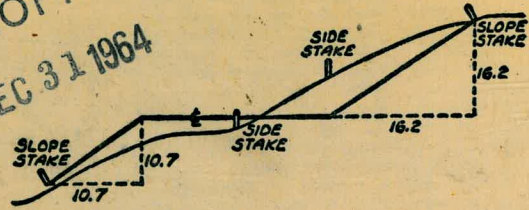


2043

TRANS BOOK

MICROFILMED
DEC 31 1964



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.

Subdivisions
only
sewers, too.
Also streets

INDEXED
to page # 34
except page # 18

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

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

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.89	.99	1.09	1.20	1.31	1.42	1.54
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.711	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.266	.353	.440	.528	.617	.707	.797	.877	1.07	1.18	1.29	1.39
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

Page

11- Ext. + Int. of Fairlawn

12- Ext. of Seminole Terrace

37 X-Sec. Pacific Beach Drive, X-Sec
Ocean Walk to Mission Blvd.

33rd PLACE
Check backfill-grade Sewer. Made to MONROE 66

9/16/49

McCoy
Allen
Torer
W. Moore

Boundary and Interior Check of South Pacific Unit A

W.O. 23115

1

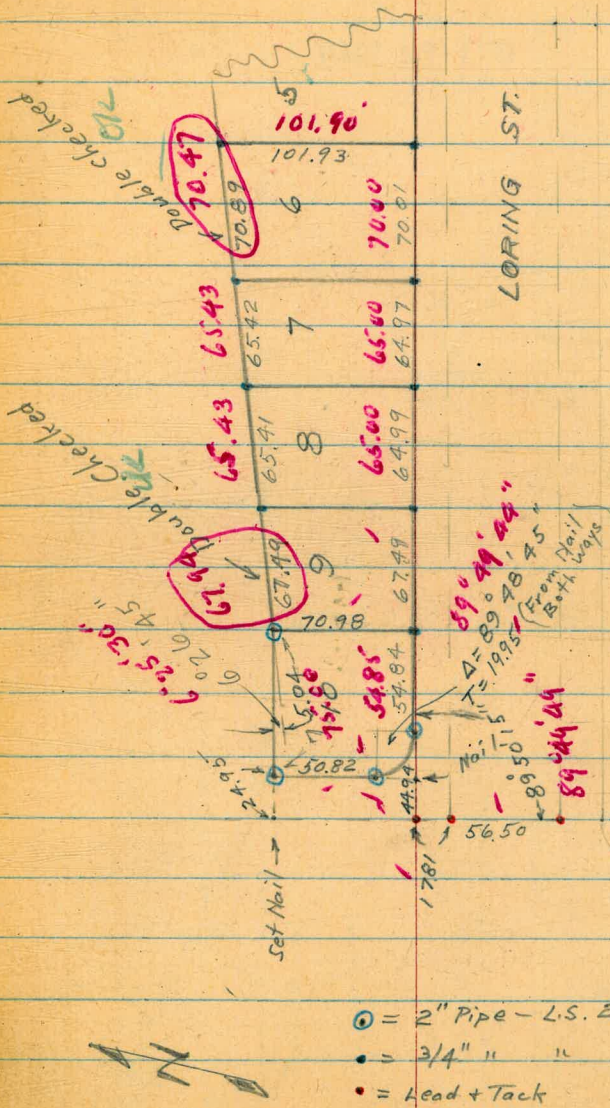
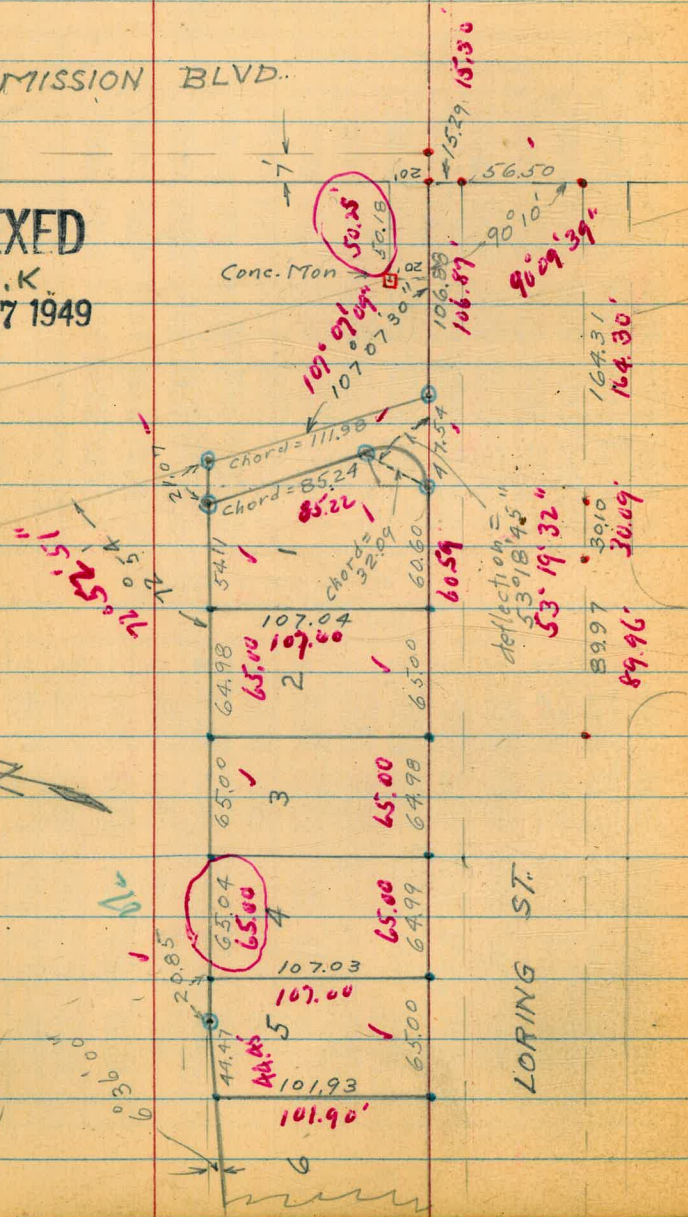
INDEXED

W.K.
AUG 17 1949

MISSION BLVD.

LORING ST.

Conc. Mon



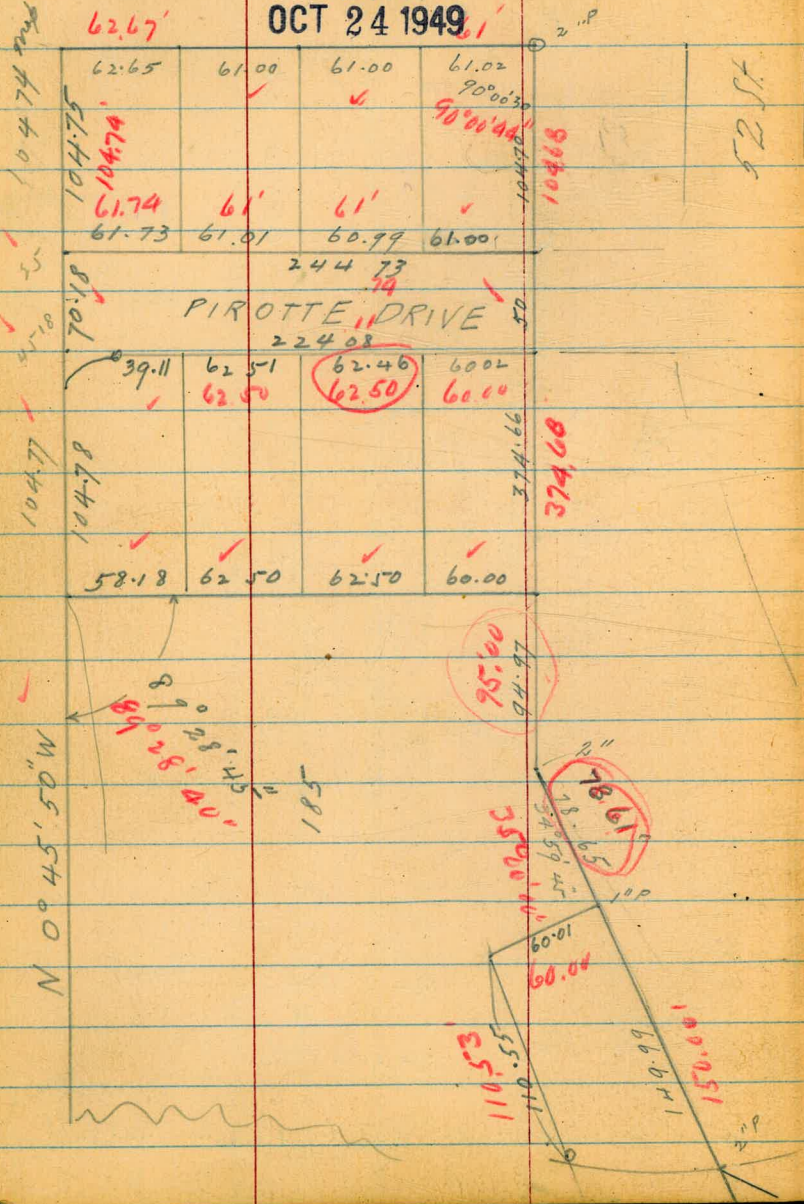
note: Pipe in use was reset by Peterson and rechecked by Walker. All check is satisfactory.

INDEXED

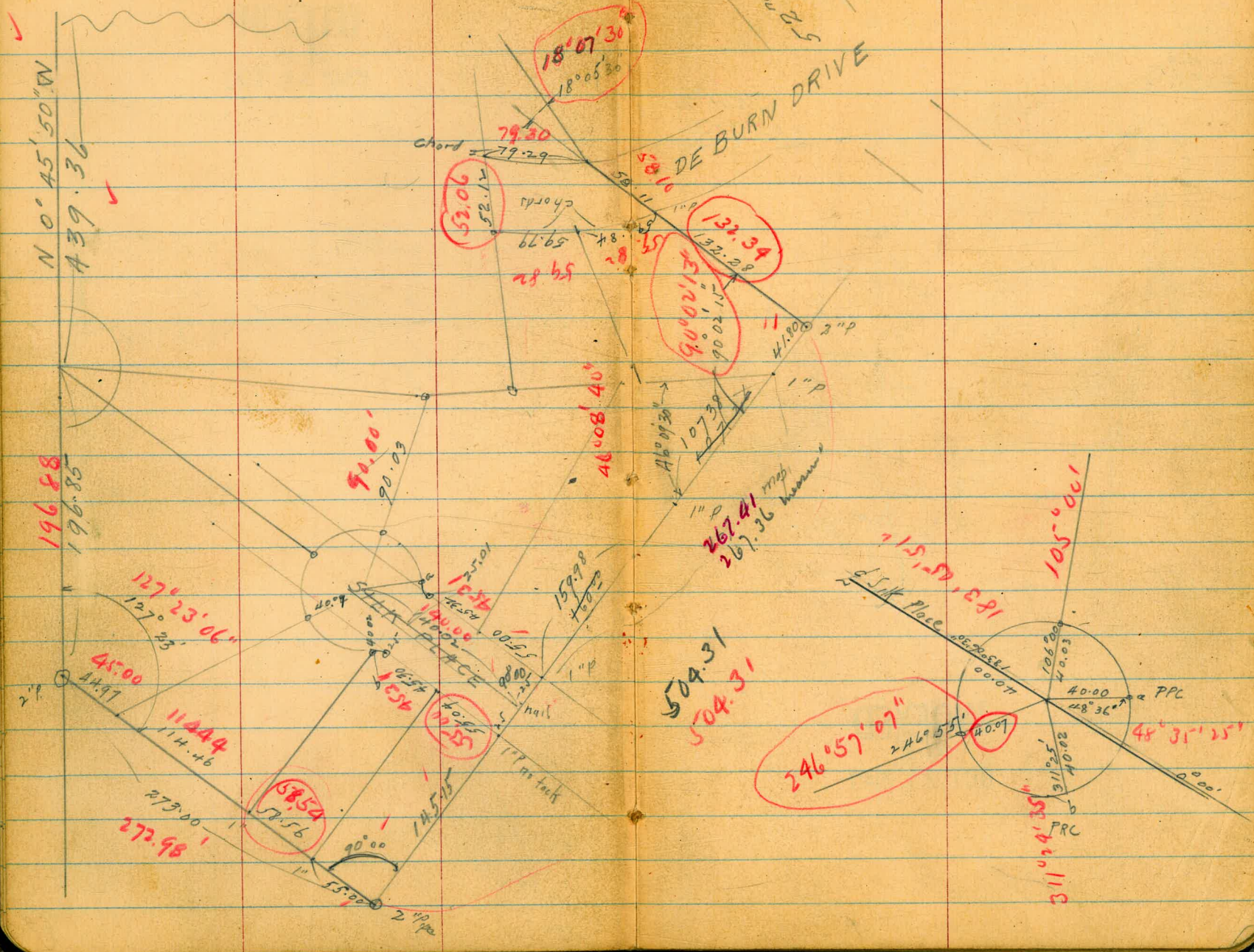
N.I.C.

