc Drive

2491 Lt End Curb & Walk

2484 Lt $\frac{10'}{10}$ Drive opening

2450

10436 π

	1044	1046	103.8	101.3	101.03	101.08	100.94	100.9	1190	1043.2	1030	1041
	6.5	6.8	7.6	10.1	10.39	10.34	10.44	10.5	7.4	8.2	8.4	10.3
	50	40	19	16	10		10	15	20	40	45	50

111.42 π

	1040	103.1	102.3	99.9	100.06	100.12	100.02	100.0	101.5	101.1	101.1
	0.4	1.3	2.1	4.5	4.30	4.24	4.34	4.4	2.9	3.3	3.3
	50	40	19	16	10		10	16	18	40	50

	103.82	101.54	100.88	99.9	100.02	100.07	99.95	99.9	101.2	100.9	100.9
	0.54	2.32	3.48	4.5	4.34	4.29	4.41	4.5	3.2	3.5	3.5
	65 floor	40 conc	36 conc	16	10		10	16	18	40	50

	100.52	100.42	100.25	99.8
	3.84	3.94	4.1	4.6
	36 walk	31 walk	20 cb	20 G.H. Dirt

99.60
4.76
20
Lip

	99.40	98.7	98.79	98.87	98.74	99.0	98.2	98.5
	4.96	5.7	5.57	5.49	5.62	5.4	6.2	6.5
	20 cb	20 G.H. Dirt	10		10	21	40	50

10436 π

5410

4483 26⁵ R+ to Center 30" Cypress Tree

4472 26⁵ R+ to Center 18" Cypress Tree

4465

4456

4423 26⁵ R+ to Center 24" Cypress Tree

4400

3494 25⁸ R+ to Center 24" Cypress Tree

3483 49' Lt of 3' Conc Walk

3473 26⁵ R+ to Center 24" Cypress Tree

1142A

	24	E	R+	38
	104.7	108.1	104.7	104.0
	2.7	3.3	6.7	7.42
	50	40	16	10
	102.8	106.9	105.9	104.2
	3.6	4.5	5.5	2.8
	50	43	40	25
	103.8	104.8	104.8	107.9
	7.6	7.9	7.6	3.5
	10	10	10	50
	103.2	103.4	103.4	101.7
	8.22	8.16	8.22	7.42
	10	10	10	10
	106.2	106.3	106.7	104.0
	5.2	5.1	4.7	7.2
	50	40	20	15
	103.2	103.2	103.2	108.6
	8.16	8.26	8.16	2.8
	10	10	10	25
	105.7	105.6	105.3	107.9
	5.7	5.8	6.1	3.5
	50	40	19	40
	102.4	102.4	102.4	101.7
	9.26	9.22	9.26	7.42
	10	10	10	10
	103.2	103.2	103.2	104.0
	9.22	9.36	9.22	7.42
	10	10	10	10
	105.5	105.5	105.5	104.0
	5.9	5.9	5.9	7.42
	40	40	40	10
	101.2	101.2	101.2	104.0
	10.2	10.2	10.2	7.42
	50	50	50	10

1142A

5485

109.3	109.0	108.2	105.0	104.48	104.51	104.39	104.4	106.1	106.3	104.9	102.1
3.0	3.3	4.1	7.3	7.85	7.92	7.94	7.9	7.2	6.0	7.4	10.2
50	40	27	16	10		10	15	21	40	47	48

5478

108.8		108.3		104.43	104.48	104.38	104.4			106.5	104.5
3.5		4.0		7.70	7.85	7.95	7.9	4.0	5.8	7.8	10.4
50		40		10		10	15	21	40	47	48

5470

	108.9	108.5		104.40	104.47	104.36	104.4	108.5	106.5	105.0	101.9
	3.4	3.8		7.93	7.86	7.77	7.9	3.8	5.8	7.3	10.4
	50	40		10		10	15	21	40	46	47

5465

109.3	109.3	108.9	105.0	104.36	104.40	104.34	104.4	108.2	106.8	105.0	101.9
3.0	3.0	3.4	7.3	7.77	7.89	7.79	7.9	4.1	5.5	7.3	10.4
50	40	22	14	10		10	15	21	40	47	48

T.P. 7.91 112.33A 7.00 104.42

112.33A

5461 31.5' 24 to Center 29" Paper Tree

5443 25' 24 to Center 30" Palm Tree

5420

109.8	109.9	109.9	104.6	104.13	104.19	104.10	104.2	108.5		107.7	101.8
1.6	1.5	1.5	6.8	7.29	7.23	7.32	7.2	2.9	3.7	9.6	
50	40	20	16	10		10	16	26	40	50	

111.42A

111.42A

Cont'd From Page 39

6+76 40' Lt East Edge Conc Drive

	10709	Lt	106.22	104.9	104.88	104.72	104.78	105.0	Re	40
	3.24		6.11	7.4	7.45	7.41	7.55	7.3	8.6	9.9
	648		40	16	10	10	10	40	45	46
	Floor		conc							

6+68 40' Lt West Edge Conc Drive

	10909		106.26	104.8	104.84	104.91	104.25	104.7	103.9	102.54
	3.24		6.07	7.5	7.49	7.42	7.58	7.6	8.4	9.9
	648		40	16	10	10	10	40	46	47
	Floor		conc							

6+60

	10850		107.7	104.9	104.8	104.76	104.57	104.7	104.8	103.9	102.3
	4.3		4.6	5.4	7.5	7.57	7.46	7.62	7.5	8.4	10.0
	50		40	22	16	10	10	10	40	46	47

Shots on Right of 1042 are on Brown Military Academy Field

6+30

	10844		1080	107.0	104.8	104.65	104.71	104.58	104.3	113.3	105.4	114.4	102.1
	3.9		4.3	5.3	7.5	7.68	7.62	7.75	8.0	7.0	6.9	7.9	10.2
	50		40	24	15	10	10	10	15	20	40	46	47

6+25 39 1/2' Lt East Edge Conc Drive

	10857		105.95	105.1	104.66	104.73	104.58	104.5	104.6	105.5	104.4	102.3
	2.74		6.38	7.2	7.67	7.60	7.75	7.8	6.7	6.8	7.9	10.0
	692		39 1/2	32	10	10	10	15	20	40	46	47
	Floor		conc									

6+17 39 1/2' Lt West Edge Conc Drive

	10859		104.4	105.0	104.58	104.65	104.53	104.3	104.2	105.9	104.6	102.2
	2.74		6.32	7.3	7.75	7.68	7.80	8.0	6.1	6.4	7.7	10.1
	692		39 1/2	32	10	10	10	15	20	40	46	48
	Floor		conc									

6+12

	10817		108.4	102.9	104.9	104.58	104.61	104.51	104.4	106.3	106.0	104.8	102.2
	3.6		3.9	4.4	7.4	7.75	7.72	7.82	7.9	6.0	6.3	7.5	10.1
	50		40	25	16	10	10	10	15	21	40	46	48

