

1378

Loma Alta and Western
Add. Sewers (Prelim.)

MAN

LEVEL BOOK

No. 5205

ENGINEERING DEPARTMENT,
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CALIFORNIA.

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INDEXED

*to page # 62
except page # 51*

MICROFILMED

DEC 23 1964

Two indices to 1016 - 6/21/64 AH.

62' Extension of Bacon St
Take over lots 52, 53, 54, 55, 56, Ocean Beach

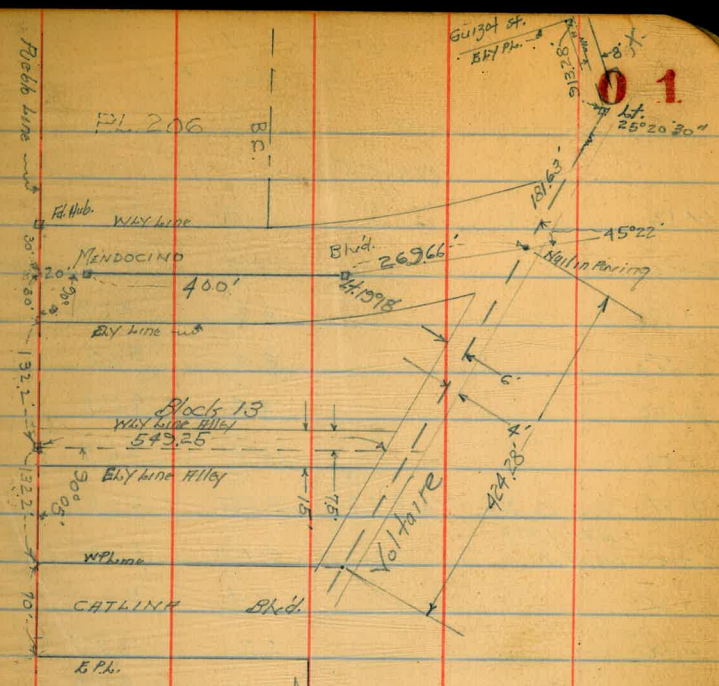
Groveland St. Euclid-54th 40-51

M.H.K.
Lockey
M.H. 001
1-13-30

PRELIMINARY LEVELS
IN MENDOCINO Blvd. And Block 13
05 Per location on opp. Page

LEVELS & ALLEY Bk. 13

SE B.P. Catalina Blvd 4.0001 st. Sly line Radio 706 = 0+00 on Redwood Hub.	2.84	84.53	74.69	Book 1317 Page 27
		1.80	82.73	
+13	INDEXED	3.0	81.5	
+19		5.1	79.4	
+32		2.8	81.7	
+50		3.2	81.3	60' East = 78.5 Elev.
+75		4.1	80.4	
1+00		5.5	79.0	
+35		7.4	77.1	
+50		8.8	75.7	75' East = 73.7 Elev.
2+00		12.1	72.4	
T.P.		0.12	73.22	11.43
+50		3.3	69.9	
+60		4.1	69.1	
3+00		5.1	68.1	
+40		5.6	67.6	
+50		4.9	68.3	75' East = 64.2 Elev.
+75		5.0	68.2	
4+00		6.5	66.7	
+20		7.1	66.1	
+50		9.0	64.2	
+75		10.0	63.2	
5+00		10.1	63.1	
+25		9.7	63.5	



5+49.25 Sly line Voltaire st.	9.71	63.51
+55.5 = Max edge sidewalk	9.70	63.52

LEVELS IN MENDOCINO Blvd

	11.95	24.68	82.73	B.M. on Hub 0+00 & alley 13	
T.P.	6.22	100.05	0.85	23.83	
20' North of Sly P.M. 66 300 = 0+00 on Hub.			0.25	99.80	
+50			2.7	97.3	100' East = 86.6 Elev.
1+00			4.6	95.4	

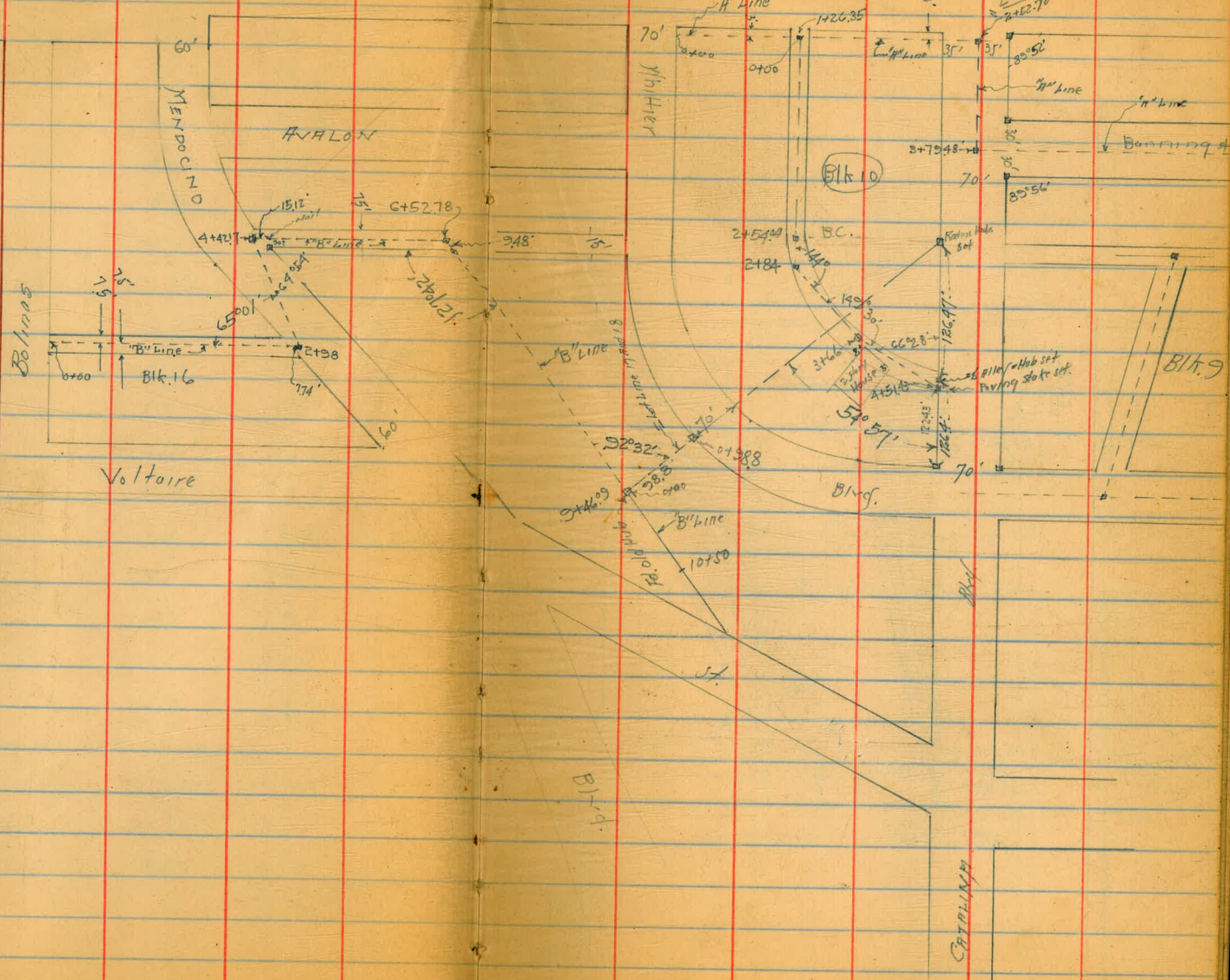
Cont. on P. 2

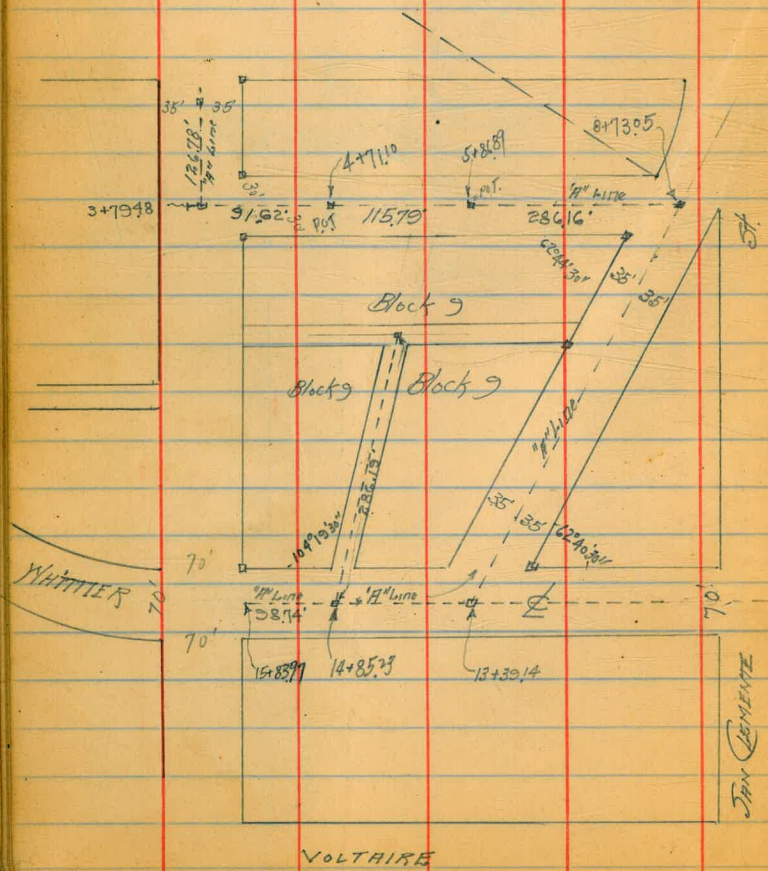
MENDOCINO BRID.
Cont. from P 1

2

x
100.05

1+50			6.3	93.7	
2+00			7.5	92.5	100' East = 75.3 Elev.
+50			8.2	91.8	
+75			8.0	92.0	
3+00			8.4	91.6	
+50			13.1	86.9	
• T.P.	0.36	88.18	12.23	87.82	
	<small>= 24.1.1918</small>				
4+00 on slab.			4.19	83.99	100' East = 78.2 Elev.
+25			5.1	83.1	100' East = 68.4 Elev.
+50			5.5	82.7	
5+00			6.4	81.8	
+40			8.3	79.9	
+50			9.4	78.8	60' East 620 = Elev.
6+00			14.1	74.1	
+22			14.1	74.1	
+25			11.5	76.7	
+50			13.2	75.0	
			16.2	72.0	
6+69.66	<small>= Intersection Hwy edge Walk on Hwy side Yellow</small>				
T.P.	0.04	75.23	12.99	75.19	
T.P.	2.67	67.11	10.79	64.44	
chk. on SE. & P Yellow + Catellina		4.79		62.32	
				62.37 = B.M.	
				0.05 = Error.	





AHCOTT	st.
ZOLA	st.
YONGE	st.
XENOPHON	st.
Van Couvergne	st.
VOLTAIRE	st.
	Blvd.

6

5

Vol 184
11/20/22
No. 1000
1-15-30

"B" LINE Page 3
Prelim. Levels

62.30

6

Station	112	87.62	86.50	T.P.	0.18	50.43	12.05	50.25	
FLY line below st.				N.Y.S.P. Book 1917-18					
=0+00		4.5	83.1	Voltaire Rd. Belmar	5+58		2.5	47.9	60' Lt.
+50		3.2	78.4		6+00		13.1	37.3	= 33.5 = Elev.
+60		3.9	77.7		+13		18.0	32.4	
1+00		10.5	77.1		+23		16.3	34.1	
+32.5 = 1/2 way on left		10.5	77.1		T.P.	4.70	43.09	12.04	38.39
{90' Lt. 14325}		10.5	77.1		6+52.78 = on Hub. Pt. 57° 18'		8.90	34.19	
1+50		11.4	76.2		+90		1.9	41.2	
2+00		12.4	75.2		7+00		1.9	41.1	
T.P.	0.31	74.95	74.64		+50		6.1	37.0	
+50		2.8	72.2		+75		8.2	34.9	50' Lt. = Elev. 27.1
+85		4.2	70.8		8+00		5.7	37.4	
+98 on Hub		3.34	65.61		+13		4.5	38.6	
3+25		12.1	62.9		+50		6.7	36.4	
+50		12.8	62.2		+75		8.7	34.4	
T.P.	0.16	62.30	62.14		9+00		8.7	34.4	
4+00		1.1	61.2		+25		8.3	34.8	
+42.7 = A Pt. 115° 06'		1.30	61.0		+46 ⁰⁹ on Line Hub. Lot 75 78 119		8.58	34.51	
+50		1.0	61.3		10+00		6.9	36.2	
+75		1.6	60.7		+10		5.2	37.9	
5+00		3.9	58.4		-25		+2.0	45.1	
+15		5.9	56.4		10+50 = End 8" line		+9.4	52.5	
(40' Lt 5+15)		8.5	53.8						
(70" 5+15)		15.0	47.3						
5+50		12.3	50.0						

LEVELS on foot line 17
 Above Sta. 3+46.99 on "B" line
 =0+00 43.09 8.58 34.51
 +50 10.6 32.5
 +97 9.8 33.3
 Cont. on p-7

See sketch P. 3
 18 BIK. 12.

LEVELS on lot line 18 and 17

Block 12

Cont from P-6

43.09

0+98.8 on Hub. = 1/2" of better Blvd.	8.97	34.12
1+18.8 on top cb.	8.89	34.20
+19.8 "cut. on paving	10.37	32.72
+34.8 = 1/2" of better Blvd. on Pav.	10.68	32.41
T.P. 0.32	30.50	17.91
		30.18

Walker
Level
Marked
1-15-30

"A" LINE

PRELIMINARY LEVELS

Sketch on Page 3-4

30.50 = Above H.L.

E.S.V. of better Blvd. = 0+00		10.0	20.5
+50		10.6	19.9
+88		12.0	18.5
1+00		9.2	21.3
T.P. 11.33	41.01	0.82	29.68
1+26.35 = 1/2" of better Blvd. on Hub.		12.06	28.95
+30		8.6	32.4
+50		5.9	35.1
+70		4.3	36.7
2+00		5.0	36.0
+40		6.0	35.0
+50		7.9	33.1

"A" LINE

4101

7

2+65		10.8	30.2
2+87.7 equation. = 2+52.7 on Hub. = 1/2" of better Blvd.		13.30	27.71
3+00		7.6	33.4
T.P. 13.02	53.77	0.26	40.75
+50		11.4	42.4
+79.48 = extension of better Blvd. on Hub.		8.14	45.63
4+00		9.8	44.0
T.P. 6.33	60.03	0.07	50.70
+50		1.8	58.2
+71.10 = 20" on Hub.		0.89	59.14
5+00		0.9	59.1
+50		0.6	59.4
+86.89 on Post. Mark.		1.32	58.71
6+00		3.6	56.4
+25		11.2	48.8
T.P. 0.59	47.84	12.78	47.25
6+50		3.8	44.0
+75		7.1	40.7
7+00		9.0	38.8
+37		8.5	39.3
+50		9.7	38.1
T.P. 0.10	34.96	12.98	34.86
+75		1.1	33.9
8+00		7.9	27.1
+25		13.8	21.2
+50		12.8	22.2

100' 5ft.
45.0 Elev.

		3496	7" LINE		
				Levels	
8+73.05	on Hub.		12.03	22.93	
9+00			13.1	21.9	
+50			12.3	22.7	
10+00			10.8	24.2	
+50			7.5	27.5	
T.P.	12.66	47.62	0.00	34.96	
+80			11.6	36.0	
11+00			9.6	38.0	
+70			8.5	39.1	
+50			7.9	39.7	
12+00			4.7	42.9	
+25			1.6	46.0	
T.P.	12.75	59.63	0.74	46.88	
12+50			8.2	51.4	
+80			1.0	58.6	
T.P.	6.17	65.04	0.76	58.87	
13+00			5.3	59.7	
139.14	on Hub.		5.62	59.42	
+50			6.2	58.8	
14+00			6.3	58.7	
+30			5.3	59.7	100' Rft.
+50			3.5	61.5	57.4 ± 1.0
+25			1.7	63.3	
14+85.23	Hub on E. Allegheny Rft.		2.82	62.72	
15+00			3.4	61.6	
T.P.	0.70	53.99	11.75	53.29	

		5399			
+44			53	48.7	
+50			4.5	49.5	
+83.97	E. of line Catalina		7.09	46.90	
16+19	on Rim East Mt.		9.36	44.63	
T.P.	12.22	65.91	0.30	53.69	
chk. on S.M. Volture + Catalina			3.55	62.36	
				62.37 = BP	
				0.01 = Error.	
1-16-30	Alley B/K 9 see sketch P.4				
14+85.23	7" line	1.78	64.50	62.72	on Hub. 14+85.23 on opp Page
= 0+00			1.78	62.72	
+15			3.7	60.8	
+30			3.3	61.2	
+50			2.6	61.9	
+90			2.8	61.7	
1+00			3.4	61.1	
+50			6.6	57.9	75' Rft. Elev. = 56.7
2+00			9.2	55.3	75' Rft. Elev. = 56.2
+25			8.7	55.8	
+50			6.9	57.6	100' Rft. Elev. = 53.1
+75			3.3	61.2	
2+86.19	on Hub. to East of Alley		7.24	62.26	
30' Rft. of above Sta. 2+86.19			3.3	61.2	on E. End of Mt. Allegheny
75' Rft. of 2+86.19			16.1	48.4	" " " "
125' Rft. of 2+86.19			29.2	35.3	" " " "

PRELIMINARY LEVELS
Alley Block 10 Loma Alta #1

Station	14.99	43.94	28.95	28.95	Elev Hub 14265 - Page 7
742635 "A" line R3-location = 0+00			14.99	28.95	
+30			17.5	26.4	100' Rt. = El. 20.9
+50			17.3	26.6	
+70			14.7	29.2	
+75			10.5	33.4	40' Rt. El. 29.0
+85			8.7	35.2	
+90			6.1	37.8	
1400			5.6	38.3	15' Rt. - Back of House El. 38.0
+93			3.1	40.8	
T.P. 1255	55.60	0.89	43.05		
1450			6.0	49.6	
62.5' Rt. 1450			7.5	48.1	
65' Rt. 1450			22.3	33.3	
2+00			0.3	53.3	
T.P. 1139	66.33	0.66	54.94		
2+54.4 = BC of Alley			7.46	58.87	
50' Rt. Above Sta. 2454.4			10.8	55.5	
100' Rt. Sta. 2454.4 on Hub.			20.3	46.0	
2+84 = A 36° Lf.			5.63	60.70	
3+00			5.4	60.9	
+50 on Hub.			7.3	59.0	60' Rt. Elev. 45.1
3+66 = A Lf. 30° 30'			8.21	58.12	
3+76 = W.Y. edge House			7.9	58.4	1' Rt. Back of House
3+95 = Ely " "			2.5	58.8	57' Rt. Back of House
4+00			7.3	59.0	

INDEXED
W.K.
JUN 5 1950

66.33

4+51.43 = W.Y. line Catalina Blvd. 7.55 58.78

Sta. on 36.2486.19 = E. Allys Blk 9 - Page 8 4.05 62.28

62.28 - Hub
0.02 = Error

9

Hub.
9+54 = Alt. 22°45'

8+66.97 = POT Hub

on Hub.
6+84 = Alt. 3°33'

5+60 = POT Hub

Hub.
4+49.41 = Alt. 52°30'

0+00 = Alt. 18°39'

Abandoned See P. 11

Alt. 22°37'

9+54 Alt. 22°45'

8+66.97 POT Hub

Alt.

5+60 POT

4+49.41 Alt. 52°30'

NEELY LINE

BLK. 11

AVALON ST.