OCT 24 1949

Figures in red = From Map



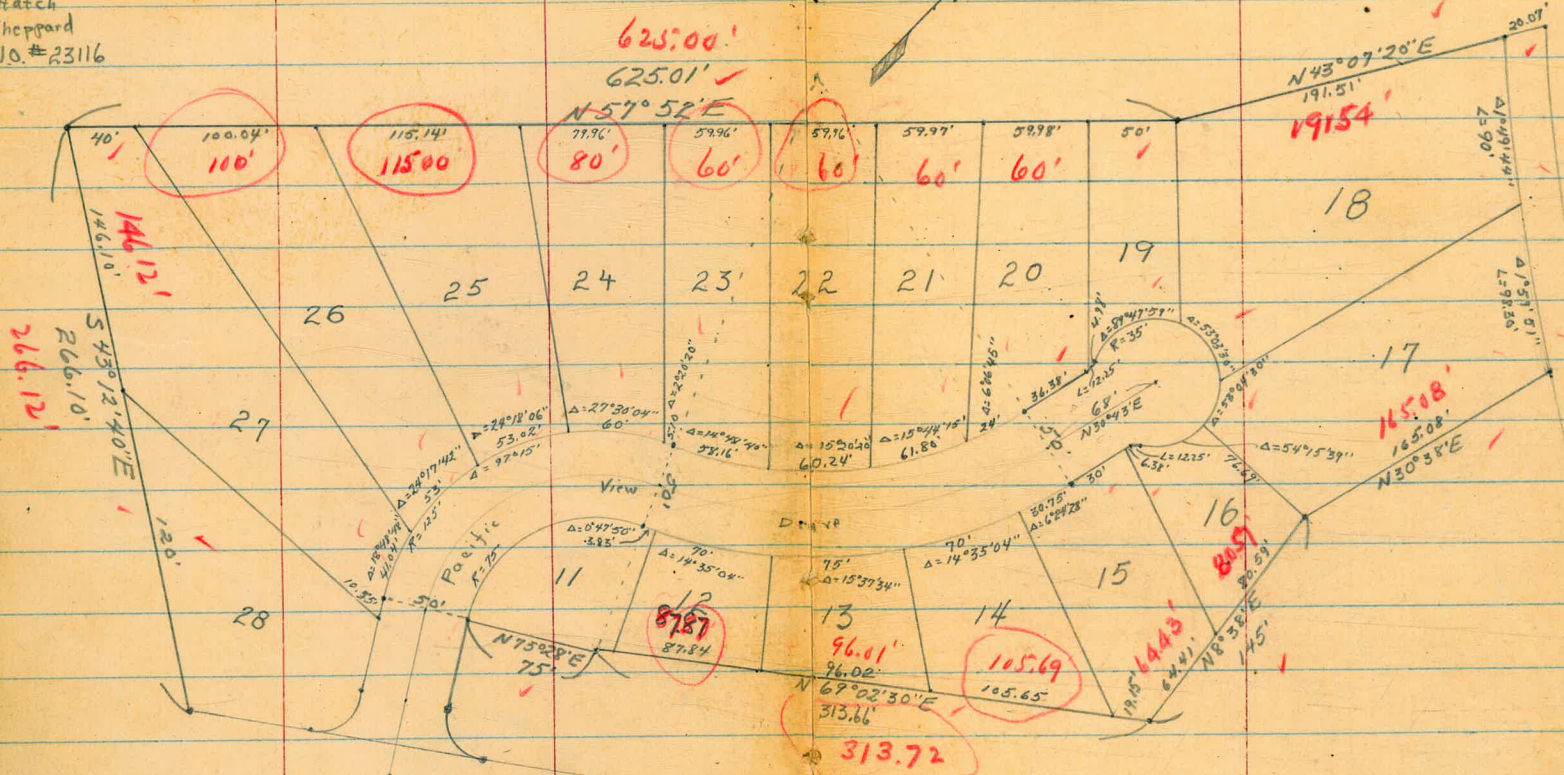
DE BURN DRIVE



Boundary & Interior Check
of

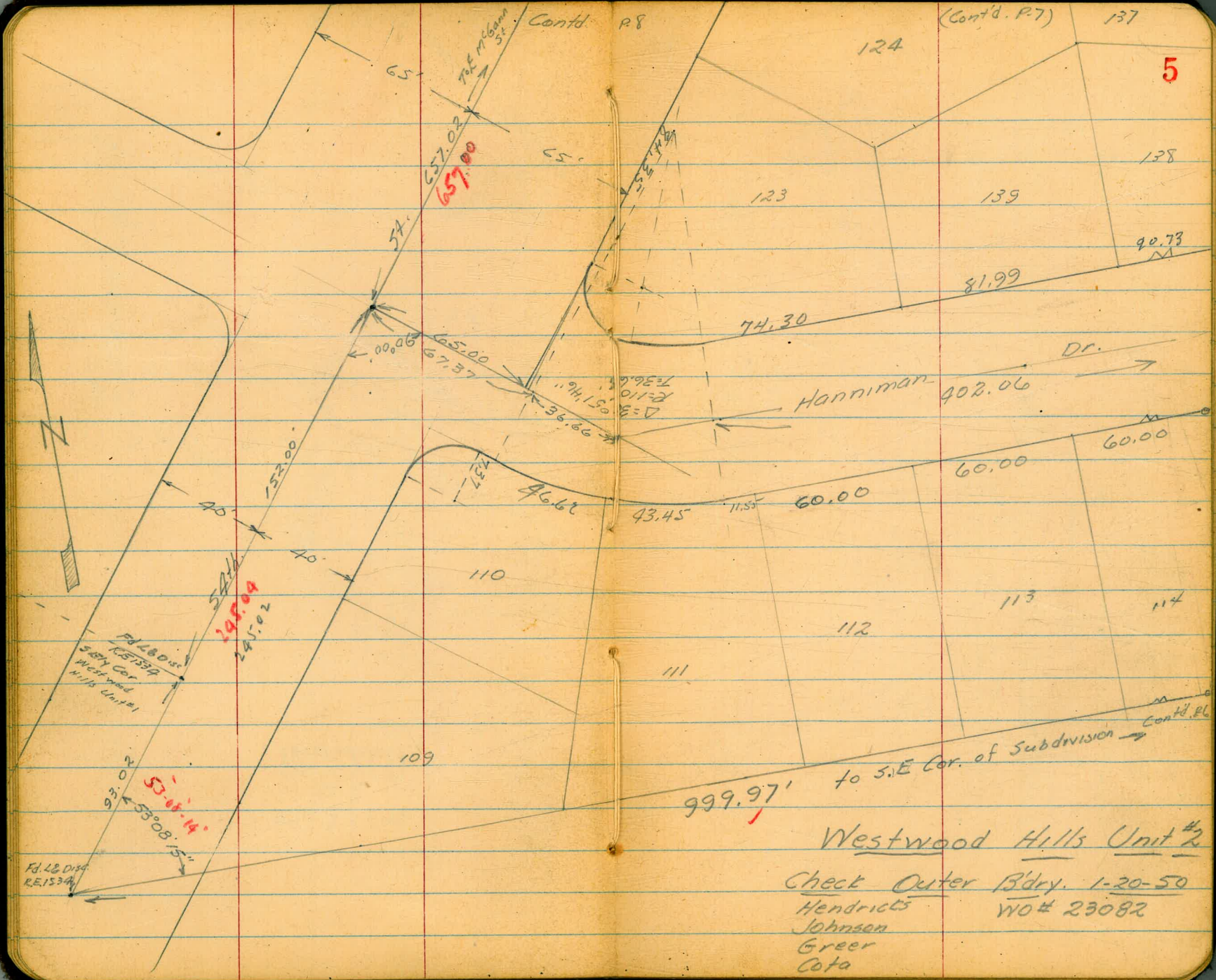
SOUTH PACIFIC
Unit B

10-28-49
Roberts
Osborne
Hatch
Sheppard
W.O. #23116



INDEXED
W.K.
OCT 31 1949

Loring Street



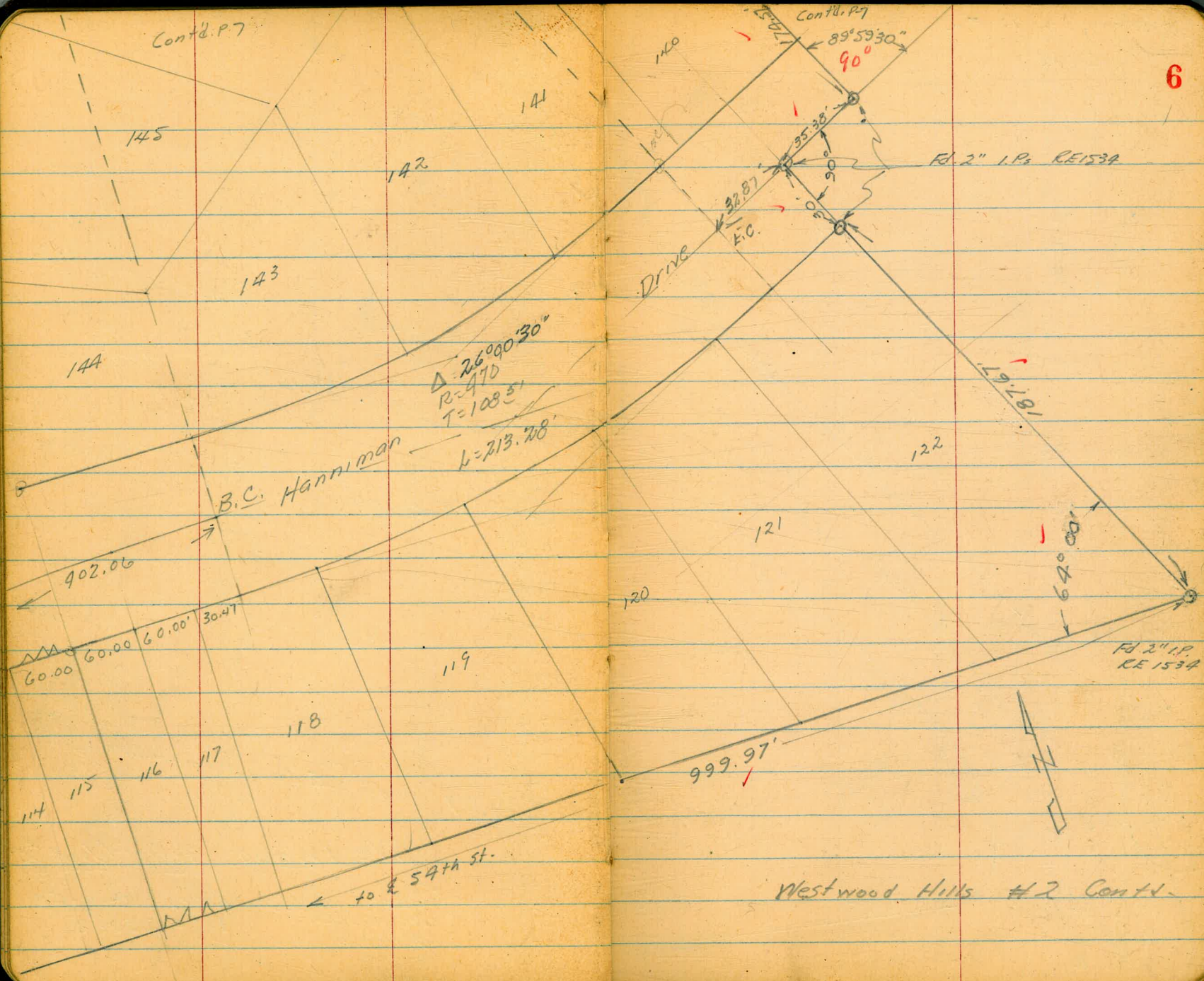
999.97' to S.E. Cor. of Subdivision → Cont'd. P.6

Westwood Hills Unit #2

Check Outer Bdry. 1-20-50
 Hendricks
 Johnson
 Greer
 Cota
 WO# 23082

Cont'd. P. 7

6

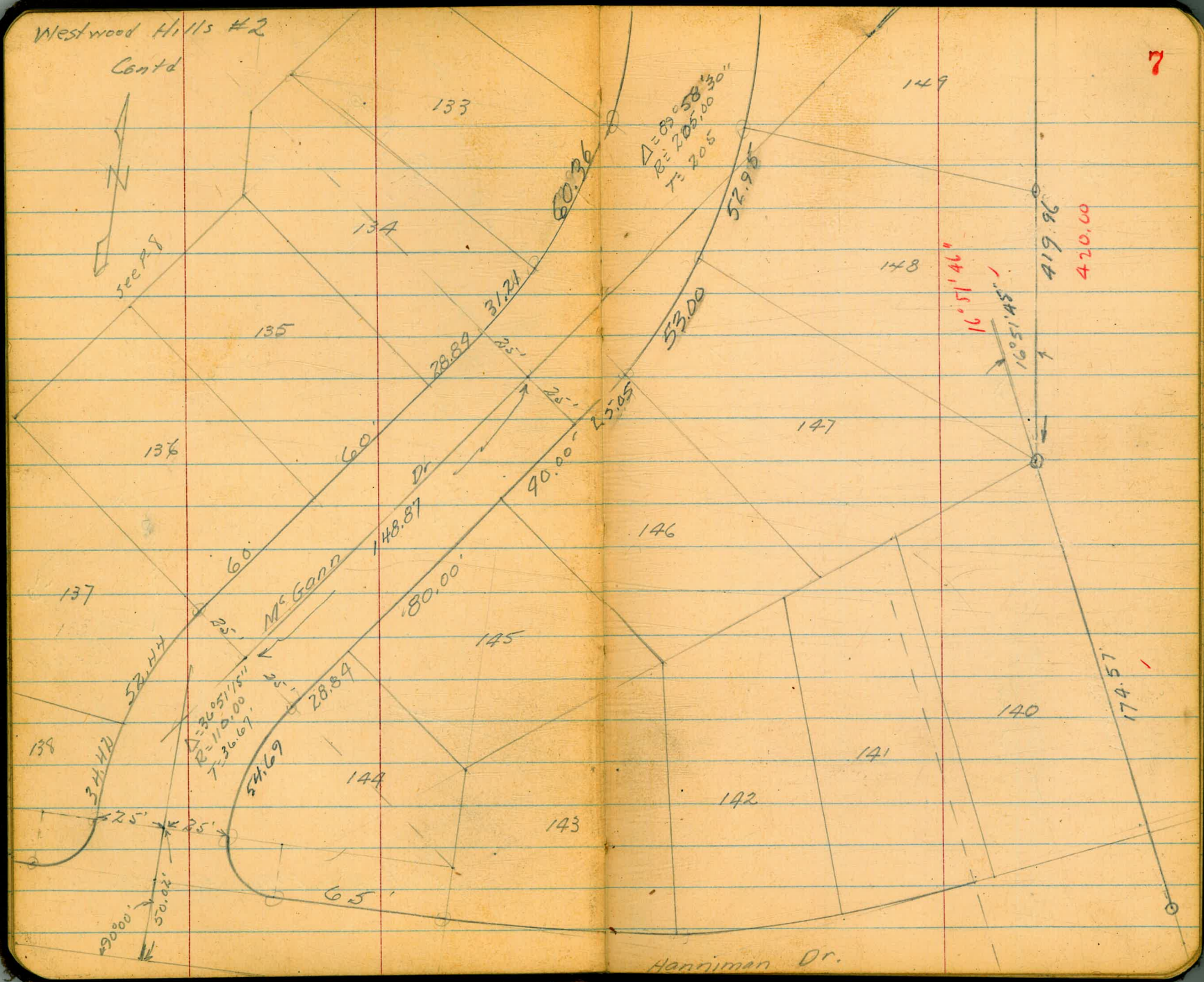


Westwood Hills #2 Cont'd.

Westwood Hills #2

Cont'd

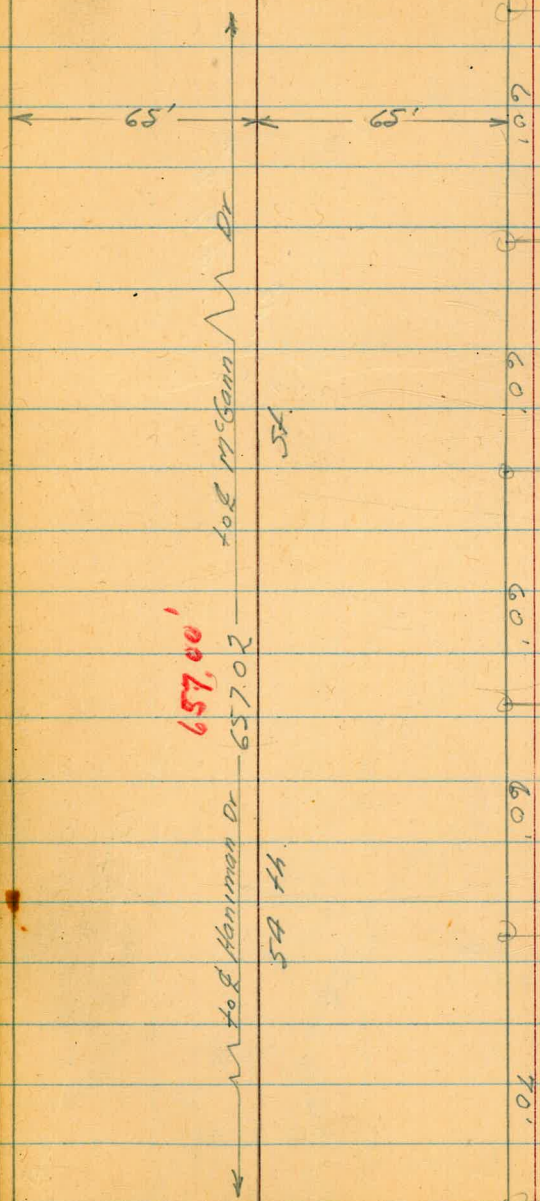
7



Cont'd P9

129

Westwood Hills #2 Cont'd 8



128

127

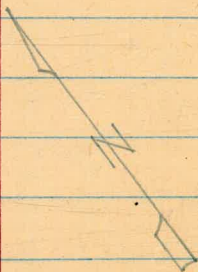
126

125

124

see P.5

see P.7



Westwood Hills #2
Cont'd.

Cont'd P. 10

680.00
679.88

46°00'10" 9
45°57'30"
4799.3
4800.0

657.00
657.02
54th

41996
420.00

104
Hammer Dr.

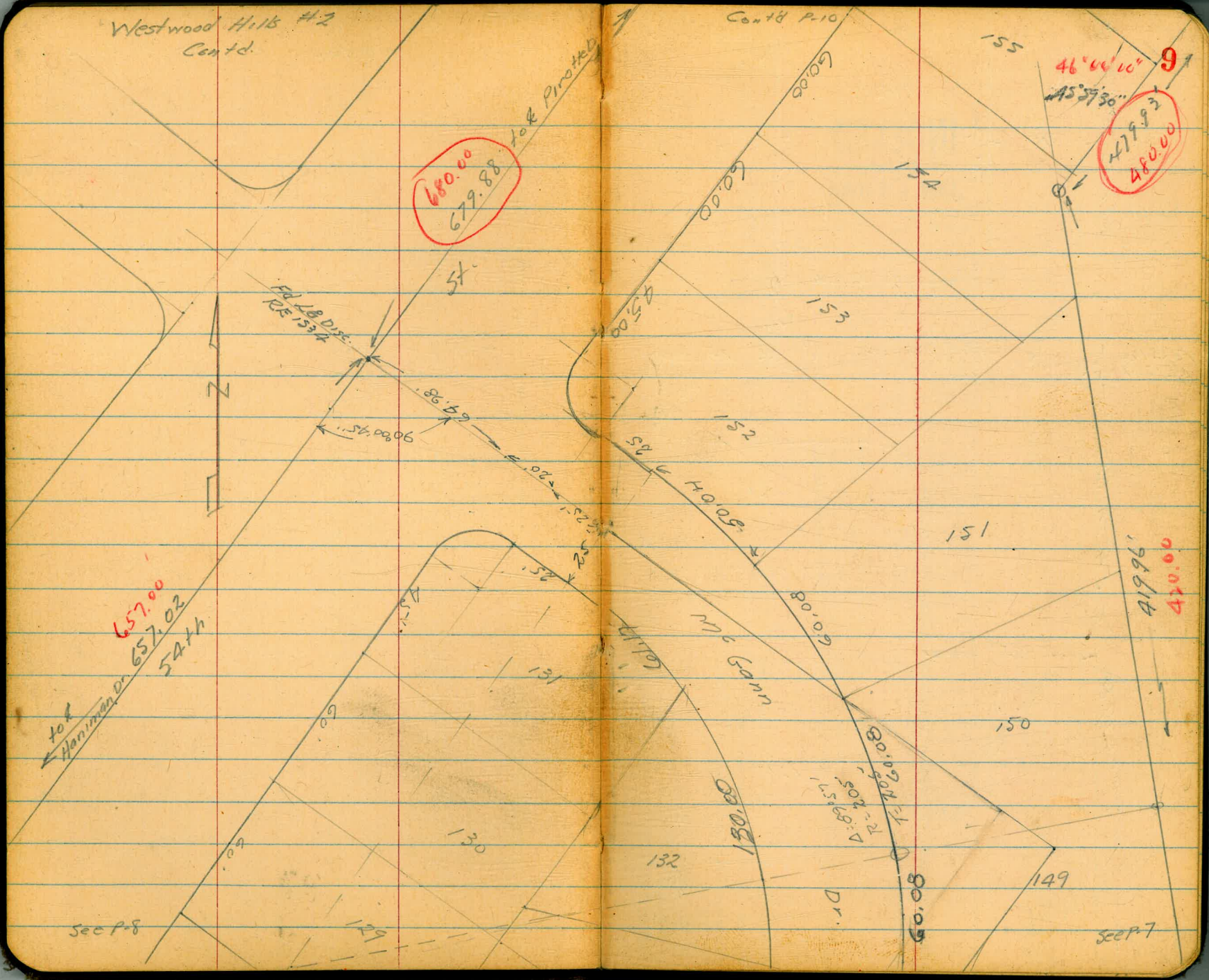
104 Pinned

50104
Mc Gann

50090
504.97
504.97
504.97
Dr.

sec P-8

sec P-7



INDEXED
 W.K.
 MAR 20 1950

Check Exterior & Interior
 of "Fairlawn"

