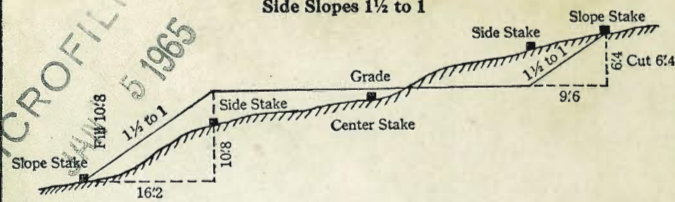


DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
 Roadway of any Width
 Side Slopes 1½ to 1



In the figure above: Opposite 6 under "Cut or Fill" and under .4 read 9/6 the distance from the side stake to the slope stake at right. Opposite 10 under "Cut or Fill" and under .8 read 16/2, the distance from the side stake to the slope stake at the left.

Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

EUGENE DIETZGEN CO.

2279
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 CITY ENGINEER
 San Diego

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Made in U. S. A.

2279
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AERIAL SURVEY

Check Contour Elev

Walker on West Merrilands Dr.

Bayton

Marble

4-28-53

Cont. P. 3

TP #13 0.50 385.57 11.73 385.07

TP #12 12.09 396.86 12.81 384.71

TP #11 11.47 397.22 0.34 385.75

11.54

TP #10 13.22 386.09 0.39 372.87

6.21

TP #9 12.18 373.36 0.50 361.08

TP #8 12.75 361.58 0.24 348.83

TP #7 13.35 349.07 0.34 335.72

chk Elev of 2 Merrilands Dr } 8.82 347.24 327.21

& EL 1257 } 9.22 326.84

TP #6 12.58 336.06 0.68 323.48

9.55 314.61

10.51

on curb TP #5 5.89 324.16 7.91 318.27

6.04 320.14

TP #4 8.78 326.18 1.92 317.90

TP #3 12.81 319.32 0.80 306.51

TP #2 12.66 307.31 6.97 294.65

TP #1 5.42 301.62 6.89 296.20

10.46 292.63

6.97 303.09 296.12

chk of 327 Edge Paving Hairpin Curve & Dirt Road To South

& Roadway West Merrilands Dr P.R.C. Hairpin Curve

Freeland's B.M. Approx. West Merrilands Dr
& Paving & E. Line P.L. 1257

(P.R.C. Approval) West of EL 1257
E. Rdwy. West Merrilands Dr of E Line
& Roadway 3rd lot line on North side West P.L. 1257

on Conc. Man. S.E. Cor. P.L. 1262,

on Mon. 10 F 689 Δ

chk SE Top curb

B.M. on Conc. Man N.E. Cor. P.L. 1262

AERIAL SURVEY
 Check on Contour Intervals.
 Cont. from P-2.

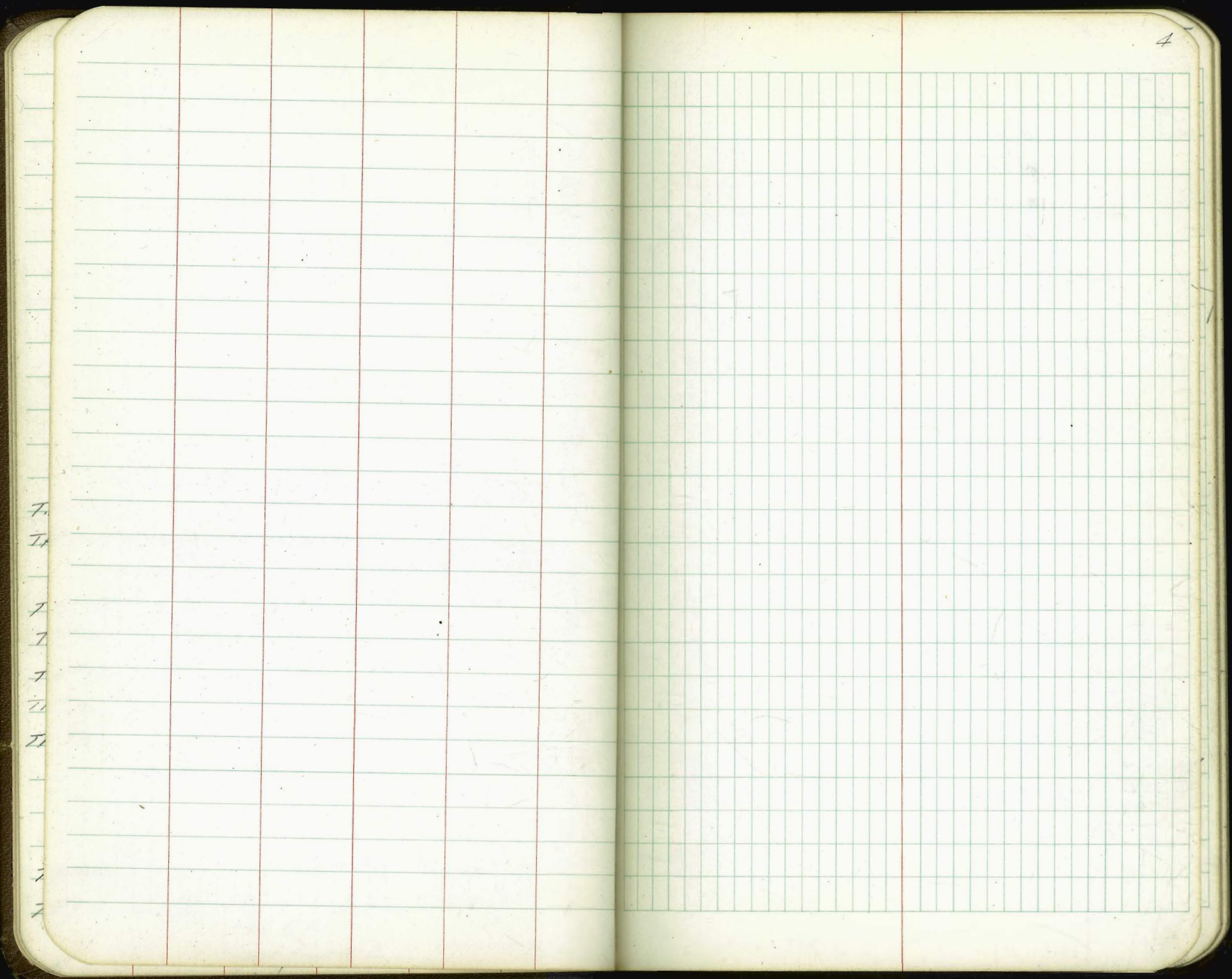
				0.09	
				244.59 = Rec.	
T.P. #21			5.52	244.50	
TR #20	2.67	250.02	10.33	247.35	
	10.33		4.28	253.46	
TP #19	0.65	257.68	12.11	257.03	
TP #18	0.24	270.14	12.83	269.90	
TR #17	0.88	282.73	12.73	281.85	
TR #16	0.35	294.88	12.70	294.23	
TR #15	0.73	306.93	12.58	306.20	
	0.51	318.78		318.27	
TR #15			11.27	370.95	
TR #14	5.97	382.22	9.32	376.25	
		385.57			
		Cont. from P-2			

CHK B.M. Chisled \square NLY Edge Paving West Mountlands Dr.
 opp. Power Pole 519062-H
 FB 1829-48

CHK. PK. Nail & Paving = End Exist. Curb Approx 900'
 West Mountlands Drive. West of EL 1257

TR #5 P-2.

on Cont. Map. A 10 F 690



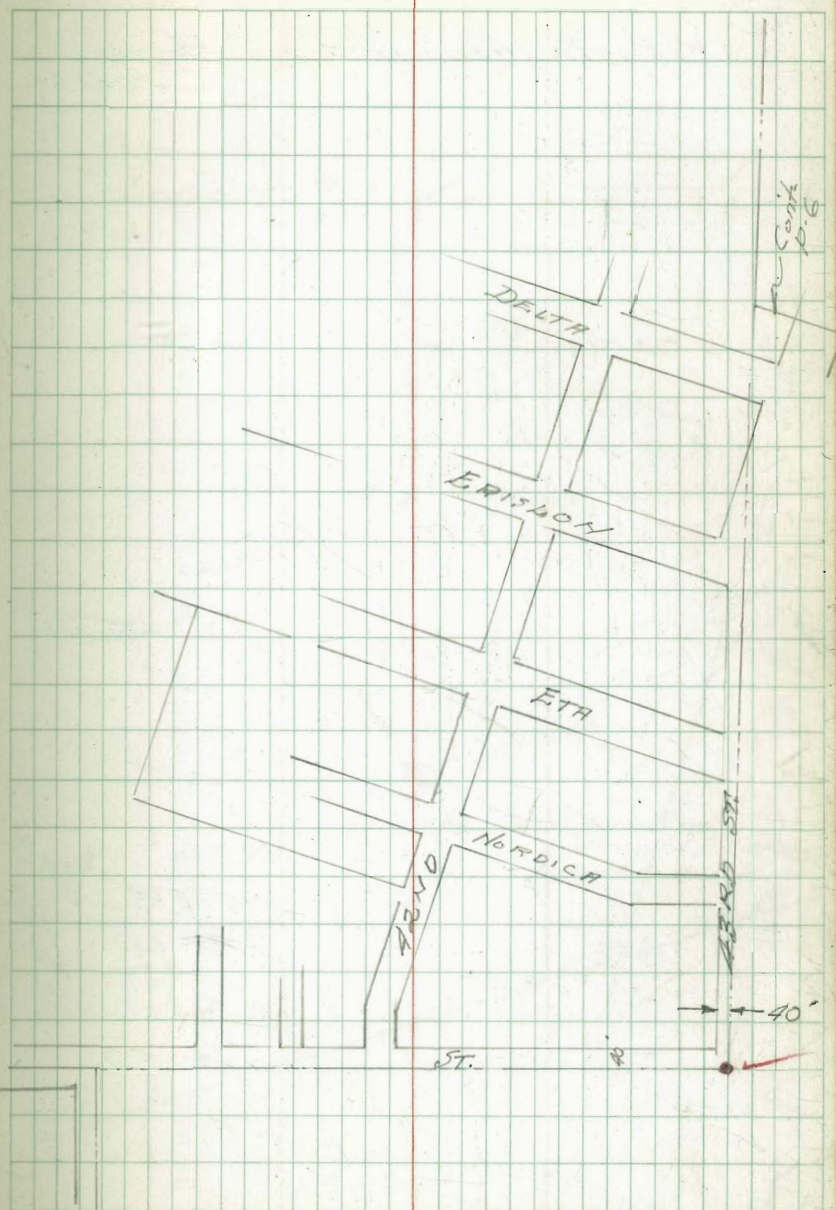
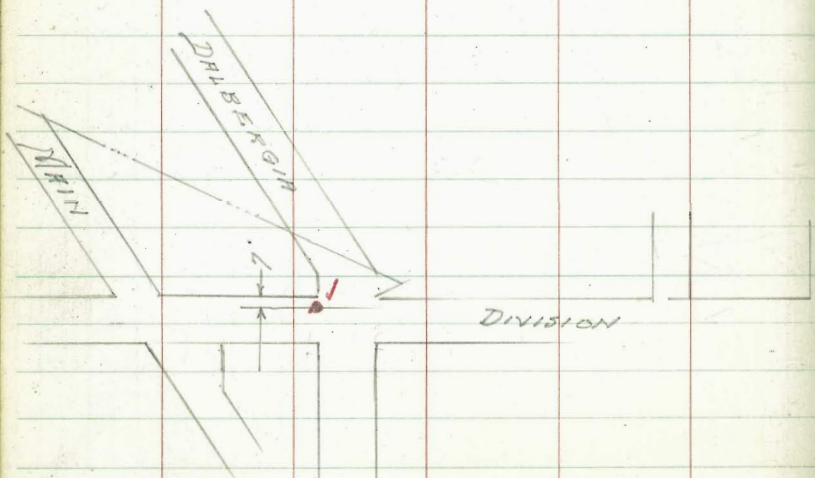
AERIAL SURVEY

9-21-53

NO 20718

Walker
Pope
Fulton
Olson

- = Fd ct Id. Pkg
- ◻ = Fd. Hub
- = Fd. Pipe
- = Fd. Conc. Man
- ✓ = Identified on Photo



AERIAL SURVEY

9-21-53

Points identified on Photo
3-12-54

OLD CITY BENT

S. 43RD.

40' 40'

LOT 67

1335.85

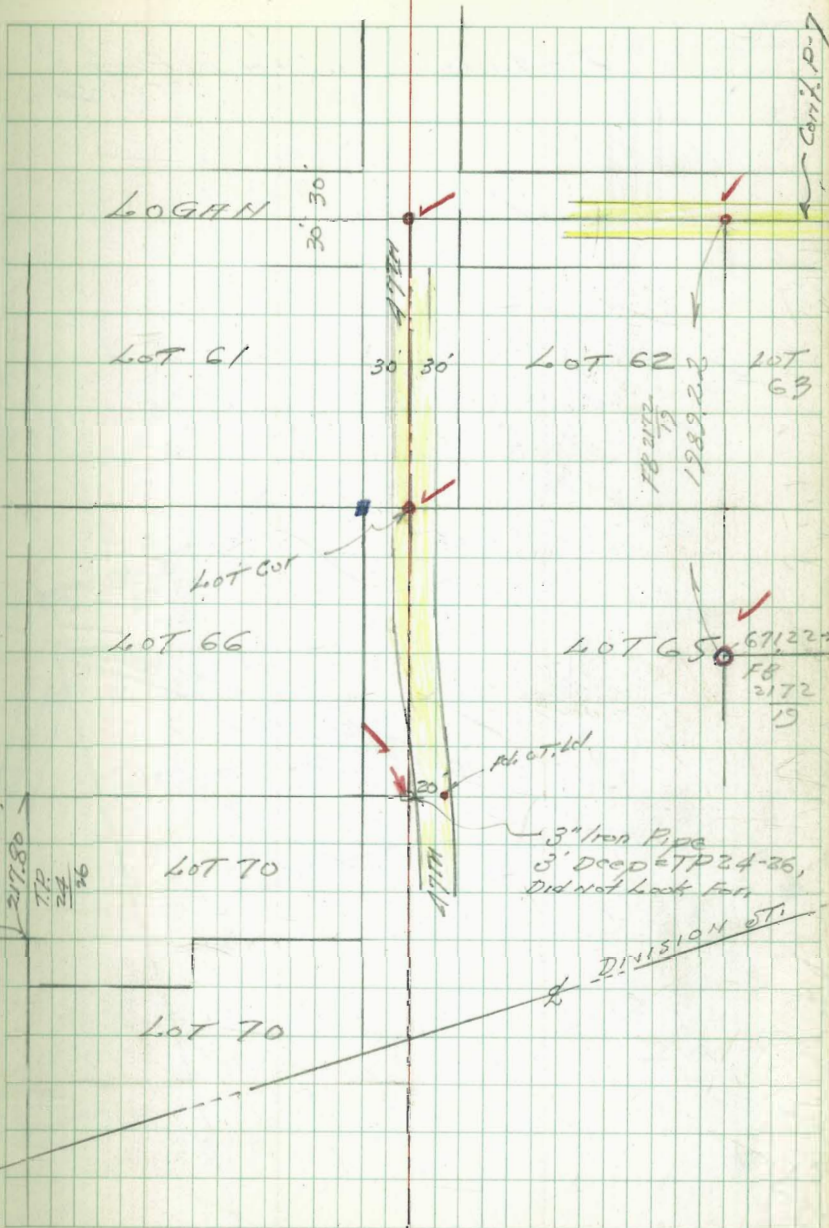
TP 24
23

LOT 69

DELTA

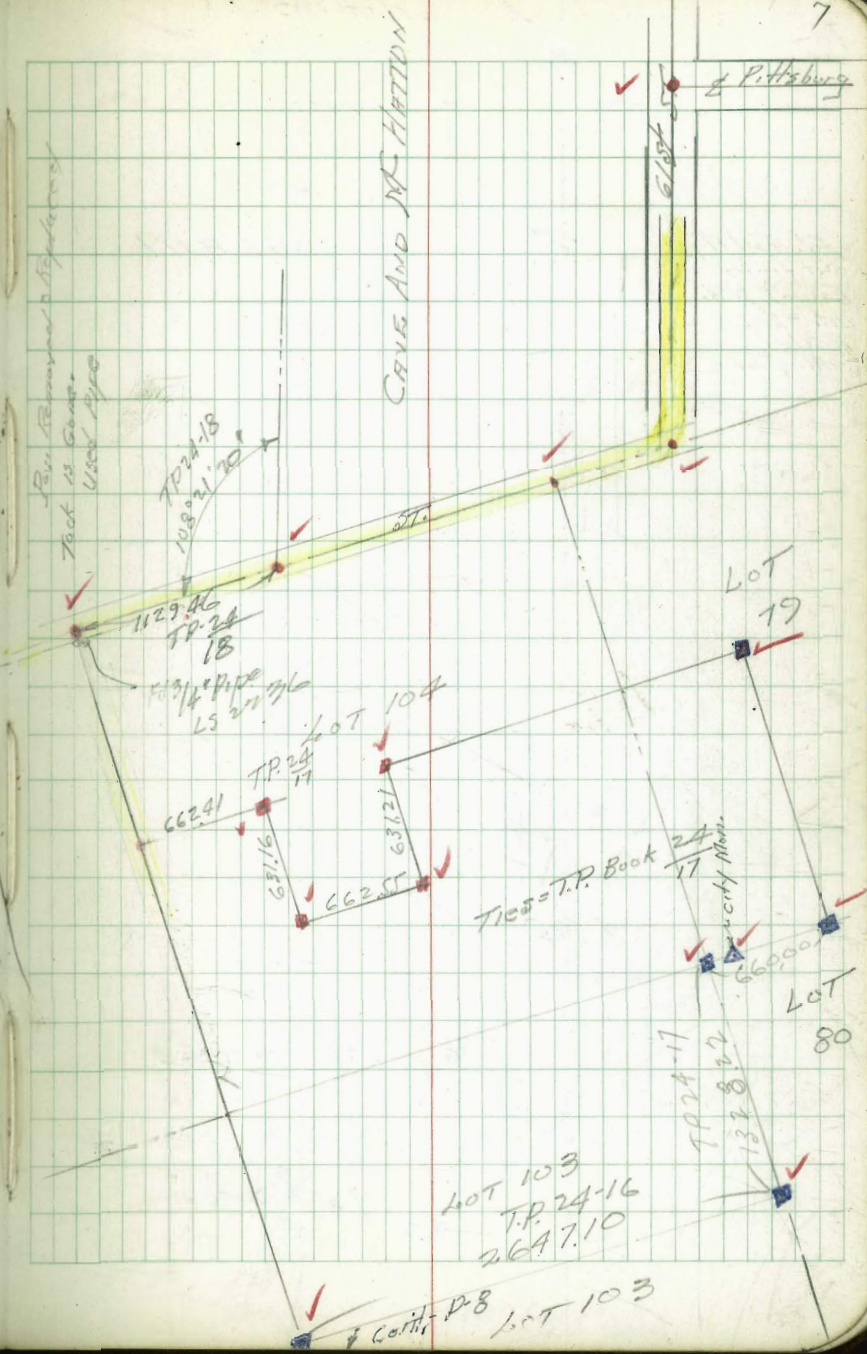
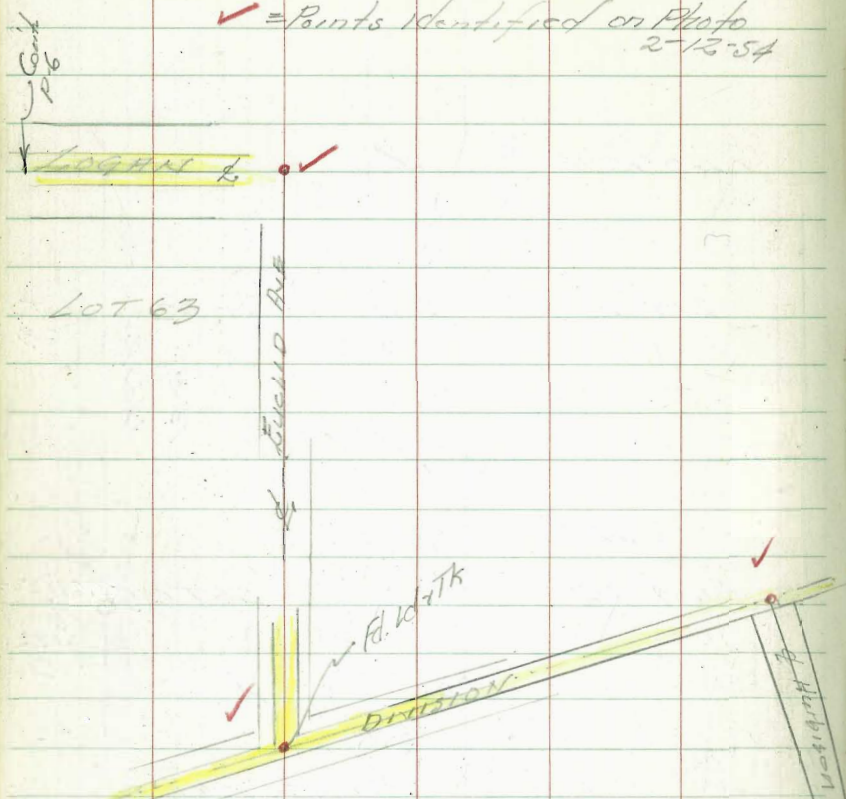
Cont. from
p-5

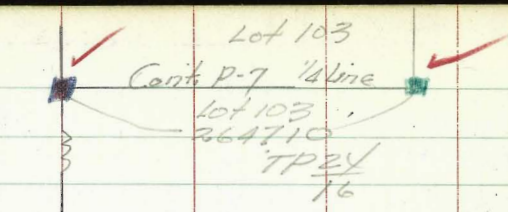
6



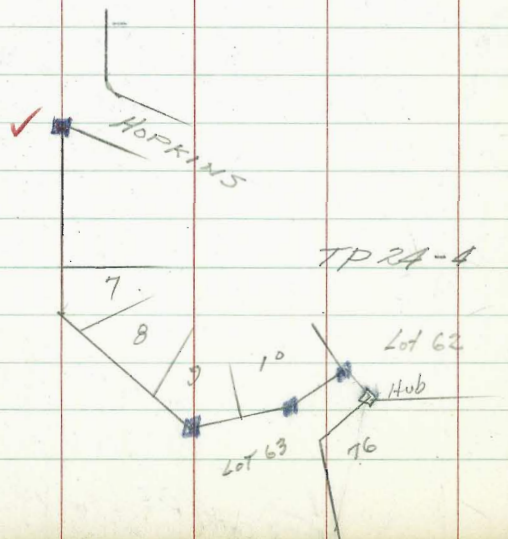
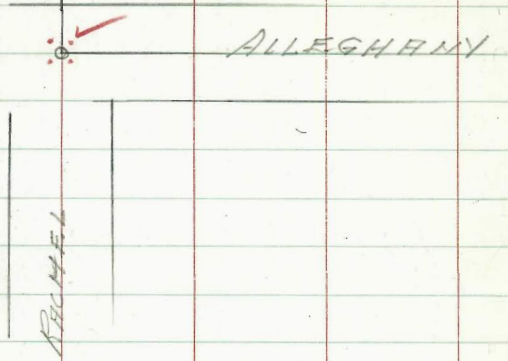
AERIAL SURVEY

✓ = Points Identified on Photo
2-13-54



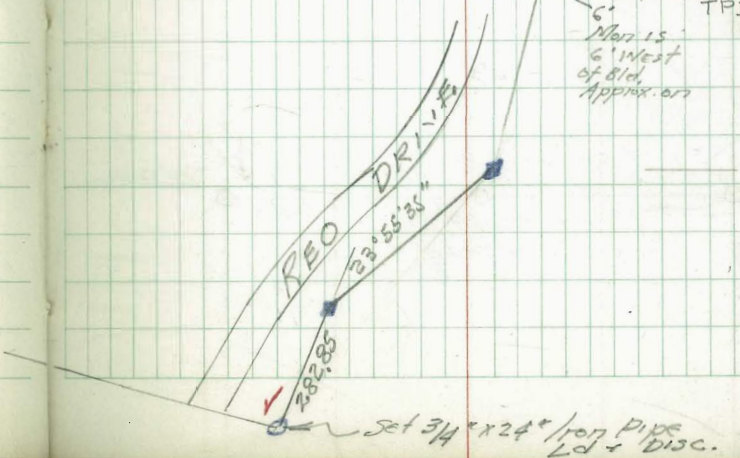
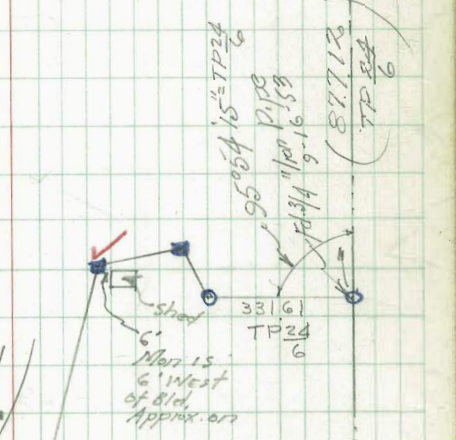


Fd. 4 1/2" Pipe
out from
Sewer plth.
int. = 8
Reached
to Allegheny



AERIAL SURVEY

✓ = Points identified on Photo
Sat. - 2-13-54



AERIAL SURVEY

Walker
Pope
Piller
Oliver
9-1953

Paradise
Vol 11
HT
1970

LOT 80

LOT 77

LOT 54

Note: Destroyed by vandals
since found.