112.33T

112.33T

Contd From Page 40

8+20 40' Lt & 8' Conc Drive

8+00

T.P. 5.59 110.64 T 7.28 ~~7.28~~ 105.05

7+75 40' Lt & 8' Conc Drive

7+50

7+15 39' Lt to Center 6" Oleander Tree

7+00

6+79

112.33 T

Lt

Q

8+

41

~~105.89~~
2.80
63
Floor

106.48
3.76
70
conc

107.2
34
50

106.5
40
40

105.1
5.5
16

105.25
5.39
10

105.31
5.33
10

105.17
5.47
10

104.8
5.8
36

103.1
7.5
40

102.3
8.3
43

101.8
8.8
50

~~102.35~~
4.98
47
conc

102.05
5.28
40
conc

107.6
4.7
50

107.1
5.2
40

105.3
7.0
20

105.09
7.24
10

105.13
7.18
10

105.03
7.30
10

104.9
7.4
35

103.4
8.9
40

102.3
10.0
45

107.6
4.7
50

107.1
5.2
40

106.1
6.2
21

105.0
7.3
16

104.89
7.44
10

104.97
7.36
10

104.86
7.47
10

105.2
7.1
36

104.1
8.2
40

103.5
9.7
46

107.2
4.5
50

107.3
5.0
40

106.4
5.9
21

104.9
7.4
16

104.88
7.45
10

104.92
7.41
10

104.78
7.55
10

105.0
7.3
40

103.7
8.6
45

102.9
9.9
46

That shot of roof are out Brown Military Field

112.33 T

Cont'd From Page 41

9453 40' Lt @ 2' Conc Walk

9450

9420 40' Lt @ 8' Conc Drive

9400

8480 25' Lt to Center of Live Stump olive 14"

8470 40' Lt @ 8' Conc Drive

8450

8448 40' Lt @ 3' Conc Walk

110.64X

Lt Rt 42

89.81
118.68
1.96
50
conc

71.80
108.12
2.52
40
conc

108.4
2.2
50

108.1
2.7
40

108.0
4.6
17

105.90
4.74
10

105.82
4.72

105.79
4.35
10

105.3
5.3
15

105.8
4.8
20

105.6
5.0
37

104.2
6.4
40

103.5
7.1
44

235.0
108.62
2.02
63
Floor

304
107.60
3.04
40
conc

107.7
2.9
50

107.1
3.5
40

105.6
5.0
20

105.0
4.95
10

105.69
4.95

105.57
5.13
10

105.3
5.3
36

103.6
7.0
40

102.9
7.7
48

101.7
7.9
50

108.48
108.48
2.16
63
Floor

107.08
107.08
3.56
40
conc

107.0
3.6
50

106.8
3.8
40

105.3
5.3
16

105.47
5.17
10

105.50
5.14

105.32
5.32
10

105.1
5.5
35

103.4
7.2
40

102.4
8.2
45

102.2
8.4
50

58.50
105.50
3.29
50
conc

102.02
102.02
3.62
40
conc

110.64X

Cont'd From Page 42

Lt

Σ

Rt

43

West Curb Line Lamont

108.25	107.59	106.93	106.30	106.19	106.10	105.70	105.37	105.13	104.37	105.01
309	374	440	503	514	523	563	596	540	696	632
80	80	30	30	20		20	30	30	80	80
cb	cut	cb	cut				cut		cut	cb

10+79.5 West Line Lamont

107.12	107.03	106.87	106.30	106.47	106.44	106.27	105.78	106.15	106.16	106.23
421	430	446	503	486	489	504	555	518	517	510
36 ³³	31	20	20	10		10	20	20	31	36 ³³
walk	walk	cb	cut				cut	cb	walk	walk

10+50

108.3	108.8	107.6	107.0	106.5	106.30	106.1	106.7	105.5	104.9
20	25	37	43	48	503	504	521	46	58
50	40	33	21	16	10	10	17	40	50

10+38 21² Rt to center Guy Pole

10+27 22' Rt to Deadman

10+20 58⁵ 26 Σ Garage (unfinished)

110.44
0.37
58⁵
Flbr

T.P. 5.14 111.33π 4.25 106.19

111.33π

10+00

109.5	108.7	108.2	106.2	106.11	106.11	105.93	105.7	106.2	106.0	104.6	104.2
1.1	1.9	2.4	4.4	4.53	4.83	4.71	4.9	4.4	4.6	5.8	6.4
50	40	36	15	10		10	15	20	38	40	43

110.64π

110.64π

Cont'd From Page 43

26

27

28

44

Check

8.38 83.54 = 83.59

T.P. 173 91.92 8.01 90.19

T.P. 054 98.20 11.65 97.66

T.P. 413 109.31 6.15 105.18

Check

5.51 105.82 = 106.03

SWBP Diamond & Lamont

Do NOT USE

Q Lamont

108.36	106.69	105.72	105.86	104.94	103.98
2.97	4.64	5.51	5.47	6.39	7.35
100	50	20		50	100

111.33π

111.33π

Reduced by
R. Barber
12-2-52

0+50

0+25 - Break in Grade on Rt curb.

0+22 - Break in Grade on Left curb

0+11⁶² = Curb BC RT - break on left in curb

0+00 - Niy Line Poinsetta - Sec. taken 90° to k. Ave.

0+11⁶² = 90° to wiy curb BC.

BM 6.00 152.69 ✓

LT = Wiy
See #1864-44
146.69.

LT = Wiy Rt = East 46

145.84	145.76	146.16	146.05	146.74
685	733	653	664	593
17	17	17	17	17
Cb	G	G	G	Cb

148.25	147.72	148.68	148.58	149.36
444	492	481	441	333
17	17	17	17	17
Cb	G	G	G	Cb

146.65	148.15	148.89	148.82	149.60
404	454	380	387	309
17	17	17	17	17
Cb	G	G	G	Cb

149.37	148.87	149.45	149.46	150.81
332	382	324	323	251
17	17	17	17	17
Cb	G	G	G	Cb

149.02	148.97	149.76	149.91
327	372	293	228
17	17	17	17
Cb	G		

149.20	148.77	149.81	150.32
349	392	288	237
17	17	17	17
Cb	G		

152.69

1433^E = 12th Rt = end ely Curb

1419. end Wly Curb - 18th Lt.

1413. ¹⁹ BC Curb + Break in Grade on Curb

TP, 0.28 141.25 1172 140.97^v

1400

0475

Lt = wly

Rt = ely.

47

452	136.73	379	137.76	294	138.71	216	139.09
17				124		124	
				G		G	

232	138.93	293	138.32	90	139.35	208	139.17	144	139.81
184		184				164		164	
G		G				G		G	

163	139.62	219	139.06	39	139.86	173	139.52	114	140.11
172		172				169		169	
G		G				G		G	

141.25^v

1170	140.99	1219	140.50	1151	141.18	1182	140.87	1123	141.46
17		17				17		17	
G		G				G		G	

941	142.28	990	142.79	907	143.62	922	143.97	864	144.05
17		17				17		17	
G		G				G		G	

152.69^v

1465.54

LT = W14

RT = e14 48

132.83	132.37	134.07	133.74	134.18
742	788	718	751	707
182	182	182	182	182
Cb	G	G	G	Cb

1455.54

134.85	134.38	135.19	134.90	135.38
640	687	606	631	587
182	182	183	183	183
Cb	G	G	G	Cb

1445.54. Begin curb on Right - 17.5

135.74	135.74	136.37	136.19	136.67
546	521	488	506	458
180	180	175	175	175
Cb	G	G	G	Cb

1440.54 - E.C. Alley return on left

136.31	135.86	136.09	136.87
494	539	426	438
180	180	145	145
Cb	G	edge	Ac

1435.54 Intersection Subdivision Line + Amaryllis

136.47	137.51	137.71	139.11
478	324	354	214
18	125	17	17
Ac	edge	Ac	Walk

141.25

Lt = wly =

Ø

Rt = e14

49

start B.M.