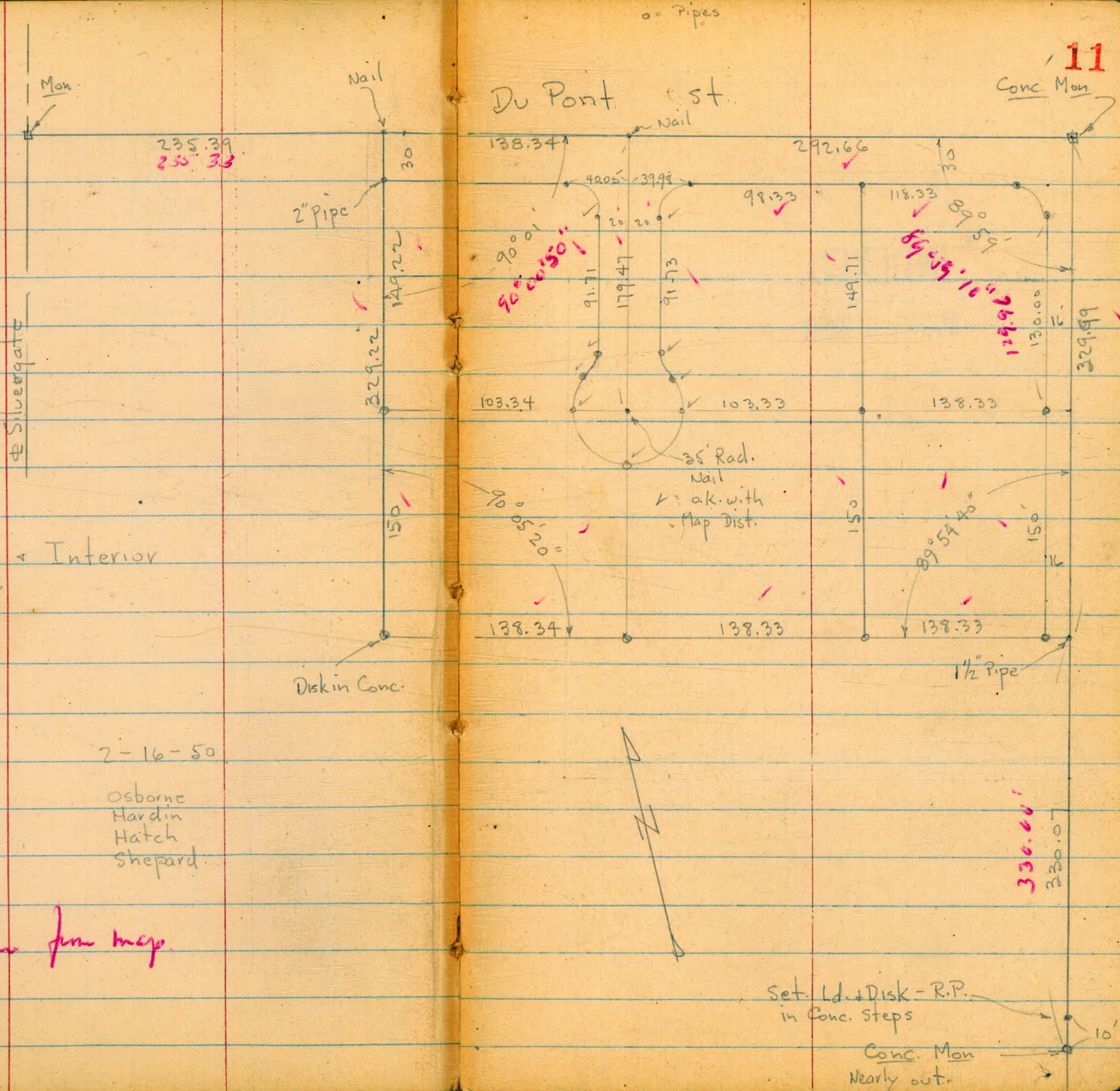
3547

W.O. 23126

2-16-50

Osborne
 Hardin
 Hatch
 Shepard

Red figures are from map



check Exterior Boundary of
Seminole Terrace - Unit No. 2

INDEXED

3543

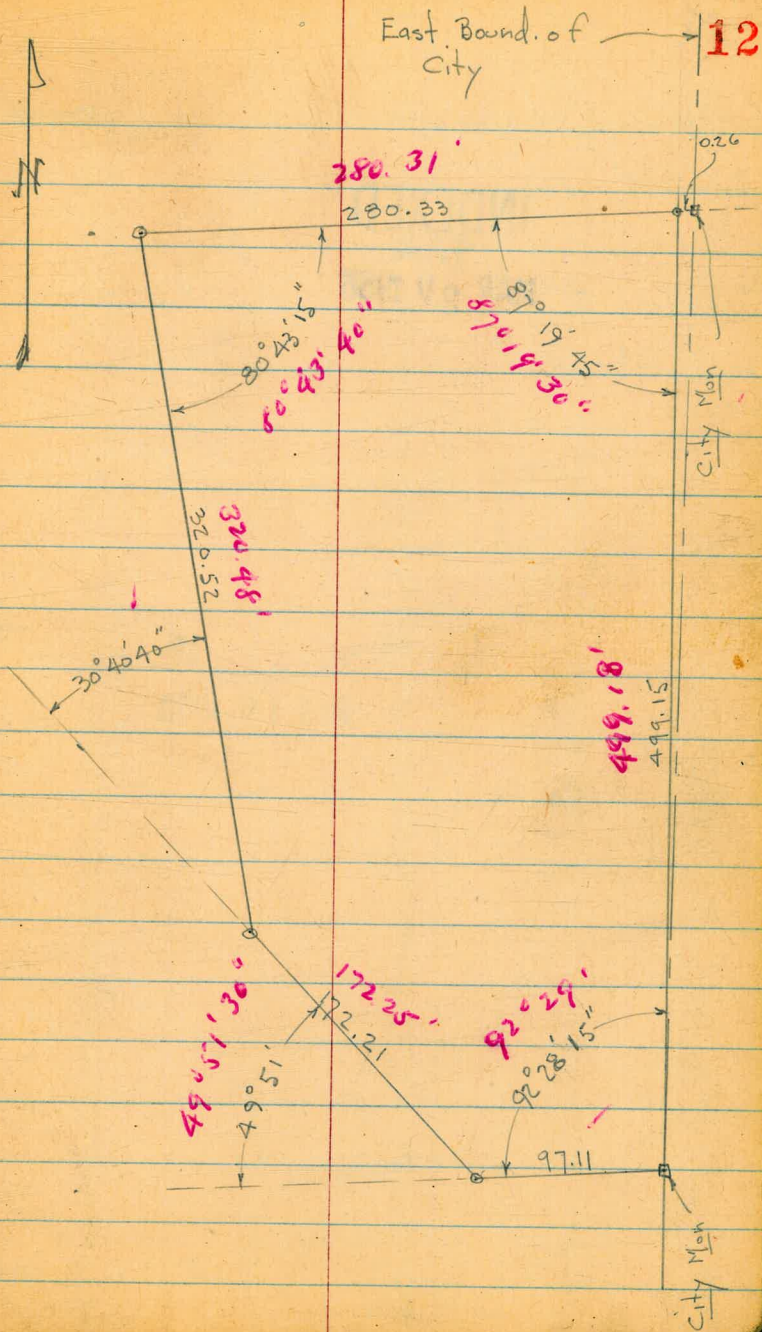
MAR 20 1950
W.K.

W.O. 23128

2-17-50

Osborne
Hardin
Hatch
Shepard

Temp. = 76° = 6° above ave.
for Corr.



Check Exterior Boundary of "Colonial Manor"

INDEXED

W.K.

MAR 20 1950

3550

3-8-50

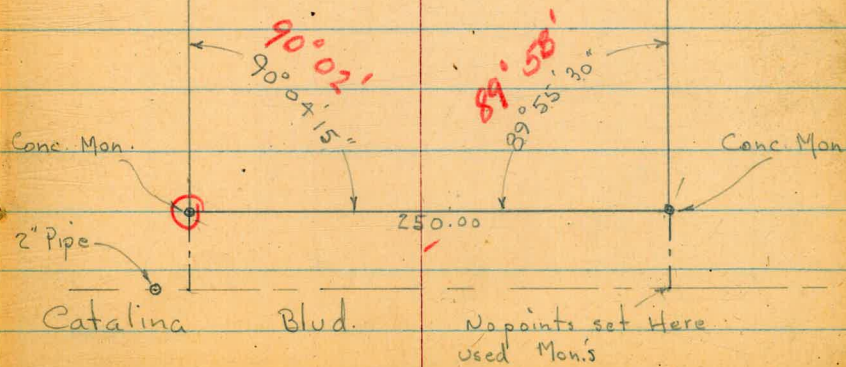
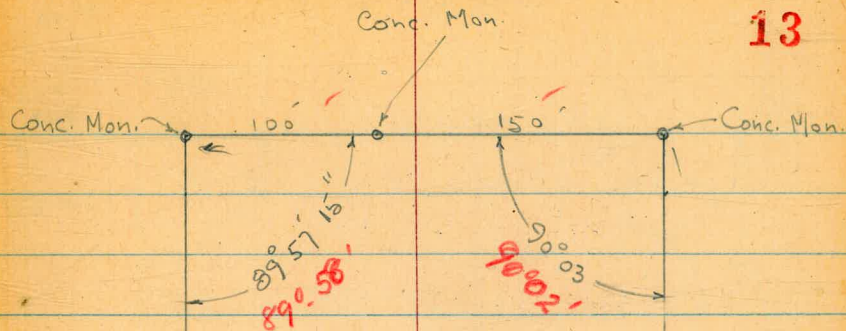
W.O. 23125

Osborne
Hardin
Hatch
Shepard

Monument at SE Corner met & pipes placed
in Catalina Blvd 3/13/50

W.K'd by Ed Gabrielson I.M.A. 1950

MAR 16 1950



Check Exterior Boundary of
Woodland Terrace - Unit No. 1

4257

W.O. 23136

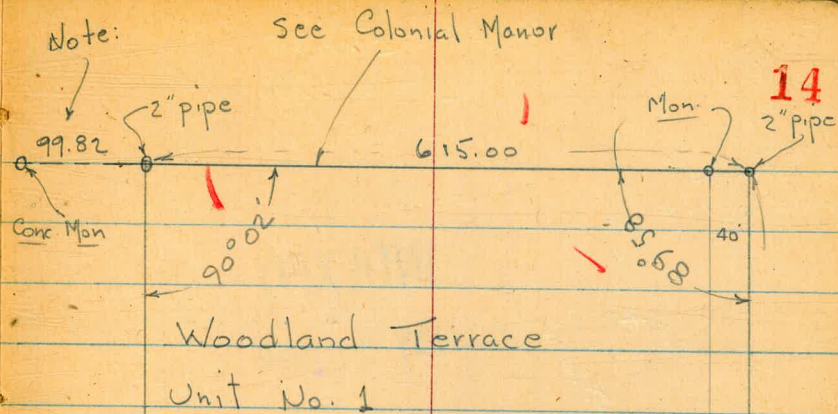
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Osborne
Hardin
Hatch
Shepard

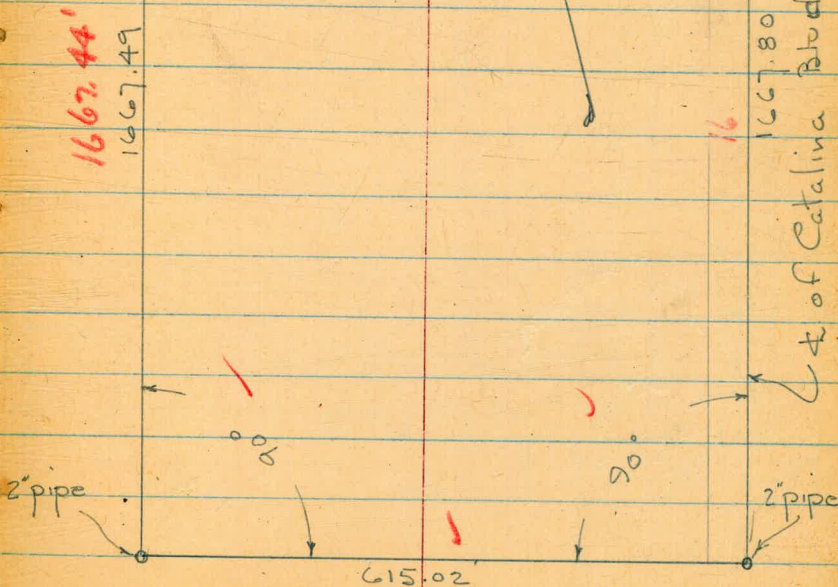
INDEXED
APR 3 1950

OK/40P

2/3/50



Woodland Terrace
Unit No. 1



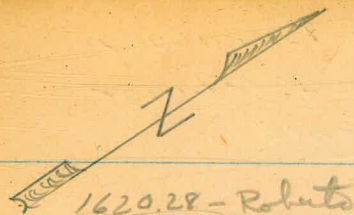
5-26-50
Hendricks
McCoy
Greer
Crawford
NO# 23124

Check Exterior Boundary
Plumosa Manor

15

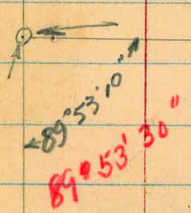
INDEXED

MAY 31 1950



1620.28 - Relets

1619.97'
1619.95'



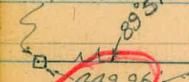
45 44

396.451
396.50'

89° 51' 17"

90° 08' 43"
90° 08' 50"

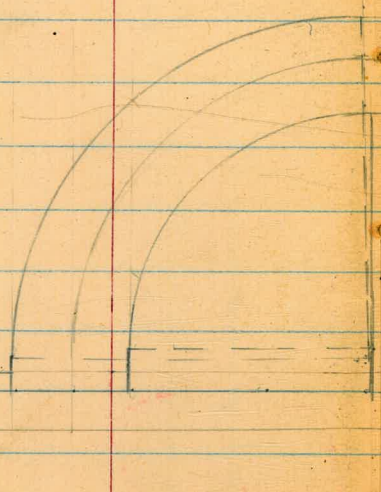
Fd. 6 1/2" Pattern
most w/ly Cor.
Plumosa Park
Map # 1820



449.96

Fd. 2 1/2" I.P.
R.E. 6560

450.07



869.91'

870.04'

16

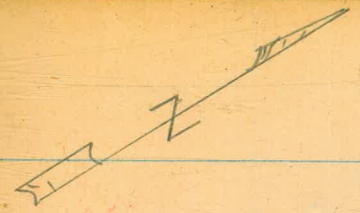
to most Hwy
Cor. Plumosa
Part Map # 1820

Outer Boundary
Plumosa Manor
Cont'd



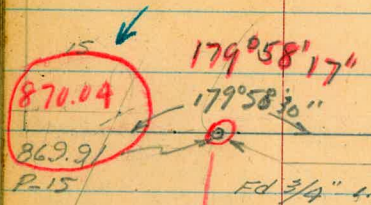
1619.97 ✓
1619.95 ✓

INDEXED
MAY 31 1950



397.13'
397.12'

Recheck



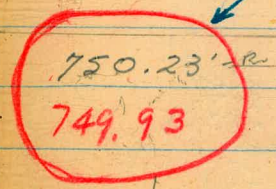
179° 58' 17"
179° 58' 30"

P. 15

Fd 3/4" I.P. RE 2718
Most Nij. Cor.
Plumosa Part Map # 2820

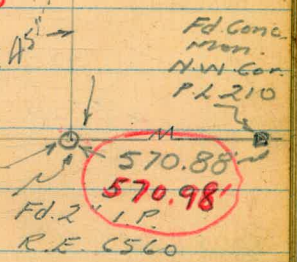
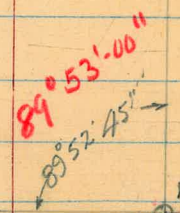
2" I.P. required

Recheck



750.23' - R
749.93

750.27



570.88'
570.98'
Fd. 2" I.P.
R.E. 1560

Johnson
 Roberts
 Greer
 Crawford
 6-6-50
 W.O. 23137

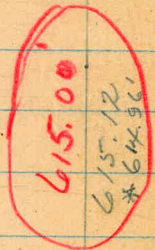
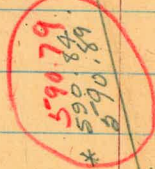
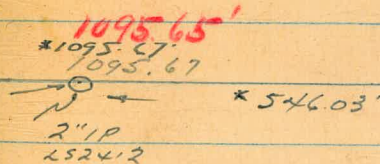
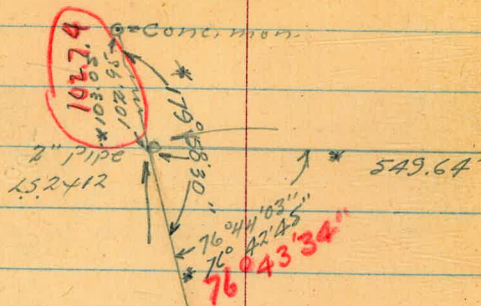
Exterior Boundary Check
 Woodlands Terrace #2

17

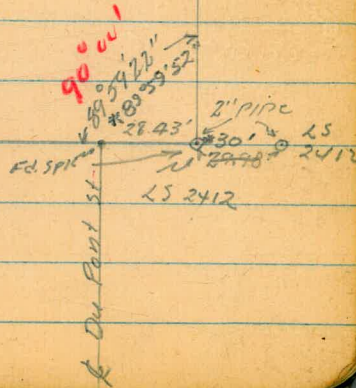
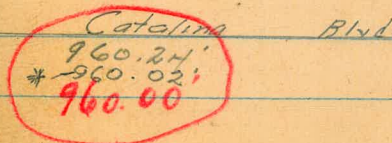
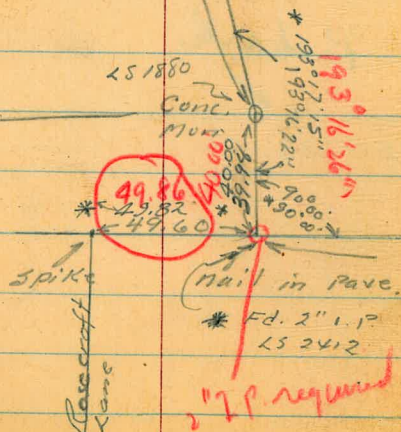
Note:
 * Recheck
 6/27/50
 Hendricks

