

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 out, 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.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

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

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.81	.92	1.04	1.29	1.42	1.54	1.66
40°	.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
45°	.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
50°	.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
55°	.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
60°	.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
65°	.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
70°	.25	.51	.76	1.02	1.28	1.54	1.80	2.06	2.33	2.60	2.88	3.16	3.44	3.72
75°	.27	.56	.83	1.12	1.40	1.69	1.98	2.27	2.57	2.87	3.16	3.47	3.78	4.09
80°	.30	.61	.91	1.22	1.53	1.84	2.15	2.46	2.78	3.10	3.44	3.78	4.12	4.46
85°	.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
90°	.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
95°	.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.40	4.98	5.38	5.83
100°	.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
110°	.51	1.03	1.56	2.08	2.61	3.14	3.67	4.21	4.76	5.31	5.86	6.43	7.01	7.60
120°	.62	1.25	1.93	2.52	3.16	3.81	4.45	5.11	5.77	6.44	7.12	7.80	8.50	9.22

FOR EXTERNALS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.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	.618	.707	.797	.887	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

Index

X-sec Alley BIK 20, Ocean Beach Park

+ Alley 99, Ocean Bay Beach

X-sec Alley Cartagena to Collage North of Univ. 3A

X-sec Alley BK 20,

LT

#

RT

2

0+10 - 20² RT = 4' in AC. Parking Area

17.84

463

73
edge
AC

435

20²
Back
edge AC
angle point

0+03 - 7² LT = begin 2⁵ high board Rail fence

0+02 - 8² LT = begin Stucco Blkg -

0+00 - } 7² RT = begin AC. Pavc. Parking Area
= NWly line Cable + NWly edge AC. Pavc.

17.75

17.69

17.33

17.70

17.83

17.70

472

76
cb

470

75
90T

514

477

73
90T

464

73
cb

477

73
AC

7² RT

7² LT

0-07 = BC alley Returns - 3' Radius.

17.67

17.31

17.41

17.77

480

76
cb

516

75
90T

506

73
90T

470

73
cb

17.20

16.75

17.63

17.21

17.23

17.29

17.33

17.35

17.70

17.72

17.09

0-10 = Wly Curb Line Cable

527

100
cb

572

100
90T

484

105
cb

526

105
90T

524

105
90T

518

105
90T

514

105
90T

512

105
cb

477

105
cb

475

100
90T

478

100
cb

22.47

TP₂ 7.22 22.47 2.74 15.25

TP 9.04 17.99 4.96 8.95

BM 7.37 13.91 6.54

NEBP. West Point Loma Ave + Bacon St

Alley BIK 20 - Ocean Beach Park } cont
Alley BIK 99 Ocean Bay Beach }

LT
514

RT
N14

3

Note: Direct elevation Rod used from here on - all elev are true -

TP₃ 4.39 18.08 Nail in pole 6⁹ LT sta 0+44 - # JPA 4910 -

0+44 - 6⁹ LT = ϕ 12" power pole # JPA 4910

0+41 - 8⁶ LT = end stucco Bldg -

0+40

18.1 17.9 18.0
44 46 45
75 75

0+39 } 7⁸ RT = begin stucco Bldg.
7¹ RT = end A.C. Paved Parking Area

17.96 18.22
45 42.5
71 20.5
AC AC

0+36 - 6⁹ LT = end 2" iron pipe guard fence

guard rail around 4 gas meters

0+29 - 6⁹ LT = begin 2" IRON pipe

0+28 - 6⁷ LT = end 2⁵ high board Rail fence

0+20 - 7³ RT = edge AC

18.2 17.9 18.01 18.07 18.33
43 46 44.9 44.0 41.4
75 73 75 20.5
edge edge
AC AC

22.47

X-sec Alley cont

LT

L

RT

4

1100 - 7³ RT = Near edge AC Apron

16⁶
25

16⁴
75

16³

16²
7³
9r

16⁶³
7³
Apron

16⁶⁷
7⁵
on AC

17⁰⁴
10
on AC

0+87: AC Apron continues - conc floor in gar
RT = begin 2 car garage under Apt house

16⁸⁴
7³
AC Apron

17²⁵
11⁵
B/K in Apron

17⁴⁵
15⁰
gar Floor

0+77-11⁶ RT = L doorway to Apt.

18⁰⁷
11⁶
Floor

0+73-10² LT = end 3 car garage conc floor Apron

18⁰⁹
12²
gar Floor

18¹⁰
10³
Apron

0+60

17⁷
10

17⁶
75

17³

17⁴¹
75
AC

17⁷²
11⁴
AC

0+58-4⁵ RT = Near edge AC, Walk behind Apt.
Parallel to L Alley

17⁵⁶
75
Near edge

17⁷⁸
11⁴
Fore edge AC

0+53-11⁴ RT = L 3' Conc Walk

17⁸¹
11⁴
Walk

17⁸⁰
11⁴
Walk

0+49-7³ RT = end stucco 12' dg

0+45-10² LT = begin 3 car garage conc floor

18⁰⁸
12⁵
gar Floor

17⁹⁸
10⁷
Apron

X-sec of Alley Cont

1450 - } 9⁴ RT = end Conc Block Wall
 7³ RT = end A.C. Apron

1448 - LT = end 2 car garage. Conc floor + Apron

1435 - 9² RT = Behind A.C. Apron
 begin Conc block Wall

1426 - 7¹ LT = begin 2 car garage + Floor -
 Conc Apron

1417 - 7² RT = + Conc Floor
 Single garage A.C. Apron

1410 - } 14¹ RT = 3' Conc Walk
 7³ RT = Near edge A.C. Apron

A.C. Apron and APTS above Garage continue.
 Conc Floor -
 1407 - 7² RT = end 2 car garage - A.C. Apron

LT

4

RT

5

15 ⁶	15 ⁷	15 ⁵	15 ^{7²}	15 ^{7⁵}	15 ²	15 ⁷	15 ⁸
15	7 ⁵	7 ³	7 ⁵	9 ¹	9 ¹	15	
		AC		qr	Footing		

16 ³⁵	16 ⁰⁰
15 ⁷	7 ¹
9 ² Floor	Apron

16 ²	15 ⁷	15 ⁵³
9 ²	9 ²	9 ²
on AC	Footing	Top Wall

16 ³⁷	16 ²⁴
15 ⁷	7 ¹
Conc floor	Apron

16 ²⁵	16 ³²	16 ⁹⁸
7 ³	7 ⁵	15 ⁰
Apron		Floor

16 ⁴⁸	16 ⁵⁵	16 ⁹⁰	16 ⁹⁰
7 ³	7 ⁵	14 ²	24 ²
A.C.	on AC	Walk	Walk

16 ⁵²	16 ⁵⁷	17 ²⁴
7 ³	7 ⁵	15
A.C. Apron	on AC	on Conc Floor

Direct elev Red

X-sec Alley Cont

2419-7⁵ RT = NWly cor garage opens to

2415-6⁵ RT = & begin a wide, 7' high hedge.

2401-7⁵ RT = swly cor Double garage
 Faces West Point Loma Blvd

2400-

1499-7³ RT = end stucco garage - opens to stly.

1481-7⁵ RT = NWly cor conc slab
 } 7⁵ RT = begin stucco gar opening to stly.

1458-7⁸ RT = & 10" power pole # PA 4930

1454-7⁵ RT = swly cor conc slab -

RT

&

RT

6

14³
 7⁵
 ground

14⁸
 7⁵
 ground

14⁸
 15

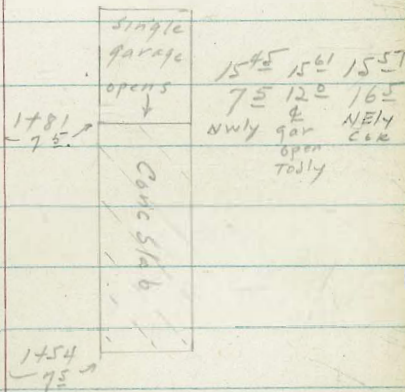
14⁸
 7⁵

14⁶

14⁸
 7⁵

14⁹
 25

14⁸
 7³
 ground



15-70
 7⁵
 swly
 cor
 slab

16⁰²
 16⁰
 SEly
 cor slab

Direct elev Rid

X-sec Alley Cont

LT

2

RT

7

3408-9² DIRT floor
RT = 2' single gar dirt floor

13⁴
9²
DIRT floor

3400

13⁸ 13⁹ 13⁵ 13⁹ 14⁰
15 7⁵ 7⁵ 15

2498 = 2' sewer manhole

13⁵³
RTH
194

2486-6² RT = 2' 4" conc walk

14⁰³ 14⁰³ 14⁰⁵
6² 7⁵ 17⁵
walk walk walk

2451-5² RT = 2' single gar, conc floor + apron

14¹⁰ 14⁴⁰
5² 6²
Apron floor gar

2450

14⁰ 14¹ 14² 14³ 14⁶
25 7⁵ 7⁵ 25

2433-6⁵ RT = end 2' wide + 7' high hedge

Direct elev. Rod

X-sec Alley.

3467- 8⁹ LT = begin 7' high board fence

3467- 8⁹ LT = NELY cor garage - opens to sly

3451- 7⁴ RT = begin frame dwelling

8.9 LT = SE COR single gar - conc floor - opens to sly

3450- 5⁹ RT = end 4' high cyclone fence

3449- 7⁰ RT = 2' conc walk

3434- 7⁵ RT = 2' conc walk

3418- 18⁰ LT = single garage - conc floor

3414- 6⁵ RT = begin 4' high cyclone fence

LT

d

RT

8

12⁵
8⁹
ground

13⁰ 14³⁰
7⁴ 7⁴
ground floor

20⁶
SWLYC
gar

12¹⁶
14⁷
opening
garage
conc floor

12⁸
7⁵

12⁸

13⁰
7⁵

13¹
15

13²¹ 13²⁵
7⁰ 17⁰
walk walk

13⁵⁰ 13⁵⁶
7⁵ 17⁵
walk walk

134³
18⁰
Floor

Direct elev Rod.

X-sec Alley cont

LT

RT

9

4451- 11⁰ LT = 1/2 single garage - Conc Floor

11⁵⁵

11⁰
Floor

4450- 9⁴ RT = Wly edge Conc Apron

11⁴

7⁵

11^L

11³

7⁵

11³⁸

9⁴
Apron

11⁵⁸

11⁴
Floor

4426- 9⁴ RT = begin 4 car garage + Apron - Conc Floor

11⁵⁵

9⁴
Apron

11⁶⁶

11⁴
garage
Floor

4423- 6⁵ LT = end 7' high board fence

4400

11⁰

15

12⁰

7⁵

12²

12³

7⁵

12⁵

15

3+95- 7² RT = Nwly cor garage - opens to Nly

12⁵

7²

9^v

12⁵

7²

approx
Floor

3+77- } 7⁰ LT = 1/2 10" Power pole - # PA 4960

3+77- } 7¹ RT = Swly cor garage - Type Floor

12⁵

7²

found

3+74- 7³ RT = end frame dwelling

12²

7³

9^v

Direct elev Rod

X-sec Alley Cont

5704- 9⁵ RT = 4' Conc Walk

7⁰ LT = 10" Power pole # PH 4980

5701- 9⁵ RT = end 4 car garage - Conc Floor + Apron

5700-

4780- 7⁹ LT = Dead Man -

11⁰ LT = 4' Single garage - Conc Floor

4766- 9⁴ RT = begin 4 car garage - Conc Floor + Apron

same Apts served by garages

Conc Apron continues between garages -

4764- 11⁴ RT = 4' Wide Walk

4762- 9⁴ RT = end 4 car garage + Floor
Conc Apron

LT

4

RT

10

11²⁷ 11³²
9⁵ 19⁵
Walk Walk

11⁰ 11²⁸ 11⁴²
9⁵ 9⁵ 11²
Apron Floor

10⁸ 11⁰ 10⁶ 10⁷ 11²⁸ 11⁴²
2⁵ 7⁵ 7⁵ 9⁵ 11²
Apron Floor

11⁵⁷ 11³⁵ 11⁴⁶
11⁰ 9⁴ 11⁵
Floor Apron Floor

11²³ 11²⁵
9⁴ 11⁴
Apron Walk

11³⁴ 11⁶⁰
9⁴ 11⁴
Apron Floor

Direct elev Rod

X-sec Alley Cont

LT

9

RT

11

5+65-6² LT = end frame + tin shed

5+47-7⁰ LT = ^{Conc floor} begin frame + tin shed

10³² 10⁷
7⁰ 7⁰
Floor ground

5+47-18⁰ RT = end 5 car garage - Conc floor + Apron

10⁷³ 10²⁰
18⁰ 20⁰
Apron floor

Apron is rough

5+42-5² LT = 1/2 single garage - Conc floor + Apron

10⁴⁵ 10⁴⁷
7⁸ 5⁰
Floor Apron

5+34-4⁸ LT = 1/2 2^{1/2} wide conc walk

10⁹⁰ 10⁸⁰ 10⁶⁴
17⁵ 7⁵ 4⁸
walk walk

5+31-7³ LT = NE 1/4 cor frame house.