5.04 146.70

TP2 11.03 151.74 0.54 140.71

1497.63 P.R.C. 4

17068	17023	17061	17019	17065
1057	1102	1064	1106	1060
182	182	182	182	182
Cb	G	G	G	Cb

1485.54

17184	17137	17185	17156	17200
944	988	940	969	925
182	182	182	182	182
Cb	G	G	G	Cb

1475.54

17282	17237	17293	17265	17210
843	888	832	860	815
182	182	182	182	182
G	G	G	G	Cb

141.25

INDEXED

NOV 16 1953

Silver Terrace etc.

Ties.

10-27-53

W.O. 31813

C.H.S.

13099

oltman,
Schelin

□ denotes pd 1/2 hub.

• " pd. Nail R.P.

xxx } " cut 4 crosses in Mantle ^{rim.} etc.

□ denotes - set 1/2 + disk.

Tie points
Benecia at Andrade 50
Benecia at Yuma 10/27/53

Sec. FB 2149

21

Gaines

Gains

← 25 ↑

Ely line P.L. # 1101

Benecia

see FB 2160

50

31.73

63.32'

Yuma

See F.B. 2149

21

← 16 →

Andrade

12

↑

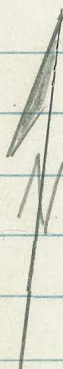
St.

34.70

12

↓

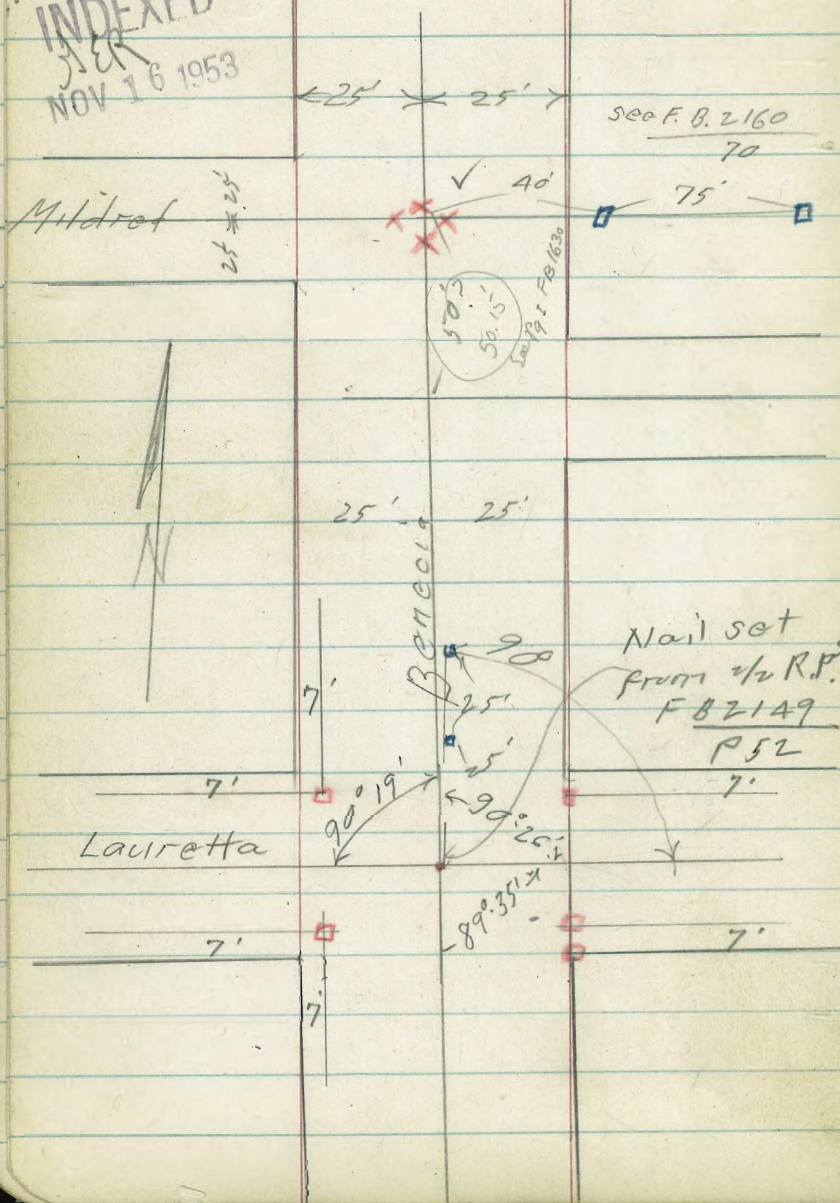
35.70



Tie Points

Benecia at Mildred
Benecia at Lauretta

INDEXED
JER
NOV 16 1953



Tie Points

Colusa at Mildred
" " Laurotta
" " Alley Bk 12

INDEXED
JER
NOV 12

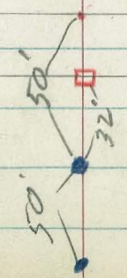
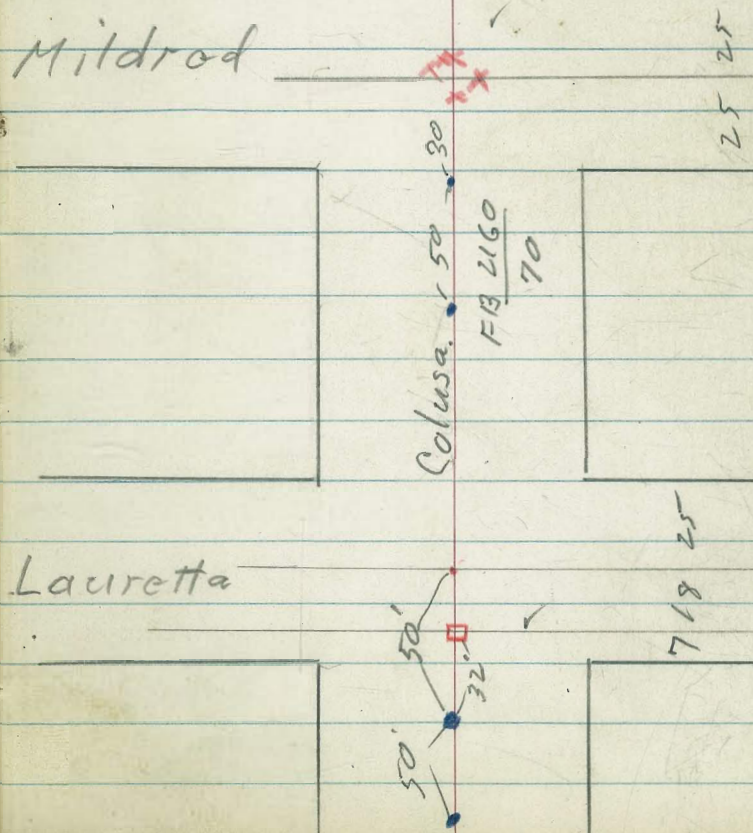
Amended Map of Siloos Terrace

50' 50' ✓
F.B. 2160-P20

(12)

Mildred

Lauretta



Eureka, Tier

INDEXED

NER

NOV 16 1958 in N47

edge. M. Hole.

on Φ Eureka.