INDEXED
 JUN 7 1950

Red figures are
 from map



what size
 2" Dia



18

Re Survey Lot 5 Block B
El Nido

19

INDEXED
WJK
OCT 10 1950

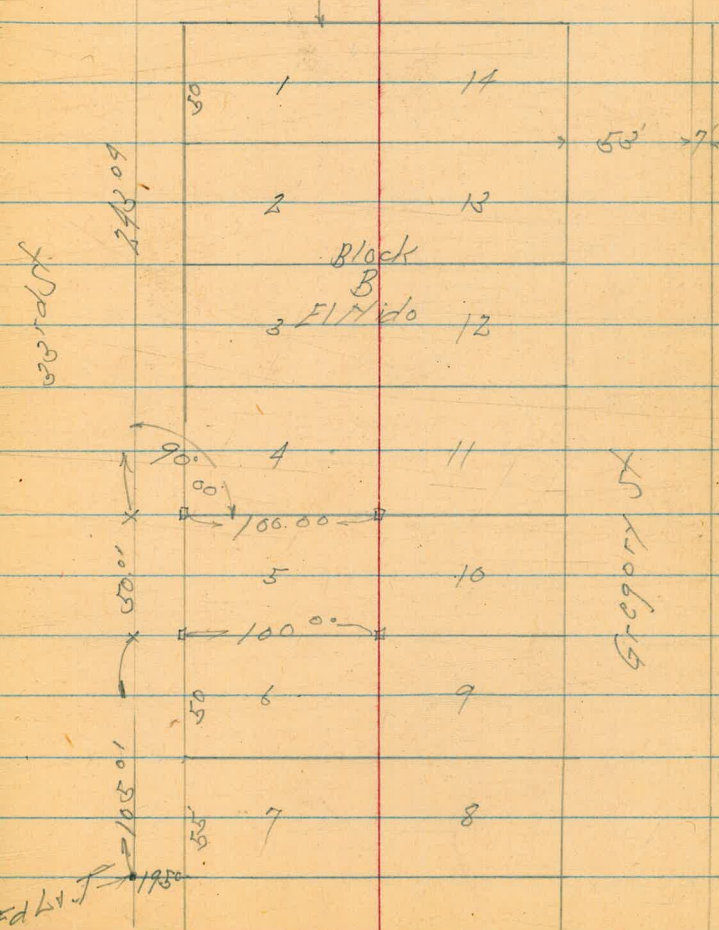
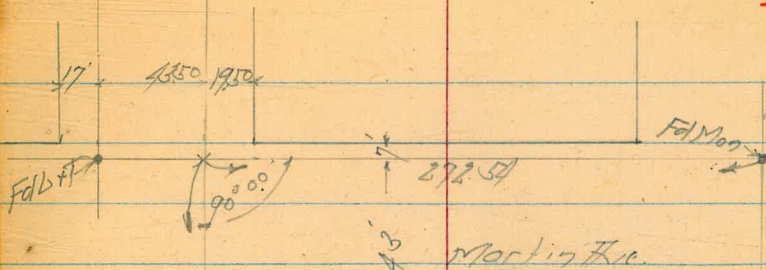
Oct. 9. 50
H. S. Sisson
Garber
Rafter
Pollen

N.O. 20006

Indicators

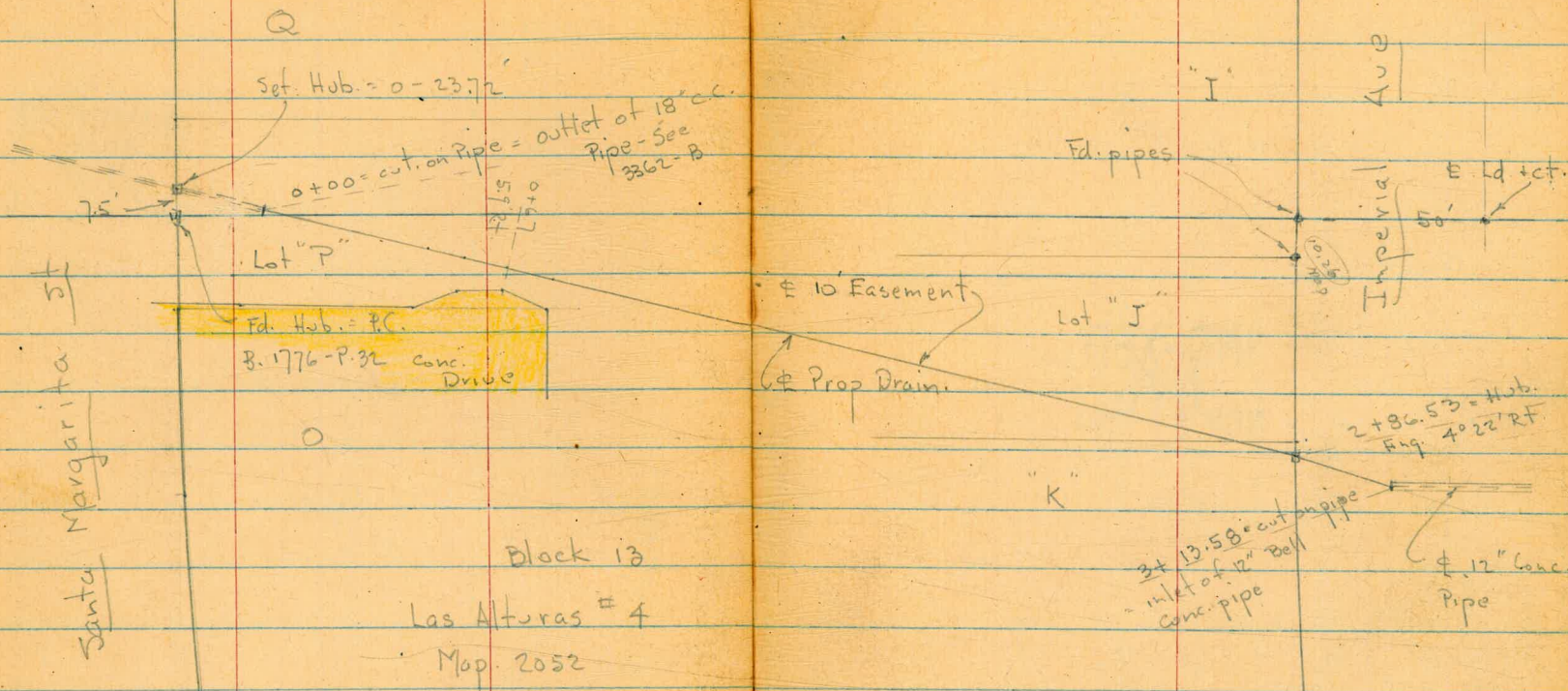
Hub & Disc Set

Chisel/Cross



Fd L.V. J. 1930

Gregory St



Levels along \pm of Prop. Drain thru
 \pm of 10' Easement thru Block 13 - Las
 Alturas #4 - See sketch - P. 20

4809

11-27-50

W.O. 20754

7.0.

1+50

INDEXED
 NOV 27 1950

10.2
20
160.2
9.8
4
160.6
10.7
2.5
159.7
9.4
151.0
8.9
20
141.5

7.5
20
162.9
7.2
2
163.2
8.5
161.9
7.1
2.6
163.3
6.9
20
163.5

0+65 - 5.9' RT \pm Nearest. to Conc. Dr.

0+45

4.0
20
166.4
5.2
2
161.2
6.3
164.1
4.9
3.5
165.5
5.9 = edge
Conc.
166.73
3.6
16 = edge
Dr.

0+00 = outlet of 18" cc. pipe

2.4
29.
168.00
2.6
6
167.8
5.3
I.P. Pipe
165.08
2.1
5
169.1
1.10
26.5 = wly.
of
Conc.
Drive

1.88 170.39 ✓ 8.14 168.51 ✓

0.05 176.65 ✓ 13.10 176.60 = Nail in. Note

B.M. 0.25 189.70 ✓ 189.45 \pm ct. Churchward + San Jacinto
 B. 1776 - P. 33 ✓

170.39 ✓

+ San Jacinto
 Check c.t. - Imperial 6.76 155.22 ✓
 conc. Pavc
 16' N. about on Line of Culvert = edge of
 (Line Covered)
 type - Sewer Pipe Culvert.
 3 + 13.58 = end of Inlet of 12" Conc. Bell

3 + 05

2 + 86.53 = Ang. 4° 22' Rt. - Sect. on Split

2 + 40

T.P. 2.86 161.98 ✓ 112.7 159.12 ✓

2 + 00

155.25 ✓ - B. 776 - P. 36

					156.09
					5.89 edge Conc.
					156.2
					150.92
					156.8
					5.8 12
					11.05 I.E. pipe
					5.2 12
					157.6
					156.9
					154.9
					157.9
					157.1
					4.4 20
					5.1 4
					7.1 1 # 3 Ditch
					5.1 20
					4.3 20
					4.4 1 on Hub. # 2 Ditch
					5.06 1 20
					4.3 1 20
					4.4 20
					157.6
					156.92
					157.7
					157.6
					157.1
					157.6
					158.5
					158.3
					158.2
					158.2
					3.5 20
					3.7 3 # wash
					3.8 3 20
					3.5 3 20
					3.8 20
					161.98 ✓
					159.0
					158.3
					158.9
					159.1
					11.4 20
					11.4 2
					12.1 1 # 2 Ditch
					170.39 ✓ 1 20
					11.5 1 20
					11.3 20

Roberts
Cota
Moore
Clark
12-24-50
W.O. 20005

X-Section Ventura Blvd.

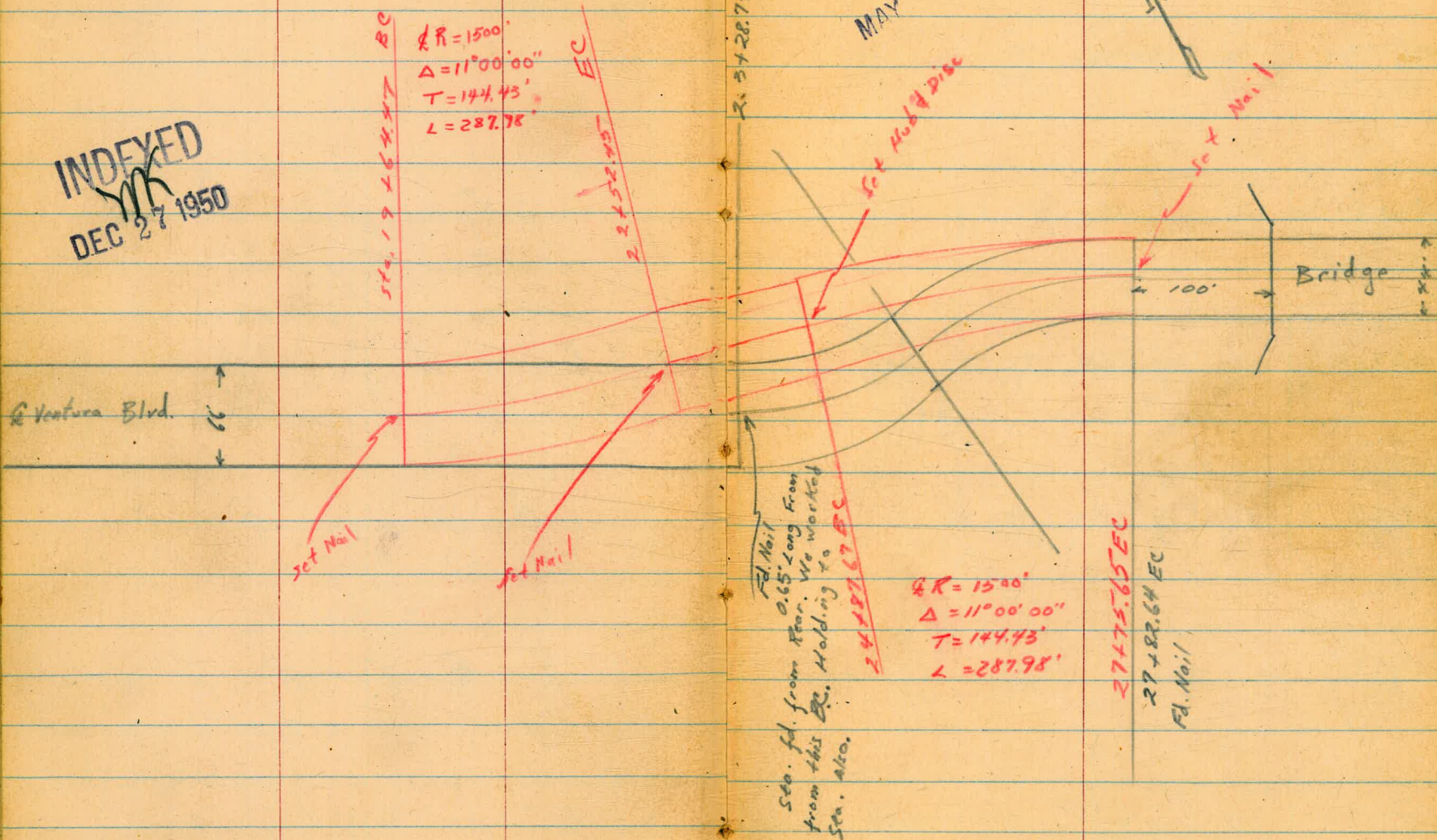
Sta 19+50 to 28+50

75552

INDEXED
DEC 27 1950

INDEXED
MAY 9 1951

23



Old Curves Identical

$R = 500'$
 $\Delta = 23^{\circ}00'00''$
 $T = 101.73'$
 $L = 200.71'$

21+00

1.8	2.3	2.69	3.17	3.24	2.67	2.3	1.0	1.9
5.7	5.2	4.85	4.57	4.30	4.87	5.2	6.5	5.6
75	35	27		6	39	48	75	83

20+50

2.0	2.3	2.50	3.15	2.54	2.2	1.4	1.6
5.5	5.2	5.04	4.39	5.02	5.3	6.1	5.9
75	39	30.5		35.2	44	64	75

20+00

1.9	2.1	2.37	3.08	2.44	2.2	0.8	1.4
5.6	5.4	5.17	4.46	5.10	5.3	6.7	6.1
75	41	33		33	42	62	75

19+64.47BC

2.0	2.1	2.32	3.00	2.37	2.2	1.0	1.4
5.5	5.4	5.22	4.54	5.17	5.3	6.5	6.1
75	42	33		33	42	62	75

19+50

2.1	2.1	2.34	2.94	2.36	2.1	0.9	1.3
5.4	5.4	5.22	4.60	5.18	5.4	6.6	6.2
75	42	33		33	42	62	75

Reduced to City datum
 by Benning
 12-27-50

T.P.	4.54	16.55	392	12.01
TP	5.16	15.93	429	10.77
BM	3.67	15.06		11.388

level BC. 19+64.47

~~16.55~~
 -9.01 = City Data
 H.I. 7.54

USC # G.S. Datum and Bench West & South of
 EC Sta. 12+94.13 approx. 100' off highway.