Walker 2-13-54

Set Mon
in Hole of where 4" Pipe
was fd.

Fd. 1/2" Pipe
LS 2206

TRES LOOMAS

LOT 81

LOT 76

LOT 53

CALLE BANGU

CALLE QUEBRON

LOT 82

LOT 75

Fd. 3/4" Pipe

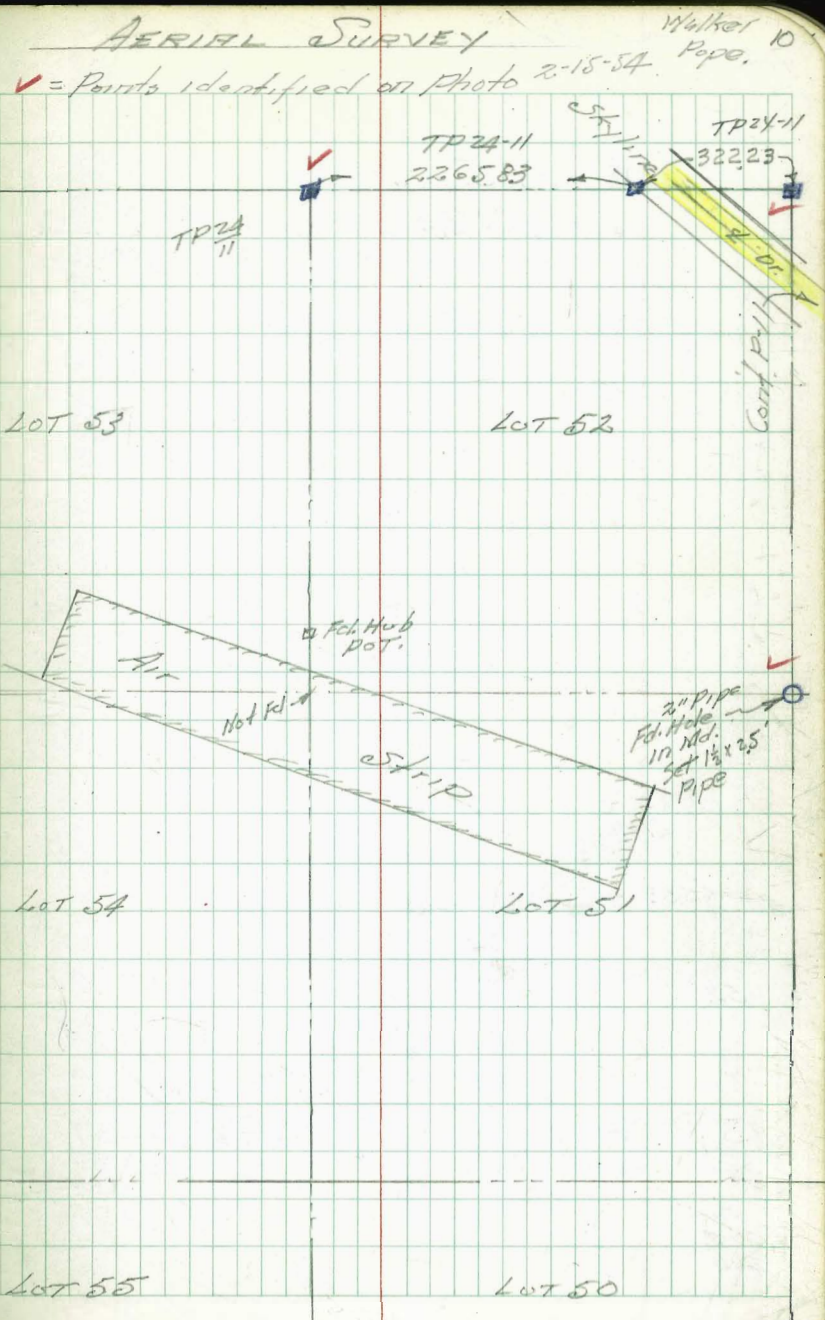
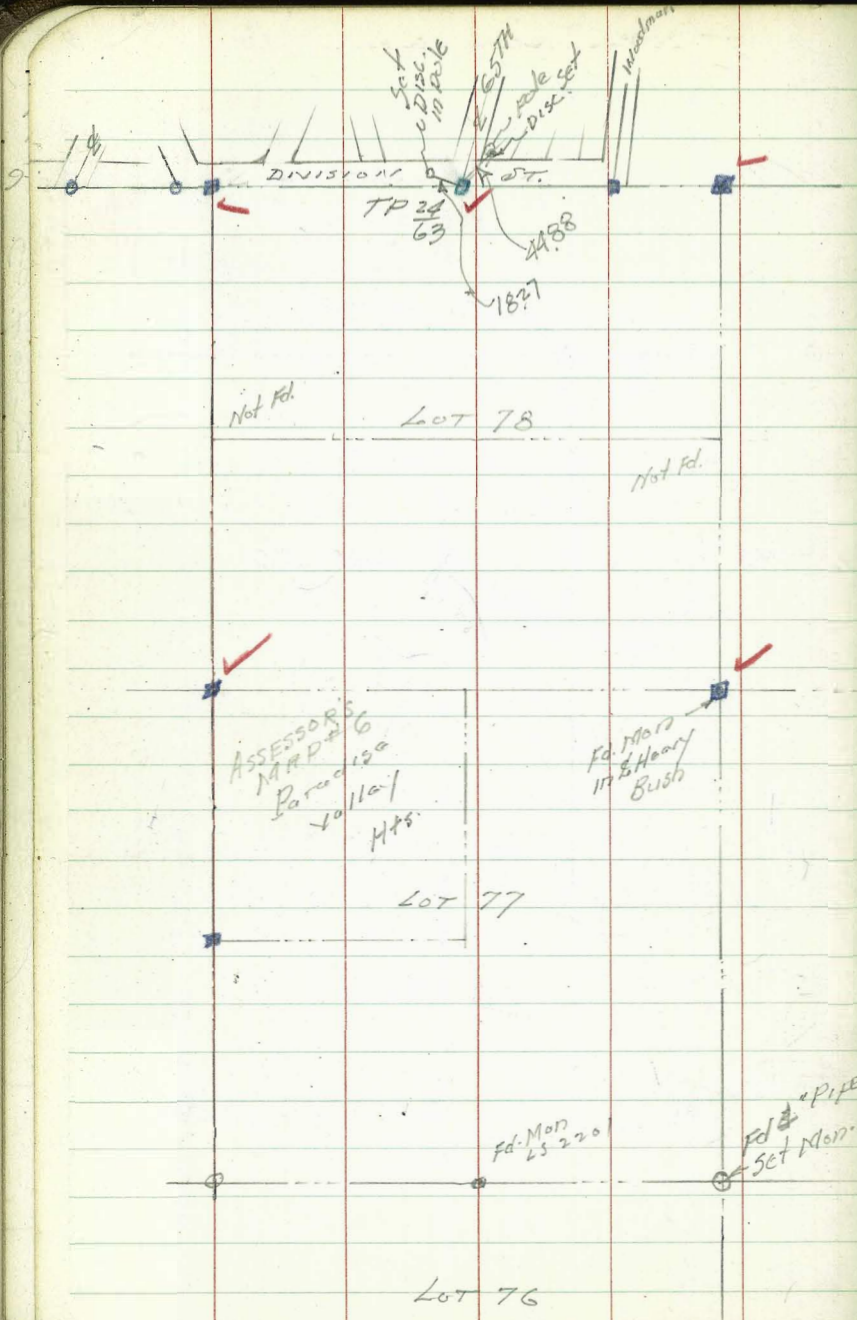
2643.38
-TP 24
8

1/2"
Fd. 3" Pipe

877.12

Cont. on
p-8

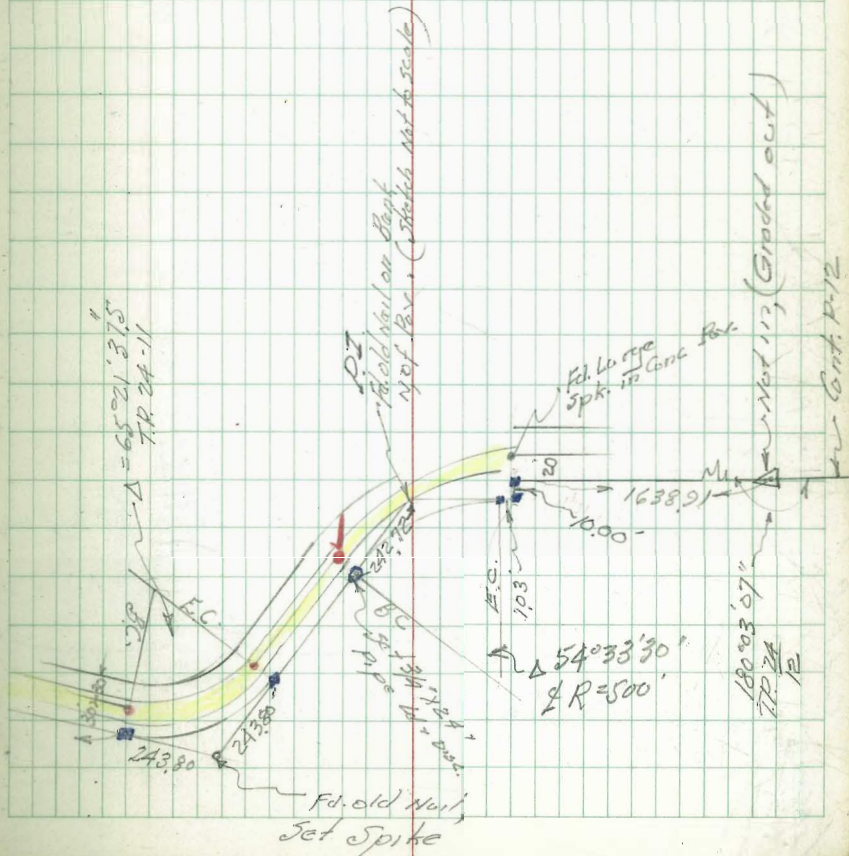
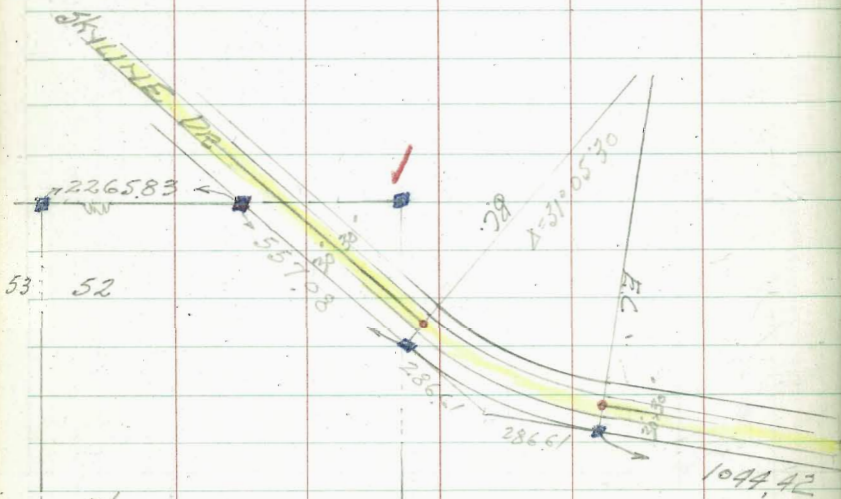
Sweetwater Rd.



~ AERIAL SURVEY, ~

- = Fd Conc. Mark
- = Set Lead Plg. & City DISC. in Conc. Paving

Dist. shown are from TP 24/11

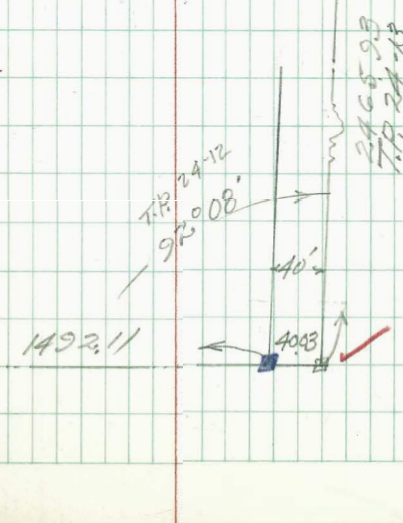
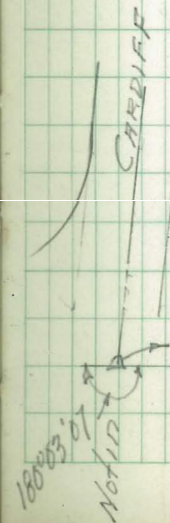
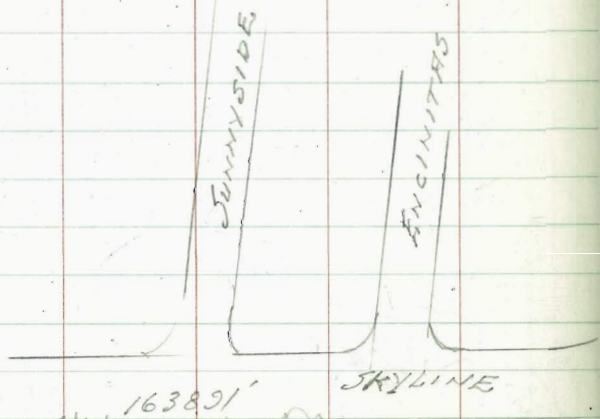


AERIAL SURVEY

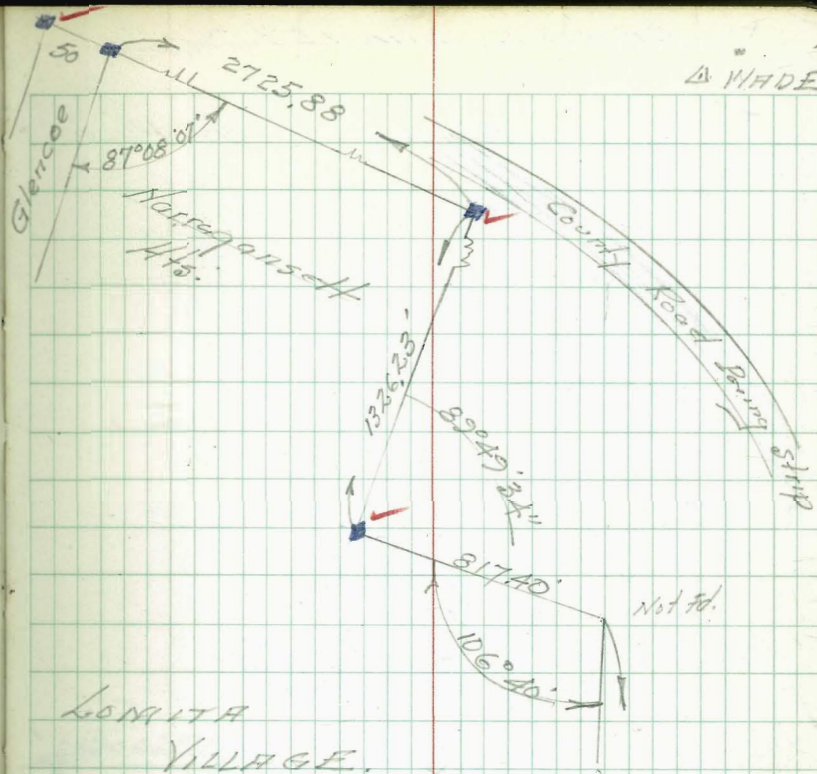
Angles
to Dist. shown are from T.P. 24
11-12

Cont
P. 13

Cont. P. 11



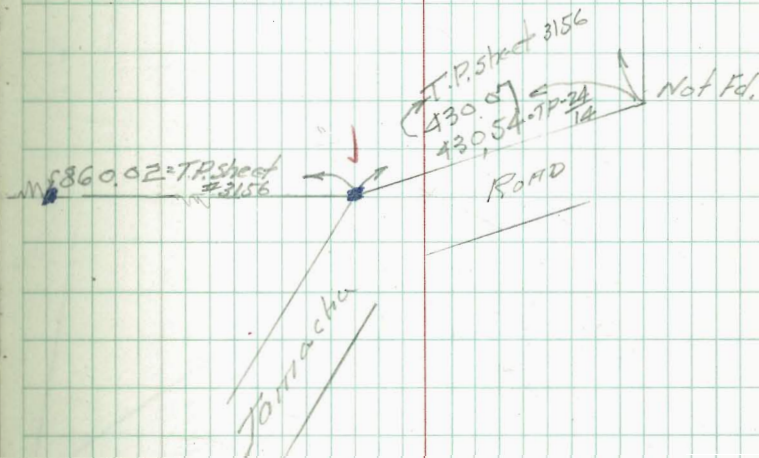
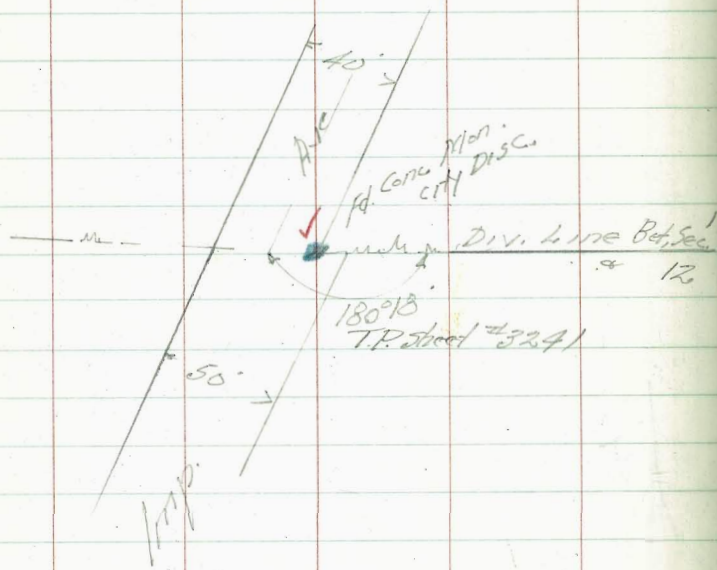
12
B WADE



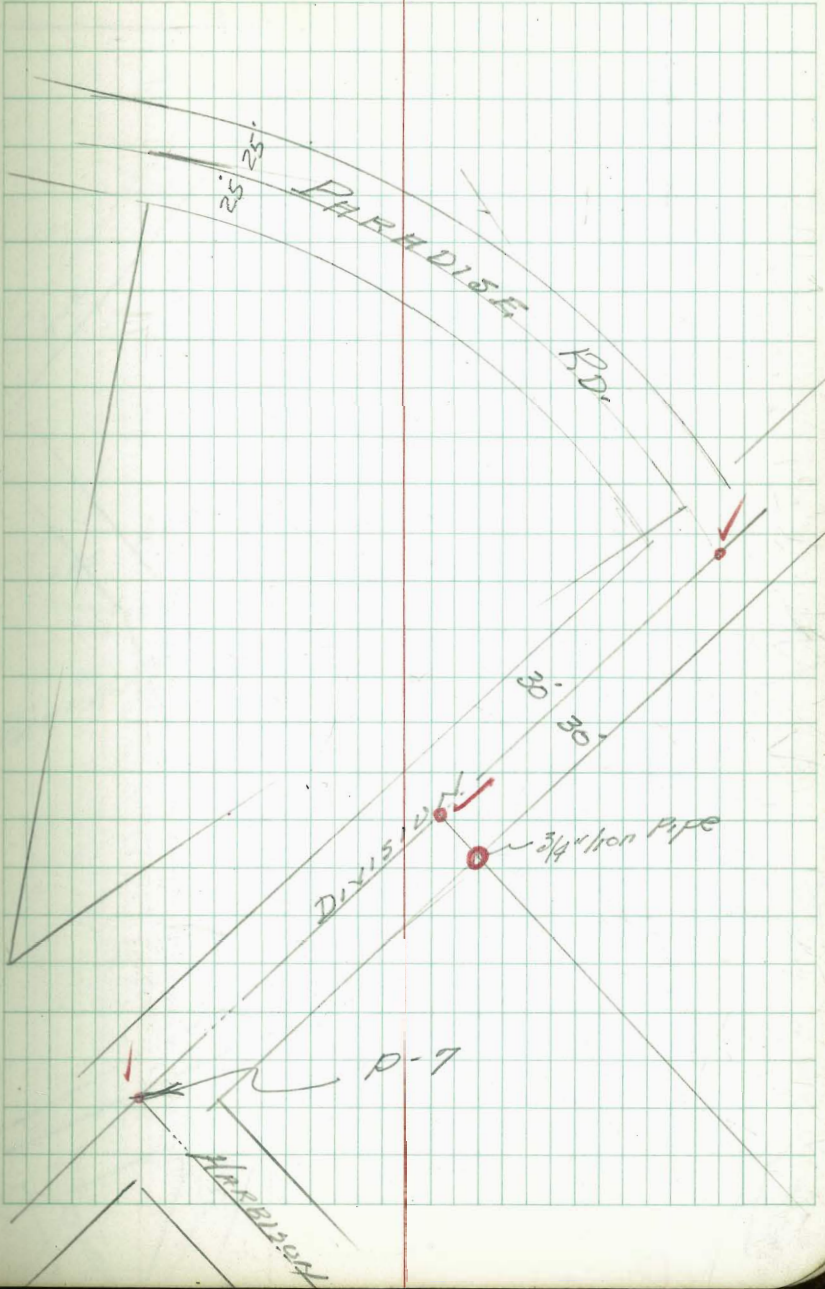
1800.07
Not Ad.