Corner P/L # 1

BLK. 10



PRELIM. LOCATION TRUNK LINE SEWER "C" LINE
From N.E.W. Line Loma Alta #1
to Exst. Pumping Plant West of Mission Beach

8+77.86 = P.O.T.

Bridge 8+77.86 = P.O.T.

6+94.89 = A Rt 15°14'

6+94.89 = Rt 12°14'

5+50 = P.O.T.

5+50 = P.O.T.

4+72.40 = A Lt 54°42'

4+72.4 = Lt 54°42'

2+142.8 = A Rt 5°11'

2+142.8 = Rt 5°11'

0+00 = Lt 24°14' on Hub.

N.E.W. line

0+00

Lt 24°14'

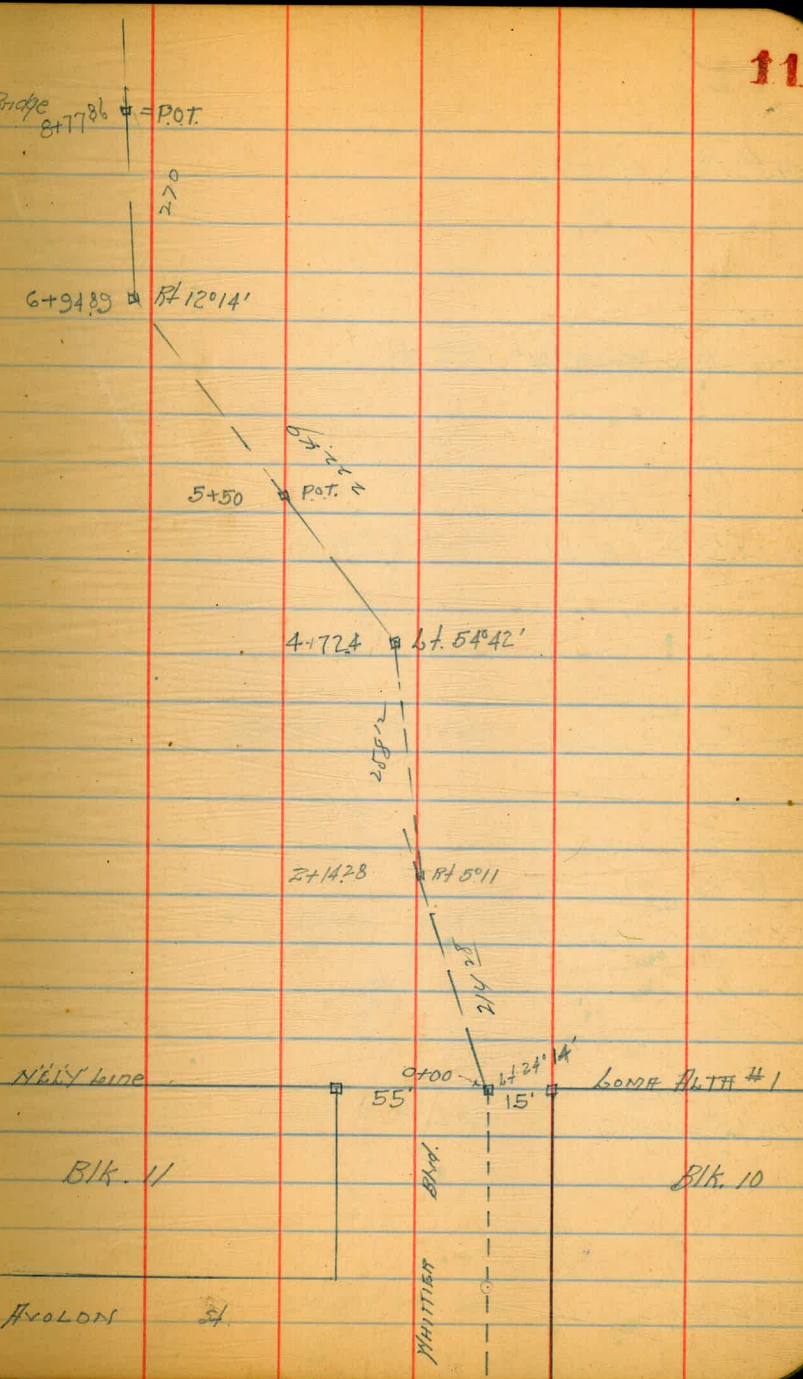
Loma Alta #1

Blk. 11

Blk. 10

MOLON

WHITTIER BLVD.



20+39.16 = Δ Lt. 33°03'

19+19.85 = Δ Lt. 26°14'

Hub.
17+23.18 = Δ Lt. 28°13'

Hub.
14+82.13 = Δ Lt. 18°47'

Hub.
12+94.5 = Δ Lt. 39°58'

on Hub.
11+67.89 = Δ Lt. 21°

on Hub.
9+64.89 = Δ Lt. 22°45'

20+39.16 = Δ Lt. 33°03'

19.31

19+19.85 = Δ Lt. 26°14'

19.67
17+23.18 = Δ Lt. 28°13'

140.08

14+82.13 = Δ Lt. 18°47'

189.03

12+94.5 = Δ Lt. 39°58'

126.61

11+67.89 = Δ Lt. 21°00'

703.0

9+64.89 = Δ Lt. 22°45'

31+69.84 = P.O.T.

30+43.53 = Δ Rt $2^{\circ}51'30''$

28+29.35 = Δ Rt $11^{\circ}15'$

25+33.76 = Δ Lt $4^{\circ}57'$

24+14.89 = Δ Lt $74^{\circ}19'$

22+26.03 = Δ Lt $7^{\circ}01'30''$

31+69.84 = P.O.T.

30+43.53 = Δ Rt $2^{\circ}51'30''$

29+92.4

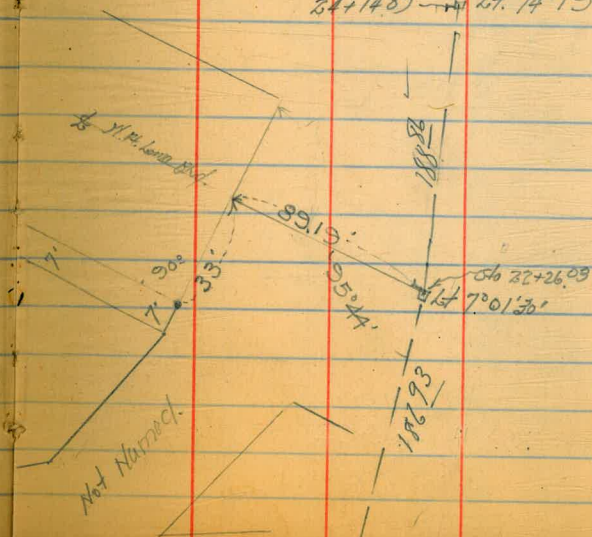
cobblestone

29+75

28+29.35 = Δ Rt $11^{\circ}15'$

25+33.76 = Δ Lt $4^{\circ}57'$

24+14.89 = Δ Lt $74^{\circ}19'$



41+29.32 = A Rt 10°31'

37376

39+30.06 = A Rt 15°05'

20986

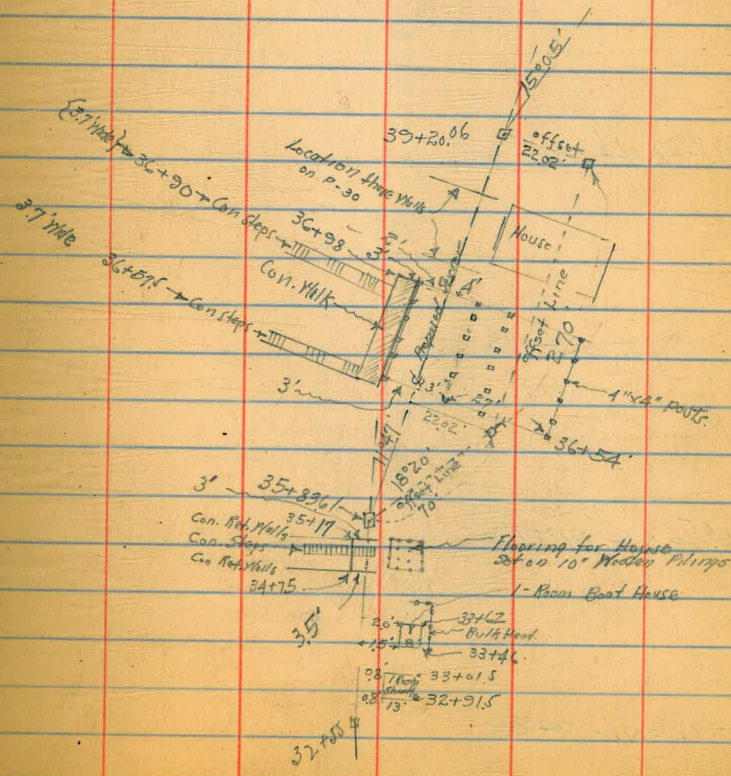
35+83.61 = A Rt 11°47'

33645

32+55 = A Rt 20°50'

32561

21149



60 + 29.20 = end = Exst. Pump House

153³¹

58 + 75.89 = Δ Lt. 13° 45'

204⁶⁵

56 + 71.24 = Δ Lt. 50° 36' 30"

273⁴⁹

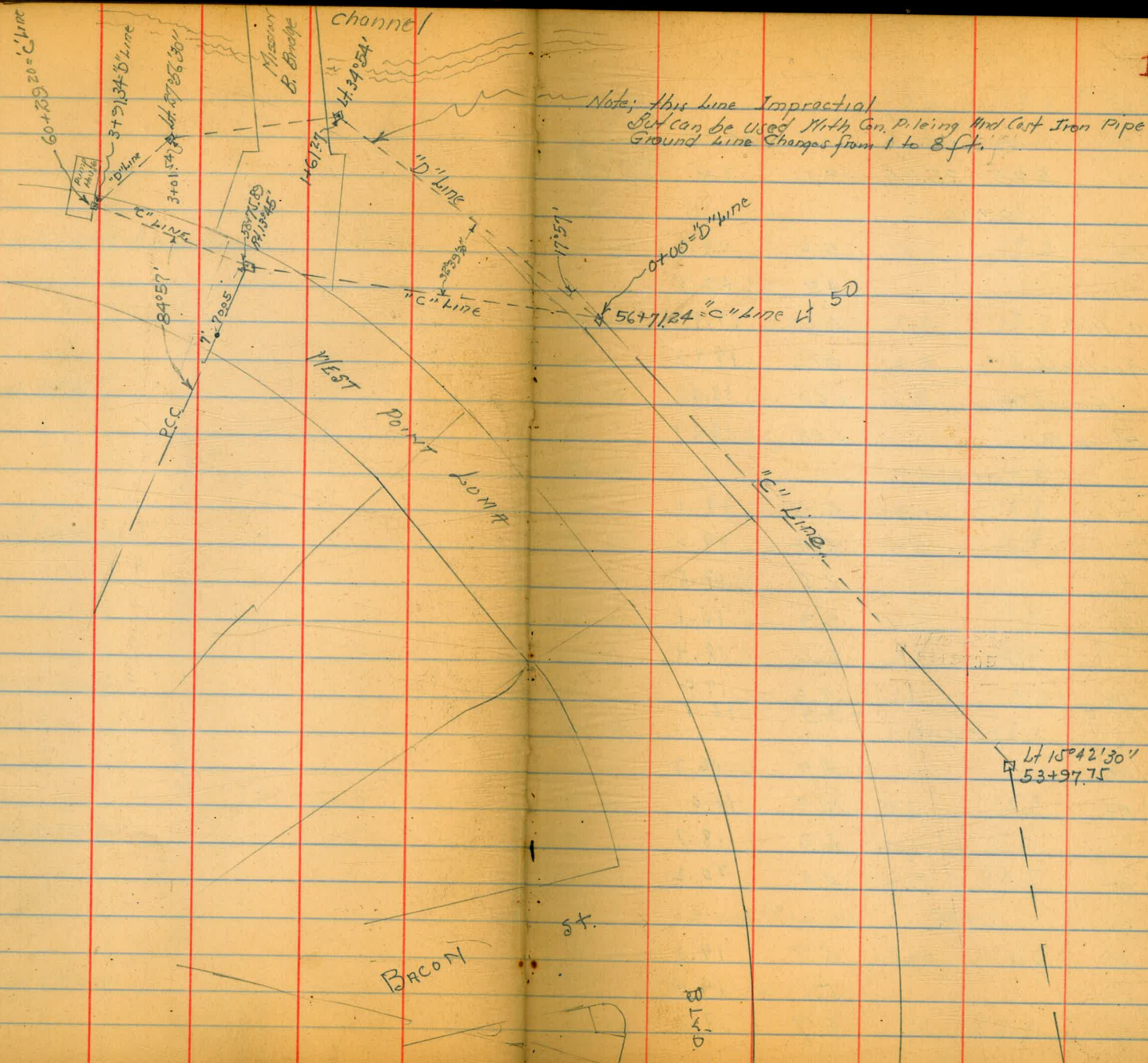
53 + 97.75 = Δ Lt. 15° 42' 30"

501⁷⁰

48 + 16.05 = Δ Lt. 51° 21' 30"

364³⁷

44 + 53.68 = Δ Lt. 24° 03'



"C" LINE
PRELIMINARY LEVELS
Location Page 11-16

25.05

Walker
Rocky
Hollow
Camp 1-23-30

RM on Hub
1665 P-7
2000 P-9
on Hub NELY
Whither
Survey #1

				20' Lt	7.4	17.6
	0.15	29.19	28.95		1700	
TR	5.75	25.05	9.80	20' Lt	8.2	16.8
	0+00			20' Lt	7.3	17.7
20' Rt		5.8	19.2	20' Lt	7.1	18.0
12' "		4.7	20.3		1725	
2 on Hub		5.13	19.92	20' Lt	7.3	17.7
5' Lt on top ck		5.12	19.93	20' Lt	8.3	16.7
6.5' " Gut. on Pk		6.60	18.45	20' Rt	8.3	16.7
20' Lt on Pk		6.88	18.17		1750	
	0+26			20' Rt	8.6	16.4
20' Lt		6.1	19.0	20' Lt	8.2	16.8
17' "		6.0	19.0	20' Lt	8.2	16.8
16' "		7.5	17.5		1775	
9' "		9.9	15.1	20' Lt	7.7	17.3
20' Lt		6.6	18.4	15' Lt	8.6	16.4
20' Lt		5.6	19.4	20' Lt	8.8	16.2
0+35		9.9	15.1	20' Rt	8.9	16.1
	0+45				1800	
20' Rt		8.7	16.3	20' Rt	9.2	15.8
5' Rt		10.0	15.0	20' Lt	10.0	15.0
20' Lt		6.3	18.7	20' Lt	4.5	20.5
	0+75				2+14.28 = Δ 5.11'	
20' Lt		5.7	19.3	2 on Hub	9.50	15.55
6' "		5.6	19.4		2+50	
20' Lt		6.7	18.3	20' Lt	1.9	23.1

	2505		
♀		7.1	17.9
15' Rt.		11.3	13.7
20' Rt.		11.6	13.4
	2+70		
20' Rt.		12.1	13.0
15' Rt.		12.4	12.6
♀		7.2	17.8
20' Lt.		1.7	23.3
	3+00		
20' Lt.		6.9	18.1
♀		12.2	12.8
20' Rt.		13.1	12.0
	3+25		
20' Rt.		13.3	11.7
♀		12.6	12.4
20' Lt.		11.1	14.0
	3+50		
20' Lt.		11.1	14.0
♀		12.0	13.0
20' Rt.		13.5	11.5
	3+70		
20' Rt.		12.3	11.7
♀		12.5	12.5
20' Lt.		9.0	16.0
	4+00		

	2505	"C" LINE	
20' Lt.		5.3	19.7
♀		7.3	17.7
20' Rt.		9.6	15.4
	4+20		
20' Rt.		11.3	13.7
♀		8.7	16.3
20' Lt.		6.1	19.0
	4+50		
20' Lt.		5.0	20.0
♀		7.0	18.0
20' Rt.		10.7	14.3
	4+72.40 = Δ Lt. 54042' Section on Bisector A		
20' Rt.		15.6	9.4
♀ on Hub		10.79	14.26
20' Lt.		6.1	19.0
T.P. on these Hubs	11.70 ✓ 25.96 ✓	10.79	14.26 ✓
	5+00		
20' Lt.		6.4	19.6
♀		11.8	14.2
20' Rt.		17.6	8.4
	5+50 = P.O.T.		
20' Rt.		15.2	10.8
♀ on Hub		6.78	19.18
20' Lt.		2.8	23.2
	5+75		
20' Lt.		4.1	21.9

2596

ℓ		7.8	18.2
20' Rt.		14.5	11.5
	6+00		
20' Rt.		16.7	9.3
ℓ		11.0	15.0
20' Lt.		6.0	20.0
	6+50		
20' Lt.		7.4	18.6
ℓ		12.3	13.7
20' Rt.		17.8	8.2
	6+94.89 = Δ Rt. 12°19' Section on Director.		
20' Rt.		16.7	9.3
ℓ on Hub.		12.04	13.92
20' Lt.		7.2	18.8
	7+50		
20' Lt.		7.6	18.4
ℓ		12.5	13.5
20' Rt.		17.5	8.5
	8+00		
20' Rt.		17.1	8.9
ℓ		12.0	14.0
20' Lt.		6.1	19.9
	8+50		
20' Lt.		3.9	22.1
ℓ		8.7	17.3
20' Rt.		16.4	9.6

2596

"C" LINE

19

8+77.86 = POT & Hub		3.08	16.88
	9+00		
20' Rt.		16.9	9.1
ℓ		10.0	16.0
20' Lt.		3.1	22.9
	9+50		
20' Lt.		3.6	22.4
ℓ		13.1	12.9
20' Rt.		22.0	4.0
	9+64.89 = Δ Lt. 22°45' Section on Director.		
20' Rt.		22.4	3.6
ℓ on Hub		13.68	12.28
20' Lt.		4.4	21.6
	10+03 ✓		
TP on Above Hub	22.31 ✓	13.68	12.28
	10+00		
20' Lt.		+ 2.4	24.7
ℓ		6.8	15.5
4' Rt.		7.5	14.8
20' Rt.		16.2	6.1
	10+50		
20' Rt.		17.7	4.6
ℓ		7.3	15.0
20' Lt.		+ 5.0	27.3
	11+00		
20' Lt.		+ 4.7	27.0
ℓ		7.9	14.4

2231			
20' Pt		19.5	2.8
	11+50		
20' Pt		18.8	3.5
2		8.4	13.9
20' Lt.		+3.0	25.3
11+67.89 = A Pt 21° 00' = 2 on Hub.		6.94	15.37
	12+00		
20' Lt.		1.3	21.0
2		11.2	11.1
20' Pt.		22.4	-0.1
	12+50		
20' Pt.		20.5	1.8
2		10.0	12.3
20' Lt.		+0.2	22.5
12+94.5 = 12 Lt 29° 58' Section on Director.			
20' Lt.		+1.4	23.7
8' Lt.		4.6	17.7
2 on Hub.		11.2	11.19
20' Pt.		24.8	-2.5
	13+35		
20' Pt		20.8	1.5
7' Pt.		12.0	9.3
2		6.1	16.2
20' Lt.		+3.2	25.5
	13+65		
20' Lt.		+2.5	24.8

2231		"C" LINE.	
2		7.7	14.6
20' Pt.		21.2	1.1
	14+00		
20' Pt.		21.6	0.7
2		7.9	14.4
8' Lt.		3.6	18.7
20' Lt.		+7.4	29.7
	14+50		
20' Lt.		+6.8	29.1
2		9.1	13.2
7' Pt.		15.2	7.1
20' Pt.		23.0	-0.7
14+58 = 2 on Hub Dkt			
20' Pt		21.6	0.7
11' Pt.		15.7	6.6
10' Pt.		16.6	5.7
2' Pt.		13.6	8.7
2		11.0	11.3
5' Lt.		9.0	13.3
15' Lt.		2.4	19.9
20' Lt.		+4.0	26.3
	14+65		
20' Lt.		+7.7	30.0
8' Lt.		0.7	21.6
2		7.7	14.6
6' Lt.		12.4	9.9