TP 4.41 ^{10.51}
~~19.52~~
 X 1.44 15.11

23+50

4.6	4.3	2.7	2.0	1.7	2.09	3.94	5.50	5.8
2.9	3.2	4.8	5.5	5.8	5.45	3.60	2.04	1.7
75	50	20		4	13	31	78	87

23+00

2.5	2.1	2.3	2.47	3.11	4.67	4.8
5.0	5.4	5.2	5.07	3.83	2.87	2.7
75	5		4	37	70.7	80

22+52.45 EC

1.7	2.5	2.75	2.93	3.72	3.10	3.7	3.7
5.8	5.0	4.79	4.61	3.82	3.84	5.8	3.8
75	14	5.5		28	62	72	75

22+00

1.8	2.5	2.86	3.23	2.60	3.04	2.9	1.3	1.6
5.7	5.0	4.68	4.31	3.94	4.50	4.6	6.2	5.7
75	24.5	15		19	52	64	76	90

21+50

1.7	2.5	2.74	3.21	3.43	2.77	2.4	1.1	1.7
5.8	5.0	4.80	4.33	4.11	4.77	5.1	6.4	5.8
75	31	22		11.5	44.5	56	67	77

~~16.55~~ 7.54
 X

~~16.55~~ 7.54
 X

Contd From Page 25

Lt

R

R2

26

26+50

2.6	2.4	6.3	6.14	5.09	4.28	1.65	2.4	2.4
7.9	8.1	4.2	1.27	5.42	6.23	7.26	8.1	8.1
75	50	25	132		10	32	50	75

26+00

2.2	1.8	5.7	5.77	5.52	4.43	3.36	2.8
8.3	8.7	4.8	4.74	4.87	6.08	7.15	7.7
75	40	16	32		20	44	75

25+79 9' Lt Begin Guard Rail

25+50 20' Lt to SECOR Conc. Box with MH 5'x6'

3.3	2.3	2.8	2.77	4.3	4.4	4.51	4.37	4.38	4.1	2.7
7.2	8.2	7.7	7.74	6.2	6.1	6.00	6.14	6.13	5.8	7.8
75	50	20	20	15		8	33	56	26	75
		Dirt	MH							

24+87.67 BC

2.8	2.5	2.5	2.6	2.95	4.26	5.58
7.7	8.0	8.0	7.9	7.66	6.25	4.73
75	50		9	19.5	45.5	71

24+50

3.5	3.2	2.5	2.0	2.2	2.39	4.19	6.21
7.0	7.3	8.0	8.5	8.3	8.12	4.32	4.30
75	50		10	13	22	47	77

24+00

4.9	4.5	3.2	2.4	1.7	2.10	4.03	6.13
5.6	6.0	7.3	8.1	8.2	8.41	6.48	4.38
75	50	16		8	20.5	50	80.5

19/52 10.51

19/52 10.51

Contd From Page 26

Lt

R

Rt

27

Choc K

$$8.25 \overset{11.27}{\textcircled{11.17}} = 11.388$$

28+50

5.04	4.93	4.21
5.47	5.58	6.30
22		22

27+75.65 EC

325' to Guard Rail

74.35

2.9	2.6	5.2	5.06	3.94	2.60	2.4	2.3
7.6	7.9	5.3	5.45	6.57	7.91	8.1	8.2
75	62	40	22		22	50	75

27+00

3.9	3.6	6.9	5.93	4.17	4.13	2.37	2.3	2.4
6.6	6.9	3.6	4.58	6.04	6.38	8.14	8.2	8.1
75	57	35	195		35	245	30	75

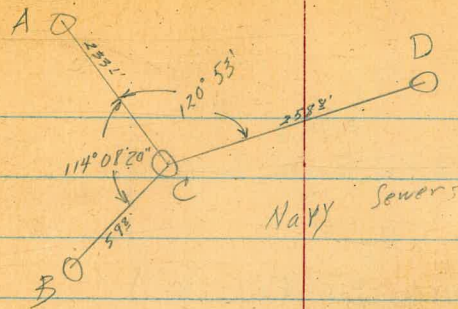
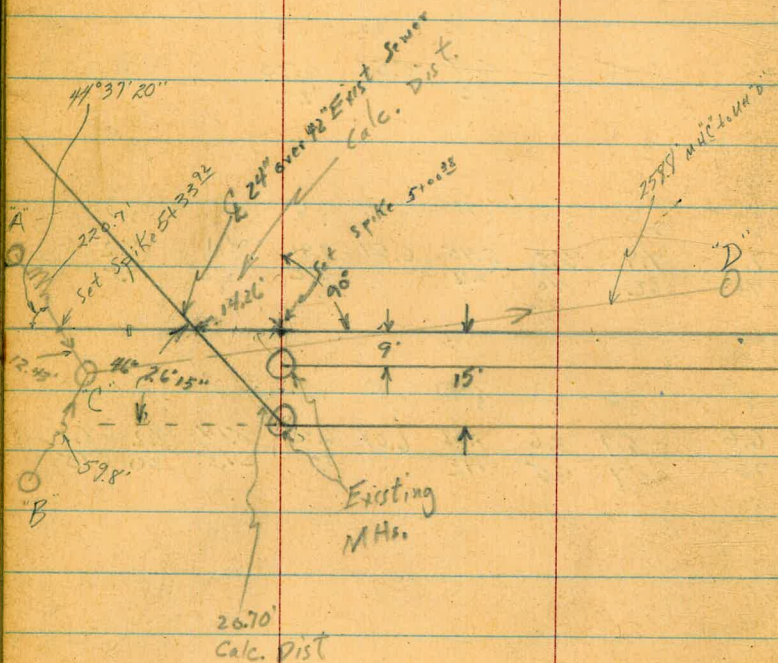
19.52 10.51
π

19.52 10.51
π

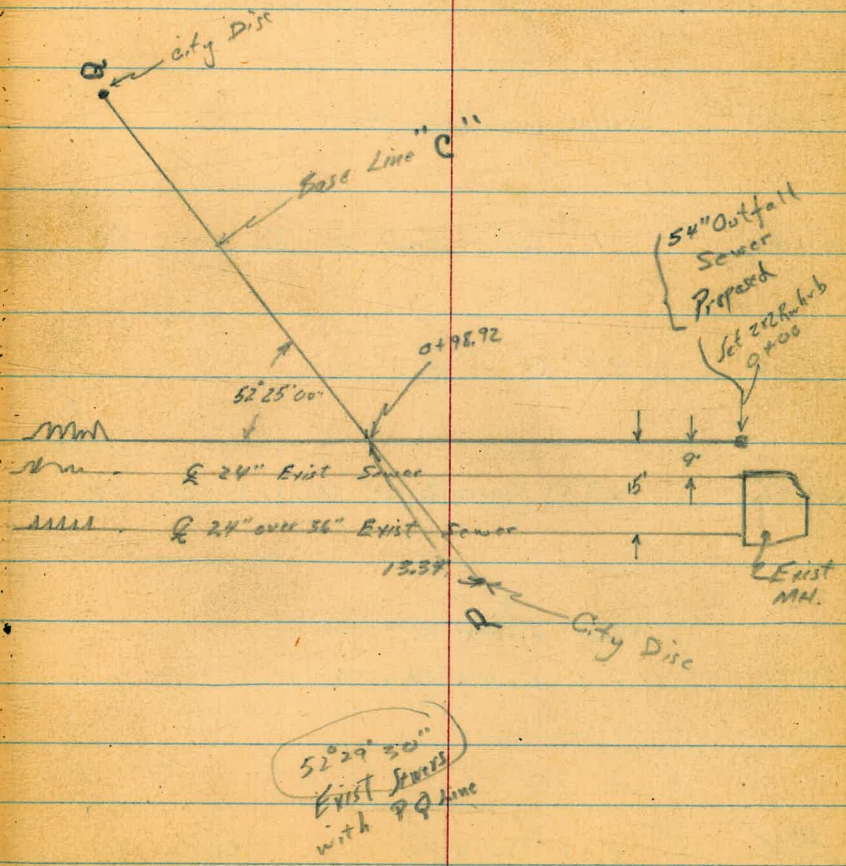
Roberts
Cota
Moore
Clark
1-3-51
WD 26772

Survey For Proposed Outfall
Sewer at Sewage Treatment Plant
and U.S. Naval Destroyer Base

INDEXED
MK
JAN 5 1951



28



Cont'd From Page 28

29

0+71.7 End AC Begin Conc

5.45

8.79

0+67.0² Crosses Far Edge Rail

5.44

8.80

0+63 41' Lt End AC Begin Conc Pav

8.81

0+55.6⁰ Crosses near Edge Rail

5.43

0+54 15' Rt to End Conc Pav Begin AC

0+50 45' Rt to End cb.

0+46 43' Rt Base Light Standard. (22'x40')

5.4

9.2

0+00 19.5' Lt to Near Edge Rail
24.55' Lt to Near Edge Rail

5.10
Hub

9.14

BM 5.24 14.24
*

9.00 chisel Sq.
stack foundation

14.24
*

Cont'd From Page 29

£

30

5.49

5.05

2+21²⁰ Near Edge 6" Curb

5.32
cb 5.76
G.H.

T.P. 2.17 10.81 ✓ 5.60 8.64 ✓

10.81
X

2+12

Fence

End Civilian Begin Navy

5.6

8.6

2+00 28° Rt to Chimney

5.2

9.0

1+58

4.0

10.2

1+35¹ Begin Curb 6" End Conc. Paving

5.22 4.92
G.H. cb

9.02

9.32

1+00

5.44

8.80

14.24
X

14.24
X

3700

5.15-5.53

2736 45 $\frac{1}{2}$ Rt to Storm Drain NH

0.81
10.00
INVERT
Storm Drain

2760

5.12 5.69

2755 1' Lt to Conc. cb.

2753⁷² Far Edge Rail

5.47
5.34

2748⁴³ Near Edge Rail

5.51
5.30

2746³ End Conc. begin AC Pav.

10.81
T

5.36
5.45
10.81
T

T.P. 458 10.14 5.25 5.56

✓
↑

✓

♀

4400

5.22

5.59

3+50

5.31

5.50

3+46¹ End Conc Pav begin AC

5.42

5.39

3+25⁶ Gutter

5.40

5.41

3+23² Hits Edge Conc. Cb.

5.16

5.65

10.81
↑

10.81
↑

check			4.99	9.00	9.00
TP	5.36	13.77	151	8.63	9.96

(Starting BM

£

See Next Page 33

5+14.64 Calculated Intersection with Exist Sewer

3.80
6.34

5+00³⁸

4.59
5.55

4+81.2 End Conc. Begin AC Pav.

4.64
5.50

4+74.2

4.56
5.58

4+61.2

1.93 South in Navy St. to MH
3' Lt. to Center M.H. Storm Drain

2.92
1.39
13.06
INVERT
193 South
of M.H. →

11.53
INVERT
3' -

5.47

4+29.4

Begin Conc. Pav
Cb. Face 6" Curb

5.51
4.63
Cb.
5.05
Gutt

10.14
A

10.14
A

4-12-51

34

check 5.40 5.47 = 5.47 ✓ Rail

T.P. 5.26 10.84 ✓ 3.24 5.61 ✓

Flow Line MH "A"

4.83
INVERT

-5.98

Flow Line MH "B"

15.71
INVERT

-6.86

Flow Line MH "C"

15.90
INVERT

-7.05

T.P. 3.32 8.85X ✓ 5.24 ✓ 5.53 ✓

8.25

Flow Line MH "D"

18.31
INVERT

-7.54

5+36.6 6' Lt to New Fence Corner
3

5+33.92 "Spiko" Intersection With Navy Sewer Line "A" to "C"

(New Fence encloses a small yard in front of Bldg. 124)

5+08.1 14' Rt to New Fence Corner
3

TBM 5.30 10.77X 5.47 Rail Sta. 253.72 10.77X

INDEXED

JUN 23 1951

Encroachments

BIK 107

R. Smith
C. Allen
Mich
H. Bruner

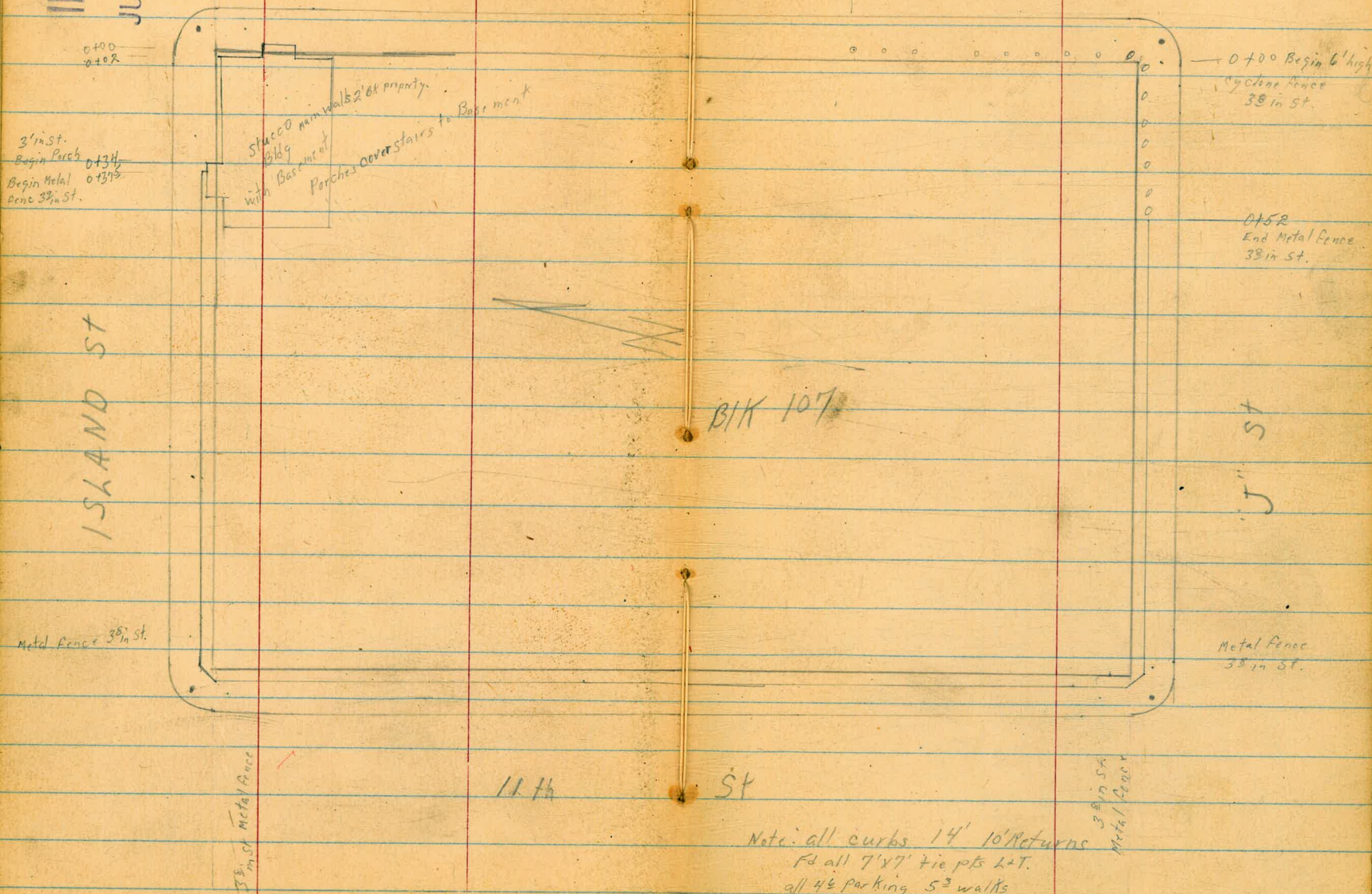
WO# 20008
6-13-51

35

12th St

BIK 107

11th St



Note: all curbs 14' 10' Returns
Fd all 7'x7' tie pts L+T.
all 4 1/2 parking 5' walks

Int Mission Blvd

Pacific Beach Dr.

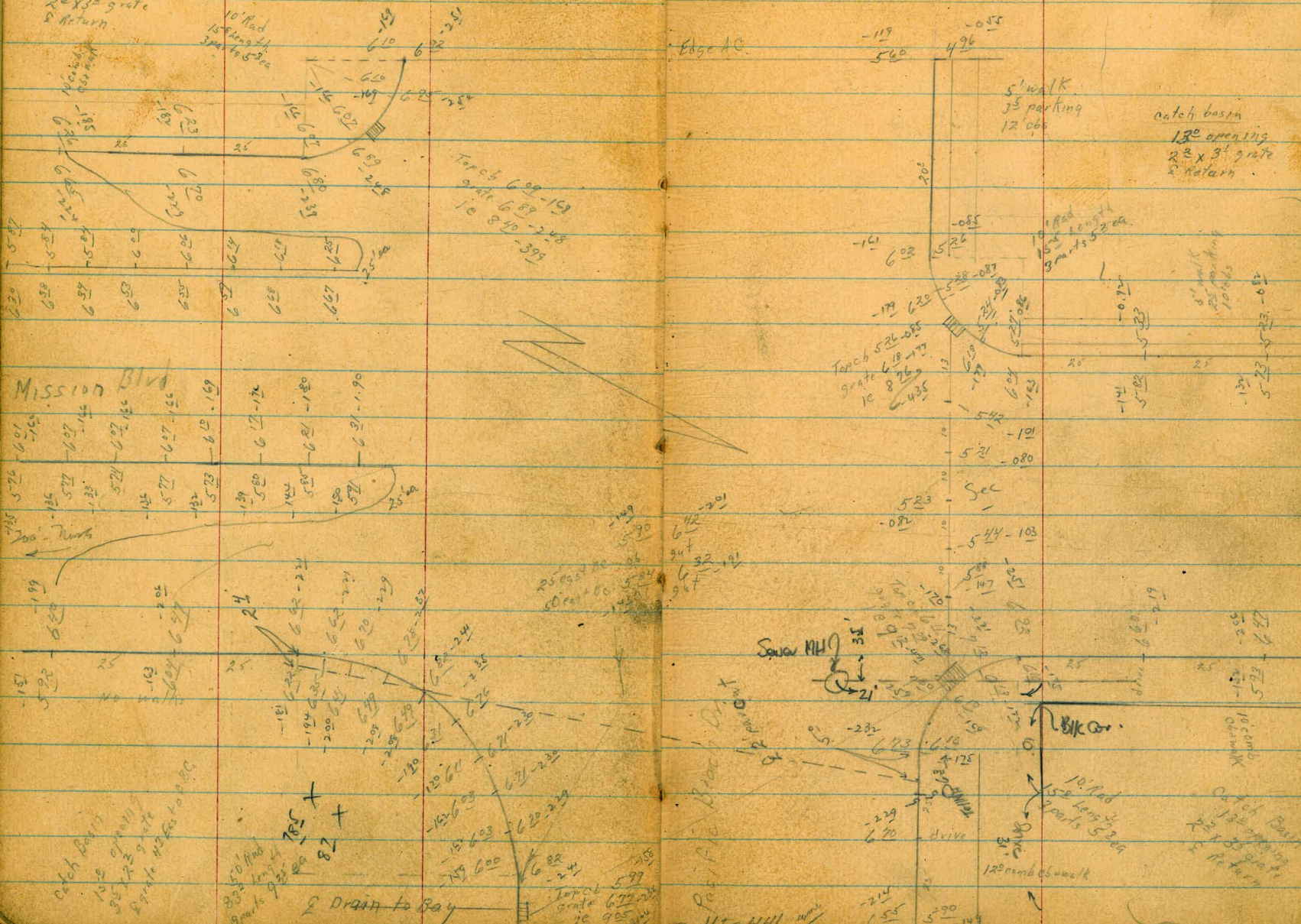
catch Basin
13' opening
22 X 38 grate
& Return

10' Rad
15' length
3' wide to 5' dia

Edge AC

5' walk
3' parking
12' curb

catch basin
13' opening
22 X 38 grate
& Return



D. Smith
R. Shepherd
Nick
Cotman

Cross Sec Pacific Beach Dr
Ocean Walk to Mission Blvd.