~ AERIAL SURVEY ~

✓ Points Identified on Photo



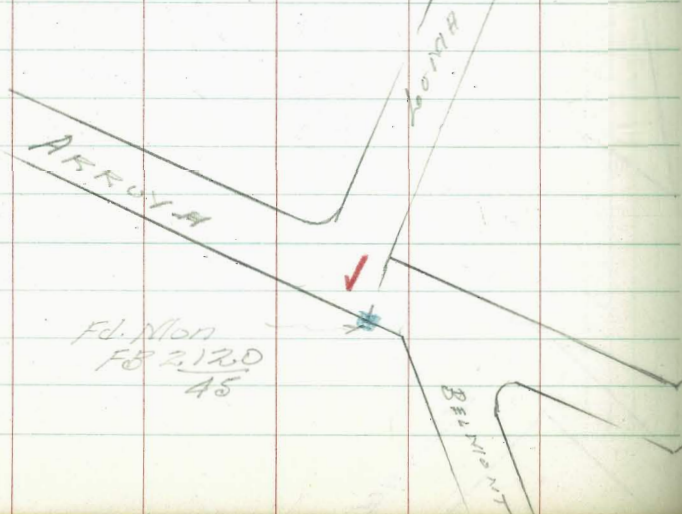
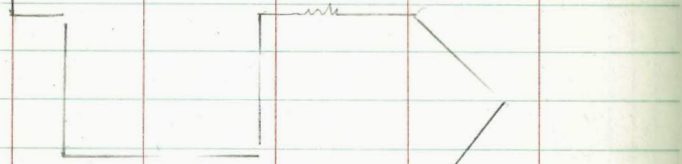
AERIAL SURVEY



Map #2,820

RE1534

RE1534

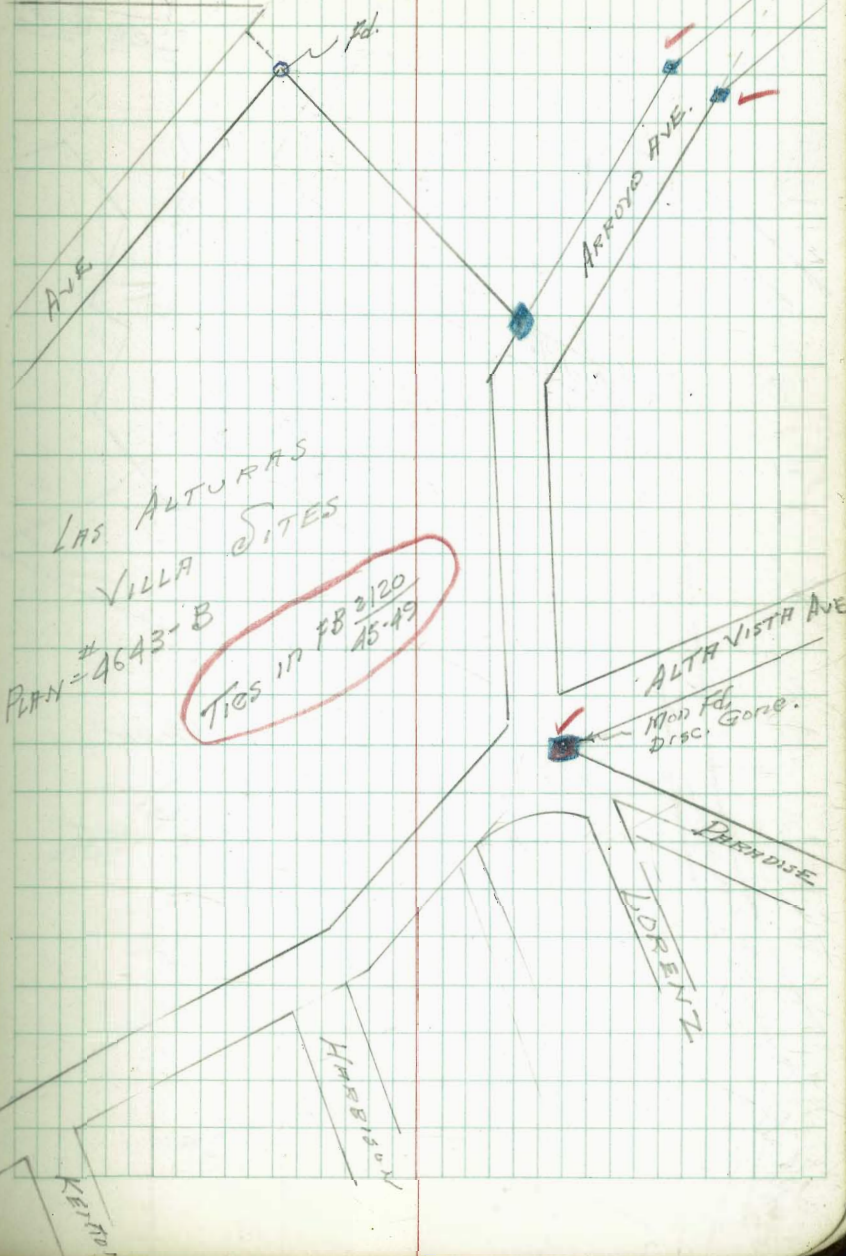


Fd. Mon
FB 2,120
45

AERIAL SURVEY

Points identified on Photo 2-1554

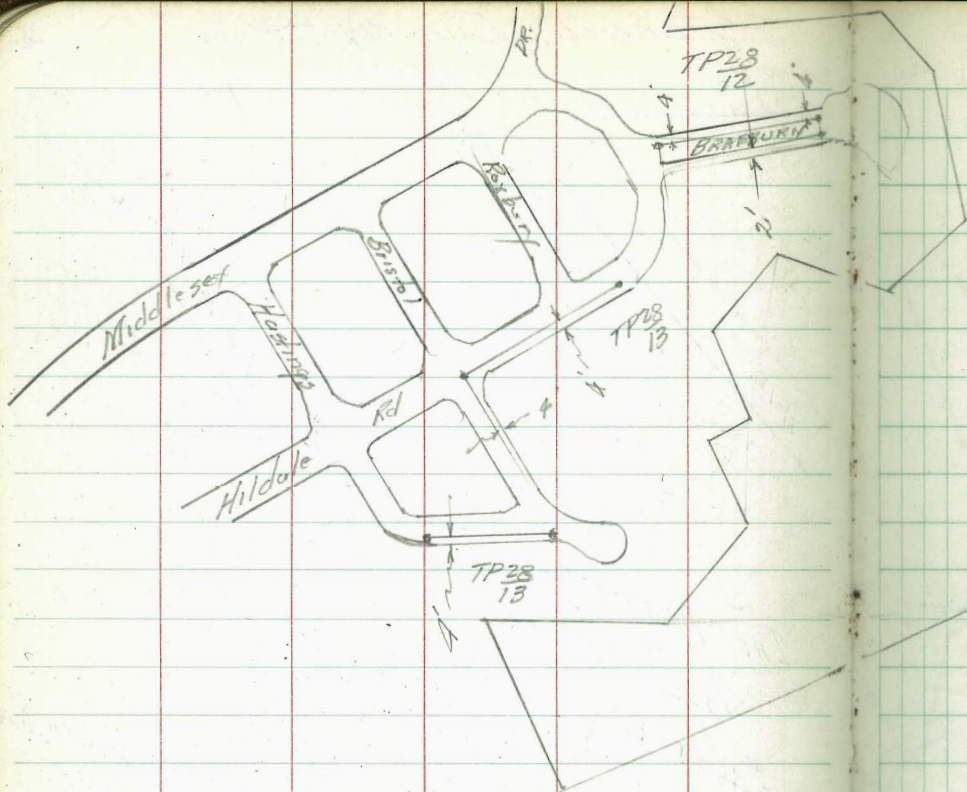
15



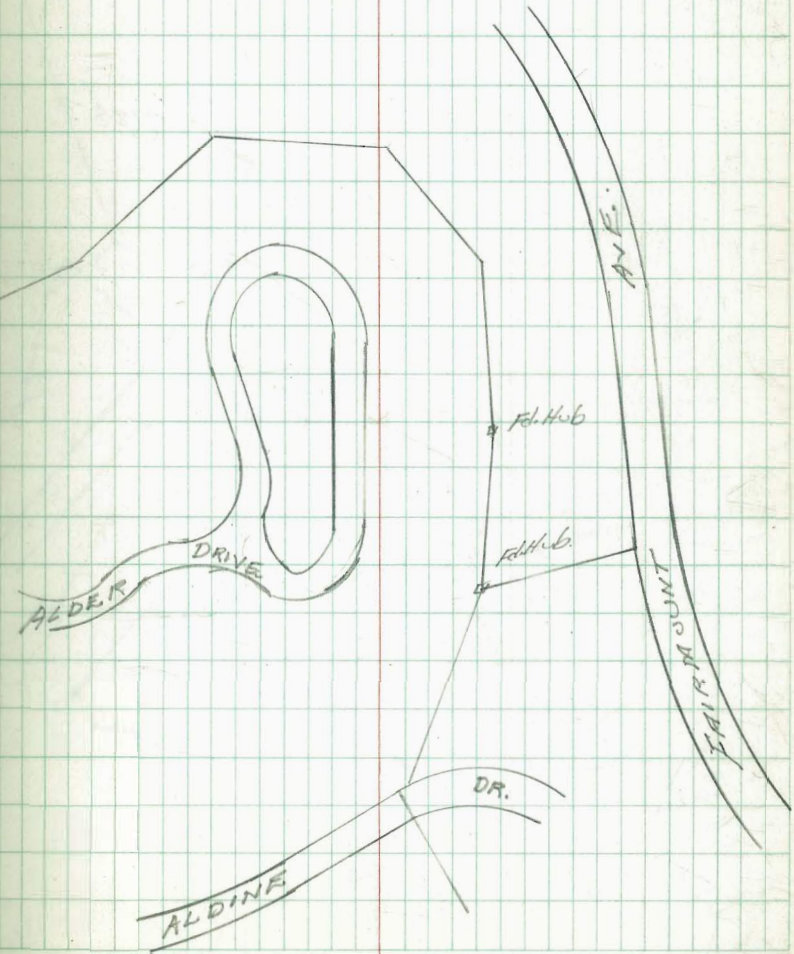
LAS ALTURAS
VILLA SITES
PLAN #4643-B

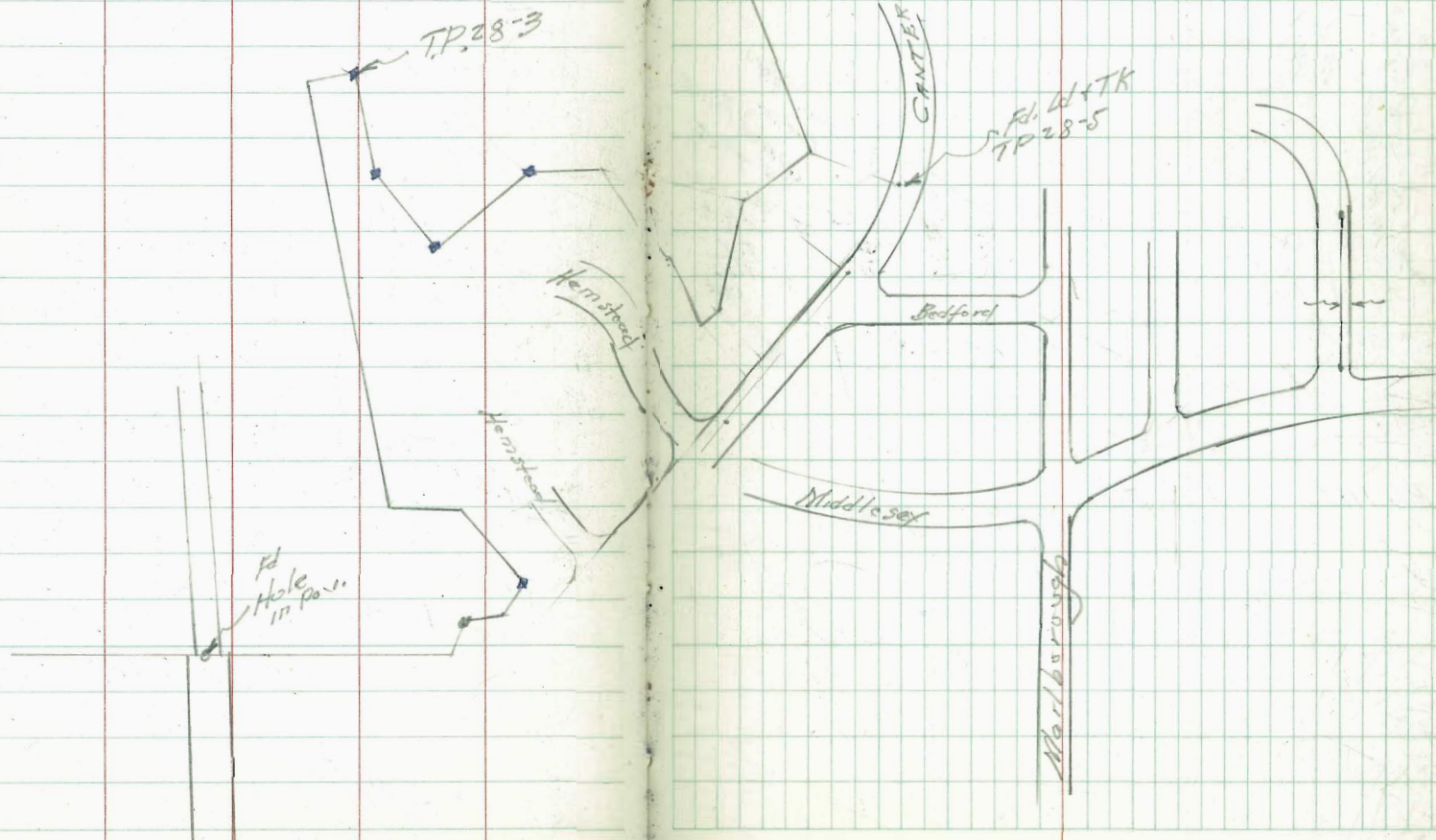
TICS in FB 2,120
45-49

Mod Fd.
Disc. Core.



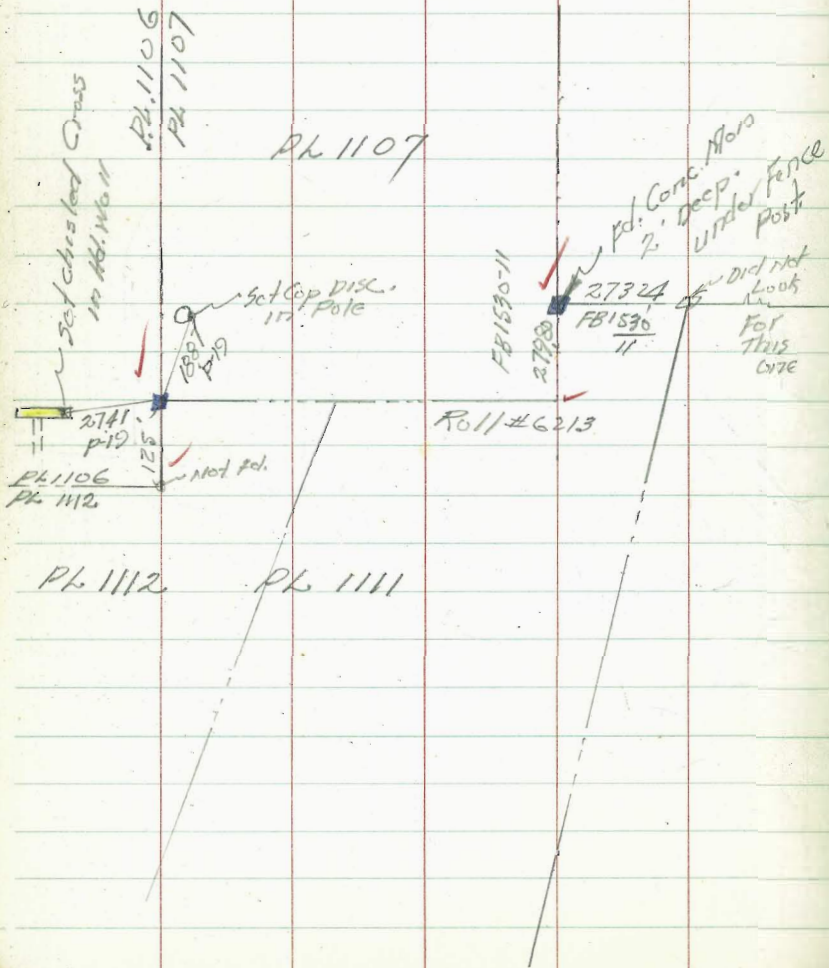
TALMADGE PARK
 UNIT NO 2
 MAR 1875



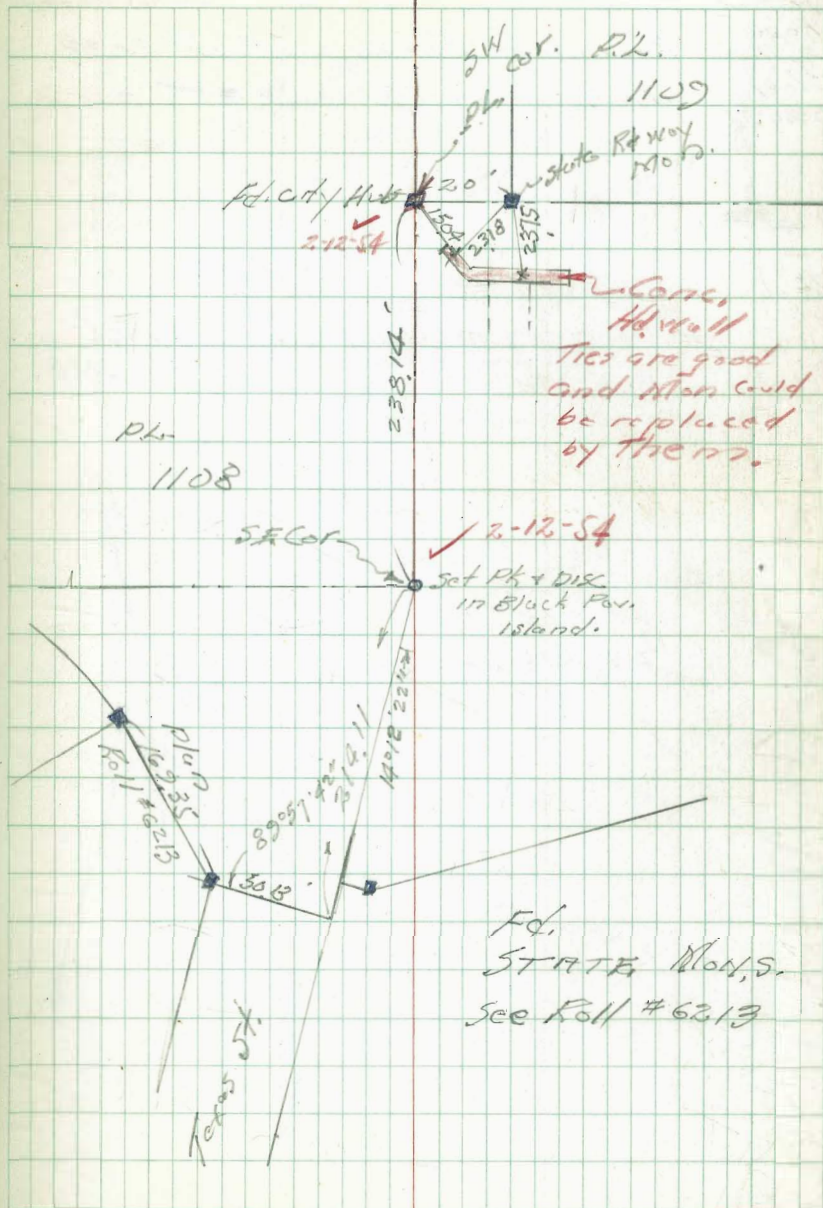


AERIAL SURVEY

Walker
Pope, Fuller,
Olov, 10-19-53

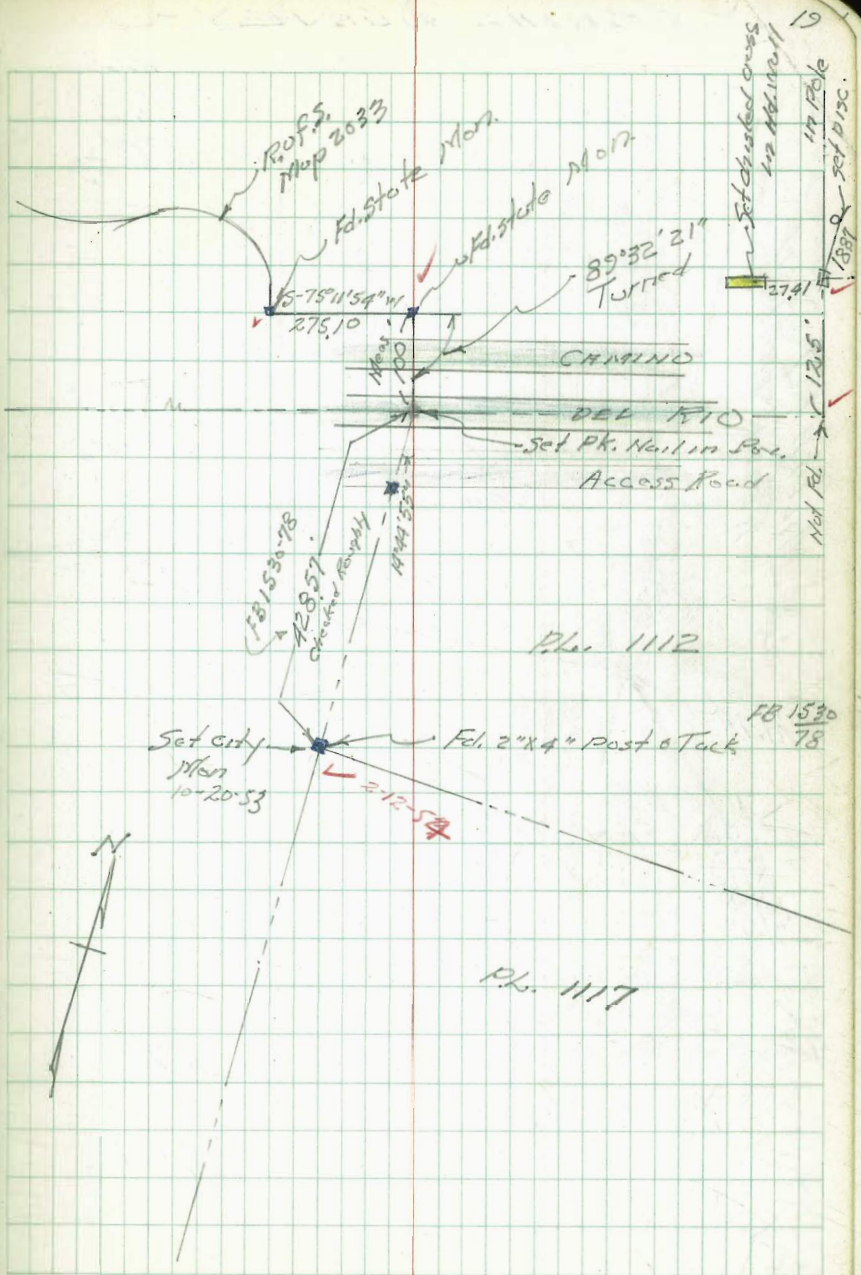
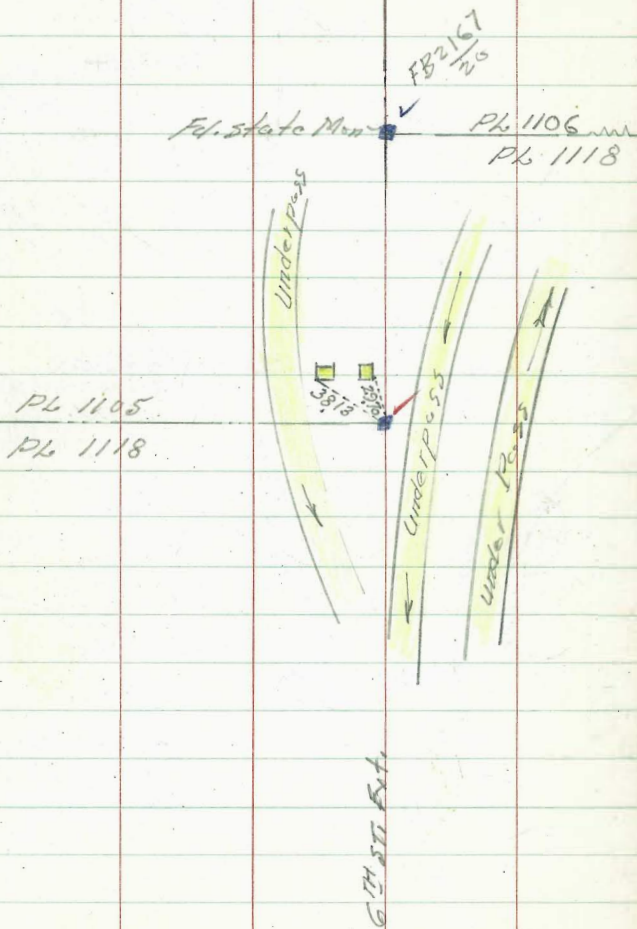


18



~ AERIAL SURVEY ~

Walker State Mon. Fd. = ■ Except as Noted
 Pope Record of Survey Map # 2033
 Puller Identified on Photos = ■ ✓ 2-12-54
 Olow 10-20-53

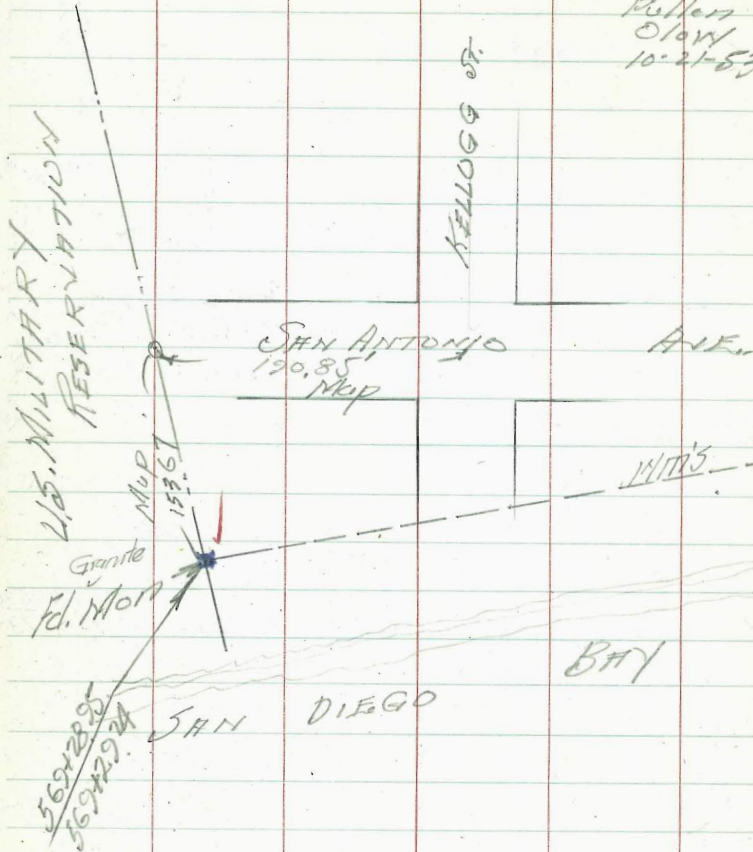


19
 Set charred cross
 in hole in 11
 17 1806
 1387
 Set disc.
 13.5'
 Not Fd.

Pl. 1117

~ AERIAL SURVEY ~

Walker
Pope
Kullen
Olson
10-21-53

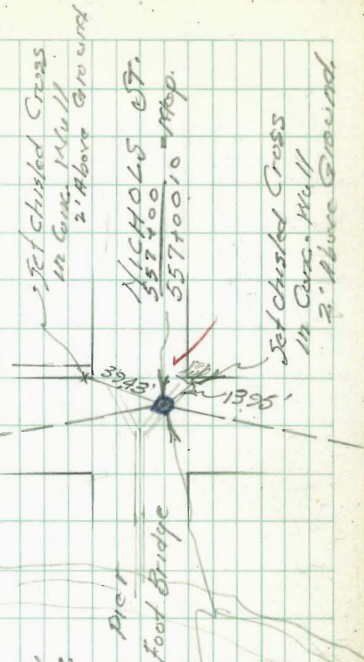


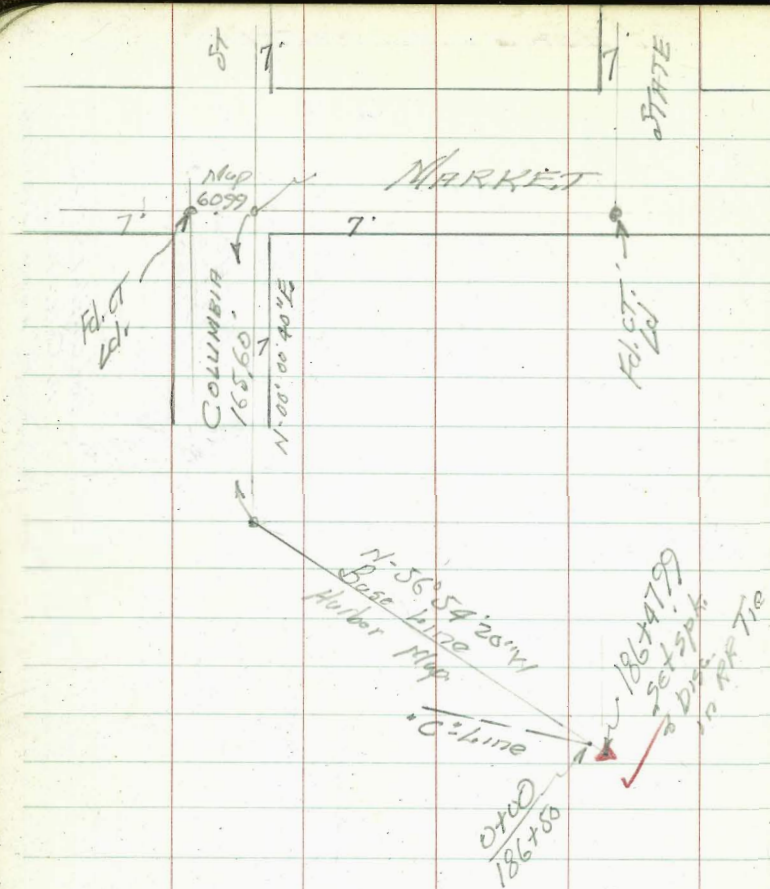
BASE LINE
Harbor Map.

