

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

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

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

PAGES

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1-6	X-SEC. PROPOSED STORM DRAIN SAN ELIJO-ROSECRANS ALONG NLY SIDE OF MILITARY RES. BDY LINE
8-10	extension exist drain Electric Nly of opal.
11-16	drain survey Vista ST area
17-31	drain survey 52 ND ST, Kalmia ST, Pirette
32-	" " Lot 320 Talmadge Park unit 2
33	" " College Manor -

INDEXED

MAY 4 1953

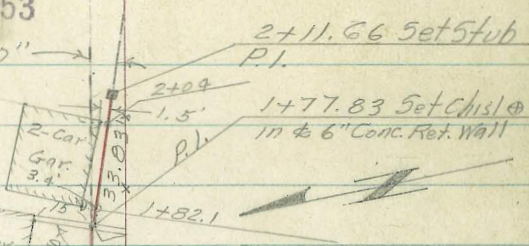
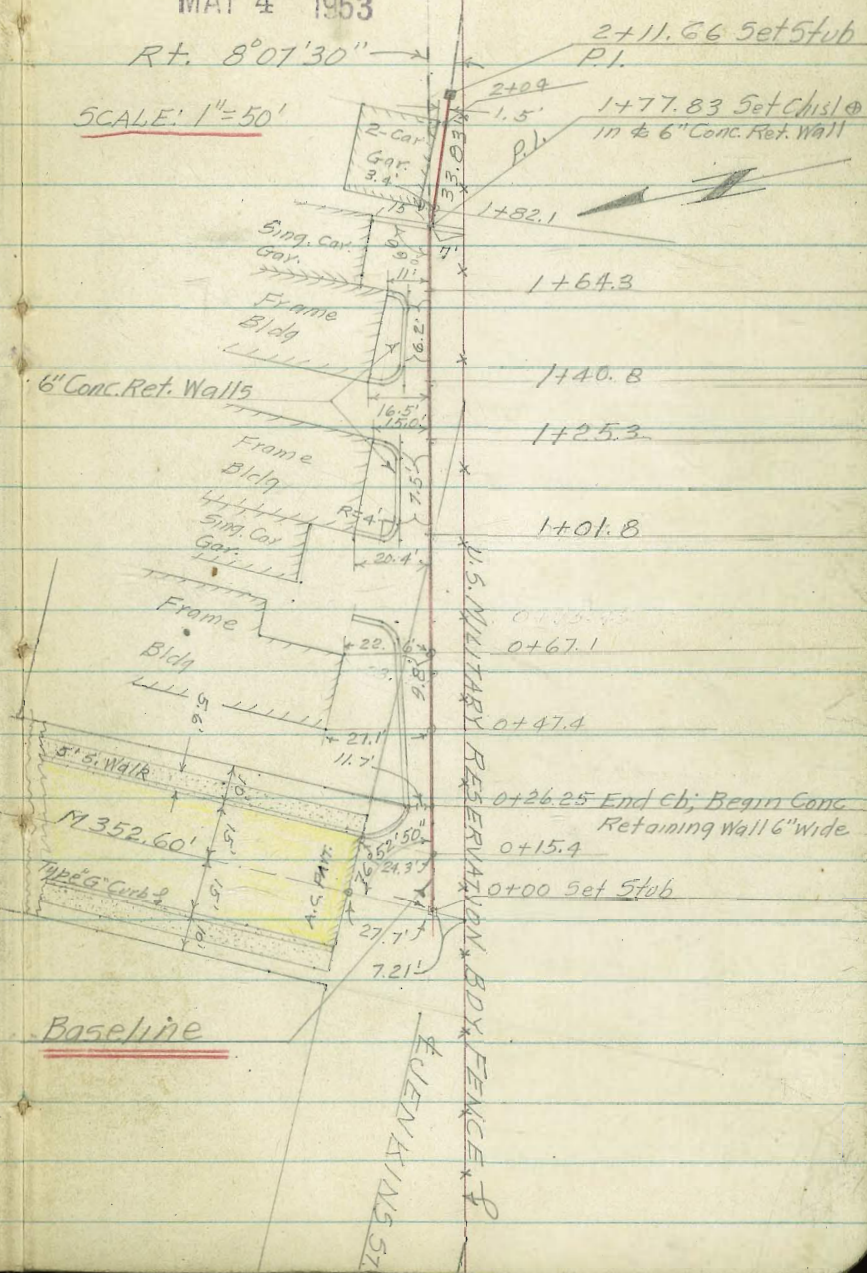
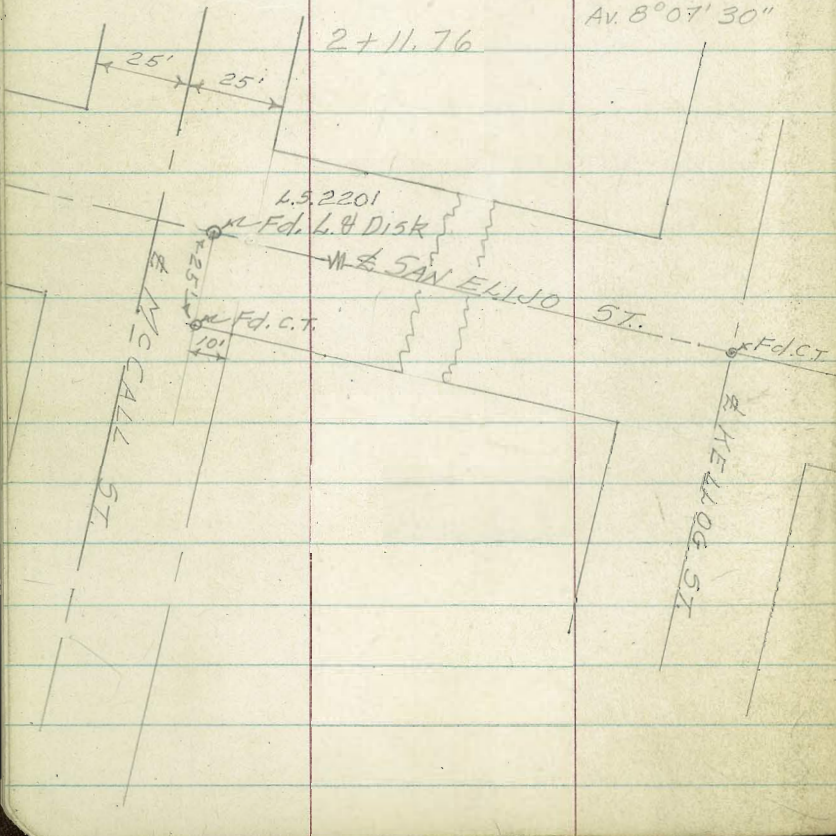
4-30-53 T. Stamper

LOCATION OF PROPOSED STORM DRAIN
ALONG U.S. MILITARY RESERVATION
FROM SAN ELIJO & JENKINS TO
ROSECRANS ST. W.O. 21109

Rt. $8^{\circ}07'30''$

SCALE: $1''=50'$

Sta.	Object	Angle
		$\textcircled{1} 8^{\circ}07'30''$
1+77.83	Def Rt. \curvearrowright	$\textcircled{2} 16^{\circ}15'$
		Av. $8^{\circ}07'30''$



U.S. MILITARY RESERVATION BOX FENCE

Baseline

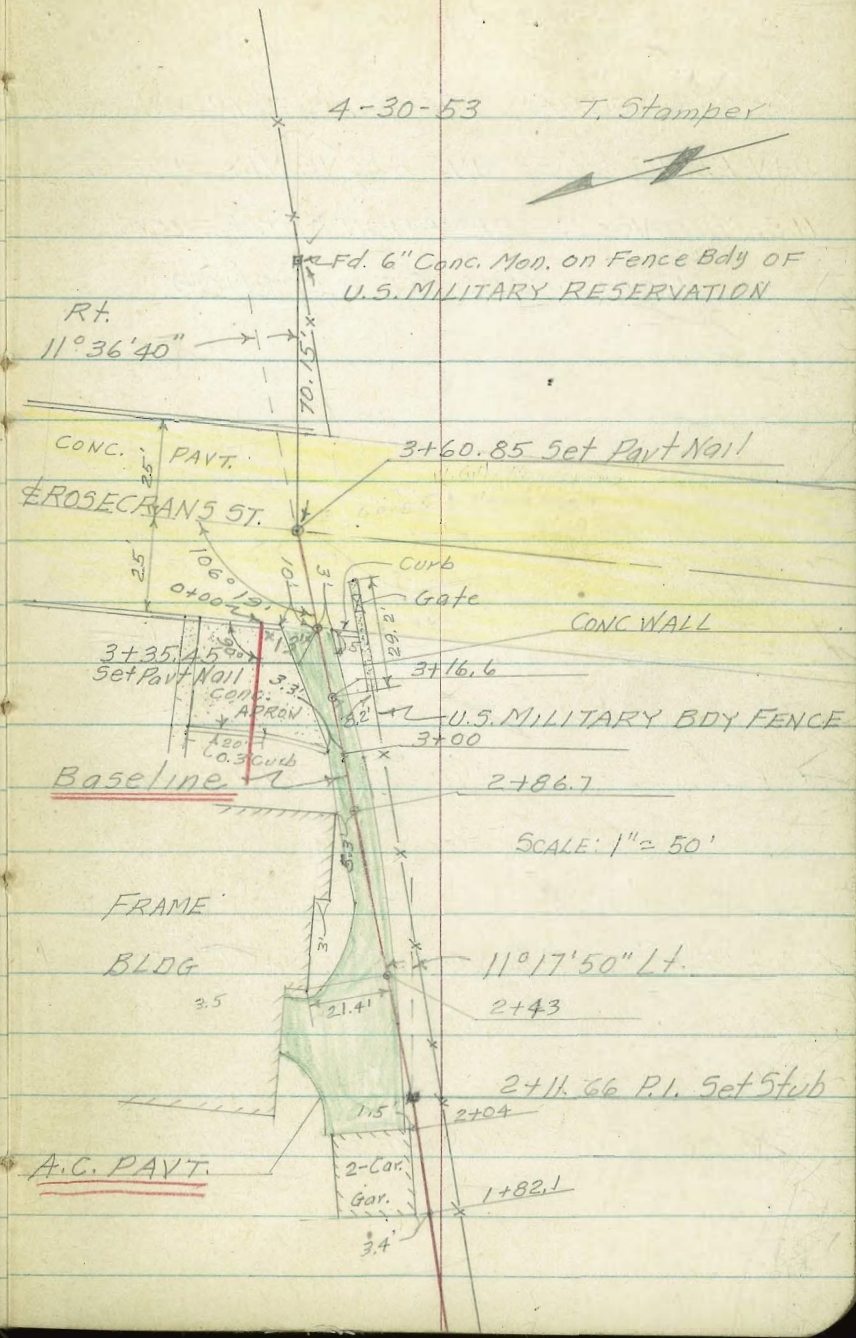
PROPOSED STORM DRAIN CONTD

4-30-53

T. Stamper



sta	object	Angle
	⌵	1. 11° 18'
2+11.66	Def Lt. ↘	2. 22° 35' 40"
3+60.85		AV. 11° 17' 50"
2+11.66		
3+60.85	Rt. ↘	1. 106° 19'
	⊥ Rosecrans to North	2. 212° 38'
		AV. 106° 19'
2+11.66		1. 11° 36' 40"
3+60.85	Def Rt. ↘	2. 23° 13' 20"
	Bdy Mon. 70.15	AV. 11° 36' 40"
2+11.66		
3+60.85	Def Rt. ↘	27° 30' 40"
	Lgt Ecb @ Bdy Fence 25.03	



T. Stamper
J. Huffman
R. Shorey
A. Sherry

CROSS SECTIONS OF PROPOSED DRAIN FROM
SAN ELIJO & JENKINS ALONG NLY. SIDE OF
U.S. MILITARY RESERVATION BDY. FENCE TO
ROSECRANS ST. W.O. 21109

Ref F.B. 5-1-53

2029

Lt. & Rt.