3231

20' Pt.		31.2	1.1
	14+82 ¹³ = Δ Pt 1847'	Section Bisector.	
20' Pt.		16.8	5.5
$\frac{1}{2}$ on Hub.		3.22	19.09
14' Lt.		+8.2	30.5
20' Lt.		+8.2	30.5
	15+08		
20' Lt.		+7.9	30.2
10' Lt.		0.1	22.2
$\frac{1}{2}$		5.3	17.0
20' Pt.		18.3	4.0
	15+11		
20' Pt.		19.7	3.1
10' Pt.		12.4	9.9
$\frac{1}{2}$		10.7	11.6
10' Lt.		6.0	16.3
20' Lt.		+5.9	28.2
	15+25		
20' Lt.		+6.7	29.0
10' Lt.		2.0	20.3
$\frac{1}{2}$		2.3	13.0
7' Pt.		15.6	6.7
20' Pt.		22.5	-0.2
	15+50		
20' Pt.		24.0	-1.7
10' Pt.		20.1	2.2

3231

"C" LINE

21

$\frac{1}{2}$		13.2	9.1
20' Lt.		0.8	21.5
	16+00		
20' Lt.		+1.0	23.3
$\frac{1}{2}$		12.4	9.9
20' Pt.		24.5	-2.2
	16+50		
20' Pt.		25.1	-2.8
$\frac{1}{2}$		7.9	14.4
20' Lt.		+5.9	28.2
	16+74 = $\frac{24}{2}$ Corrugated Iron Culvert - $\frac{1}{2}$ ESTIMANON ST.		
20' Lt.		12.4	24.7
$\frac{1}{2}$ on top Pipe		12.4	9.9
18.5' Pt. on top Pipe		20.6	1.7
	17+00		
20' Pt.		23.6	-1.3
$\frac{1}{2}$		11.7	10.6
20' Lt.		+1.7	24.0
	17+23 ¹⁸ = Δ Pt. 28°13' Section Bisector.		
20' Lt.		+8.0	30.3
$\frac{1}{2}$ on Hub.		8.15	14.16
20' Pt.		21.8	0.5
	17+50		
20' Pt.		25.9	-3.6
$\frac{1}{2}$		12.8	9.5
20' Lt.		+1.6	23.9

22.31

1807

"C" LINE

22

17+75

20' Lt.	1.4	20.9
2	15.0	7.3
8' Rt.	19.0	3.3
14' "	24.8	-2.5
20' "	26.3	-4.0
T.P.	8.17	18.07
	12.41	9.90

18+00

20' Rt.	20.7	-2.6
2	8.2	9.9
10' Lt.	3.3	14.8
20' Lt.	+4.0	22.1

18+50

20' Lt.	+6.1	24.2
8' Lt.	3.0	15.1
2	8.0	10.1
20' Rt.	19.3	-1.2

19+19.85 = A Pt 26' 14"

20' Rt.	17.0	1.1
2 on Hub.	8.21	19.86
20' Lt.	+4.9	23.0

19+50

20' Lt.	+0.5	18.6
2	10.7	7.4
20' Rt.	18.6	-0.5

20+00

20' Rt.	19.0	-0.9
2	9.0	9.1
20' Lt.	+1.9	20.0

20+39.16 = A Lt. 33' 03"

20' Lt.	+2.6	20.7
2	6.5	11.6
20' Rt.	15.6	7.5

20+70

20' Rt.	16.7	1.4
2	0.8	17.3
20' Lt.	+11.0	29.1

21+00

20' Lt.	+10.6	28.7
2	1.9	16.2
6' Rt.	9.9	8.2
20' Rt.	19.7	-1.6

21+25

20' Rt.	17.0	1.1
2	2.8	15.3
17' Lt.	+9.2	27.3
20' Lt.	+9.0	27.1

21+40 = Beginning Ref. Walls Home Made not cemented. ✓

✓ Poorly Const.

20' Lt.	+5.5	23.6
14' "	+4.8	22.9
5' " on top Wall	0.0	18.1
4' " Base of Wall	2.8	15.3

18.07

18.07

"C" LINE

23

ℓ	4.4	13.7
9' Rt. = top of lower Wall	8.3	9.8
10' " = Base " " "	12.7	5.4
20' "	17.2	0.9
21+50		
20' Rt.	18.6	-0.5
2' Rt. at Base Wall	15.0	3.1
8' " on top Wall	8.9	9.2
ℓ	6.3	11.8
2' Lt. Base upper Wall	5.8	12.3
3' " top " "	+0.2	18.3
10' Lt.	+3.8	21.9
20' "	+4.4	22.5
21+88 = End Rt. Wall S		
20' Lt.	+3.4	21.5
16' "	+3.0	21.1
9' "	-2.0	16.1
1' Lt. on top Wall	2.5	15.6
08' " " Base Wall	7.4	10.7
ℓ	7.4	10.7
2' Rt. on top lower Wall	8.5	9.6
6' " at Base " "	14.0	4.1
16' Rt.	18.4	-0.3
20' Rt.	21.3	-3.2
22+00		
20' Rt.	15.7	2.4

15' Rt.	15.0	3.1
8' "	7.9	10.2
ℓ	6.9	11.2
5' Lt.	6.4	11.7
20' Lt.	+0.5	18.6
22+07		
20' Lt.	+0.6	18.7
ℓ	6.2	11.9
9' Rt.	8.7	9.4
16' "	14.6	3.5
20' "	14.9	3.2
T.P.	7.24	21.40
22+22		
20' Rt.	8.5	12.9
2' "	3.0	19.4
ℓ	+2.6	24.0
20' Lt.	+4.0	25.4
22+26.03 = 2 Lt 7°01'30" Lt.		
20' Lt.	+4.0	25.4
ℓ	+2.6	24.0
8' Rt.	+1.6	23.0
20' Lt.	8.5	14.9
22+33		
20' Rt.	6.5	14.9
13' "	4.7	18.7
ℓ	+1.8	13.2

4' Batter

21.40

21.40

"C" LINE

24

20' Lt.		+4.4	25.8
	22+39		
20' Lt.		+4.0	25.4
2		1.2	20.2
7 Rt.		2.9	18.5
12 Rt.		10.7	10.7
20' Rt.		7.8	13.6
	22+59		
20' Rt.		19.5	1.9
2		15.0	6.4
20' Lt.		4.5	16.9
	22+70		
20' Lt.		4.5	16.9
2		16.0	5.4
12' Rt.		21.6	-0.2
20' Rt.		22.2	-0.8
	23+00		
20' Rt.		22.2	-0.8
15' Rt.		21.0	0.4
2		12.1	9.3
20' Lt.		+0.8	22.2
	23+15		
20' Lt.		+1.1	22.5
15' Lt.		+1.4	22.8
2		10.7	10.7
15' Rt.		20.0	1.4

20' Rt.		20.9	0.5
	23+50		
20' Rt.		18.0	3.4
2		6.0	15.4
10' Lt. = top Bank		0.4	21.0
15' " = Edge		0.4	21.0
	23+90		
20' Lt.		14	20.0
4' "		3.2	18.2
2		4.4	17.0
20' Rt.		13.9	7.5
	24+00		
20' Rt.		19.6	1.8
14' "		13.0	8.4
5' Rt.		6.4	15.0
2		4.8	16.6
20' Lt.		2.2	19.2
	24+14.89 = Δ Lt 74°19' Section on Bisector.		
20' Lt.		2.7	18.7
5' "		5.6	15.8
2 on Hub.		10.40	11.0
18' Rt.		22.9	-1.5
18' Rt.		23.8	-2.4
20' Rt. = edge Slough.		25.2	-3.8
	24+36		
20' Rt.		21.8	-0.4

21.40

15' Rt.		21.8	-0.4
ℓ		6.4	15.0
5' Lt.		5.1	16.3
20' "		2.1	19.3
	25+00		
20' Lt.		2.1	19.3
5' Lt.		5.9	15.5
ℓ		8.0	13.4
20' Rt.		23.2	-1.8
T.P.	8.75 18.32	11.83	9.57
	25+33.76 = Lt 4' 57"		
20' Rt.		21.8	-3.5
12' "		19.8	-1.5
ℓ on Hub.		9.90	8.4
8' Lt.		2.9	15.4
20' Lt.		0.2	18.1
	25+50		
20' Lt.		0.1	18.2
8' Lt.		3.1	15.2
ℓ		10.0	8.3
10' Rt.		19.7	-1.4
20' Rt.		21.8	-3.5
	26+00		
20' Rt.		21.8	-3.5
8' Rt.		18.7	-0.4
ℓ		11.8	6.5

18.36

"C" LINE

25

12' Lt.		1.0	17.3
20' Lt.		+1.7	20.0
	26+50		
20' Lt.		+3.0	21.3
15' "		+2.0	20.3
ℓ		9.7	8.6
12' Rt.		19.4	-1.1
20' Rt.		21.4	-3.1
	27+00		
20' Rt.		22.5	-4.2
9' "		19.6	-1.3
ℓ		10.2	8.1
15' Lt.		+1.6	19.9
20' "		+3.4	21.7
	27+20		
20' Lt.		+3.5	21.8
15' "		+2.5	20.8
10' Lt.		3.7	14.6
ℓ		13.9	4.4
7' Rt.		19.5	-1.2
10' Rt.		22.5	-4.2
	27+50		
20' Rt.		22.0	-3.7
6' Rt.		19.2	-0.9
ℓ		13.4	4.9
20' Lt.		+2.2	20.5

18.32

28+00

20' Lt.	-0.2	18.1
13' "	1.0	17.3
2	13.1	5.2
10' Rt.	19.8	-1.5
20' "	21.0	-2.7

28+29.35 = Rt 11°15'

20' Rt.	21.0	-2.7
15' Rt.	19.5	-1.2
2 on Hub.	9.79	8.53
10' Lt.	2.7	15.6
20' "	+4.1	22.4

28+59

20' Lt.	-1.4	16.9
10' "	4.5	13.8
2	10.3	8.0
13' Rt.	18.3	0.0
20' Rt.	19.5	-1.2

28+62

20' Rt.	19.5	-1.2
2	16.0	2.3
12' Lt.	13.3	5.0
20' "	2.0	16.3

28+72

20' Lt.	11.2	7.1
2	14.5	3.8

18.32

"C" LINE

26

13' Rt.	17.7	0.6
20' Rt.	18.4	-0.1

28+77

20' Rt.	19.0	-0.7
13' Rt.	18.2	0.1
2	10.3	8.0
11' Lt.	3.1	13.2
20' "	4.6	13.7

29+00

20' Lt.	3.5	14.8
8' "	4.9	13.4
2	7.8	10.5
15' Rt.	19.0	-0.7
20' Rt.	19.3	-1.0

29+28

20' Rt.	20.4	-2.1
13' Rt.	19.4	-1.1
2	10.4	7.9
9' Lt.	4.3	14.0
20' Lt.	2.4	15.9

29+50

20' Lt.	10.4	18.7
15' "	0.2	18.1
2	7.9	10.4
12' Rt.	19.4	-1.1
20' "	21.3	-3.0

18.32

29+75 = Beg. Cobble Stone Ret. Wall

20' Rt.	21.0	-2.7
12' Rt.	19.4	-1.1
Σ	9.2	9.1
3' Lt. = Base of Wall	8.9	9.4
4' " = top " "	2.8	15.5
20' Lt. on top " "	+2.6	20.9
20' " at Base of "	+0.2	18.5

29+92 = End of Abacus Wall

20' Lt. on Ground	+1.8	20.1
8' " " "	2.6	15.7
2' " " Wall	3.7	14.6
1' " Base "	9.3	9.0
Σ	9.3	9.0
12' Rt.	19.3	-1.0
20' Rt.	21.0	-2.7

30+43.53 = Δ Rt 2' 51' 30"

20' Rt.	21.3	-3.0
12' Rt.	19.3	-1.0
Σ on Hub.	11.65	6.67
15' Lt.	+2.4	20.7
20' "	+3.0	21.3

31+00

20' Lt.	+5.4	23.7
12' "	+2.0	20.3
Σ	9.2	9.1

18.32

"C" LINE

27

12' Rt.	19.6	-1.3
20' Rt.	21.7	-3.4

31+50

20' Rt.	20.7	-2.4
15' Rt.	19.3	-1.0
Σ	4.8	13.5
8' Lt.	+1.2	19.5
20' "	+5.7	24.0

31+80

20' Lt.	+5.2	23.5
13' "	+2.5	20.8
7' "	+0.6	18.9
Σ	4.9	13.4
16' Rt.	19.4	-1.1
20' "	20.7	-2.4
T.P.	5.04	14.65
	8.71	9.61

32+00

20' Rt.	16.6	-1.9
15' "	14.8	-0.1
Σ	5.0	9.7
10' Lt.	+4.4	19.1
20' "	+7.7	22.4

32+55 = Δ Rt 2' 50'

20' Lt.	+6.8	21.5
17' "	+6.2	20.9
Σ on Hub.	12.84	2.41

14.65

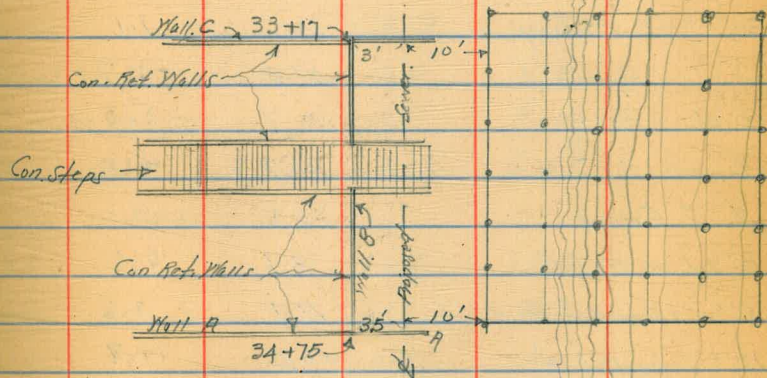
5' Rt.		15.7	-1.0
20' "		19.1	-4.4
	33+00		
20' Rt.		18.8	-4.1
10' "		17.0	-2.3
∠		11.2	3.5
20' Lt.		+7.0	21.7
	33+50		
20' Lt.		+4.8	19.5
∠		14.1	0.6
2' Rt. Floor Boat House		15.2	-0.5
15' Rt.		18.6	-3.9
20' "		20.0	-5.3
	33+86 = End Bulkhead 15.5' Rt. of ∠	15.3	-0.6
	34+00		
20' Rt.		19.4	-4.7
13' "		17.4	-2.7
12' "		16.1	-1.4
8' "		15.8	-1.1
∠		9.9	4.8
20' Lt.		+7.0	21.7
	34+50		
20' Lt.		+7.0	21.7
∠		9.2	5.5
6' Rt.		15.4	-0.7
12' Rt.		17.5	-2.8
13' "		18.8	-4.1

14.65

"C" LINE

28

20' Rt.		20.0	-5.3
	34+75 = Beginning Con. Walls		with Floor for House on Rt.
20' Rt. on Ground		19.5	-4.8
35' Rt. = Slip edge Flooring		13.6	1.1
14' Rt. on Ground		17.9	-3.2
10' Rt. = Slip edge Above Flooring		13.6	1.1
3' Rt. on Ground at A		13.5	1.2
3' " " top slip end Wall		11.2	3.5



∠ on Wall		10.0	4.7
4' Lt. on Wall B		7.6	7.1
16' Lt. " "		2.1	12.6
34+76 on Ground = ∠		12.6	2.1
34+93 " " = ∠		13.2	1.5

1465

1465

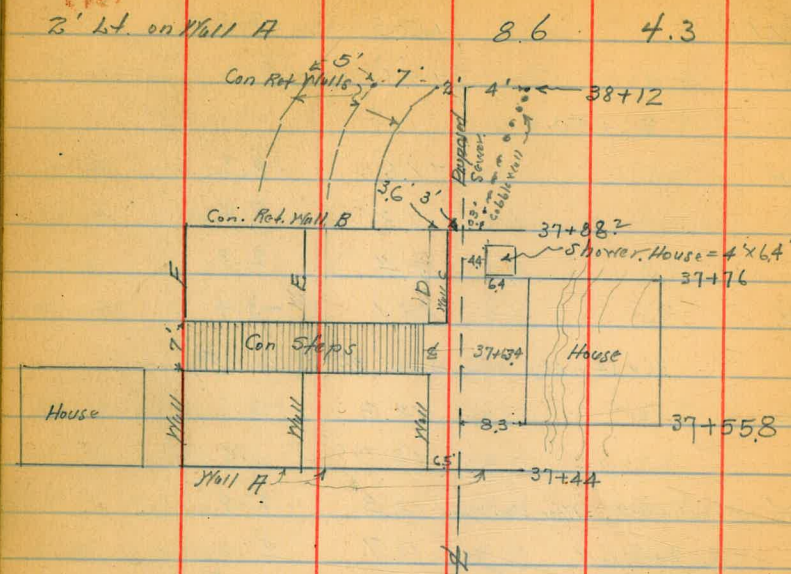
"C" LINE

29

34+97 = $\frac{1}{2}$ Con. steps 7' wide			
17' Lt. on Con. steps	+1.5	16.2	
$\frac{1}{2}$ " " "	10.8	3.9	
3' Rt. = End steps	13.6	1.1	
20' Rt. on Flooring House	13.6	1.1	
35+01 on Ground = $\frac{1}{2}$	12.8	1.9	
35+16 " " = $\frac{1}{2}$	13.6	1.1	
35+17 = $\frac{1}{2}$ Wall C			
20' Rt. on Ground	20.2	-5.5	
20' " " Flooring	13.6	1.1	
7' " " Ground	17.4	-2.7	
3' Rt. on Wall C	11.7	3.0	
$\frac{1}{2}$ on " "	10.7	4.0	
$\frac{1}{2}$ " Ground	13.6	1.1	
3' Lt. on Wall B	8.1	6.6	
3' " " Ground at Wall B	11.1	3.6	
17' " " top Wall B	+0.2	14.9	
35+18 on $\frac{1}{2}$ on Ground	13.6	1.1	
35+50			
20' Lt.	0.3	14.4	
$\frac{1}{2}$	15.9	-1.2	
20' Rt.	21.0	-6.3	
35+83.61 = Δ Rt 11°47'			
20' Rt.	20.0	-5.3	
10' Rt.	17.7	-3.0	
$\frac{1}{2}$ on H.V.	13.36	1.29	

17' Lt.	+2.3	17.0	
20' "	+3.5	18.2	
36+50			
20' Lt.	+1.6	16.3	
5' "	7.3	7.4	
$\frac{1}{2}$	12.4	2.3	
20' Rt.	18.1	-3.4	
36+54 = Ely edge House Mr. Carter, Engineer			
20' Rt.	17.3	-2.6	
$\frac{1}{2}$	12.9	1.8	
6' Lt. on Con. Walls = Floor Elev. House	12.3	2.4	
6' " " top Ret. Wall	10.7	4.0	
T.P. 640 12.87	8.18	6.47	
37+00			
20' Lt.	+2.7	15.6	
15' Lt.	+1.1	14.0	
$\frac{1}{2}$	11.4	1.5	
20' Rt.	18.4	-5.5	
37+44.9 = Con. Wall H			
20' Rt.	18.5	-5.6	
8' Rt. at Wall H	17.9	-4.5	
8' " top " H	12.0	0.9	
4.1' " " H	12.0	0.9	
4.1 on Ground at Wall H	12.8	0.1	
4.2 on Wall H	8.6	4.3	
$\frac{1}{2}$ on " H	8.6	4.3	