Note: Banded
Yellow piers
in Footbridge
above Mon.

2"
Fch. Pipe & Lds. Th.
Set in Conc.
Set by Harbor Dept

30





AERIAL SURVEY

21

Location Points

on MITT's Base Line

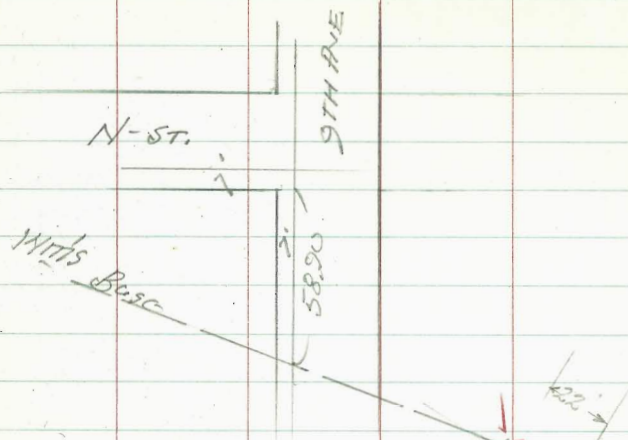
M.H. Tide Survey

Harbor Map

Hubert
Pope
Patterson
Olson
10-27-53

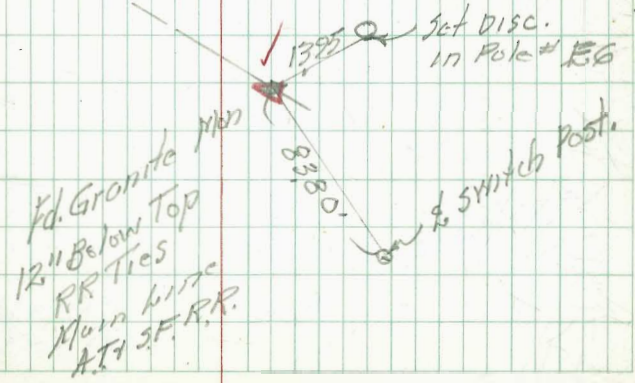
✓ Points identified on photo 2-11-54

AERIAL SURVEY



148x46.
 Fd 2" Pipe
 with 2" ply
 Set in Conc.
 by Harbor Dept.

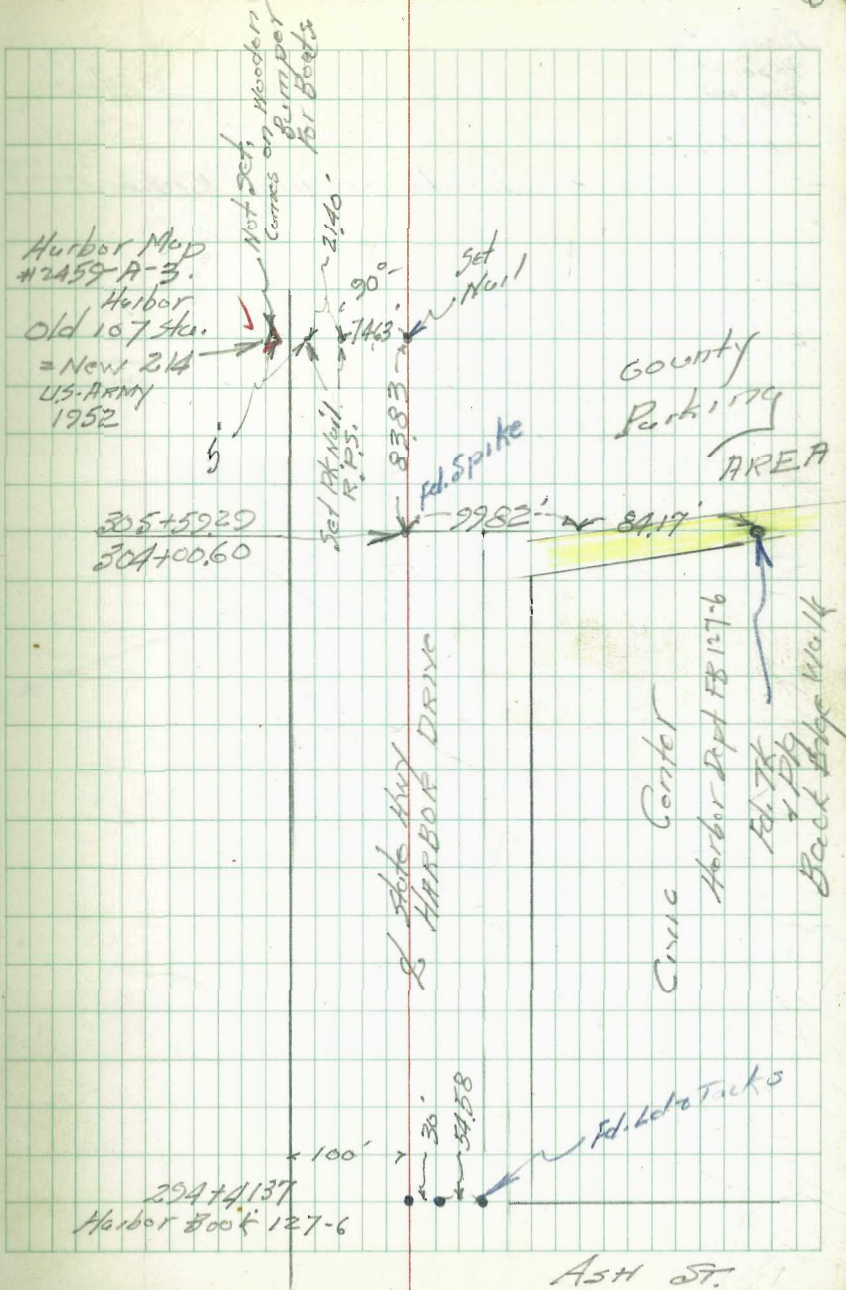
Witts Harbor Map.



~ AIRIAL SURVEY ~ Points

Mulker New Bulkhead 1117E
 Pope
 Pullen To be identified.
 Olaw
 10-22-53

✓ = Identified on Photos



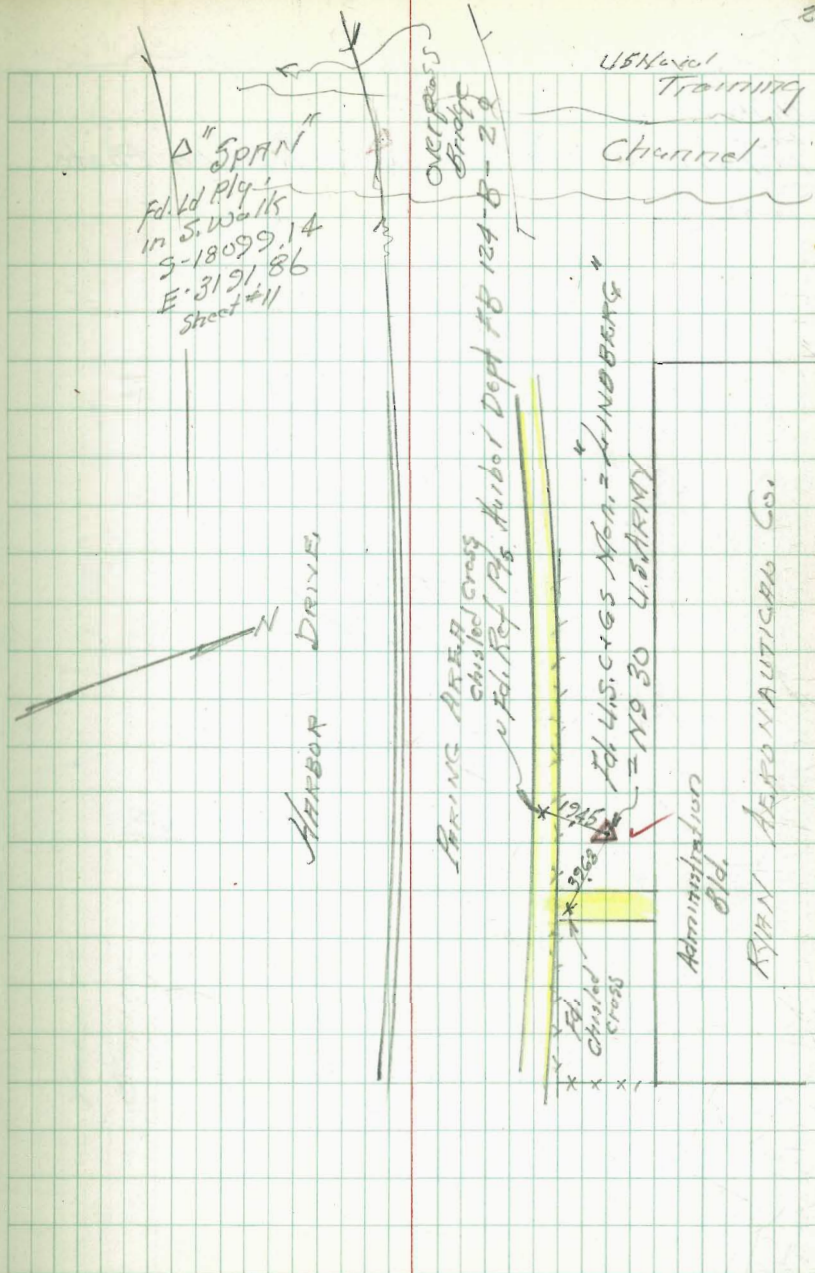
AIRIAL SURVEY

Walker
Pope
Pullen
Olson

2-11-54

✓ Points identified on Photo

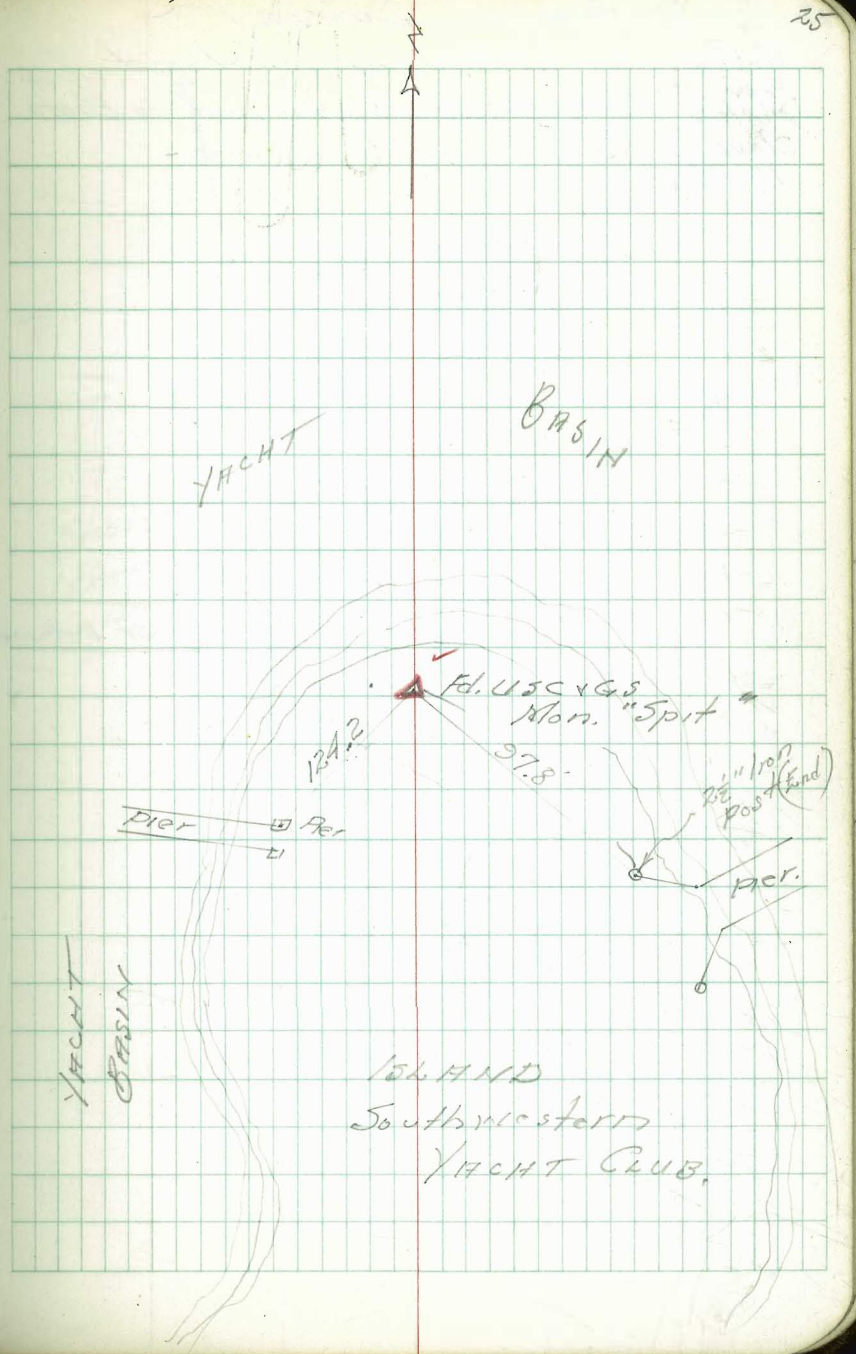
10-22-53 which are old Town Coords,
Surrey
To facilitate Plotting Blvd. Hd, 1952/



AERIAL SURVEY

Mulker
Dope
Pellers
Olwy
15-27-53

2-12-54
✓ = Points identified on Photo



~ AERIAL SURVEY ~

Walker
Pope
Pullen
Olson
10-27-53

Shelter Island 2-12-54

✓ = Points Identified on Photo

BYRON ST EXTENSION

Shelter
Parkway
Island

sub line

JAN DIEGO

BAY

CHANNEL

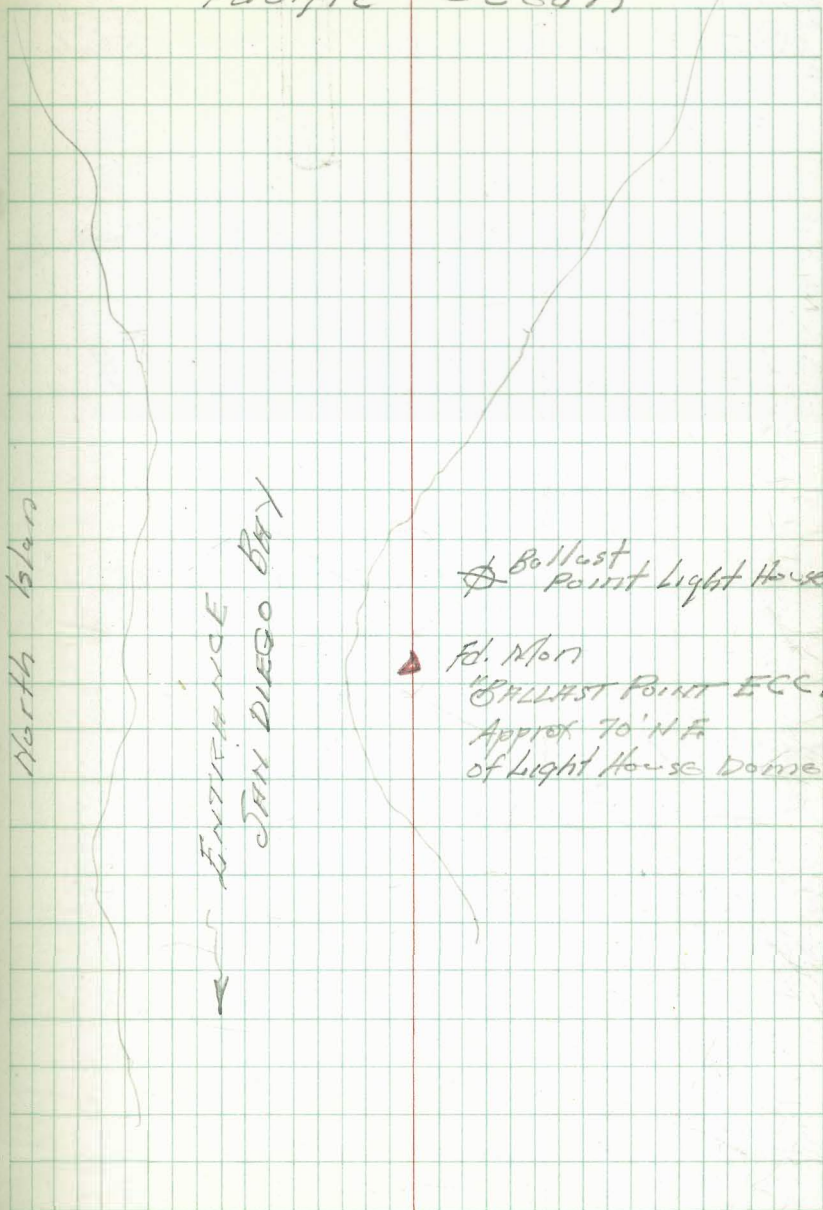
Station on BEACH
"ISLE"