NOTE: Sections Taken With Direct Reading Rod

Sta.

1+00

52.7 52.1 51.5 51.4
31 8 0 7
@ Govt. (Dir.) @ Bdy Fence
Begin Open Ditch

0+50

55.44 54.8 54.2 54.5
10 10 0 7
Top Ret. Wall @ Bdy Fence

0+34 & 1' x 1.5' H₂O METER BOX 8' LT.

55.12
8

0+26.25 SEC @ END CB; BEG. RET. WALL

Toptho. 57.02 55.9 55.4 55.7 56.6
Water Box 11.7 11.7 4 0 7
cb. Gut. @ Bdy Fence

0+15.4 SEC. ALONG E. GUT. SAN ELIJO

57.44 56.92 57.2 56.69 57.09 56.53 56.4 56.8
100 100 50 50 23.4 23.4 120 7
cb Gut cb Gut cb Gut @ Bdy Fence

0+00 SEC. ALONG & SAN ELIJO (see sketch)

57.66 57.37 57.31 57.2 57.8 57.9
100 50 27.7 5 0 7
Top Stub Edge Part. @ Bdy Fence

T.P. 0+00

57.80

Top Stub

B.M.

59.65 ²⁰²⁹/₅₇

S.W. B.P. SAN ELIJO & KELLOG

X- SEC'S. PROPOSED DRAIN CONTD.

5-1-53

4

Sta.

Lt.

±

Rt.

1+96.4 2-6" DIA EUCALYPTUS TREES 1.5' RT ±

1+89 1' DIA EUCALYPTUS 2.3' RT.

1+82.1

47.5	47.5	47.5
3.4	0	6.5
@ Cor		@ Bdy Fence
@ Garage		

1+80.5 EUCALYPTUS 1.5' DIA 2.5' RT. ±

1+78.1

47.4	47.8	47.9	48.1
15	0	5	7

1+77.83 SEC. ALONG ± TOP CONC. RET. WALL

48.30	48.91	48.77
48.8	0	7
Top Conc.	Top Conc.	@ Bdy Fence
Ret Wall	Ret Wall	
@ Garage	2' To Bot.	Top Conc. Ret
	of F79	Wall

1+77.6

48.98	48.8	48.6	48.5	47.8	48.1
15	15	0	3	5	7
Top Conc.	Ground	Dirt		±	@ Bdy
Floor @	@ Garage			Ditch	
Garage					

1+50

50.20	49.6	49.1	48.6	49.6
6	6	0	5.5	6.5
			7	

TR. EAST COR. TOP BOT. STEP

52.41

Top Conc.		±	@ Bdy Fence
Porch		1.5'	
		Ditch	

@ HOUSE # 307 JENKINS ST.

X-SEC'S, PROPOSED DRAIN CONT'D.

5-1-53

Sta.		Lt.	¢	Rt.
2+50		43.37 8 A.C.	43.31 0 A.C.	43.16 2 Edge A.C. 4.5 @ Bdy Fence
2+30	INTERSECTION B.L. & A.C. PAVT.	44.74 19 A.C.	44.25 0 OD A.C. Pavt.	44.7 3.5 @ Bdy Fence
P.I. & P.T.				
2+11.66	SEC. ON SPLIT L	45.58 24 A.C.	45.45 3 Edge A.C. Pavt.	45.3 0 2.2 @ Bdy Fence
2+08	3" EUGENIA 0.4' LT. TO ¢			
2+04	END 2-CAR GARAGE 1.5' LT. TO COR			
			45.7 1.5 @ Cor 2-Car. Gar.	45.9 0 3 @ Bdy F
T.P. TOP STUB @ R		45.35		
P+00			46.0 1.8 @ Garage	46.0 0 4 @ Bdy Fence

X-SEC'S PROPOSED DRAIN CONTD

5-1-53

Sta.

B.M.

33.54 ~ 33.60

N.E. B.P. Rosecrans & Kellogg

B.M.

35.44

1944
Top of Std. Disk U.S.C. & G.S. Mon. J 722 19.6' E of
E. Cb. Rosecrans @ U.S. Reservation Nly. Bdy.

3+60.85 SEC. ALONG E. ROSECRANS ST.

34.91 35.20 35.49 35.55
100 50 0 10

(See sketch)

3+35.45 SEC. ALONG WEST GUT. ROSECRANS ST.

35.99 34.88 35.76 34.94 35.85 35.06 35.11 35.12 35.96 35.25 36.02
100 100 50 50 11 10 0 3 3 10 10
Cb. Gut cb Gut cb Gut Gut cb Gut cb
@ Bdy Fence

3+29.4

36.80 36.20 35.97 35.83 36.17 36.3
14 7.0 0 3.4 3.4 9.4
on Conc. Edge Conc. Gut cb.
Apron Apron

TR
3+00

39.58

39.83 39.62 39.58 39.42 39.5
4.5 3.5 0 .5 7.5
Top Conc. Edge AC. A.C. Edge @ Bdy Fence
Curb Begin Conc Pavt AC.

ADDITIONAL PROFILE FOR PROPOSED

6-17-53

①
 ■ Stamper
 ✕ Huffman
 ✕ Sherry

STORM DRAIN W.O. 21109

0+00 = WLY GUTTER ROSECRANS & 13'

NLY OF ORIGINAL B.L. (see sketch)

Sta.	Elev	
B.M.	35.44	
0+49 ⁵	41.0	Ground @ Wly Edge Bldg
0+42	40.3	Ground
0+28 ⁵	38.9	Ground
0+28 ⁵	39.21	Top cb. Back face
0+28 ⁵	38.90	Gut @ face 0.3' cb.
0+25	38.60	On Pavt Apron
0+10	36.89	on Pavt. Apron
0+00	35.80	Top Gb.
0+00	35.08	W. Gut.
B.M.	35.44	See Pg. 6

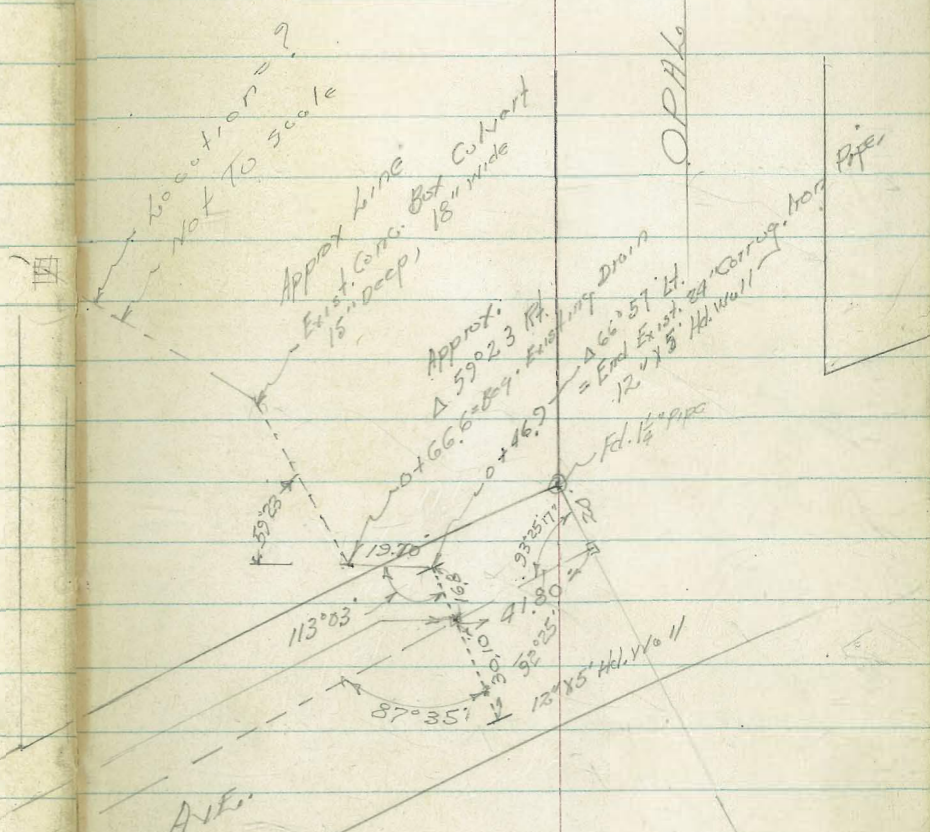
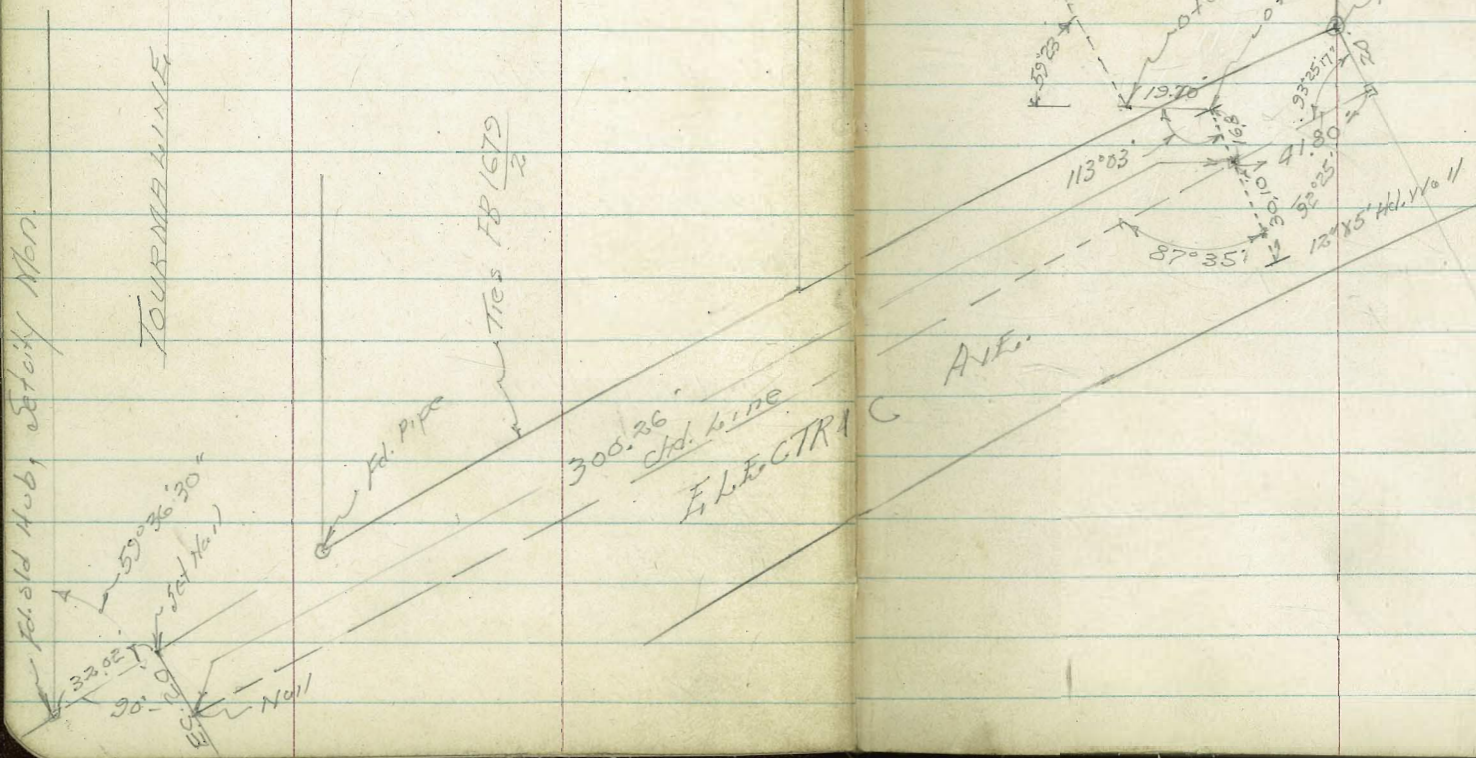
INDEX
SER
OCT 2 1953

PROPOSED EXTENSION
EXISTING DRAIN
ELECTRIC AVE, AND
NLY OF OPAH ST.