+ Φ Alloy

50.00 FB. 2160 52
5000 P-16
 Φ Alloy
Bk 14
Amended map

Φ Mildred

Eureka

51.66 Φ 54.68 Φ

F.B. 2160-p9

45.11 Φ

39.92 $\times \times$

F.B. 2160

3

Φ Lauratta

28.34 $\times \times$

37.21 $\times \times$

Nail in pole

FB 2149

53



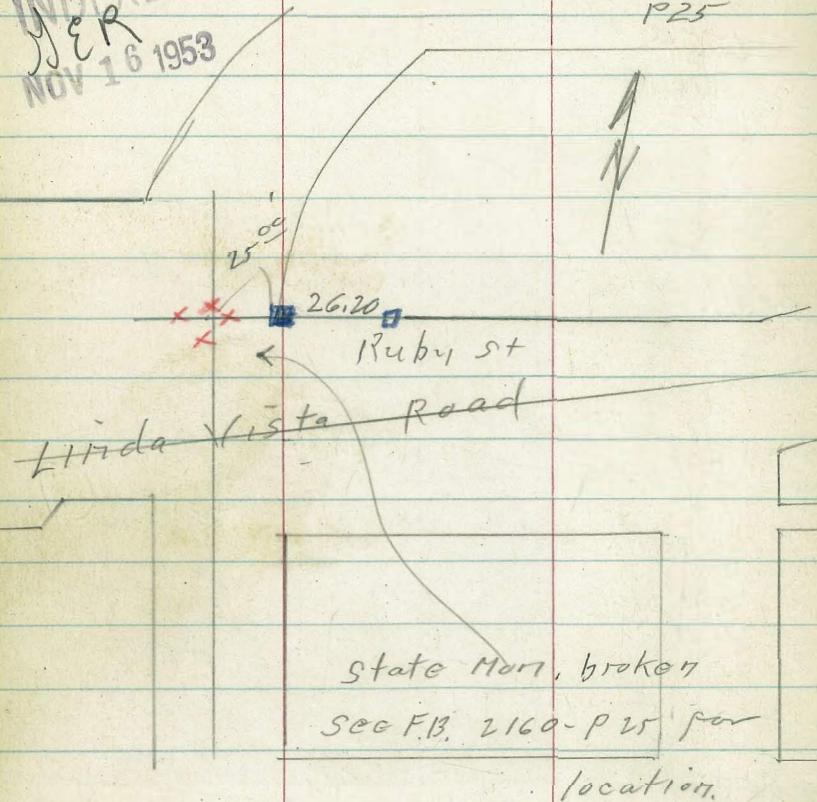
Josephine St

11-12-53

Ruby (Linda Vista Rd.)

INDEXED
JER
NOV 16 1953

F.B. 2160
P25



~~INDEXED~~ RILEY

St. (FB2149) 53
P. 40

Fresno St

34.19 25'

33.03 25'



Fed. pipe no disk
This R.P. is gone

Eureka St

35.98

32.12

25'

25'

Riley

Donahue St

25' 25'

xx
xx

56.20

55.75

P

Ties Mollie St.

11/12/53
C.H.S.