11⁶ 10⁷
7³ 7³
Floor gr

5+06-17⁴ RT = begin 5 car garage ^{+ Apron} Conc floor

11¹⁴ 11⁰⁸
17⁴ 19⁴
Apron floor

5+04-7⁸ LT = SE 1/4 cor frame house

11⁶ 10⁴
7⁸ 7⁸
Floor grat house

X-sec Alley CONT

6407.70 = sly curb line Bacon

LT		RT		RT		12				
935	862	934	865	865	860	867	867	932	861	922
cb	90T	cb	90T	75		75	85 90T	85 cb	50 90T	50 cb

6406.7 = sly curb 11' Radius BC, s alley Returns

935	874	870	933
75 cb	75 90T	75 90T	75 cb

6401 = Sewer Manhole

889
RTH
SHTH

Alley Apron is in POOR condition

LT 75 = sly end Alley Ret
RT 75 = sly end Alley Ret
sly edge P.C. Alley Apron.

5497.70 = sly line Bacon

952	928	900	905	948
75 cb	75 90T		75 90T	75 cb

5496.75 RT = end stucco bldg.

5475

102	98	97
75		75 grat Bldg

5474.75 RT = begin stucco bldg.

Direct Rod-

INDEXED

AUG 23 1954

Sect. Roosevelt St. from easterly
line of Kendall St. to Crown
Pt. Drive

C. Hatch

W.O. # 32,452

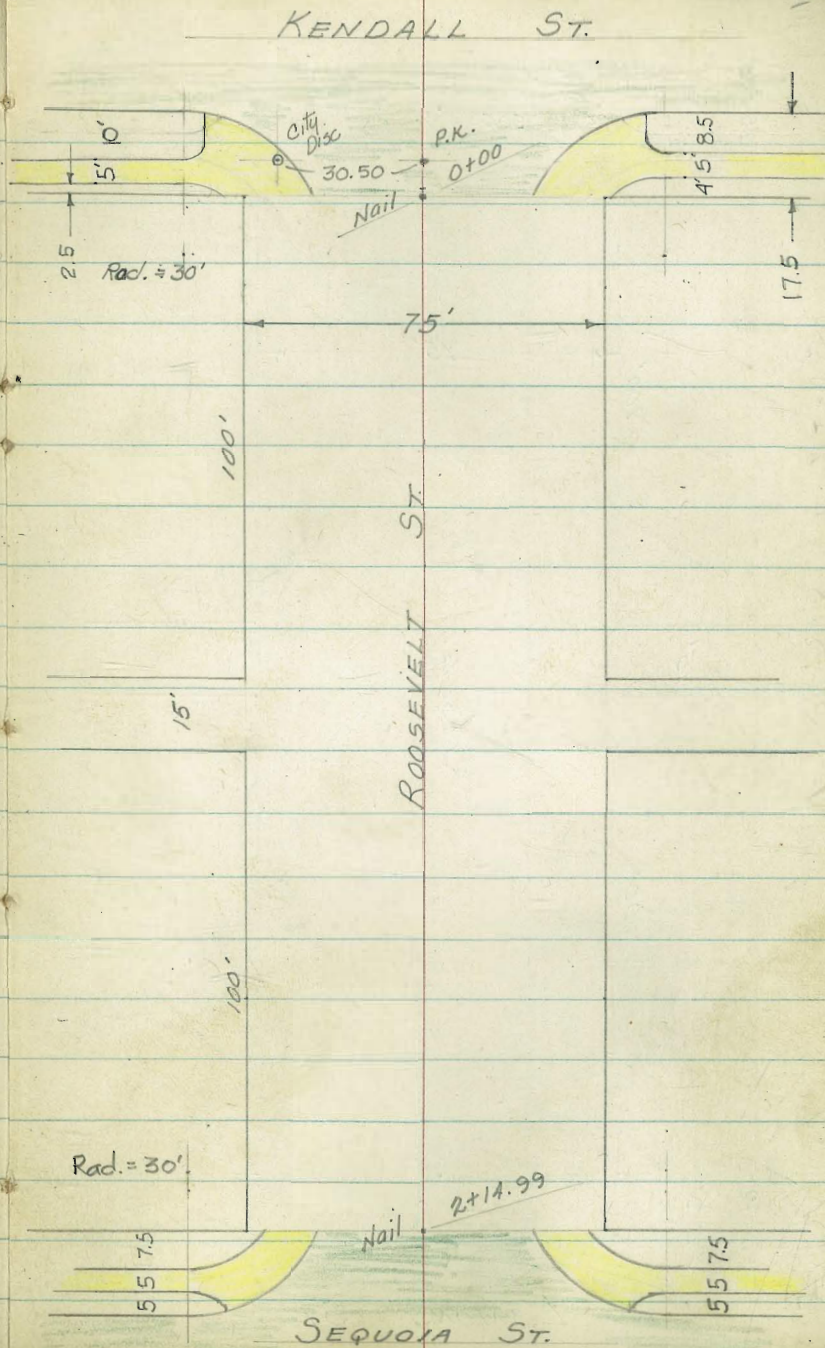
R. Whipple

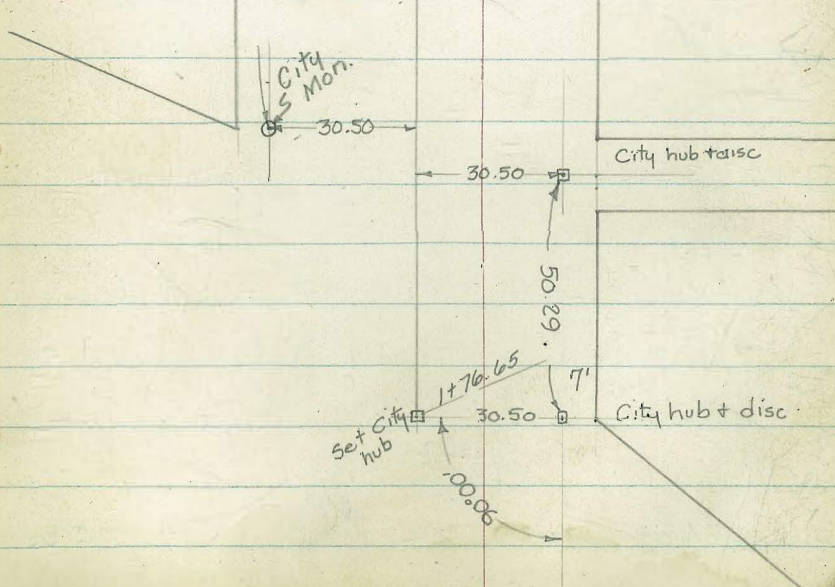
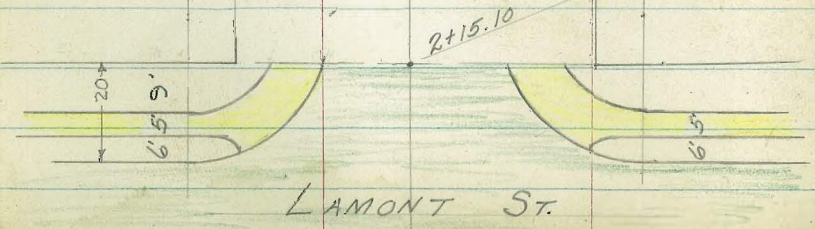
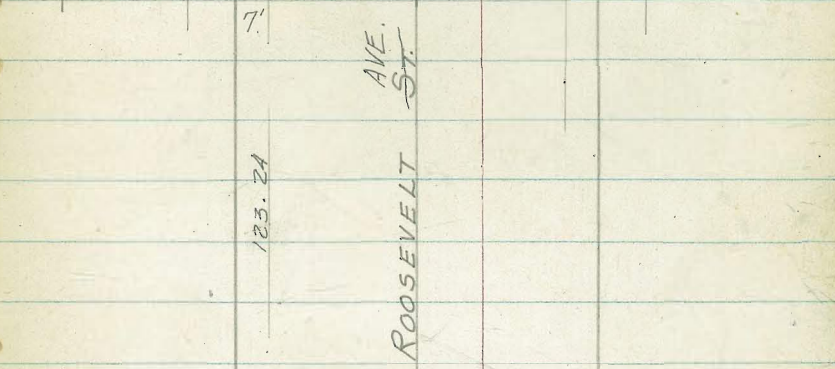
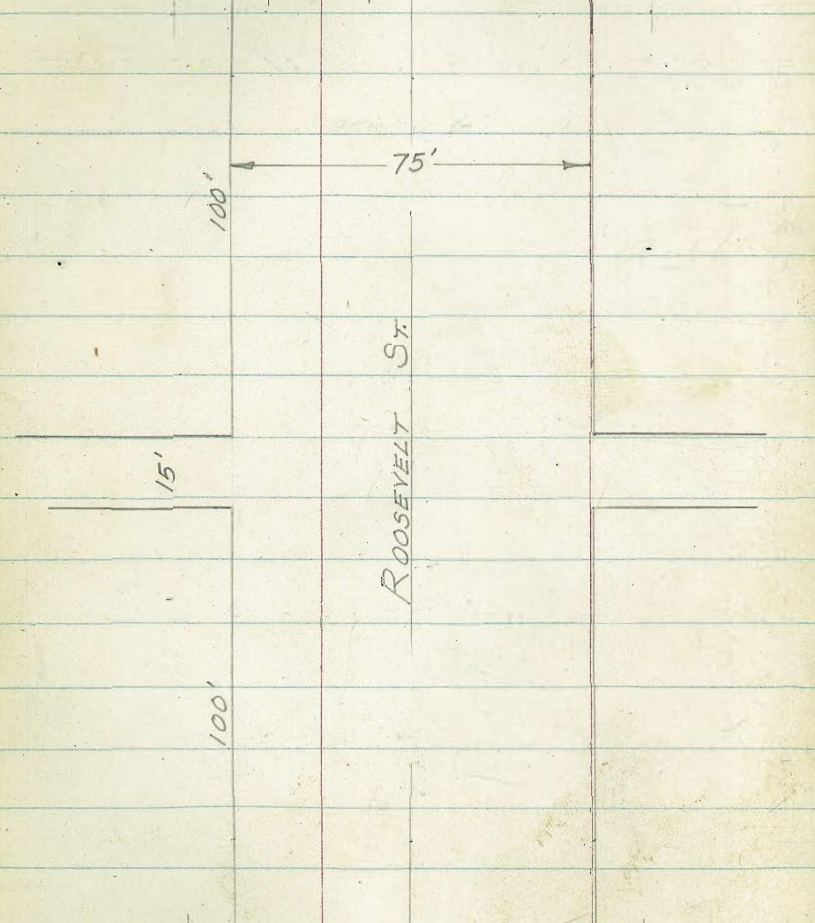
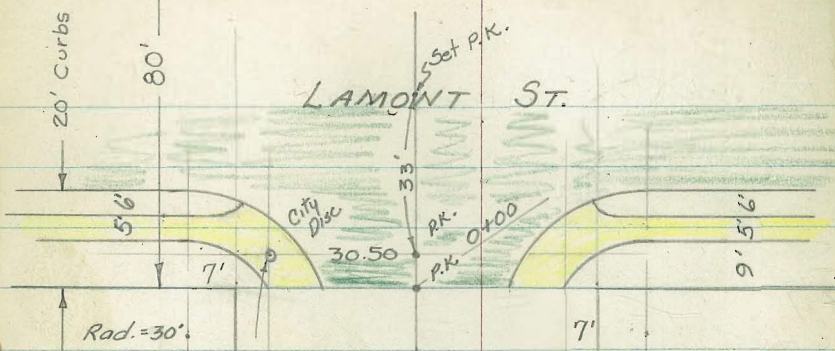
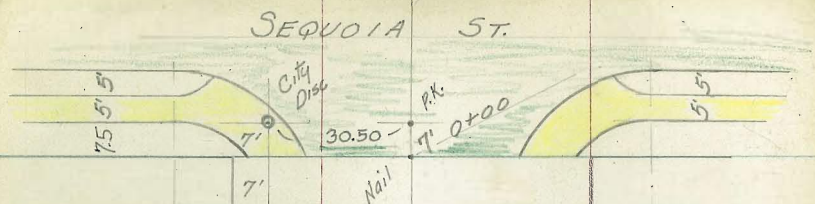
8-18-54

W. Presley

T.P. Map 894

F.B. 2147-11





SEQUOIA ST.

LAMONT ST.

ROOSEVELT ST.

AVE. ST.
ROOSEVELT

LAMONT ST.

Lt.

E

Rt.

X- Sect. Roosevelt St. East cb. line of
Kendall St. to Crown Pt. Dr.

0+71 ~ 37.5 Rt. = E 8' conc. drive thru plant-
ing

26.90 28.90

0+67 ~ 37.7 Lt begin 6' wood fence

37.5 47.8
edge floor
drive gar.