12.87



2' Lt. on Wall A	8.6	4.3
7' Lt. on Wall A	4.3	8.6
7" " Ground	5.3	7.6
7.1" " Wall A	0.4	12.5
13' Lt. on " A	0.4	12.5
13" " Ground	1.0	11.9
19" " "	+1.4	14.3
19" " top Wall	+4.3	17.2
37+63.4 = $\frac{1}{2}$ Con. Steps		
-20' Lt.	+4.0	16.9
$\frac{1}{2}$ on Steps	10.3	2.6
8.3 Ft. on Floor. House	12.3	0.6
Top Wall C	9.2	3.7
Ground at Wall C		P

12.87

30

Top Wall D	4.3	8.6
Ground at Wall D	9.0	3.9
37+88.2 = Con. Wall B		
20' Rt.	19.0	-6.1
8' Rt. at Wall B. on Ground	16.8	-3.9
8" " on " B	12.0	0.9
4.5 Rt. " " "	12.0	0.9
4.4 " " " "	8.6	4.3
$\frac{1}{2}$ on Ground.	10.9	2.0
2' Lt. on "	9.6	3.3
2" " Wall B	8.6	4.3
7.5" " " "	4.5	8.4
top Wall D	4.3	8.6
38+12 = End Con. and Cobble Stone Ret. Walls.		
20' Rt.	18.5	-5.6
4" = Bottom Cobble Wall	15.7	-2.8
3" = top " "	10.9	2.0
$\frac{1}{2}$	10.5	2.4
2' Lt. at Base Con. Wall	10.0	2.9
2" on top " "	5.3	7.6
9' at Bottom Con. Wall	4.6	8.3
9' on top " "	0.6	12.3
14" at Base " "	0.1	12.8
14" on top " "	+3.2	16.1
20' Lt.	+3.2	16.1
38+50		

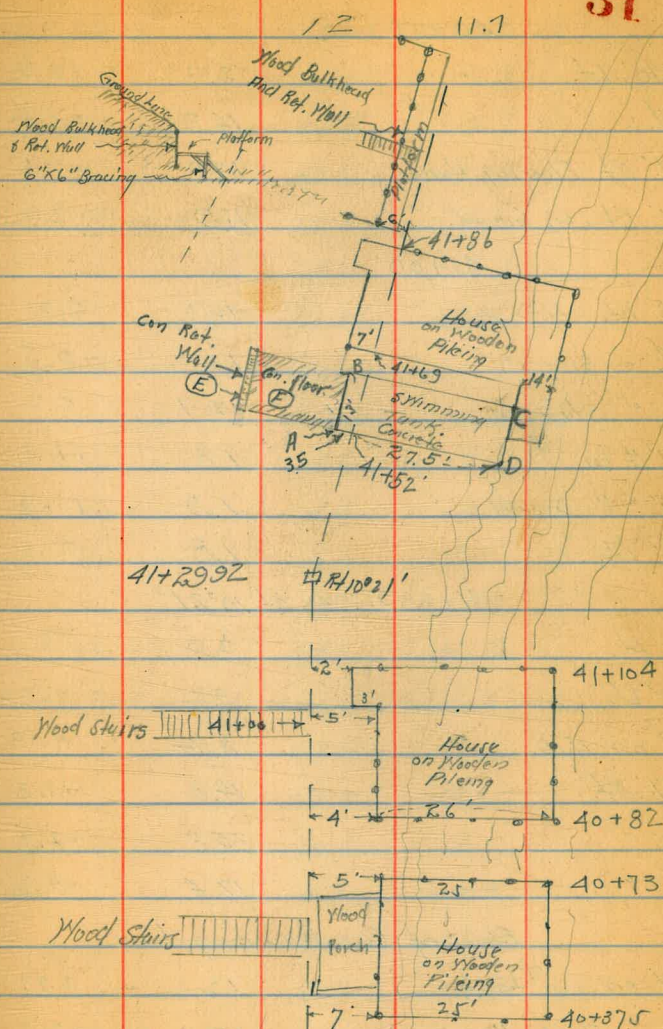
12.87

20' Lt.	+1.5	14.8
8' "	0.8	12.1
4' "	3.8	10.1
L	4.8	8.1
6' Rt.	14.0	-1.1
13' "	15.3	-2.4
15' "	16.9	-4.0
20' "	18.3	-5.4
39+20.06 = Δ Rt. 15'05'		
20' Rt.	17.5	-4.6
14' "	16.7	-3.8
10' "	14.4	-1.5
L on Hub.	7.05	5.82
8' Lt.	0.8	12.1
20' "	+1.8	14.7
39+50		
20' Lt.	+1.3	14.2
7' "	2.3	10.6
L	8.0	4.9
7' Rt.	14.2	-1.3
20' "	18.3	-5.4
40+00		
20' Rt.	18.4	-5.5
7' "	14.8	-1.9
L	10.1	2.8
8' Lt.	3.6	9.3

12.87

"CLIMBING"

31



12.87

40+50

20' Lt.	2.0	10.9
L	14.3	-1.4
7' Rt. Flooring House	13.0	-0.1
7' Rt. on Ground.	15.9	-3.0

41+00

5' Rt. = Floor House	12.7	0.2
L on Ground.	13.4	-0.5
L " Stairway	12.7	0.2
17' Lt. on "	1.8	11.1
17' " " Ground	1.9	11.0
20' Lt.	1.8	11.1

41+20.92 = Δ Rt 10° 21'

20' Lt.	2.0	10.9
8' Lt.	3.2	9.7
L on Hub.	8.74	4.13
7' Rt.	14.2	-1.3
12' "	15.8	-2.9
20' "	17.6	-4.7

Elev. of Cor. Swimming tank

A on top of tank.	12.0	0.87
A " Floor "	15.0	-2.1
B " " "	15.1	-2.2
B " top "	12.1	0.8
C " " "	12.5	0.4
C " Floor "	19.0	-6.1

12.87

"C" LINE

32

D on top of tank	12.1	0.8
D " Floor "	12.7	-6.8
41+52 on Floor tank.	15.4	-2.5
41+65 " " "	15.6	-2.7
Base Cor. Wall (E) = Cor Floor (F)	12.3	0.6
top " "	4.6	8.3
T.P.	2.66	3.07
	12.46	10.41

41+88 = Beg. Wood Bulkhead & Platform

20' Rt.	9.3	-6.2
L	5.6	-2.5
6' Lt at Base Bulkhead	4.0	-0.9
6' " " top "	0.0	3.1
16' "	+8.1	11.2
20' "	+8.1	11.2

42+37 = End Above Bulkhead & Rd Wall & Platform.

20' Lt.	+7.0	10.1
16' "	+7.0	10.1
6' " on top Bulkhead	0.0	3.1
6' " at Base "	4.0	-0.9
L	5.7	-2.6
20' Rt.	9.3	-6.2

42+50

20' Rt.	9.0	-5.9
L	5.7	-2.6
T Lt.	2.3	0.8
20' Lt.	+6.8	9.9

3.07

	43+00		
20' Lt.		+8.5	11.6
17' Lt.		+8.0	11.1
16' "		+5.0	8.1
10' "		+4.1	7.2
2		4.8	-1.7
20' Rt.		8.6	-5.5

43+50

20' Rt.		8.5	-5.4
2		5.0	-1.9
16' Lt. at Base Ref. Wall		+5.2	8.3
17' " " " "		-8.3	11.4
20' "		+8.3	11.4

44+00

-20' Lt.		+6.6	9.7
17' "		+6.6	9.7
6' "		4.4	-1.3
2		5.7	-2.6
20' Rt.		8.1	-5.0

44+53.68 = Δ Lt. 24°03'

20' Rt.		8.2	-5.1
2 on Hub		6.37	-3.30
11' Lt.		4.5	-1.4
20' "		+4.2	7.3
T.P.	9.26	9.55	2.78
		0.29	

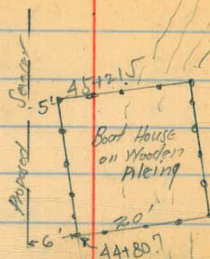
45+00

9.55

"C" LINE

33

20' Lt.		+1.6	11.2
10' "		+0.2	9.8
2		9.0	0.6



44+53.68 Δ Lt. 24°03'

5.5' Rt. = Floor Boat house		9.3	0.3
6' Lt. on Ground		11.3	-1.7
45+34.55 = POT on Hub		4.25	5.30

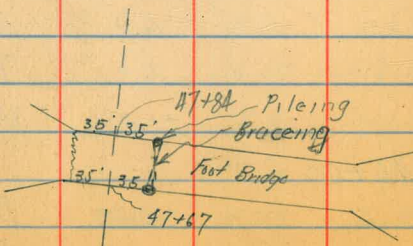
45+50

20' Rt.		13.3	-3.7
6' "		11.2	-1.6
2		6.0	3.6
6' Lt.		2.0	7.6
20' "		+1.0	10.6

46+00

20' Lt.		0.0	9.6
10' "		1.6	8.0

ℓ		10.7	-1.1
20' Rt.		12.9	-3.3
	46+50		
20' Rt.		13.0	-3.4
ℓ		11.8	-2.2
3' Lt.		11.4	-1.8
12' "		3.2	6.4
20' "		1.1	8.5
	47+00		
20' Lt.		2.2	7.4
17' "		3.2	6.4
6' "		10.5	-0.9
ℓ		11.9	-2.3
20' Rt.		13.3	-3.7
	47+50		
20' "		13.3	-3.7
ℓ		11.9	-2.3
7' Lt.		11.9	-2.3
20' "		4.2	5.4



	47+67		
20' Lt.		3.7	5.9
4' "		5.3	4.3
3' "		10.6	-1.0
ℓ		11.7	-2.1
20' Rt.		13.6	-4.0
	47+84		
20' "		13.6	-4.0
ℓ		11.4	-1.8
35' Lt.		11.0	-1.4
4' "		5.0	4.6
20' "		3.3	6.3
	48+16.05 = Δ Rt 57° 21' 30" on Bisector		
20' Lt.		2.2	7.4
10' "		3.7	5.9
20' "		8.0	1.6
20' Hub		11.00	-1.4
20' Rt.		13.6	-4.0
48+50		13.6	-4.0
49+00		14.3	-4.7
49+50		14.8	-5.2
760		13.9	-4.3
772		8.6	1.0
50+00		9.2	0.4
750		9.2	0.4
51+00		9.9	-0.3

51+17	10.1	-0.5
+20	11.6	-2.0
+50	12.0	-2.4
+60	12.6	-3.0
+67	11.6	-2.0
+75	8.8	0.8
52+00	9.8	-0.2
+19	9.7	-0.1
+25	12.1	-2.5
+36	11.9	-2.3
+50	4.3	5.3
+58 = ELY Rail SDE RR	4.09	5.46
+63 = WLY " " " " "	4.08	5.47
53+00	4.0	5.6
T.P.	0.55	5.82
53+48.8 = ELY Rail Turnout SDE RR	1.00	4.82
53+50	1.4	4.4
+74.9 = ELY Rail SDE RR	1.23	4.59
+97.75 = Pt. on Hub	2.59	3.23
54+50	2.2	3.6
55+00	2.2	3.6
+50	2.8	3.0
56+00	3.7	2.6
+50	4.0	1.8
+71.2 = 0+00 S' line	4.67	1.15
+71.2 = Pt. on Hub		
57+00	4.9	0.9

+17	4.8	1.0
+20	6.2	-0.4
+50	5.3	0.5
+56	2.6	3.2
58+00	3.4	2.4
+03.75 = top cb.	3.44	2.38
+03.75 = Point at cb line	4.19	1.63
+27.3 = WLY Rail Lofallo line	3.64	2.18
+63.5 = SLY edge Point	4.04	1.78
+75.89 = Pt. on Hub	4.45	1.37
59+00	4.3	1.5
T.P.	1.84	5.96
+50	6.6	-0.6
60+00	7.0	-1.0
+29.70	6.8	-0.8
T.P.	7.51	12.82
chk. NE BR V. Hains + Bacon	3.19	9.63
		9.52 = B.M.
		0.11 = difference

LEVELS on "D" Line
 IMPRACTICAL Line

Walker
 Leaky
 No Hope
 Kouray

56+71.74' c" line
 = 0+00 "D" Line on Hub

5.82 = T.P. 35

721		4.67	1.15
+22		5.2	0.6
+50		6.8	-1.0
1+00		11.0	-5.2
+06		11.6	-5.8
+50		9.8	-4.0
+50		8.7	-2.9
+61.27 = A. L. on Hub		8.76	-2.94
2+00		8.2	-2.4
+50		7.5	-1.7
TP	184	5.36	170 4.12
3+01.54 = A. L. on Hub		6.97	-1.01
+50		7.7	-1.7
+21.34 = E. V. edge Pump House		6.8	-0.8

Note for det. out see continuation levels in P. 35

(Extensions checked by Davies)
 3-17-30

388.69

100' N

W	4.0	84.7
⊥	4.1	84.6
E	4.1	84.6

95' N. Board Fence O.K. on E.

100' N " " 0.3 in Alley

125' N " " O.K.

150' N. Garage on W. used for dwelling 2.5 Back

E	3.6	85.1
⊥	3.6	85.1
W	3.8	84.9
W+2.5	3.8	84.9

200' N

W.	3.0	85.7
⊥	3.1	85.6
E.	3.1	85.6

190' N Board Fence on E. O.K.

200' " " " " 0.2 in Alley

225' " " " " 0.4 " "

235' N " " " " O.K.

250' N

E	2.8	85.9
⊥	2.9	85.8
W	2.9	85.8

20

389.69 Alley BIK 65 Normal HTs

292' N

38

W+0.6 S. End. Board Fence

300' N

W+0.6 Fence	2.3	86.4
⊥	2.2	86.5
E.	2.2	86.5

T.P. 6.68 393.33 2.04 386.65

320' N. S. End Fence 0.6 in Alley on W.

333' N. Garage on W. dirt floor 0.6 Back

E	6.6	86.7
⊥	6.8	86.5
W.	7.0	86.3
+0.6 floor	7.0	86.3

342' N S. End Fence on W. 0.6 in Alley

365' N Garage on E dirt floor 0.5 Back

W+0.6 Fence	6.3	87.0
⊥	6.4	86.9
E. floor	6.7	86.6

400' N

E	6.2	87.1
⊥	6.0	87.3
+7.0 fence	5.7	87.6

430' N

W.+0.5 Fence	6.0	87.3
⊥	6.1	87.2
E.	6.3	87.0

441' N. N. End Fence on W. 0.9 in Alley.

393.33

445' N

E	5.8	87.5
±	5.7	87.6
W.	5.6	87.7

467' N

W.	6.4	86.9
±	6.4	86.9
E.	6.4	86.9

500' N

E	6.1	87.2
±	6.2	87.1
W	6.2	87.1

540' N

W	5.6	87.7
±	5.7	87.6
E	5.5	87.8

552' N. garage on W. cmt. floor 6' Back

W-6.0	5.6	88.3
W	5.2	88.1
±	5.5	87.8
E	5.6	87.7

585' N

E	5.2	88.1
±	5.2	88.1
W.	5.0	88.3

393.33

Alley BIK 65 Normal HTs.

600' N. Garage on E. cmt. floor 21.5' Back

39

W	4.9	88.4
±	4.9	88.4
E	4.8	88.5
E+21.5 floor,	4.97	88.36

620' N

E.	5.1	88.2
±.	4.9	88.7
W.	5.1	88.2

637' N

W.	5.4	87.9
±	5.5	87.8
E	5.7	87.6

6742.3 = S. line Madison

E+0.25 Top ch.	5.88	87.45
E+0.25 gutter parvt.	6.03	87.30
±	6.14	87.19
47.20	6.12	87.21
47.20 Top ch.	6.06	87.27

12.5 N of S. line = S. ch. line Madison.

W. Top ch.	6.50	86.83
W. parvt.	6.77	86.56
±	6.68	86.65
E	6.63	86.70
E. Top ch.	6.15	87.18

T.P.	6.17	394.92	4.54	388.75
T.P.	4.12	394.05	4.99	389.93

chk BM

579.

388.26 =
388.32N.W. Felton
& Adams.

14262 X-Section
Graveland St.

0+00

-10	7.3	135.3
N	7.3	135.3
cb	7.2	135.4
'14	8.5	134.1
E	9.3	133.3
'14	9.3	133.3
cb	9.3	133.3
S	9.3	133.3
+10	9.3	133.3

0+41.3 = E Elec Pole
6.6
17.5' W of E 136.0

0+50

-10	7.6	135.0
S	7.5	135.1
cb	7.5	135.1
'14	7.1	135.5
E	6.9	135.7
'14	7.3	135.3
cb	6.5	136.1
N	6.7	135.9
+10	7.7	134.9

1+00

-10	5.7	136.9
N	5.6	137.0
cb	5.6	137.0
'14	5.9	136.7

9788.44

100'R

155.04'

CASTANA ST.

8733.4

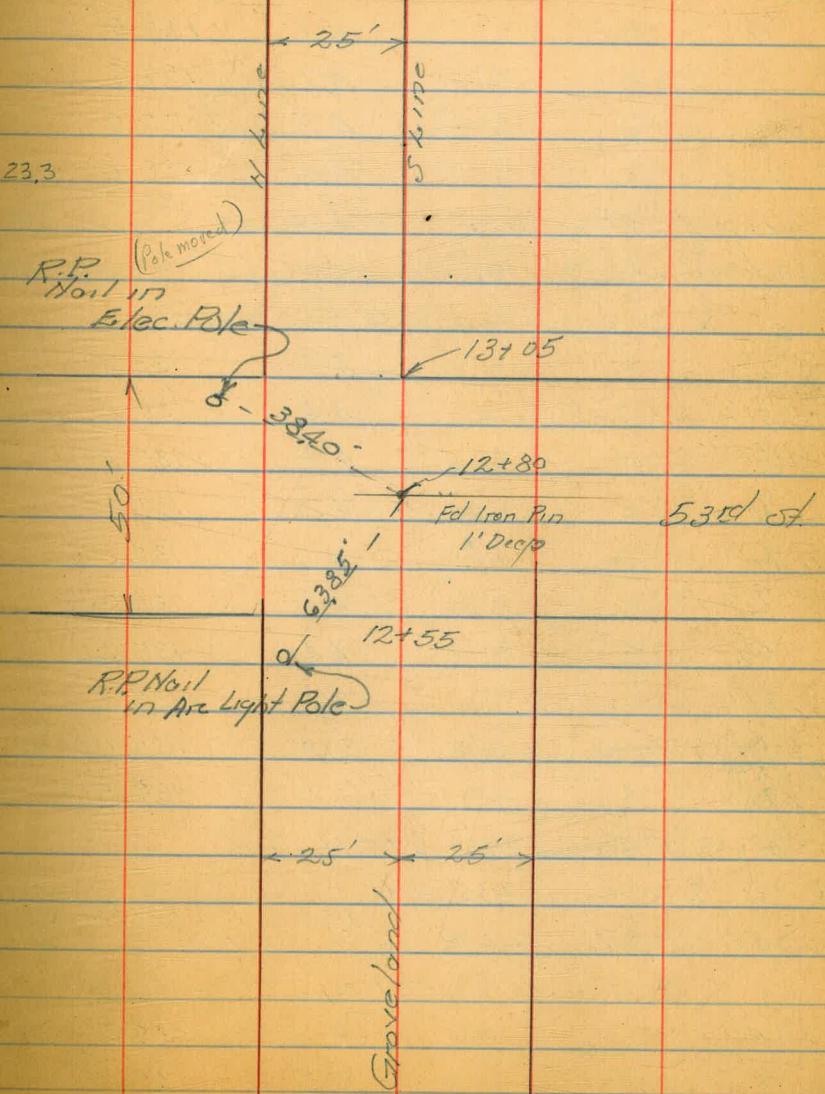
1167'R

140'R

Graveland

50'