AERIAL SURVEY

Walker
FOPC
PAllen
Olav
10-23-53

✓ - Points identified on Photo

Pacific Ocean



North Island

ENTRANCE

SAN DIEGO BAY

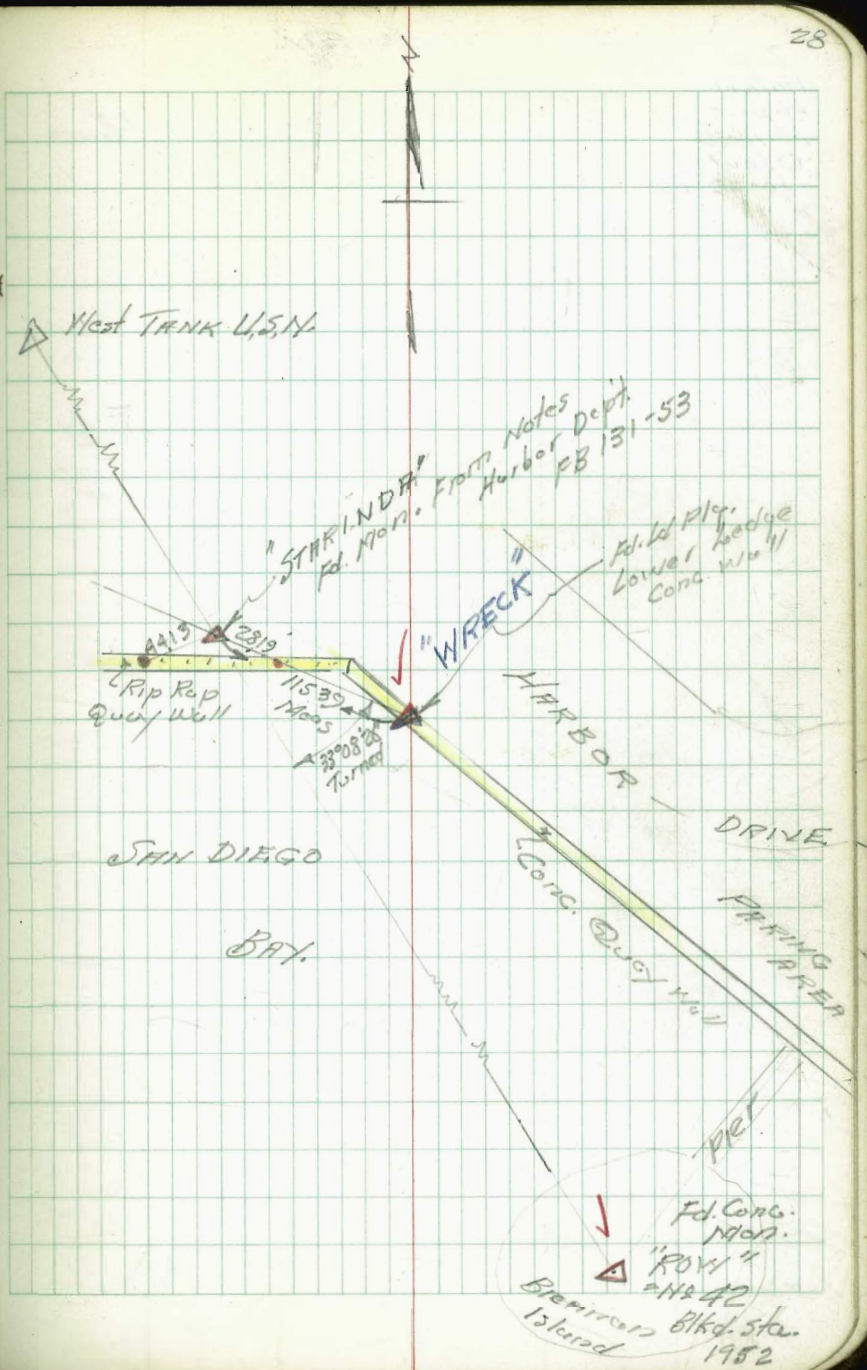
⊗ Ballast Point Light House

▲ Fd. Mon
BALLAST POINT ECC.
Approx 70' N.E.
of Light House Dome

AERIAL SURVEY

Walker
Page
Pollen
Olson
10-23-53

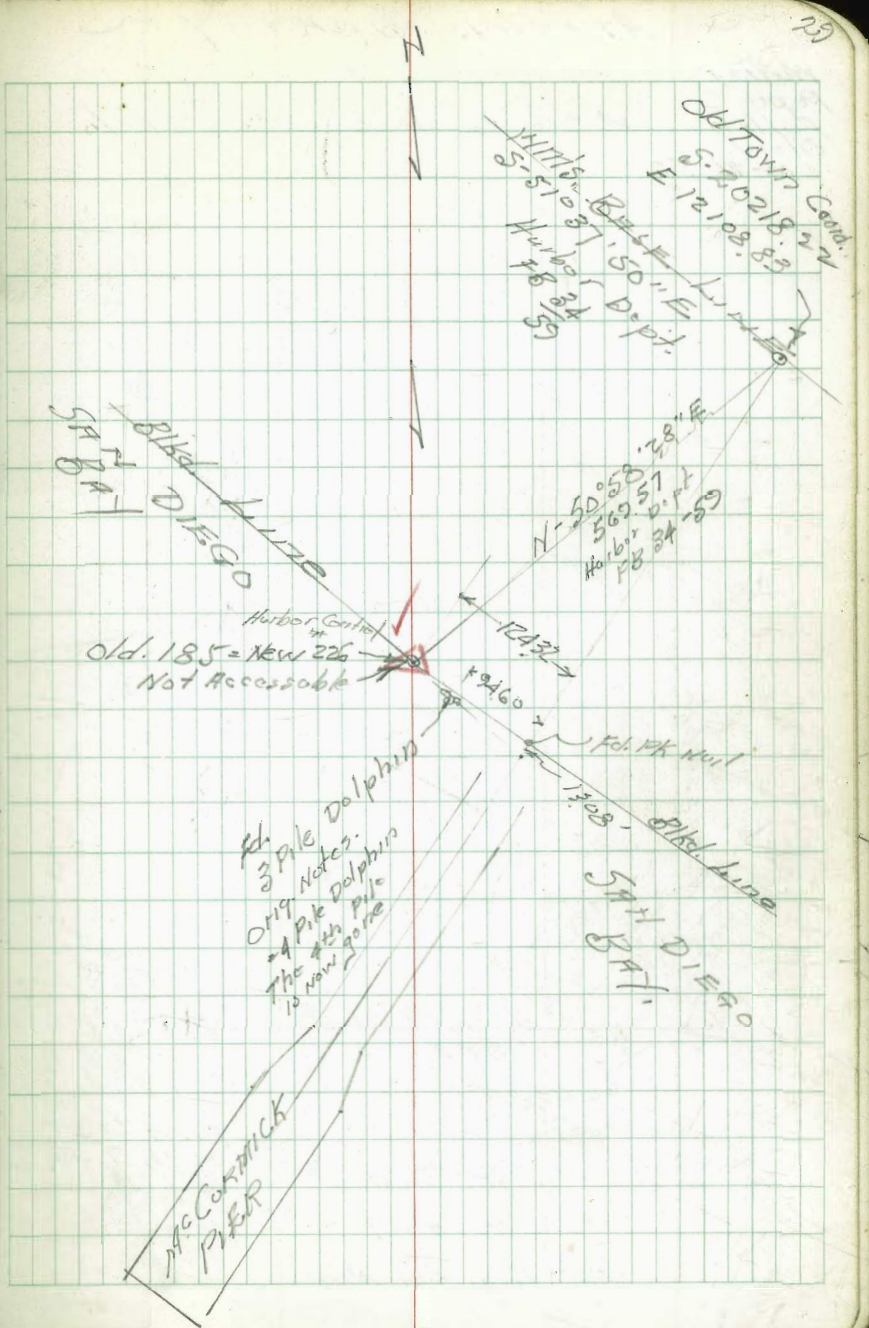
2-11-54
✓ = Points identified on Photo



AERIAL SURVEY

Walker
Pope
Fuller
Olov
10-29-53

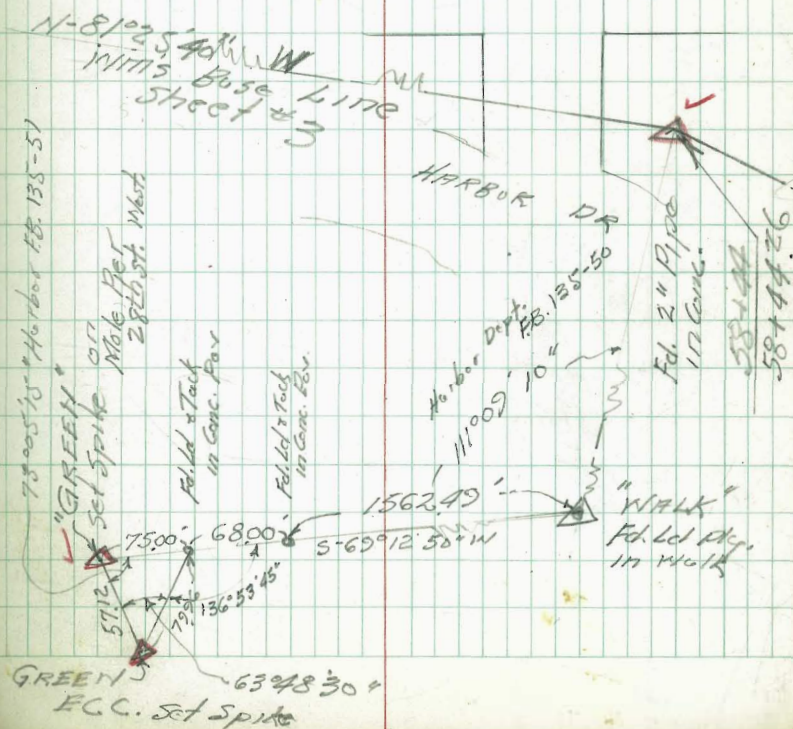
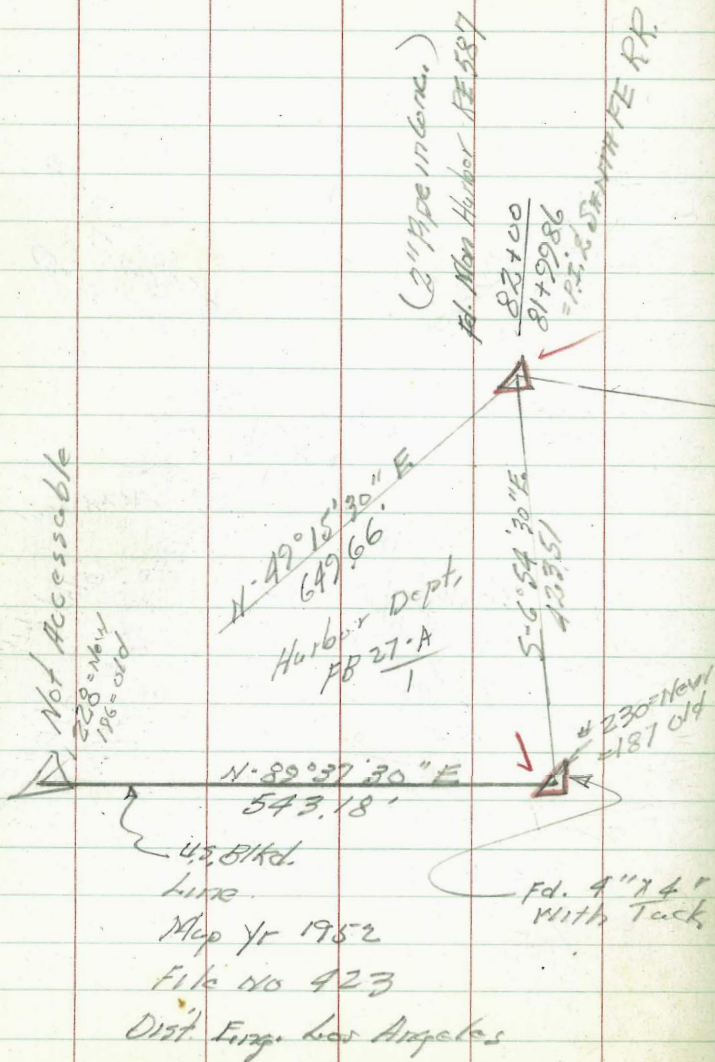
✓ = Points identified on Photo



AERIAL SURVEY

Walker
Pope
Puffon
O'Leary
10-26-53

✓ = Points identified on Photo



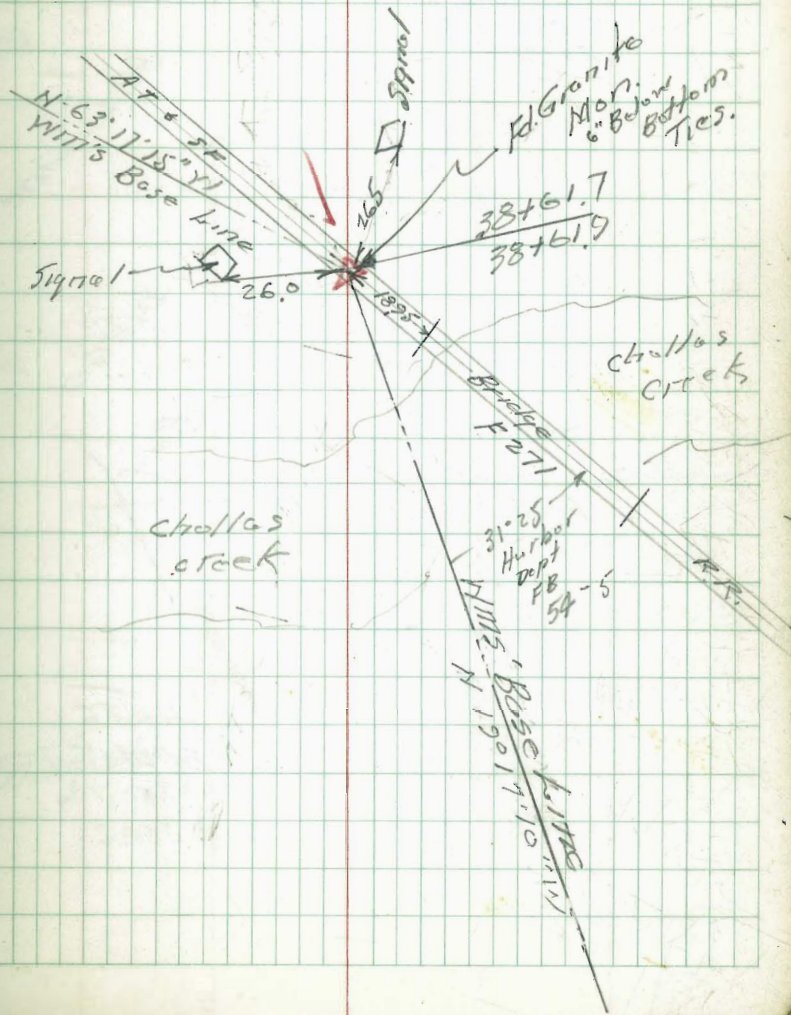
AERIAL SURVEY

Walker Point on Witt's Base line
 Kellen Pipe clay at Chollas Creek

10-53

2-11-54

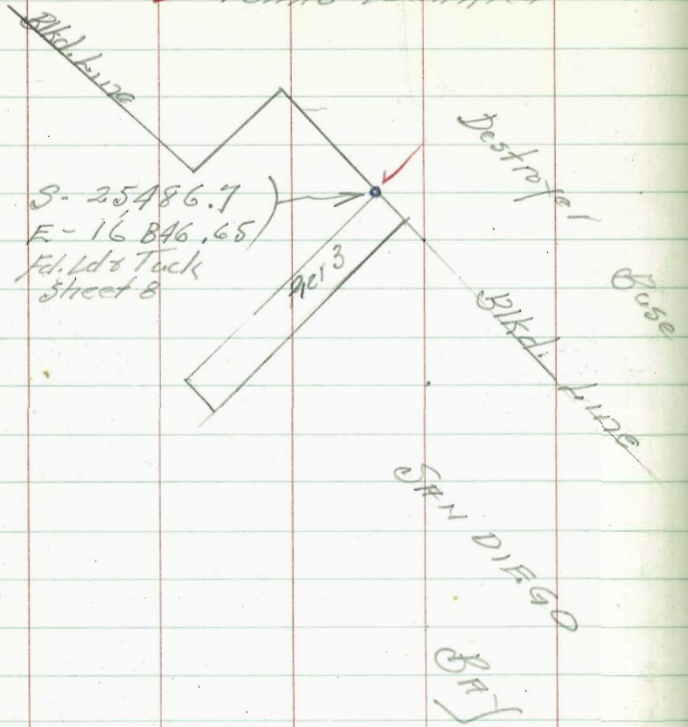
✓ = Points identified on photo



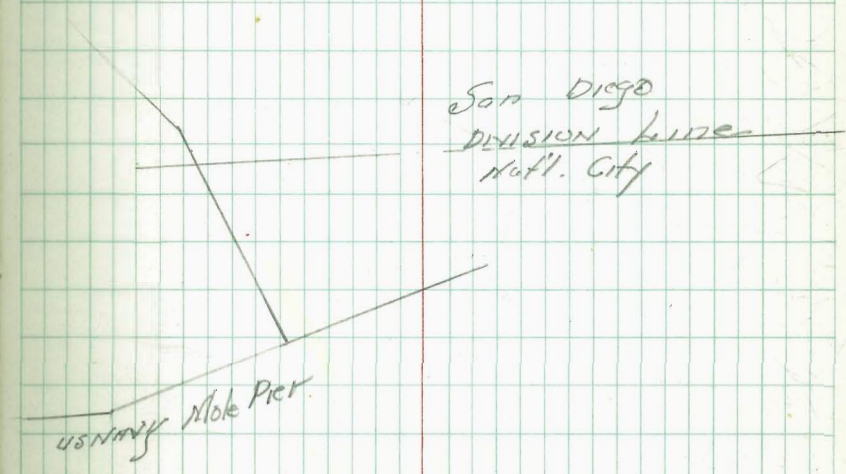
AERIAL SURVEY

✓ = Points identified 2-11-54

Mulkey
Pope
Pullen
Olson
11-2-53



Sheet 6
Fd. Lds Tack ✓
S. 29,540.70
E. 19,304.20



This page is a ledger with a header section at the top and 10 columns below. The columns are defined by vertical red lines. The first column is the widest, followed by a column of approximately half its width, and then eight columns of equal width. The page contains horizontal blue lines for writing.

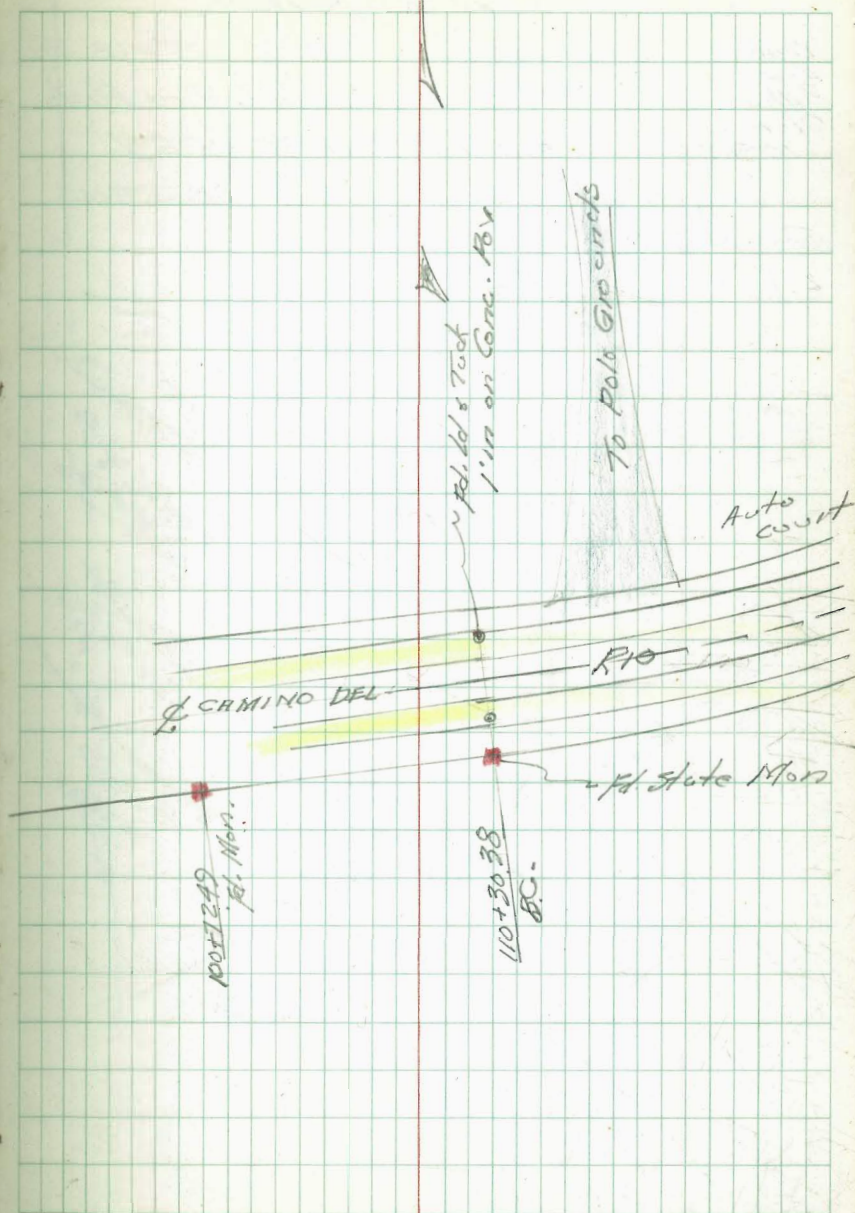
This page is a ledger with a header section at the top and a grid below. The grid consists of 10 columns and 20 rows, defined by green lines. The columns are defined by vertical red lines, with the first column being wider than the others. The page contains horizontal blue lines for writing.

AERIAL SURVEY

Melker
 Pope
 Pullan
 Olow
 10-30-53

✓ - Points identified on Photo

CAMINO DEL RIO



AERIAL SURVEY

Walker
Bopp
Pollen
Olson
10-30-53

GAINES & KURTZ - STATE HWY.

✓ = Points identified on Photo

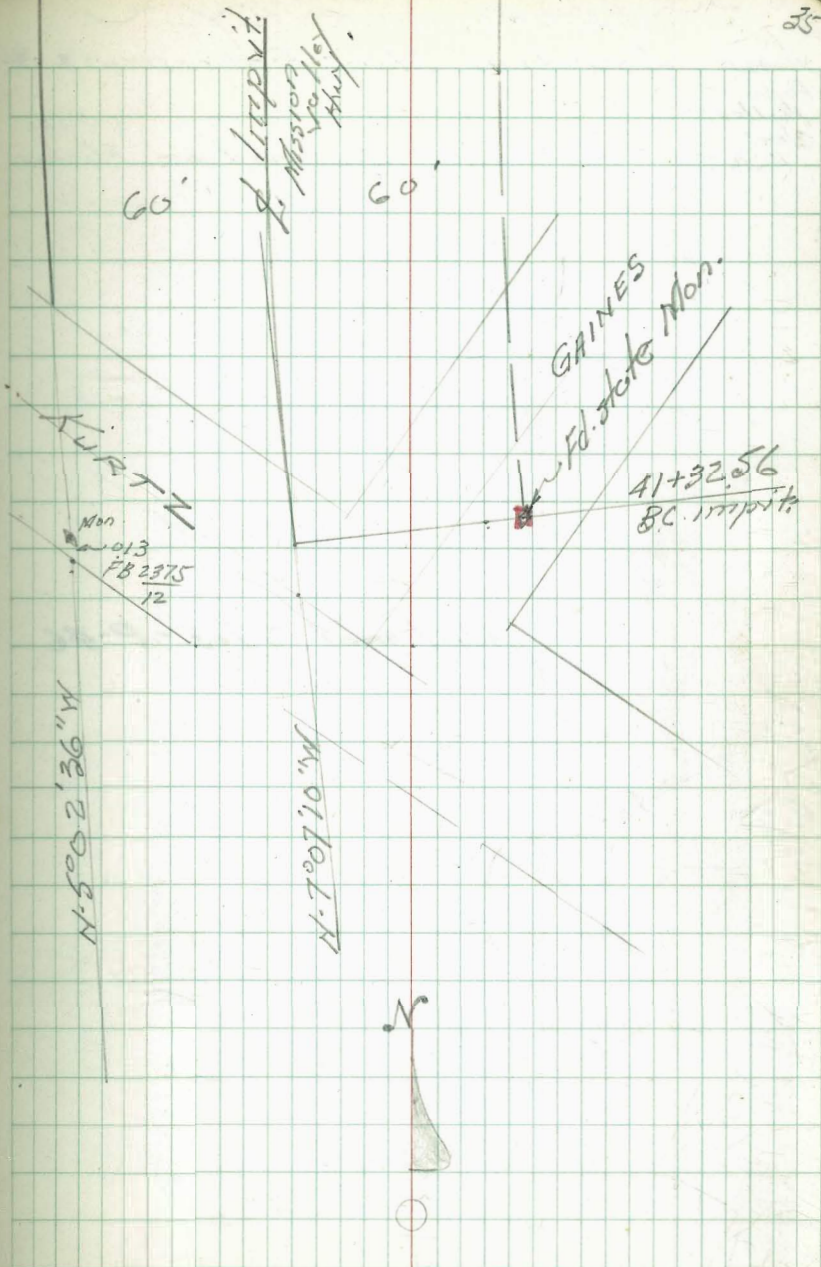
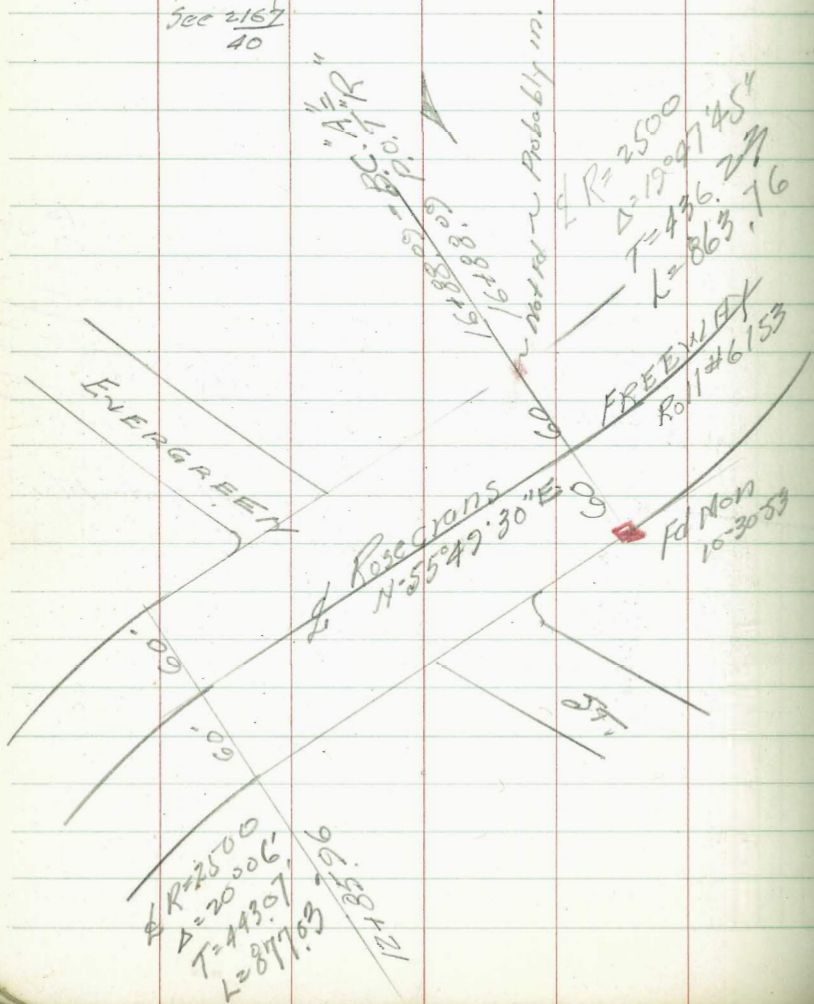
AND EVERGREEN
& ROSECRANS

Points Id

Note: PLS 278, 279, 308, 310

336, 337, 241, 240

See 2167
40

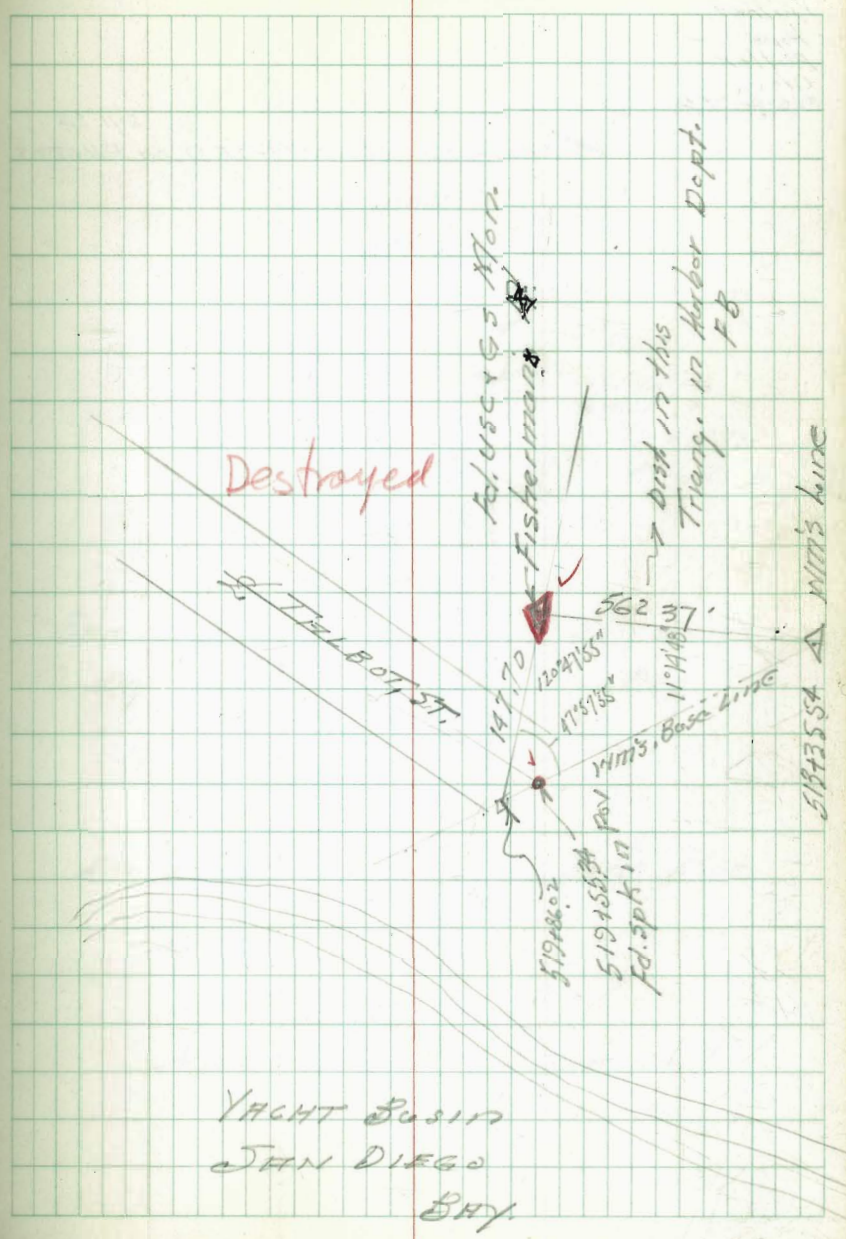


AERIAL SURVEY

Water Location Non-Fisherman #1
 Pope
 10/11/54
 10:30-53 ✓ = Points identified on Photos

2-11-54

Additional Tics - P-46



~ AERIAL SURVEY ~

Walker
Pope
Pulley
Olson
10-30-53

2-11-54

✓ - POINTS IDENTIFIED ON PHOTOS.