Walker
Pope
Patten
Olson
9-30-53

IND 21181 ✓

Levels P. 9



Electric Ave Drain

0+66.6 = Beg. 15" x 18" wide Box Culvert

76.89

11.81
Invert

0+46.9 Alt 66.57 End East 24" Pipe

67.93

70.69

12.85
0
Invert

10.09
on Hd. Wall 12" x 5"

0+38

74.0

6.8

0+09

74.0

6.8

0+00 = Beg. 24" Corrug. Iron Culvert

45.49

67.49

16.24
0
Invert.

13.29
on Hd. Wall 12" Thick x 5"

80.78

TR 415 80.78 1191 76.63

Grating Catch Basin in Alley

76.4

Grote = 11.03

74.03

13.61

87.64

0
Invert
Coul. Box.

TR 0.67 87.64 1177 86.97

0.20 98.74 98.54

R.M. N.Y.C.P. Mission Blvd. And Sapphire St.
E.B. 1837-50

Electric Ave Drain

				<u>0.01</u>
				98.54
Chk. Starting BM		084		98.53
TP	1133	29.37'	036	98.04'
TP	1177	88.40'	415	76.63'
		80.78		

D. Smith
J. Rorer
R. Taylor
B. Fick

New Proposed Vista St Area Storm Drain

WO # 20123

Note: For sketch see FB 1729 pg 45, 46

Lt. Nly

Rt. Sly

6/17/54

INDEXED
JUN 18 1954

0182 23' wooden box inlet (quote property owners)

346.9	340.2	341.5	347.11	347.3	347.4
6' 21"	12' 13"	11' 3"	5' 23"	5' 2"	5' 10"
			wall top		

0466

0455 Begin 8' con block wall on E

346.0	341.6	342.6	347.18	347.0	347.1
7' 18"	11' 10"	10' 13"	5' 05"	6' 20"	5' 10"
			wall top		

0450 6' L & 4" Acacia tree

347.0	346.0	345.4	345.4	346.7	347.4	348.1
6' 18"	7' 10"	4' 11"	7' 4"	6' 7"	5' 7"	4' 14"
			footing			

0425 8' L & 4" Peach tree

347.5	346.7	346.5	347.1	347.6	348.5
5' 18"	6' 10"	6' 2"	5' 6"	5' 6"	4' 10"

0514 Begin 5' wire fence
0404 E Crosses 4' wire fence runs N+S

348.0	347.4	347.4	347.8	349.0
5' 18"	5' 10"	5' 6"	5' 10"	4' 20"

Note: Adjoining property owners wish to fill yards in low areas.

0400

350.0	349.4	348.1	348.5	348.6	352.5
3' 18"	3' 10"	3' 20"	4' 10"	4' 13"	2' 25"
		on Hub			

TP 1 578 352.98 620 347.80

BM TP3 pg 54 FB 1729 354.70 346.97

352.98

1461¹⁵ L. RT 60° 30' taken on cor st wall

349.72
4.24
10
349.01
5.35
10
348.62
5.74
10

1450

349.15
5.23
67
349.0
5.4
60
348.8
5.6
60
348.7
5.7
10

1447 6² RT NE cor House

1442 32 RT & 6" Jackaranda tree

1431 32 RT & 4" tree

348.71
3.65
73
348.7
4.1
6
348.1
6.15
3
348.2
6.2
5.2
6

1425

30 ft end 5 wire fence

1424 6³ LT SE cor garage

TP₂ 6²⁵ 354³⁶ 5⁵⁷ 347⁴¹

348.71
3.59
63
Floor

π 354³⁶

1413⁵ 5² RT NW cor house

1406 6³ LT SW cor garage

347.09
5.89
35
347.2
3.2
12
347.4
5.6
4
347.12
5.8
32
wall
347.4
5.6
347.7
5.13
10

1401 3⁵ LT end 8" con block wall

1400

π 352²⁸

sketch pg 46 FB 1729

Next pg for Van Dyke change alignment

BM start

738 346.98

346.97 ✓

Wly cb Vista St at low pt.

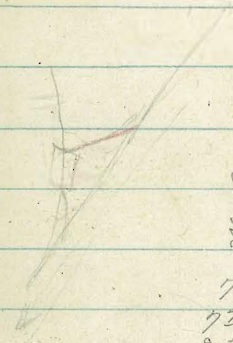
+30.28 Wly @ an h of 55° 54'

2422⁸⁰ E inlet

2402 43 Rt & SMH

2400

1+70²¹ E crosses Wly cb line Vista St.
5' 15" Rt & water Meter Box



346.57	346.76	346.80	346.46	346.88	346.54
72 ¹¹	72 ⁴⁰	72 ⁵⁶	72 ²⁰	72 ⁴⁸	72 ⁸²
9ut	cb	cb	9ut	cb	9ut
10	10	10	10	10	10
345.82	346.68	346.87	346.87		
76 ⁸	76 ⁸	76 ⁸	76 ⁸		
9ut	cb	cb	cb		
341.4	342.39	342.42	347.07		
13 ²⁰	24 ²⁷	12 ²⁴	72 ²⁹		
10	10	10	10		
Nly	Low	Sly	RM		
347.01	347.15	347.02	347.02		
73 ⁵	73 ¹	73 ¹	73 ¹		
10	10	10	10		
348.70	348.74	348.74	348.80		
5 ⁶⁶	5 ²⁰	5 ⁶²	6 ⁶⁹		
9ut	cb	cb	9ut		
10	10	10	10		
347.78			347.78		
6 ⁶⁶			6 ⁶⁶		
9ut			9ut		
10			10		

354³⁶

New Alignment Van Dyke Ave.

LT = Nly

RT = Sly

14

5137

5124 end AC pav.

5100

4+72 8° L+E SMH

Note: enters Nly leaves South Easterly

For
Ch. South
301 FB 1729
57

4+59 75 Line crosses Wly of Line Van Dyke

4+49 75 Line crosses Wly side walk

along walk

old line
4+48 46 New line L = 25° 15' RT

BM FB1729-57

27

336 21

334 31
top of
@ 1158 25 old

336 21

329.6
74

330.49
10
124

331.89
482
10

334.09
10
16R

334.22
10
149
out

335.29
10
42

328.8
79

330.11
60

332.35
436

335.87
10
84

332.91
10
180
out

334.83
10
88

334.91
10
80
out

334.91
10
46

329.8
69

330.43
10
28

332.71
400
10

332.79
10
92

333.91
10
80
out

334.65
10
06

333.5
10
20

333.5
10
20

LT-Nly

RT-Sly

15

6142

310.8
138
15

318.1
65
10

6125

309.6
15°
28

312.7
17°
18

320.6
4°
4

320.8
38°
10

6100

314.8
10
27

327.3
13
9

323.2
14
3

323.2
42°
10

TP

056

324⁶¹

1266

324⁰⁵

324⁶¹

5180

318.4
18
15

325.1
11
5

325.9
10
10

331.0
52°
10

5166

325.8
102
18

328.4
83
13

328.1
86
20

328.8
72
2

328.9
74
10

332.9
38°
10

5150

331.0
52
16

329.6
81
20

327.8
89
10

329.4
73
5

329.6
71
5

333.7
30°
10

336⁷¹

LT-Nly

2

AT-Sly

16

334³¹

BM starting

12⁸ 334³¹

TP₂

12⁵¹ 336⁰⁹ 10⁹ 323⁵²

6475-28

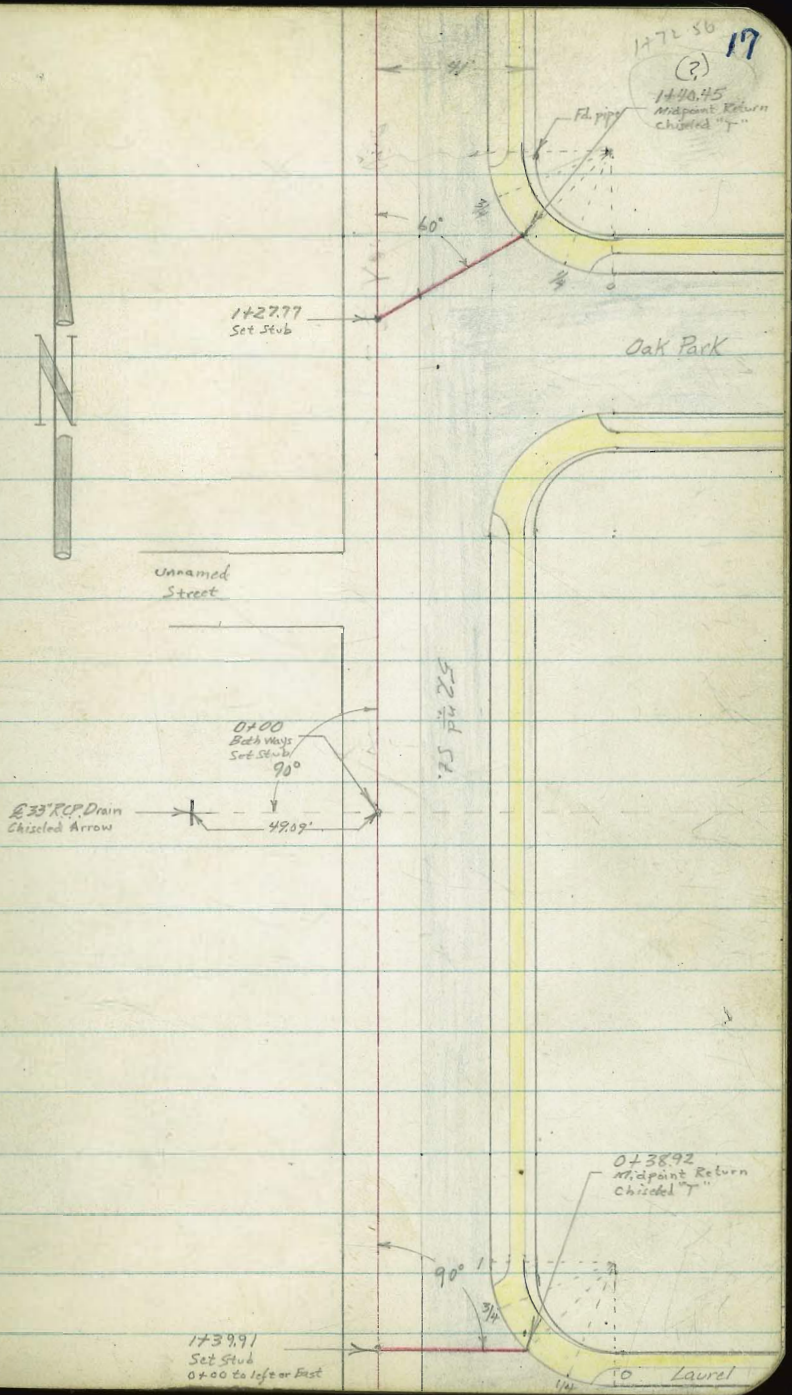
307.5	307.3	305.9	316.5	316.9
17 ¹	17 ³	18 ²	8 ¹	7 ⁷
10	6		16	25