L	57	136.9
S 1/4	57	136.9
Scb.	5.3	137.3
S	5.7	136.9
+10	6.1	136.5
1+08.5 = 4' Conc. Walk	5.86	136.76 ✓ 4 of 4 23.3
1+21 = 12" Tel Pole 16.5' Rt ✓		
1+41 = 12" " 26' Lt. 10" dia ✓		
1+50		
-10	4.9	137.7
S	4.8	137.8
cb.	5.0	137.6
1/4	5.3	137.3
L	5.1	137.5
1/4	5.0	137.6
cb.	4.8	137.8
N	4.6	138.0
+10	4.9	137.7
(1+10) 7.5' Lt. of d	6.2	136.4
1+67 = 12" Tel Pole 17.5' Lt. of d		
1+84 = 3' Conc Walk 21' Lt. of d	3.56	139.06 ✓
2+00		
-10	3.7	138.9
N	3.8	138.8
11	3.5	138.1
cb.	4.7	137.9



1/4	4.8	137.8
L	4.9	137.7
1/4	5.1	137.5
cb.	5.1	137.5
S	4.7	137.9
+10	4.6	138.0
√ 2+445 = L 2.5' Conc Walk	4.14	138.48 ✓
√ 2+35 = L 10' Acacia Tree		24.4' Rt L
√ 2+50 = L Conc Walk 27' on N		25' Lt off
-10	3.9	139.7
S	4.4	138.2
cb.	4.7	137.9
1/4	4.8	137.8
L	4.6	138.0
1/4	4.6	138.0
cb.	4.4	138.2
N	4.1	138.5
" on Walk	3.19	139.43 ✓
710	3.1	139.5
√ 2+69 = L 12" Acacia Tree 24.5' Lt. of L		
√ +88 = L 12" Pepper 23.5' Lt. of	3.20	139.42 ✓
√ 2+96 = L 2.7' Conc Walk on N 25' Lt. of		
√ 3+00 = L 12" Tel Pole 17' Lt. of L		
N-	3.0	139.6
N	3.3	139.3

cb.	4.3	138.3
1/4	4.4	138.2
L	4.4	138.2
1/4	4.5	138.1
cb.	4.4	138.2
S	3.6	139.0
+10	3.3	139.3
√ 3+17 = L 2' Conc. Walk	2.83	139.79 ✓
√ 3+20.5 = L Conc. Ribbon Drive	3.52	139.10
		27.7' Lt. of
	3+50	
-10	3.0	139.6
S	3.6	139.0
+4	4.2	138.4
cb.	4.0	138.6
L	4.2	138.4
L	4.3	138.3
1/4	4.3	138.3
cb.	4.1	138.5
N	4.4	138.2
710	4.8	137.8
3+75 75' Lt. of V	8.4	134.2 ✓
4+00		
60	8.0	134.6
-10	5.4	137.2
N	4.9	137.7
cb.	4.1	138.5

4+00

192.62

146.50

Groveland

44

1/4		4.2	138.4	
S		4.1	138.5	
1/4		4.1	138.5	
5cb		3.8	138.8	
S		3.8	138.8	
+10		3.0	139.6	
T.D	7.77	146.50	3.89	138.73
	4+50			
-10		6.4	140.1	
S		7.3	139.2	
cb		6.9	139.6	
+3		7.4	139.1	
1/4		7.2	139.3	
S		7.1	139.4	
1/4		7.3	139.2	
cb		7.5	139.0	
N		7.5	139.0	
+10		7.5	139.0	
4+58 = 4' Conc Walk		7.24	139.26	
4+93 = 7' " Drive		6.30	140.20	
	5+00			
-10		6.3	140.2	
N		6.3	140.2	
cb		6.2	140.3	
1/4		6.3	140.2	
S		6.2	140.3	

1/4		6.2	140.3	
+3		6.6	139.9	
cb		6.1	140.4	
S		5.3	141.0	
+10		5.5	141.0	
5+05 = 2' T-1 Pole on N	17.5' Lt			
5+16 = Beginning Conc. Wall	5.63	140.87	✓	
5+53 = END " "	5.26	141.24	✓	
5+50				
-10		5.0	141.5	
S		5.1	141.4	
cb		5.4	141.1	
1/4		5.7	140.8	
S		5.4	141.1	
1/4		5.5	141.0	
cb		5.6	140.9	
N		5.7	140.8	
N on 6" Wall		5.48	141.02	✓
+10		5.9	141.1	
5+40 = 2' Conc. Terrace on Rt				
S-100		2.8	143.7	
S-50		3.9	142.6	
S		5.5	141.0	
cb		5.8	140.7	
S		5.8	140.7	
	6+00			
N-10		4.3	142.2	

	146.50	
6+00		
N	4.2	142.3
cb	4.4	142.1
1/4	4.8	141.7
2	5.1	141.4
1/4	5.2	141.3
+2	5.4	141.1
cb.	4.7	141.8
S	3.9	142.6
+10	3.4	143.1
↓ 6+20 = 16" Tol Pole	17' Lt. 2	
↓ 6+24 = Beginning Conc. Wall on Lt.	248' Lt.	
on	3.27	143.23 ✓
6+50		
-10	3.1	143.4
S	3.4	143.1
cb.	4.0	142.5
+5	5.0	141.5
1/4	4.8	141.7
2	4.5	142.0
1/4	4.2	142.3
cb.	3.9	142.6
N	3.4	143.1
on Wall	3.04	143.46
+10	2.9	143.6
↓ 6+55 = 7" Conc. Drive	3.50	143.00 ✓ 248' Lt.

	146.50	Groveland St
7+00		45
-10	2.4	144.1
N on Wall	2.67	143.83 ✓
" " Ground	3.0	143.5
cb.	3.6	142.9
1/4	3.6	142.9
2	3.8	142.7
1/4	4.1	142.4
+2	4.2	142.3
cb.	3.4	143.1
S	2.6	143.9
+10	2.4	144.1
↓ 7+19 = 2' Conc. Walk	2.28	144.22 ✓ 25.6' Rt. of 2
↓ 7+35 = End Conc. Wall	2.32	144.18 ✓ 248' Lt. 2
↓ 7+46 = 16" Tol Pole	17' Lt. 2	
7+50		
-10	2.1	144.4
S	2.3	144.2
cb.	2.1	144.4
+5	4.0	142.5
1/4	3.9	142.6
2	3.6	142.9
1/4	3.3	143.2
cb.	2.8	143.7
N	2.7	143.8
+10	2.5	144.0

114

146.50

7+98 = 2.5' Conc Walk	1.64	144.86 ✓	22.3 RT L
8+00			
-10	2.0	144.5	
N	2.4	144.1	
cb.	2.9	143.6	
1/4	3.0	143.5	
L	3.2	143.3	
1/4	3.5	143.0	
+2	3.8	142.7	
cb.	2.6	143.9	
S	1.7	144.8	
+10	1.6	144.9	
T.P. 5.80	142.82	2.48	144.02 ^{on Cor.} Meter Box
8+50			
-7.5 in Casture st.	4.7	145.1	
-10	4.9	144.9	
S	4.9	144.9	
cb.	5.7	144.1	
+5	6.5	143.3	
1/4	6.4	143.4	
L	6.1	143.7	
1/4	6.2	143.6	
cb.	6.0	143.8	
N	5.4	144.4	
+10	5.4	144.4	

142.82

Groveland

46

9+00			
-7.5			6.8 143.0
-10			5.1 144.7
N			5.4 144.4
cb.			5.8 144.0
1/4			5.9 143.9
L			5.8 144.0
1/4			6.1 143.7
+2			6.2 143.6
cb.			5.4 144.4
S			5.3 144.5
140 in Roughed Grade Casture			4.9 144.9
9+50			
-10			4.6 145.2
S			5.4 144.4
cb.			5.5 144.3
1.5			5.8 144.0
1/4			5.7 144.1
L			5.6 144.2
1/4			5.6 144.2
cb.			5.4 144.4
N			4.9 144.9
+10			4.9 144.9
9+72 = 3' Conc. Walk			4.61 ✓ 145.21 25.8 RT L
9+90 = 2.5' " "			4.75 ✓ 145.07 23.7 RT L
9+99 = 1/2 Tel Pole			16.44 L

14982

10+00

-10	4.4	145.3
N	4.4	145.3
cb.	4.8	145.0
1/4	5.0	144.8
L	5.0	144.8
1/4	5.4	144.4
cb.	5.1	144.7
S	4.6	145.2
+10	4.2	145.6

10+50

-10	3.6	146.2
S	4.0	145.8
cb.	4.4	145.4
1/4	5.1	144.7
L	4.7	145.1
1/4	4.5	145.3
cb.	4.3	145.5
N	4.0	145.8
+10	3.8	146.0

11+00

-100' vacant lot	6.9	142.9
-10	4.0	145.8
N	4.3	145.5
cb.	4.3	145.5
1/4	4.4	145.4

14982

Groveland

47

1/4	4.4	145.4
1/4	4.6	145.2
cb.	4.0	145.8
S	3.6	146.2
+10	2.6	147.2

11+34 = E. 65' Conc. Drive 26' 4" E

N-65 = at Garage 6.2 ✓ 143.6

N-1' on Conc. 3.94 ✓ 145.88 ✓

11+50

11+51 = 8' 25" Conc. Walk on 2' 1/2" E

-10	2.1	147.7
S	3.7	146.1
cb.	3.7	146.1
+2	4.0	145.8
1/4	4.0	145.8
L	3.9	145.9
1/4	3.8	146.0
cb.	4.1	145.7
N on Conc. Walk	3.82	146.00 ✓

12+00

-100' vacant lot	7.0	142.8
-10	3.4	146.4
N	3.5	146.3
cb.	3.6	146.2
1/4	3.5	146.3
L	3.5	146.3
1/4	3.5	146.3

HT

12+00 149.82

151.80 Graveland

48

cb.		3.2	146.6
S		2.5	147.3
+10		1.5	148.3
12+19 = 2 Td/ Pola	17 H. 2		
T.P.	5.04	151.80	3.06 146.76
	12+55 = WL. 53rd St.		
-10		4.2	147.6
S		4.8	147.0
cb.		5.3	146.5
1/4		5.3	146.5
1/2		5.3	146.5
1/4		5.5	146.3
cb.		5.4	146.4
N		6.1	145.7
+10		5.9	145.9
	12+80 = 2 53rd St. Roughed out		
N-200		16.1	135.7
-150		13.6	138.2
-100		11.2	140.6
-50		8.3	143.5
N		6.0	145.8
cb.		5.7	146.1
1/4		5.5	146.3
1/2		5.2	146.6
1/4		4.9	146.9
cb.		4.6	147.2

Large Nut
12 Above
Tale

S		
+50		
+100		
+150		
+200		
35 Rt. Sl.		
25 " "		
15 " "		
7.5 " "		
3 Rt.		
Sl.		
7.5 N		
cb.		
N		
+10		
-10		
N		
+10		
+17.5		
+22		
S		
+7.5		
+17.5		
+25		
+35		

4.2	147.6
2.6	149.2
1.1	150.7
0.0	151.8
7.07	152.5
13+05 Graveland 25' Wide from here	
3.6	148.2
4.2	147.6
4.6	147.2
5.1	146.7
5.1	146.7
5.9	145.9
5.9	145.9
6.1	145.7
6.7	145.1
6.4	145.4
13+50	
5.5	146.3
5.4	146.4
5.5	146.3
5.5	146.3
5.7	146.1
5.0	146.8
4.5	147.3
4.3	147.5
4.4	147.4
4.4	147.4

Ex. Line of 53rd St.

Ex. Line Graveland 53rd St.

84

15180

14+00

-35	1.8	150.0
-25	1.9	149.9
-15	2.0	149.8
-7.5	2.6	149.2
S.L.	3.1	148.7
+4	4.1	147.7
+7.5	4.0	147.8
+15	4.5	147.3
N	4.1	147.7
+10	4.1	147.7
↓ 13198 = 2' Conc. Walk	3.67	148.13 ✓

↓ 14+25 = 1/2 12" Tel Pole 1' South of N.L.

14+50

-7.5	5.4	146.4
-10	3.4	148.4
N	3.2	148.6
+10	3.4	148.4
+17.5	3.2	148.6
S.L.	2.7	149.1
+7.5	2.4	149.4
+17.5	1.9	149.9
+25	1.8	150.0
+35	1.6	150.2

15+00

-35	0.8	151.0
-25	1.2	150.6

49

15180

Groveland St

-15	1.6	150.2
+7.5	1.7	150.1
S.L.	1.5	150.3
+3'	2.3	149.5
+7.5	2.2	149.6
+15	2.3	149.5
N.L.	2.6	149.2
+10	2.6	149.2

7.P. 7.76 157.54 2.02 149.78

↓ 15+49 = 1/2 16" Tel Pole on N 15' South of N.L.

15+50

-10	6.8	150.7
N	7.1	150.4
+10	7.2	150.3
+17.5	7.2	150.3
+22	7.4	150.1
S.L.	6.7	150.8
+7.5	6.8	150.7
+17.5	6.5	151.0
+25	5.9	151.6
+35	6.0	151.5

16+00

-35	5.0	152.5
-25	5.0	152.5
-15	5.2	152.3
-7.5	5.5	152.0
S.L.	5.3	152.2

15754

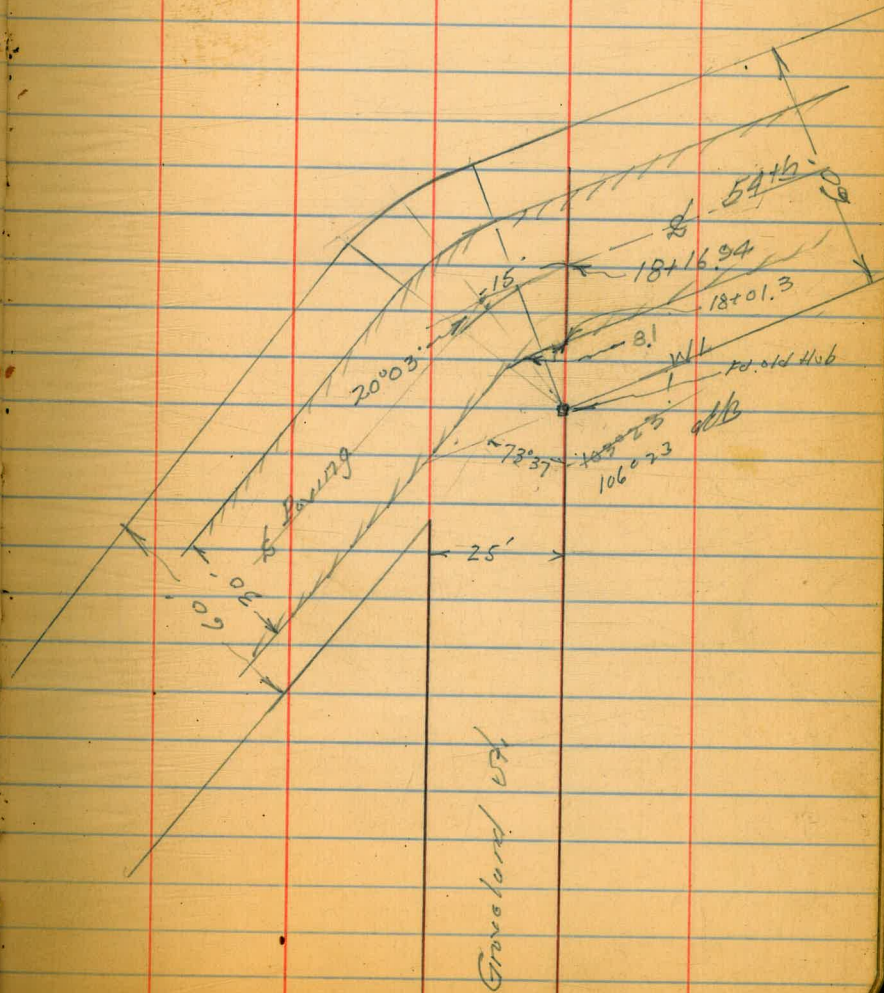
15754

Groveland

50

SL 2'	6.0	151.5	SL 7.5	5.5	152.0
+7.5	6.0	151.5	N	5.1	152.4
+1.5	6.0	151.5	+1.0	4.1	153.4
NL	5.9	151.6			
+1.0	5.4	152.1	-1.0	3.6	153.9
↓ 6.5' wide 16+24" Conc Ribbon Drive on Rt. 16.5 SL	4.9	152.64V	N-3	3.8	153.7
↓ 16+45" 16" Tol Pole on N 1' 10 st			N	6.4	151.1
16+50			+1.0	6.2	151.3
-1.0	4.1	153.4	+17.5	6.3	151.2
N	4.9	152.6	+2.0	6.2	151.3
+1.0	5.2	152.3	SL	3.7	153.8
+17.5	5.1	152.4	+7.5	3.4	154.1
+2.2	5.2	152.3	+1.5	3.5	154.0
SL	4.6	152.9	+2.5	3.5	154.0
+7.5	4.9	152.6	+3.5	3.5	154.0
+1.5'	4.9	152.6			
+2.5	4.9	152.6	17+83		
+3.5	4.9	152.6	-3.5	3.3	154.2
17+00			-2.5	3.3	154.2
-3.5	4.4	153.1	-1.5	3.4	154.1
-2.5	4.6	152.9	-7.5	3.6	153.9
-1.5	4.5	153.0	SL	3.6	153.9
-7.5	4.4	153.1	+6	6.5	151.0
SL	4.3	153.2	+7.5	6.5	151.0
+3	5.8	151.7	+1.5	6.4	151.1
7+7.5	5.6	151.9	+2.5 NL	6.4	151.1
			N+5.5 t = W edge Pav	6.57	150.97

T.P.	9.28	156.86	996	147.58
18+01.3 = W edge 30' Strip Conc. Paving				
S-50 on Pav	2.87			153.99
-25 " "	3.81			153.05
-15 " "	4.24			152.62
SL " "	5.01			151.85
+81 = RT " edges	5.35			151.51
N on Pav.	5.67			151.19
+25 " "	6.29			150.57
T.P.	0.23	147.81	9.28	147.58
T.P.	0.23	135.28	12.76	135.05
T.P.	4.01	126.37	12.92	122.36
chk. B.M. in Bridge 54th St.		5.25	121.12	
			121.14	
			0.02 diff.	



Graveland 157

Walker Cross Section LONG ST.
Osborne from Abino Kenwood
H2010 09-15-43 To West line 60th of Such St.