37



SAN DIEGO
BAY

✓
"PIER 1"

Fed. Id. Pk.
5 Mar

S-1127527 old
E-2, 231.41 TAVIN
Coords

120 ft
R.R. SPUR
EX. 2

"B-1" Pier

SAN DIEGO
BAY

SAN DIEGO
BAY

Biked Line

Biked Line

HARBOR

DRIVE

AERIAL SURVEY

Points Identified on Photos

11-2-59

Walker
Rope
Pullen
down

Cabrillo Freeway
From A-st. To Mission Valley
Stations are Taken from ROW Roll
#6218

80+54.50

BC-
LT.

N 24 55' E
242.48

Fd. Mon.
"State"

78+12.02
BC

R=2000'
Δ=39°43'
T=722.35
L=1386.37

CA+25.65
BC

N 14 28' W
567.07

58+58.58
BC

Fd. State
Mon

R=2250
Δ=14°49'30"
T=292.72
L=582.18

52+76.40
BC-LT

Fd. Corp. Mon.
"State"

N 00 01' 30" E

ABRIAL SURVEY

Puntas Ceballos Frecuoy

$R=5000'$
 $\Delta=10^{\circ}27'$
 $T=487.24$
 $L=911.93$

Bridge

107+79.62
 Fd. Ed. & Mark
 in Bridge Colim.

105+38.88
 B.C.

Fd. Mon.

N. 19° 12' E
 339.97

102+08.91

$R=1400'$
 $\Delta=27^{\circ}37'$
 $T=844.09$
 $L=674.80$

95+34.11
 B.C.

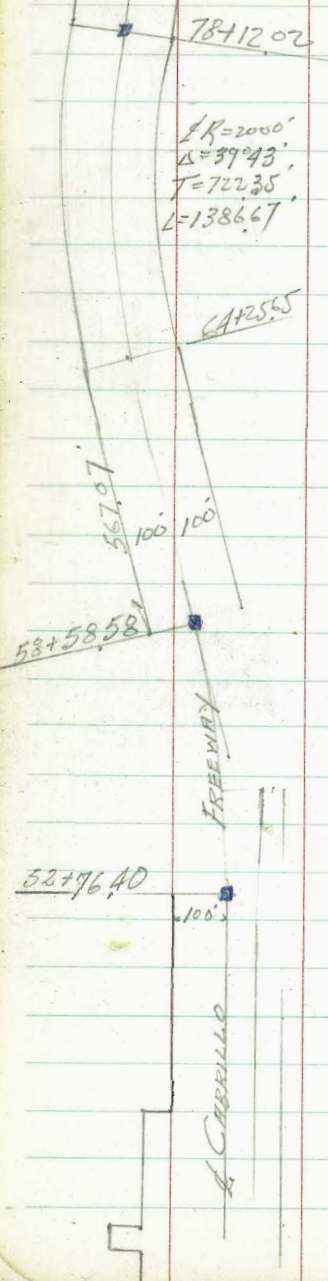
N. 37° 54' W
 317.54

92+16.57

$R=1300'$
 $\Delta=81^{\circ}13'$
 $T=623.89$
 $L=1162.87$

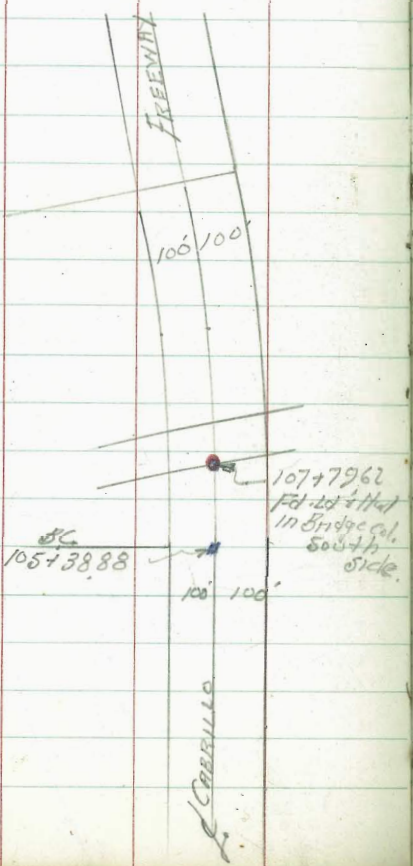
B.C.
 801.5450

AERIAL SURVEY
CARRILLO FREEWAY

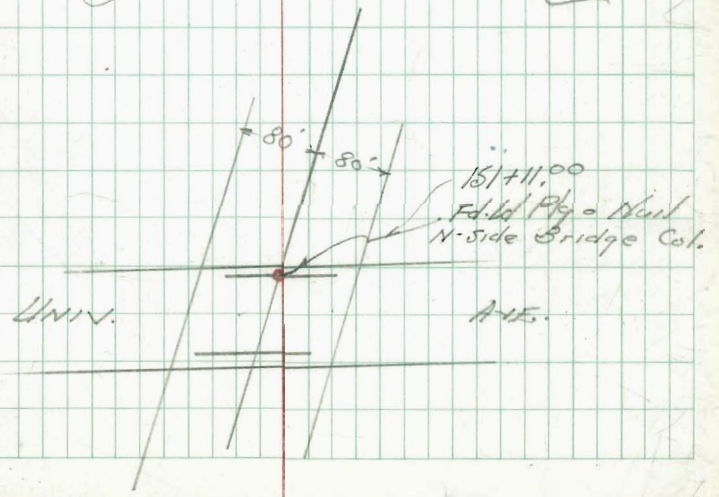
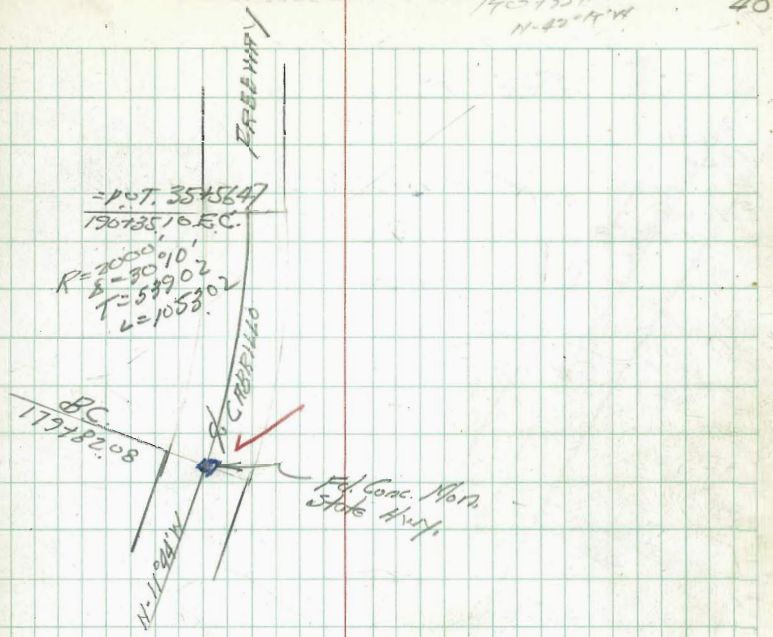


$R=2000'$
 $\Delta=39^{\circ}43'$
 $T=722.35'$
 $L=1386.67'$

- ✓ = Points identified
- = Fd. Conc. Mon. = State Hwp.
- Rt. Way Roll #6218
- = Fd. Hd. Nail in Bridge Col.



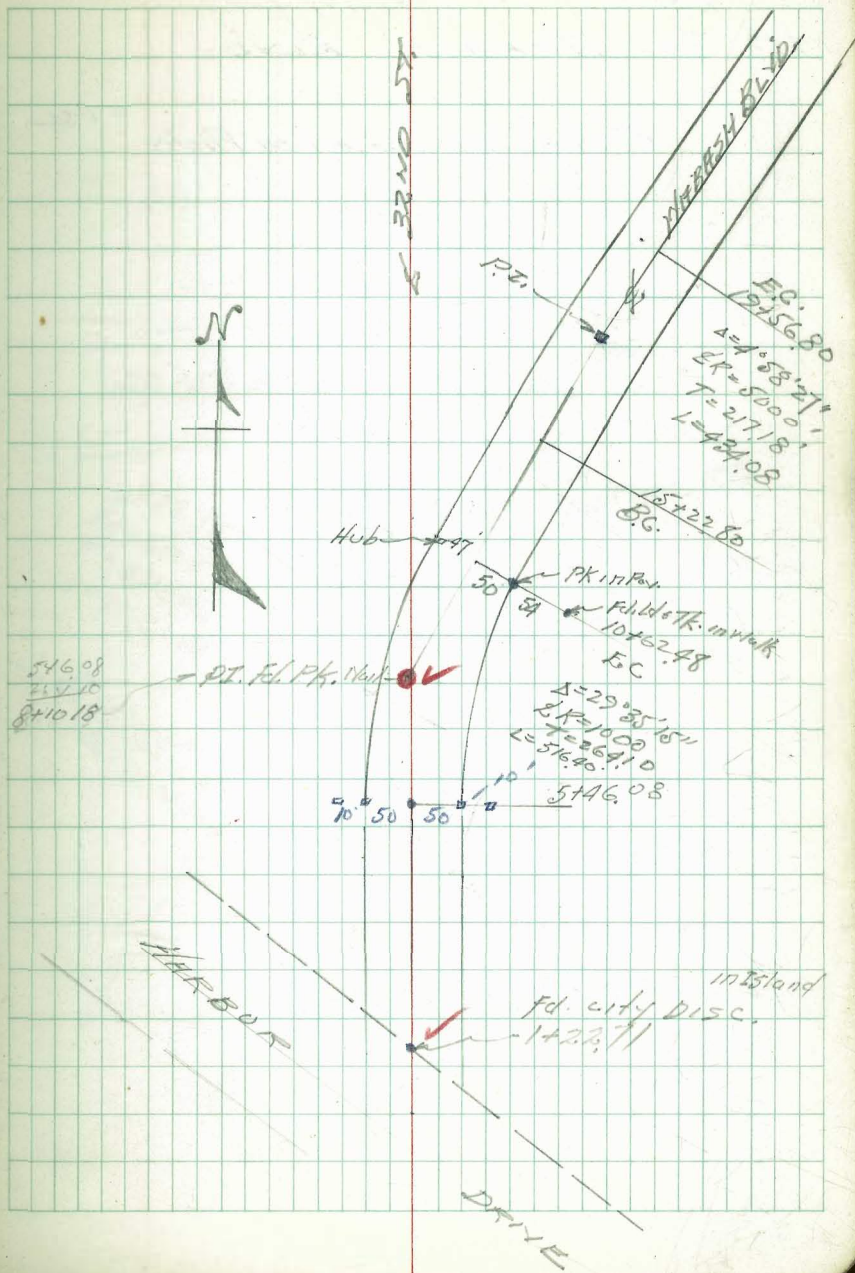
190+135.10
N-82°W



~ AIRIAL SURVEY ~
 POINTS TO IDENTIFY
 ON SEC. "B" - WASHINGTON BLVD.

Walker
 Pope
 Fuller
 Olney
 11-3-53

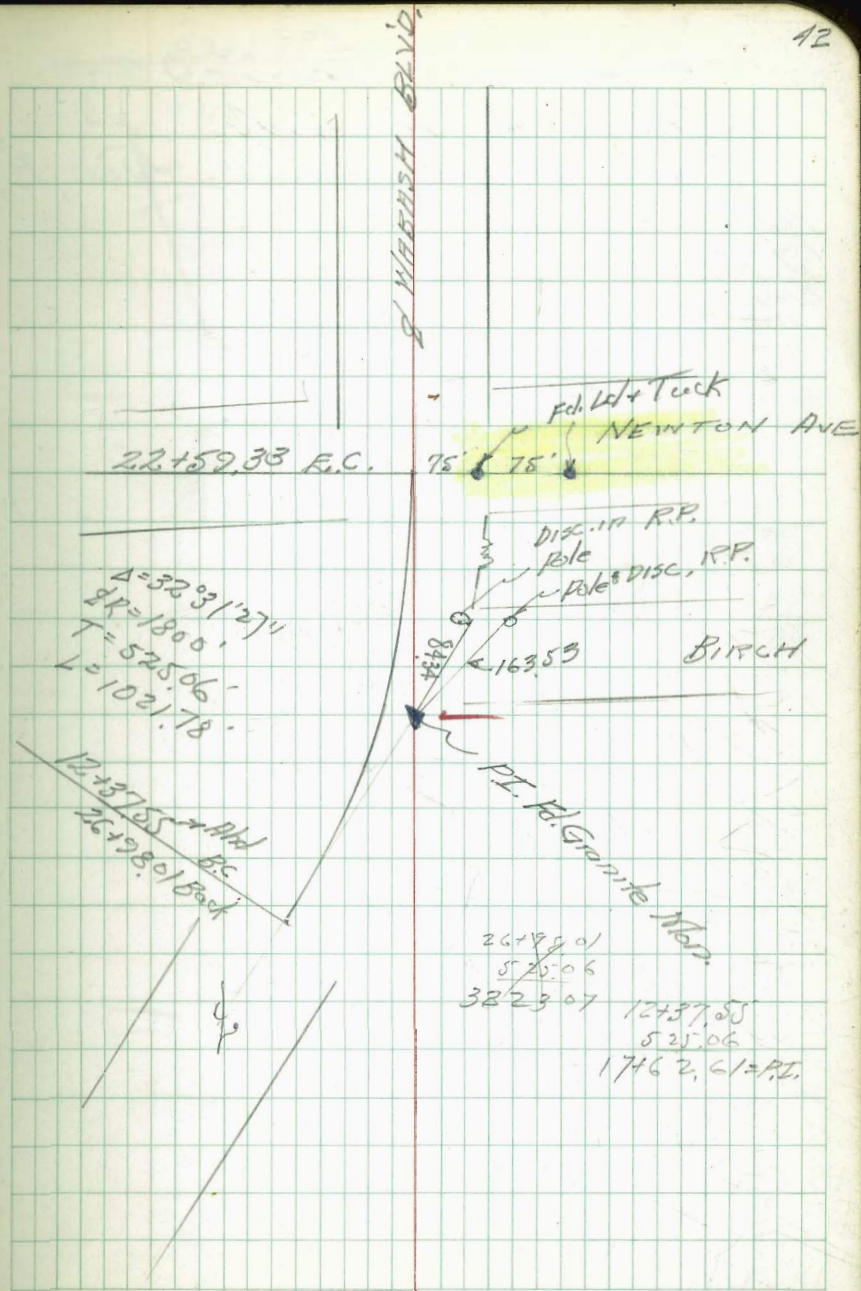
2-11-54
 ✓ - Points Identified on Photo



AERIAL SURVEY ~
 Points To Identify
 11353 on WABASH BLVD.

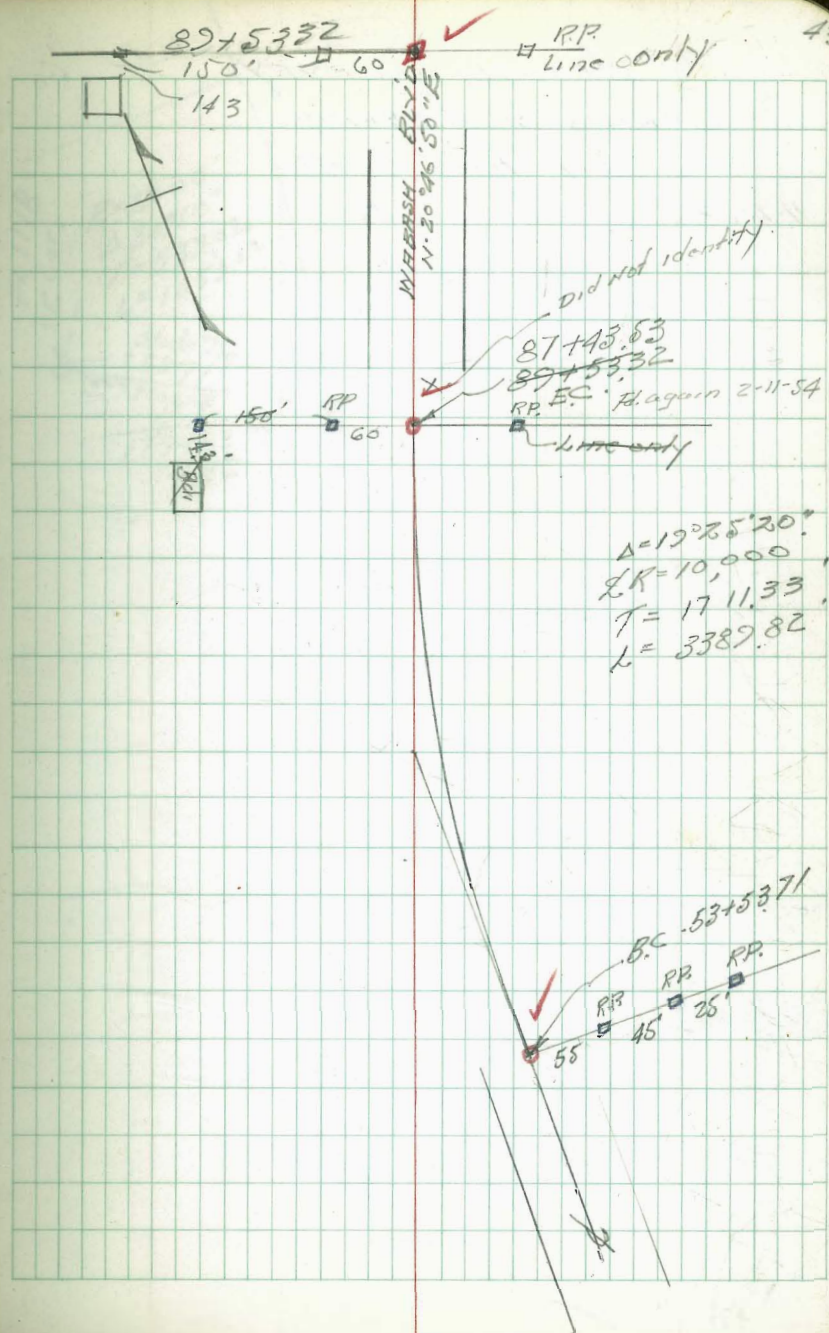
✓ = Points identified on Photos

2-11-54



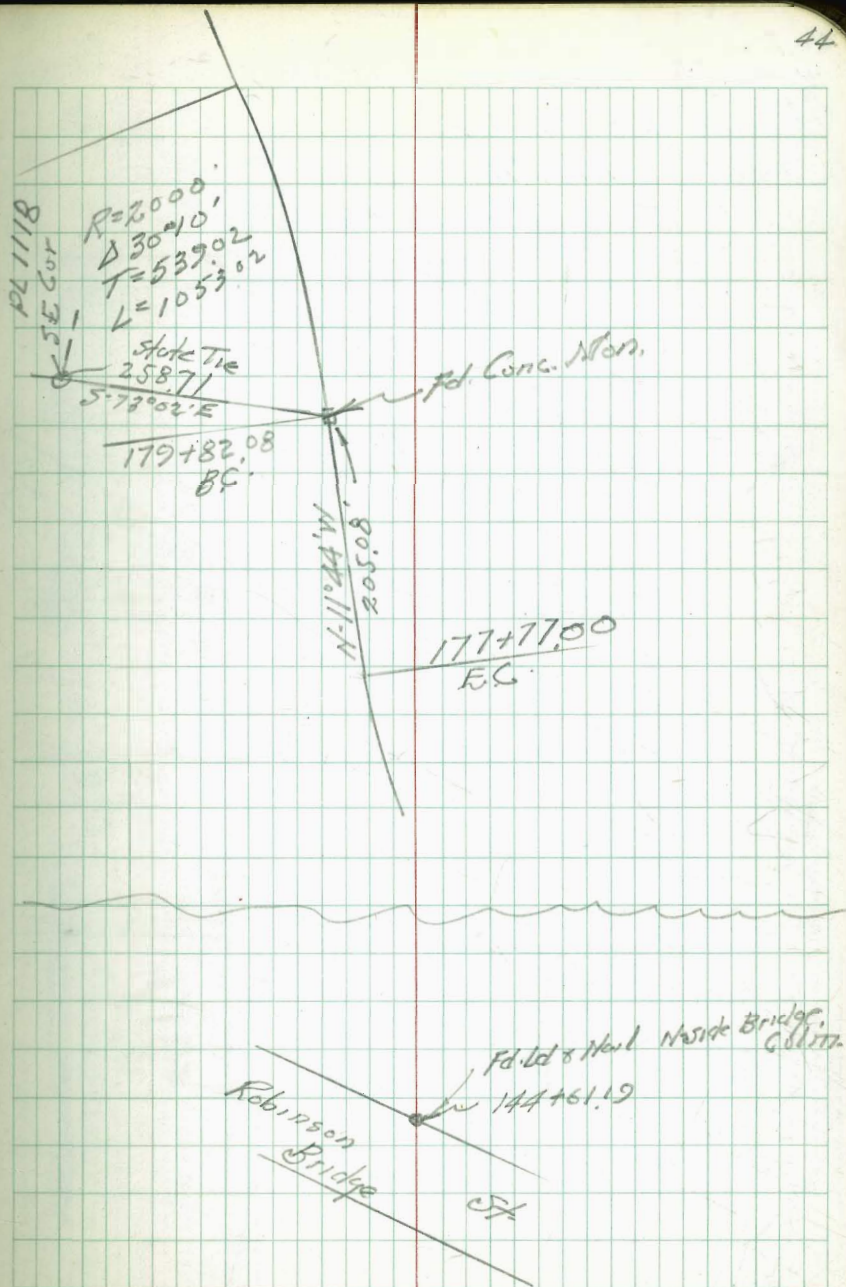
~ AERIAL SURVEY ~
 Points to Identify
 on WABASH BLVD. - SEC. B.