0+60

27.0 25.9 25.1 25.5

25.0 26.2

0+54.5 ~ 37' Rt. begin planting

37.5 20 14

20 37.5
prop

0+54 ~ 37.6 Lt. = E 14' conc. drive

28.15 26.90

0+46.5 ~ 26 Lt. = E southly edge hedge 2.5 high
and 3.5 wide

54.2 37.6
floor edge
garage drive

0+25

27.3 26.2 25.9 25.2 25.5

25.4 26.8

0+22 ~ 34.3 Lt. = E 3" silver spruce

37.5 20 15 14

20 37.5

0+00 = East line Kendall St. A.C. 0.5
west.

26.04 25.39 25.61 25.76 25.70 25.46 26.13

Top 22.7 10 10 22.7 Top
Cb. gut end ret. gut end cb

0-17.5 = East curb line of Kendall St.

26.54 25.92 25.79 26.07 25.80 25.90 26.54

50 50 25 20 50 50
top gut pc. cross gut gut top
pc.

Elev. Rod used for X-Sect. Notes

Actual Elers.

4.93

26.29 = Set B.M. N.E. city disc Cor. Kendall +

T.P.#2 3.81 31.22 4.37

27.41 Roosevelt St.

T.P.#1 8.07 31.78 5.18

23.71

B.M. 4.00 28.89

24.89 La Playa St. c.t. in north curb E of
Yosemite St.

Lt.

E

Rt.

1+62 ~ 22.2 Rt. = E 10' loose brick drive
36.3 rt. = E 10' conc drive

24.55 25.43 25.80
22.2 36.3 42.3
edge edge floor
brick conc. gar
drive apron

1+56 ~ 37.6 Lt. = E 15' conc apron

25.36 25.24
40.7 37.6
gar. floor edge
drive

1+55 ~ 29' Rt. = E 1" Tree + 26.9 E 2" Tree

1+50 ~ 24' Rt. end hedge and planting

25.2 25.2 24.8 24.6 24.7 26.1 26.7
37.5 20 14 20 25 37.5
prop.

1+43.5 ~ 37.6 Lt. = E 2.5 walk (conc.)

25.52 25.50
45 37.6
on walk on walk

1+35

25.4 25.2 24.7 24.9 25.0 26.2 26.7
37.5 20 14 20 25 37.5

1+34 ~ 38.8 Rt. = E 3' conc. walk thru
planting ~ hedges parallels walk back
to porch step

27.06 27.15
38.8 42.1
edge at step
walk

1+31 ~ 37.6 Lt. = E 3' conc. walk

25.68 25.63

1+24 ~ 38.8 Rt. = E 20" elm tree

40.5 37.6
at on
porch step walk

1+16 ~ 24 Rt. begin E 2x2 hedge bor-
dering planting

1+15 ~ 37.5 Lt. E Southly 8" conc. block wall
4.5 high

1+07.5 = E alley

26.1 25.8 25.0 24.9 25.2 25.1 26.5 27.2
50 37.5 20 14 20 37.5 50

1+01 ~ 27.4 Rt. = E Power pole #P1825

1+00 ~ 37.2 Lt. end 6' wood fence
and end planting on right

2+15.10 = West prop. line Lamont St.

A.C. and curbs 0.6 West.

2+13-28' Rt = E Power pole # 1899

2+00

1+61 ~ 37.5 Lt. = E 8' conc. apron

1+60

1+20

1+07.5 = E alley

1+01 ~ 37' Lt end 2' hedge

0+96 ~ 28' Rt. = E of Power pole # P1875

0+91

0+75 ~ 27.5 Rt = E Deadman

0+70.5 ~ 36.6 Lt = E 3.5 conc. walk
thru hedge
0+53 ~ 37' Lt. begin hedge 2' high and 2'
wide

0+50

0+49.5 ~ 37.7 Lt. end 6" conc. wall
5' high also end row of shrubs
1' out from wall.

Lt.

E

Rt.

18

20.96	20.45	20.64	20.73	20.56	20.09	20.56
Top	21.6	10		10	21.6	21.6
Curb	end	ret.			end	Top
					ret.	Ch.
					gut.	

22.8	23.3	21.2	20.5	21.0	20.3	21.3	22.1
37.5	30	25	17		20	25	37.5

23.73	23.40
41.5	37.5
floor	edge
gar.	apron

23.3	21.8	20.8	21.4	20.7	22.4	22.97
37.5	25	17		20	37.5	40.2
						edge
						conc. walk

24.3	24.3	21.8	20.9	21.6	21.0	22.2	22.95
37.5	30	24	16		20	37.5	40.1
along 4'							on conc.
to the fence							walk para
							to E

24.1	23.7	21.1	21.6	21.1	22.0	22.10	22.51
50	37.5	20		20	37.5	40	50
							on
							A.C
							pave

24.5	24.3	21.2	21.6	21.2	22.7	23.82
37.5	32	20		20	37.5	40.2
						break in
						walk

24.48	24.50
46	36.6
at steps	on walk

24.9	24.8	22.1	21.3	21.7	21.4	22.4	23.5
37.5	30	20	17		20	35	37.5

25.0
37.7
along wall

Set B.M. S.E. 7' City Disc Roosevelt and
Lamont St. = 20.85

Lt.

E

Rt.

19

1+34 ~ 37.9 Lt. begin 3' high picket fence

1+26.36 = E alley to North & E Sewer
M.H.

1+18 ~ 39.2 Rt. = E 10" tree

1+15.5 ~ 37.3 Rt. end 6' board fence

1+14 ~ 27.5 Rt. = E Power pole #1925

0+70

0+50 ~ 35.5 Rt. = E 16' conc. apron to
double car garage thru 6' board fence

0+37 ~ 29' Rt. = E 3' brick & conc. walk

0+34.5 ~ 28.4 Rt. = E 24" conc. base for mail box

0+25 ~ 37.1 Rt. = E 20' conc. apron to
double car garage thru 6' board fence

0+13 ~ 36.5 Rt. = E shrub 4x4'

0+00 = P.K. Eastly prop line Lamont St.
edge A.C. 15 O.R. east.
37' Rt. begin 6' board fence

0-20 = Eastly Curb line Lamont St.

2+35.1 = Westly Curb line Lamont St.

20.2	20.0	19.7	19.77	19.3	19.2	
50	37.5	20	rim manhole	20	37.5	
21.2	20.8	19.8	20.2	19.5	20.2	20.2
37.5	20	18		20	25	37.0 along fence
				21.02	21.23	
				35.5 edge apron.	38.5 floor gar.	
				20.60	20.68	
				29 edge walk	37.5 at fence	
21.4	21.3	20.2	20.2	20.0	20.90	21.05
37.5	22	20		20	37.1	38.0
					edge apron	floor gar.
20.59	20.09	20.39	20.56	20.46	20.23	20.73
Top Cb.	21.3 end ret. gut	10		10	22 end ret. gut.	Top Cb.
20.96	20.45	20.62	20.89	20.65	20.13	20.63
50 Top Cb.	50 gut PC	25		25	50 gut PC	50 Top Cb.
21.04	20.54	20.37	20.25	20.16	19.95	20.40
50 Top	50 gut	25		25	50 gut PC	Top Cb.

Lt.

E

Rt.

22

1490 = Top bank which drops
straight down to bay water level

19.8 19.7 19.7 20.2
37.5 20 15 Top
bank

1+88.5 ~ 1.2 Rt. North end guard rail

1+76.65 = 2"x2" Hub

20.6 19.7 19.6 19.6 19.6 20.2 19.2
37.5 30 20 8 20 Top
bank

1+76 ~ 35.5 Lt. end picket fence

1+74.5 ~ 19.8 Rt. south end of 2x6 guard rail

1+71 ~ 34.8 Rt. = E Dead man

1+64 ~ 34.2 Rt. = E guide pole no #

Lt.

E

Pt.

22

1+75 - extra section for drainage

27.06	26.56	26.93	26.66	27.11
18	18		18	18
Top	gut.		gut.	Top

1+25 ~ opposite 10' alley P.C.'s

27.20	26.76	26.98	26.78	27.22
Top	17.8		gut.	Top
	gut.		18.3	

1+17 ~ 33.5 Lt. & E Power Pole #1775

1+15 = West line alley

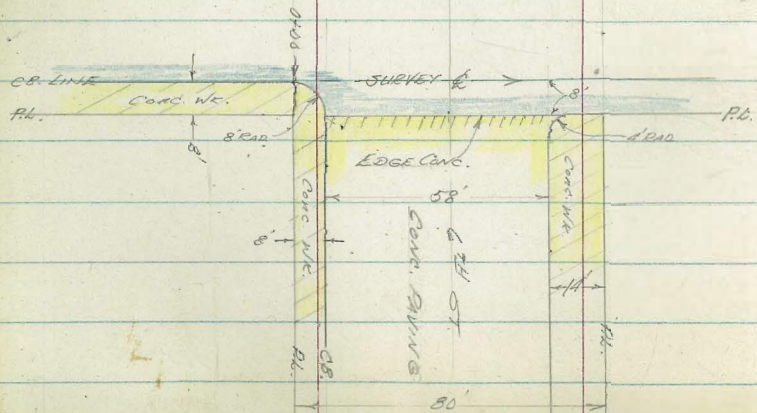
27.7	27.52	26.82	27.02	26.85	27.51	27.8
37.5	31.4	17		17	31.6	37.5
	gut & edge	on A.C.		covered	gut & Top	
	end ret. A.C.	same		Actual Elev.	end approach	
					conc approach	
					To alley	

COTA
CABER
KELLEY
W.D. #2766A
3-29-55

INDEXED
JER
APR 18 1956



1" ST = AC. PAVING



LT. \$ RT.

0+46

239	223	225	251	247
10	3		8	20
			Conc	
			edge	

0+24

229	205	205	230	230
10	3		8	20
			Edge	
			Conc	

0+16 5' RT TO CENTER OF 2'x2' METAL COVER OF M.H. TO STORM DRAIN

0+08 WLY CR. LINE 6TH

221	197	20A	213	250	183	238
10	3		8	8	38	38
	Low Pt.		Gut.	CR	Gut.	CR
			B.C.			

0+00 WEST PL. CTH

219	196	218	245	265
10	3			8
	Low Pt.			on
				Walk

0+30

212	242
Gut.	CR

B.M. = N.W.S.P. 6TH & L = 211

USED DIRECT ELEV. ROAD

LT.

£

RT.

1400

278	277	290	330
10	3		7.6
			010g.

0480 ELY PL. 6th

258	258	263	297	325	350
10	3		7.2	7.2	15
			cut.	CS.	

2.97	2.49
20	20
CS.	944

0466 ELY. CS. LINE 6th

248	235	240	257	251	300
10	3		8	12	12
				944	CS.

EC. of return

1/2 ST.

A.C. PAVING

R.R. TRACK 55'

0400

SURVEY &

P.L.



10' RAD

P.L.

P.L.

7 1/2 ST.

80'



LT. (NO.)

±

RT. (50.)

0+43.3 ± CROSSES R.P. TRACK

3.5 — (9.10)

0+38.3 ± CROSSES R.P. TRACK

5.04

0+30

5.07	5.02	4.93	4.7
5.6		1.4	25
TRACK		edge	
		A.C.	

0+14

4.87	4.71	4.61	4.68
5		3	14
			edge
			A.C.

0+00 { WLY. PROP. LINE 7th
5' ± LT. to edge railroad track

4.72	4.51	4.49	4.98
5		3	14

0-30 5⁰ LT. (No.) TO 50. EDGE TRACK

4.25	4.13	4.08	4.60
5		3	14
			Edge
			Bldg.

LT.

C

RT.

1400

5.82
5.5

5.53

6.2
1A

0180 END CB.

5.60
5.55.40
9446.03
CB6.15
1Aedge
conc.

0176 CB. BC. 1st

5.52
5.5
TRACK5.89
9446.01
CB6.12
1A5.8
25edge
conc.

0166 ELY CB. LINE 7th

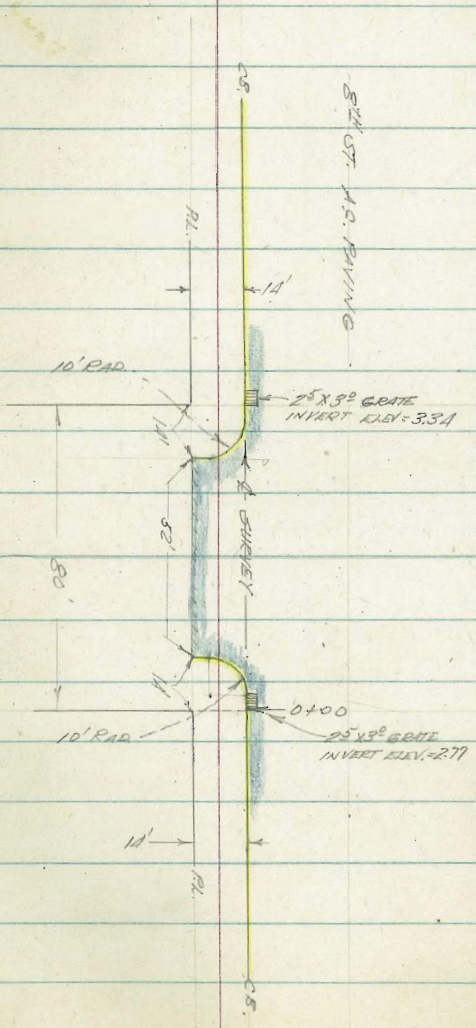
5.26
5.5
TRACK5.89
9445.71
10
9445.88
10
CB5.17
14
9445.89
14
CB5.2
25edge
conc.END
of CB.