324⁶¹

Roberts
Cota
Morales
10-19-54
W.D.#21278

Survey For Proposed Storm Drain Fifty-Second Street Oak Park Dr. to Kalmia St. Map 2876

INDEXED
OCT 25 1954



Laurel

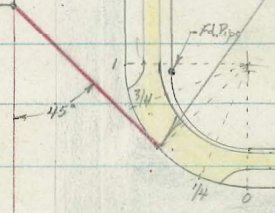


5274
St.

41'

(?)
3492.29
Set Stub

4750.20
Midpoint Ref.
Checked T



Kalmia

Cont'd from Page 18
TO NORTH

Lt

E

R₂

19

245.28

236.42

326

12.62

6
Rim

6
INVERT

1+12.5 6° Rt to G. Sewer MH

1+00

0+50

0+00 Intersection with Existing drain
Really at 96' to End.

222.08
4709
INVERT
ELEV.
M

451
ON
STUB

T.P. 7.01 249.04 ✓ 3.35 242.03 ✓

249.04 ✓

T.P. 8.57 245.38 ✓ 8.33 236.81 ✓

T.P. 2.90 245.14 ✓ 6.39 242.24 ✓

T.P. 2.35 248.63 ✓ 12.92 246.29 ✓

B.M. 1.12 259.20 ✓
B.P. in No. End Island
258.08 SE Corner of 546 E Piratto

245.4

245.2

245.5

AT OAK PARK DRIVE

1+72.56 Curb face at Return Midpoint

296.88	296.02	296.84	296.04	296.11	296.87	296.20	296.58	296.29	296.74
2.60	2.98	2.58	3.00	2.93	2.57	2.84	2.46	2.75	2.30
cb	Gut	cb	Gut	Gut	cb.	Gut	cb	Gut	cb
EL	EL	3/4	3/4			1/4	1/4	0	0
								BC	BC

1+40.45 Edge AC Paving

3.12

1+27.77 Angle point Right

3.23
SUB

249.04X

249.04X

Cont'd From page 20
To SOUTH

Lt

±

Rt

21

0+38.92 Curb face at Midpoint cb, Rt.

2442	2435.55	2439.93	2439.99	2439.95	2439.90	2435.57	2440.03	2436.69	2444.57
5.03	5.49	5.11	5.55	5.59	5.14	5.47	5.01	5.35	4.87
cb	Gut	cb	Gut	Gut	cb	Gut	cb	Gut	cb
EC	EL	3/4	3/4			1/4	1/4	BC	BC

0+10.91 Edge AC Paving

2436.2
 542

↖ equals 0+00 to East or Left.

1+39.91 Opposite Midpoint Curb Return at Laurel

2439.6
 558
 546

1+00

2438
 52

0+50

2440
 50

0+00

2445.53
 451
 546

249.04 X

249.04 X

3+95.29 Angle point left

3+50

T.P. 3.89 245.65 ∇ 7.28

241.76

245.65 ∇

3+00

2+50

2+00

1+69

6° Lt & Sewer MH

249.04 ∇

241.3
4.52
54.6

241.3
4.2

241.2
7.3

242.3
6.7

242.2
6.1

244.52
1422
6
Invert

243.57
547
6
Rim

249.04 ∇

Elevations in intersections on following pages.

Angle Point (3+75.29), plus 65' & produced, 7' Lt & M.H. I.E. = 233.32.

T.P.

6.42 239.23 Nail in pte.

4+50.20 Curb Face at Midpoint Return at Kalmia.

241.57	241.05	241.85	240.88	241.04	241.04	241.11	241.01	241.19	241.69
4.11	4.60	4.20	4.67	4.61	4.11	4.54	4.04	4.46	3.92
cb	gt	cb	gt	gt	cb	gt	cb	gt	cb
ec	ec	3/4	3/4			1/4	1/4	5/8	5/8

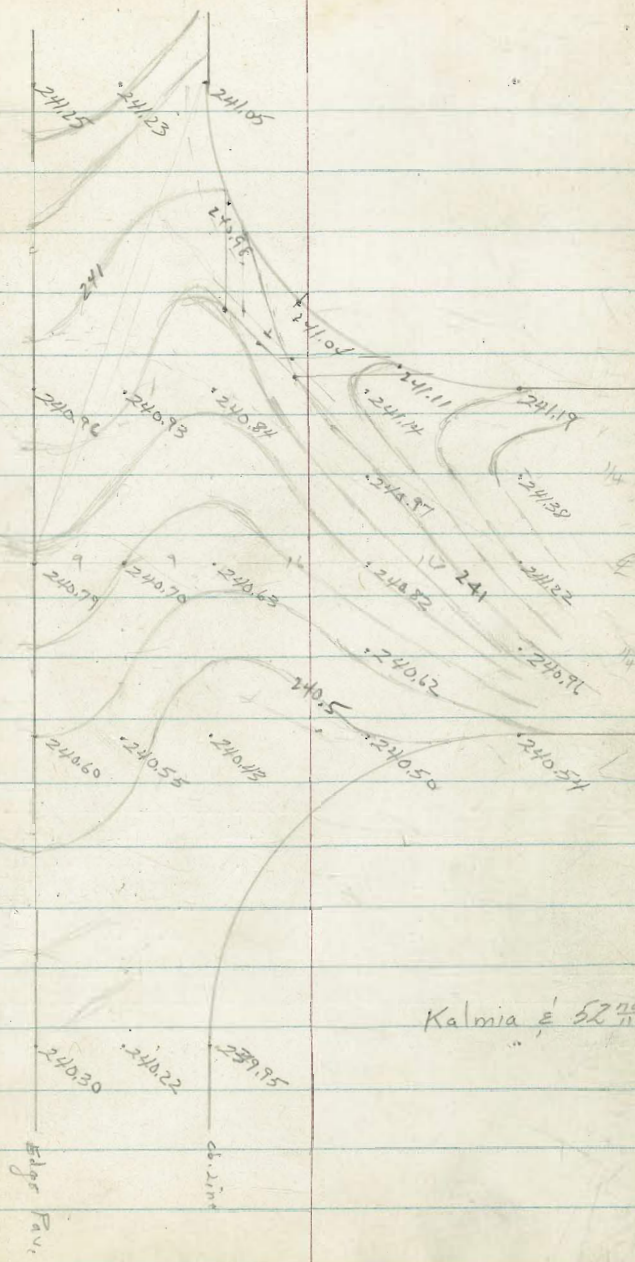
241.25

4.40

4+10.87 Edge A.C. Paving

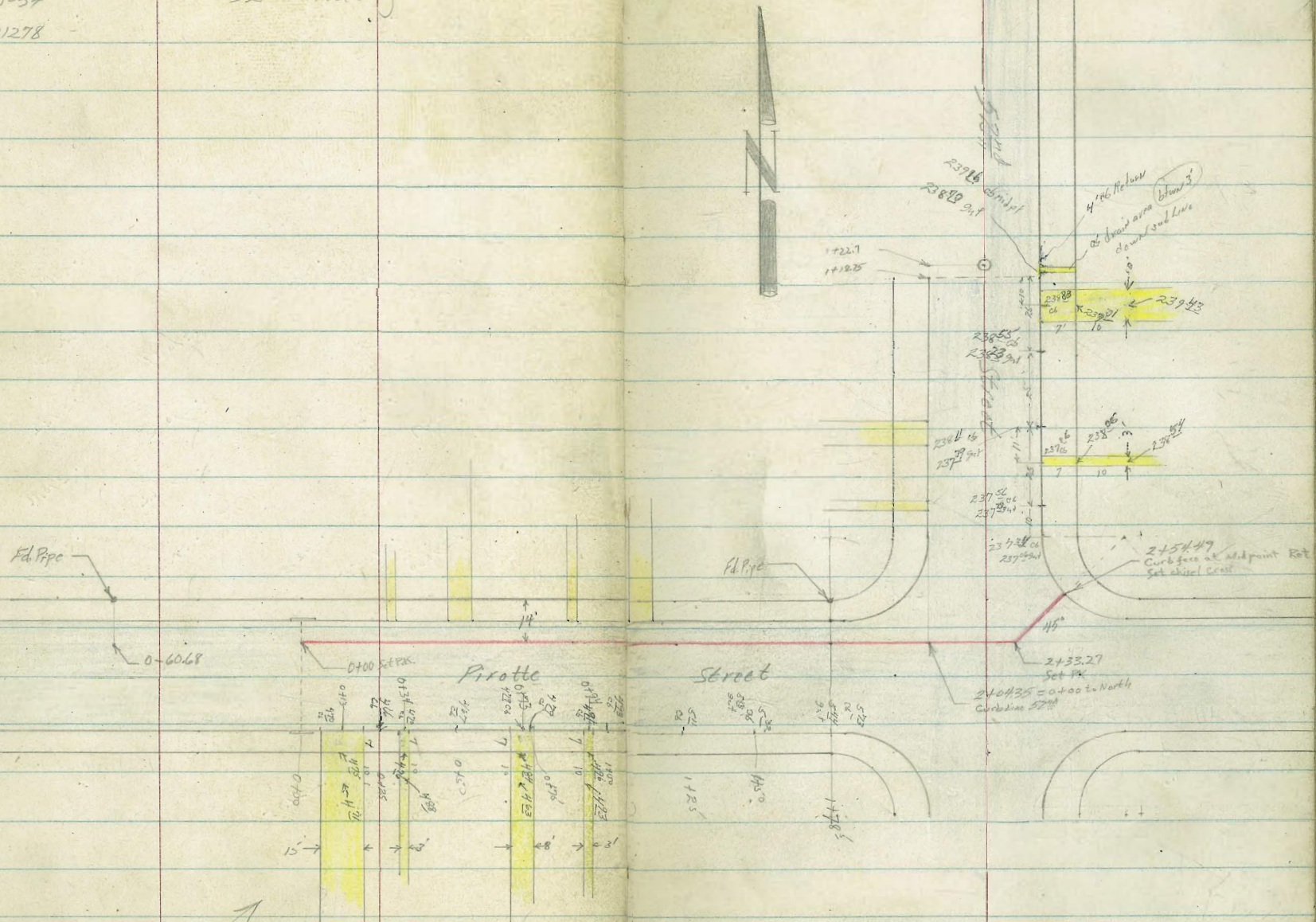
245.65 A

245.65 A



Roberts
Cota
Moralez
10-20-54
M.O. #21278

Survey For Proposed Storm Drain
Pirrotte Street
52nd Westerly



add 2.30 to elev shown
SD

23916
23889 out
4'06' below
at drain area
down road line
23943

2454.47
Curb face at old point Ret
Set chisel curb

2433.27
Set FX
240435 = 0+00 to North
Curb line SD

Pirrotte

Street

0+87 Begin walk

0+56 End Drive

0+50 A gutter has been built off curb and AC placed over most of Roll curb.