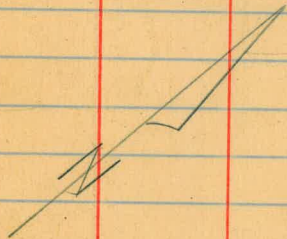
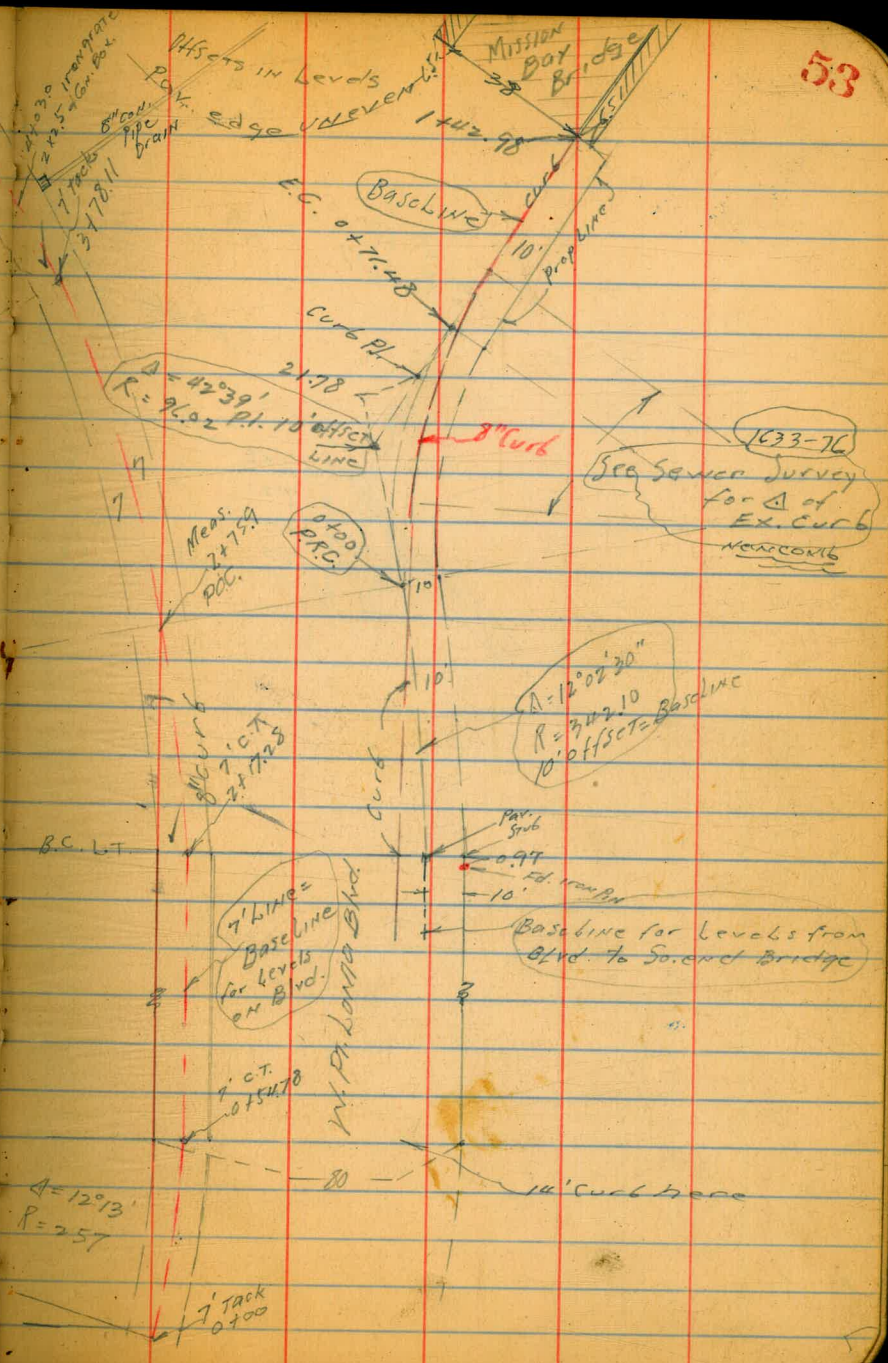
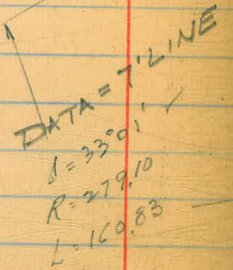
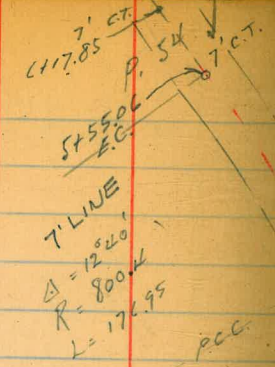
52

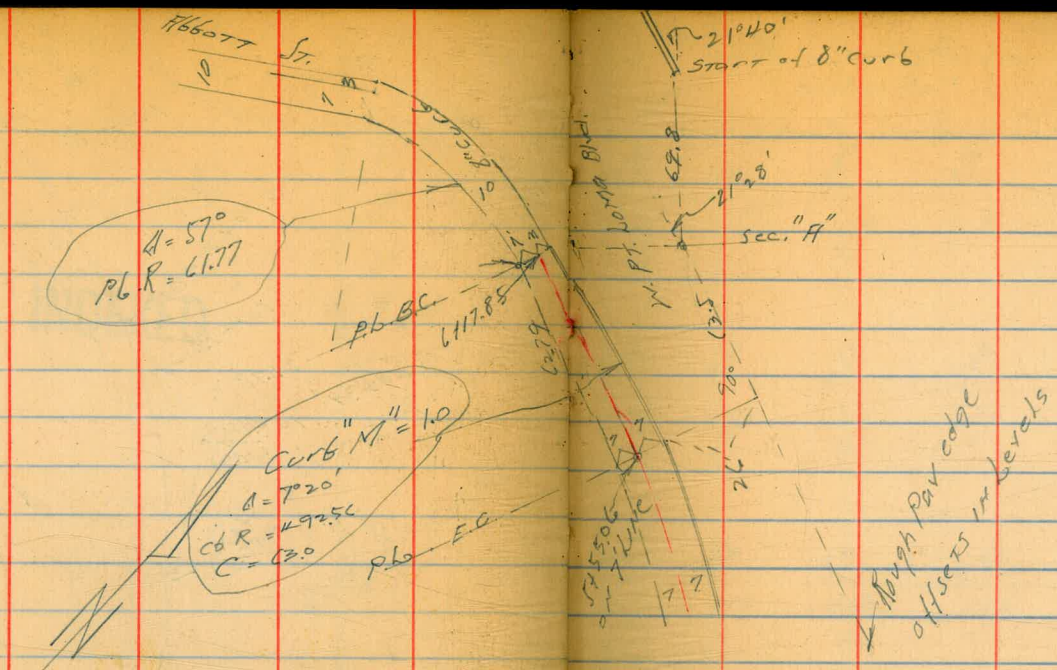
INDEXED

Curb & Paving Levels on
W. Pt. Loma Blvd.
Bacon to Abbott

C.M.
C.S.
H.M.
E.B.
8-2-44.

INDEXED





Sly 7 Line of Blvd
= Baseline

Pat Levels W.P. Loma Blvd, Bacon Nly

1 + 25

1 + 00

0 + 80

0 + 54.78

0 + 27.29

0 + 0 Radial with Sls Blvd.

NEBP

6.40

10.94

6.54

W.P. Loma Blvd.
+ Bacon

Elev. Reduced 8-10-1944 C.B.F.

Indexed
c.s.M.

Pt. or NEly

55

4.74	4.12	4.46	4.76	4.52	4.14	4.18
6.20	6.20	6.48	6.18	6.44	6.80	6.06
7	7	1/4	C	1/4	59	59
66	97	1/4	C	1/4	97	66

5.07	4.46	4.81	5.08	4.87	4.47	5.20
5.87	6.48	6.13	5.86	6.07	6.47	5.74
7	7	1/4	C	1/4	59	59
8	97	1/4	C	1/4	97	66

5.42	4.76	5.11	5.35	5.11	4.76	5.42
5.54	6.18	5.83	5.59	5.83	6.18	5.52
7	7	1/4	C	1/4	59	59
66	97	1/4	C	1/4	97	66

5.89	5.21	5.45	5.70	5.40	5.05	
5.05	5.73	5.49	5.24	5.54	5.89	
7	7	1/4	C	1/4	58.8	
66	97	1/4	C	1/4	97	LINE

5.53	5.90	6.08	5.88	5.47	6.17
5.41	5.04	4.86	5.06	5.47	4.77
7	1/4	C	1/4	58.6	58.6
66	1/4	C	1/4	97	66

6.57	5.83	6.23	6.40	6.29	5.82
4.37	5.11	4.71	4.54	4.65	5.17
64	6.4	1/4	C	1/4	58
66	97	1/4	C	1/4	97

ON RETURN

10.94

Sly 7' Line Blvd.
Base Line

56

2 + 50

2 + 25

N.L. BC.

T.P. Pav. Sub 3.52 7.17 7.29 3.65

2 + 17.28 BC. LT.

2 + 00

59
-7
52 Rdy
14' cbs
80' wide

1 + 75

1 + 50

10.94

R.

2.91	2.27	2.69	2.81	2.56	2.28	3.07
4.26	4.90	4.48	4.36	4.61	4.89	4.10
7	7	14	2	14	113	213
66	97				97	66
3.22	2.65	3.06	3.24	2.97	2.65	3.22
3.95	4.52	4.11	3.93	4.20	4.52	3.75
67	97	14	2	14	57	59
					97	66
3.30	2.77	3.17	3.39	3.17	2.79	3.46
7.64	8.17	7.77	7.55	7.77	8.15	7.48
7	7	14	2	14	97	59
66	97					66
3.63	3.03	3.45	3.63	3.42	3.03	3.67
7.31	7.91	7.49	7.31	7.52	7.91	7.27
7	7	14	2	14	59	59
66	97				97	66
4.02	3.91	3.73	3.99	3.79	3.38	
6.92	7.53	7.21	6.95	7.15	7.56	
7	7	14	2	14	59	
66	97				97. in Drive	
4.66	3.82	4.15	4.40	4.22	3.22	4.63
6.34	7.12	6.79	6.54	6.72	7.02	6.31
7	7	14	2	14	59	59
66	97				97	66

10.94

5/4 7' Line
of Blvd = Baseline

4+03. Line of drain outlet
Covered
Rip Pop
2x2.5 Con. Box + iron grate

3+78.11 = P.C.
4+04.13

3+50

3+25

3+00

4+75.9 P.C. on So. + P.R.C. on N = 0+00
for Levels on parking
Blvd. to So. end Bridge
Sketch P. 53

7.17

57

Rt.

1.83	0.21	-1.00	0.94	1.16	1.28	1.29	1.25		
6.14 7 66	4.95 7 97	8.17 7 Fl. 8 drain	6.23 7 c	6.01 7 c	5.89 7 1/4	5.88 7 59	5.90 7 c rippled edge pav.		
1.00	0.50	1.05	1.34	1.46	1.40	1.50	1.83		
6.17 7 66	6.67 7 97	6.12 7 1/4	5.83 7 c	5.71 7 1/4	5.71 7 59 c dr. pav.	5.67 7 73 Dr.	5.34 7 89 rippled edge pav.		
1.42	0.90	1.15	1.41	1.56	1.76	1.93			
5.75 7 66	6.27 7 97	6.02 7 1/4	5.76 7 c	5.61 7 1/4	5.41 7 59 c Pav.	5.24 7 73 N.L. on Pav			
1.80	1.21	1.35	1.40	1.53	1.98	2.14	2.00		
5.37 7 66	5.96 7 97	5.82 7 1/4	5.77 7 c	5.64 7 1/4	5.19 7 59 c Pav.	5.03 7 67 Hump	5.17 7 73 N.L. Pav.		
2.17	1.58	1.83	1.90	2.30	2.41	1.95	1.79	1.75	2.46
5.00 7 66	5.59 7 97	5.34 7 1/4	5.27 7 c	4.87 7 1/4	4.76 7 1/4+4	5.22 7 59 c Pav.	5.38 7 73 N.L. on Pav	5.44 7 74.4 97. c6	4.71 7 74.4 c6
2.54	1.89	2.29	2.53	2.15	1.97	2.14			
4.03 7 66	5.30 7 97	4.88 7 1/4	4.64 7 c	5.02 7 1/4	5.20 7 66 c 97	5.03 7 66 c 6 1/4 drive			

7.17

Sly T. Line of Blvd - B. L. →

Rt.

5+55.00 EC

1.75	1.27	1.72	1.69
$\frac{5.32}{7}$	$\frac{5.80}{7}$	$\frac{5.35}{20}$	$\frac{5.38}{33}$ edge par
06	97		

5+25

1.59	1.10	1.51	1.54	1.58
$\frac{5.48}{7}$	$\frac{5.97}{7}$	$\frac{5.50}{20}$	$\frac{5.53}{33}$	$\frac{5.49}{33}$ edge par
06	97			

T.P. 5.59 7.07 5.69 1.48

5+00

1.53	1.01	1.45	1.43	1.39
$\frac{5.62}{7}$	$\frac{6.11}{7}$	$\frac{5.72}{20}$	$\frac{5.74}{33}$	$\frac{5.78}{37}$ edge par
06				

4+75

1.35	0.85	1.29	1.34	1.31
$\frac{5.82}{7}$	$\frac{6.32}{7}$	$\frac{5.88}{20}$	$\frac{5.83}{33}$	$\frac{5.80}{41}$ edge par
06	97			

4+50

1.24	0.74	1.16	1.30	1.26
$\frac{5.93}{7}$	$\frac{6.43}{7}$	$\frac{6.01}{20}$	$\frac{5.87}{33}$	$\frac{5.91}{46}$ edge par
06	97			

4+25

1.11	0.56	1.04	1.04	1.34	1.20
$\frac{6.06}{7}$	$\frac{6.61}{7}$	$\frac{6.13}{20}$	$\frac{6.13}{33}$	$\frac{5.83}{46}$	$\frac{5.97}{53}$ ragged edge par.
06	97				

7.17

7.17

By 7' Line of
W. Pt. Lanna = Baseline

check to BM 13P in S. c6 Blvd.
NE Con Supper Club
1.84

5.24 1.83

L + 17.85 B.C. LT. = Sec "A" to angle pt. 2128'
N. edge Pav.

5 + 86.46 See sketch p. 54

7.07

1.95	1.50	2.17	2.16
<u>5.14</u>	<u>5.57</u>	<u>4.90</u>	<u>4.91</u>
3	3	20	33 angle
c6	97.		edge Pav.

1.82	1.37	1.9A	1.99
<u>5.25</u>	<u>5.70</u>	<u>5.13</u>	<u>5.08</u>
c	c	20	33 Pav
c6	97		edge

7.07

118

indexed
c.s.K.

Prov. Levels from W.P. Loma Blvd.
to Se. end Mission Bridge

1+47.98 = Se. end Mission Bridge Sketch P. 53

1+19.08

0+95.8

0+71.48 E.C. 10' out from prop. line E.C.

0+53.61

0+35.74

Curve in 4 eq. parts

0+17.87

P.R.C. on N = 0+00 on 10' offset line (= 2+17.9 P.O.C. other side W.P.L.)

B.M. B.P. Corb
NE. Cor. Supper Club

5.49

7.37

1.83

over

10' offset line
baseline

69

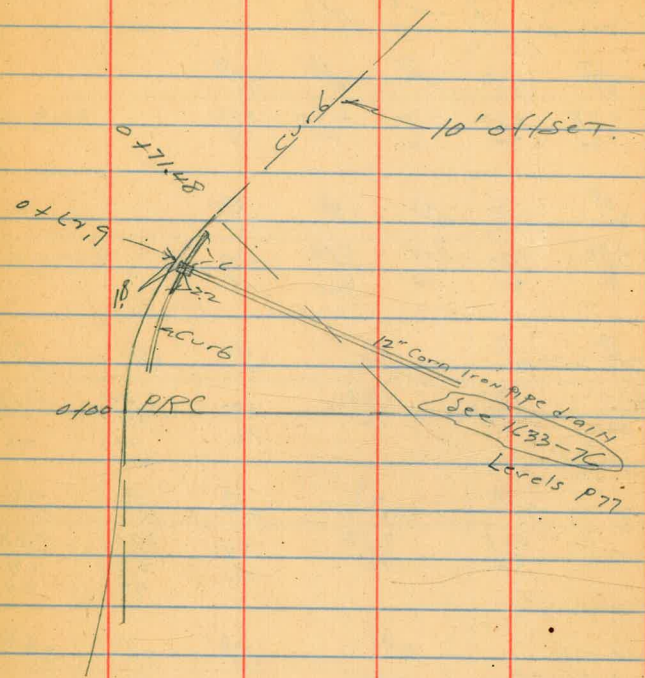
Top Guard Rail	LT.						RT
4.07 3.25 38	3.03 4.29 38	3.07 4.25 28.5	3.11 4.21 19	3.09 4.23 19.5	3.03 4.29 19.7	3.16 3.86 C&K end	4.10 3.72 0.10 Top Guard Rail
2.29 5.03 45	2.47 4.85 40	2.74 4.58 30	2.78 4.54 20	2.62 4.70 10	2.40 4.92 97	3.00 4.72 06	
1.90 5.42 50	2.25 5.07 40	2.44 4.88 30	2.40 4.92 20	2.21 5.11 10	1.84 5.48 907	2.53 4.79 06	
	2.08 5.24 30	2.12 5.20 20	1.99 5.53 10	1.92 5.80 94	1.50 5.82 97	2.27 5.05 0.9 06	
		2.14 5.18 20	1.77 5.55 10	1.69 5.73 94	1.52 5.80 97	2.34 4.98 2.8 06	
			2.02 5.30 10	1.79 5.53 94	1.72 5.60 45 97	2.42 4.90 4.5 06	
			1.99 5.33 10	1.87 5.45 94	1.83 5.49 5.5 97	2.55 4.77 5.5 06	
			2.09 5.23 10	1.99 5.33 94	1.97 5.35 3.5 97	2.14 5.18 3.5 06	mdrive

Some of these
left shots overlap
The Levels taken
The Blvd.

7.37

B.L.

1.8 21
23



2100 on deck bridge

1760 on deck bridge

7.32

LT.

10' offset
Baselines

61

371	372	372	366	366
361	360	360	366	366
38	385	19	95	366

376	329	329	328	327
406	403	403	404	405
38	285	19	95	

7.32

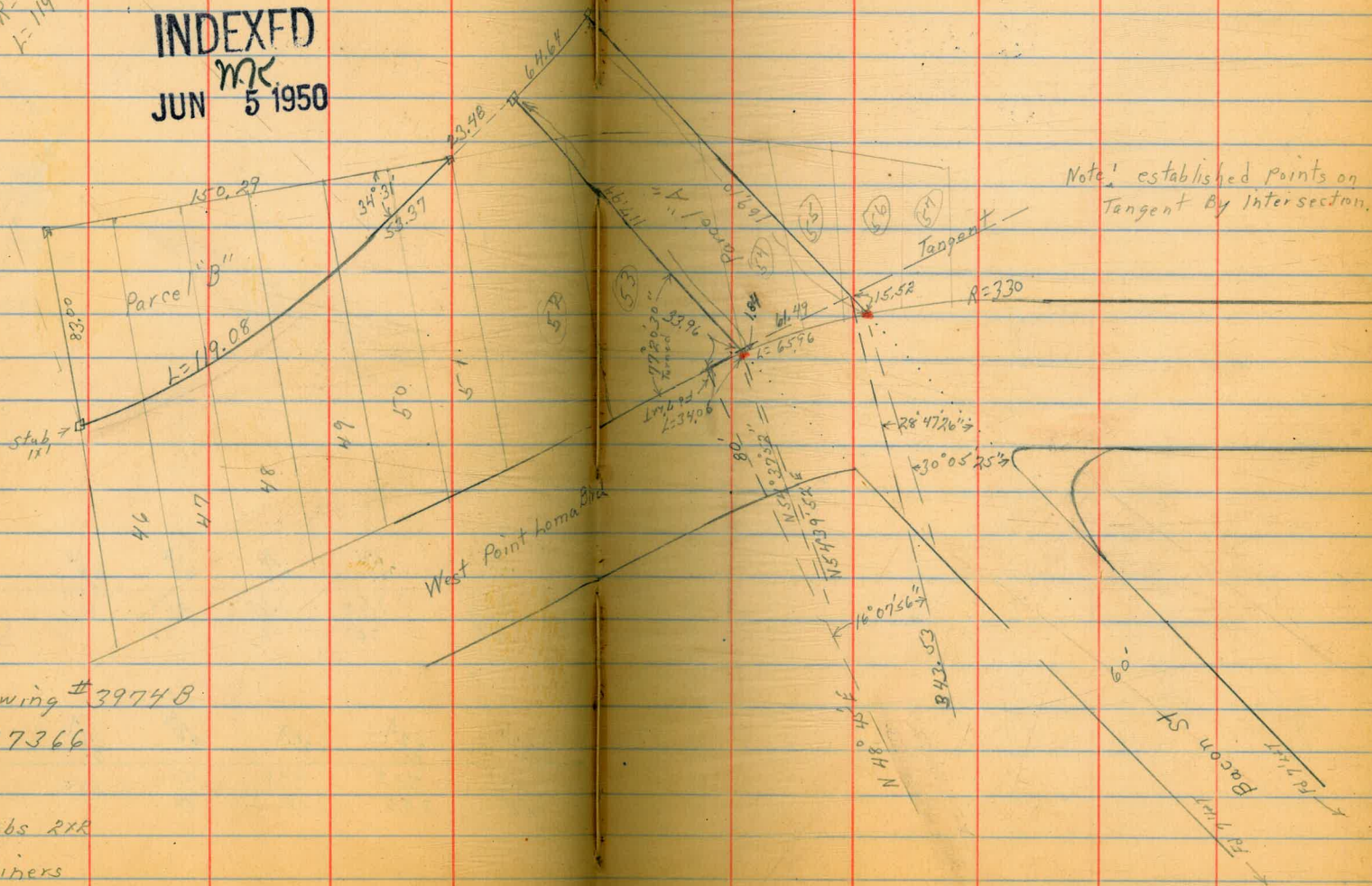
D. Smith
 E. Gregory
 K. Sherman
 G. Cota.