0150

5.82
5.5
TRACK

5.76

5.16
1A4.8
25edge
A.C.



IMPERIAL

8TH ST.
 50' ST.
 52' ROADWAY
 10' PARKING

L.T. (WEST.)

¢

R.T. (EAST)

0+20⁹ & CROSSES NORTH RAIL (FLUSH WITH A.C.)

1.15
RAIL

0+20 & CROSSES SOUTH RAIL (RAIL FLUSH WITH A.C.)

1.07
10

1.11
RAIL

1.15
10

0+1A 5' X 1/2" C.B. LINE IMPERIAL - CURB & GUTTER - SAME ELEV. -

3.94
1A
C.B. & gut
end c.b.

1.00
10
22
C.B. & gut

1.04

1.18
10

0+04 B.C. OF RETURN

3.9
10

1.01
C.B.
&
gut

4.07
10

0+00 { 5' X 1/2" C.B. LINE IMPERIAL
CURB & GUTTER - SAME ELEV.

3.9
10

3.96
C.B.
&
gut

3.98
10

0-04

3.8
10

2.84
gut

3.86
C.B.

2.87
2.5

3.39
3

3.87
10

0-30

3.7
10
Dirt

2.79
gut. C.B.

3.54
10
A.C.

LT (WEST)

±

RT (EAST)

0+10

4.4 4.06 4.68 4.55
10 94. CB 10

0+86

4.2 3.88 4.51 4.30
10 94. CB 10

0+80 NORTH. PL IMPERIAL (CB & 94. SAME ELEV.)

4.1 4.45 4.34
10 CB & 94. 10

0+76 S.C. CURB RETURN (CURB & GUTTER SAME ELEV.)

4.1 4.41 4.35
10 CB & 94. 10

0+66 N.Y. CB LINE IMPERIAL

4.10 3.83 4.22 3.95 4.28 4.32
1A 1A 10 10 10
END END EC EC 10
CB A.C. CB. 94.

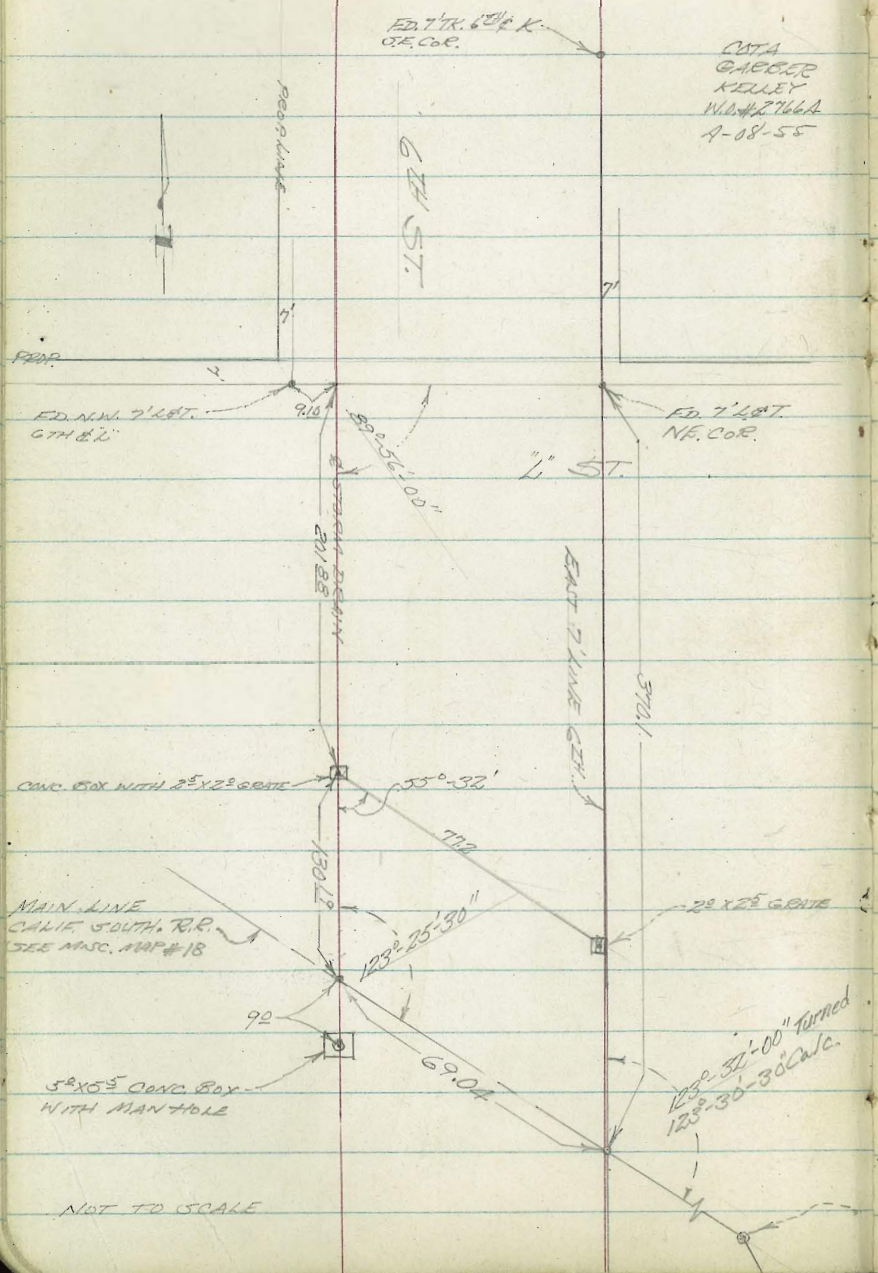
0+17.9 ± CROSSES NORTH RAIL

4.11
RAIL

0+12.8 ± CROSSES SOUTH RAIL FLUSH WITH AC

4.10 4.15 4.16
10 RAIL. 10

TIES ON STORM DRAIN, 6TH ST. & 1ST ST.



ED. T. R. 6TH ST. K.
 OF. COE.
 COTA
 GARDNER
 KELLEY
 W.D.# 2766A
 9-8-55

ED. T. R. 1ST ST.
 NE. COE.

PROP.
 ED. NW. 7TH ST.
 6TH & 1ST

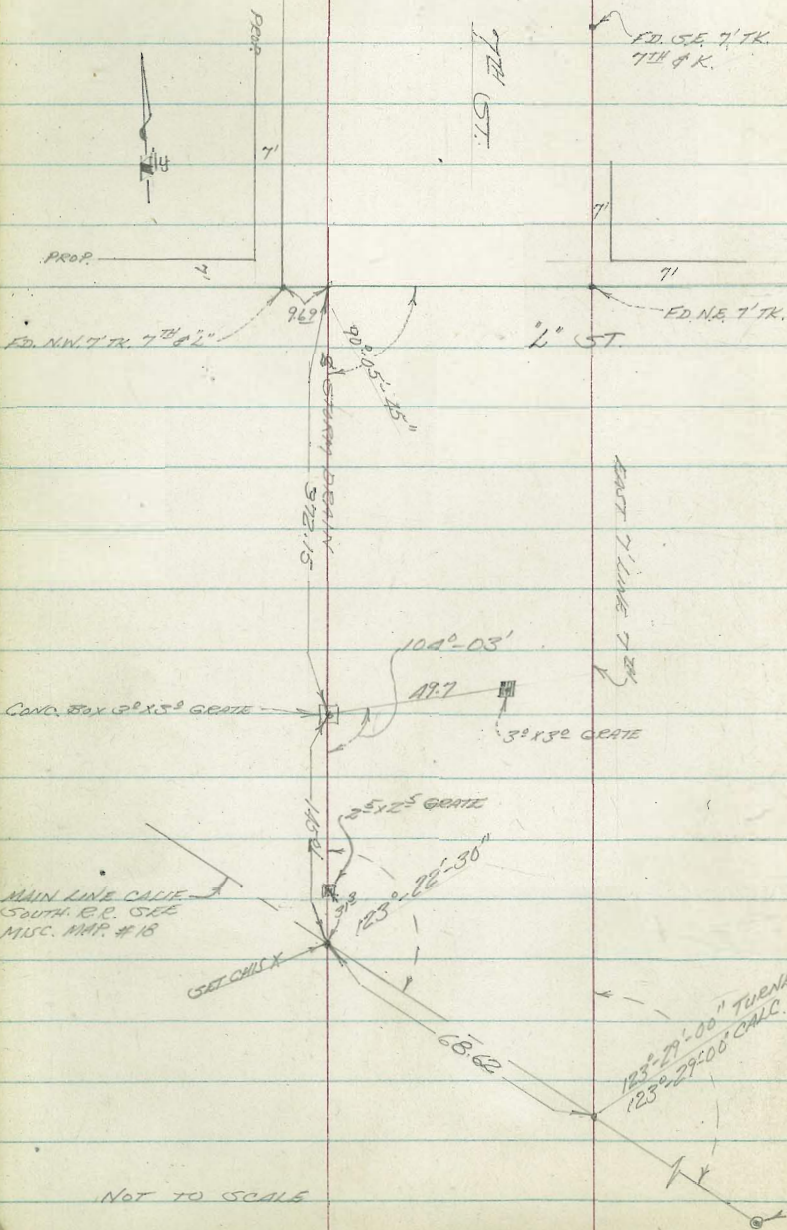
MAIN LINE
 CALIF. SOUTH. R.R.
 SEE MISC. MAP # 18

5\"/>
 WITH MAN HOLE

NOT TO SCALE

FD. CONC. FILLED PIPE ON PT. OF RR. MAIN LINE
 STA. 18+46 ON MISC. MAP # 18

TIES ON STORM DRAIN, 7TH ST. & 1ST ST.



COTA
 GARBER
 KELLEY
 N.O. #2766A
 4-08-55

NOT TO SCALE

X-See for Proposed Alley
125' Nly of University Ave and
from College Ave to Cartagena Drive

C.H.S.
Begg
Schalin
Flora.

6-27-55
W.O. 21383

A line replaced from County Tier.
Base line set from pipes in ground

INDEXED
JER
JUN 30 1955

County Field Books # 908
1358

Maps # 2016 sheet # 2
2518
2398

T.P. book #
New book on Univ Ave.
No # as yet

Station on Base line is calculated.

Base line is 3' So. of sly. line of
College Ave tract # 1 + Tract # 3. ^{Map.} Dist.

0+00 = Ely. line College Ave

7+00 ⁰³ = Wly. line Cartagena Dr.