0+48 Begin Drive

0+31 End walk

0+28 Begin walk

0+00 Existing drain. Picotte Street

J.P. 2.31 241.54 \uparrow

239.23 See page 23

235.32
6.17
7
walk
cb

235.28
6.26
7
Drive
cb

235.27
6.27
7
cb

234.76
6.78
7

235.08
6.46

235.09
6.45
5

235.26
6.28
7
cb

235.21
6.33
7
walk
cb

235.19
6.33
7
walk
cb

235.21
6.33
7
cb

234.54
7.00
7
GATE

229.87
11.67
5.2
INVERT

234.26
6.78

214.92
6.62
5

228.85
12.57
276
INVERT

234.63
234.41
ce grate

241.54 \uparrow

2100

1450

1417 End Drive

1409 Begin Drive

1400

1400 End walk

24154A

				235.24
				520
	235.80	235.61	235.65	
	568	593	589	584
	7	6		5
	cb			
		235.81		
		6.13		
		7		
		Drive		
		cb		
		235.80		
		6.14		
		7		
		Drive		
		cb		
	235.25	235.22	235.28	235.20
	619	641	626	634
	7	6		5
	cb			
		235.23		
		6.17		
		7		
		walk		
		cb		

24154A

0+64.5 Begin Drive

217.54
4.00
cb
217.24
4.30
G.T.

0+50

237.24
4.30
cb
236.91
4.63
G.T.
237.21
4.23
10

0+46.5 End Walk

217.17
4.37
cb
216.85
4.69
G.T.

0+43.5 Begin Walk

237.13
4.41
cb
236.78
4.76
G.T.

0+00 = 2+04.35

2+47.1 Edge

2+46.9 Edge } Hit smack center 22x22 Gas Co. MH

2+33.27 ANGLE POINT
13.6

Elev. = 236.88 237.21
G.T. G.T.

2+22.8 11° RT ☉ MH

220.75
10.79
11°
INVERT

241.54 T

241.54 T

Cont'd from Page 30

Lt

♀

Rt

31

check

325 258.07 = 258.08

T.P.

9.98 261.32 0.25 251.34

T.P.

8.39 251.59 4.09 243.20

T.P.

7.87 247.29 2.12 239.42

1+22.7

18RT ♀ MH

1+18.75 End Curb

1+00

0+72.5 End Drive

241.54 π

REDUCED BY LOCKHEAD 10-28-52

232.54
9.00
18
INVERT

238.60
294
1
cb

238.30
324
4t

238.64
290
10

238.23
3.31
1
cb

237.89
3.65
4t

238.25
329
10

237.68
386
1
cb

237.27
417
4t

241.54 π

Proposed Extension of Storm Drain
 Lot 320 Talmadge Park Unit #3

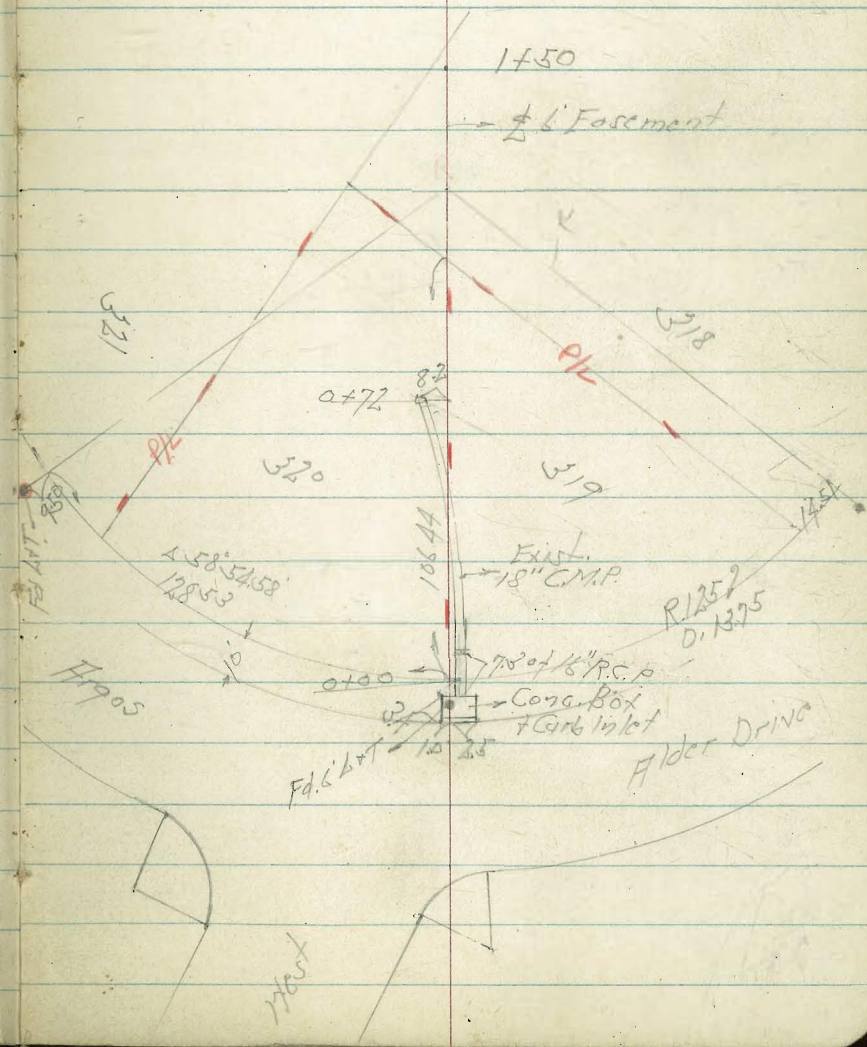
INDENTED
 3

B.M.				357.44	SEELYE Flams + Bioga
TP	4.66	361.795	312	357.135	
TP	8.56	363.365	6.99	354.805	
TP	37.65	361.04	6.09	357.275	
TP	5.94	359.26	7.72	353.32	
B.M.	0-06		7.00	352.26	Lot T SW
	0-10 = Curb		7.01	352.25	
	" = Gutter		7.76	351.50	
	" = Bottom Box		10.00	349.26	
	0+0 - 1/4" Line Alder Dr.		6.7	352.6	
	+22		6.9	352.4	
TP	0.40	346.59	13.07	346.19	
	+34		1.2	345.1	
TP	0.32	333.81	13.10	333.49	
	+72 = Ground on 2		10.5	323.3	
	" 8 2 1/2 ft		12.36	321.45	Flankline Ext 18" CMP
TP	0.16	320.85	13.12	320.69	
	+10		11.2	309.7	Approx Tood Fill
	+25		20.3	300.6	
	+50		26.0	194.9	

Feb. 16. 55
 A. Sisson
 Garbar
 Chipman
 Kelley

N.O. 21210

32



Levels Around College Manor
See sketch page 33

LT-Wly

'A'
Line

RT=54. 34

0+50

63³/₁₀

63² - 63⁸ 64⁰ 63¹ - 63² 64⁰
50 88 91 92 100
Ditch

0+44⁵ 15° LT = SWly COR Stucco House

65²⁰ 63⁴
15⁰ 15⁰
Floor 9' at House

0+25

62⁹/₁₀

63¹ 63⁷ - 63⁹ 63⁴ 63² 64²
50 79 82 83 100
Parallel ditch Begins
contributes to water standing

ON Wly Line 1.5' ^{of sub} 5' high Chain Link Fence
ON extension of Wly Line sub
0+00 - 10' sly of SWly COR, College Manor

63¹/₁₀

63⁹ 64³ 64² 64⁶
50 76 100

0-01³ = Top A.C. Berm along A.C. Road
1' wide Berm.

63³⁵/₂₅

63⁶⁵/₁₀₂
Top Berm

63⁷⁶/_{Top Berm}

64³⁸/₅₀
ON Berm

65⁰⁰/₁₀₀
Top Berm

0-02⁸ = Fly edge A.C. Road 19" wide

62⁹⁰/₂₅
A.C. Road

63⁴¹/₁₀
A.C. Road

63²³/_{A.C.}

63⁹²/₅₀
A.C.

64⁶⁰/₁₀₀
A.C.

Direct elevation Rod used - add 400' to elevs

T.B.M.

2.32 463.12

^{in curb}
Chisel square, sly end cul De sac Rosa Place

TP 8.92 465.44 5.50 456.52

BM 5.63 462.02 456.39

SWly 4' LT. A Rosa + Soria Drive

Levels 'A' Line cont

1+65 - 15° LT = SWly cor stucco house

Ditch that has been shown on Right turns Nly and collects Near Base Line

1+50 = Low Spot in Terrain - ^{here} water collects

1+26 ⁶⁷ = Rose Place extended sly.
 See Levels 'B' Line

1+00

0+81 - 15° LT = SEly cor stucco House

0+75

LT

'A' Line

RT

35

66⁰⁹ 63³
15° 15°
Floor ground

63⁰
10

62⁶ 62⁹ 62⁸ 63² 62⁶ 63⁴
in water 50 100 110 113 114
Ditch
Turns to
Nly-

62⁸⁵ 63³ 63⁵ 63⁵ 62⁹ 63⁶
on stucco 50 100 107 110 111
ground same Ditch

62⁹
10

62⁸ 63² 63⁵ 63⁶ 62⁸ 63⁵
50 100 102 105 106
Ditch

62⁹
10

62⁸ 63² 63⁸ 63⁰ 63⁷
50 98 101 102
Ditch

Direct Rod add 400'

Levels 'A' Line cont

LT

'A'
Line

AT-

36

3+00

64⁰
10

63⁴ 64⁰ 63⁹ 64⁵ 65⁴
43 46 50 100
(Top Bot Tap)
Begin Narrow
Ditch

2+78- 12° LT = Power pole # (None)

2+75

64⁰
10

63⁵ 64⁰ 64⁹
50 100

2+64- 12° LT = dead man

2+49⁶⁰ = L. Section taken on split of L.

63⁵
14 81
SELYCOR
College Manor

463⁶⁴
on Hub
ground same

63⁷ 64³
50 100

2+25

63⁷
10

63³ 63⁴ 63⁵
50 100

2+02 15° LT = SELY COR stucco house

2+00

63³
10

63⁰ 63² 63² 63²
25 50 100

1+75

63²
10

62⁸ 62⁵ 62⁹ 63⁰
75 50 100
in
water

Direct Rod - add 400' to all elevs

4+25

63⁶
1063⁵ 63⁶ 62⁷ 63⁵ 64¹ 65⁷
12 16 22 50 100

4+00

63⁹
1063² 63² 62⁸ 63⁵ 63⁹ 65⁸
(17 21 27) 50 100
Ditch

} 10³ LT = begin Conc Block Wall -
 3+85⁵ } 10³ LT = end 5' high Redwood fence

60⁰ 63⁴ 64¹
 10³ 10³ 10³
 Top Footing ground

3+75

63⁹
1063² 63⁶ 62⁸ 63⁷ 63⁸ 65⁴
(24 28 32) 50 100
Ditch

3+50

64⁰
1064⁰
363⁴ 63⁵ 62⁷ 63⁷ 63⁶ 65⁰
29 34 39 50 100

3+26⁵ } 10⁴ LT = begin 5' high Redwood Fence

3+25

64⁰
1063⁵ 63⁹ 63⁰ 63⁹ 63⁷ 65²
(34 39 44) 50 100
Ditch

Direct Rod - add 400' to elevations

Levels A+B Line Cont

4² Rose place to Sly extended -
10' Sly of Sly Line College Manor

0+00 'B' line = 1426^{6.7} on A line

5+42 = 4² Rose ST - A.C. Paving

5+27⁰ = Face Curb on Sly side Rose ST.

