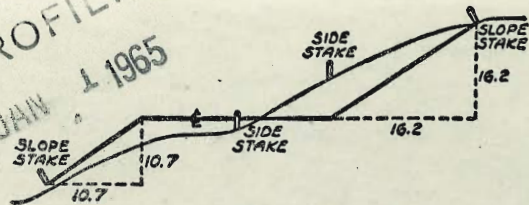






MICROFILMED  
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2185/15  
2398/27

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 sight adjustment necessary.



TABLE II — Continued  
TRIGONOMETRIC FORMULÆ (continued)

in any triangle:

Given a, b, C; to find c, B, A.

Use Law of Lines.

Given A, B, c; to find a, b, C.

Use Law of Lines.

Given a, b, c; to find A, B, C.

$$\text{Let } \frac{a+b+c}{2} = s, \sqrt{\frac{(s-a)(s-b)(s-c)}{s}} = r$$

$$\cos \frac{1}{2} A = \sqrt{\frac{s(s-a)}{bc}}$$

$$\tan \frac{1}{2} A = \frac{r}{s-a}$$

$$\tan \frac{1}{2} B = \frac{r}{s-b}$$

$$\tan \frac{1}{2} C = \frac{r}{s-c}$$

Area of a triangle:

$$\text{Area} = \frac{1}{2} ab \sin C$$

$$\text{Area} = \sqrt{s(s-a)(s-b)(s-c)}$$

PRISMOIDAL FORMULA.

$$\text{Vol.} = \frac{h}{6}(B+b+4M)$$

h = altitude; b, B = bases; M = midsection

TABLE III  
INCHES AND FRACTIONS OF AN INCH IN DECIMALS OF A FOOT

	0	1	2	3	4	5	6	7	8	9	10	11	
1/16	.0052	.0885	.1719	.2552	.3385	.4219	.5052	.5885	.6719	.7552	.8385	.9219	1/8
1/8	.0104	.0938	.1771	.2604	.3438	.4271	.5104	.5938	.6771	.7604	.8438	.9271	1/4
3/16	.0156	.0990	.1823	.2656	.3490	.4323	.5156	.5990	.6823	.7656	.8490	.9323	3/8
1/4	.0208	.1042	.1875	.2708	.3542	.4375	.5208	.6042	.6875	.7708	.8542	.9375	1/2
5/16	.0260	.1094	.1927	.2760	.3594	.4427	.5260	.6094	.6927	.7760	.8594	.9427	5/8
3/8	.0313	.1146	.1979	.2813	.3646	.4479	.5313	.6146	.6979	.7813	.8646	.9479	3/4
7/16	.0365	.1198	.2031	.2865	.3698	.4531	.5365	.6198	.7031	.7865	.8698	.9531	7/8
1/2	.0417	.1250	.2083	.2917	.3750	.4583	.5417	.6250	.7083	.7917	.8750	.9583	1
9/16	.0469	.1302	.2135	.2969	.3803	.4635	.5469	.6302	.7135	.7969	.8802	.9635	9/16
5/8	.0521	.1354	.2188	.3021	.3854	.4688	.5521	.6354	.7188	.8021	.8854	.9688	5/8
11/16	.0573	.1406	.2240	.3073	.3906	.4740	.5573	.6406	.7240	.8073	.8906	.9740	11/16
3/4	.0625	.1458	.2292	.3125	.3958	.4792	.5625	.6458	.7292	.8125	.8958	.9792	3/4
13/16	.0677	.1510	.2344	.3177	.4010	.4844	.5677	.6510	.7344	.8177	.9010	.9844	13/16
7/8	.0729	.1563	.2396	.3229	.4063	.4896	.5729	.6563	.7396	.8229	.9063	.9896	7/8
15/16	.0781	.1615	.2448	.3281	.4115	.4948	.5781	.6615	.7448	.8281	.9115	.9948	15/16
1	.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167	1.000	1
	0	1	2	3	4	5	6	7	8	9	10	11	

TABLE IV — RADII, ORDINATES AND DEFLECTIONS

Deg.	Radius	Mid. Ord.	Tan. Offset	Def. for 1 Foot	Deg.	Radius	Mid. Ord.	Tan. Offset	Def. for 1 Foot
0° 10'	34377.5	.036	.145	0.05'	7°	819.02	1.528	6.105	2.10'
20	17188.8	.073	.291	0.10	20'	781.84	1.600	6.395	2.20
30	11459.2	.109	.436	0.15	30	764.49	1.637	6.540	2.25
40	8594.42	.145	.582	0.20	40	747.89	1.673	6.685	2.30
50	6875.55	.182	.727	0.25					
1	5729.65	.218	.873	0.30	8	716.78	1.746	6.976	2.40
10	4911.15	.255	1.018	0.35	20	688.16	1.819	7.266	2.50
20	4297.28	.291	1.164	0.40	30	674.69	1.855	7.411	2.55
30	3819.83	.327	1.309	0.45	40	661.74	1.892	7.556	2.60
40	3437.87	.364	1.454	0.50					
50	3125.36	.400	1.600	0.55	9	637.28	1.965	7.846	2.70
2	2864.93	.436	1.745	0.60	20	614.56	2.037	8.136	2.80
10	2644.58	.473	1.891	0.65	30	603.80	2.074	8.281	2.85
20	2455.70	.509	2.036	0.70	40	593.42	2.110	8.426	2.90
30	2292.01	.545	2.181	0.75					
40	2148.79	.582	2.327	0.80	10	573.69	2.183	8.716	3.00
50	2022.41	.618	2.472	0.85	30	546.44	2.292	9.150	3.15
3	1910.08	.655	2.618	0.90	11	521.67	2.402	9.585	3.30
10	1809.57	.691	2.763	0.95	30	499.06	2.511	10.02	3.45
20	1719.12	.727	2.908	1.00	12	478.34	2.620	10.45	3.60
30	1637.28	.764	3.054	1.05	30	459.28	2.730	10.89	3.75
40	1562.88	.800	3.199	1.10	13	441.68	2.839	11.32	3.90
50	1494.95	.836	3.345	1.15	30	425.40	2.949	11.75	4.05
4	1432.69	.873	3.490	1.20	14	410.28	3.058	12.18	4.20
10	1375.40	.909	3.635	1.25	30	396.20	3.168	12.62	4.35
20	1322.53	.945	3.718	1.30	15	383.07	3.277	13.05	4.50
30	1273.57	.982	3.826	1.35	30	370.78	3.387	13.49	4.65
40	1228.11	1.018	4.071	1.40	16	359.27	3.496	13.92	4.80
50	1185.78	1.055	4.217	1.45	30	348.45	3.606	14.35	4.95
5	1146.28	1.091	4.362	1.50	17	338.27	3.716	14.78	5.10
10	1109.33	1.127	4.507	1.55	18	319.62	3.935	15.64	5.40
20	1074.68	1.164	4.653	1.60	19	302.94	4.155	16.51	5.70
30	1042.14	1.200	4.798	1.65	20	287.94	4.374	17.37	6.00
40	1011.51	1.237	4.943	1.70	10	1109.33	1.127	4.507	1.55
50	982.64	1.273	5.088	1.75	20	1074.68	1.164	4.653	1.60
6	955.37	1.309	5.234	1.80	30	1042.14	1.200	4.798	1.65
10	929.57	1.346	5.379	1.85	40	1011.51	1.237	4.943	1.70
20	905.13	1.382	5.524	1.90	50	982.64	1.273	5.088	1.75
30	881.95	1.418	5.669	1.95	25	231.01	5.476	21.64	7.50
40	859.92	1.455	5.814	2.00	26	222.27	5.697	22.50	7.80
					27	214.18	5.918	23.35	8.10
					28	206.68	6.139	24.19	8.40
					29	199.70	6.360	25.04	8.70
					30	193.18	6.583	25.88	9.00

Note. Chord Deflection = 2 times tangent deflection.



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	

Page

Ties - Frontier - Rosecrans - S'ly to Over-Pass 1.  
 X-Sec. Yonge St. Palermo <sup>to</sup> Warrington 2  
 X-Sec T. Alley Bk 55 City Hts 6.  
 { 46th St. Redwood to Quince 15.  
 Alley Bk 15 Bungalow PK  
 X-SECT: MENLO AVE Redwood to Quince  
 X-Sec Alley 94 - Naraste & Schuller 27-33  
 X-Sec Dwight St Boudry to Canyon Wly Wabasha 38-44  
 X-Sec Alley Bk 65 Morena 34-37  
 X-Sec Burlingame Dr - 30th St to city 59-



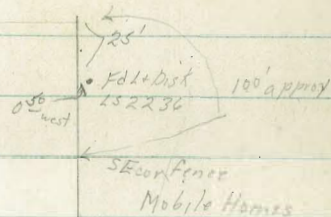
D. Smith  
C. Allen  
R. Taylor  
Wm. Furgerson

Frontier Rosecrans  
S'ly to Overpass

NW cor Pipe yard  
and cyclone fence  
Fd 2" pipe  
LS 2236

WO # 20006  
1-23-52

Trailer Court



N

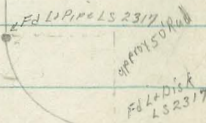
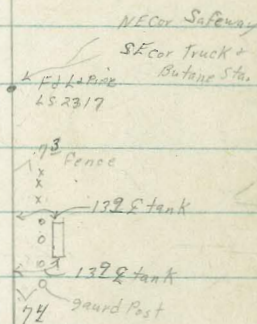
60  
Mq 10

INDEXED  
Law  
JAN 24 1952

American Pipe

Cyclone Fence

Frontier



Rosecrans?



D. Smith  
C. Allen  
R. Taylor

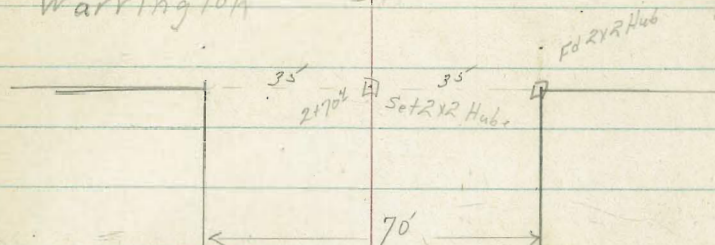
See Loose Leaf for x-rec 7/3/58  
Cross Sec. Yonge St  
Palermo to Warrington

wo # 32515 - C.A.

wo # 25020  
2-18-52

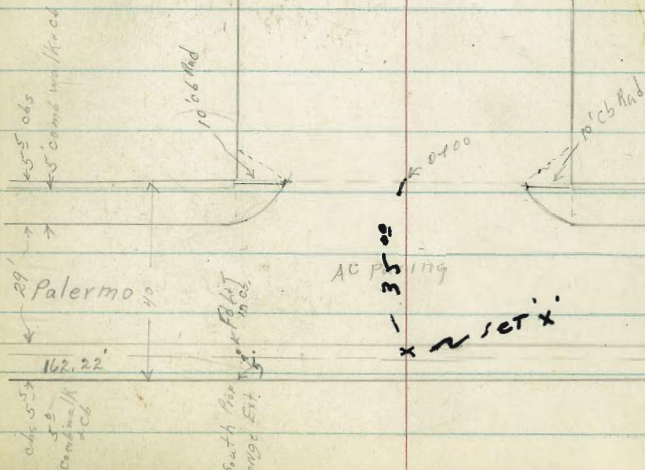
2

Warrington St



Yonge St  
Set P.O.T. HUB  
1+25<sup>0</sup> EL = 107.96

INDEXED  
SAID  
FEB 19 1952



FLUT 4  
FC Curved

FLUT  
P.O.T.



TP<sub>3</sub> 0<sup>45</sup> 109<sup>41</sup> 12<sup>12</sup> 108<sup>76</sup>  
 TP<sub>4</sub> 0<sup>23</sup> 120<sup>88</sup> 13<sup>20</sup> 120<sup>65</sup>

0790

0440

0700 Why line Palermo end parking + Cbs

0-05<sup>5</sup> Why cb line Palermo

0-20 2 Palermo

TP<sub>3</sub> 3<sup>63</sup> 133<sup>85</sup> 13<sup>24</sup> 130<sup>22</sup>  
 TP<sub>2</sub> 0<sup>40</sup> 143<sup>46</sup> 13<sup>31</sup> 143<sup>06</sup>  
 TP<sub>1</sub> 0<sup>25</sup> 156<sup>37</sup> 13<sup>20</sup> 156<sup>12</sup>  
 BM 7<sup>22</sup> 169<sup>32</sup> 161<sup>50</sup>

87. in ch  
 NW side Chatsworth  
 opp Fire Hyd  
 at Zola St.

Notes reduced by J.E. Greer 3-11-52

Plotted 3-26-52 H. Mills

	At = South	At = North
	122.2	114.6
	123.5	119.0
	120.8	120.5
	115.1	
	115.5	
	127.6	123.8
	127.5	123.7
	127.5	123.7
	123.9	
	124.0	
	128.65	128.43
	128.61	128.22
	128.13	128.68
	128.39	129.03
	128.45	
	128.45	
	128.02	128.43
	128.60	128.79
	128.21	129.22
	128.26	130.57
	128.34	130.95
	128.28	
	128.48	
	128.53	
	128.69	
	128.93	
	129.13	
	130.89	

133<sup>85</sup>



2+95 E Warrington

48.0	49.5	49.8	50.8	51.7	54.8	58.1
24 <sup>2</sup>	22 <sup>2</sup>	22 <sup>4</sup>	21 <sup>4</sup>	20 <sup>5</sup>	17 <sup>5</sup>	14 <sup>4</sup>
50	35	18		15	35	50

2+70<sup>4</sup> Ely Warrington St

55.2	54.7	58.1	59.55	62.1	65.62	69.0
17 <sup>0</sup>	17 <sup>5</sup>	14 <sup>4</sup>	12 <sup>62</sup>	10 <sup>4</sup>	6 <sup>60</sup>	3 <sup>12</sup>
5 <sup>0</sup>	35	19	on Hub	17	35	50

TP<sub>8</sub> 0<sup>26</sup> 72<sup>22</sup> 13<sup>24</sup> 71<sup>96</sup>

2+25

65.9	66.6	66.7	72 <sup>22</sup>	78.3	79.3	81.1
19 <sup>4</sup>	18 <sup>2</sup>	18 <sup>6</sup>	8 <sup>5</sup>	7 <sup>0</sup>	6 <sup>0</sup>	4 <sup>2</sup>
50	35	26		20	30	50

2+00

73.9	71.6	69.9	72.3	75.5	81.1	83.6	86.5
11 <sup>4</sup>	13 <sup>2</sup>	15 <sup>4</sup>	13 <sup>0</sup>	9 <sup>8</sup>	4 <sup>2</sup>	12	11 <sup>2</sup>
50	35	25	10		15	35	50

1+70

84.1	84.4	83.5	81.0	82.4	90.3	94.7
12	0 <sup>9</sup>	1 <sup>0</sup>	4 <sup>0</sup>	2 <sup>9</sup>	+5 <sup>0</sup>	+9 <sup>4</sup>
50	35	22		11	35	50

TP<sub>7</sub> 0<sup>98</sup> 85<sup>30</sup> 12<sup>20</sup> 184<sup>32</sup>

TP<sub>6</sub> 10<sup>20</sup> 97<sup>22</sup> 12<sup>59</sup> 96<sup>82</sup>

109.0	108.4	106.5	108.2	107.4	107.0	107.3	110.4	110.5
0 <sup>4</sup>	1 <sup>0</sup>	2 <sup>9</sup>	1 <sup>2</sup>	2 <sup>0</sup>	2 <sup>4</sup>	2 <sup>4</sup>	11 <sup>0</sup>	11 <sup>4</sup>
50	35	18		20	30	35	45	50