B.W. denotes base of wall footing

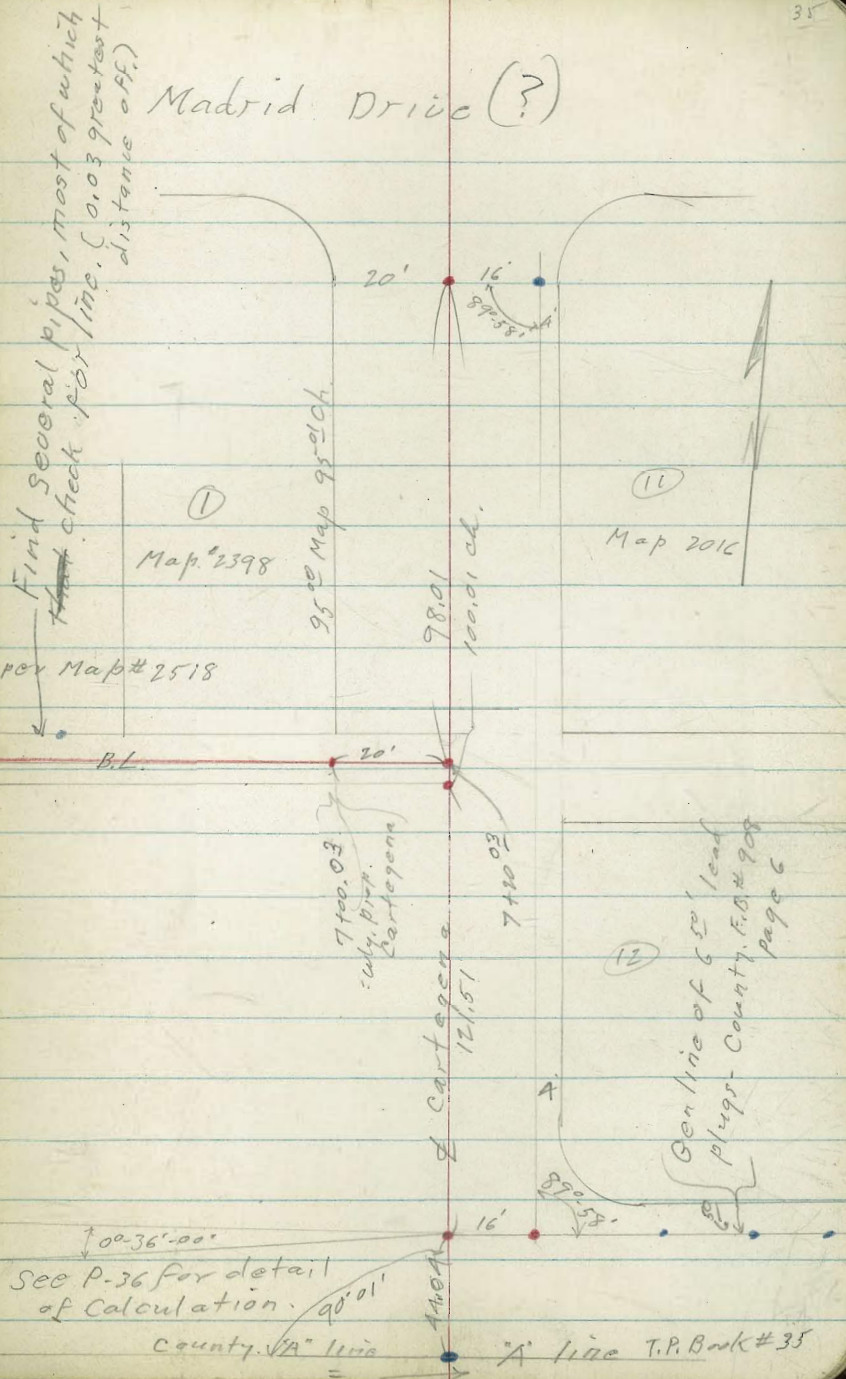
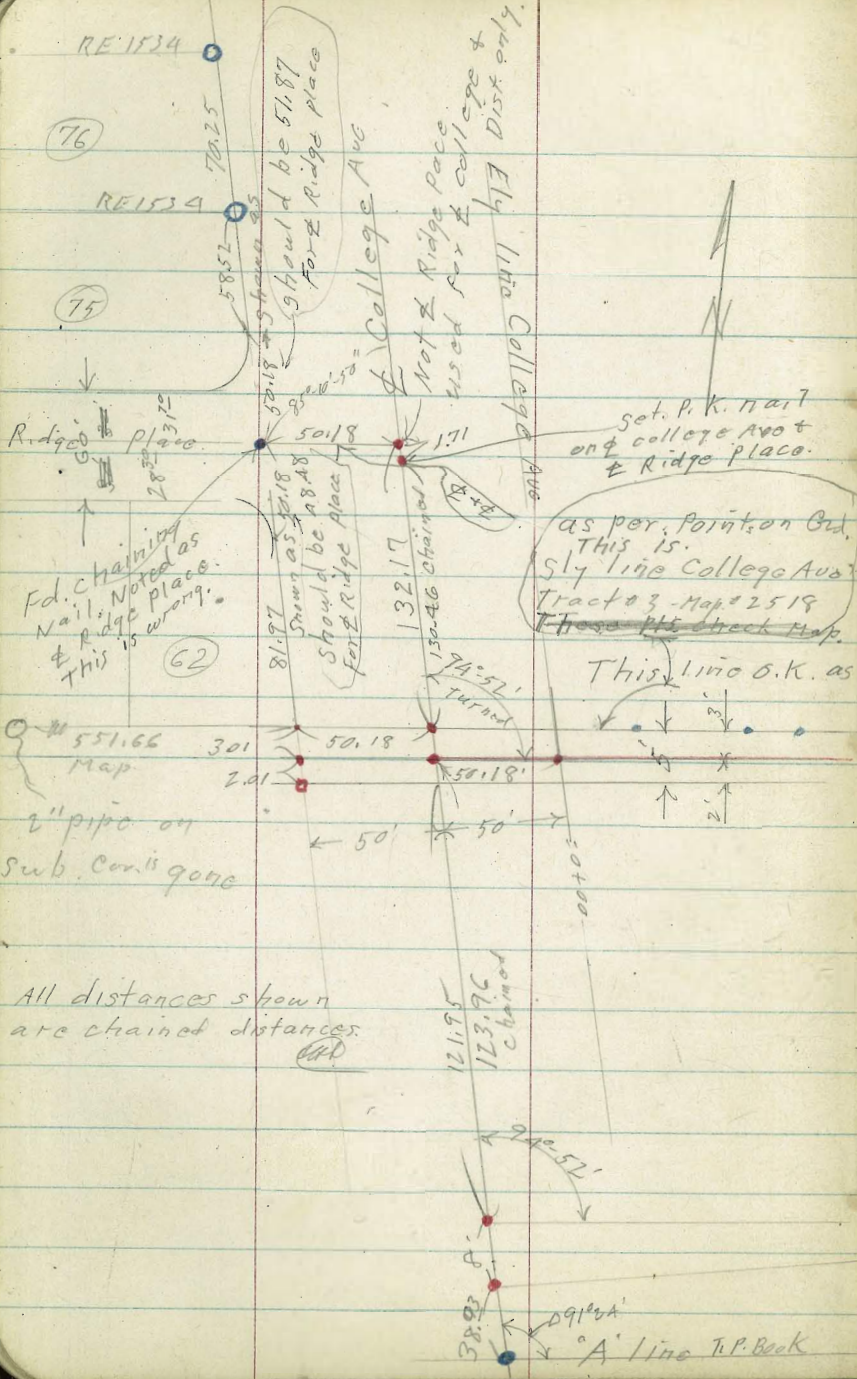
T.W. " Top " " "

E.P. " edge of pave.

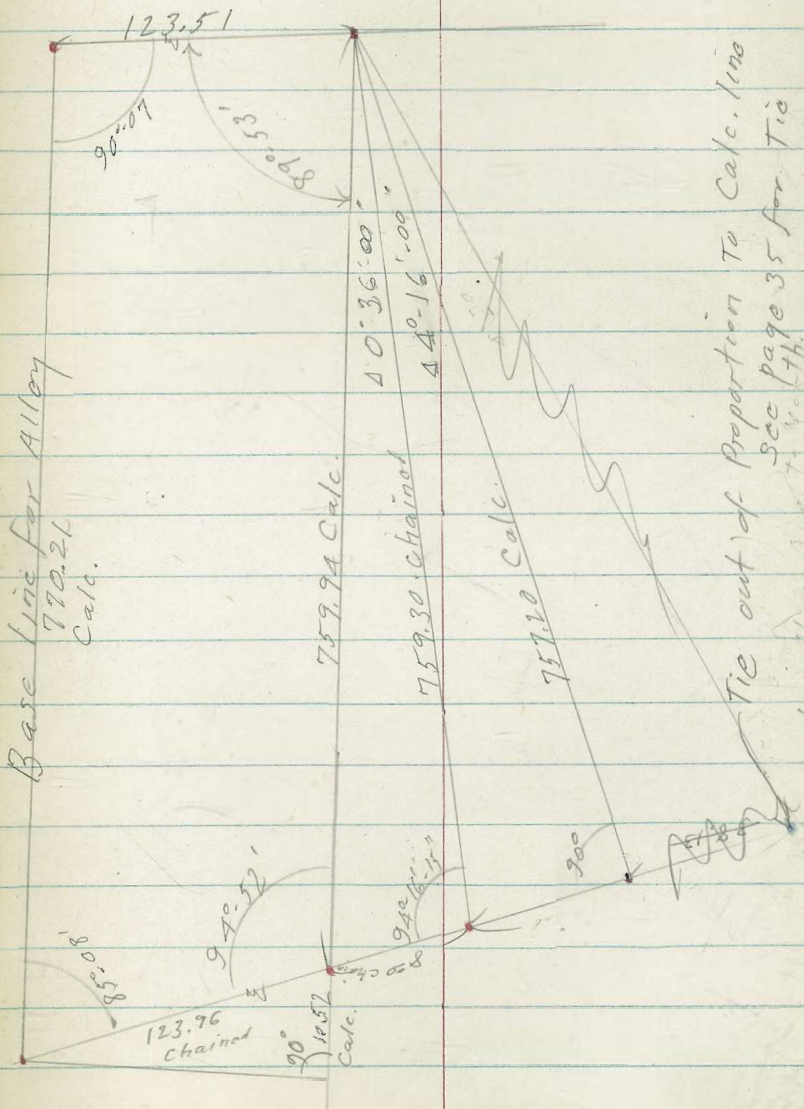
Note.

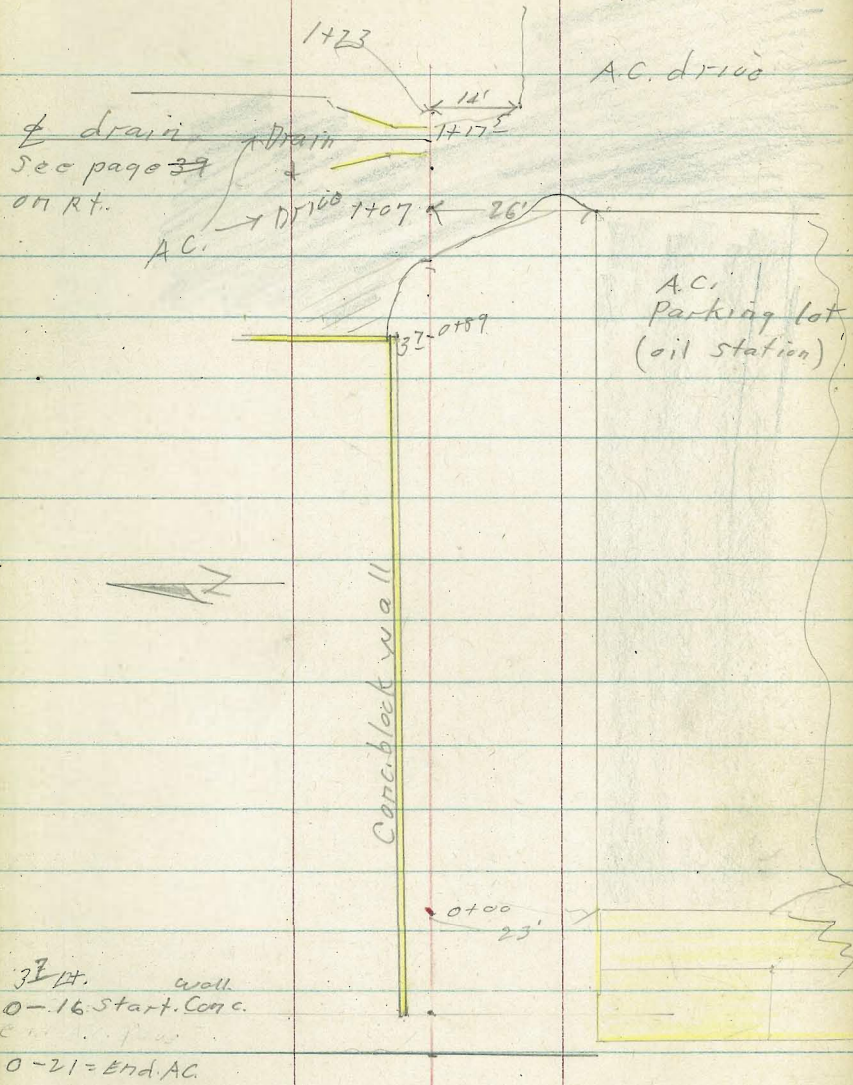
(Ridge Drive is in correct location
but points in Fd. in Pave. are wrong)

NOTE! Line used as sly. line of College
Ave. tract # 3 does not check \neq Points on Ridge Drive as set in Pave.
map # 2518 ~~but~~ fits survey points set along southern boundary as
found on ground. Sly. line of College Ave. Tract # 3 pipe found are o.k.
Prop. pipes found on lots # 75 + # 76 o.k. as shown on page 35.



Detail of Calc. For stationing on base line.

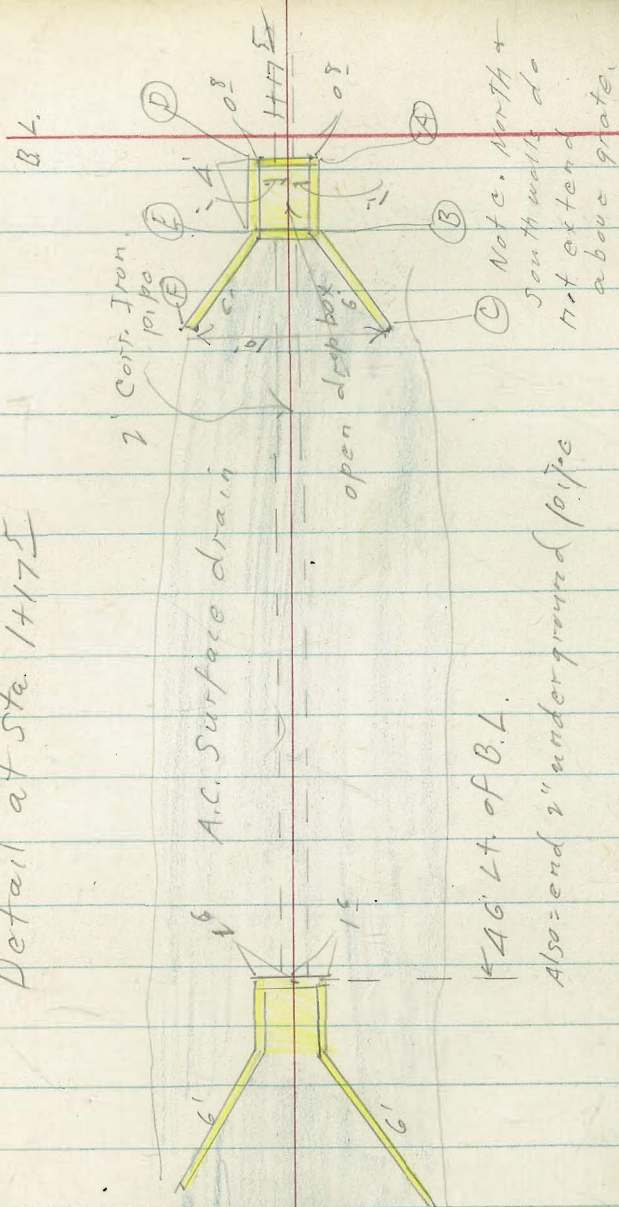




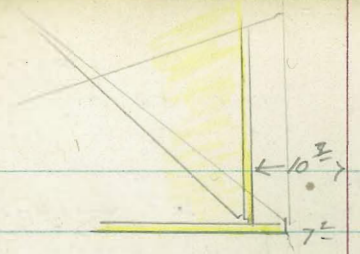
37' wall
 0-16 Start. Conc.
 0-21 = End AC

0-50/8
 College.