Walker
 Pope
 Puller
 Olson
 11-8-53



AERIAL SURVEY
CABRILLO FREWAY.
Cont. from p-40

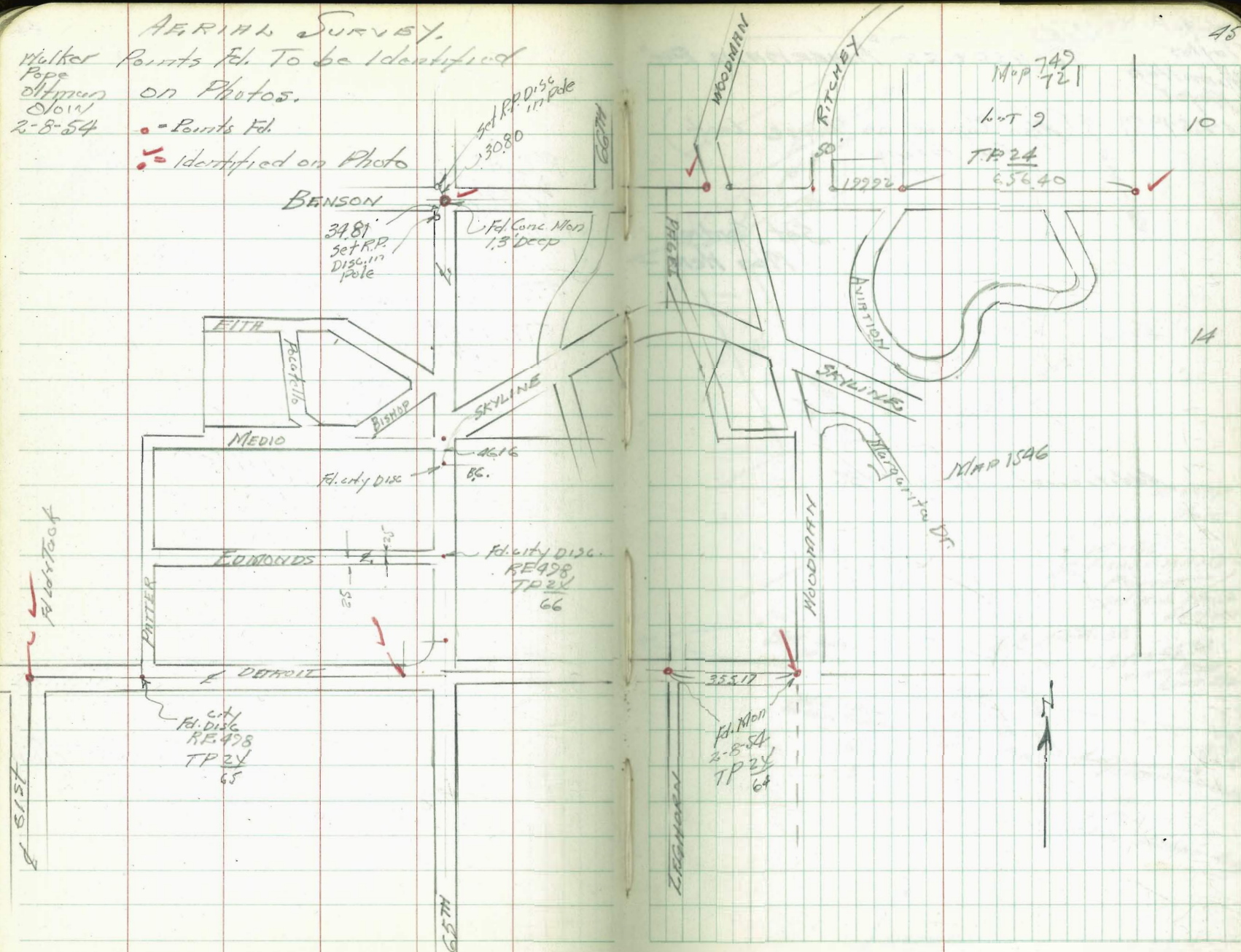
11-2-53



AERIAL SURVEY.

Walker Points Feb. To be Identified
 Pope
 Skymon on Photos.
 2-8-54

- - Points Feb.
- ✓ - Identified on Photo



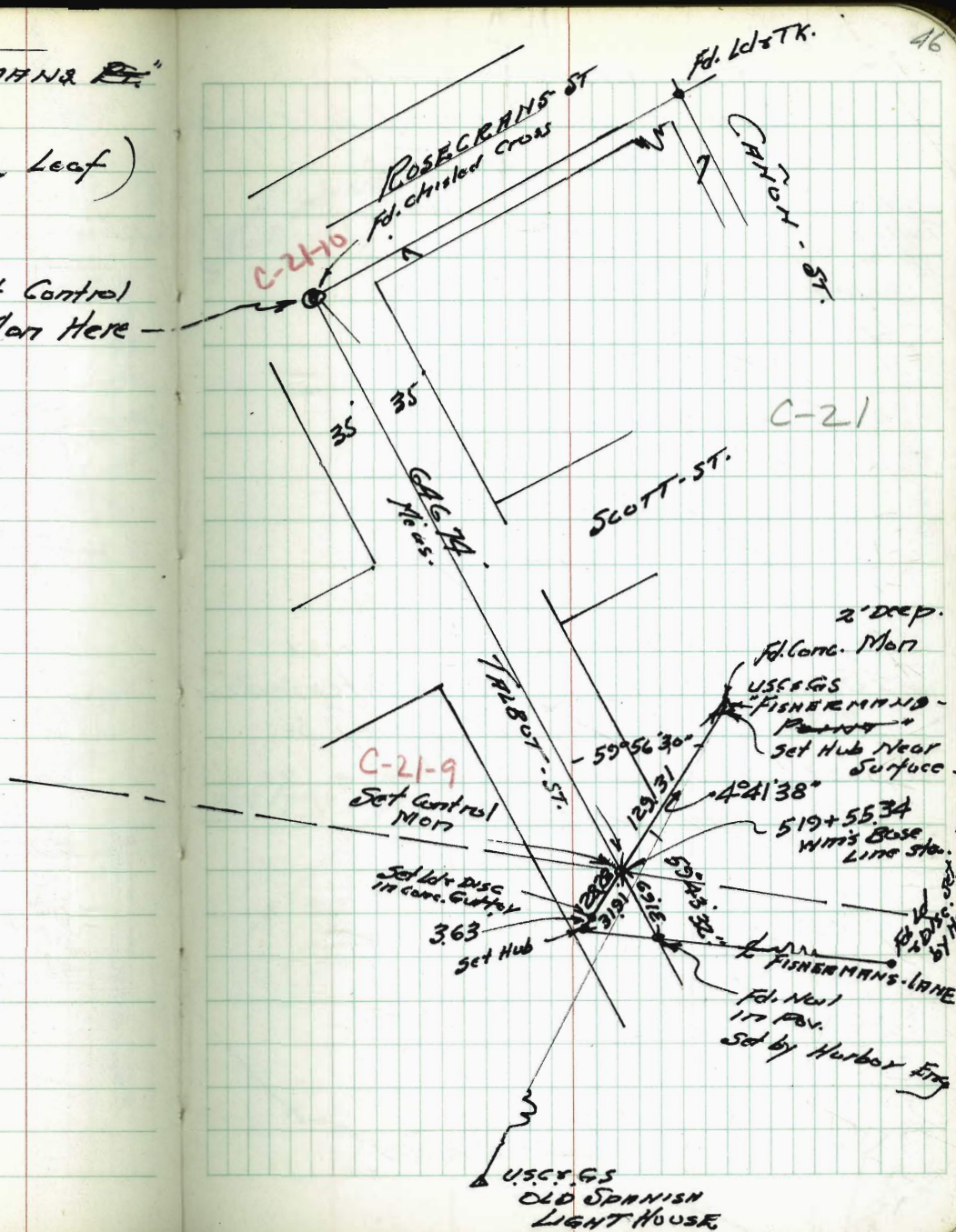
Wulker
Taylor
Hornillor
Meyer
4-25-1959

TIES -
TO USCGS "FISHERMAN & P."

(Also Copied on Loose Leaf
For Filing.)

Additional Tics P. 36

Set Control
Man Here -



USCGS BEACON No 1.

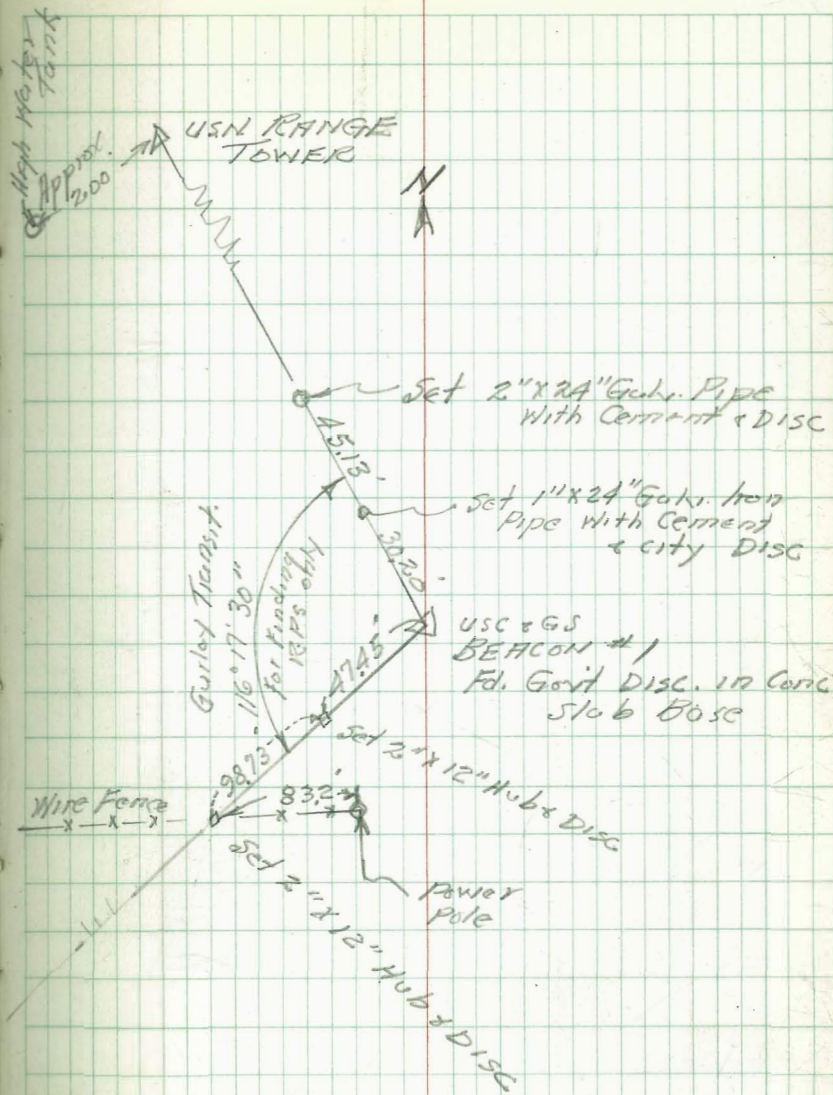
Mon to be Destroyed by city.
Hence these Ref. Ties

Mulkey
Taylor
Hamilton
Meyer

6-11-1957

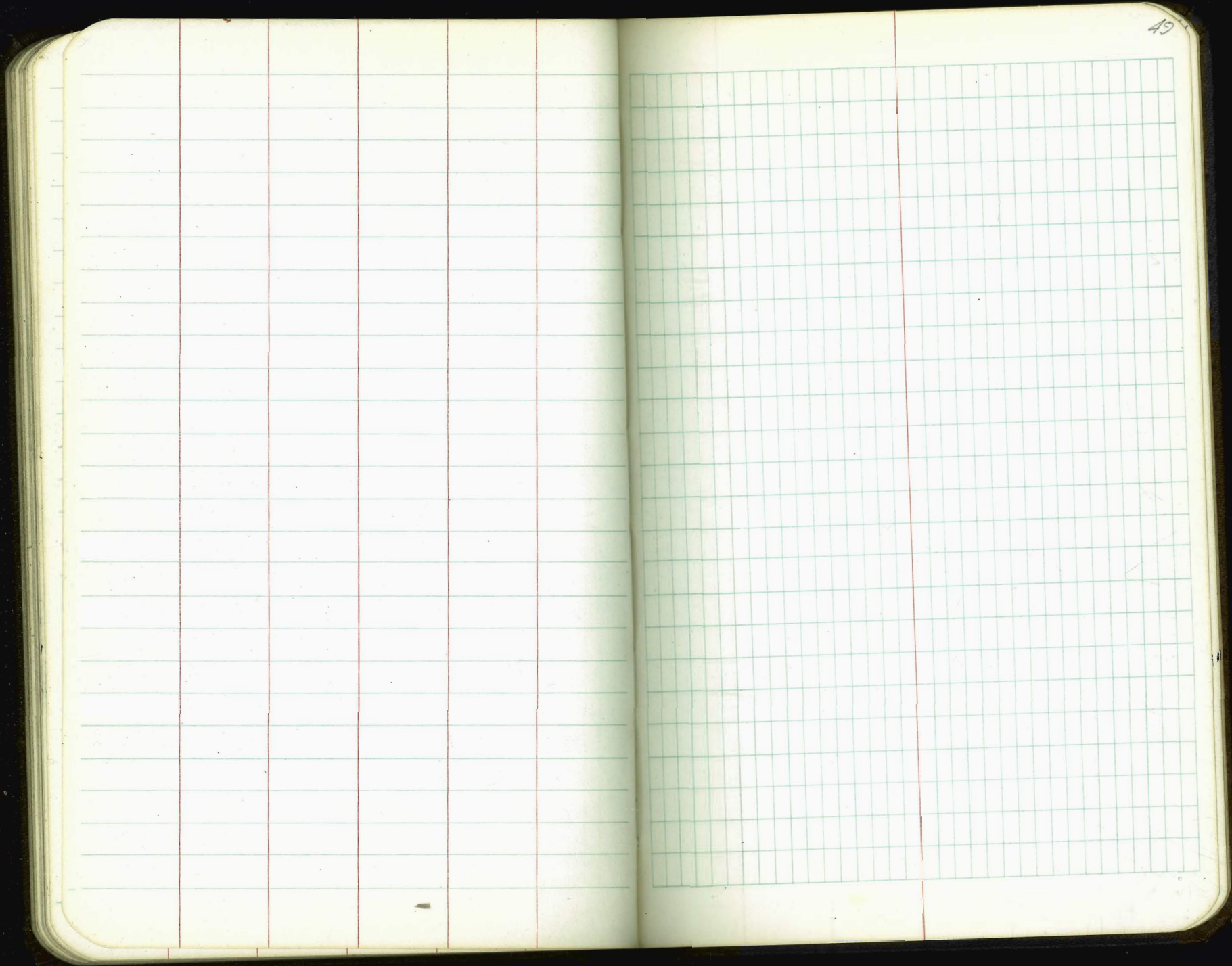
Note: When Re setting Beacon No 1
use Ref Ties and Make Intersection
However the Distances may be
used as a second choice as
they were Carefully Meas.

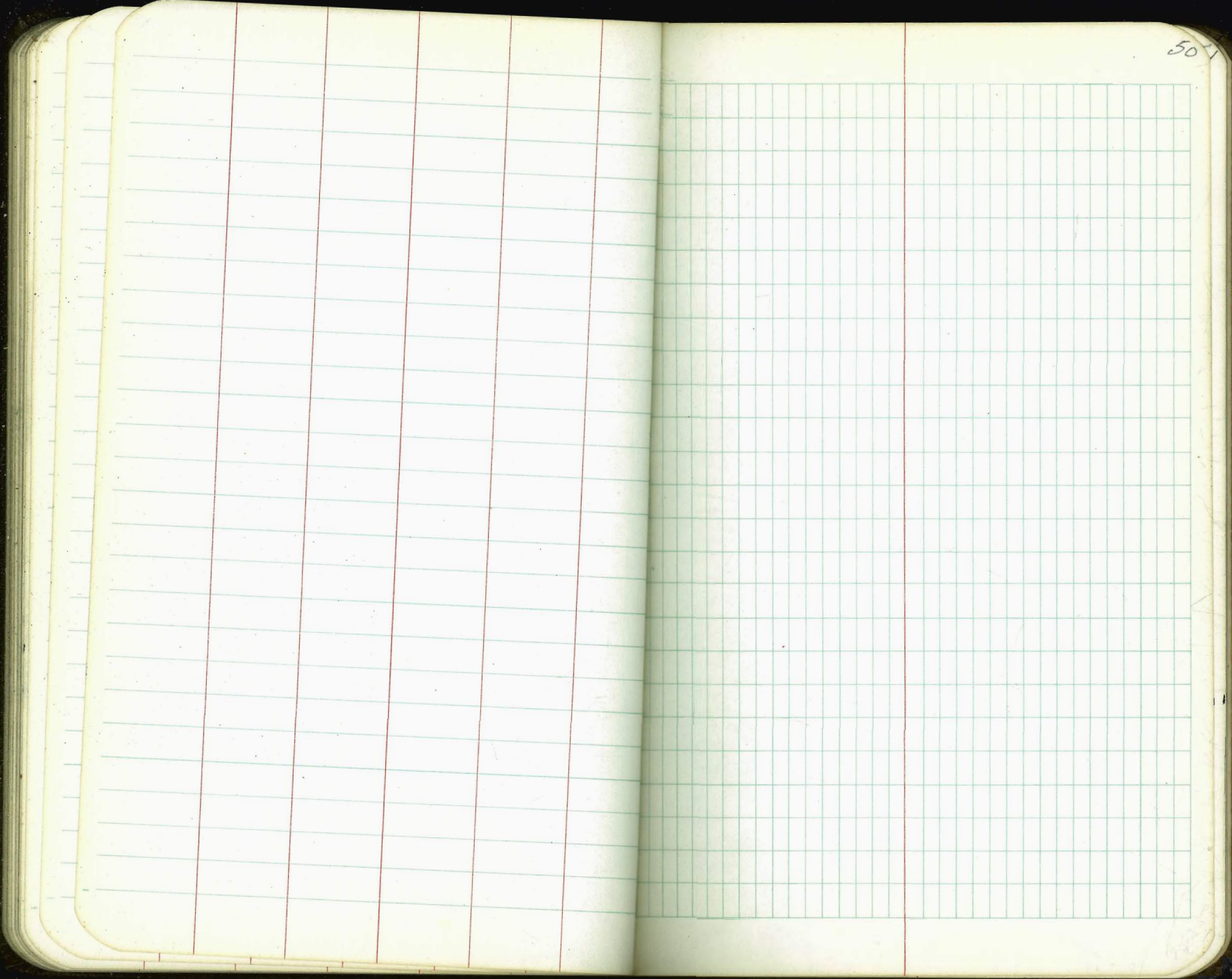
NEW CROSS
on Mt. Soledad



This page is a ledger-style sheet with 6 vertical red lines and horizontal blue lines. The lines create 5 columns of varying widths. From left to right, the columns are approximately 15%, 25%, 25%, 20%, and 15% of the page width. The page is otherwise blank.

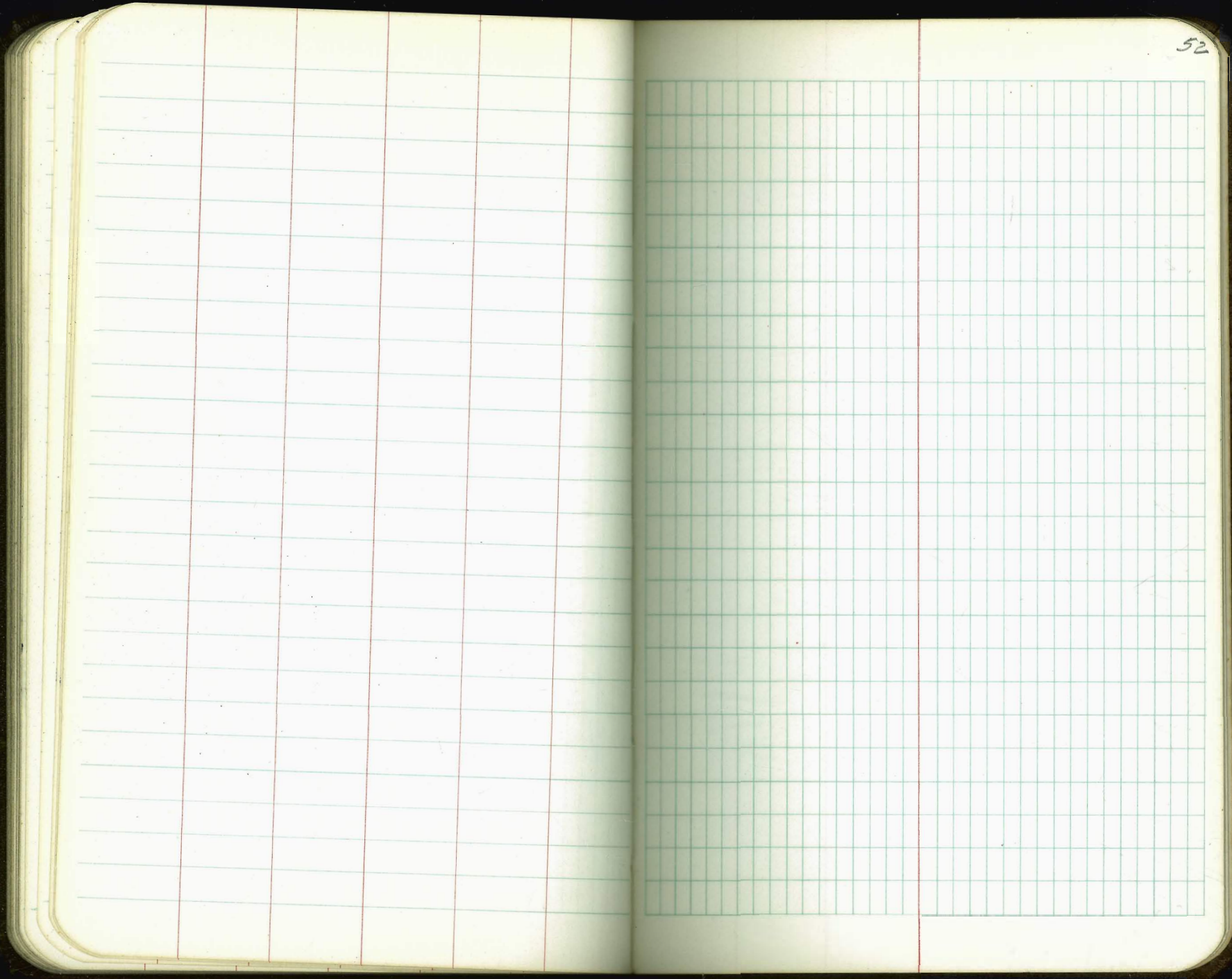
This page is a ledger-style sheet with 12 vertical red lines and horizontal blue lines. The lines create 11 columns of varying widths. From left to right, the columns are approximately 10%, 10%, 10%, 10%, 10%, 10%, 10%, 10%, 10%, 10%, 10%, and 10% of the page width. The page is otherwise blank.