5+22⁵ 2⁰ LT = Ely end of 4⁵ wide walk to Wly.

5+21 - 11⁰ LT = 10" Power Pole #JP 376715

5+03 - 11⁰ LT = 4² Dead man

5+00 - 10² LT = end Conc Block Wall.

4+75

4+50

LT = Wly

RT = Ely. 38

line

62⁹

60⁹⁶
100

62²⁰
50

62⁷⁵

63²⁴
50

63⁶⁸
100

62²⁰
50
90TTC

62⁶⁵
50⁰
T.C.

63⁰³
Top
Ck

62⁵⁷
2
90TTC

63⁴⁵
50⁰
T.C.

62⁹⁹
50
90TTC

63⁹³
100
T.C.

63⁴⁶
100
90TTC

60⁰⁰
Top
Wall

62²
10²
Footing

63⁹
10²
9"

63¹

63²
13

64¹
44

64²
50

65⁰
100

62⁹
10

63⁰

62⁹
7

63³
33

64²
50

65⁴
100

63²
10

63⁵

63³

62⁹

63⁵

64⁴

65⁵

Wly Ditch -

Levels 'B' line
L

Levels checked back to starting B.M.

LT

B
line
L
Rose Place

RT

39

1

07

2+00

61 ¹⁷	60 ⁶⁹	61 ³⁷	61 ³⁰	61 ⁸⁰
15°	15°		15°	15°
T.C.	9UT		9UT	T.C.

57

1+50

	61 ¹⁷	61 ⁷⁸	61 ⁷³	62 ¹⁹
in drive	15°		15°	15°
	9UT		9UT	T.C.

57

5 1+18 = approx B.C. Cul de Sac

62 ⁰⁰	61 ⁵⁴	62 ⁰⁶	61 ⁹⁵	
15°	15°		15°	in drive
T.C.	9UT		9UT	

5

5

0+75 = approx Radius Point (30') Cul de Sac

62 ⁶⁴	62 ¹⁴	62 ⁵²	62 ⁴²	62 ⁸⁷
30°	30°		30°	30°
T.C.	9UT		9UT	T.C.

5

0+45 = Face Curb Cul de Sac

63 ¹²	62 ⁶⁴
Top curb	9UT
	L

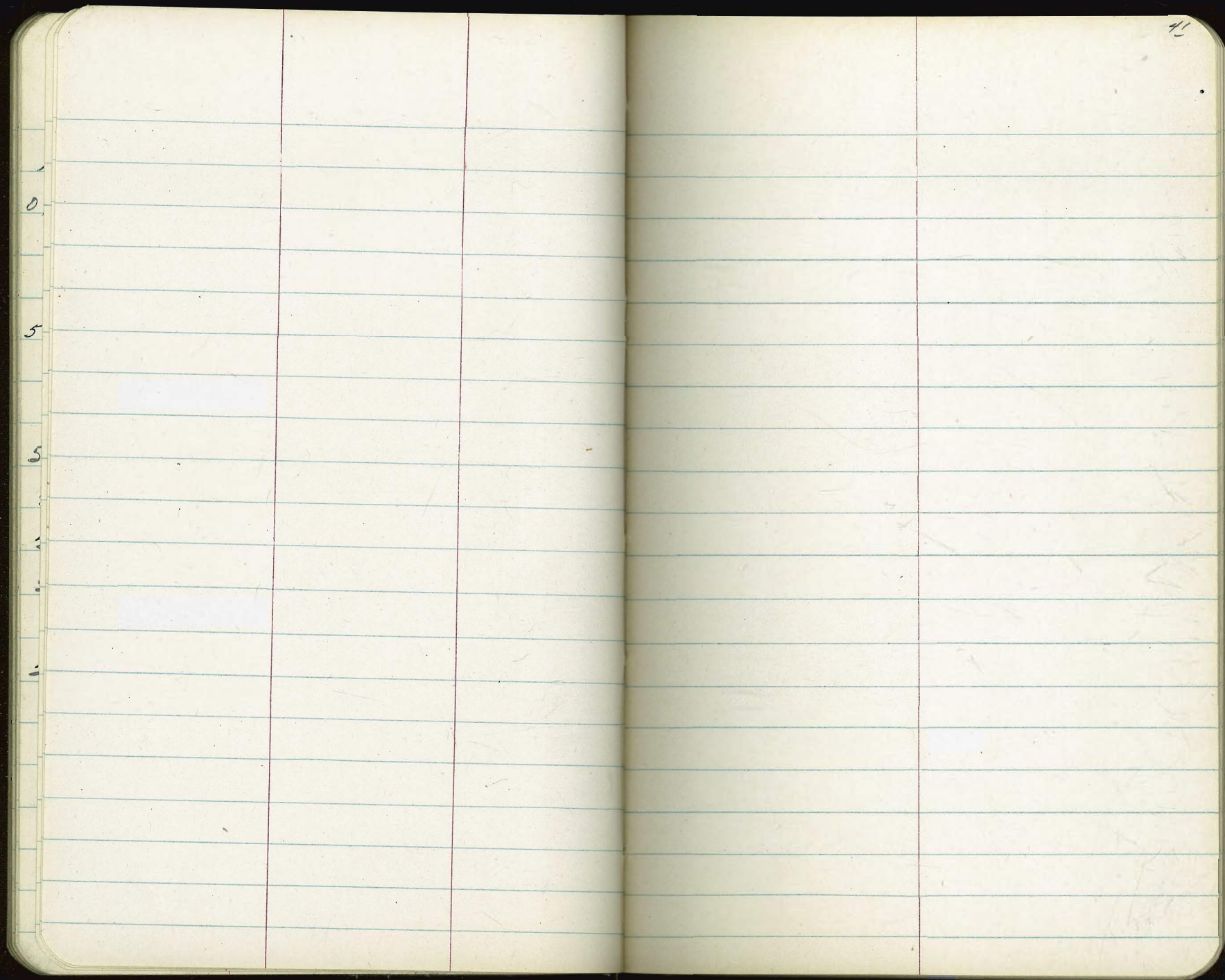
4

0+40 = sly edge of walk around Cul de Sac

63 ²¹
on walk

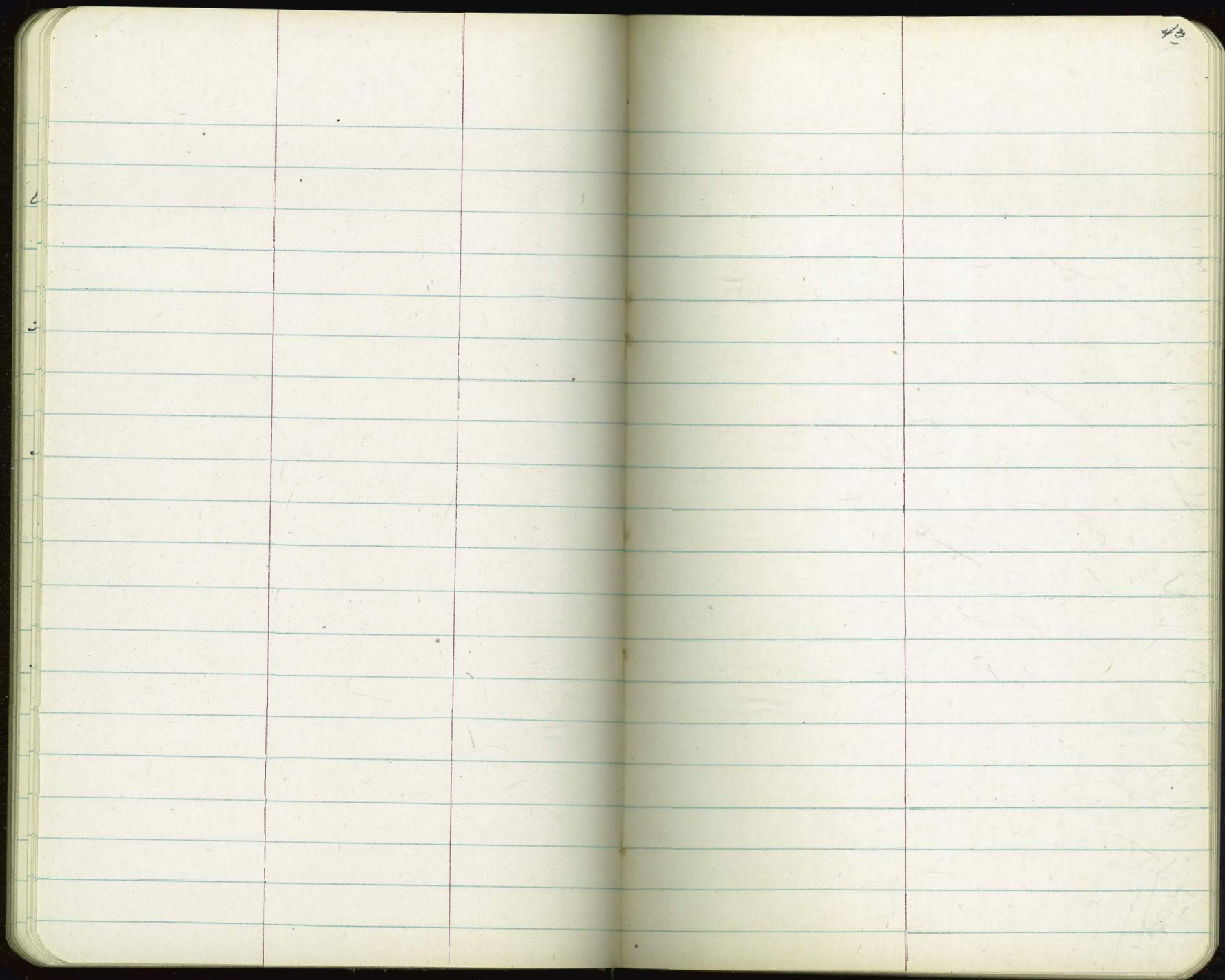
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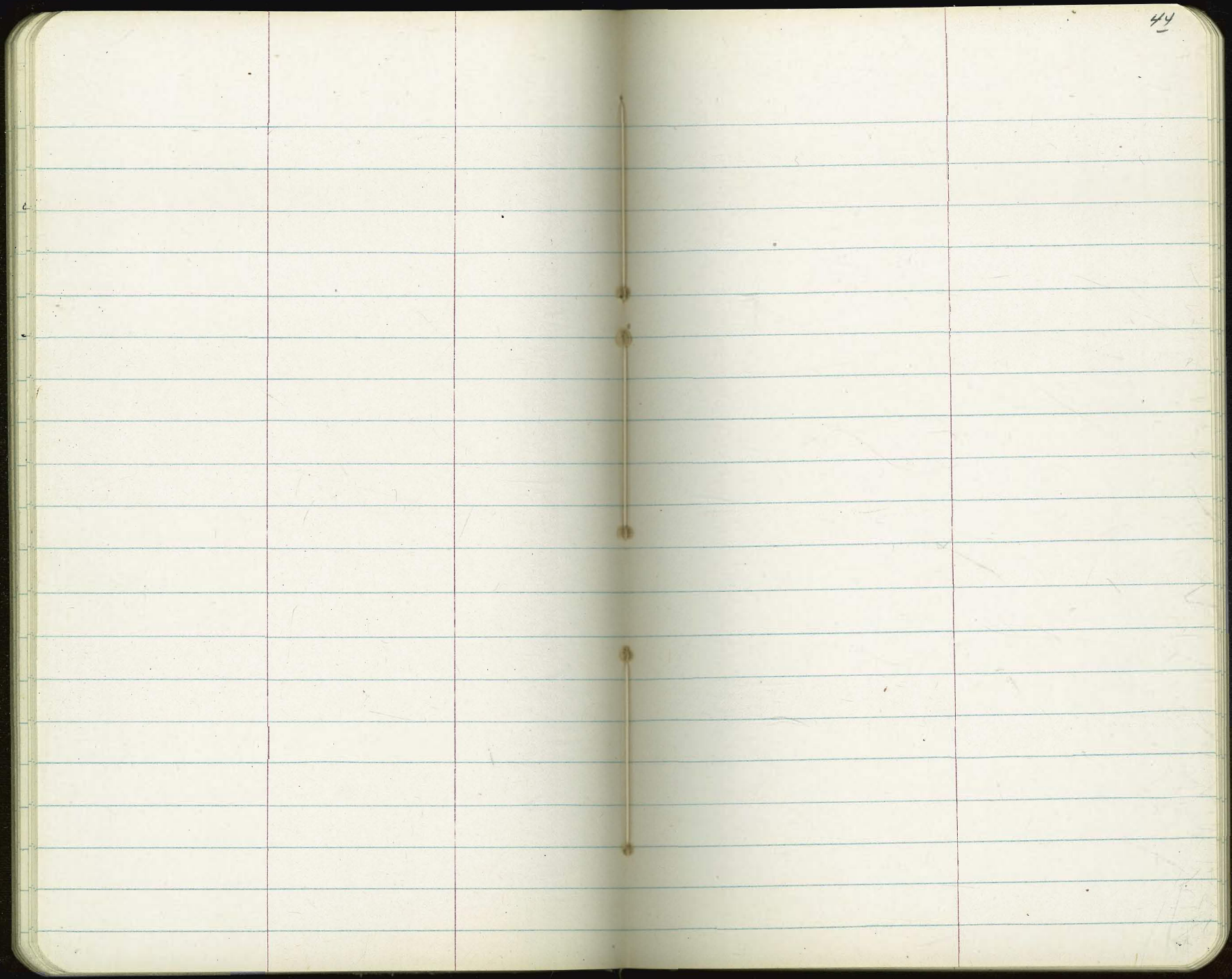
Direct Rod - Add 400'