Detail at Sta. 1+17.5



3' overhanging roof
 conc. foundation
 4+17E 10E Lt. = start 1 story Bldg.
 4+17 = 7E Lt. = 8" wide N. + So. wall

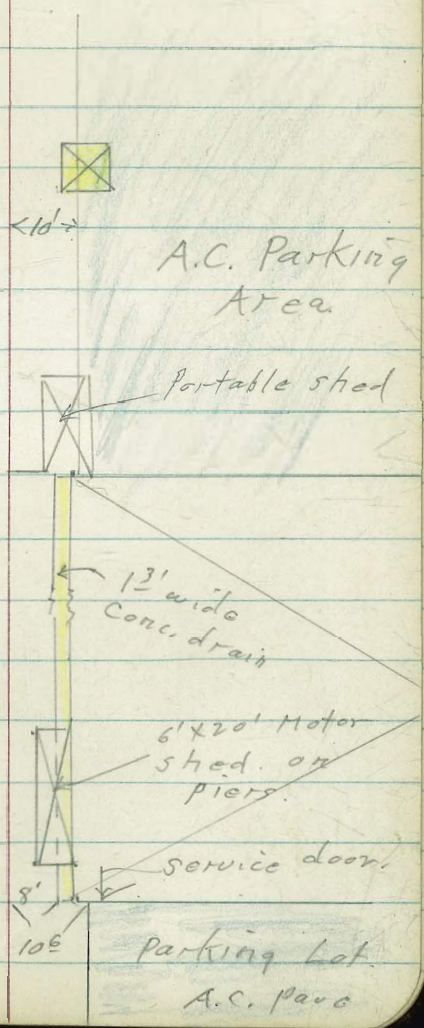


7' x 7' conc. block incinerator
 3+82 = 7E Rt. = North face of



10' Nt. = start parking Area.
 3+53 { 6E Rt. = start 7' x 23' wooden beer shed.
 9E Rt. = end store Bldg.

2+40 9E Rt. = start conc. store Bldg.
 10E Nt. = End parking Area.



7+05^e = Curb line Cartagena.

10' Lt. start Comb. walk. + ch.
7+00^e 10' wly. Cartagena. = end well
6+99^e 16' Rt. = end well + start curb + walk

11' Rt. = end Bldg. + start. Conc. walk.
6+83 10' Lt. = end Bldg. start. Conc. wall

5+37 = Jog in Bldg.

3+

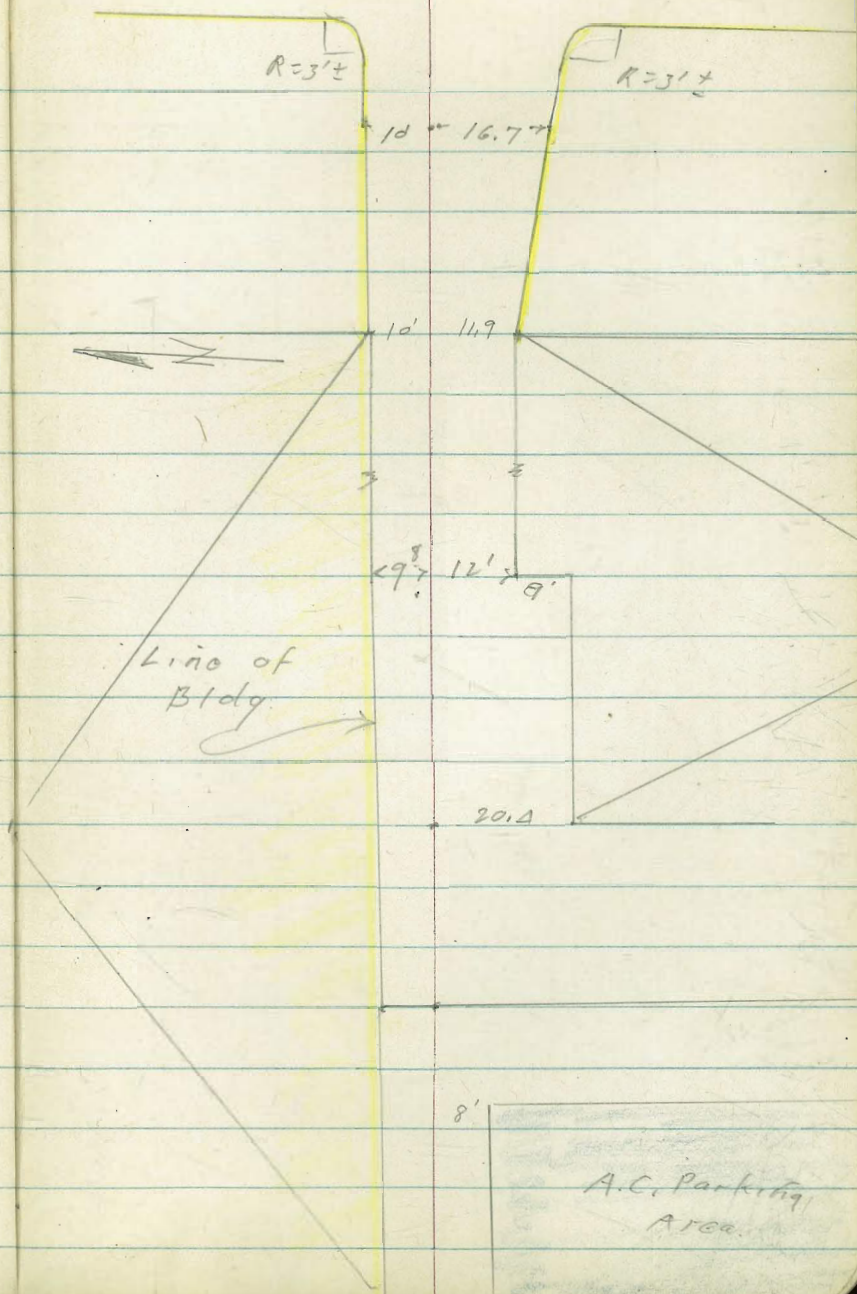
(Garages - storerooms etc.)
4+96 20' Rt. = N.W. Cor. 1 story Bldg.

3" thick oil mix.
4+82 = start drive + parking Area

4+79 = 8' Rt. = end parking Area

2+

7+20.28 \rightarrow Cartagena 31



0-18 { 24' Rt. = deadman
 38' Lt. = ctr. 14" p.pole # P37010

10.60 11.28 10.57
 50 58 58
 in drive G cl

0-20- { 23' Rt. = Nly end existing curb.

1.7 5.7 7.7 7.90 8.43
 50 22 23 23
 66. 6

0-21 { 23' Rt. = Meet Full width
 =~~+~~ ely. edge pave. A.C. Pave.

2.10 6.45 8.47
 50 23

3-

0-34

1.10 5.54 10.12
 50 50

0-50¹⁸ & College Ave

0.54 5.16 9.80
 50 50

336.04

T.P. 6.59 336.04 2.67 329.45

2- 9.90 332.12 - 322.22

□ Wly and N.Wly. C.I. 21 mi. + College
 F.B. 1685

drive.
1' Lt. s.wly. cor into 3" thick A.C.

352
25
on pavo
401
A
E.R.

0+89 - 3 1/2 Lt. = end conc. wall.

1.9 7.4 4.1
T.W. 32 32
B.W.

0+50 - 2 1/2 Lt. found piped leaning west
and south. (No good)

3.7 3.9
20 5

0+50

336.1 330.5 332.2 332.2 330.9 327.7 325.9
1.9 7.5 5.8 5.8 7.1 10.3 12.10 7.02
T.W. 38 32 3 7 25 50
B.W. E.R.

0+48 11 1/2 Lt. = S. Ely Cor. House

0+12 9 1/2 Lt. = S.Wly Cor. House

T.P. 9.30 338.01 7.33 328.71

338.01

18" square conc. base.

0+01 - 23' Rt. = 4" pipe flood light stand.

23' Rt. = start A.C. parking area

23' Rt. = N. Ely Cor. Conc. walk

0+00 = Ely Fine College

334.4 331.2 331.3 330.5 329.3 328.62
2.0 2.9 1.6 4.8 4.7 5.5 6.7 7.42 10.00
30 5 32 32 35 6 23 50
T.W. B.W. AC. walk & A.C. + 6nd.

0-16 - 3 1/2 Lt. = start conc. wall.

3.9 5.6
T.W. 32
B.W.

336.04

B.L

1+24

331.4
3.9
50

4.331.0

11.0
2

11.3
40

16.65
17
EIP

328.64
40

17.55
40

345.29

T.P.

9.46 345.29 2.18 335.83

335.82
2.17
45
EIP
+
End

332.9
5.10
10
EIP
+
End

334.0
4.0
7
Gul.

333.5
4.5

329.7
8.3
14

328.70
9.31
15
EIP
Δ in pave

327.63
10.38
10

1+23 10' Lt. = Ely. edge drain

1+19 = leave A.C.

333.0
0.8
EIP

331.66
6.35
E.P.

330.15
8.86
15
Δ in pave

327.41
10.60
40

333.561
Δ 1.00
43
Δ drain
at C.B.

332.01
6.00
5
Δ
drain

332.01
6.10
48
top of
Nly.
Edge box

8.93
18
IE pipe
to north

basin (P-37 RT)

1+17 5' 0" throat drain + catch

327.16
11.85
IE
box +
pipe to
south

332.61
6.40
ctr.
grate

332.56
6.45
0.8
throat
of drain

331.59
6.42

328
9.95
25

327.41
10.60
40

338.01

3+46 12th Lt. = Large apricot tree

3+00

2+91 4th Lt. = Pole # P. 277029

gutter (page 38)

8th Rt. = Φ , start 1st u. de conc.

2+40 (add to notes below)

T.P. 6.65 349.41 2.53 342.76

2+40 9th Rt. = start Conc. store Bldg.

2+00

1+50

1+45 - 3rd Lt. = deadman.

1+33 4th Rt. = N. wly. Cor. Bldg.

8th Rt. = deadman

1+28 - 3rd Lt. = 12" pole # P 277030

B.L.

44

346.6

2.8

30

345.0

5.4

5.4

344.0

1

7

333.9

15.5

7

333.5

15.9

8

Edge of drain
at drain

332.81

16.60

8

331.5

17.9

8

and

333.88

15.53

8

drain invert

349.41

345.3

0.3

40

342.6

2.7

4

334.2

14.1

4

330.87

14.42

106

E.P.

330.51

14.78

40

344.3

1.0

40

341.6

3.7

3

335.1

10.2

3

329.67

15.62

11

E.P.

329.23

16.06

40

342.5

2.8

40

341.1

4.2

4

333.3

12.0

4

328.98

16.31

14

E.P.

328.44

16.85

40

328.15

17.14

275

345.29

Conc. Floor + foundation.

4+17^E 10^E Lt. = start main Bldg.

345.6	344.7
0.6	1.5
102	10
Floor	Grd

4+17 { 7^E Lt. = N. + So. Bldg wall
 5^E Lt. = ctr. 14" P. pole # P277028
 7^E Lt. = end chain link fence.

346.16.

T.P. 7.49 346.16 10.74 338.67

4+00

346.1	345.1	334.4	332.8	332.4
3.3	4.3	4.3	15.0	16.6
30		1	7	10
				30
				E.P.

3+82 paving at incinerator

331.9
 17.5
14

3+75 6^E RT. = end portable shed.

3+65 ± = 1/2 P.O.T.

3+53^L 9' RT. = start paved parking area

17.45
 9
 E.P.

3+53 { 8^E RT. = Ely. end drain
 9^E RT. = end Conc. Bldg.
 6^E RT. = start board shed - (P38)
 2^E Lt. = start 4' high chain link fence

345.6	345.0	332.4	332.3	331.71
3.8	4.4	17.0	17.1	17.70
30		6	8	8 ^E
			Edge of drain	I.E. drain

349.41

5+00

6.71
10

line of Bldg.