WO# 20745
7-23-51

IND D

JUL 24 1951

Note, ref. tie Pt BK 25-52

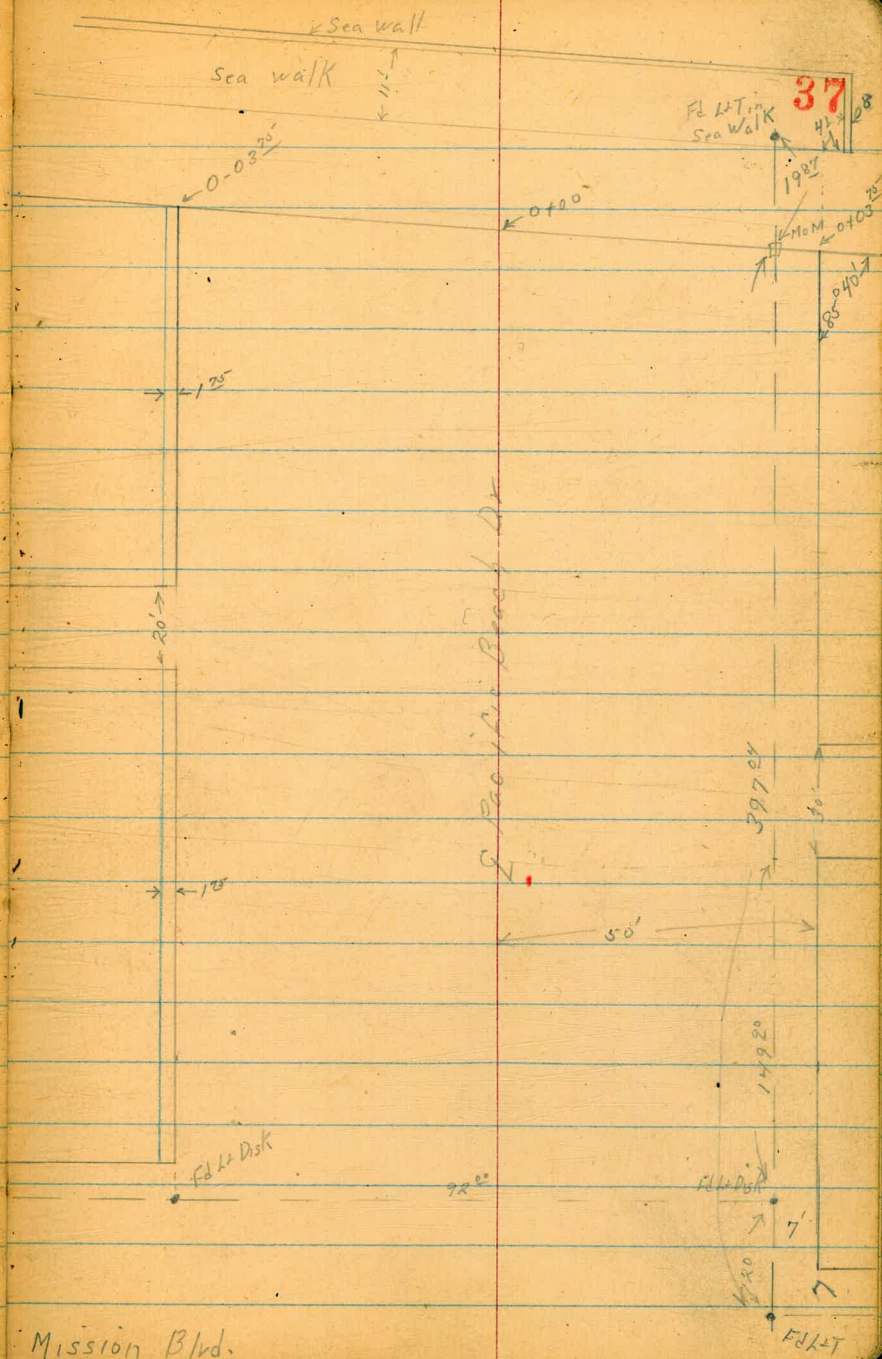
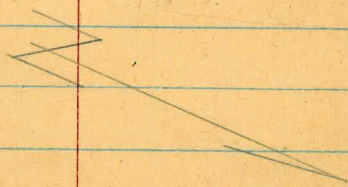
— property line
— proposed property line if closed.

T.P. BK 25 p 52 & 2

Ref; T.P. BK 20 p 52

FB 1156-75

3814-B



2043 - Pg 37

38

Lt = North

Rt = South

39

0792^E 40^S Lt & 14" Power Pole #730

0783 49^S Rt. NE cor courts

0772 40^S Lt & Dead man

0750

~~0700~~

0-044 49^S Rt NW cor courts

0-15 Easterly edge sea walk

BM North end seawall

122

708 ✓

TP

474

907

075

436

BM

684

514 ✓

-123 ✓

NEBP Pacific Ocean
Mission Pt.

Note (50' off North
Prop.)

87

305

495

floor

51	41	31	21	11	01
23	12	44	47	51	51
50	37	25		25	49

41	31	21	11	01
52	51	51	56	53
50	25		25	49

87

302

496

floor

474	474	474	474	474	474
433	435	436	437	437	442
84	50	25		25	50

907 ✓

Lt=North

Q... Rt=South

40

1750

31	31	31	31	31	31	31	31
58	58	52	32	41	57	63	60
50	39	25	18	7		25	50

1743 49.2 RT Easterly edge 20' Alley

3.17
5.20
49.2
easterly
alley

1733 49.8 RT E 20' Alley con.

6.0
6.02
49.8
E alley

1724 49.1 RT E 18" Power Pole # P733

1723 49.8 RT westerly of 20' con alley

8.54
5.57
49.8
easterly
alley

1700

60	51	21	21	21	21	21	21
30	33	20	42	47	49	53	53
50	36	20	13		25	47	

BM

0199 49.3 RT E 3' con walk

3.57
5.40
49.3
walk

9.07

2738 50' RT & single garage con Floor & apron

2731 39' LT & 12" Power Pole # 750

2730 50' RT & 3' con walk

2728 49' RT End 3' board fence

2724 35' LT & SMH

2717 49' RT Begin 3' board fence

2706 53' RT & House

2700

1792 49' RT & 3' con walk

1785

Lt = North

8

RT = South

41

8

029

907

828

50'

602

apron

Floor

003

112

907

725

50'

60'

walk

03

844

350

rim

521

586

532

Floor

17

19

8

24

17

72

81

83

72

72

50

25

25

50

187

720

492

walk

27

27

27

35

20

27

19

70

62

42

55

71

72

73

50

27

22

6

25

50

907

Lt = North

Rt = South

46

2+82^{1/2} 27° Lt 7^{1/2} Rt Easterly con pumping slab

111
552
27°
pump
slab

111
555
7^{1/2}
pump
slab

2+75 51^{1/2} Rt NW cor Bldg stucco

2+72 51^{1/2} Rt R 5' con walk

1020
46
51
walk

27° Lt 24^{1/2} x 21^{1/2}
2+61 7^{1/2} Rt Westerly edge con pumping slab

111
552
27°
pump
slab

552
7^{1/2}
pump
slab

2+58 40° Lt E Dead man

2+50 5^{1/2} Rt of 7x7 city shed pump

30 01 09 1020 104 102
47 48 53 469 50 46
50 25 35 floor 25 50

2+43 50^{1/2} Rt Begin 3' picket fence

TP₂ 164 4 41 630 2.77

1
441

Lt North

£

Rt South

43

BM starting

6¹⁵ - 1⁷⁴ 12³

3774² westerly end improvements obs. & AC paving

51	51	21	51	71	181	51	151	59
496	496	561	556	63	627	695	609	601
465	372	372	25		25	402	402	50
walk	cb	gut				gut	cb	on walk

51	51	31	41	131
49	52	57	52	54
50	25		25	50

3750

3718 50² Rt NE cor Bldg

026
415
502
Floor

3709 39² Lt £12" Power Pole #778

3700

51	51	71	71	51
53	53	56	55	46
50	25		25	50

2792 40³ Lt £12" Power Pole #780

Transformers on top between poles

441 ↓

Profile of outlet.
con to Bay 45' East of Mission Blvd.

2750

47

5493

11⁰⁵ 620 62
10 rim ground

2400 opening open

466 906 60
10 ground

5450

62-12

TP, 388

570 258 182

1750

45

5400

52-12

1400

42

4750

53

0750

51

4400

44

↑
going southerly

454 227 158
904 677 598
10 grade 06

3750

46

0400 = South 06 King Pacific Beach drive
2 inles. SE Return

BM

613 440

-123

NE BR
Mission Blvd.
Pacific Beach

3700

46

440

BM start

TP₂

TP₁

BM start

TP₂

7794 outlet

7770

7450

7400

6750

6700

Notes Reduced 7-28-51

616	-1.74
623	0.91
444	0.04
542	-1.73
559	0.16

157	347
1153	917
1c	Top

47

43

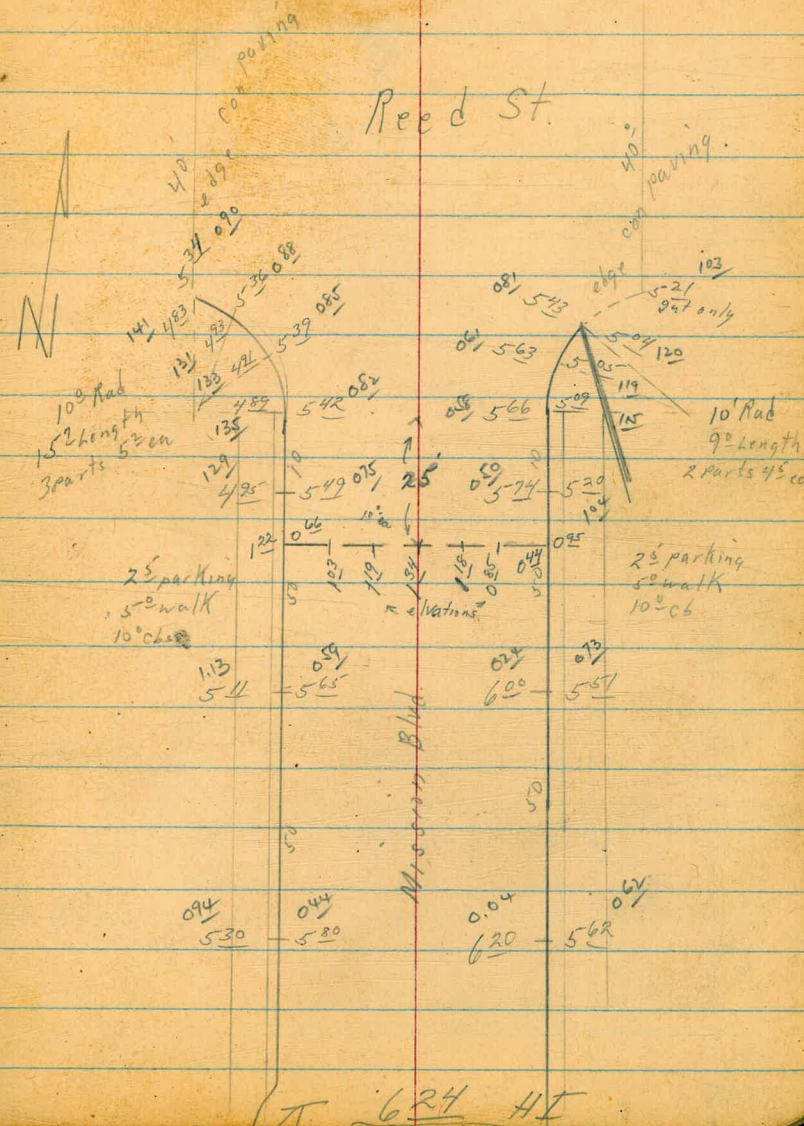
53

67

62-12
 570

Int Southerly Reed
Mission Blvd.

45



X-Sept. Haller + Red wood

6695

12-11-52

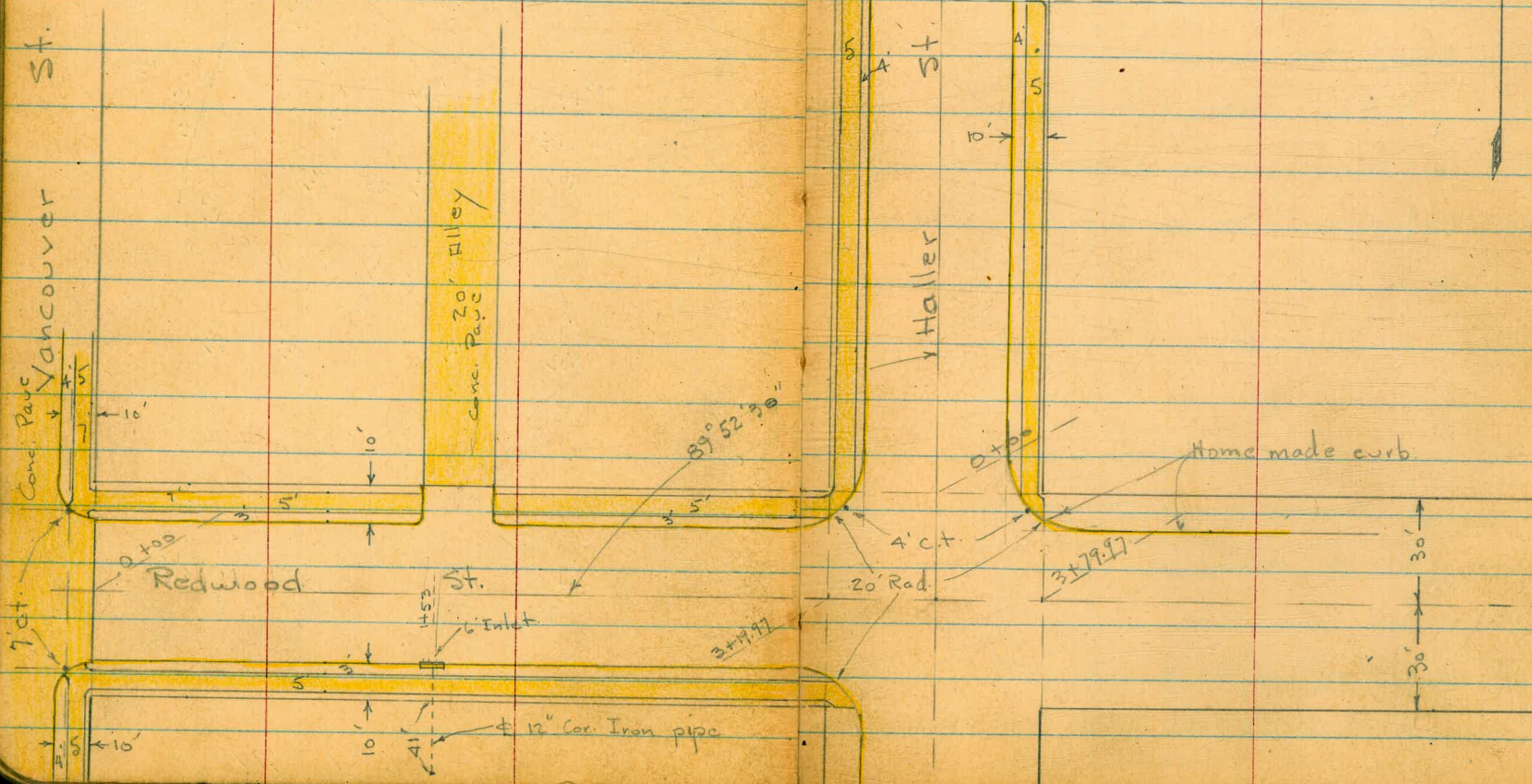
7.0.

W.O. 21985

T.P. sheet 2526

INDEXED
C.R.P.
DEC 16 1952

used for line
Fd. Id. + ct.
3+60



X-Section Redwood from Vancouver to E. of Haller. - Sketch - P. 46

1+53 = 6' opening inlet on S. - 8" opening - 1'x6' Box - no grate

Cross gut. from Alley to Inlet on S.

1+50 = W.L. of 20' Alley to N. - Rough Cold Lay for

1+20

0+90

0+85 = 10.3' Conc. Dr. on Lt. - 2 rough Conc. strips

0+55

0+30

0+00 = edge of Conc pave

0-10 = E. Curb of Vancouver - Conc. pave

B.M. = S.W. B.P. Vancouver + Redwood 299.98

Lt.

±

Rt.

47

76.65
11' = I.E. of Outlet

95.80 96.75 94.82
20.2 Top I.E. of Box
gut = 11' Cor. Iron
Conc. Culvert.

97.78 97.31 97.01 97.26 96.9 96.6 95.81 96.68
70 conc. Top 30 gut = 3' Rad. 20 Top
" " edge Conc. Pavc 9 gut. Conc. = wly. of 6' opening
Inlet.

97.36 96.8 96.6 96.0 96.80
Top 20 gut. 20.1 Top

97.78 97.3 97.2 96.4 97.31
Top 19.9 gut. 20.1 Top

97.85 97.54
22.9 walk 19.8 = gut. on Conc.

98.78 97.8 98.2 97.3 98.29
Top 19.9 gut. 19.9 Top

99.37 98.5 98.8 98.0 98.86
Top 19.9 gut. 20 Top

99.99 99.41 99.45 99.43 99.29 99.15 99.55
Top = 19.9 Rd. 10 gut. 19.9 Top

00.68 00.07 300.05 99.42 99.30 99.17 98.99 98.94 99.57 98.39 98.98
Top 80 gut. Top = 30 Rd. 20 20 30 gut. Top = 80 Rd. 20 80 Top
200 ft. Not Noted. gut. Top

Actual Elev. Shown

Redwood

Haller + Redwood.
Set B.M. on N.W. 4' c.t.