54

INDEXED
JER
NOV 16 1953

12²²

□ 50' □ 50' □

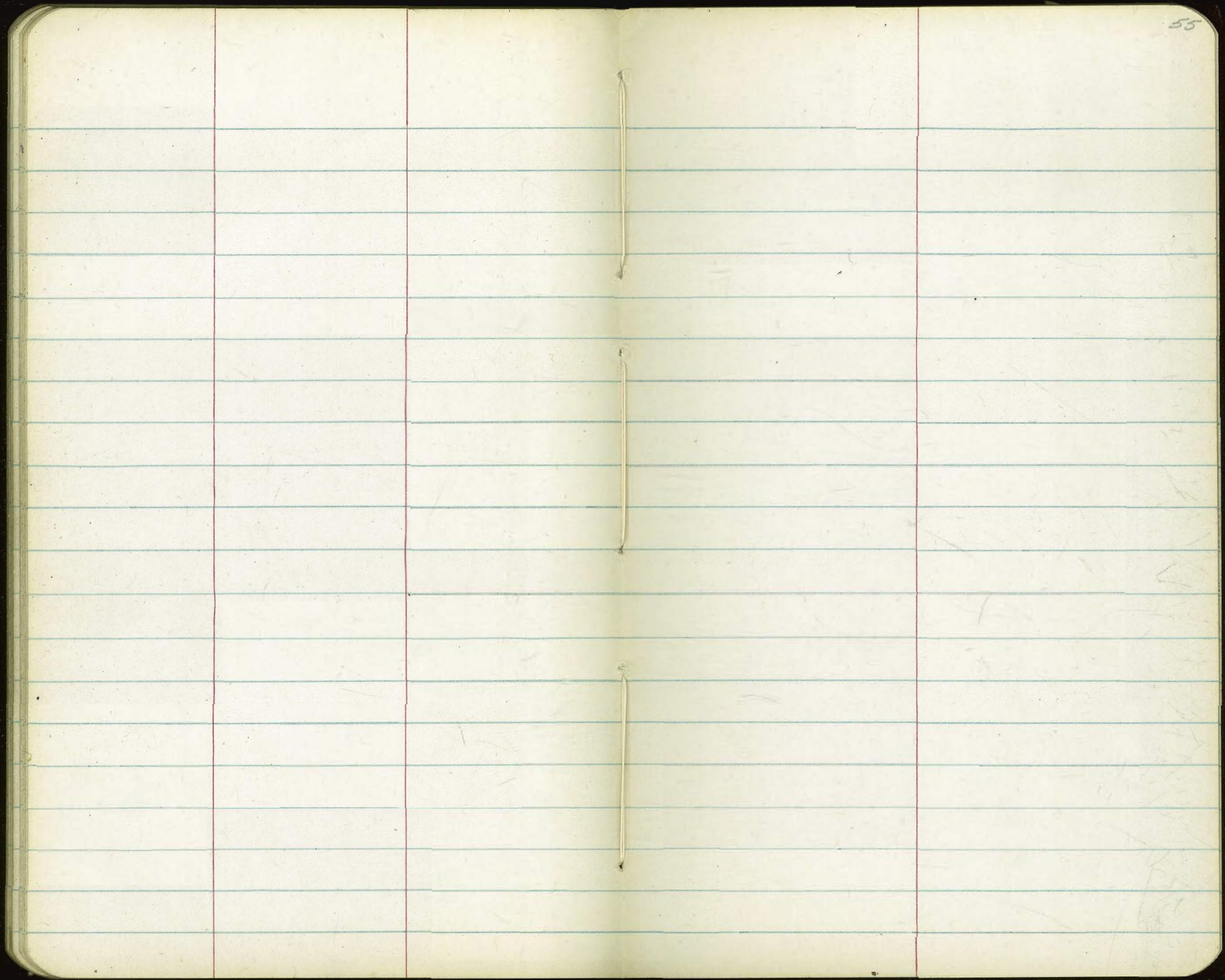


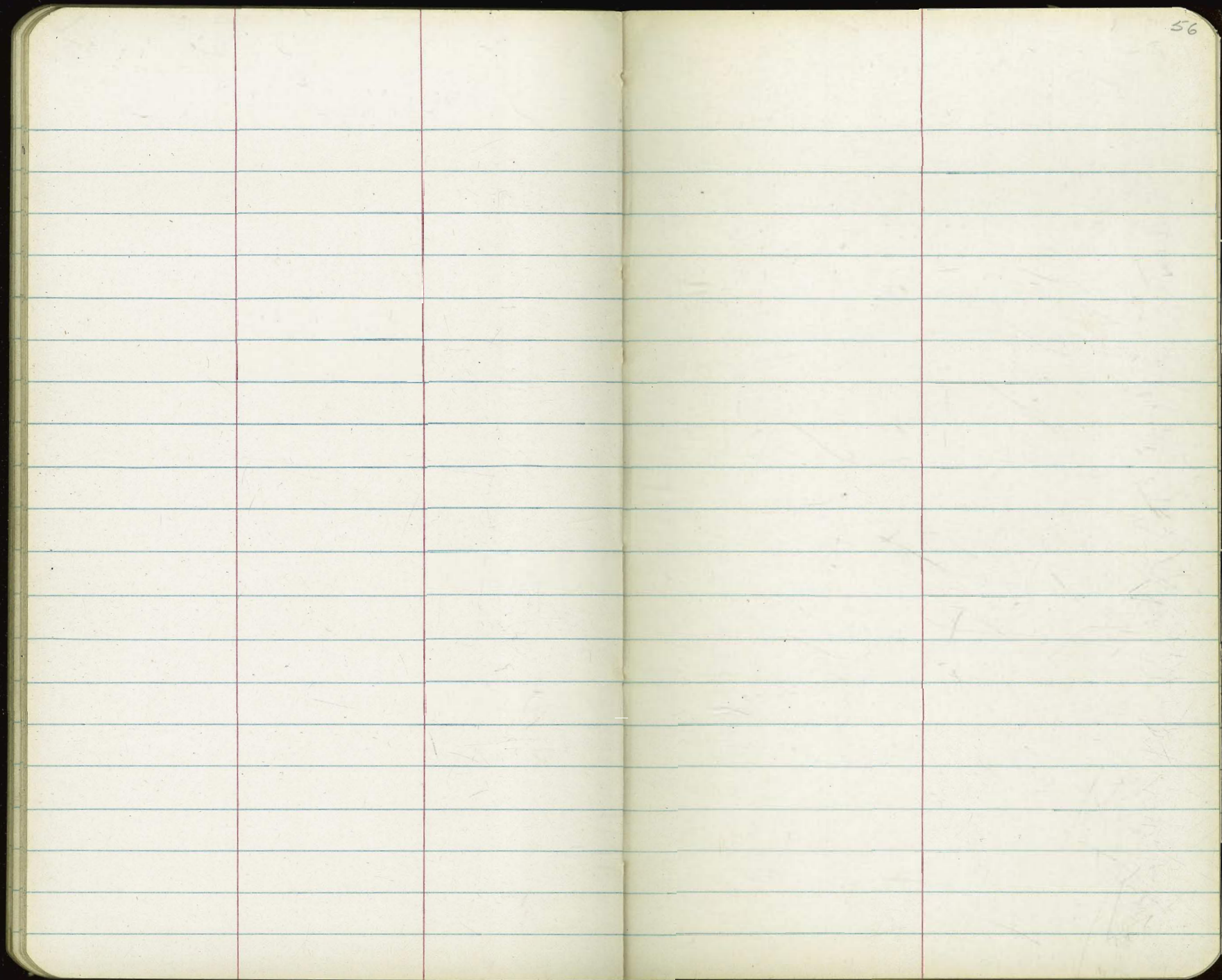
25

of Laurotta

↗ 12⁵ ↖ 12⁵ ↘

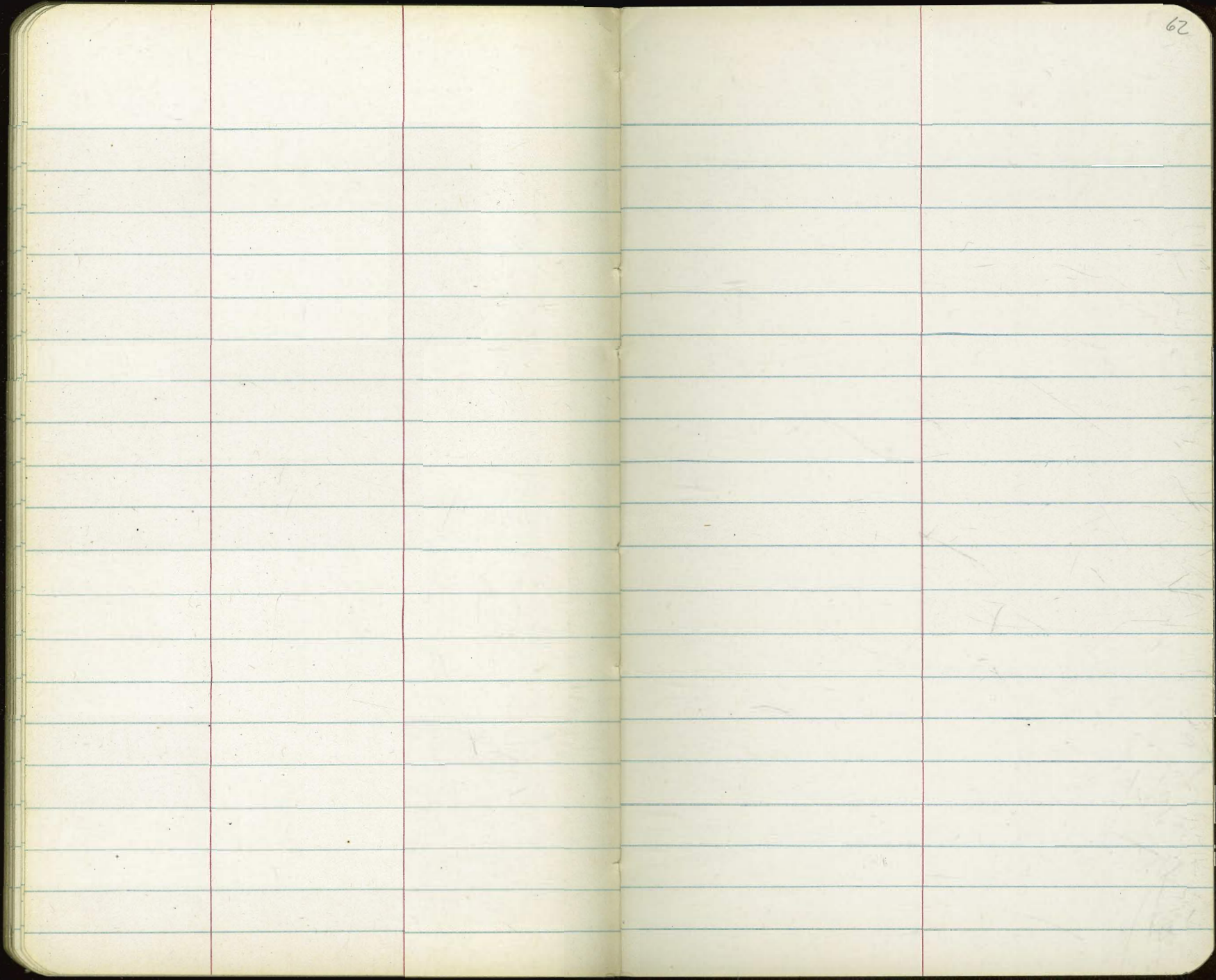
Mollie St.