1437

109<sup>4</sup>



Lt = South

Rt = North

BM starting

7<sup>35</sup>161<sup>53</sup>✓  
161<sup>50</sup>TP<sub>16</sub>10<sup>54</sup>168<sup>88</sup>0<sup>68</sup>158<sup>34</sup>TP<sub>15</sub>12<sup>35</sup>159<sup>02</sup>0<sup>02</sup>146<sup>67</sup>TP<sub>14</sub>12<sup>49</sup>146<sup>75</sup>0<sup>19</sup>134<sup>20</sup>TP<sub>13</sub>12<sup>51</sup>134<sup>45</sup>0<sup>18</sup>121<sup>24</sup>TP<sub>12</sub>13<sup>29</sup>122<sup>12</sup>0<sup>38</sup>108<sup>83</sup>TP<sub>11</sub>12<sup>63</sup>109<sup>21</sup>0<sup>06</sup>96<sup>58</sup>TP<sub>10</sub>12<sup>38</sup>96<sup>64</sup>0<sup>16</sup>83<sup>76</sup>TP<sub>9</sub>12<sup>42</sup>83<sup>92</sup>0<sup>72</sup>571<sup>50</sup>



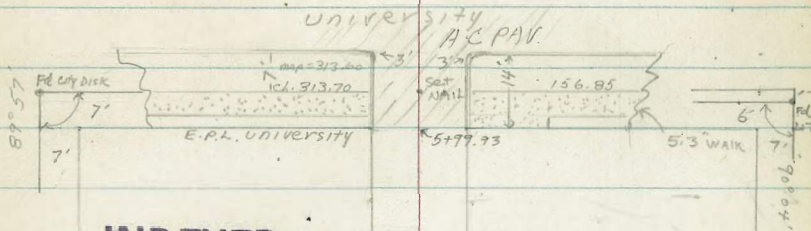
Clark 4-28-52  
Shephard W.O. 25020  
Bruner  
Bryson

Notes: P 7

Reduced & Plotted  
5-22-52  
H. Smith

X-SECT. ALLEY - BIK 55 CITY HTS  
Wrightman to University bet. 38'4" + 39'4"

6

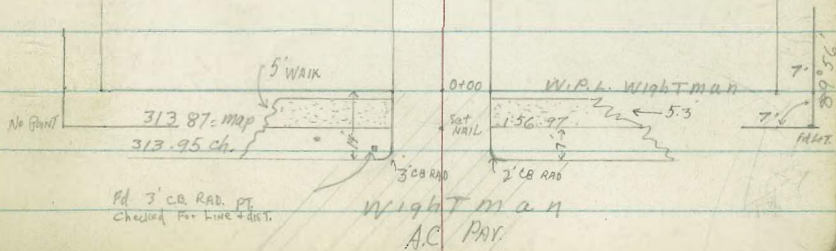


INDEXED  
*Lee*

APR 30 1952

38'4"

39'4"



Pd 3' CB. RAD. PT.  
Checked for Line + dist.

Wrightman  
A.C. PAV.



X-SECT ALLEY BIK 55- City HTS

LT. S RT.

0+40 9.0' LT & Pole # P3917

0+32 15.0' RT.  
8.7' RT & Water meter

0+17 14.8' RT Bay Lower Floor dwelling (doorway)  
END FTH For upper Floor.

0+08 14.8' RT S/W Cor. House  
14.50' S/E Cor N House

T.P. 4.46 333.07 6.97 328.61

0+00 9.95' LT Bay Cobblestone wall, 2' high  
W. Prop. L. Wightman

0-14 W.C.L.

0-40 E Wightman

T.P. 5.67 335.58 8.97 329.91

0.06 338.88 338.82 N/W C.P. 3744 + Wightman

324.8  
8.3  
14  
326.4  
6.7  
14  
DIT  
328.12  
7.65  
14.50  
Floor elev

326.0  
7.1  
10  
327.7  
5.4  
10  
TR. wall  
328.5  
4.6  
14

327.25  
5.32  
9.9  
TR. wall  
327.7  
3.30  
9.9  
TR. wall  
328.5  
4.4  
10

328.0  
7.1  
10  
327.9  
5.2  
10  
328.9  
4.2  
10

325.3  
7.8  
10  
324.7  
8.4  
15  
DIT  
325.65  
7.52  
15  
FTH  
Lower Floor

324.81  
8.26  
15  
Floor

325.5  
7.4  
14.8  
Lower Floor Level  
332.5  
0.57  
14.8  
Upper Floor  
330.22  
2.85  
14.8  
Tr. Path

333.07

328.76  
6.82  
10.2  
CB

328.58  
7.00  
10.2  
CB

328.0  
7.6  
9.95  
CB  
8. wall  
FTH

328.43  
6.75  
10  
CB

329.46  
6.12  
10  
CB

330.04  
5.54  
8  
CB

335.15  
0.49  
100  
CB

335.78  
0.12  
100  
CB

328.05  
12.53  
100  
CB

328.75  
13.03  
100  
CB

326.18  
7.40  
50  
CB

326.08  
7.70  
50  
CB

328.46  
7.12  
13  
CB

327.86  
7.72  
13  
CB

328.17  
7.51  
10  
PAV

328.67  
6.91  
10  
PAV

329.23  
6.38  
12  
PAV

329.59  
6.19  
12  
CA

328.07  
5.56  
12  
CA

330.72  
3.86  
50  
G. DIR

335.80  
0.28  
100  
CB

328.95  
6.79  
50

331.94  
3.64  
50

335.58







LT.

RT.

2+11 9.4' LT Beg 4' Picket Fence  
 7.6' LT. END storage shed

2+02 80' RT END church

2+00

1+91 9.6 LT & Pole Pa. 38.35

1+88 10.1 LT Beg. Storage shed

1+75

1+72 80' RT Beg church

1+71 10.5' LT Edge Conc Apron  
 9.2 RT & Water meter

1+68 10.4 LT END gate

1+65 9.9 LT & water meter

1+60

1+50 10.6 LT Conc Ft. gate 1/2 ALKY

T.P. 8.99 337.54 4.52 328.55

324.4  
 324.0  
 3.1 3.5  
 10 10

3.8 5.6 6.5 6.2  
 10 25 50 75

321.78  
 5.76  
 80  
 321.3

324.2  
 2.7  
 324.0  
 3.5 4.5 5.4  
 25 10

321.1  
 321.3  
 321.2  
 321.4  
 321.8

5.2 6.3 7.1 6.7  
 10 25 50 75

321.78  
 5.78  
 80  
 Floor

321.84  
 4.30  
 10.5' Apron  
 324.2  
 4.12  
 10.4  
 Floor

5.70  
 10.4  
 8.147N

321.9  
 321.9  
 321.9  
 321.2  
 321.2  
 321.2

7.6 8.3 8.3 8.3 7.4  
 10 25 50 75

321.1  
 6.4 7.6 7.6  
 10 5

321.7  
 321.5  
 321.5

321.5  
 321.9  
 321.3  
 321.2  
 321.1

4.46 7.8 7.0 9.0 9.0 9.6 10.2 10.3 8.6  
 10.6 10.6 10 5 10 10 25 50 76  
 T.FDN B.FDN

337.54



2+76 9.8 RT & w. meter  
 2+75  
 2+71 11.3 LT. END 2-car gar. 15.6 to CONC. APRN  
 2+70 9.5 LT & water meter

340.9  
 5.8  
 25  
 341.08  
 5.66  
 19.4  
 CON. FLOOR  
 340.7  
 6.0  
 10  
 340.82  
 5.92  
 15.6  
 CON. FLOOR  
 241.5  
 6.2  
 10  
 340.5

2+69 10.1 RT. Beg. apt of Comb. gar & apt. 6.5 RT. END CONC APRN & gar  
 2+61 15.3 LT Beg CONC. APRN  
 2+52 19.4 LT. Beg. 2-car gar 9.85 RT. Beg Comb gar & apt. 6.5 to CONC APRN

341.08  
 6.06  
 15.3  
 APRN  
 341.06  
 5.68  
 19.4  
 CON. FLOOR  
 340.2  
 6.5  
 20  
 339.4  
 7.5  
 10  
 339.1  
 7.6  
 DIRT  
 341.34  
 7.40  
 6.5  
 337.24  
 7.50  
 6.5  
 APRN  
 337.7  
 334.9  
 7.23  
 2.80  
 CON. FLOOR  
 7.23  
 7.5  
 100  
 341.10  
 5.64  
 10.1  
 FLOOR  
 339.57  
 338.9  
 7.4  
 9.0  
 11.8  
 13.0  
 13.0  
 338.3  
 337.3  
 337.7  
 337.9  
 337.3  
 337.7

- 2+50  
 2+43 15.8 LT & simple gar. DIRT FLOOR  
 T. P. 10.36 346.74 1.16 336.38

340.2  
 6.5  
 20  
 339.1  
 7.6  
 DIRT  
 346.74  
 337.5  
 0.0  
 15  
 336.8  
 0.7  
 10  
 337.7  
 2.1  
 337.5  
 337.5  
 337.5  
 337.7  
 337.7  
 337.1  
 337.5

2+37 9.9 LT & water meter  
 - 2+25

337.54



3+30 10.3 LT. 2.5' CONC WALK

3+26 18.3 RT. Beg 2-car gar CONC Floor  
No APRON

3+24 18.3 RT END-2-car gar 14.5' CONC apron

3+17 8.5 LT & WATER Meter

3+05 18.3 RT. Beg 2-car gar CONC. 14.5' to CONC apron

3+02 14.5 RT & 2.5' CONC WALK

T.P. 4.70 349.06 2.38 344.36

3+00

9.8 LT & Pk PA 3855

2+99 13.3 RT END Comb. APT GAR.

2+79 & M.H.

342.6  
6.37  
10.3

342.6  
6.56  
14.5  
Apron

342.27  
5.79  
18.3  
Floor  
342.6  
6.50  
18.3  
Floor

344.27  
7.39  
14.5  
Apron  
341.5  
7.55  
14.3  
WALK

344.5  
6.56  
18.3  
Floor

349.06

342.2  
4.5  
25  
341.8  
4.9  
15  
342.0  
4.7  
10  
341.5  
5.2

344  
5.3  
10  
340.9  
5.8  
25  
340.4  
6.3  
50  
339.5  
7.2  
51  
338.3  
8.4  
75

340.85

5.89  
Rim







5+25 10.05 RT. & 4" TRANSITE DRAIN-PIPE // to Alley  
 5+05 10.4 RT END CONC PARK area, Bay Bldg  
 (OPEN-DRAIN BK Bldg Flows into Alley)  
 5+04 16' RT & WATER meter  
 5+02 10.4 RT Bay CONC Park area  
 5+00 9.9' LT & Pole # PA3875  
 9.7' RT & WATER meter  
 11.3 RT END 2-car GAR (NO APRON)  
 9.2' LT & WATER Meter  
 4+85 8.8' LT & WATER meter  
 4+83 11.3' RT Bay 2-CAR garage CON. FLOOR  
 4+58 13.1' LT. & Single GAR. DIRT FLOOR  
 4+50 14.5' LT Floor Single GAR 12.6 to apron  
 12.9' RT Floor Single GAR 9.0 to apron  
 4+29 8.7 RT & 9.3 LT } & WATER meters  
 4+00 10.5' LT & Pole # PA3866

346.3  
 2.8  
 40  
 346.4  
 2.7  
 20  
 346.8  
 2.3  
 10  
 346.6  
 2.5  
 345.5  
 3.6  
 13.1  
 345.5  
 3.6  
 10  
 345.5  
 3.6  
 10  
 345.5  
 3.5  
 20  
 345.5  
 3.6  
 20  
 345.5  
 3.5  
 10  
 345.5  
 3.5  
 12.6  
 APRON  
 344.5  
 4.6  
 20  
 344.5  
 4.6  
 10  
 344.4  
 4.7  
 4.7  
 10

346.7  
 2.28  
 10.05  
 F.LINE  
 TRANSITE  
 347.01  
 2.05  
 10.4  
 CONC  
 346.71  
 2.35  
 10.4  
 F.LINE  
 DRAIN  
 346.71  
 2.29  
 20  
 F.LINE  
 DRAIN  
 346.7  
 2.17  
 10.4  
 CONC  
 346.83  
 2.4  
 50  
 346.7  
 346.83  
 2.23  
 11.3  
 FLOOR  
 345.5  
 2.23  
 11.3  
 FLOOR  
 345.5  
 3.6  
 4.4  
 30  
 345.5  
 3.52  
 9.0  
 APRON  
 345.5  
 3.51  
 12.9  
 FLOOR

349.06



Check 4.90 347.28 = 347.24 N.W. B.P 394 1/2 UNIV.

6+39.93

UNIVERSITY

345.71  
100 CB  
6.37  
345.71  
100 G  
6.70  
50 CB  
50 G  
DRIVE  
345.69  
6.99  
346.15  
73 CB  
346.72  
5.46  
50 PAY.  
6.35  
13 G  
345.73

5.34  
346.84  
346.04  
345.99  
345.97  
346.23  
346.04  
346.43  
346.25

6+13.93

S. C.B.L. Univ.

6.14  
346.78  
346.63  
346.55  
346.71  
5.67  
10.05  
5.76  
10.05  
10 PAY.  
10  
346.42  
5.80  
5.55  
346.63  
346.55  
346.71  
5.47  
9.95  
9.95  
CB  
DRIVE

5.34  
346.84  
346.04  
345.99  
345.97  
346.23  
346.04  
346.43  
346.25  
5.05  
50  
4.83  
100  
6.21  
10  
6.21  
5.95  
6.14  
5.75  
5.93  
100  
100  
CB  
DRIVE

5+99.93

10' RT. END Bldg  
7.8 RT & 4" TRANSITE MAIN PIPE

5+99

5.1 RT & WATER GATE  
7.4' IT & 3-WATER METERS

T.P.