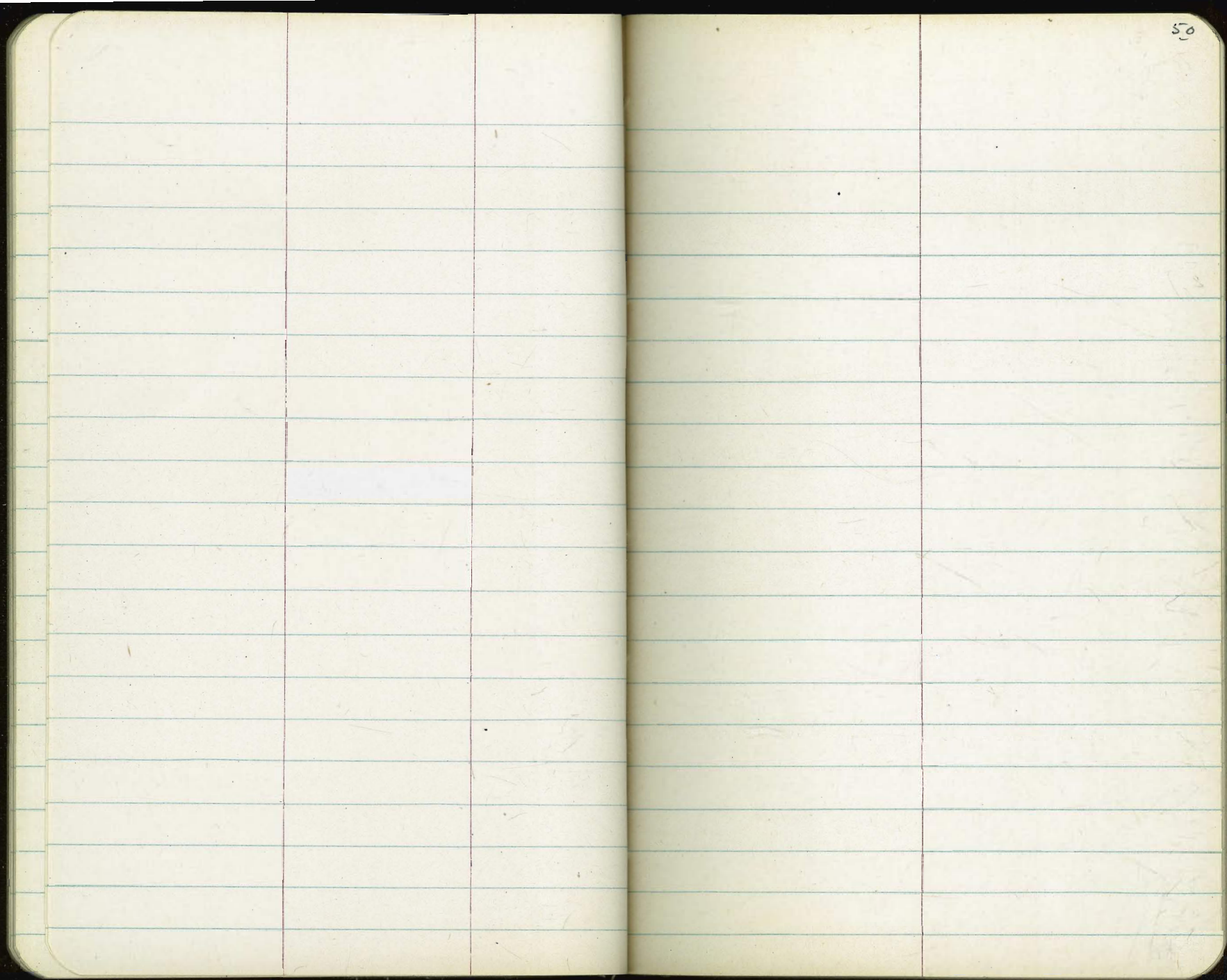


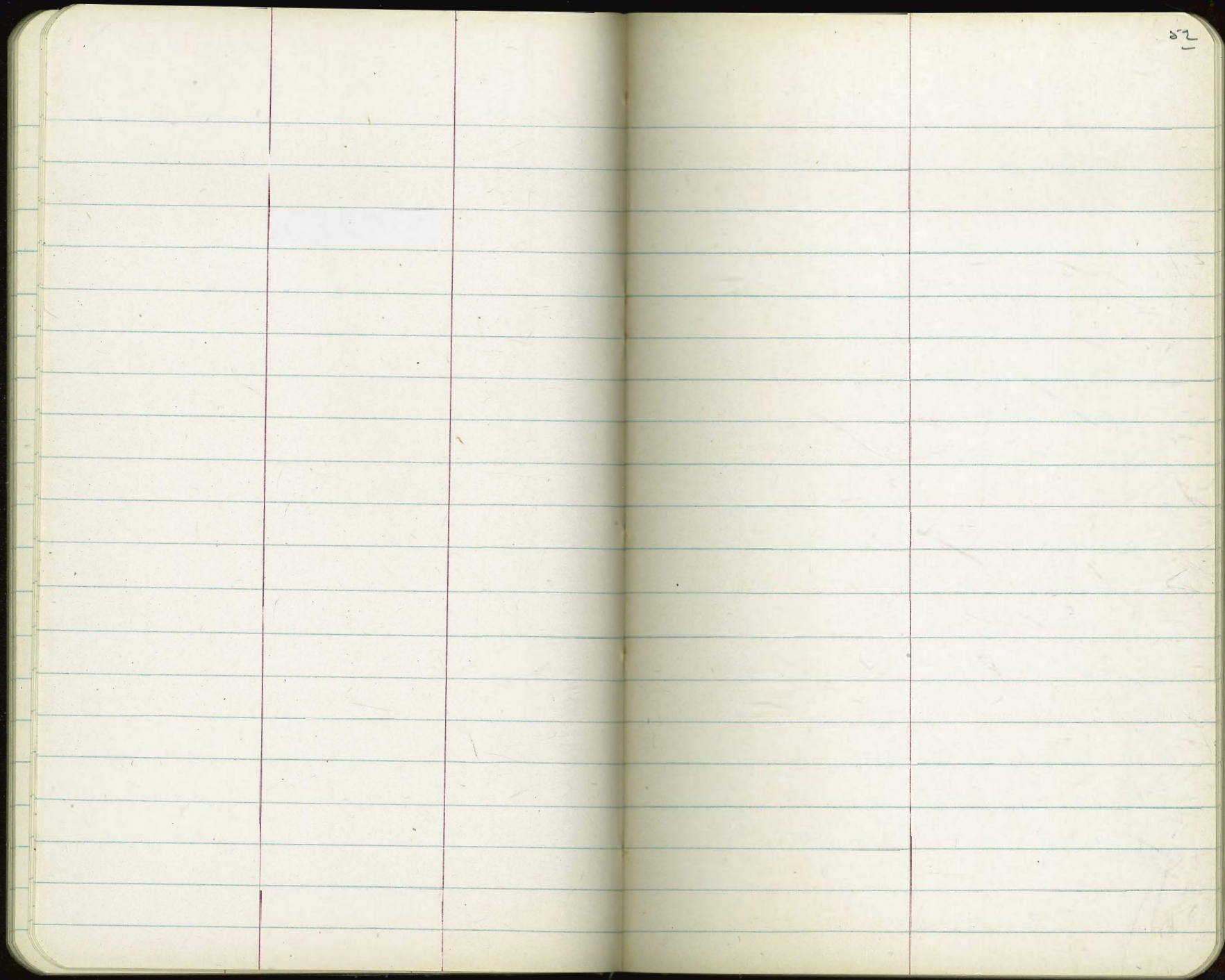
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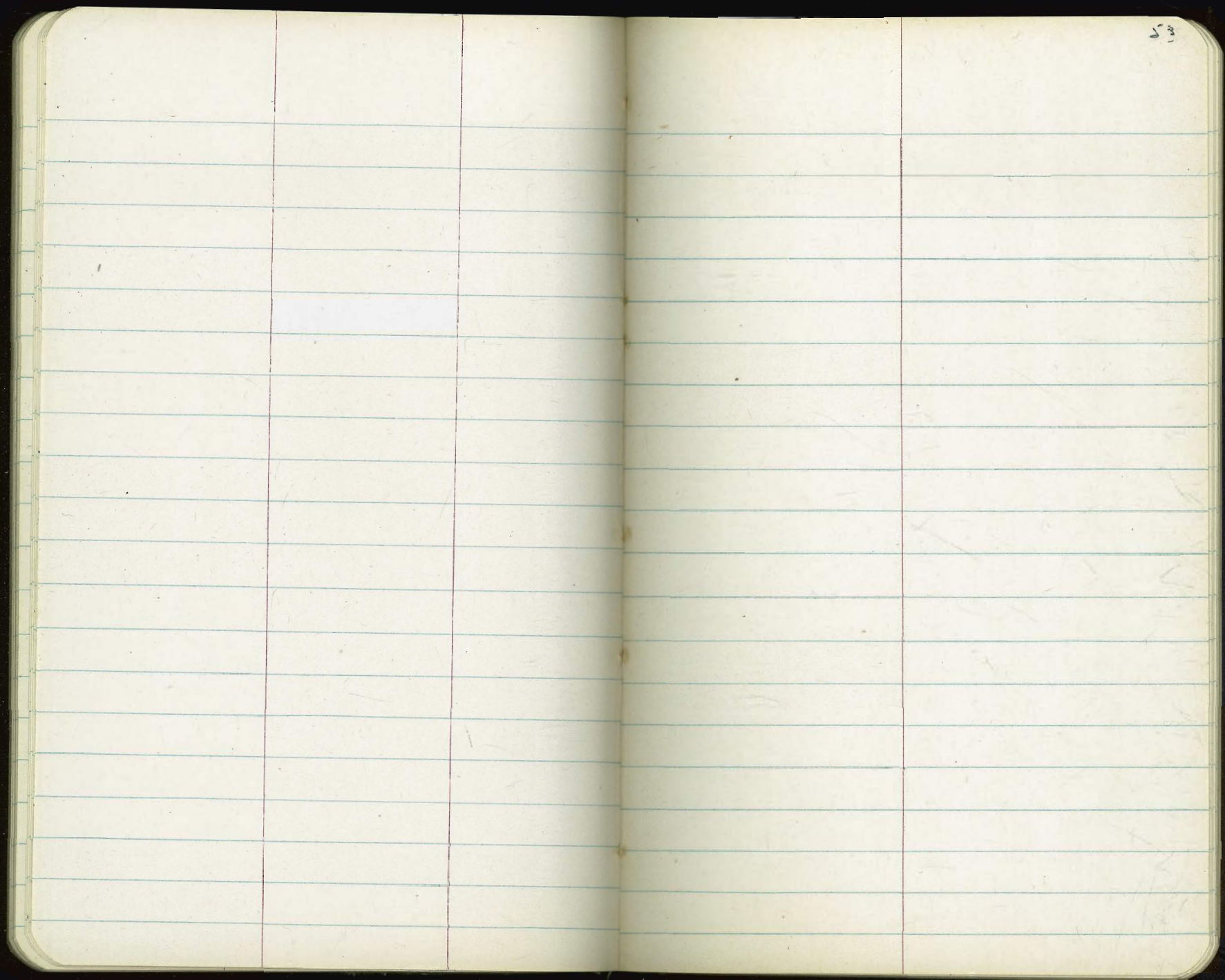
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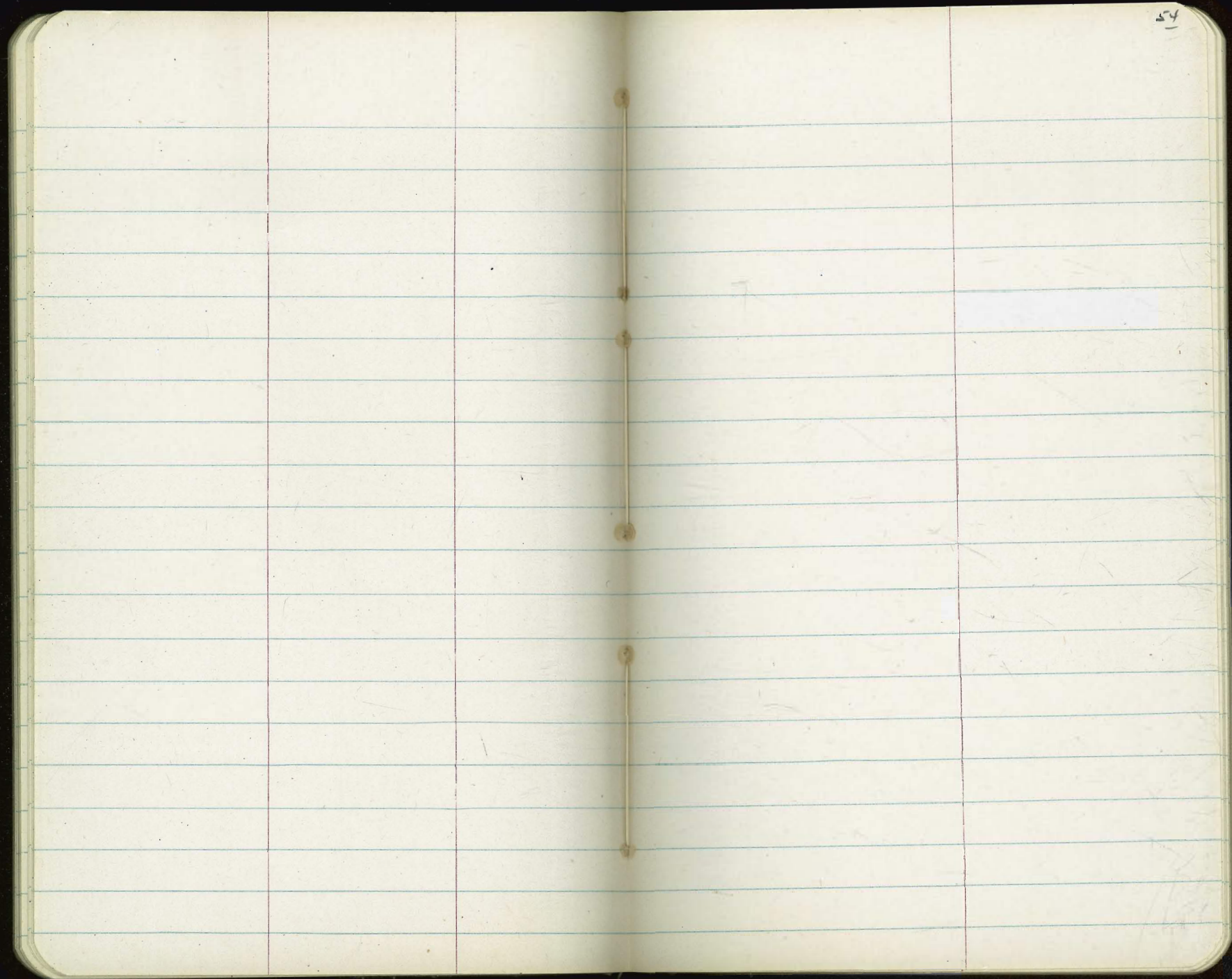




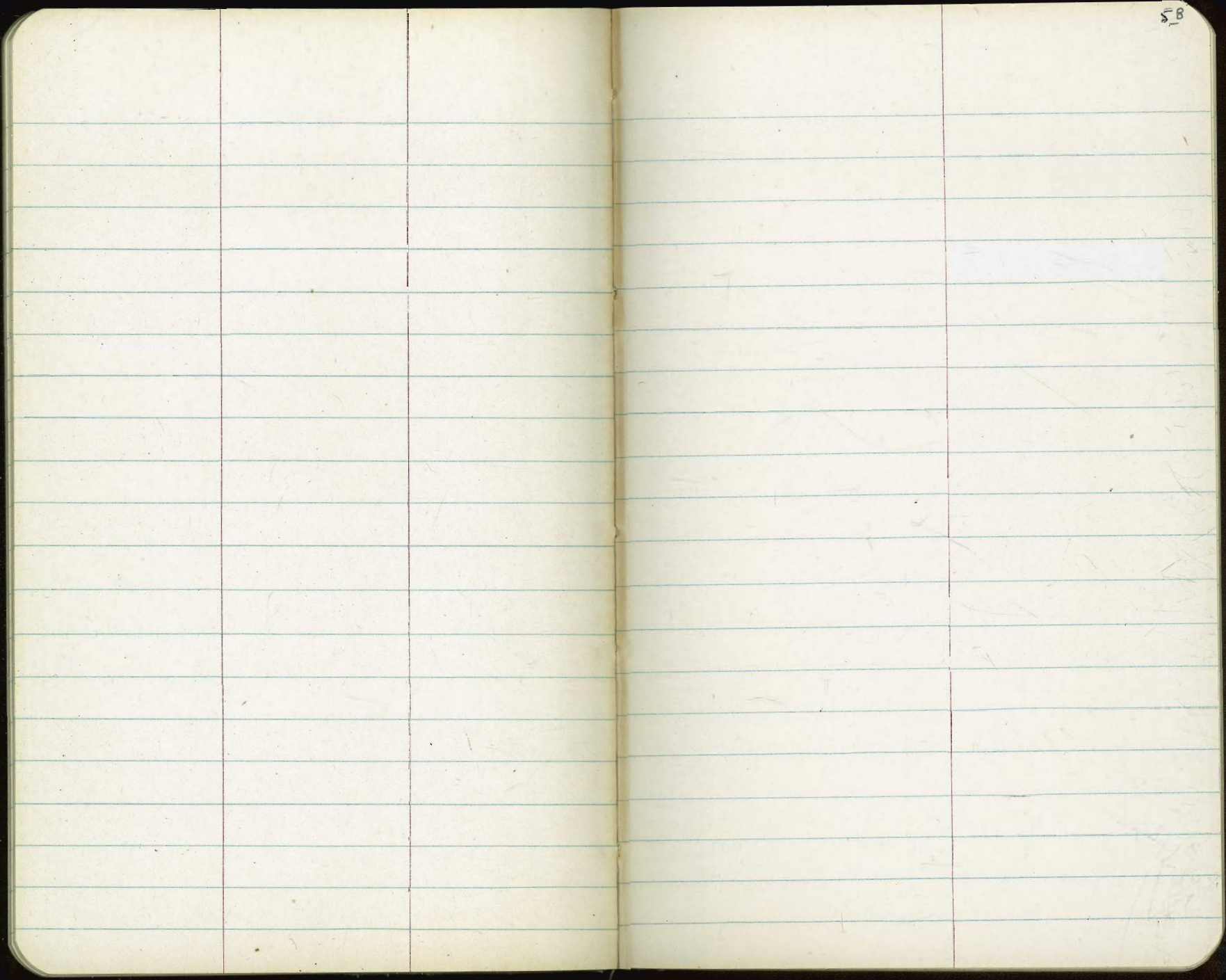




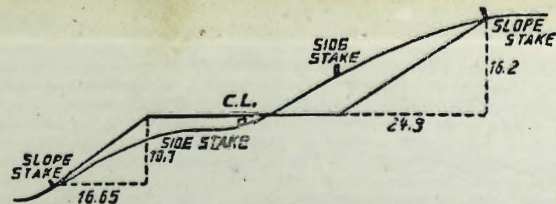




55



The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook has rounded corners and a dark cover is visible around the edges. The pages are blank, with no writing or markings. The number '60' is printed in the top right corner of the right-hand page.



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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