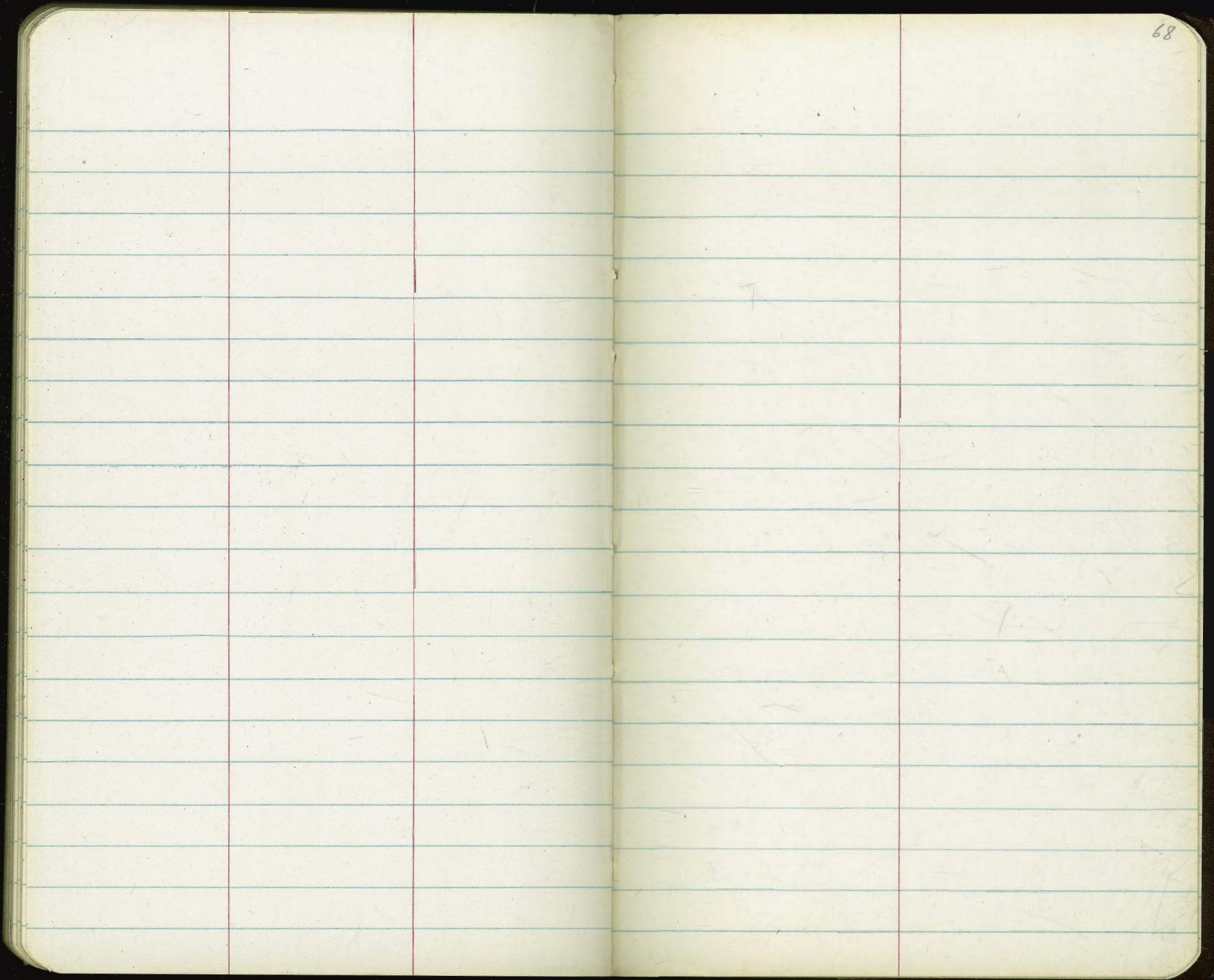
The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. A vertical red margin line is present on the left side of each page. The right page has the number '58' written in the top right corner. The notebook is set against a dark background.

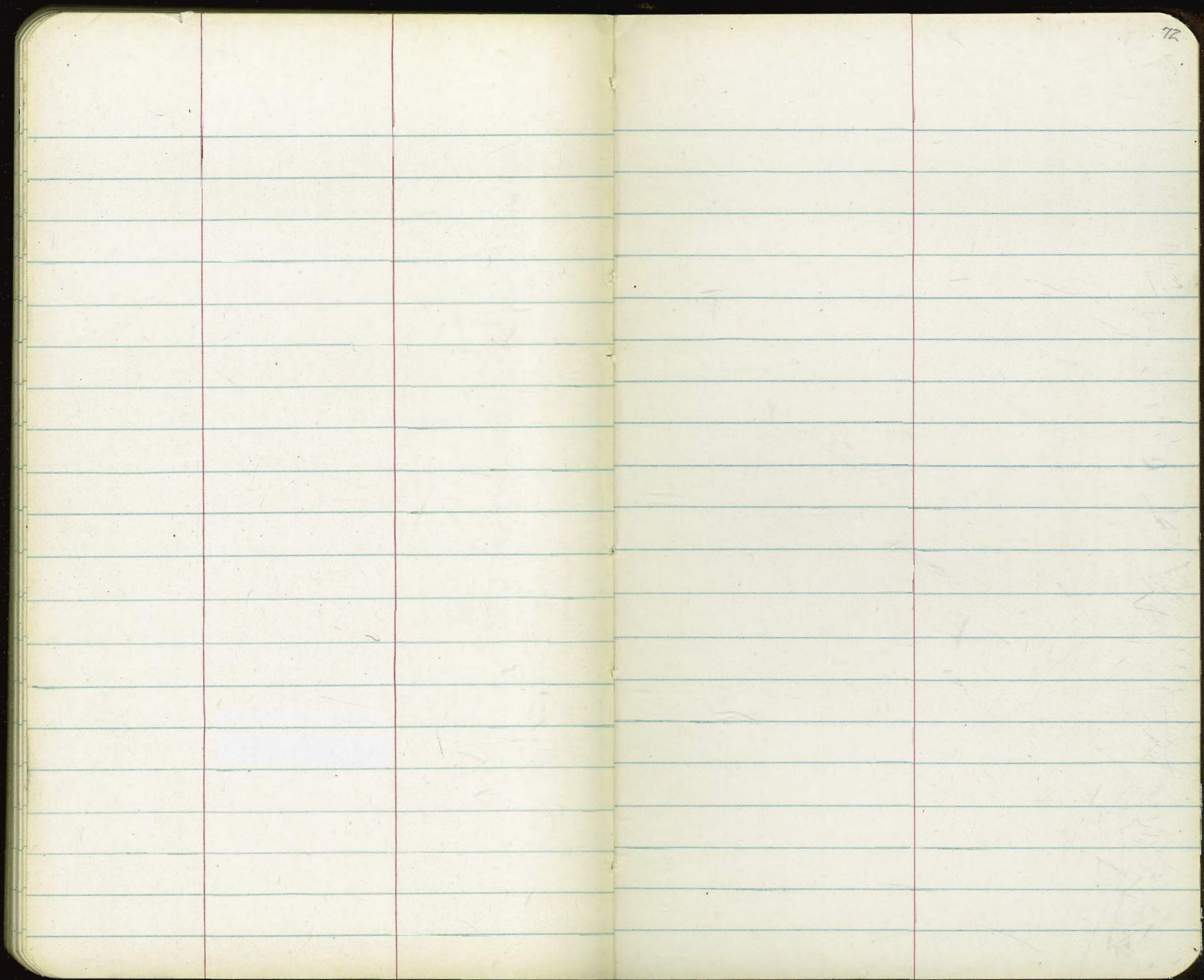
The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. A vertical red margin line is present on the left side of each page. The right page has the number '60' written in the top right corner. The pages are otherwise blank, with some very faint, illegible markings or smudges.