4.34 352.18 1.22 347.84

352.18

5+80

Q.M.H

1.7  
50  
347.5  
1.6  
50  
1.2  
2.5  
347.8  
1.3  
2.5  
1.2  
1.0  
347.5  
1.6  
1.0  
1.1  
RIM  
347.4  
1.7  
1.4  
10  
347.5  
1.6  
10

5+50

5+32

10.20 LT & DEAD MAN

349.06



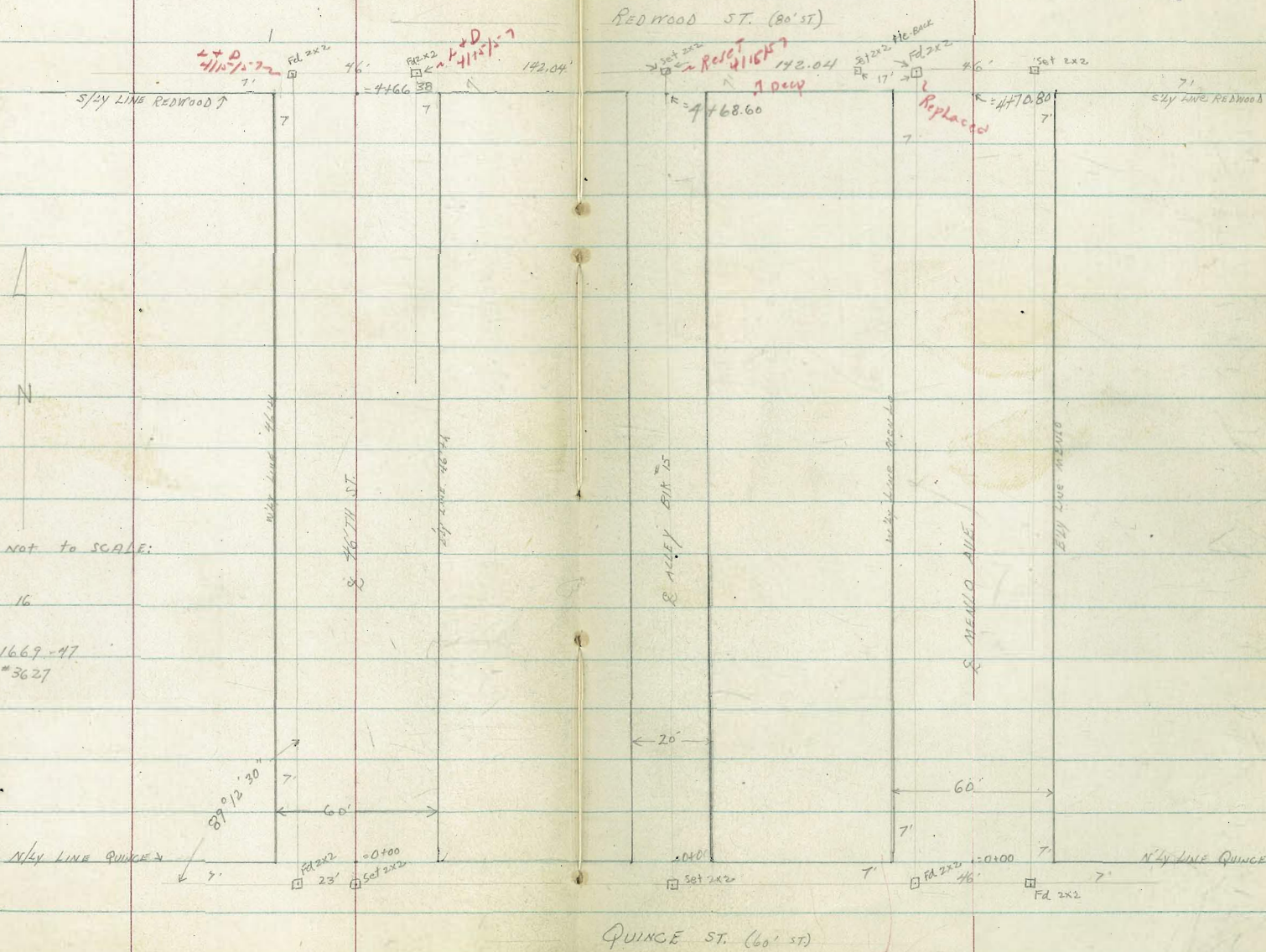
Clark  
SHEPHERD  
BUNNER  
PERKINS  
12-08-52  
W.O. 25020

X-SECT 46<sup>TH</sup> ST  
" ALLEY Bk 15 } QUINCE to REDWOOD  
" MENLO AVE

Bungalow Park Add'n

INDEXED  
Law  
DEC 24 1952

15



SKETCH NOT TO SCALE:

Notes: Pg. 16

DATA: F.B. = 1669-47  
Tie sheet # 3627

QUINCE ST. (60' ST)



K-SECT. 46'41" ST.

QUINCE to REDWOOD

W.  
LT.

Q

E  
RT.

16

0-30 = E QUINCE (unpaved)

291.0	300.6	300.7	301.5	301.9	303.6	303.0	298.2	299.0
18.0	8.4	8.3	7.5	7.1	5.4	6.0	10.8	18.0
100	30	30		10	30	35	40	100

Too old Railroad cut.

T.P. 7 1.49 308.95 5.22 307.46 = elev 2x2 E -  
1/4ly + N 1/4 7' QUINCE

308.95  
X

T.P. 6 7.92 312.68 0.47 304.76

T.P. 5 12.06 305.23 8.98 293.17 = elev N.E. 7'  
Merino + Quince

T.P. 4 3.07 302.15 10.28 299.08 = elev 2x2' tie on  
S 1/4 7' Redwood, 10' BK  
W 1/4 LINE Merino



T.P. 3 0.25 309.36 9.58 ~~307.14~~ 308.52 - lowered  
307.14 = elev 2x2' SOUTH  
7' OF REDWOOD +  
E 1/4ly BIX  
15

4/15/57 SCA

T.P. 2 1.95 318.67 5.80 316.74 = E elev 2x2  
S 1/4 7' 46'41"  
Redwood

T.P. 1 1.50 322.54 12.18 321.04

BM. 026 333.22

332.96 = N.W. B.P. TAO

IN Y CHAMOUNE



X-SECT 46th (CONT)

1+00

12.5  
50

11.1  
30

7.0

8.3  
8

6.6  
12

5.0  
30

5.0  
50

0+87

16' LT ♀ DeadMAN

T. P. 8

12.10

313.30

7.75

301.20  
= elev 2x2 1/4" T QUINCE  
+ S 46th

313.30

0+65

14' LT ♀ P.Pole #46882-H + J.P.3010

0+60

30' RT = ♀ 2.5' CONC. WALK

0+50

0+25

0+15

0+00 = 1/4 Line Quince

10.5  
50

298.5

8.6  
30

300.4

6.8  
12

302.2

6.2

302.8

1.87  
30

307.08

0.82  
50

308.13

13.6  
50

394.5

13.5  
30

395.5

13.0  
23

396.0

6.8  
12

302.2

6.3  
12

302.4

305.7

3.3  
30

307.08

2.9  
50

308.13

13.2  
50

295.8

13.0  
23

396.0

6.8  
12

302.2

6.3  
12

302.4

305.7

3.3  
30

307.08

2.9  
50

308.13

13.0  
50

296.0

12.8  
30

296.2

12.0  
22

297.0

8.1  
11

300.4

8.1  
11

301.4

7.6

13.7  
30

304.3

15.3  
50

306.1

11.9  
50

297.1

11.5  
30

297.5

10.6  
20

298.4

8.0  
11

301.0

8.0  
11

301.3

7.7

18.6  
30

298.4

15.6  
50

303.4

308.95







X-SECT. 46th (CONT.)

LT.

E

RT.

Checks: 4.14 316.73 = 316.74 = 2x2

S/E 7' 46th + Redwood = T.P.2 PAGE 16 FB # 2185

5106.38

= 9 Redwood (unpared)

5.1  
100

3.7  
50

2.8  
318.1

4.0  
50

6.3  
100

317.5

4166.38 = 5/4

Live Redwood

4.0  
50

4.316.8  
50

3.9  
317.0

3.7  
30

4.3  
50

316.9

314.6

4120

28' LT & 3.0' walk

4.97  
50  
walk

4.83  
2.8  
44

5.1  
30

5.4  
30

5.1  
30

5.1  
30

316.9

316.02

4100

5.0  
30

6.3  
30

5.4

5.1

5.1

3150

7.2  
30

6.3  
30

5.6

6.5  
30

6.6  
30

3100

8.9  
50

9.1  
30

8.5

7.4  
30

7.2  
50



X-SECT ALLEY BIK 15

QUINCE to REDWOOD

Notes in Red added to up date

Indexed 4/16/57 S.C.H.

1+50

1+44

7.90 RT Bay Wash Room Cor. Floor

1+39 5' 8" RT = 1/2 12" P.P. 1c #6 20954H

1+22 - 8' RT - 4' Bradman

1+00

0+50

0+00

0+06

10.7 LT. N/ely wing on gar.

0-02

6 LT to N/ely corner gar.

0-12

9' LT to S/24 corner single gar - 1st Floor

0-18 = TP. CUT BANK.

0-30 = 1/2 QUINCE

- N/ely the old Railway - CUT

B.M.

4.91

312.37

307.46 = elev 2x2

ALLEY + N/ely 7' QUINCE T.P. #7 P. 16

LT

4.1 308.3  
10

3.5 308.9  
50

4.0 308.4  
50

4.0 308.4  
10  
4.8 307.6  
12 PL

4.5 307.9  
50  
15.5 296.9  
50

RT

5.0 307.4

0.2 307.2

4.7 307.7

3.0 307.8

4.6 307.6  
0  
Dirt Floor

5.1 307.0

16.3 296.1  
37

312.37

RT

5.4 307.0  
99

5.3 307.1  
10

4.8 307.6  
10 PL

7.3 305.1  
50

24.0 294.4  
50

5.4 306.7  
7.9

9.5 305.9  
50

7.4 305.4  
50











X-SECT. MENTO  
QUINCE TO REDWOOD.

Indexed

LT

R

RT

1+50 22' LT Bay Patch Shrubs & ornamentals

3.1  
30

5.0

6.0  
30

1+42 { 19.8 RT & 3.0' CONC. WALK  
10' wide CB. across Lip WALK, 0.5' above WALK

5.81  
19.8  
WALK

5.78  
30  
WALK

1+25 53' RT & Conc. Drive. 74' RT. Single gar.

300.46

3.1  
30

4.9  
11

5.0

2.27  
53  
Lip

2.910

10.14  
74  
CONC. DRIVE

1+00

0.00  
100

3.1  
30

4.9  
11

5.0

6.294.5  
30.0  
30

9.5  
80

0+52 38.5' RT & 3.5' CONC. WALK

3.8  
30

5.6  
11

5.5

6.7  
30

5.81  
38.5  
Lip

6.93  
30  
WALK

0+22 24 RT & 3" Tree

0+02 24 RT & 2' Paper Tree

301.7

2.981.0

2.96.2

2.94.8

6.294.3

7.293.2

2.92.7

2.91.7

0+00 = 1/4 Line Quince

+1.2  
100

3.5  
30

4.3  
30

5.7  
15

2

7.3  
30

7.8  
50

8.8  
100

0-30 = & Quince (unindexed)

+0.40  
100

4.7  
30

6.6

7.5  
30

7.0  
100

300.46

B.M. 1.29 300.46 293.17 = N.E. 7'

HUB, Quince + Mento, T.P.T. #5 page 16







X-SECT MENLO (CONT.)

LT.

£

RT.

4458 30 RT £ 4'x3' Conc. Step (no WALK SLAB)

301.0 2.7 300.5 6.4 296.8 6.9 296.3 6.9 296.3 7.3 293.8 10.8 292.4 13.5 289.7 14.66 30 144.8 46.3 Floor

4450

4440 46 RT £ DWELLING

2.9 40 75 38 6.9 30 TP BANK 7.4 28 TP BANK 7.8 12 10.3 9 toe Shoulder graded roadway 10.2 10.0 3 12.1 5 13.5 30 15.2 46 Floor 17.0 40 186.2

4400

3488 46 RT £ DWELLING

15.2 46 Floor 17.0 40 186.2

3465

END Heavy Brush & ST.

3452

LT £ 3.0' Conc. WALK 4 Steps

298.79 5.70 31.2 TP WALK HP 30.2 TP. bottom Step 6.24 296.84 297.44

3450

4.2 30 5.8 30 6.7 29 8.2 10.0 12.7 18 15.0 30 16.2 32 22.0 75

3400

300.0 3.2 75 6.3 30 7.6 25 8.7 10.2 5 13.5 30 16.7 50 19.0 75

2489

33 LT £ 10' Conc DRIVE PICKING SLAB

299.01 5.11 50 DRIVE 297.80 5.38 50 WALK 6.19 32 LIP 296.99

2465

END Heavy Brush & ST.

2456

32 LT £ 2.0' Conc. WALK

303.18















Contd From Page 28.

Lt

Rt

Rt

29

1+247 11' Rt End Apron

26.77  
4.11  
112  
conc

27.5  
3.4  
185  
Floor  
conc

1+295 11' Rt begin conc Apron Double Garage

26.84  
4.03  
110  
conc

27.6  
3.3  
185  
Floor  
conc

1+245 8' Lt to center P.Pole #A1880

26.8  
4.1  
102  
A.C.  
Floor

1+125 10' Lt & 4' opening in bldg

T.P. 436 30.88T 4.48 26.52

30.88T

1+00

27.1  
3.9  
10

26.8  
4.2

27.1  
3.9  
10

27.4  
3.6  
15

0+99.5 10' Rt to center 18" Pepper Tree

0+70 10' Rt & Single Garage

28.2  
2.8  
102  
Dirt  
Floor

0+50 10' Lt. End brick Bldg.

Same  
Floor Elev.  
10

31.00T

31.00T



2+24 9' Lt End 7' Fence

2+00

1+95<sup>5</sup>

11' Rt End Apron

1+78

11' Rt begin Conc. Apron Double garage

1+74<sup>5</sup>

8' Rt to center T. Pole # 54X07044

1+74

9' Lt begin 9' steel fence

1+50

1+49<sup>5</sup>

10' Lt & 8' opening in Bldg.  
Drainage problem at Present!

20' From Sta. to  
Stg. End Bldg.  
20' from Sta. to  
Nly. End. Bldg.

30.88X

25.2

5.7  
10

25.7

5.2  
9.5

26.0

4.9

26.6

5.3  
10

25.4

5.5  
15

25.75

4.93  
11.2  
conc

4.28  
1.92  
conc  
Floor

25.91

4.97  
11.2  
conc

4.32  
1.92  
Floor

26.0

4.9  
10

26.0

4.9  
5

26.2

4.7

26.1

4.8  
10

26.5

4.4  
20

25.26

5.62  
10.2  
conc  
Floor

26.56

4.32  
10.4  
conc  
Sill

30.88X







Cont'd From Page 31

5+00 96' Rt End fence

4+90<sup>5</sup> 90' Lt End shed

4+51<sup>2</sup> { 94' Lt Begin shed  
82' Lt End Fence  
72' Lt to center p. pole = A1832

4+50 95' Rt Begin Board fence

4+23 12' Rt Northwest Corner Single Garage  
opens on North

4+17 96' Rt to center T. Pole # 540703H

4+00 92' Lt begin 9' Steel Fence  
95' Lt End shed

3+50 86' Lt to center P. Pole # A1844

30.887

Lt

C

Rt

32

26.4  
45  
20

26.8  
41  
10

27.1  
38

27.1  
38  
10

27.4  
3.5  
20

27.0  
37  
20

27.3  
36  
10

27.2  
37

27.2  
37  
10

27.5  
3.4  
20

27.48  
3.40  
12'  
Floor  
conc

26.6  
43  
10

26.4  
45

26.3  
46  
10

26.7  
42  
20

26.2  
47  
10

26.0  
49

26.0  
49  
10

26.4  
45  
20

30.887



check

236 27.87 = 27.87

VWBP Beardsley & Newton

E Beardsley

25.66	24.69	23.72	26.72	21.65
1.57	5.54	6.51	7.51	8.58
100	50		50	100

Sly. Curb Line Beardsley

21.87	21.26	22.92	22.27	23.72	23.00	23.23	23.50	24.20	24.23	24.96	25.23	25.97
8.36	8.77	7.31	7.76	6.51	7.23	7.00	6.73	6.03	6.00	5.27	5.00	4.22
cb	gutt	cb	gutt	cb	gutt		gutt	cb	gutt	cb	gutt	cb

6+00.61 Property Line Beardsley

6.14	6.30	6.23.84	5.88	5.73
92	92	39	10	10
cb	gutt		gutt	cb

5+95.5 9° Rt to Deadman

5+76 8° Rt to center T. Pole # 431035X

25.7	26.8	26.1X	26.5	26.3	27.0	27.1
4.5	3.4	3.8	3.7	3.9	3.2	3.1
20	10	7		7	10	20

5+49.5 9° Lt to center P. Pole # A11008

T.P. 315 30.23X 3.80 27.68

30.23X

30.88X











2782 10<sup>2</sup> At End 4' con retaining wall

TPR 8<sup>26</sup> 71<sup>51</sup> 3<sup>25</sup> 63<sup>25</sup>

2450 10<sup>2</sup> At Begin 4' con retaining wall with board fence <sup>on top</sup>