Lay out Parcels "A" & "B" and Flag
 for Planning Dept.

6/1/50
 WO # 27366

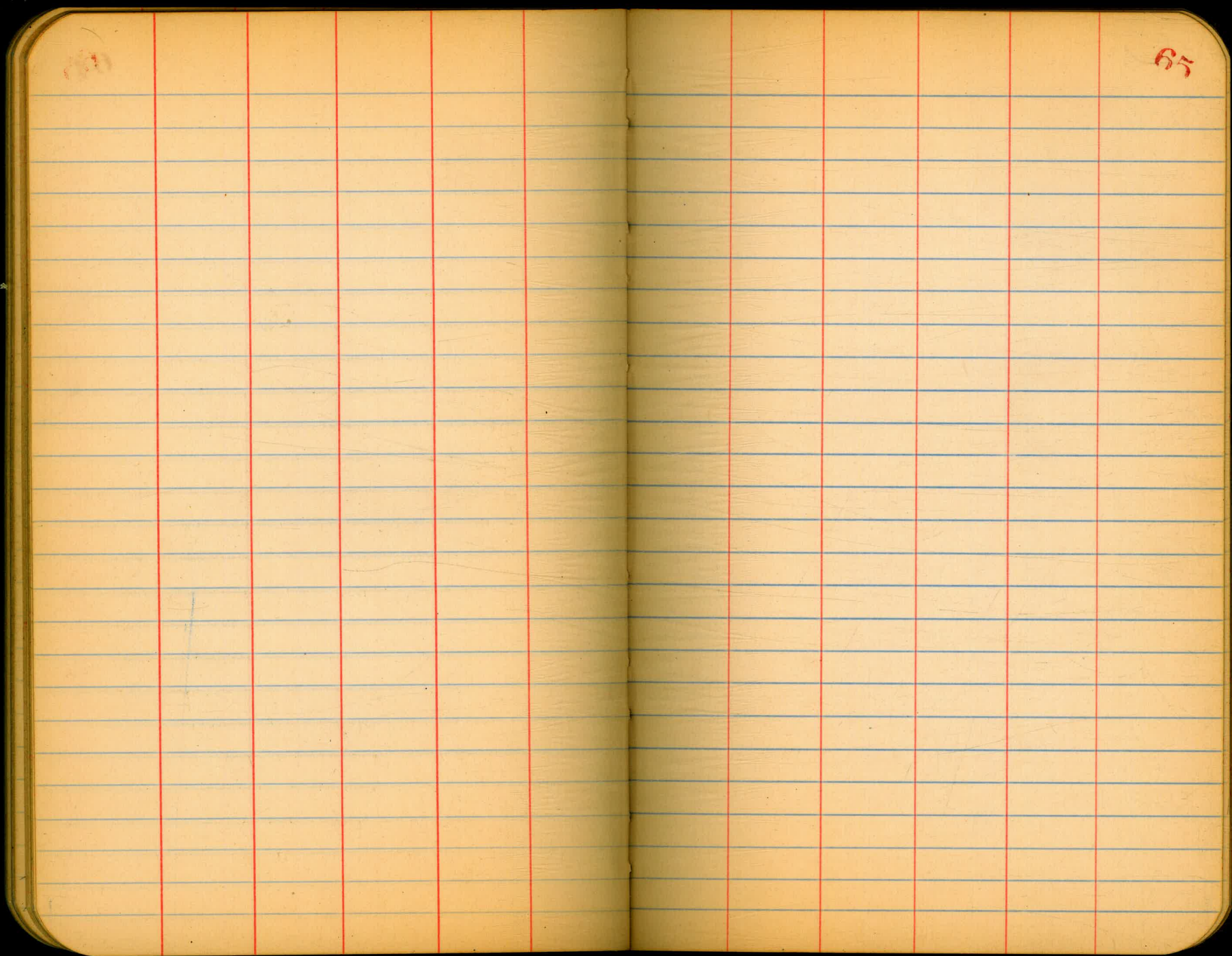
A = 16° 15'
 R = 419.88
 L = 119.88

INDEXED
 MK
 JUN 5 1950



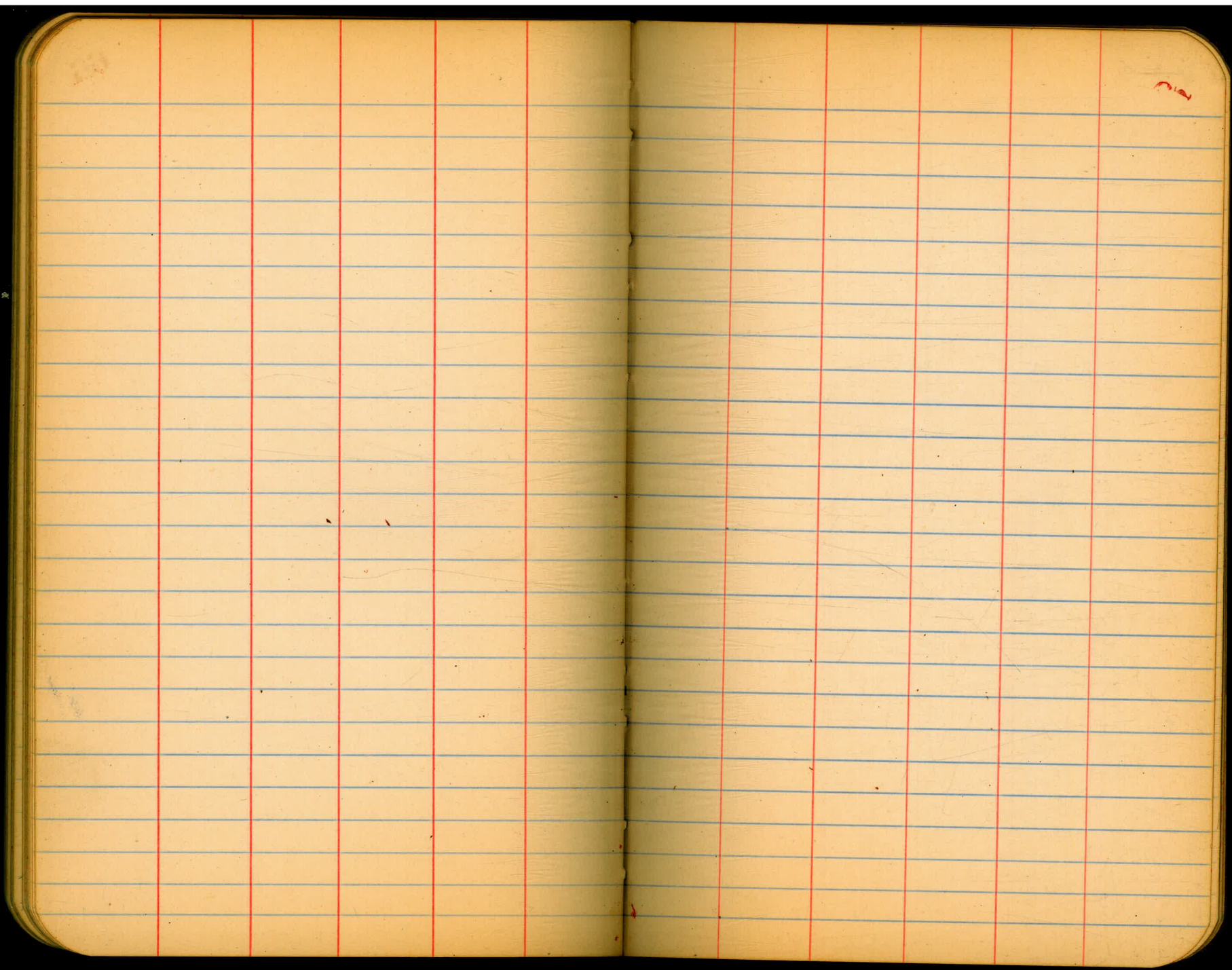
Ref: Drawing # 39748
 WO # 27366

- Set Hubs 2x8
- Set Shiners



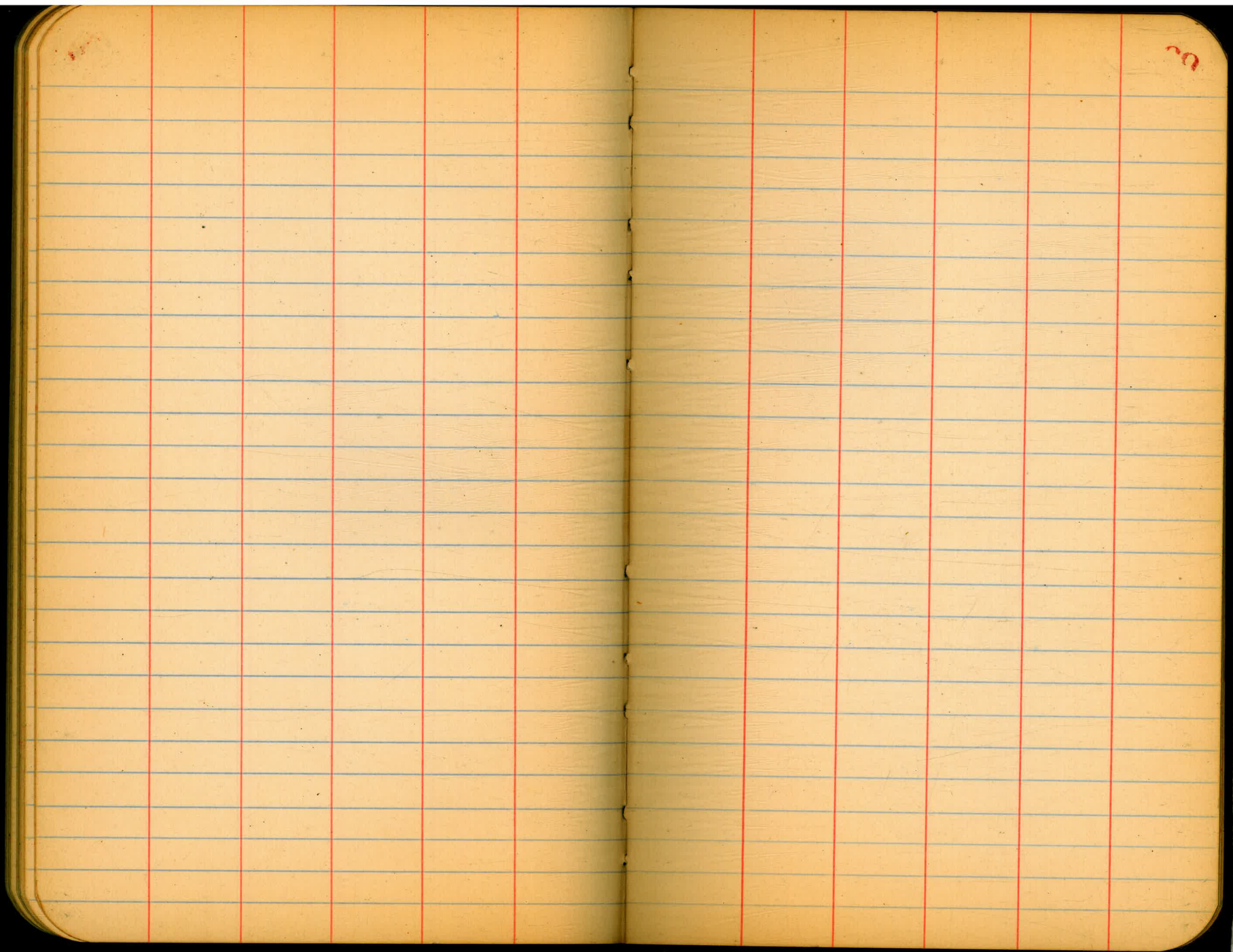
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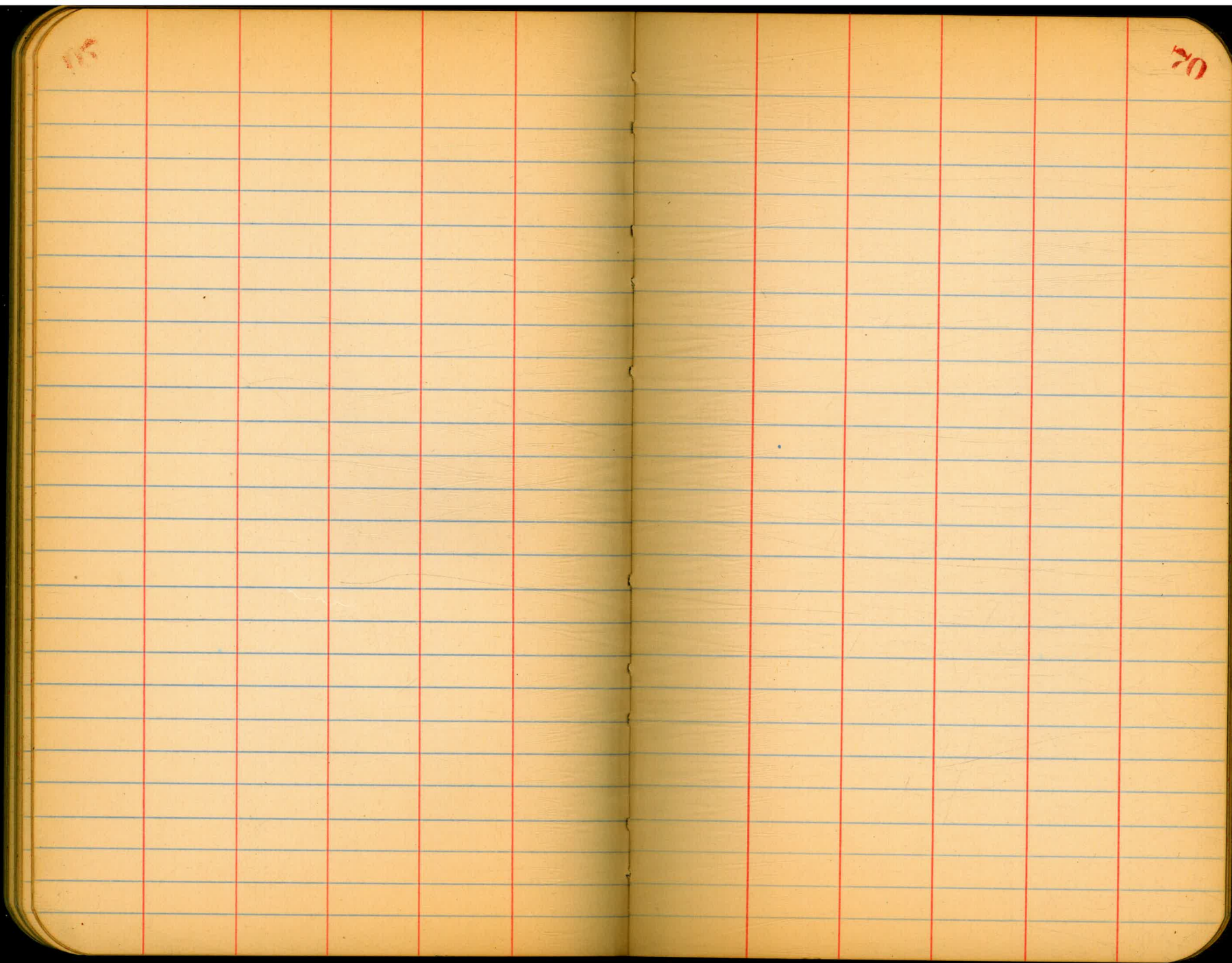
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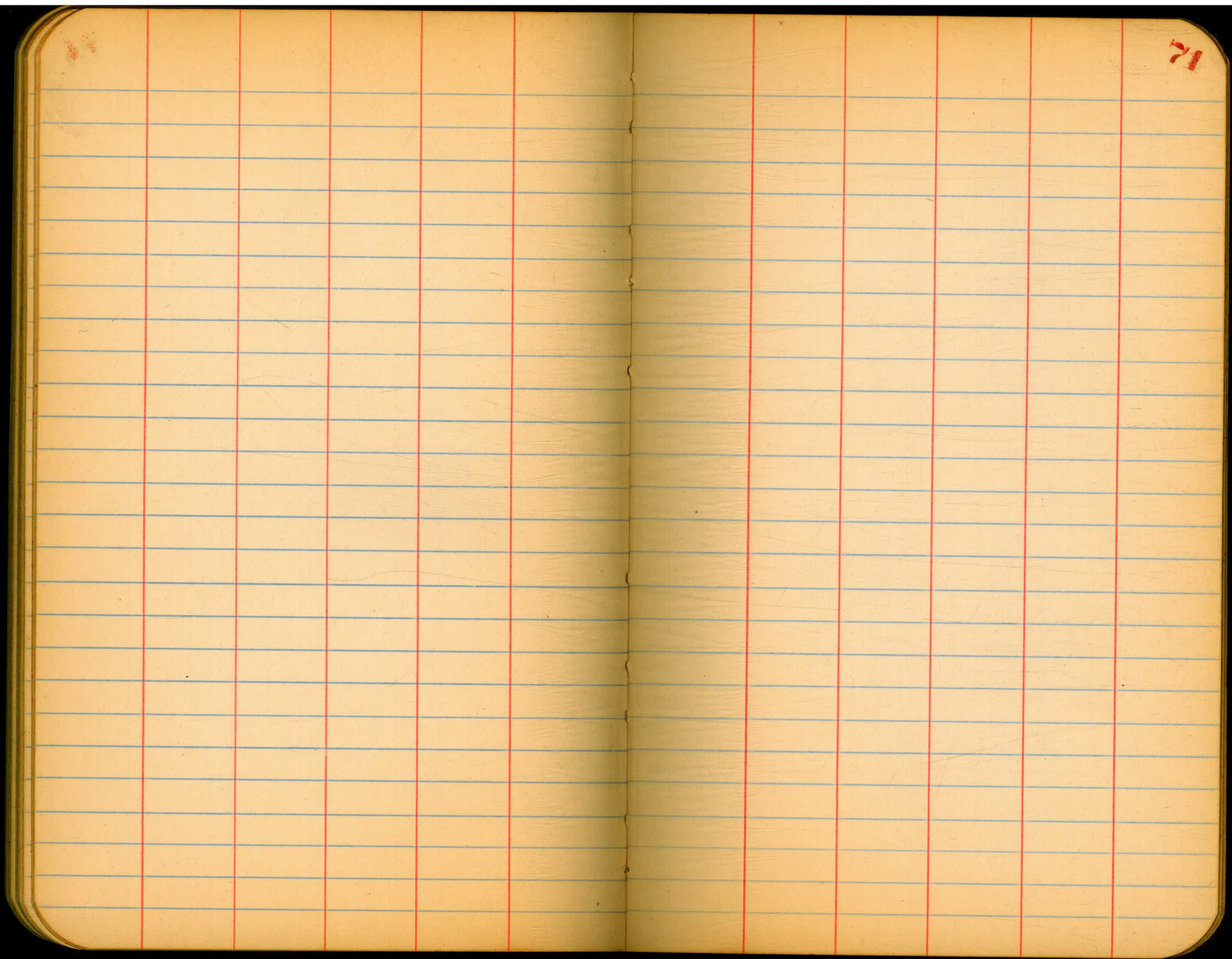