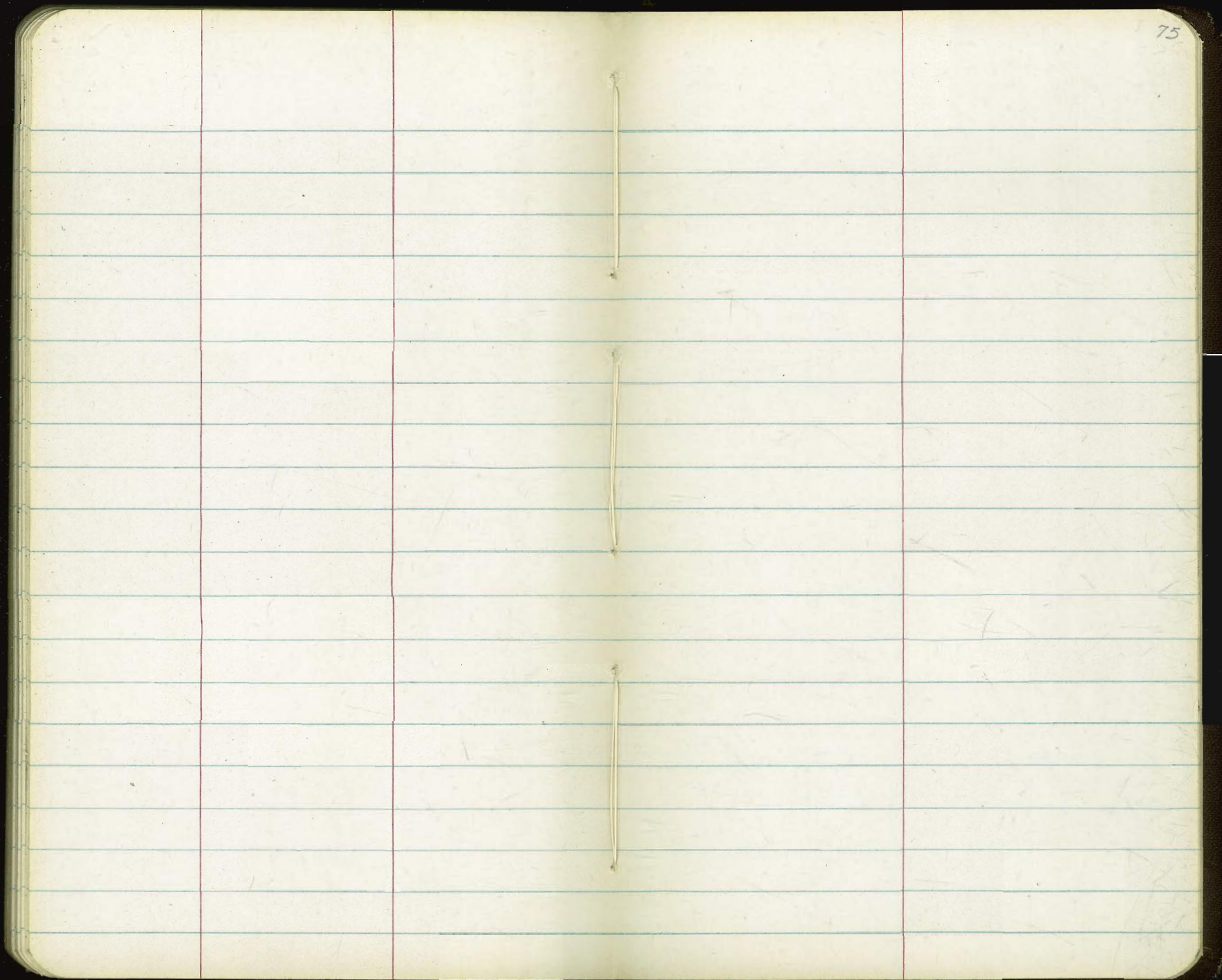
The image shows an open notebook with two facing pages. Both pages are cream-colored and feature horizontal light blue ruling. The notebook is bound in the center, with three visible stitching points. The pages are mostly blank, with some very faint, illegible markings. In the top right corner of the right page, the number '65' is handwritten in blue ink. The notebook is set against a dark, possibly black, background.

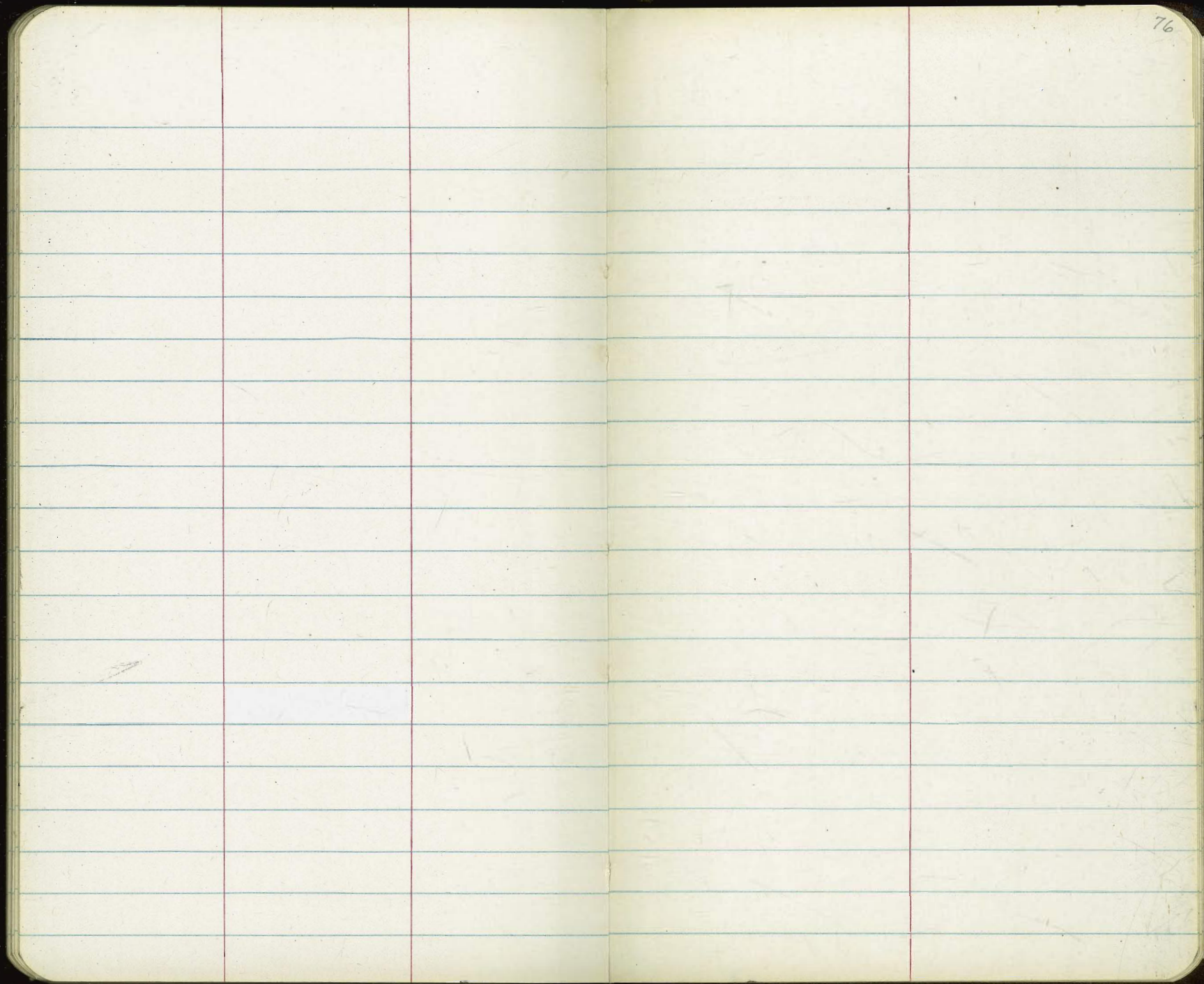
The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. A vertical red margin line is present on the left side of each page. The right page has the number '67' written in the top right corner. The notebook is set against a dark background.