2450 10<sup>2</sup> At 2 6' tel pole #559518 H

2400

1750

1720

1702 9<sup>5</sup> At 2 6' tel pole #559507 H

1700

0783 10<sup>2</sup> At 2 Deadman

0780

LT=West

RT=East

10<sup>3</sup> 56.2  
base Top

7<sup>2</sup> 58.59  
base Top

5<sup>6</sup> 60.9  
25<sup>10</sup> base Top

2<sup>8</sup> 63.69  
10<sup>10</sup> base Top

3<sup>5</sup> 63.0  
10<sup>10</sup> base Top

3<sup>3</sup> 63.2  
8<sup>10</sup> base Top

2<sup>3</sup> 64.2  
10<sup>10</sup> base Top

8<sup>2</sup> 65.6  
25<sup>10</sup> base Top

6<sup>4</sup> 60.1  
25<sup>10</sup> base Top

5<sup>1</sup> 61.4  
10<sup>10</sup> base Top

4<sup>8</sup> 61.7  
10<sup>10</sup> base Top

4<sup>2</sup> 62.3  
8<sup>10</sup> base Top

3<sup>0</sup> 63.5  
10<sup>10</sup> base Top

2<sup>10</sup> 64.5  
25<sup>10</sup> base Top

7<sup>6</sup> 58.9  
25<sup>10</sup> base Top

6<sup>6</sup> 59.9  
10<sup>10</sup> base Top

6<sup>13</sup> 60.2  
10<sup>10</sup> base Top

6<sup>10</sup> 61.5  
7<sup>10</sup> base Top

5<sup>0</sup> 61.5  
10<sup>10</sup> base Top

4<sup>2</sup> 62.3  
26<sup>10</sup> base Top

9<sup>6</sup> 57.9  
25<sup>10</sup> base Top

8<sup>1</sup> 58.4  
10<sup>10</sup> base Top

8<sup>0</sup> 58.5  
10<sup>10</sup> base Top

9<sup>5</sup> 59.0  
8<sup>10</sup> base Top

7<sup>0</sup> 59.1  
10<sup>10</sup> base Top

6<sup>13</sup> 60.2  
25<sup>10</sup> base Top

10<sup>0</sup> 55.7  
25<sup>10</sup> base Top

9<sup>5</sup> 57.0  
10<sup>10</sup> base Top

9<sup>0</sup> 57.5  
7<sup>10</sup> base Top

9<sup>4</sup> 57.1  
10<sup>10</sup> base Top

8<sup>2</sup> 57.6  
10<sup>10</sup> base Top

8<sup>2</sup> 58.3  
15<sup>10</sup> base Top

7<sup>2</sup> 59.8  
25<sup>10</sup> base Top

12<sup>4</sup> 54.1  
25<sup>10</sup> base Top

11<sup>2</sup> 55.3  
10<sup>10</sup> base Top

10<sup>3</sup> 55.8  
5<sup>10</sup> base Top

11<sup>2</sup> 55.3  
10<sup>10</sup> base Top

10<sup>2</sup> 55.6  
10<sup>10</sup> base Top

10<sup>0</sup> 56.5  
10<sup>10</sup> base Top

10<sup>0</sup> 56.8  
25<sup>10</sup> base Top

7 66 50



Lt=West

Rt=East

37

BM starting

831

420

10.0

TP1

128

50<sup>32</sup>

10<sup>48</sup>

49<sup>04</sup>

TP3

839

59<sup>52</sup>

12<sup>38</sup>

59<sup>13</sup>

3490 E lister

61.0  
10.5  
50  
72  
25  
60  
10  
424  
11M  
67.9  
35  
10  
69.3  
22  
25  
72.1  
106  
50

3470

63.4  
82  
25  
65.1  
64  
10  
66.2  
53  
8  
66.0  
45  
67.6  
38  
10  
69.3  
28  
25

3469 10<sup>5</sup> RT 6" fol P6/10 305510 H

62.1  
94  
25  
63.9  
76  
10  
64.4  
64  
5  
66.1  
58  
8  
66.6  
42  
10  
68.7  
28  
20

3450<sup>2</sup> 5/4 lister st

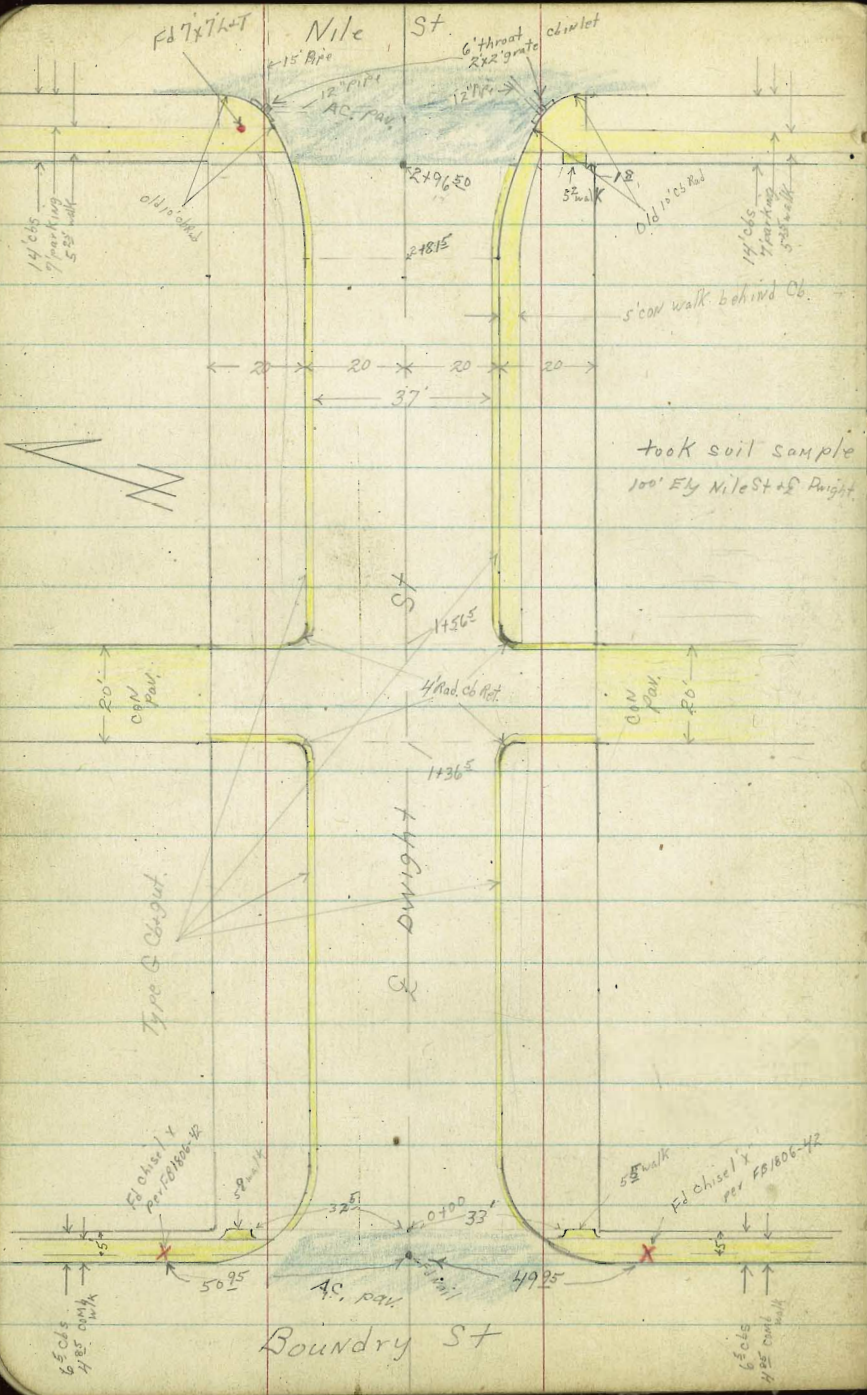
3400

61.8  
92  
20  
63.2  
83  
10  
64.1  
74  
8  
64.2  
73  
8  
64.9  
66  
10  
66.9  
46  
25

2489 9<sup>5</sup> E single garage cor floor = apron

63.74  
77  
195  
floor  
63.86  
725  
95  
apron  
71  
51

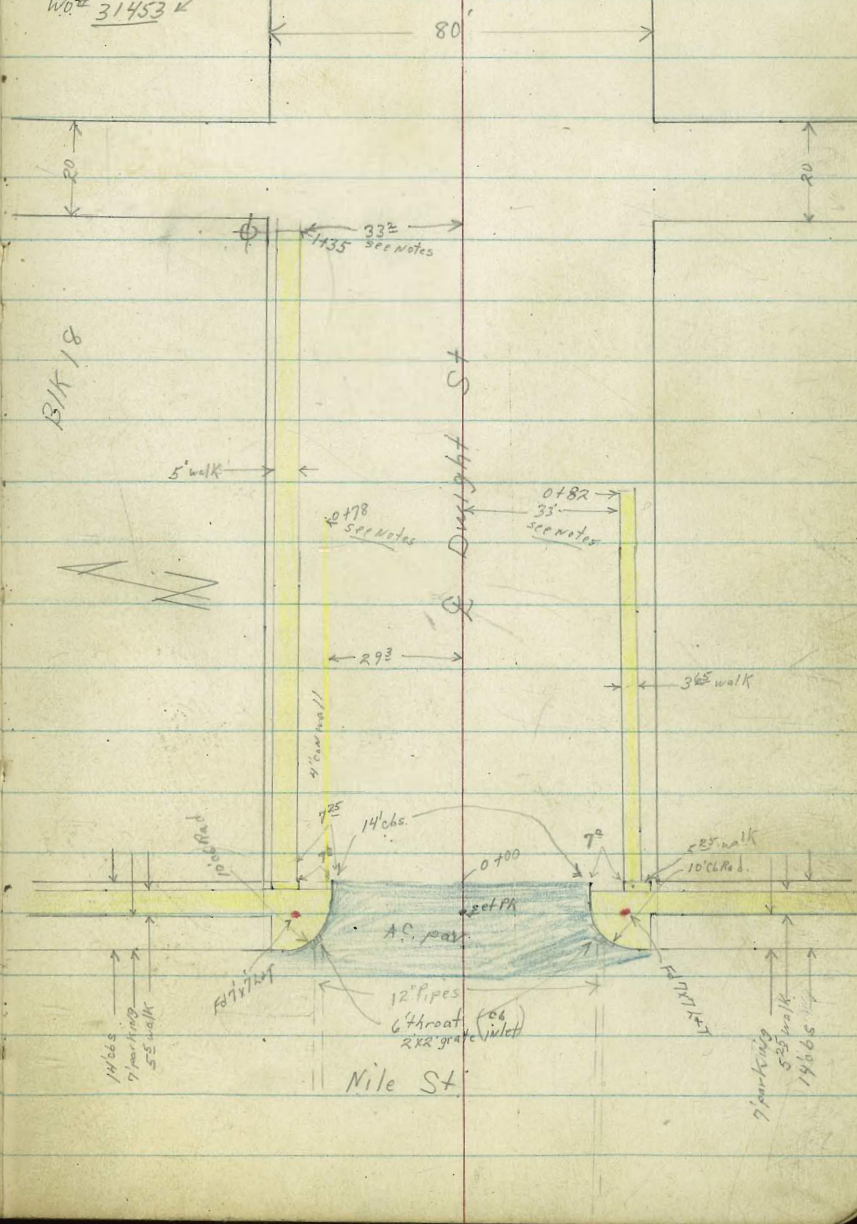




"X" Sec Dwight St  
 Boundary Ely to Ely Alley 8/18  
 Ref: FB 1806-42  
 Wot 31453 ↗

WOT 31572  
 10-1-53  
 38

D. Smith  
 J. Porter  
 R. Taylor  
 B. Fish



took soil sample  
 100' Ely Nile St & Dwight

B/K 18

Nile St

Boundary St

Type B. Closed.

6' cbs  
 4' parking  
 4' 5' walk

6' cbs  
 4' parking  
 4' 5' walk

7' parking  
 5' 5' walk  
 14' 6' 5' walk







2100

1758. 28° RT & Fire Hyd. ✓

1756<sup>s</sup> Fly Alley

1744 & SMH ✓

1736<sup>s</sup> Wly Alley

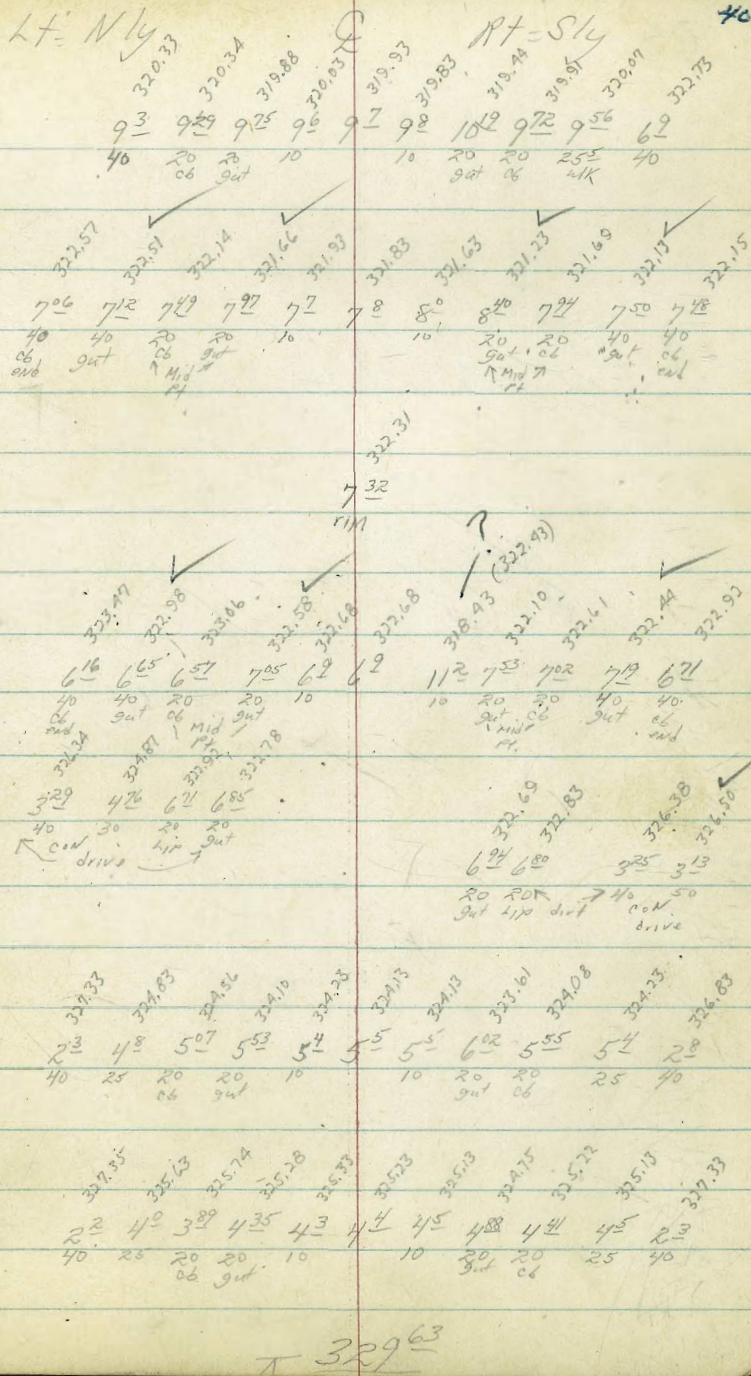
1735 29° RT & 12" PP. L # P3375 ✓

1726 20° LT & 14° con. driveway  
40° RT begin con. drive ✓

1720 20° RT & 18° driveway ✓

1700

0771





3+10<sup>50</sup> Wly C6 Line Nile St

C6 inlet Mid Pt old 10' Rad Returns

3+03<sup>55</sup> C6 Rad compounds see sketch p38

2+96<sup>50</sup> Wly Nile St edge A.C. pav. Type G c6 gut

2+95 28° RT 12" P Pole # P3399 ✓

2+81<sup>55</sup> C6 BC, grade Brk

2+47 20° RT & 14° CW driveway ✓

2+35

TP2

177

321<sup>98</sup>

942

320<sup>21</sup>

Lt = Nly

⊗

RT = Sly

41

317.98	317.58	317.39	317.98	317.49	317.98	317.85	317.88	316.85	316.71	316.96	316.02	316.64	316.04	316.19	316.21	316.53
400	432	457	500	442	500	515	510	513	527	552	526	534	524	517	511	546
90	90	40	40	36	36	20	10	10	20	36	36	40	40	90	90	
C6	gut	BC	gut	BC	gut					gut	BC	gut	C6	gut	C6	