339.45

B.L.

7.51

8.26
10

8.24
20
at Bldg

338.65

337.90

337.92

46

4+96 20' RT = N.W. Cor. Bldg

parking area.

+ start paved 2" thick plant mix.

4+82 = cross-chain link fence.

339.86

6.30
10
E.P.

337.97

6.3
10

4+80 10' Lt. = line of Bldg

338.92

7.24
E.P.

338.6
7.6

8.41
20
pave

337.40
8.76
20
E.P.

337.2
9.0
20

337.31
8.85
40
E.P.

4+79 - 8' RT = end parking lot.

339.8
6.4
10
at Bldg

338.5
7.7

334.5
11.7
8
E.P.
+ Gnd.

333.9
12.3
40
E.P.

4+50

342.8
3.4
10
at Bldg

342.5
3.7
5

339.7
6.5

334.8
11.4
8
E.P.

333.94
12.22
8
E.P.

12.84
40

4+33 - 10' Lt. = 7' wide door

345.6
0.6
10
Floor

346.16

T.P. 7.58 34729 6.45 339.71

in Bldg.

10' Lt. = start loading dock

5+85 12' Rt. = ϕ 8' wide doorway

344.06

2.10

10

Floor level

340.12

6.04

12

doorway

340.17

5.77

10

at Bldg

339.89

6.27

9

339.52

6.64

339.74

6.42

11

340.12

6.04

12

pave

340.15

6.01

12

doorway

5+70 12' Rt. = ϕ 4' doorway

5+50

339.70

6.46

9⁸

pave
11' Lt. ϕ Bldg

339.93

6.83

339.52

6.64

12

pave

5+37- 20' Rt. } Jog in Bldg.
12' Rt. }

6.95

12

pave

7.54

20

pave

340.14

6.02

10

Floor

339.65

6.53

10

E.P.

5+35 10' Lt. = ϕ 3' wide door

5+24 - 20⁹ Rt. = ϕ double Gar. door

338.38

7.78

20⁴

plow level

346.16

7402⁰ 10' Lt. = cl. B.C.

7400⁰³ 10' Lt. = end wall + start cl.
= Wly Cartegena

6499^E 22' RT = 14" stub to pole # P 270968
16' RT = end wall - start curb

6499 - 11⁵ Lt. = Pole # P 270968

6483 119 RT } = end Bldg + start Conc. wall.
10' Lt }

6474 - 10' Lt. = end loading dock.

6452 10' RT = 7' wide doorway

6416 12' RT = 7' doorway

344.77
4.39
10
cl

341.30
4.86
10
G

341.86
4.30
10
cl

341.47
4.69
10
G

341.00
5.16

340.41
5.75
175
G

340.81
5.35
175
cl

340.56
5.60
168
G

340.88
5.28
165
cl

340.56

5.60
167
G

340.88

5.28
167
cl. + T.W.

342.98
3.18
10
T.W.

339.56
6.60
10

339.16
7.00

339.32
6.84
119

340.85
5.131
112
T.W.

342.93

3.23
10

337.06
7.10
10

338.82
7.34

339.02
7.14
12

339.02
7.14
12
floor

340.46
6.83
10

338.96
7.20
9

338.61
7.55

338.76
7.40
10

339.02
7.14
12
peoo

339.36
6.80
12
floor

at
Bldg

347.29

B.L.

48

orig. B.M. College + Univ	5.79	322.19
T.P.	2.82	327.98
T.P.	1.94	333.96
T.P.	2.10	341.34

322.22

Nly end (Chiseled D)
N.w. cl. Ret. Cartagena + Univ.

7+20⁰³ = t Cartagena

3.25 5.00 6.72
50 = 50

3.01 3.41 14.41 7.83 7.32
50 50 50 50 50
cc c cc cc cc

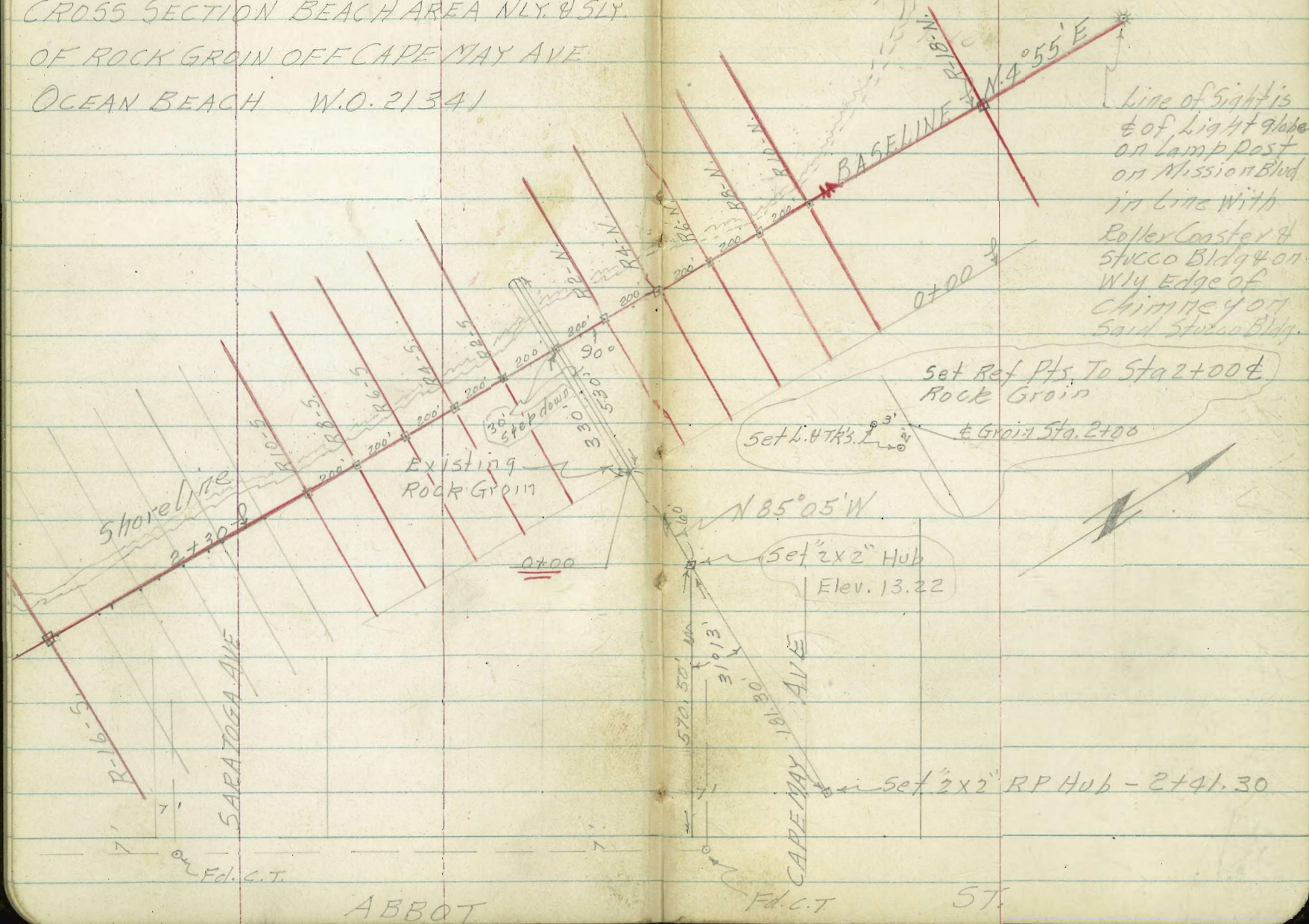
7+05⁰ } = wly. cl. line Cartagena

4.31 4.94 5.09 5.35 6.02 6.12 5.50
13 13 cc cc cc
cc G P.T. P.J G cc
E.C. 347.29 E.C.

CROSS SECTION BEACH AREA NLY. & SIX
 OF ROCK GROIN OFF CAPE MAY AVE
 OCEAN BEACH W.O. 21341

Ref G-348 8-18-55 T.A. Stampel (50)

NOTE: Set 2x2 Hubs @ 100' Sta's
 along Baseline



Line of Sight is
 to of Light globe
 on Lamp Post
 on Mission Blvd
 in line with
 Roller Coaster &
 Stucco Bldg on
 Wly Edge of
 Chimney on
 said Stucco Bldg.

Set Ref Pts. To Sta 2+00 &
 Rock Groin
 & Groin Sta. 2+00

Set L. Hubs L. &
 Groin Sta. 2+00

Set 2x2 Hub
 Elev. 13.22

Set 2x2 RP Hub - 2+41.30

ABBOT

ST. Fd. C.T.

PROFILE LEVELS ALONG CONTROL
BASELINE FOR CROSS SECTIONS OF
ROCK GROIN BEACH AREA

W.O. 21341

Sta	+	H.I.	-	Elev.
R10-5.				
3+30				9.32
R9-5.				
3+30				9.63
R8-5.				
3+30				9.35
R7-5.				
3+30				9.76
R6-5. TP				
3+30				9.66
R5-5.				
3+30				9.97
R4-5.				
3+30				8.85
R3-5.				
3+30				8.30
R2-5.				
3+30				9.05
R1-5.				
3+30				8.27
T.B.M.				8.42
T.B.M.		6.85	13.22	
	+2.17	20.07		
B.M.				17.90

(57)

8-18-55

Staraber
Huffman
Presley
Blunt

NOTE: (See Sketch
Pg. 50)

Used direct Elev. Rod for Profile

Top of 2" x 2" Hub

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

" " "

Top of 2" x 2" Hub (N. 45.)
(0+00) = 3+30 W'ly

Top 2" x 2" Hub - 27 41.30 (see sketch)

N.W.B.P. Cape May & Abbot St
U.S.C. & G.S. M.L.L. W. Datumi

PROFILE LEVELS CONT'D.

	Elev.
T.B.M.	13.21 ~ 13.22
T.B.M.	8.42 ~ 8.42
TP R10-N. 3+30	5.38 ~ 5.38
R9-N. 3+30	6.22
R8-N. 3+30	5.02
R7-N. 3+30	4.54
R6-N. TP 3+30	4.87
R5-N. 3+30	5.38
R4-N. 3+30	5.88
R3-N. 3+30	6.63
R2-N. 3+30	7.32
R1-N. 3+30	8.02
	9.62

T.B.M.	8.42 ~ 8.42
TP	9.66 ~ 9.66

NOTE: 8-18-55
Direct Elev. Rod used for Profile Levels

Cont'd. Pg. 54

Top 2x2 Hub Sta -2+41.30
 Top 2x2 Hub (0+00 N+5 3+30 W. B/L)
 Top 2x2 Hub Sta 3+30 B/L Sta.
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 " " " " "

Top 2x2 Hub (0+00 N+5) 2+30
 Top 2x2 Hub Sta 3+30 R6-S.

8-19-55 Stampen
Hoffman
Presley
Blunt (54)

CROSS SECTIONS OF BEACH AREA NLY. &

SLY. OF ROCK GROIN OFF CAPE MAY

AVE. OCEAN BEACH W.O. 21341

SEC. R2 - SOUTH

SEC. R1 - SOUTH		Elev	SEC. R2 - SOUTH		Elev.
T.P.	- 3.00	8.42			
0+00	- 2.0	9.4	0+00	- 1.8	9.6
0+30	- 2.8	8.6	0+30	- 3.9	7.5
0+80	- 4.4	7.0	0+80	- 4.4	7.0
1+30	- 5.0	6.4	1+30	- 5.2	6.2
1+80	- 4.8	6.6	1+80	- 4.6	6.8
2+30	- 4.0	7.4	2+30	- 3.8	7.6
2+80	- 4.1	7.3	2+80	- 3.4	8.0
5+80	- 12.8	- 1.4	5+80	- 13.0	- 1.6
5+30	- 10.6	0.8	5+30	- 10.9	0.5
4+80	- 8.0	3.4	4+80	- 8.3	3.1
4+30	- 4.6	6.8	4+30	- 4.6	6.8
4+00 Break	- 1.3	10.1	4+00 break	- 0.4	7.0
3+80	- 1.6	9.8	3+80	- 1.2	10.2
3+30	- 3.2	8.2	3+30	- 2.4	9.0
+ 3.00	Σ 11.42			Σ 11.42	
B.M. Top Hub (0+00 ^{Bl} 3+30)	8.42		B.M. (Hub R2-5, 3+30)	9.05	

8-19-55

(55)

SEC. R3 - SOUTH

Elev

0+00	- 2.2	9.2
0+30	- 4.2	7.2
0+80	- 4.4	7.0
1+30	- 5.0	6.4
1+80	- 4.5	6.9
2+30	- 3.8	7.6
2+80	- 3.2	8.2
5+80	-13.2	-1.8
5+30	-11.5	-0.1
4+80	- 8.7	2.7
4+30	- 5.2	6.2
3+95 break	- 0.4	11.0
3+80	- 0.8	10.6
3+30	- 3.1	8.3

Σ 11.42

B.M. (Hub 3+30 R3-S) 8.30

SEC. R4 - SOUTH

Elev.