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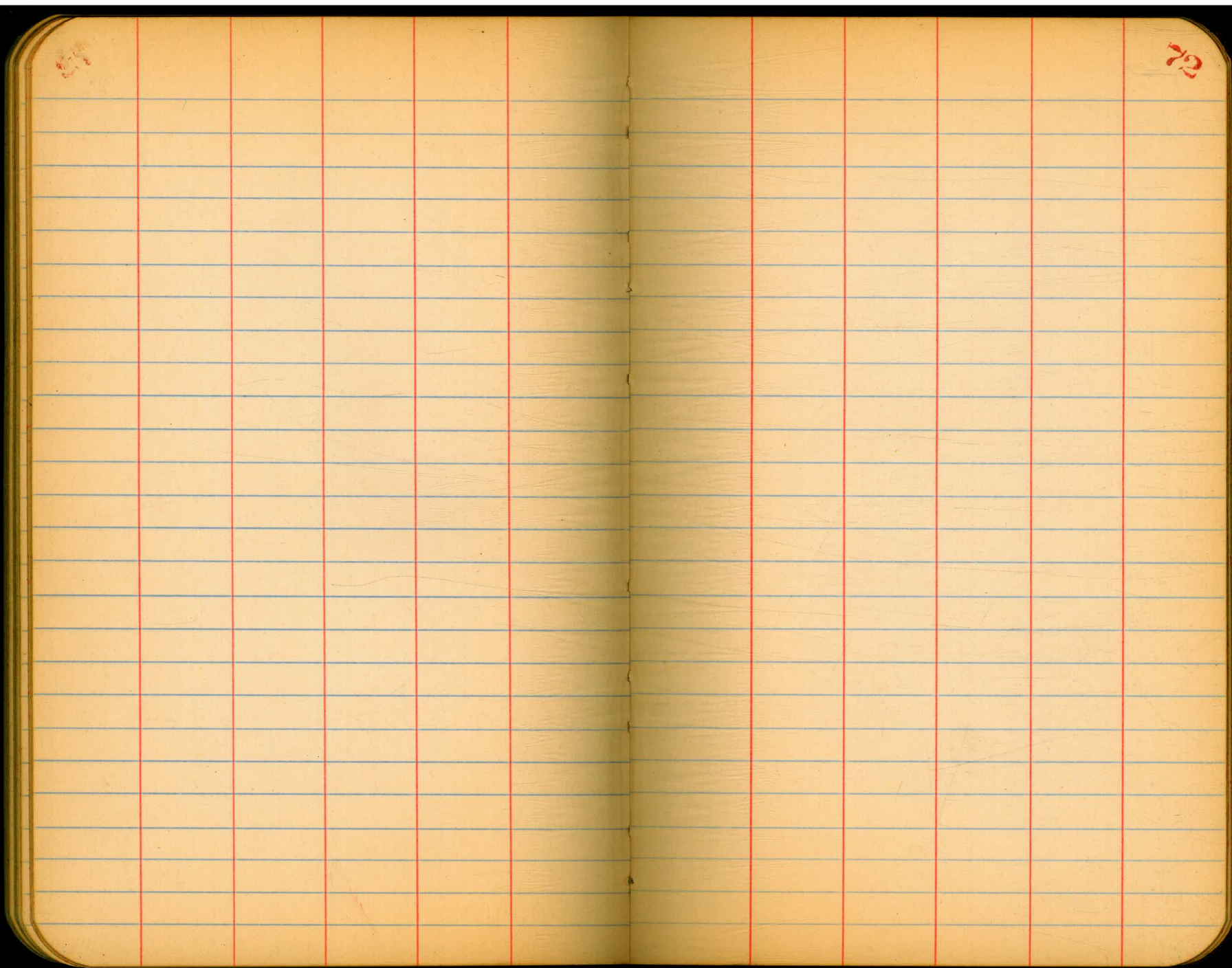
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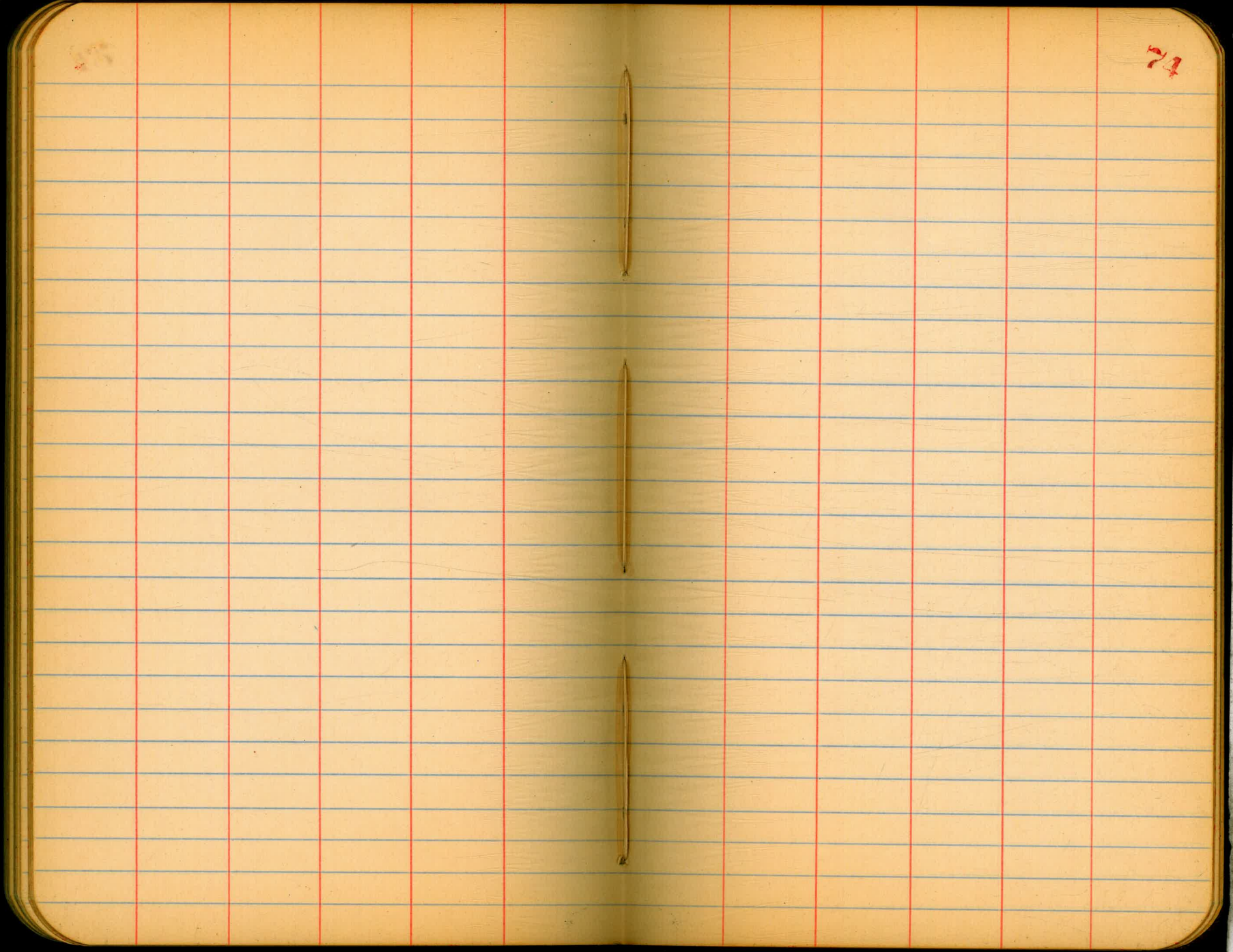


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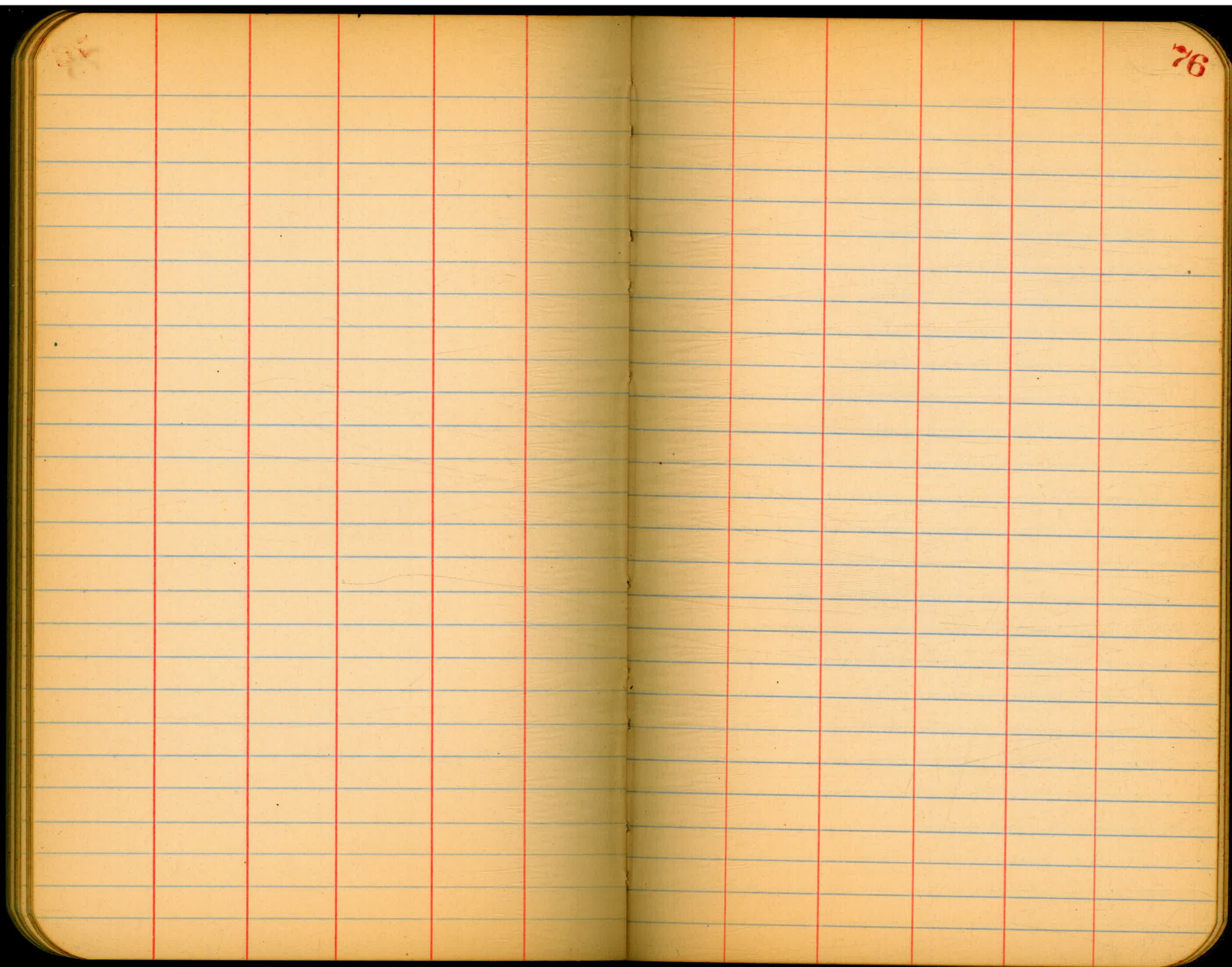
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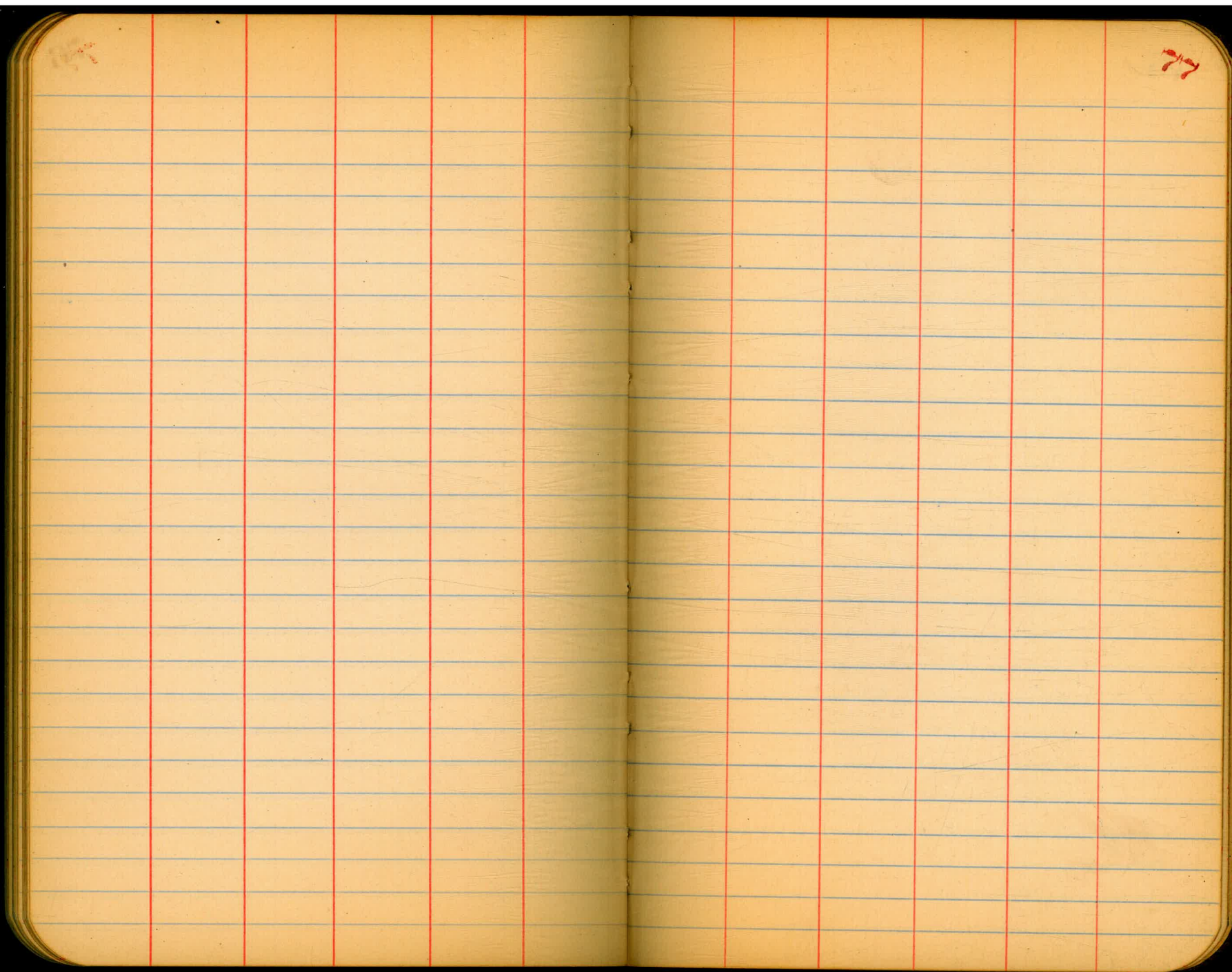


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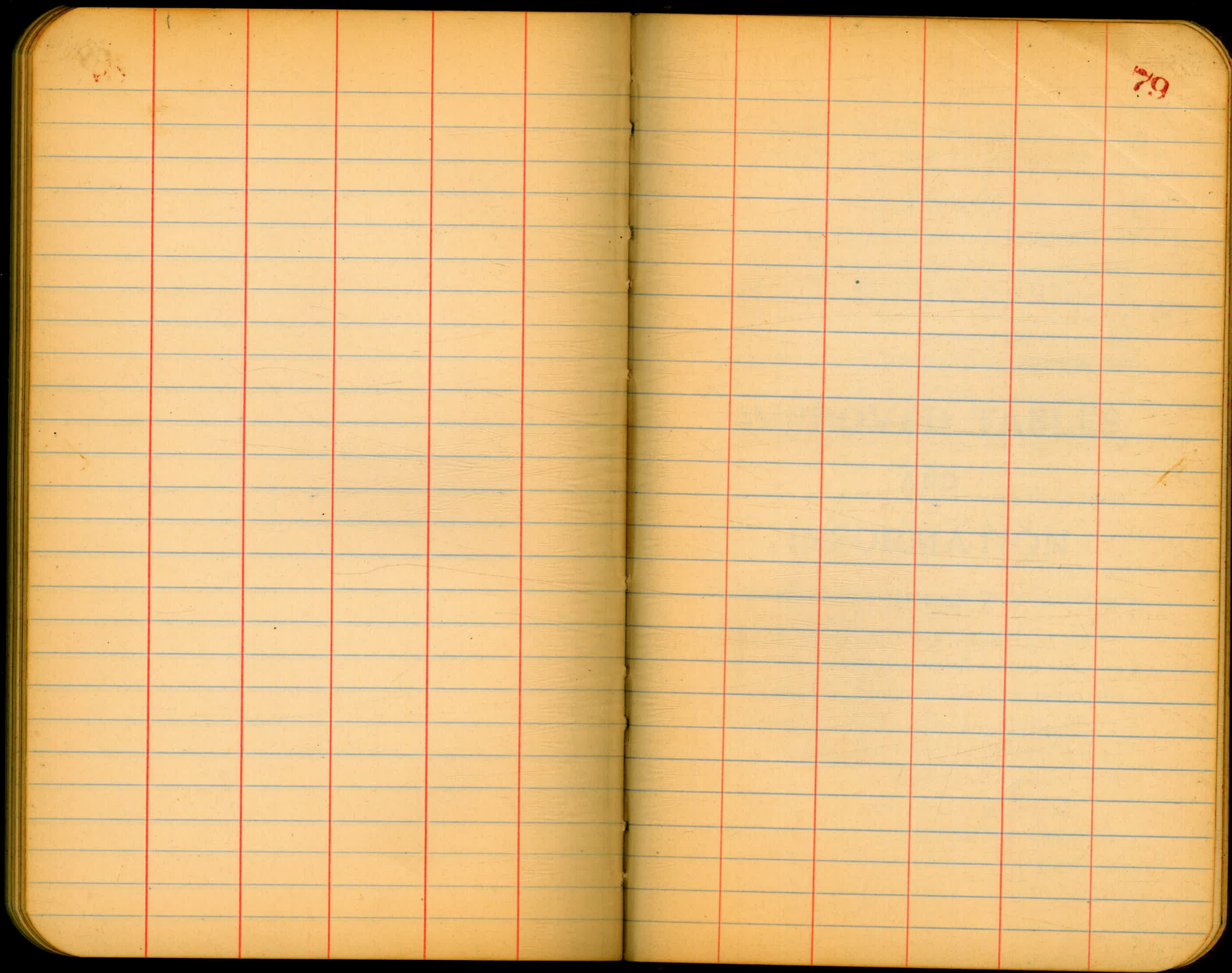


76



87

88



4898
 37530
 47428
 17960
 2416
 25441

60
 35
 00
 00
 10
 18

FB. 1369 - 64 - 1
 Long & Mkt. Top H. pl. 17013
 Brooklyn & 60th - Ld & Tacks
 L " W 110' Line 60th 23447
 Winderlin & 60th 27434
 Buck . SEBP. 28213

- C.T. Ld W 110' Line 60th

179 59 60
 117 05 30
 62 44 30
 179 60
 65 08

4996
 30 36 30
 17057
 3208 30
 5036 30

27
 10 8
 30
 167

ENGINEERING DEPARTMENT
 CITY OF DIEGO.
 CALIFORNIA.

1252
 116
 1368
 130
 36
 197
 26
 68
 71
 61
 90
 48
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