317.56	317.54	316.60	315.69	314.52	314.13
942	474	538	629	536	1085
1e	C6	gut	gut	BC	1e
tip	grade		grade	top	

317.46	316.65	316.85	316.88	316.92	316.75	316.48	316.05	316.63
452	533	513	503	506	523	550	593	536
263	265	20	10	10	20	20	262	262
C6	gut				gut	C6	gut	C6

317.38	317.53	317.7	316.83	316.86	316.98	316.91	316.79	316.52	316.38	316.89	316.84	316.58
46	445	515	512	508	507	519	546	560	509	514	54	
40	221	221	20	10	10	20	20	23	23	222	40	
C6	gut						gut	C6	wk			

317.78	317.70	317.33	317.28	317.18	317.18	316.76	316.25	316.45	316.48
42	420	475	47	48	48	522	473	455	45
40	20	20	10	10	20	20	255	40	
C6	BC	gut			gut	BC	wk		

317.24	317.76	318.28	318.92
424	422	370	306
20	20	255	40
gut	wk	wk	

319.58	318.13	318.68	318.78	318.58	318.48	318.09	318.55	318.25	318.88
24	285	330	32	34	35	389	318	325	61
40	20	20	10	10	20	20	255	40	
C6	BC	gut			gut	C6	wk		

321<sup>28</sup>



0478 29° Lt end 4" con wall ✓

0478 29° Lt end 4" Eugenia tree ✓

0460

0420

0400 Ely Nile edge AC. par. end Cbs

3475° 29 1/2 Lt begin 4" con wall ✓

Mid Pt Returns & inlets

3462° Ely cb Live Nile

3436° E Nile st

318.48 Lt to Nly  
318.08  
318.65  
335 39 323  
298 298 298  
9d Footing Top wall end

Q

RT = Sly

42

318.68 318.77 318.62 318.38 317.58 317.68 316.98 316.78 316.78 317.18 317.02 316.98  
33 321 334 36 44 42 50 52 52 48 49 50  
40 383 29 26 24 13 13 23 20 36 40  
WK Top wall

318.48 318.18 317.93 317.58 316.78 316.58 316.38 316.28 316.08 316.48 316.57 316.58  
35 380 45 44 52 54 56 52 52 53 54 54  
40 382 29 27 25 13 13 24 23 36 40  
WK Top wall

317.38 317.17 317.18 317.0 316.53 316.27 316.27 316.45 315.78 316.42 316.65 316.62 316.70 316.48  
46 481 480 498 545 521 5 31 553 620 556 533 532 528 55  
40 382 33 26 26 13 13 26 26 33 36 38 38 40  
WK Top wall

317.35 316.78 317.18 317.15 317.09 316.17 315.45 316.46 316.82  
463 52 48 823 489 581 653 552 916  
293 293 293 Top Footing 9d Top grate Top grate Top

317.51 317.02 317.02 316.54 317.01 316.54 316.48 316.17 316.69 316.44 315.89 315.79 316.45 316.82 316.40 315.81 316.26  
47 496 48 544 427 544 55 521 529 554 609 612 553 616 549 617 572  
90 90 46 70 36 36 26 13 13 26 36 36 40 40 90 90  
cb gut cb gut cb gut cb gut cb gut cb gut cb gut cb

317.90 317.38 317.36 317.24 317.13 317.02 316.88 316.75 316.65 316.64 316.62  
488 460 462 474 485 496 50 523 533 524 536  
90 40 36 20 10 10 20 36 40 90

T 32128



1760 Ely Alley  $\pi$

1759 30<sup>s</sup> RT & 6" ANCHOR Pole #439960 H

1740 Wly Alley - a guess as I have no sub map.

1735 33<sup>s</sup> Lt end 5' con walk ✓

1735 30<sup>s</sup> RT & 12" PPk #P3425 ✓

1734 34<sup>th</sup> RT end 4' rail fence ✓

1726 33<sup>s</sup> Lt & 7' con drive way ✓

1721 29<sup>s</sup> Lt & 4" Eugenia tree ✓

1720

TP<sub>3</sub> 4<sup>21</sup> 321<sup>99</sup> 4<sup>20</sup> 317<sup>28</sup>

1700 35<sup>s</sup> RT Begin 4' high rail fence ✓

0790 41<sup>s</sup> RT & double garage con Ploor + apron ✓

0782 31<sup>6</sup> AT end con walk 11 to line ✓

Lt - Nly ✓  
 315.99 ✓  
 6<sup>5</sup> 90  
 5<sup>4</sup> 40  
 6<sup>0</sup> 25  
 6<sup>4</sup> 13  
 6<sup>4</sup> 8  
 5<sup>1</sup> 16  
 4<sup>5</sup> 30  
 5<sup>2</sup> 40  
 7<sup>6</sup> 20  
 8<sup>4</sup> 90  
 315.89  
 316.89  
 317.49  
 316.70  
 314.39  
 313.49  
 43

315.59  
 6<sup>4</sup> 90  
 5<sup>0</sup> 40  
 5<sup>3</sup> 25  
 5<sup>4</sup> 13  
 5<sup>0</sup> 13  
 5<sup>1</sup> 24  
 4<sup>9</sup> 40  
 5<sup>3</sup> 90  
 314.59  
 314.39  
 314.29

317.75  
 4<sup>24</sup>  
 3<sup>83</sup>  
 w/k  
 end  
 317.65  
 4<sup>34</sup>  
 3<sup>83</sup>  
 w/k  
 end

317.77  
 4<sup>22</sup>  
 50  
 4<sup>0</sup>  
 drive  
 317.96  
 4<sup>03</sup>  
 3<sup>82</sup>  
 w/k  
 318.01  
 4<sup>07</sup>  
 3<sup>34</sup>  
 w/k  
 317.92  
 318.09  
 318.09  
 317.29  
 317.69  
 317.49

318.29  
 317.39  
 317.39  
 317.39  
 316.59  
 3<sup>9</sup> 40  
 3<sup>80</sup> w/k  
 4<sup>2</sup> 25  
 4<sup>3</sup> 13  
 4<sup>5</sup> 13  
 4<sup>7</sup> 23  
 4<sup>6</sup> 25  
 5<sup>4</sup> 40

321<sup>99</sup>  
 318.78  
 318.69  
 318.58  
 318.48  
 317.98  
 317.8  
 317.38  
 317.08  
 317.28  
 316.98  
 3<sup>2</sup> 40  
 3<sup>89</sup> w/k  
 2<sup>8</sup> 28  
 2<sup>6</sup> 26  
 4<sup>0</sup> 13  
 4<sup>2</sup> 13  
 4<sup>6</sup> 13  
 4<sup>2</sup> 23  
 4<sup>2</sup> 25  
 5<sup>0</sup> 40

316.93  
 5<sup>05</sup>  
 4<sup>70</sup>  
 apron  
 445  
 floor  
 317.22  
 317.17  
 4<sup>76</sup>  
 3<sup>76</sup>  
 w/k  
 end

321<sup>98</sup>



Lt. Nly

2

RT = Sly

44

BM starting

495 317.04

317.05

if you want more see wabash Ave.  
cross sec. + Topog.

Hedika  
1/15/54

1495

238	265	283	270	235	205	235
40	25	15		20	33	40
298.19	296.49	293.69	294.99	298.49	301.49	298.49

1475

8	140	138	65	65
40	20		20	40
313.69	307.99	308.19	315.49	315.49

1466 30° RT & dead man

321.99



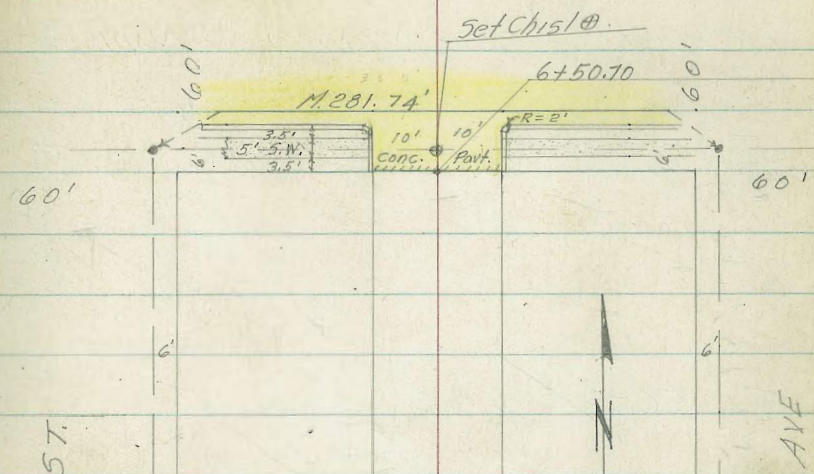
T.A. Stamper

CROSS SECTIONS ALLEY BLK I MONTECELLO  
FROM MONROE TO MADISON W.O. 32226

Ref DWG. 3684-L

MADISON

AVENUE



INDEXED

OCT 26 1953

50TH

ALTADENA AVE

MONROE

AVENUE



CROSS SECTIONS ALLEY BLK I OF  
MONTECELLO FROM MONROE TO MADISON

W.O. 32226  
Begin 45' High Woven Wire fence 102' RT.  
0+00 Nly. Pl. Monroe Edge A.C. Pav't.

0-10 E.C. 2' R. Curb Ret.

0-12 Nly Curbline Monroe

0-30 ± Monroe Avenue

10-22-53

Lt.

Stampfer  
Huffman  
+ Nordahl  
+ Sherry Rt.

(42)

NOTE: Direct Reading Rod Used

381.9	381.7	381.26	381.01	380.90	381.17	381.42	382.3	382.5
25	13	92	92	0	92	92	14	25
		cb	Gut		Gut	cb		

381.22	380.80	380.70	380.95	381.44
92	92	0	92	92
cb	Gut		Gut	cb

380.32	380.52	381.04	380.60	381.21	380.70	380.67	380.70	380.87	380.92	381.52	381.09	381.54
50	50	25	25	112	112	92	0	92	112	112	25	25
cb	Gut	cb	Gut	cb	Gut	Gut		Gut	Gut	cb	Gut	cb

381.29  
50  
Gut  
Driveway

380.47	380.64	380.77	380.92	381.08	381.27	381.46	381.58	381.70
100	75	50	25	0	25	50	75	100

B.M. 382.05

B.M. 377.04

Set P.K. Nly Side P.P. N.E. JP-5025 Sly Side Monroe & Wly Side Alley

S.E.B.P. Winona & Monroe



10-22-53

X-SEC'S ALLEY BLK "J" CONT'D

Lt. & Rt.

0+87 End 3' High Picket fence 98' Rt.  
0+87 Begin Ramp Sing Gar 92' Rt.

383.92  
92  
Conc. Ramp

0+59<sup>3</sup> & P.R.N. RA-511 8<sup>3</sup>' Lt.

0+50<sup>5</sup> Begin 5' Picket fence 104' Lt.

Begin 5' Picket fence 104' Lt.  
0+50 End 4<sup>5</sup>' Woven wire fence 104' Rt.

383.4  
15 10 8 5 0 8 10 15  
383.4  
383.2  
382.8  
383.1  
383.2  
383.4  
384.0

Begin 4<sup>5</sup>' High Woven Wire 104' Rt.  
0+48<sup>5</sup> End 5<sup>5</sup>' High Board fence 104' Rt.  
0+41<sup>5</sup> & 1.3'x1.6' Conc. Pad Anchor for Gate Stop 93' Rt.

383.71  
93'  
# Top Conc Pad.

Begin 5.5' High Board fence Rt. 104  
0+34 End 4.5' High Woven Wire fence Rt. 104

0+25 Break

383.3  
11 10 8 6 0 8 10 15  
383.0  
382.2  
382.6  
382.8  
383.8  
383.9



X-SEC'S ALLEY BLK I CONTD

1+04<sup>5</sup> Floor Line Sing Gar. 14° Rt.

1+03 Begin Conc. Ramp Sing Gar. 98' Rt.

1+00

0+99<sup>1</sup> End Conc Ramp Sing Gar 98 Rt.

0+89

10-23-53

(78)

Lt.                      Rt.

384.44  
14°  
Gar floor

383.83  
98  
Conc Ramp

383.3    383.2    383.0    383.3  
15    10    7    0

383.4    383.7    384.2  
7    10    15

383.97    384.80  
98    138  
Conc Ramp    Gar floor

384.10  
138  
Floor Gar



10-23-53

X-SEC'S-ALLEYBLK I CONTD.

Begin 6' Picket fence  
1+50 End 5' Picket fence 102' Lt.

Begin 4' Picket fence 98' Rt.  
1+50 End 5' Woven Wire fence 98' Rt.

1+49<sup>5</sup> to P.P. N° PA 4521 87' Lt.

1+16 Begin 5' Wire Mesh fence 92' Rt.

1+14 End Conc Ramp Sing Gar. 92' Rt.

1+12<sup>5</sup> End Sing Gar 14' Rt.

1+06<sup>5</sup> to 8 Sing Gar 157' Lt.

T.P.

383.74

Lt. + Rt.

383.9  
15  
383.8  
10  
383.8  
9  
383.1  
7  
383.6  
0  
383.4  
7  
383.7  
10  
383.8  
15

383.88  
92'  
Conc Ramp

384.42  
14'  
Gar floor

383.90  
152  
383.6  
157' 10"  
383.2  
Conc floor Ground

Top Pipe L.S. 2486 100' Nly N. line Monroe & Ely Line Alley



10-23-53

X-SEC'S ALLEY BLK I CONT'D.

Lt.                      C                      Rt.

Begin 6' Board fence 92' Lt.  
2+00 End 6' Picket fence 109' Lt.

384.2  
15 10 7 0 8 10 15  
383.7 383.8 383.6 383.8 384.0

1+97 End Conc Ramp Sing Gar 92' Rt

384.02  
92'  
Conc Ramp

1+96 End Sing Gar 136' Rt

384.47  
136'  
Gar floor

1+88 Sing Gar 136' Rt

384.42  
136'  
Conc floor

1+86<sup>5</sup> Begin Conc Ramp Sing Gar 92' Rt

384.01  
92'  
Conc Ramp

1+85 End 4' Picket fence 99' Rt



10-23-53

X-SEC'S ALLEY BLK I CONT'D

Lt.      &      Rt.

2+99 End 2-Car Gar 11' Rt.

385.61  
11' 0"  
Conc floor

2+84 Begm Drive 2-Car Gar 11' 0" Rt.