301.44

3+50 = #

01.1 30	00.8 20	00.3	99.8 20	99.2 30	95.74 70 on Sewer M.H.
------------	------------	------	------------	------------	---------------------------------

3+30 = w. cb. Haller

00.6 30	00.4 20	00.4	99.8 20	99.0 30	98.1 40 gut.	99.02 Top = 70 Pt. Top cb.	95.98 70 Top cb.
------------	------------	------	------------	------------	--------------------	-------------------------------------	---------------------------

3+27.2 = Int of S.L. of Redwood + curb of Ret

99.2 30 gut.	00.02 Top.
--------------------	---------------

3+19.97 = w.L. Haller

01.26 Top	00.3 22.8 gut.	00.4	99.7 22.7 gut.	00.60 Top
--------------	----------------------	------	----------------------	--------------

3+10 = P.C. 20' curb Rad.

01.00 Top P.C.	99.7 19.9 gut.	00.1	99.5 20 gut.	00.51 Top = P.C.
----------------------	----------------------	------	--------------------	---------------------

2+80

00.05 Top	98.9 20 gut.	99.2	98.8 20 gut.	99.62 Top
--------------	--------------------	------	--------------------	--------------

2+40

98.93 Top	97.8 19 gut.	98.3	97.7 20.1 gut.	98.42 Top
--------------	--------------------	------	----------------------	--------------

2+00

98.01 Top	97.2 20 gut.	97.4	96.7 20 gut.	97.49 Top
--------------	--------------------	------	--------------------	--------------

1+70 = Ely. of Alley

97.91
70

97.67 Top endcb.	97.21 30 gut. = edge pave	97.61 Top 3' Rad.	96.9 20	96.8	96.1 20.1 gut.	96.97 Top
------------------------	------------------------------------	-------------------------	------------	------	----------------------	--------------

1+60 = # Alley

97.50 70	96.81 30 edge Conc.	96.9 20	96.75 on Sewer M.H.	96.0 20.1	96.82 Top
-------------	---------------------------	------------	------------------------	--------------	--------------

Lt.

#

Rt.

48

Redwood

5+05 = end of graded St.

guard rails - 4x4 posts.

5+01.5 - 13.2 Lt. + 27.2 Rt. = ends of 2-2x6"

4+80

4+69: 22.4 Lt. = 11.5' Conc. apron to Sing. Gar.

4+64 = Ely. of 2' Rad. = end of cb. on Lt.

4+50

E of E.L. of Haller.

Note: Owner of Prop. on Both sides - says no paving

4+15

4+05 - 21.5 Rt = # P. pole # J.P. 36 57

4+00 - 28.4 Lt = # 5" Tree

3+91 - 27' Lt = # 4" Tree

3+90 = opp. P.C. of 20' Rad. Ret. on N.

N.E. Ret. Beg. Homemade curb.

3+79.97 = E.L. of Haller = end Regular curb on

3+71 - 35.1 Rt. = E F.H.

299.51 = Top of Bottom Flange

3+70 = E. cb.

Lt.

#

Rt.

49

94.2	94.6	95.2	94.9	94.5	93.8	90.0
40	30	20		20	30	40

98.13	97.44	97.1	96.5	96.6
30 on Conc.	18.9 = 7' Conc. slab.		20	30

00.35	98.84
29.9 = floor Gar.	22.4 = apron

99.76	99.69	99.0
24 end = Top cb.	Top 2' Rad.	19.9 = gut.

00.4	00.10	99.3	99.0	98.7	97.7	99.2	98.8
30	Top	19.9		16	19	24	30
		gut.					

02.0	01.50	00.9	00.4	300.0	98.8	00.7	00.6
30	Top	20.1		15	19	21	30
		gut.					

01.89	01.27	00.8	00.3	99.9	99.2	00.8	00.8
30 on Conc. walk - 35	Top	20.3		14	18	20	30
		gut.					

01.09	00.7	00.1	99.4	00.2	99.9	96.6
Top	22.7		18	20	30	70
	gut.					

00.8	00.6	300.0	99.8	99.4	95.7
30	20		20	30	70

INDEXED
C.R.P.
DEC 16 1952

Avacado Grove Begins

5+66 = Top of fill = end for Now.

81.4	81.0	79.4	78.0	78.0
30	20		20	30

5+45 = end of New fill - Not Completed.

86.9	86.6	91.4	90.9	90.6	82.7
30	25	15		15	30

5+31 = 20.5' Rt. = ♀ P. pole # 3665

X-Sect. Haller from Redwood - N.

see sketch - P. 46

2+30

2+00

1+91 = ± 14' Conc. Dr. on Rt.

1+50

1+41 = ± Sewer M.H.

1+00

0+95 = ± 12' Conc. Dr. on Rt.

0+50

0+10 = P.C. 20' Rad.

0+00 = N.L. Redwood

B.M. = N.W. 4' ct.

See P. 48

INDEXED
C. R. P.
DEC 16 1952

03.30 = Rim

301.44

Lt. #

Rt. 51

05.17 04.7 04.4 04.0 04.78
Top 20.1 gut. Top

04.70 03.9 03.9 03.7 04.34
Top 20 gut. Top

03.65 04.18
20 Dr. 24.1 walk

03.91 03.1 03.3 02.8 03.60
Top 20 gut. Top

03.17 02.2 02.7 02.2 02.87
Top 20 gut. Top

02.12 02.75
19.9 Dr. 24.1 = walk

02.41 01.5 01.8 01.4 02.12
Top 20 gut. Top

01.79 00.8 01.2 00.9 01.53
Top 19.9 gut. Top

01.60 00.5 01.1 00.8 01.32
Top 22.8 gut. Top on Ret.

Actual Elev. Shown

Haller

5+05

4+75

4+30 - 43.9' Lt. = ± 2' Conc. Walk

4+25

Rest are in Alley

4+00 = on 8' Conc. Dr. on Lt. = Last Gar. on St.

3+97 - 29.2' Lt. = end wall

4' Id. + ct. at 3+60 on Lt.
5' walk

3+65 - 29.2' Lt. = Beg. 8" Conc. Block wall at Nly. of

5' Conc. walk to w.

3+60 = end curb + walk on Lt. - also = Sly. of

3+52 = ± 11' Conc. Dr. on Lt.

3+10 = 2.5' s. of N. edge of 13.5' Conc. Dr. on Lt.

2+60 = end curb + walk on Rt.

Lt.

±

Rt.

52

08.6 07.9 07.2 95.2 -
50 30 16

08.6 08.0 07.5 00.2
50 30 12
Mac. Lot. Top Bank → same slope →

09.00 08.93 walk
54 43.9
walk 08.2 08.0 07.6 07.3 287.5
40 30 15 26 - same slope cont. →

08.95 08.65 08.3 07.7 07.1 07.2 94.2 84.5
60 44.4 30 20 11 30 50
Dr. Dr.

09.88 08.3
Top wall 29.2 = ground

09.77 07.24
Top wall 29.2 = walk

07.28 07.23 07.21 06.7 06.5 06.33 06.4 02.4 88.0
29.2 24.2 top 20.2 10.4 25 30 50
walk gut. Top of water valve cap.

07.08 06.40
24.1 20.1
walk Dr.

06.41 05.82 05.6 05.0 06.6 05.1 00.3
24 20 18 25 30 40
walk in Dr.

05.63 05.0 04.9 04.6 05.24 05.26 05.33
Top 20 19.9 23.9 25
gut. Top walk

Haller

Lt.

±

Rt.

53

See Thorn plan for end of pave
5+65 = end - ± goes down steeply from here

5+35

5+20 - 14' Lt. = Beg. Planting of Fruit Trees

09.6
78.8
By House

08.9 00.6 99.8 86.9
55 20 15

Level yard
Last House

08.89 05.2 00.4 95.4

50.3 30 15
Low. Conc. wall

INDEXED
C.A.P.
DEC 16 1952

→ same slope

88.6
15

Roberts
Cota
Moore
Fuller
1-20-53
W.D. # 21064

Survey For Storm Drain
Block 16, Las Alturas #4
Imperial To Castana
West of San Jacinto

(T.P. 3334 & 3335)

Fd. Hub & City Disc
P.I. = 284.02 From B.C.



Castana

Block

16

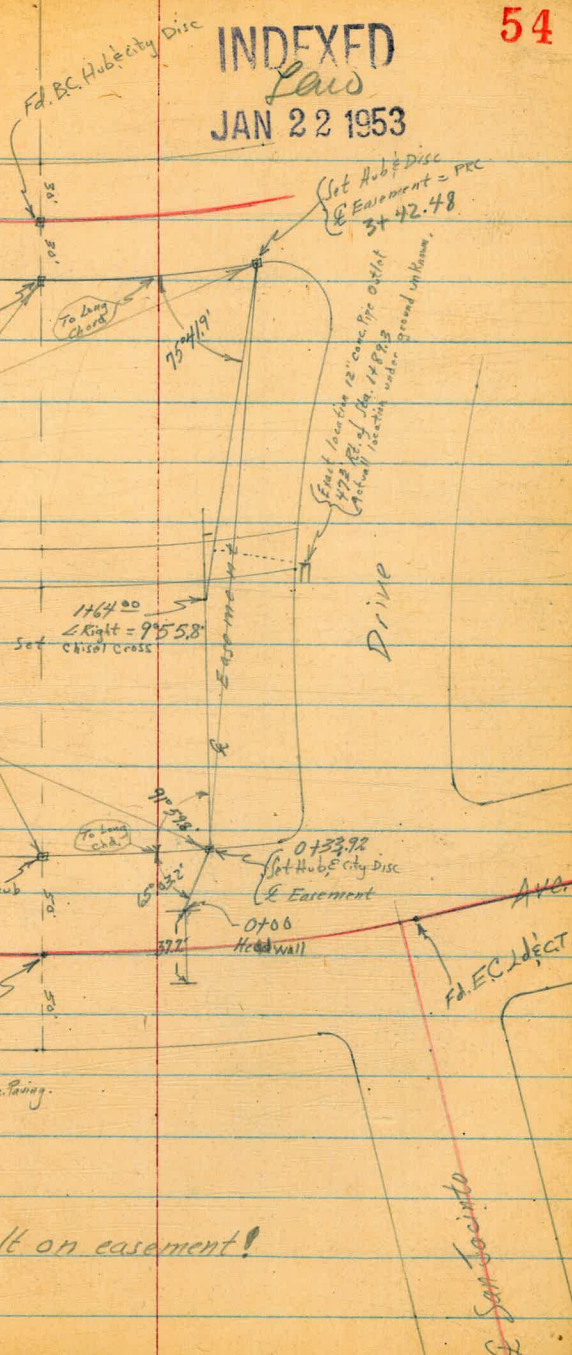
$\frac{1}{2} = 4^{\circ}57.8'$
Chd. = 113.62'
PROP. RAD. = 65221'

$\frac{1}{2} = 2^{\circ}35.6'$
Chd. = 85.97'
PROP. RAD. = 950'

Imperial

Fd. L.D. set in EN' Conc. Paving.
Covered with A.C.
B.C.

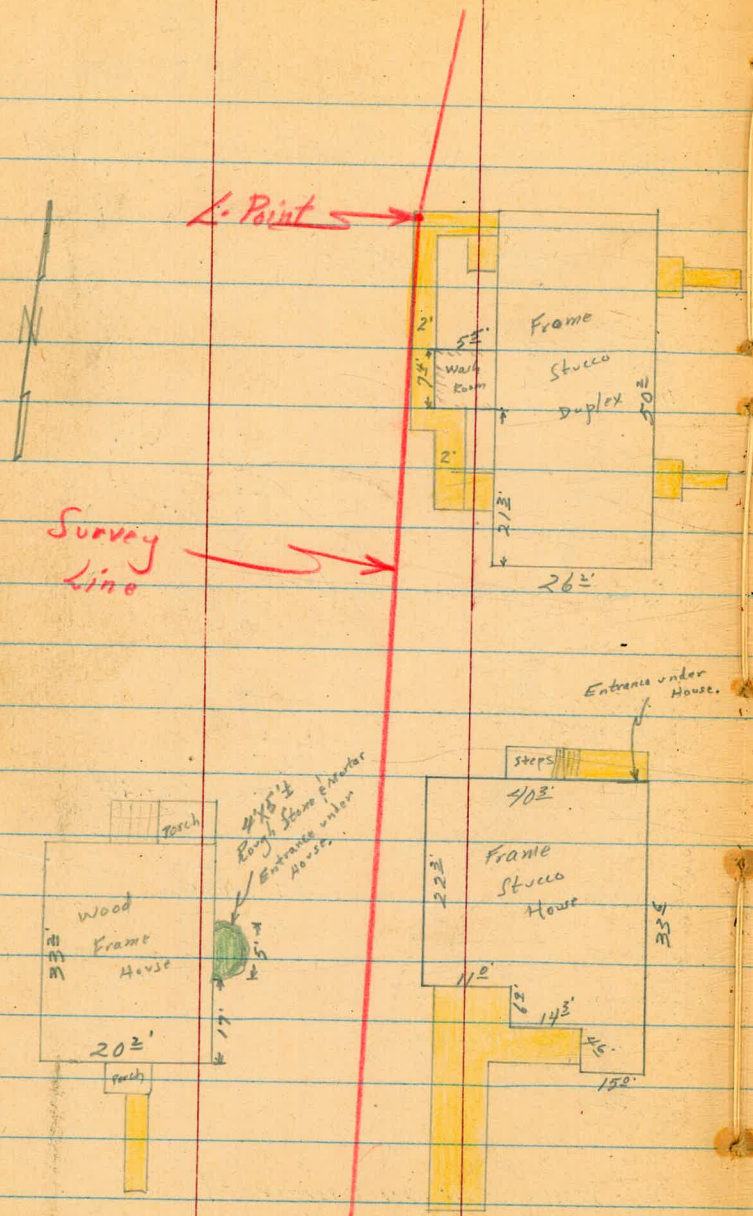
House built on easement!



INDEXED
Laws
JAN 22 1953

54

San Jacinto



0+60 1² Rt. to center 3" Tree (Ornamental)

0+51[±] 12² Lt to S.E. Corner Wood Frame House

0+50

159.2
4.9
10
159.3
4.8
10
ON
DRIVE
159.4
4.5
10
ON
DRIVE

0+39[±] 1² Rt to center 10" Pepper Tree

0+36 9⁴ Rt to Corner of begin 9' Canal Drive

0+34[±] 4⁴ Rt to Corner 2' Lath Fence

2' Lath Fence on P.L.

0+33.92 Angle Point Left. NORTH LINE IMPERIAL

159.5

4.5

0+29[±] 8² Rt to center P.Pile # 377249

0+00 North End Culvert in Imperial

149.00
9.21
INVERT
154.9
4.2
GROUND

BM

3.89 159.11 ±

155.22

℄ N.E. Ct. Imperial
8 E. of S San Jacinto
FB2043 pg 22

159.11 ±

Cont'd From Page 56

1+50 5¹/₂' Lt End 2' Lath Fence

1+37 1¹/₂' Lt & Clothes Line Pole

1+18^E 5¹/₂' Rt to beginning of 2' Conc. Walk

1+15^E 11³/₄' Rt to S.W. Corner Duplex

1+11^E 12' Rt & Clothes Line pole.

0+90

0+86^E 4³/₄' Lt to 15" Fruit Tree

0+85^E { & Crosses 2' Lath Fence
13¹/₂' Lt to N.E. Corner Wood-Frame House

0+83^E 4¹/₂' Rt to NW Corner Frame Stucco House

0+61^E 6¹/₂' Rt to S.W. Corner Frame Stucco House

159.117

2+

147^E
11.6
10

£
148^E
11

148^E
11.2
8^E

Rt 57

149^E
9.5
10

£
150^E
9.1

149^E
9.2
10

159.117

Cont'd From Page 57

Lt

Rt

Rt

58

2+00

1452

1452

1462

4.1
10

4.1

3.9
10

1789³ Rt. 47³' at Right Angle to End of 12" Conc. Pipe

14488
5.13
47³
INVERT

1776³ E crosses 4' Chain Link Fence

1774⁵ 9⁵' Lt to center T. Pole # 573622 H

1767 6¹' Rt to N.W. Corner Duplex

1765⁵ 3⁵' Lt E Clothes Line Pole

1764 ANGLE POINT RIGHT (Chisel/Cross 0.1' off Corner)

1462

1462

3.4
10

3.1
0.1 1/2" off
60" for 9" R

1763 5⁸' Lt to Deadman

T.P. 2.12 150.01¹X 11.22 147.89¹

150.01¹X¹

159.11¹X

Cont'd From Page 58

2+90

2+70

2+58

2+50

2+37

2+25

2+15

150.01X

Lt

144.1

5.3
25

144.5

5.5
12

142.0

8.0

138.6

11.4
26

144.5

5.5
34

144.8

5.2
10

145.0

5.0

144.8

5.2
5

138.8

11.2
29

144.6

5.4
40

145.1

4.9
12

140.7

9.3

139.1

10.3
9

139.6

10.4
29

144.4

5.6
40

145.2

4.8
14

140.8

9.2
6

140.1

9.9

143.2

6.1
25

145.5

4.5
18

140.8

9.2
13

142.1

7.6

145.2

4.8
20

145.7

4.3
30

145.2

4.7
15

141.8

8.2

145.5

4.5
22

145.2

4.1
25

145.1

4.9
10

145.2

4.1

145.8

4.2
5

142.8

7.2
16

144.5

5.5
25

150.01X

59

Check

1.66 155.21[↓] = 155.22 Starting B.M.

T.P.