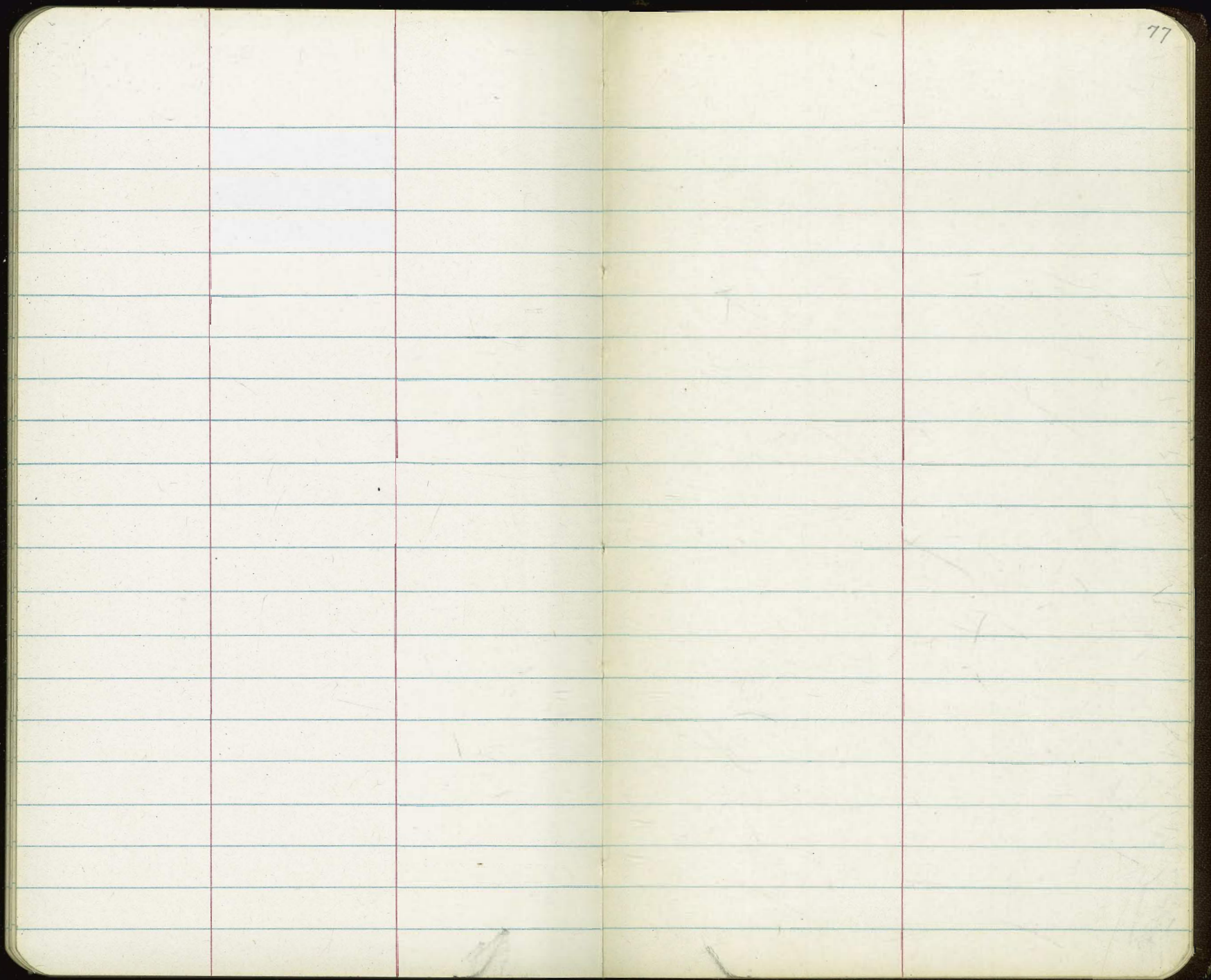




An open notebook with two blank, lined pages. The pages are cream-colored with light blue horizontal ruling. The notebook has a dark cover visible around the edges. The pages are slightly aged and show some minor smudges and faint pencil marks. The number '73' is written in the top right corner of the right page.

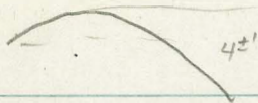
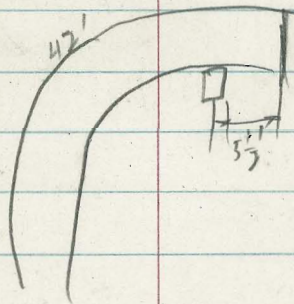
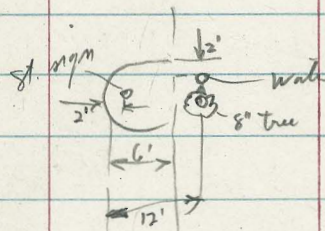
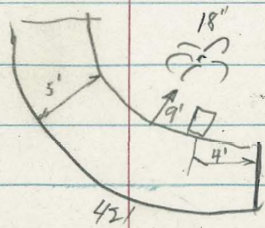




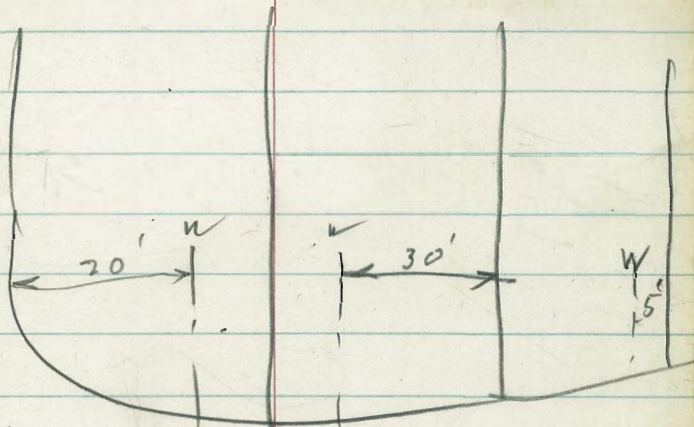


$$\begin{array}{r} 13 \\ 3 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 14 \\ 3 \\ \hline 42 \end{array}$$



A2488

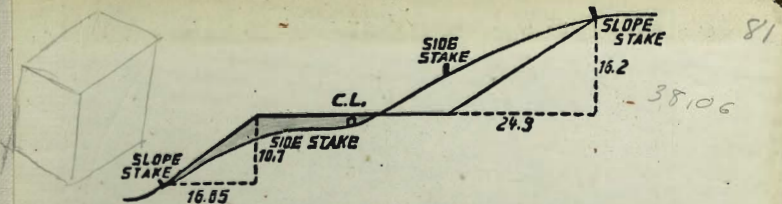


$$\begin{array}{r} 1180 \\ 985 \\ \hline 2165 \end{array}$$

$$\begin{array}{r} 694 \\ 983 \\ \hline 1677 \end{array} \quad \begin{array}{r} 984 \\ 379 \\ \hline 1363 \end{array}$$

$$\begin{array}{r} 152.69 \\ 11.32 \\ \hline 140.97 \end{array}$$

0+76.23



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.25	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

THE NATIONAL BLANK BOOK COMPANY
 HOLYOKE MASSACHUSETTS
 NEW YORK CHICAGO BOSTON SAN FRANCISCO