385.59  
11' 0"  
Conc floor

2+78 End 4' Picket fence 10' 0" Rt.

2+74 & 2' Conc Walk 10' 0" Rt.

385.01      384.84  
10' 0"      20' 0"  
& Walk      Walk

2+71 & 8" Pepper Tree 10' Rt.

TP.      384.54

Begm 5' Picket fence 10' 1" Rt.

2+50 End 6' Board fence 10' Rt.

2+49 1.5' Dia Cactus 10' 5" Spread 10' 3" Lt.

2+47 & P.P. N<sup>o</sup> PA 4537 8' 6" Lt.

385.10      384.9      384.9      384.4      384.4      384.4      384.5  
15      10      8      6      0      10      15







10-23-53

CROSS SEC'S ALLEY BLK I CONT'D.

Lt.      &      Rt.

3+72 <sup>±</sup> End Conc Ramp Sing Gar 9' Lt.

386.48  
9'  
Ramp

3+71 End floor line Sing Gar 17' Lt.

386.70  
17'  
floor

3+63 Gar floor Sing Gar Gar 17' Lt.

386.73  
17'  
floor

3+61 Begin Ramp Sing Gar 9' Lt.

386.50  
9'  
conc

T.B.M.

386.43

Set PK Elg Side PPN# PA-4557 Sta 3+50 8' Lt







10-23-53

CROSS SEC'S ALLEY BLK I CONTD.

Lt.      &      Rt.

4+82 Beam & Board fence 10<sup>6</sup>' Lt.

387.38  
10<sup>6</sup>'  
Conc  
floor.  
9<sup>0</sup>  
Ramp  
387.33

4+81<sup>5</sup>' End Conc Ramp 2-Car Gar 9<sup>0</sup>' Lt.

4+69<sup>5</sup>' Begin Conc Ramp 2-Car Gar 9<sup>0</sup>' Lt.

387.29  
10<sup>6</sup>  
floor  
9<sup>0</sup>  
Ramp  
387.04

4+60 & 2' Conc Walk 10<sup>6</sup>' Lt.

387.34  
20<sup>6</sup>  
Walk  
10<sup>6</sup>  
& Walk  
387.24

4+51<sup>5</sup>' - & 3' Hedge X 8' Long X 8' High 11<sup>0</sup>' Lt.

387.7  
15  
387.4  
10  
386.8  
7  
386.8  
0  
386.4  
8  
386.4  
16  
386.5  
15  
386.7

4+50  
& P.P. No. PA-4577 9<sup>0</sup>' Lt.  
4+50 End 4<sup>5</sup>' Board fence 10<sup>5</sup>' Lt.











10-23-53

X-SEC'S ALLEY BLKT CONTD.

Lt      &      Rt.

B. M.

386.86

386.83 SE 1/4 CT. 51-54 & Madison

T.B.M.

386.79

Top NW 1/4 CT. Altadena & Madison Ave's.

6 + 80<sup>70</sup> & Madison Ave

386.09	386.25	386.23	386.25	386.17	386.27	386.43	386.43	386.47
100	75	50	25	0	25	50	75	100

± M.H.



INDEXED  
HER

X-section 135/125 Name Drive

from ely 30th st to east.

W.O # 20475

Oct. 4, 1954

C. Allen

D. Sisson

C. Powell

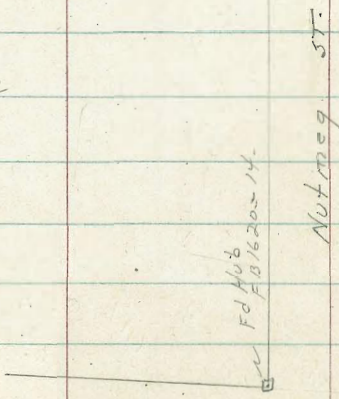
B. Pollen.

Ref.: T.P. Sheet 165

FB 1620-13 et al.

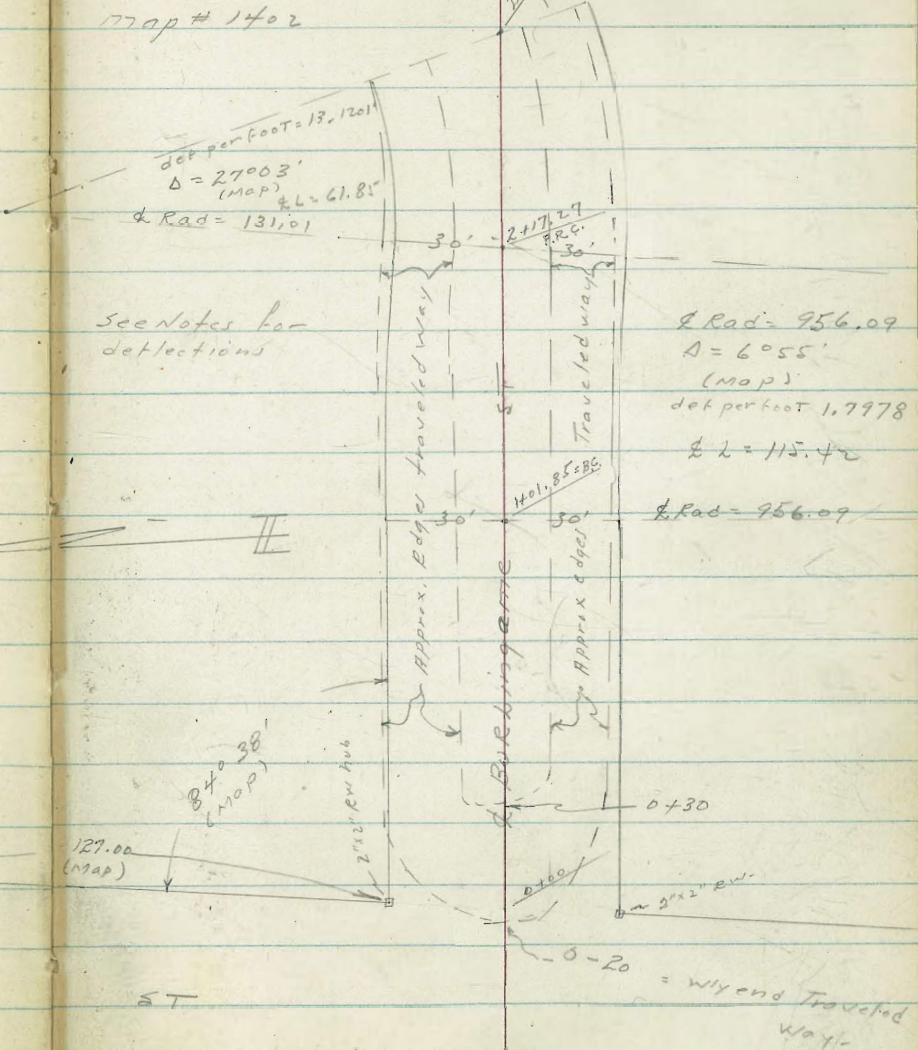
T.P. # 9.

Filed Map # 1402



all information from

map # 1402





X-sec Burlingame Drive  
30<sup>th</sup> ST to city-

LT: N14

Burlingame

RT=N14

(60)

0+75

2084	2090	2091	2090	2120	2160	2147	2200	2243
20°	20°	19°	20°	17°	13°	14°	9°	4°
50	40	30	22	6	23°	30	50	
	N14 of Road		on N14 Road	on N14 Road	on N14 Road	on N14 Road	Top Bank	

229.00 X

TP, 12.29 229.00 0.29 216.71

0+50

2080	2086	2088	2088	2096	2128	2132	2128	2178	2233
9°	8°	8°	8°	7°	4°	3°	4°	+0°	+5°
30	40	30	20	4	4°	30	230°	30	50
	N14 of Road		on N14 Road		N14 of Dirt Road		on N14 Road		

all outs to traveled way on Rt are <sup>on</sup> Sly of two  
Traveled ways - all outs on left are on  
N14 of the two traveled ways.

35° RT=N14 of N14 traveled way.

0+30 - 22° RT=Sly of Sly traveled way.

2044	2075	2088	2088	2092	2100	2113	2110	2138	2170
12°	9°	8°	8°	7°	7°	5°	6°	3°	0°
58	52	35	30	13	11	22	30	50	
Bottom Sly bank Creek	Sly edge Creek	N14 edge of N14 Rd.				Sly edge Travel way			

0+00 = Fly line

21° RT= Sly edge traveled way.

30<sup>th</sup> ST - 15° LT= Sly edge traveled way

2088	2038	2071	2089	2092	2090	2088	2112	2140
13°	13°	9°	8°	7°	8°	8°	5°	3°
46	43	40	30	25	21	30	50	
Creek	Bottom Sly bank Creek	Creek						

0-20 = wly edge of traveled way.

2089	2089	2068	2083	2077	2079	2092
13°	13°	10°	8°	9°	9°	7°
30	28	25	20	22	30	
Creek	on Creek	Sly Bank Creek				

217.00 X

BM. 8.46 217.00

FB 16 20-14+30

208.54

chisel 'x'

Top 1/4" bolt extreme N wly pillar steel pier

Approx 2 30<sup>th</sup> + Sly Burlingame  
D1



X-sec Burlingame dr.

TP2 12.41 237.01 4.40 224.60

2401.85

2°59.78'

1476.85 (Poc.)

2°14.835'

1451.85 (Poc.)

1°29.89'

(Poc.)

F 1426.85 - Section taken on Radial Line

0°44.945'

No Cut on 25' Chord

dot per foot = 1.7978. LL = 115.42  
1401.85 = BC. %R = 956.09 - Δ = 6°55'

Sewer Flows From East to West

0+95 - 13° RT = Sewer Man hole

LT = Nly

±

RT = Sly

(61)

Burlingame

237.01 T

Top of Lat. Marker sta. 1476

2114	221	251	251	214.7	228.1	229.3	229.0	232.5	245A
17 <sup>6</sup>	16 <sup>9</sup>	13 <sup>9</sup>	13 <sup>9</sup>	14 <sup>3</sup>	0 <sup>9</sup>	+0 <sup>3</sup>	0 <sup>0</sup>	+3 <sup>5</sup>	+16 <sup>4</sup>
68	55	34 <sup>2</sup>	30	21 <sup>2</sup>	5	5	22 <sup>2</sup>	30	50
Sly Bank	Nlyot	Nlyot	Slyot	Slyot	Nlyot	Nlyot	Slyot		
Creek	Road	Road	Road	Road	Road	Road	Road		

20.2	213.9	213.7	23A	216.7	22AA	2270	226A	2290	2330
18 <sup>8</sup>	15 <sup>1</sup>	15 <sup>3</sup>	15 <sup>6</sup>	12 <sup>3</sup>	4 <sup>6</sup>	2 <sup>0</sup>	2 <sup>6</sup>	0 <sup>0</sup>	+14 <sup>0</sup>
76	35	30	21	15	6	6	34	30	50
Nly	Nlyot		Slyot		Nlyot	Nlyot	Slyot		
Bank	Road		Road		Road	Road	Road		
Creek									

20.6	2120	211.9	211.6	220A	2240	2233	2253	2350
18 <sup>4</sup>	17 <sup>0</sup>	17 <sup>1</sup>	17 <sup>4</sup>	8 <sup>6</sup>	5 <sup>0</sup>	5 <sup>2</sup>	3 <sup>7</sup>	+6 <sup>0</sup>
50	35	30	19	7 <sup>0</sup>	7 <sup>0</sup>	24	30	50
	Nlyot		Slyot	Nlyot	Nlyot	Slyot		
	Road		Road	Road	Road	Road		

203.7	209	211	210A	211.3	219.00	217	2208	2226	2226
19 <sup>3</sup>	18 <sup>1</sup>	18 <sup>0</sup>	18 <sup>6</sup>	17 <sup>2</sup>	10 <sup>0</sup>	7 <sup>3</sup>	8 <sup>2</sup>	6 <sup>4</sup>	1 <sup>4</sup>
50	35	30	21	15	6	6	24	30	50
	Nlyot		Slyot		Nlyot	Nlyot	Slyot	Tip	
	Road		Road		Road	Road	Road	Bank	

209.3	209.8	209.8	209.1	210.2	215.8	218.8	217.7	220A	221.2	221.2
19 <sup>2</sup>	19 <sup>2</sup>	19 <sup>2</sup>	19 <sup>2</sup>	18 <sup>8</sup>	12 <sup>3</sup>	10 <sup>2</sup>	11 <sup>3</sup>	8 <sup>6</sup>	7 <sup>8</sup>	2 <sup>8</sup>
50	37	30	21	17	7	7	25 <sup>0</sup>	28	30	30
	Nlyot		Slyot		Nlyot	Nlyot	Slyot	Tip		
	Road		Road		Road	Road	Road	Bank		

217.8	213.09
11 <sup>1</sup>	15 <sup>9</sup>
13 <sup>0</sup>	13 <sup>0</sup>
R. 177	15
SMH	Sewer

229.00 T



X-sec Burlington Dr.  
Continued page 63

LT = N14

RT = S14

(62)

P.R.C.  
2+79.12

13° 31.50'

210.2	209.3	224.6	226.4	225.6	228.1	239.0	238.8	240.7	247.8
31.5	22.4	17.1	15.3	16.1	3.6	2.2	2.9	1.0	+6.1
48	45	30	25	15	4	4	21	30	50
Bottom of creek	Top of Creek Bank	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road		

2+75

12° 37.43'

210.1	210.1	224.4	226.0	225.2	238.3	238.6	237.9	240.4	247.2
31.6	22.6	17.3	15.2	16.5	3.4	3.1	3.8	1.3	+5.5
48	46	20	25	16	4	4	21	30	50
Bottom of Creek	Top of Creek Bank	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road		

TP<sub>3</sub> 5.19 241.66 0.54 236.47

241.66 T

2+50

Chord for 25' = 24.96'  
7° 09.43'

208.9	214.9	218.9	222.6	222.2	235.5	235.8	235.3	239.5	248.0
27.1	22.1	18.1	14.4	14.4	1.5	1.2	1.7	+2.5	+11.0
57	55	46	32	30	20	3	21	30	40
Bottom of creek	Bank of creek	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road		

2+25 -

10° 41.43'

216.9	216.9	216.6	222.1	232.6	232.1	236.0
20.1	20.1	20.4	4.9	4.4	4.9	1.0
36	30	22	5	22	30	
Niyot of Road	Niyot of Road	Niyot of Road	Niyot of Road	Niyot of Road	Niyot of Road	

2+17.27 = P.R.C.

3° 27.50'

211.6	220	218.0	220	217.5	231.1	231.6	231.1	235.5	242.5
25.4	25.0	19.0	19.0	19.5	5.9	5.4	5.9	1.5	+5.5
65	54	36	30	22	5	22	30	40	
Bank of creek	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road	Niyot Road			

237.01 T



X-Sec Burlingame Dr

LT= NLY

⊥  
Burlingame  
Dr

RT= Wly.

(63)

TP6

12.97

{208.54}  
208.55

starting B.M.