8.35 156.87[↓] 149 148.52[↓]

3+42.48 Prop. Line P.C. END EASEMENT

1978	1979	1977	1945
6.2	12.6	12.9	5.5
32	8		18

3+21

1982	1977	1978	1992
5.1	12.3	12.1	5.3
23		14	28

150.01 X

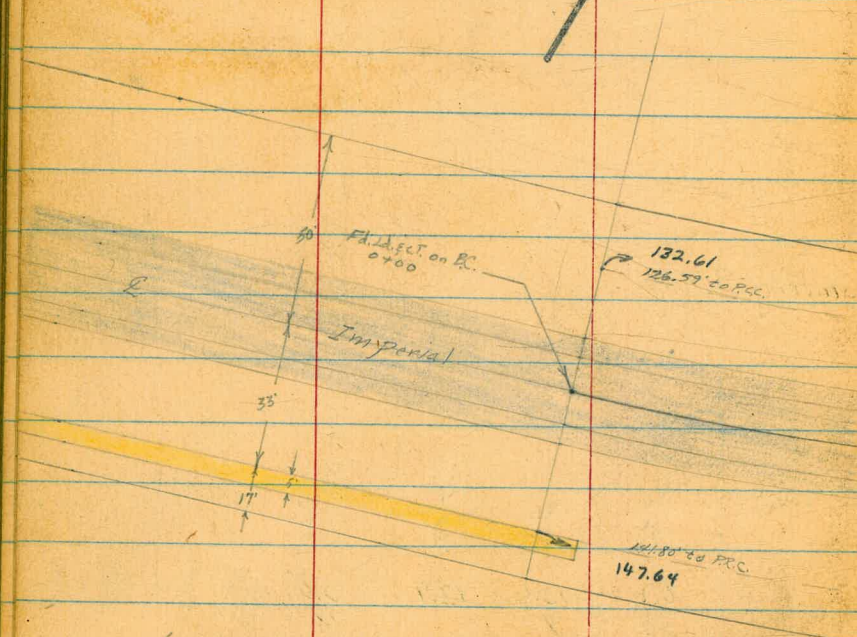
150.01 X

Roberts
Cota
Morse
Pulley
2-24-53
W.D. # 21064

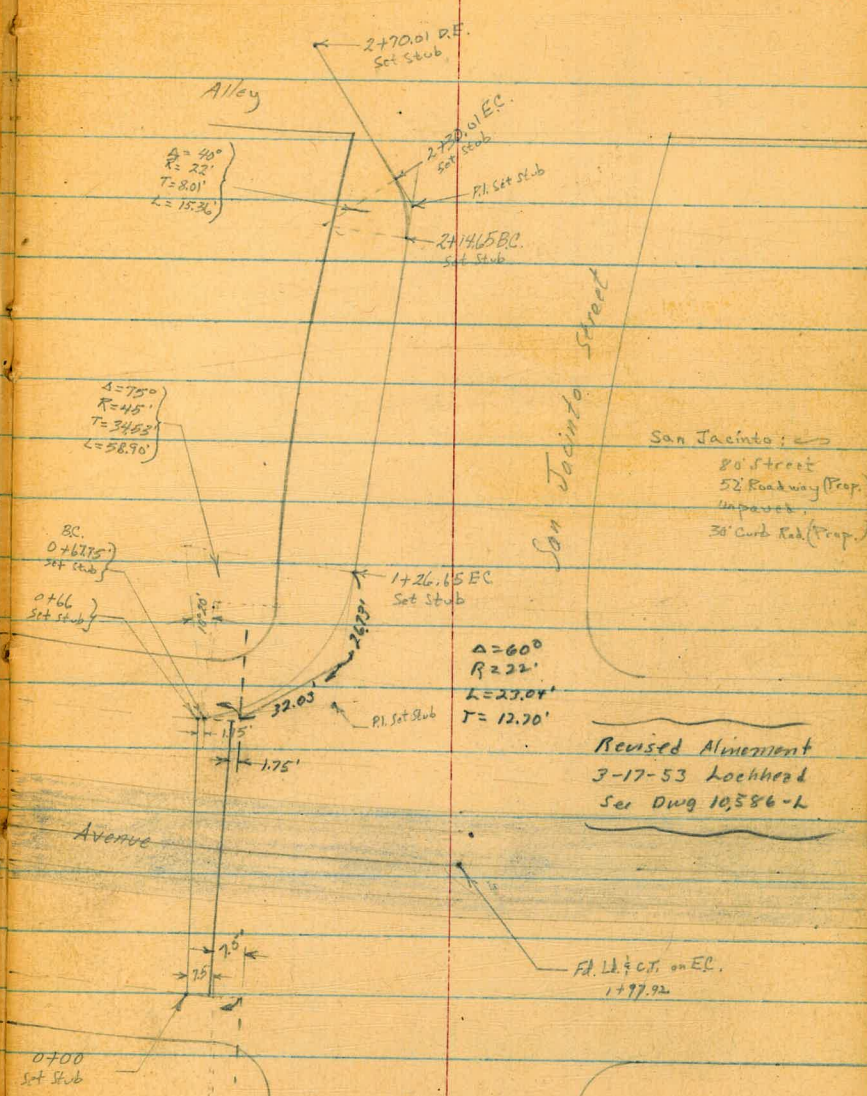
Survey For Proposed Storm Drain
San Jacinto & Imperial
X-Section Portion of Imperial

Map 2052

Imperial: es
100' street
66' Roadway (Proposed)
5' Combination Curb & walk
18' conc. Strip in center
covered with AC, which extends
5' ± beyond on both sides



Curve on Imperial
Fd. Ld. P.C.T. on B.C. Wrt of E.C.
Long chord chained = 172.79'
 $\frac{1}{2}$ Turned = $5^{\circ} 40.3'$



San Jacinto: es
80' street
52' Roadway (Prop.)
Unpaved
30' Curb Rd. (Prop.)

Revised Alignment
3-17-53 Lockheed
See Dwg 10586-L

Fd. Ld. P.C.T. on E.C.
1+97.92

Cont'd from Page 61
X-sect. Curve of Imperial

1497.92 FC.

1450

1400

0450

0410.5 End Curb & Walk on Right

0400 BC. Just West of San Jacinto

BN

3.90 159.12 \checkmark

155.22

LA PCT on X Imperial
on EC at
San Jacinto

159.12 \checkmark

70 60	152.1	70 60	152.1	423 13	154.89	3.86	155.26	3.85	155.27	3.0 50	156.1	2.6 60	156.5
57 60	153.4	51 30	154.0	434 14	154.28	3.92	155.20	3.85	155.27	2.1 50	157.0	1.9 60	157.2
45 60	154.6	45 30	154.6	397 14	155.15	3.43	155.69	3.33	155.29	2.6 18	156.5	2.0 50	157.1
49 60	154.2	46 50	154.5	310 13	156.02	2.67	156.45	2.73	156.39	2.7 18	156.2	1.7 28	157.8
6.0 65	153.1	1.5 50	157.6	2.7 32	156.2	1.97	157.15	2.33	157.42	1.7 23	157.82	1.7 33	157.82
5.1 65	154.0	2.6 29	156.5	2.9 21	156.2	1.78	157.15	2.33	157.44	1.7 33	157.82	1.7 33	157.82
2.1 50	157.0	2.6 29	156.5	2.9 21	156.2	1.78	157.15	2.33	157.44	1.7 33	157.82	1.7 33	157.82
1.5 36	157.6	2.6 29	156.5	2.9 21	156.2	1.78	157.15	2.33	157.44	1.7 33	157.82	1.7 33	157.82
2.6 29	156.5	2.7 21	156.2	1.78	157.15	1.23	157.65	1.9	157.2	1.4	123		
2.7 21	156.2	1.78	157.15	1.23	157.65	1.9	157.2	1.4	123				
1.78	157.15	1.23	157.65	1.9	157.2	1.4	123						
1.23	157.65	1.9	157.2	1.4	123								

62

Contd From Page 62

X-sec Storm Drain

Lt

Q

Rt

63

0+67.75 BC Drain

154.2

4.9

0+66.0 Q Pipe at Curb Inlet on North

154.2

4.9

0+47.5 Edge AC.

154.2

4.20

0+32.5 ±

153.22

3.90

0+21 Edge AC.

155.44

3.68

0+11.3 30' Rt to center P.Pole # 77439

156.2

2.9

0+00 Q Proposed Curb Inlet on South

159.12 ✓

159.12 ✓

2+39 96' Rt to center P.P. # 372510

2+32.4 30' Rt. to Deadman

2+30.01 FC.

2+14.65 B.C.

1+70

1+26.65 F.C.

70

0+97.20 Midpoint Curve

159.12π

5

147

12.1

147.2

168

148.2

10.3

150.9

8.2

157.6

5.5

159.12π ✓

Cont'd From Page 64

Lt

Q

Rt

65

checked back flats

2770.01 End proposed Drain

144.2

14.8

2762.5 10^o Rt to center T. Pole # 5736218

2753 8^o Lt to End chain link fence

2747.5 1.4' Lt to Q End 12" R.P. Drain

159.12 π

159.12 π ✓

Clark
Brumer
O'Neil
8-28-53
W.O. 20910

CHK: Backfill Sewer 33rd PLACE
MEADE TO MONROE

5' LT. E Sewer

E Sewer

66

Station	5' offset (LT & Sewer)	E Sewer	Station	5' LT. E Sewer	E Sewer
39+80	379.26 379.16 EX.		42+00	380.23 380.06 EX.	380.10 EX.
39+45	379.17 378.94 EX.	378.94 EX.	41+75	380.15 379.90 EX.	379.98 EX.
39+10	379.12 378.83 EX.	378.88 EX.	41+50	380.01 379.78 EX.	379.90 EX.
38+75	378.90 378.63 EX.	378.69 EX.	41+25	379.88 379.66 EX.	379.75 EX.
38+40	378.84 378.60 EX.	378.65 EX.	41+00	379.76 379.55 EX.	379.56 EX.
38+05	378.63 378.49 EX.	378.56 EX.	40+75	379.64 379.48 EX.	379.50 EX.
37+70	378.51 orig. elev. 378.31 EX. elev.	orig. elev. 378.33 EX. elev.	40+50	379.50 orig. 379.33 EX.	379.41 EX.
37+35	377.93 orig. elev. 377.91 EX. elev.	orig. elev. EX. elev.	40+25	379.45 orig. 379.35 EX.	379.40 EX. elev.
				379.42 orig. elev. 379.33 EX. elev.	379.39 EX. TAMM

(Shots taken on sta. along E. Sewer & along offset
LINE (5' LT & Sewer) AS check against orig. grade page)

EXIST. M. H. MEADE = Sta 3767.20

B.M. Dip. Elev. 1102

377.53 = N.W. B.P.
MEADE & BANCROFT

40+15 M.H. 12

SEWER BK.FIL. CHK: (CONT.)

5' LT & Sewer

E Sewer

67

CHK:

377.51 = 377.53

N.W. BP
MFADE +
BRINCROFT#
43+81.91: M.H. 13 (MANROE)

43+50

380.76
380.56

EX.

380.56 EX.

43+25

380.58
380.55

EX.

380.58 EX.

43+00

380.59
380.36

EX.

380.42 EX.

42+75

380.38
380.24

EX.

380.34 EX.

42+50

380.41
380.26

EX.

380.36 EX.

42+25

380.29 orig. elev.
380.10 EX. elev.

380.20 EX. elev.

Roberts
Cota
No. of
Marsals
12-3-53
WIO# 31985

Re-V Section No. End Haller St.
No. of Railroad
See Page 46
No Improvements shown, see Page 56.

Lt

E

RE

68

4+40

307.9	307.3	307.5	307.7	308.1	307.8	305.4	285.4	274.2	260.5	257.4	
1.9	2.5	2.3	2.1	1.7	2.0	4.4	24.4	35.6	49.3	58.4	S.S.
30	29	24	11	10	4		30	53	80	100	

4+20

307.9	307.4	307.5	307.5	308.0	307.6	307.6	289.6	281.3	271.2	257.5	
1.9	2.4	2.3	2.3	1.8	2.2	2.2	20.2	28.5	38.6	54.3	S.S.
30	28	10	5	3		2	30	44	61	93	

4+00

308.2	308.1	307.2	307.3	307.3	308.0	308.0	299.1	292.6	281.3	262.1	
1.6	1.7	2.6	2.5	2.5	1.8	1.8	10.7	17.2	28.5	46.7	S.S.
30	28	26	10		2	8	19	30	52	85	

S.S. = continues down at the same slope.

3+80

308.7	307.9	307.9	306.8	307.0	306.9	307.0	307.7	307.4	299.0	283.8	272.4
1.1	1.9	1.9	3.0	2.8	2.9	2.8	2.1	2.4	10.8	21.0	36.4
30	29	27	25	10		5	7	16	30	58	77

3+60

307.2	306.9	306.2	306.5	306.5	306.6	307.0	306.3	292.5	289.9	
2.6	2.9	3.6	3.3	3.3	3.2	2.8	3.5	7.3	25.9	S.S.
30	21	20	10		8	11	22	30	58	

BM

839

309.83 A

NW 4' CT

301.44 Haller & Railroad

309.83 A

4+80

307.9	307.9	307.5	307.8	307.6	299.0	281.1	252.1	
1.9	2.3	2.0	2.2	10.8	28.7	59.7	S.S.	
30	18	16	12		30	100		

4+60

307.9	307.9	307.4	307.6	308.3	308.3	302.2	284.2	268.5	249.1	
1.9	2.4	2.2	1.5	1.5	7.6	25.6	4.3	60.7		S.S.
30	29	28	15	12	9	30	60	100		

309.83A

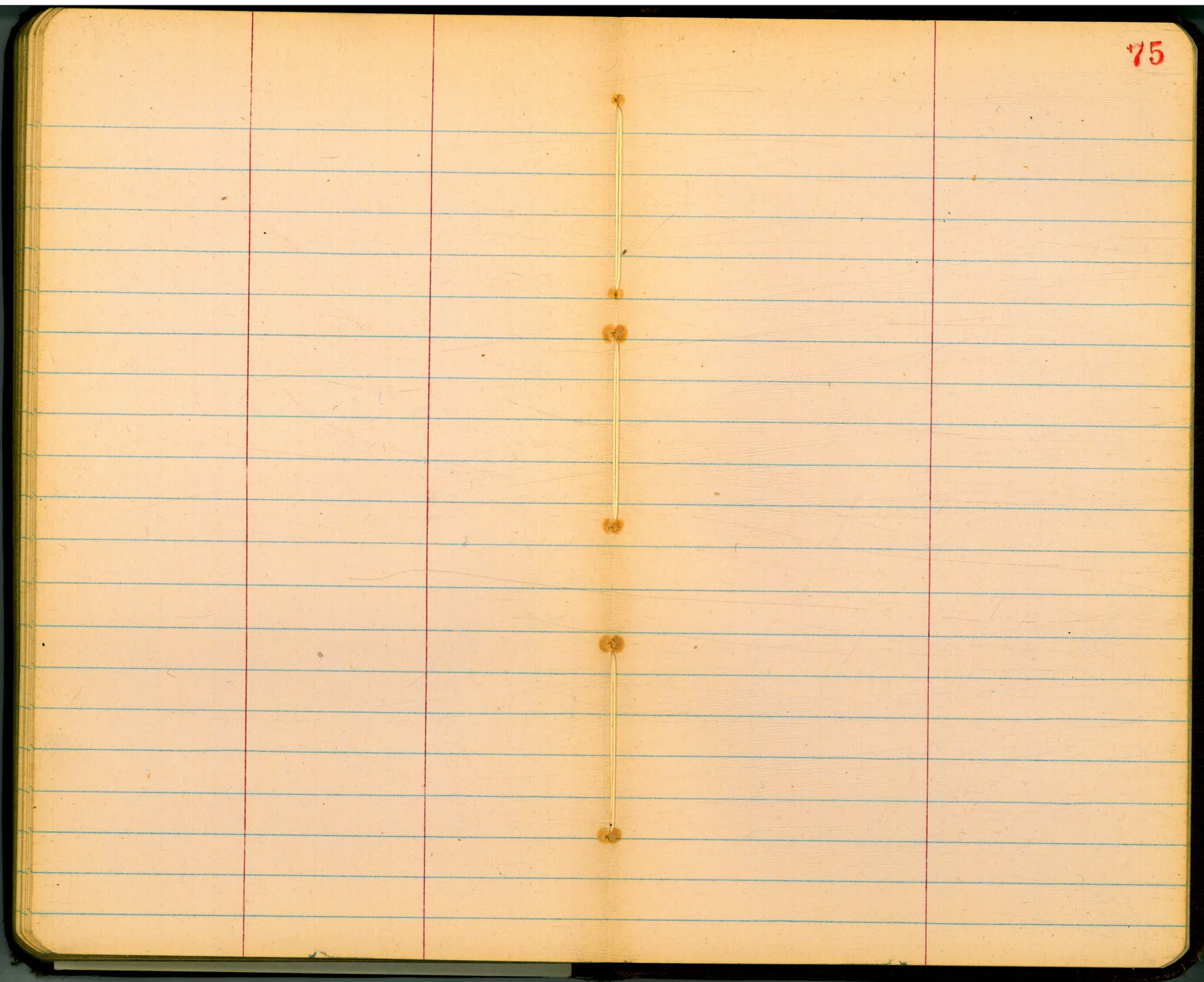
309.83A

70

71

72

74



76

77

179.84
09

S 73° 48' W
16° 15'

90° 03'

26.2

926 M.Rim

1.73
4.4
6.14

7.8
6.94
148.3

1952
16.55
29.7

10.43
5.28
167.1

7.50
55.6
130.6

10.71
5.19
159.0

44° 37' 40"

89 14 40

44 37 20

13.08
5.23
18.31

0.0

114° 08' 20"

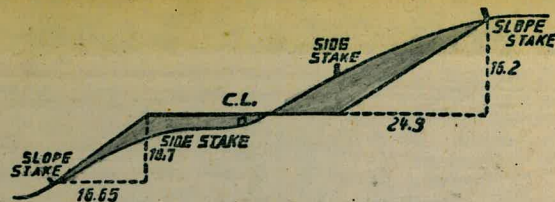
24.27 67
22 52.45
235.22

92
532

500.38
77
508.1

5090
2945
6775
9720

500.38
3354
532.92
27
536.6



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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