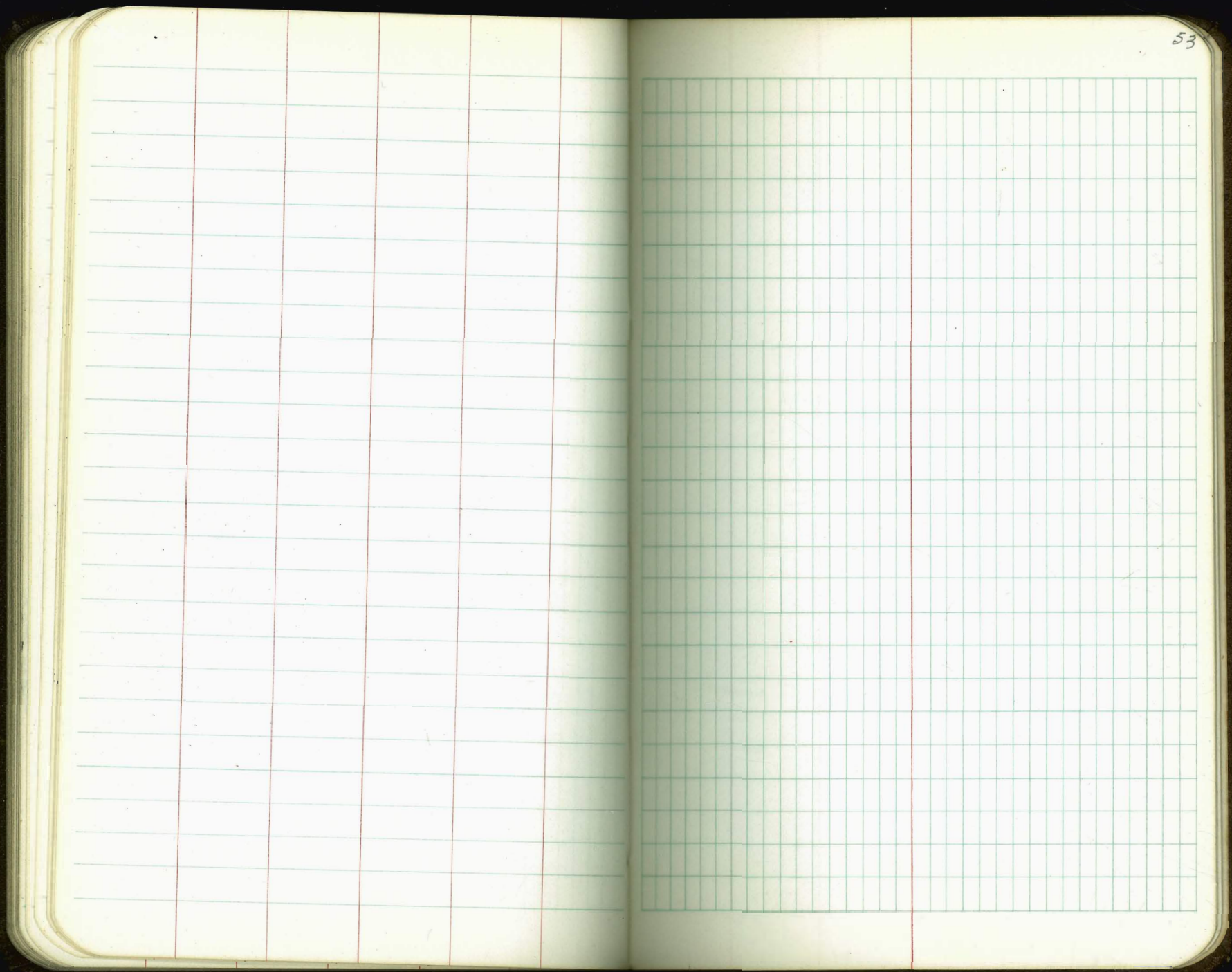


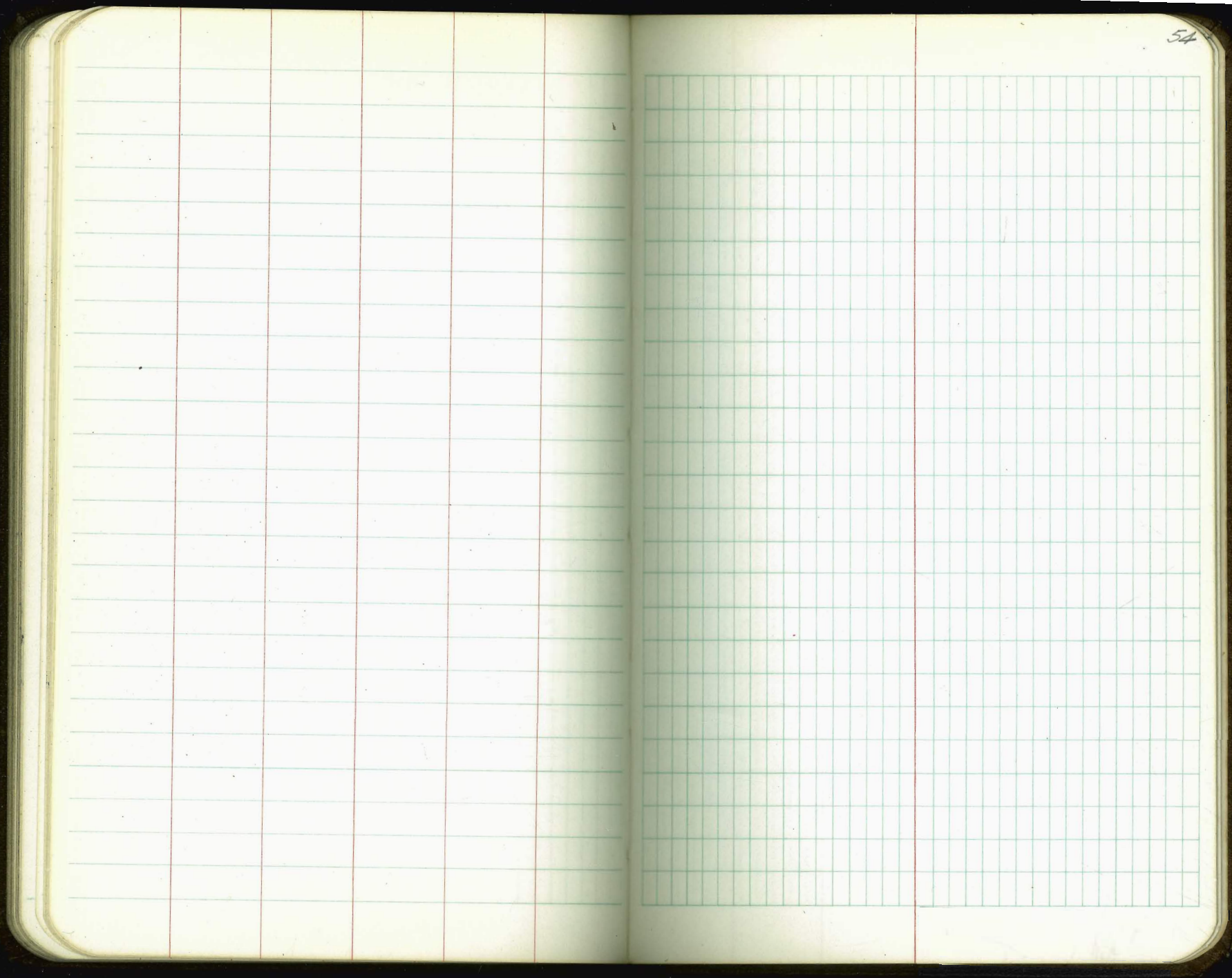


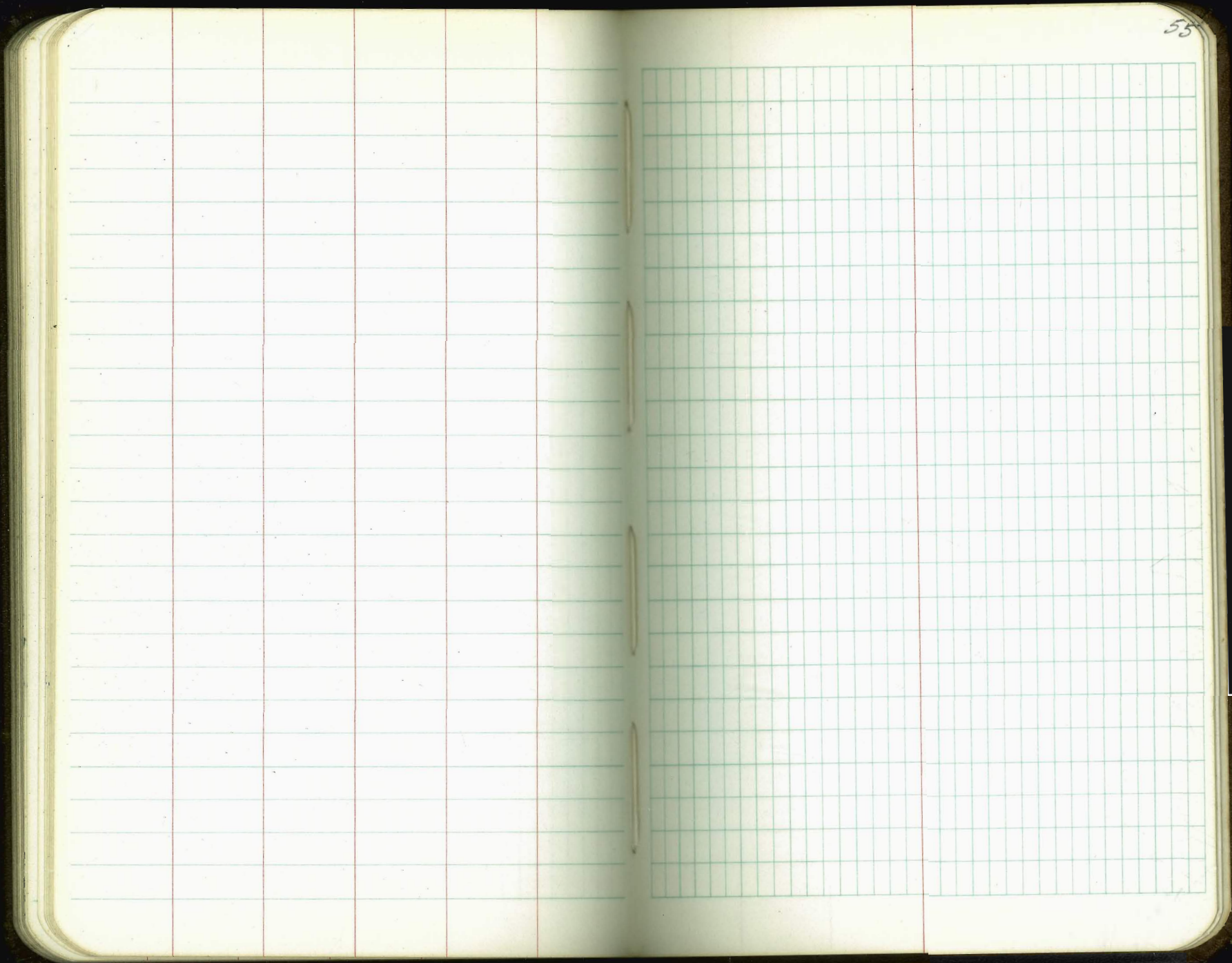
This page is a blank ledger with a grid of blue horizontal lines and four vertical red lines. The grid is divided into five columns of varying widths. The columns from left to right are approximately 15%, 25%, 25%, 20%, and 15% of the page width. The page is otherwise empty of any text or markings.

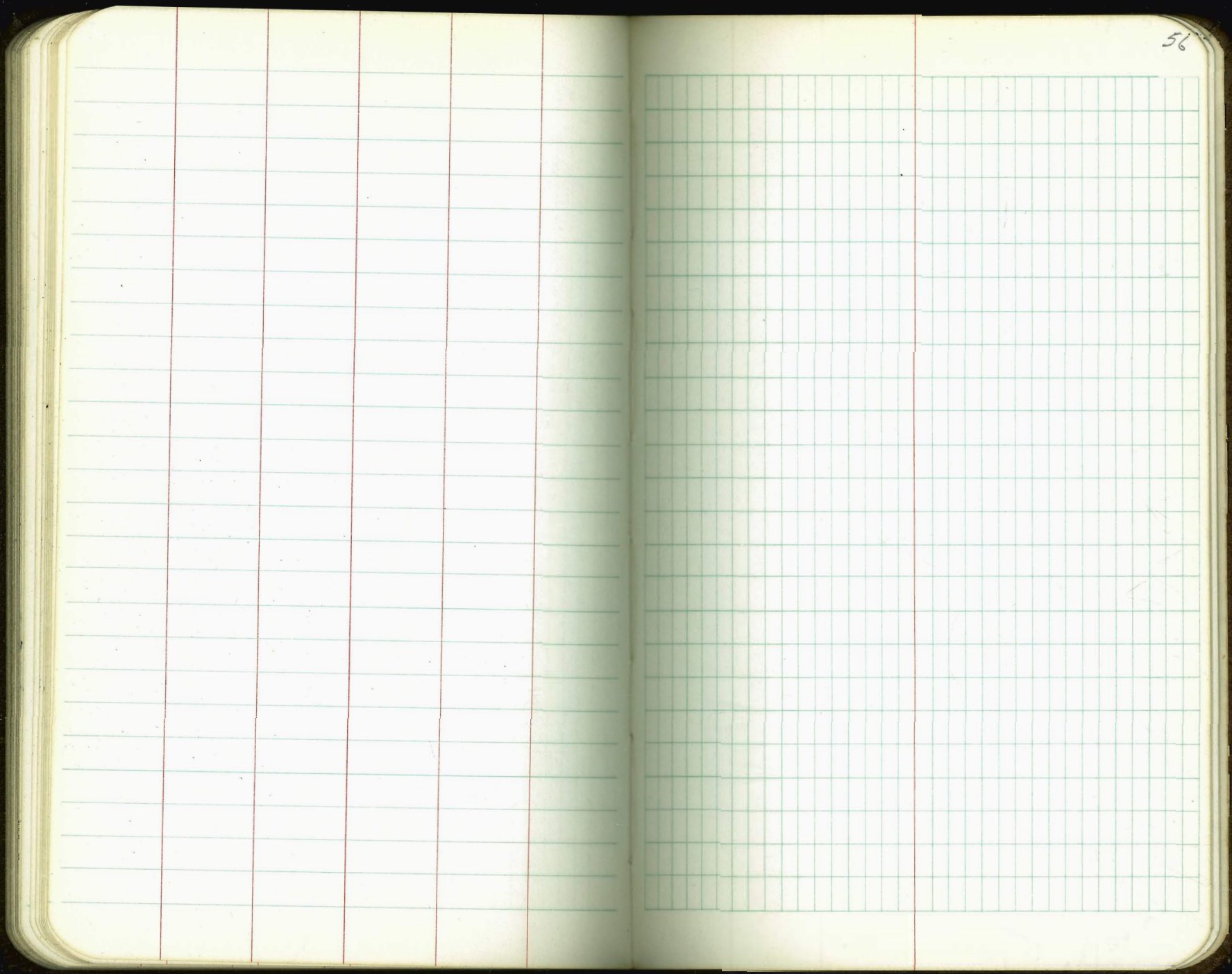
This page is a blank ledger with a grid of green horizontal and vertical lines. The grid is divided into five columns of varying widths, similar to the left page. The columns from left to right are approximately 15%, 25%, 25%, 20%, and 15% of the page width. The page is otherwise empty of any text or markings.

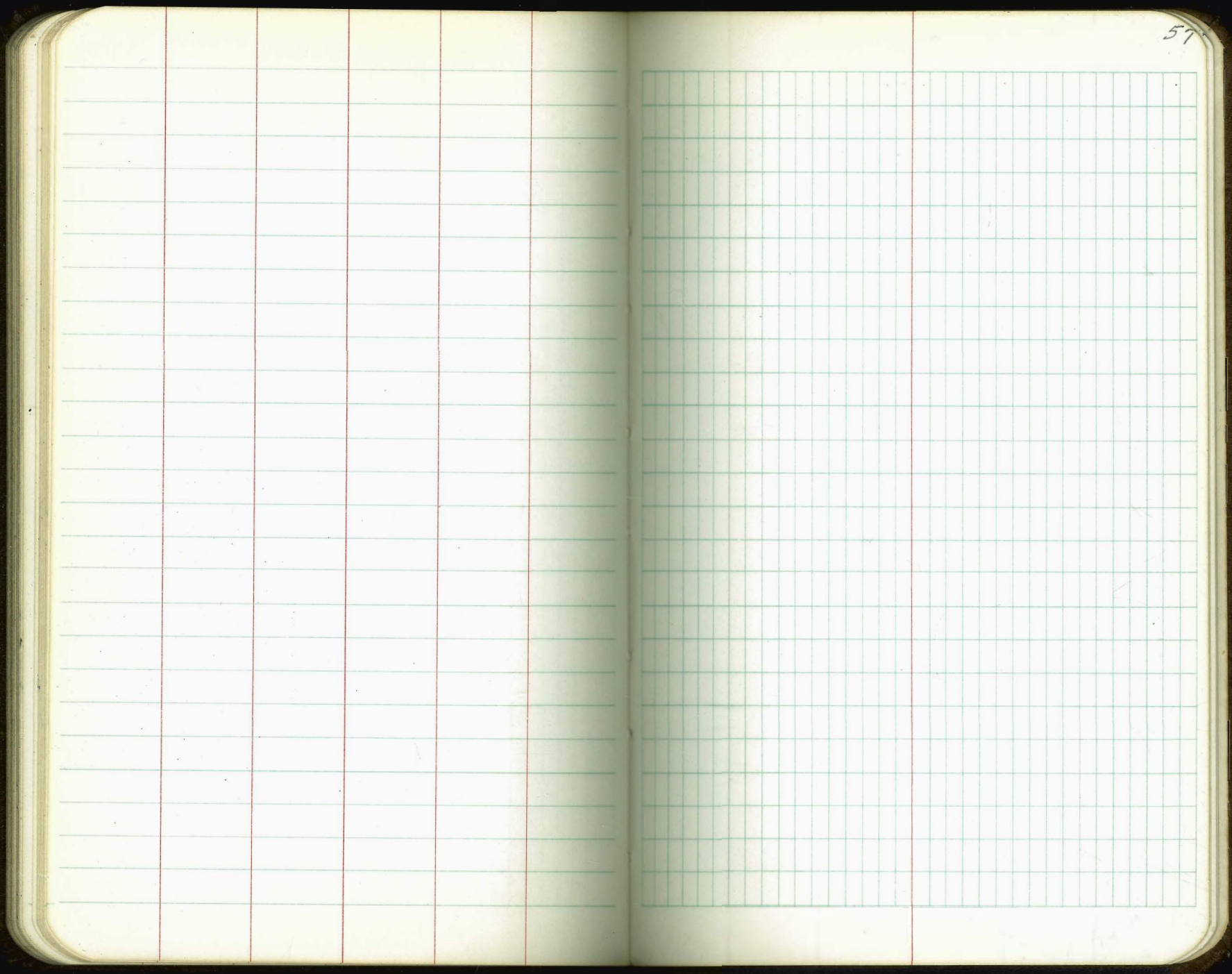


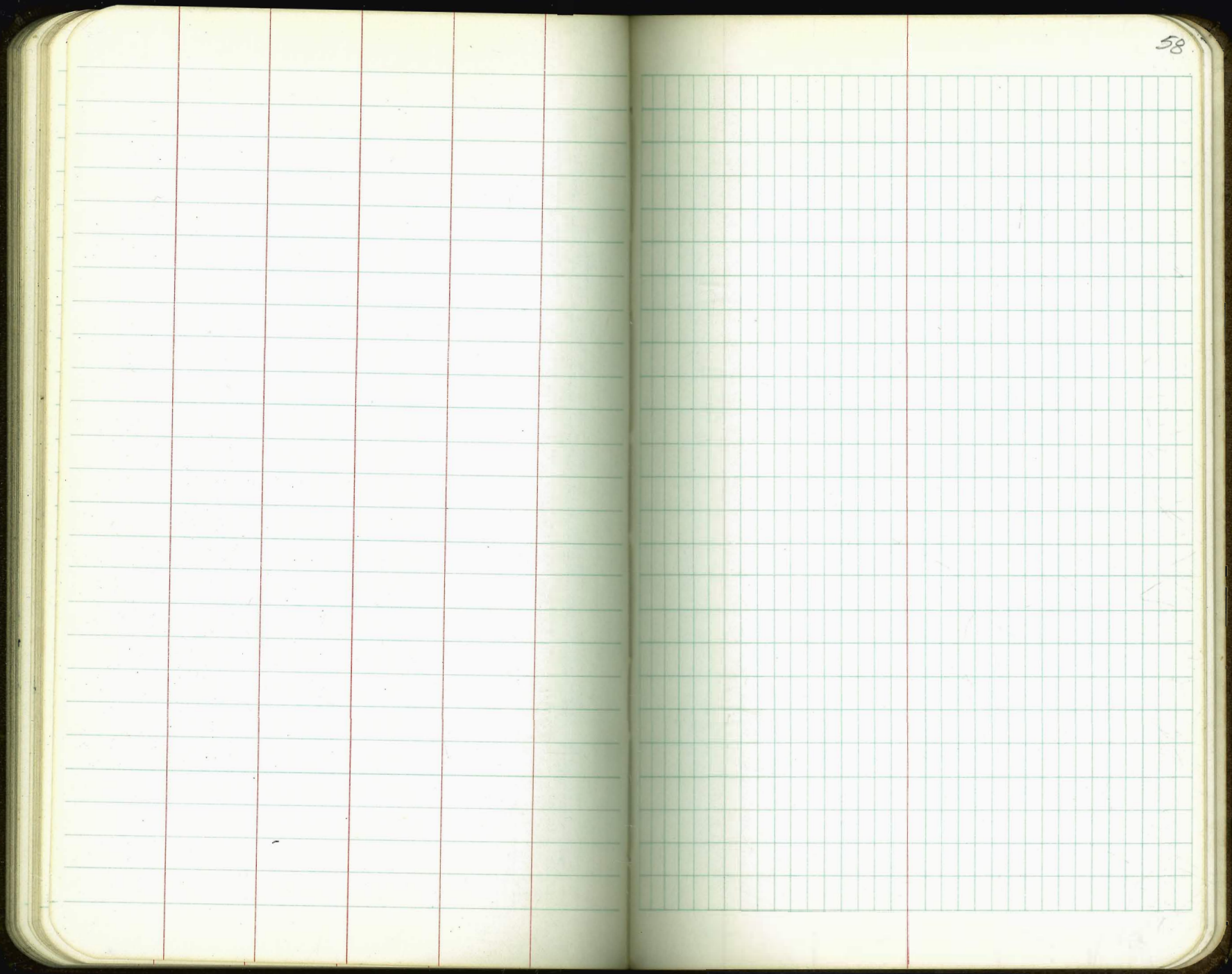


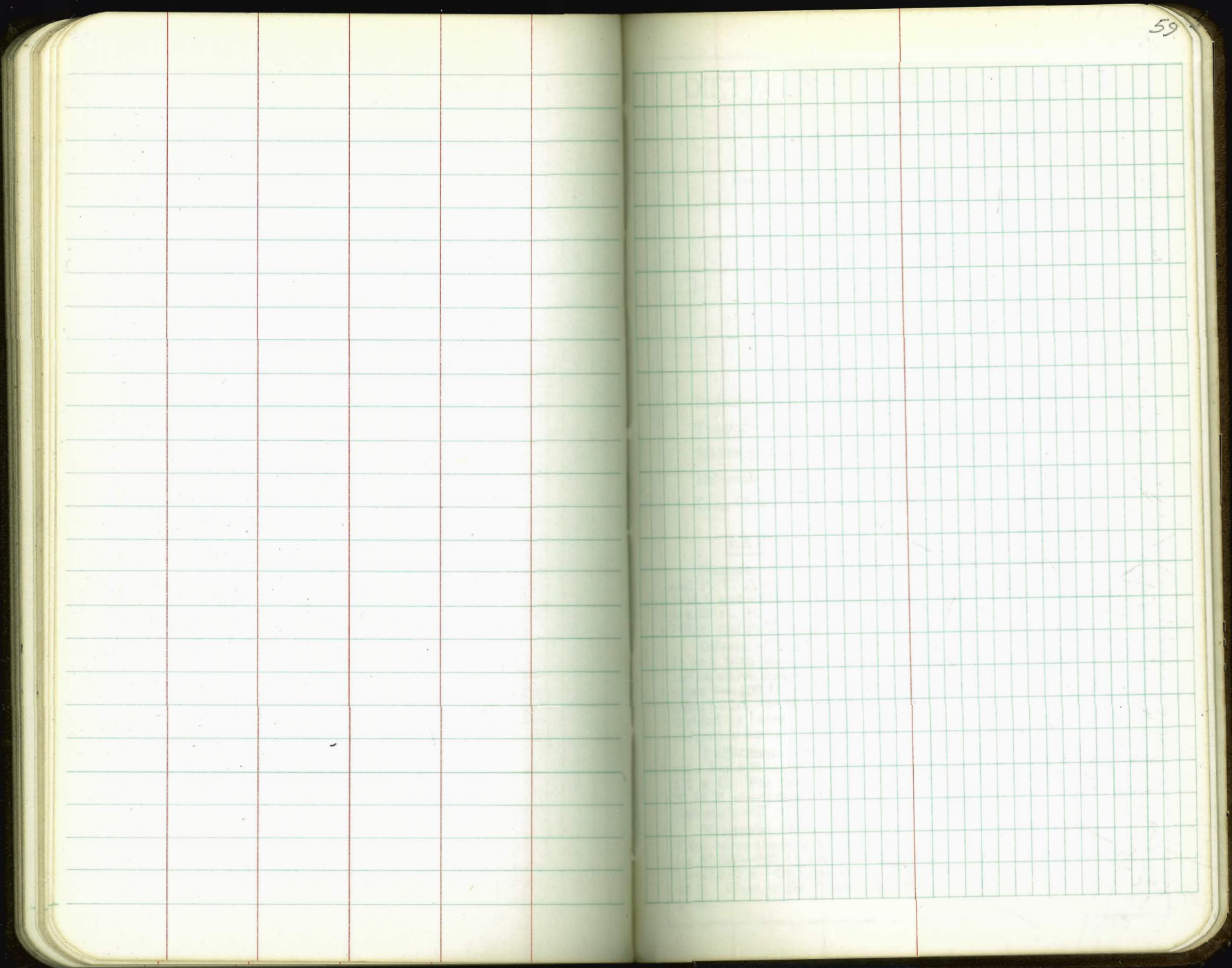












10103
2640
7463