TP5

1.13

221.52

8.96

{220.50}  
220.39

FP 2179-37  
ON Mon Wly 7' Line 30<sup>th</sup> ST + sky line Notmeq ST

Sta 7+48.40

TP4

0.67

229.35

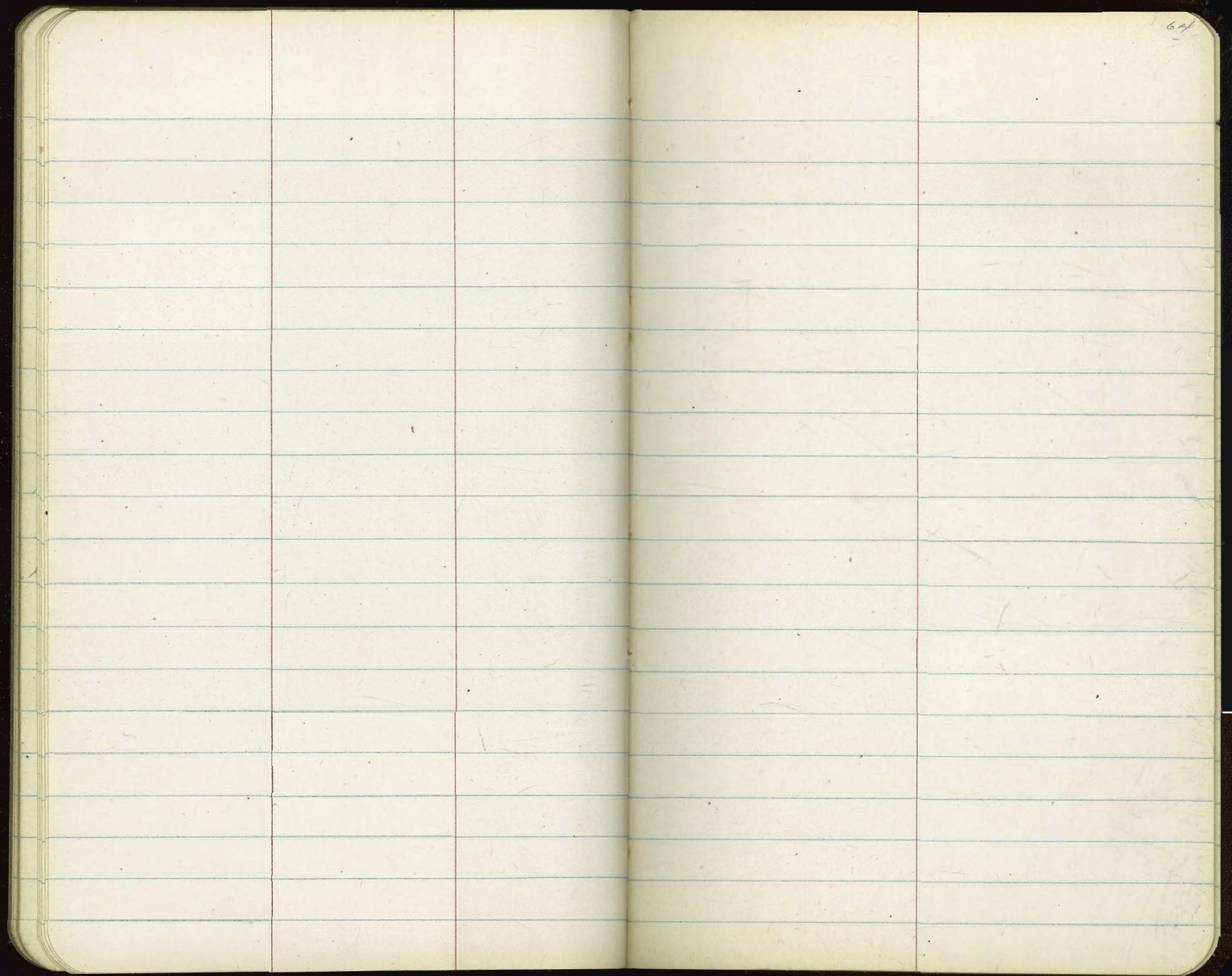
12.98

228.68

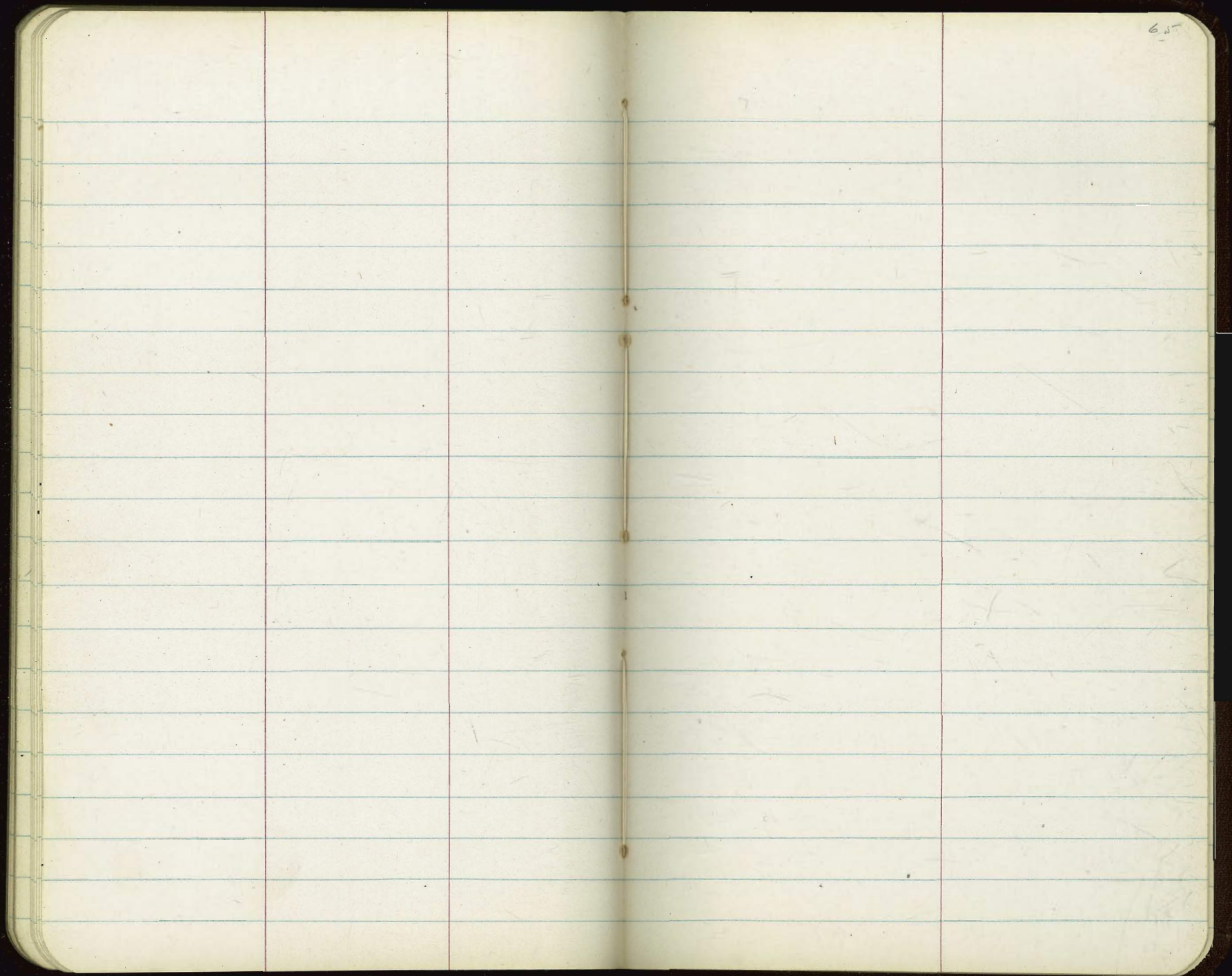
2485-26<sup>5</sup> LT= 2 10" power pole No Number

241.66



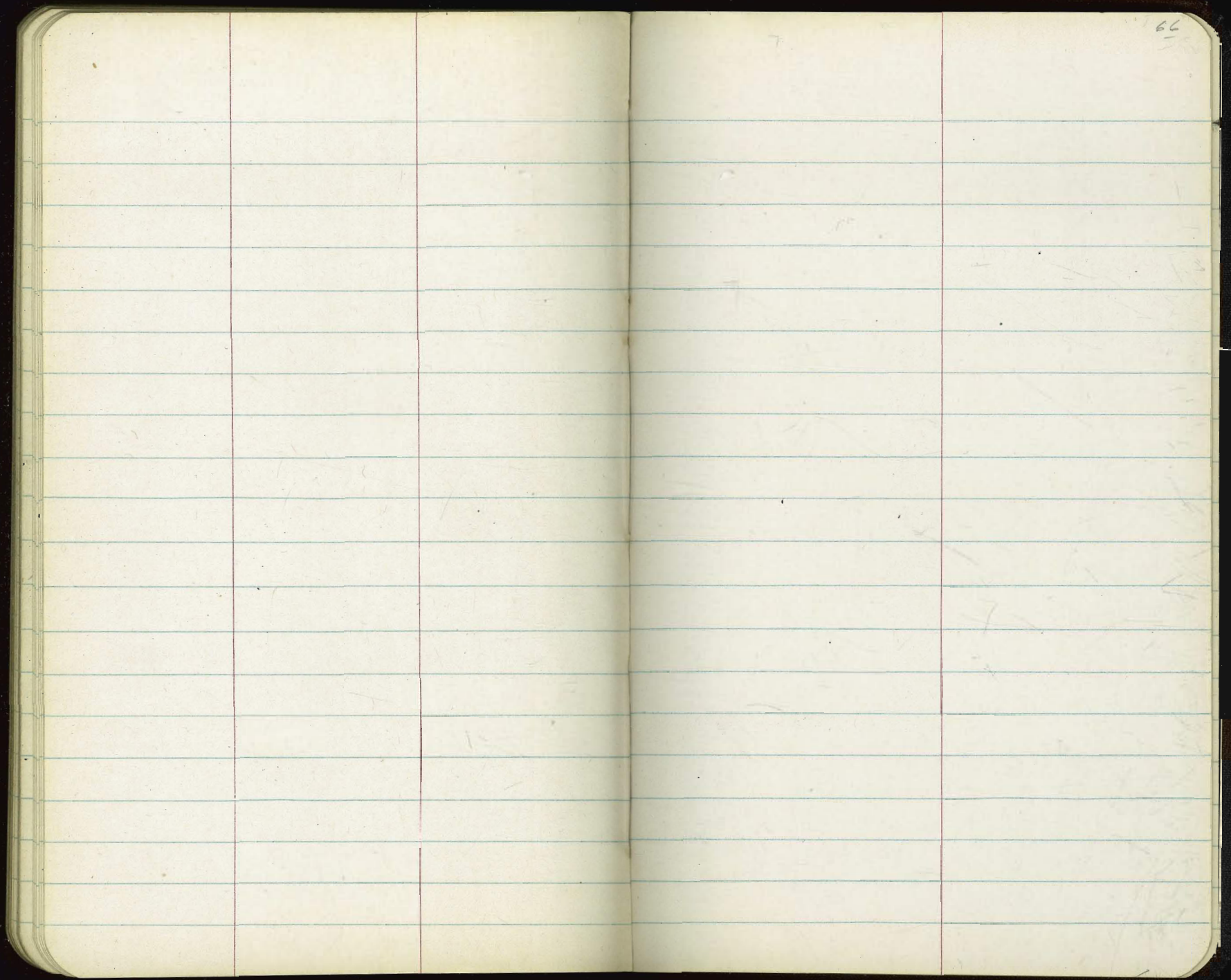






65



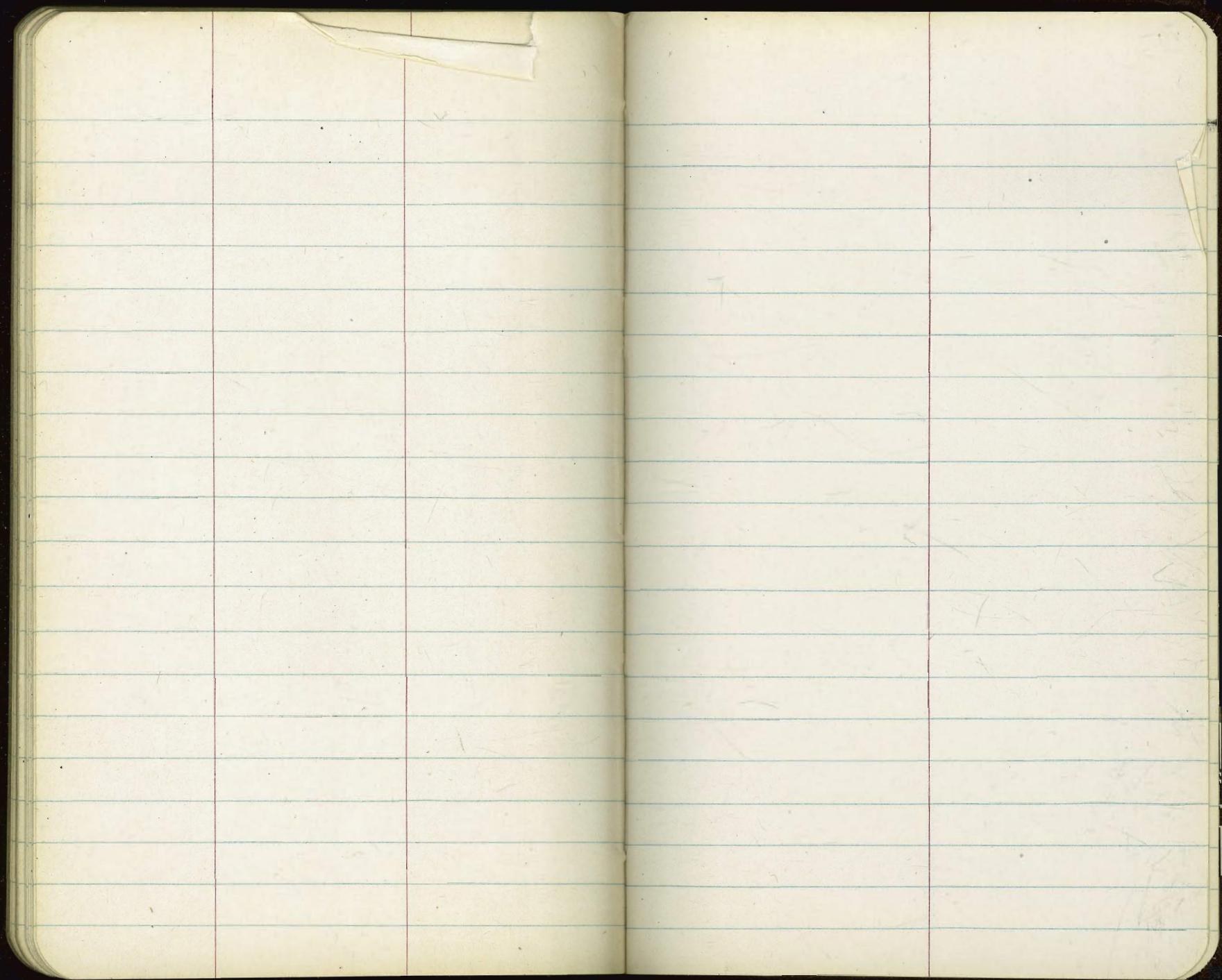


66

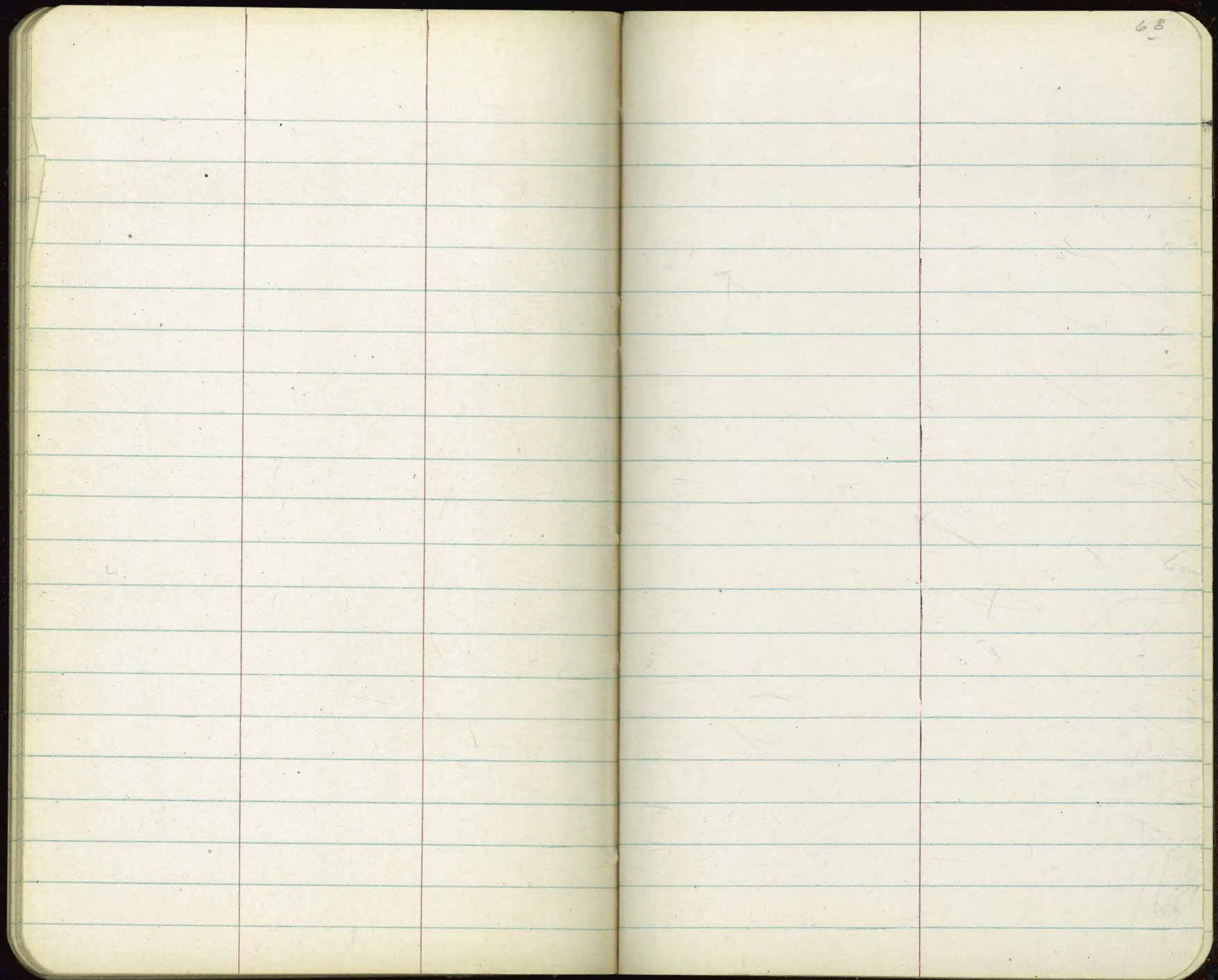








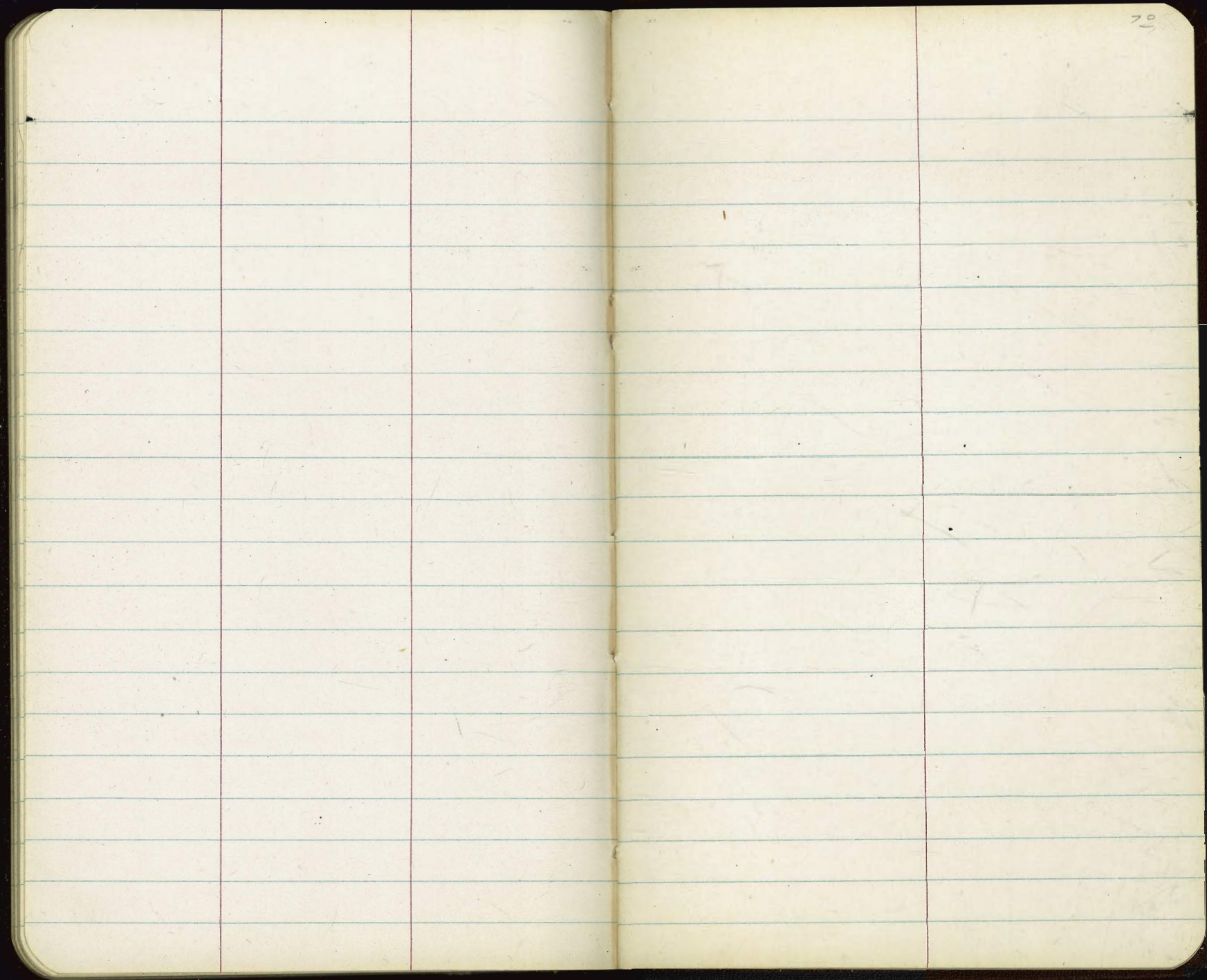




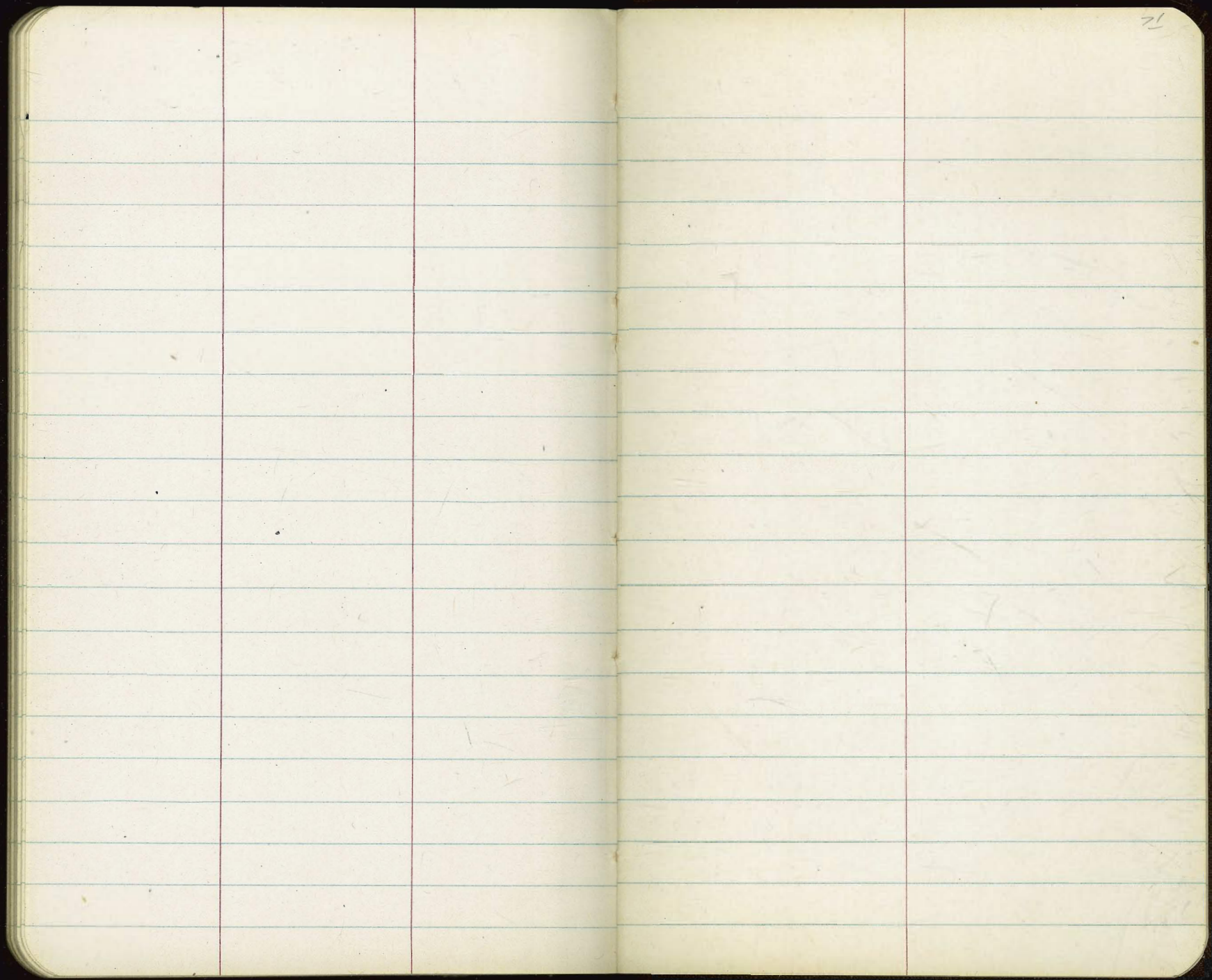


The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. A vertical red margin line is drawn on each page, creating a narrow margin on the inner side. The pages are otherwise blank, with no handwriting or printed text. The notebook's dark cover is visible at the edges, and the pages have rounded corners. The number '67' is handwritten in the top right corner of the right page.









21





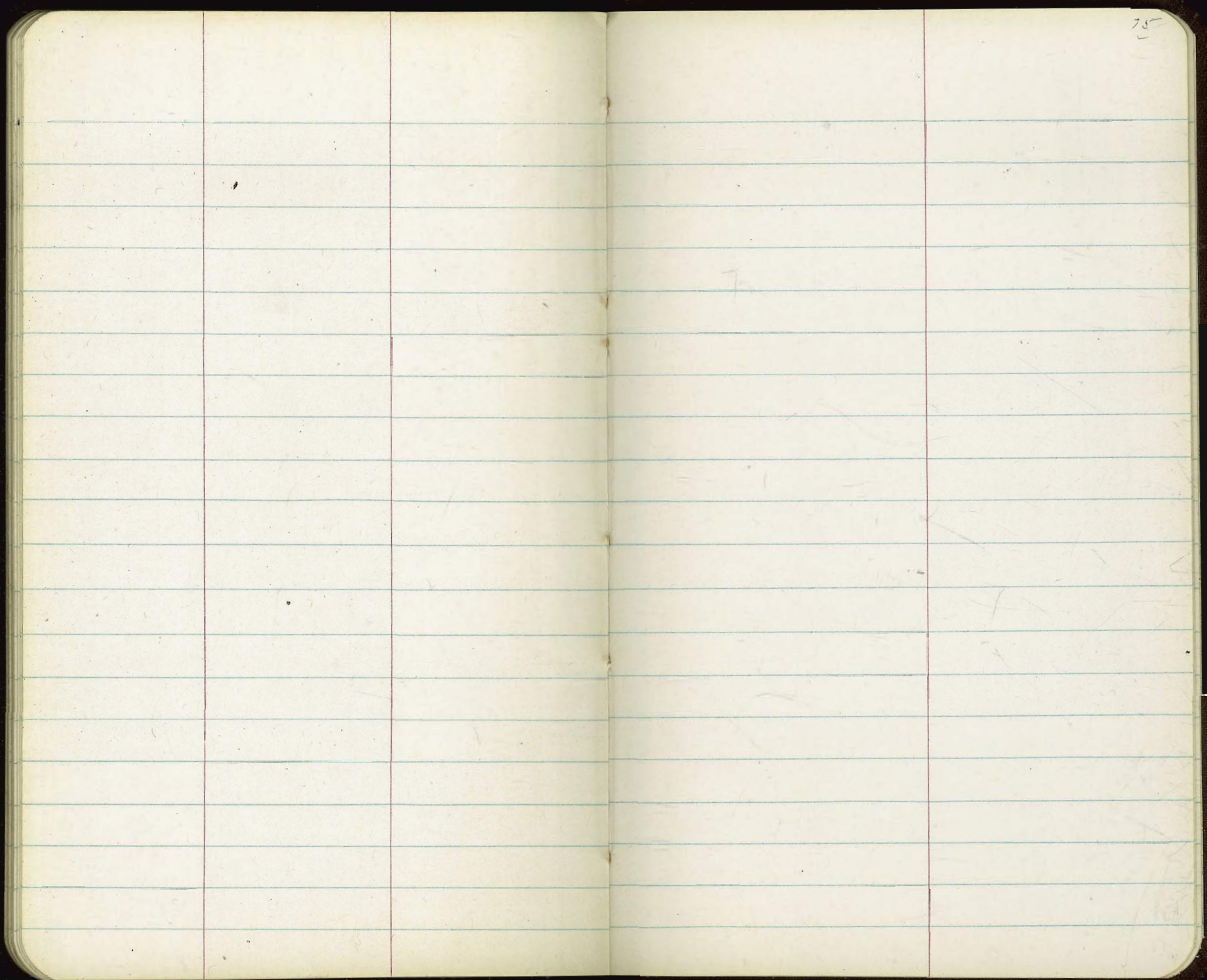


The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. Each page is divided into three vertical columns by two red lines. The left page is completely blank. The right page is also blank, except for the page number '73' printed in the top right corner. The notebook's dark cover is visible at the edges, and the central binding is visible between the two pages.



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 drawn on each page, creating a narrow left margin on the left page and a narrow right margin on the right page. The notebook is bound in the center with visible stitching. The pages are blank, with no writing or markings. The number '74' is handwritten in the top right corner of the right page. The notebook is set against a dark background.





75















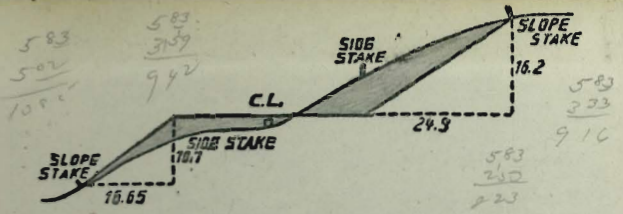
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El. 386.83



27.89 NWEP New York

53 55 29  
 36 04 31  
 89 55 60



**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

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