0+00	-2.2	9.2
0+30	-4.1	7.3
0+80	-4.5	6.9
1+30	-4.6	6.8
1+80	-4.4	7.0
2+30	-3.7	7.7
2+80	-3.6	7.8
5+80	-13.7	-2.3
5+30	-11.8	-0.4
4+80	-9.0	2.4
4+30	-5.7	5.7
3+90 break	-0.6	10.8
3+80	-0.9	10.5
3+30	-2.6	8.8

Σ 11.42

B.M. (Hub 3+30 R4-S) 8.85

SEC. R 5-SOUTH

		Elev.
0+00	- 2.2	9.2
0+30	- 4.5	6.9
0+80	- 4.8	6.6
1+30	- 4.7	6.7
1+80	- 4.3	7.1
2+30	- 3.6	7.8
2+80	- 2.8	8.6
5+80	- 13.6	- 2.2
5+30	- 12.0	- 0.6
4+80	- 9.2	2.2
4+30	- 6.0	5.4
3+90 break	- 0.4	11.0
3+80	- 0.5	10.9
3+30	- 1.5	9.9

11.42

B.M. (Hub 3+30 R 5-S) 9.97

8-19-55

(56)

SEC. R 6-SOUTH

		Elev.
0+00	- 3.5	7.9
0+30	- 3.6	7.8
0+80	- 3.7	7.7
1+30	- 3.7	7.7
1+80	- 3.7	7.7
2+30	- 3.3	8.1
2+80	- 3.0	8.4
5+80	- 13.8	- 2.4
5+30	- 11.8	- 0.4
4+80	- 9.4	2.0
4+30	- 6.3	5.1
3+85 break	- 0.3	11.1
3+80	- 0.5	10.9
3+30	- 1.8	9.6

11.42

B.M. (Hub 3+30 R 6-S) 9.66

SEC. R-7 SOUTH

Elev.

0+00	-2.2	9.2
0+30	-2.3	9.1
0+80	-2.1	9.3
1+30	-1.8	9.6
1+80	-1.7	9.7
2+30	-1.9	9.5
2+80	-1.9	9.5
5+80	-13.1	-1.7
5+30	-12.1	-0.7
4+80	-9.4	2.0
4+30	-6.5	4.9
3+80 break	-0.6	10.8
3+30	-1.7	9.7

11.42

B.M. (Hub 3+30 R7-S) 9.76

8-19-55

(57)

SEC. R-8 SOUTH

Elev.

1+30	0.0	11.3
1+80	+1.0	12.32
2+30	-2.2	9.1
2+85	-3.3	8.0
2+80	-3.5	7.8
5+30	-11.9	-0.6
4+80	-8.9	2.4
4+30	-6.3	5.0
3+80 break	-0.9	10.4
3+30	-2.1	9.2

11.32

B.M. (Hub 3+30 R8-S) 9.35

8-19-55

(58)

SEC. R9-SOUTH

Elev

SEC. R-10 SOUTH

Elev.

1+80	0.0	11.4
2+30	-0.3	11.1
2+80	-1.4	10.0
5+30	-11.8	-0.4
4+80	-8.9	2.5
4+30	-6.0	5.4
3+80 break	-0.5	10.9
3+30	-1.8	9.6

Σ 11.42

B.M. (Hub 3+30 R9-5) 9.63

1+30	checked	+ 0.5	11.9
	9-16-55	+ 0.9	10.9
1+80	T.A.S.	- 0.2	11.2
		- 1.2	10.2
2+30		- 1.7	9.7
2+80		- 2.3	9.1
5+80		- 12.6	- 1.2
5+30		- 11.2	0.2
4+80		- 8.6	2.8
4+30		- 5.5	5.9
3+85		- 2.8	10.6
3+80		- 0.9	10.5
3+30		- 2.1	9.3

Σ 11.42

B.M. (Hub 3+30 R10-5) 9.32

8-19-55

59

SEC. R1-NORTH

SEC. R2-NORTH

Elev.

Elev

0+00	- 4.2	9.5
0+30	- 4.2	9.5
0+80	- 4.9	8.8
1+30	- 6.8	6.9
1+80	- 10.0	3.7
2+30	- 8.9	4.8
2+80	- 5.6	8.1
+410	<u>13.72</u>	
5+80	- 12.9	- 1.6
5+30	- 11.4	- 0.2
4+80	- 9.7	1.6
4+30	- 8.1	3.2
3+80	- 6.7	4.6
+1.70	<u>11.32</u>	
B.M. (Hub 3+30 R1-N)		9.62

0+00	- 3.3	10.4
0+30	- 2.6	11.1
0+80	- 4.8	8.9
1+30	- 6.4	7.3
1+80	- 9.6	4.1
2+30	- 7.1	6.6
2+80	- 5.2	8.5
	<u>13.72</u>	
5+80	- 12.8	- 1.5
5+30	- 11.3	0.0
4+80	- 9.8	1.5
4+30	- 8.2	3.1
3+80	- 7.0	4.0
3+30	- 3.3	8.0
	<u>11.32</u>	
B.M. (Hub 3+30 R2-N)		8.02

8-19-55

60

SEC. R3-NORTH

		Elev.
0+00	- 3.7	10.0
0+30	- 3.8	9.9
0+80	- 4.7	9.0
1+30	- 5.7	8.0
1+80	- 9.2	4.5
2+30	- 7.0	6.7
2+80	- 5.3	8.4
	<u>Δ 13.72</u>	
5+80	- 12.4	- 1.1
5+30	- 10.9	0.4
4+80	- 9.3	2.0
4+30	- 8.0	3.3
3+80	- 7.1	4.2
3+30	- 4.0	7.3

Δ 11.32

B.M. (Hub 3+30 R3-N.) 7.32

SEC. R4-NORTH

		Elev.
0+00	- 3.0	10.7
0+30	- 3.0	10.7
0+80	- 4.0	9.7
1+30	- 5.2	8.5
1+80	- 8.6	5.1
2+30	- 7.2	6.5
2+80	- 5.1	8.6

Δ 13.72

5+80	- 12.0	- 0.9
5+30	- 10.6	0.7
4+80	- 9.0	2.3
4+30	- 7.7	3.6
3+80	- 7.1	4.2
3+30	- 4.7	6.6

Δ 11.32

B.M. (Hub 3+30 R4-N.) 6.63

8-19-55

61

SEC R5-NORTH

		Elev
0+00	- 3.3	10.4
0+30	- 3.1	10.6
0+80	- 3.7	10.0
1+30	- 4.5	9.2
1+80	- 7.1	6.6
2+30	- 6.0	7.7
2+80	- 5.9	7.8
3+30	Δ 13.72	
5+80	- 11.1	0.2
5+30	- 9.8	1.5
4+80	- 8.5	2.8
4+30	- 7.4	3.9
3+80	- 6.8	4.5
3+30	- 5.4	5.9

 Δ 11.32

BM (Hub 3+30 R5 N.) 5.88

SEC R6-NORTH Elev.

0+00	- 3.1	10.6
0+30	- 3.1	10.6
0+80	- 3.3	10.4
1+30	- 4.0	9.7
1+80	- 6.5	7.2
2+30	- 6.4	7.3
2+80	- 7.3	6.4
	Δ 13.72	
6+30	- 11.8	-0.5
5+80	- 10.6	0.7
5+30	- 9.3	2.0
4+80	- 8.1	3.2
4+30	- 7.4	3.9
3+80	- 6.8	4.5
3+30	- 5.9	5.4

 Δ 11.32

BM (Hub 3+30 R6-N.) 5.38

8-19-55

(62)

SEC. RT - NORTH Elev

0+00	-3.5	10.2
0+30	-3.5	10.2
0+80	-3.2	10.5
1+30	-4.0	9.7
1+80	-5.1	8.6
2+30	-7.4	6.3
2+80	-8.0	5.7
<u>Σ 13.72</u>		
6+30	-11.5	-0.2
5+80	-10.0	1.3
5+30	-8.8	2.5
4+80	-8.0	3.3
4+30	-7.3	4.0
3+80	-7.0	4.3
3+30	-6.5	4.8

Σ 11.32

BM (Hub 3+30 RT-N) 4.87

SEC. RB - NORTH Elev

0+00	-2.7	11.0
0+30	-3.0	10.7
0+80	-3.7	10.0
1+30	-3.7	10.0
1+80	-4.3	9.4
2+30	-5.2	8.5
2+80	-8.0	5.7
<u>Σ 13.72</u>		
6+80	-12.2	-0.9
6+30	-11.0	0.3
5+80	-9.7	1.6
5+30	-8.6	2.7
4+80	-7.8	3.5
4+30	-7.4	3.9
3+80	-7.3	4.0
3+30	-6.8	4.5

Σ 11.32

BM (Hub 3+30 RB-N) 4.54

8-19-55

63

SEC R9 - NORTH Elev.

0+00	- 2.2	11.5
0+30	- 3.2	10.5
0+80	- 3.0	10.7
1+30	- 3.1	10.6
1+80	- 3.5	10.2
2+30	- 5.4	8.3
2+80	- 6.4	7.3
6+80	<u>13.72</u>	- 0.2
6+30	- 10.3	1.0
5+80	- 9.3	2.0
5+30	- 8.4	2.9
4+80	- 7.8	3.5
4+30	- 7.6	3.7
3+80	- 7.5	3.8
3+30	- 6.3	5.0

11.32

BM (Hub 3+30 R9-N.) 5.02

SEC R10 - NORTH Elev

7 BM. (Hub 3+30 R1-N.)	- 4.10	9.62
0+00	- 2.6	11.1
0+30	- 3.3	10.4
0+80	- 2.7	11.0
1+30	- 2.7	11.0
1+80	- 3.5	10.2
2+30	- 3.4	10.3
2+80	<u>13.72</u>	- 5.5
7+30	- 11.9	- 0.6
6+80	- 10.9	0.4
6+30	- 9.7	1.6
5+80	- 8.9	2.4
5+30	- 8.4	2.9
4+80	- 8.1	3.2
4+30	- 8.0	3.3
3+80	- 6.9	4.4
3+30	- 5.1	6.2

11.32

BM (Hub 3+30 R10-N.) 6.22

9-16-55

NOTE: See Sketch Pg. 50

Stamper
Garber
Kelley
Blunt

ADDITIONAL CROSS SECTIONS NLY.
4 5/8 LY OF ROCK GROIN OFF CAPE
MAY AVE OCEAN BEACH W.D. 21341

Sta.	+	H. I.	-	Elev.	Sta.	+	H. I.	-	Elev.
	5.82	14.20			T.B.M.			3.89	13.18 ~ 13.22
TP			8.33	8.38	4.79		17.07		
T.B.M. (side shot)			3.55	13.16 = 13.22	TP			3.27	12.28
	7.29	16.71			5.10		15.55		
TP Top Hub			11.08	9.42	TP Top Hub			5.46	10.45
R16-5 Top Hub			6.76	13.74	R18-North Top Hub			7.06	8.85
R15-5 Top Hub			5.60	14.90	R17-North Top Hub			6.89	9.02
R14-5			6.22	14.28	R16-North Top Hub			6.02	9.89
	9.40	20.50			R15-North Top Hub			5.34	10.57
Top Hub R13-5 TP			5.22	11.10	R14-North Top Hub			5.86	10.05
Top Hub R12-5			4.75	11.57	R13-North Top Hub			5.66	10.25
Top Hub R11-5			5.64	10.68	R12-North			7.15	8.76
	8.25	16.32			8.55		15.91		
TP			8.49	8.07	Top Hub R11-North TP			6.84	7.36
	8.34	16.56					14.20		
T.B.M.			13.22		Top of "2x2" Hub - 2+41.30 (see Pg. 51)				

9-16-35

SECTION R.16-SOUTH

SECTION R.15-SOUTH

Sta Eled

5+80	-13.0	0.3
5+30	-12.0	1.3
4+80	-9.5	3.8
4+30	-4.4	9.0
<u>13.35</u>		
Top Hub. R.13-South		
TBM. +2.25	13.35	11.10
Top bank		
4+25	-9.7	10.8
3+80	-8.0	12.5
1+80	-5.7	14.8
2+30	-6.1	14.4
2+80	-6.1	14.4
3+30	-6.8	13.7

20.50

5+80	-14.2	-0.9
5+30	-11.4	2.0
4+80	-10.0	3.3
4+30	-7.0	6.3
<u>13.35</u>		
Top bank		
4+12	-8.2	12.3 EHA
3+80	-7.1	13.4
1+30	-6.0	14.5
1+80	-7.1	13.4
2+30	-7.0	13.5
2+80	-6.6	13.9
3+30	-5.6	14.9

20.50

9-16-55

SECTION R14 - SOUTH

Sta

Elev

5+80	-14.5	-1.2
5+30	-12.2	1.1
4+80	-10.6	2.7
4+30	-8.5	4.8
Top bank	<u>13.35</u>	
3+97	-8.8	11.7
3+80	-9.0	11.5
0+80	-6.1	14.4
1+30	-6.9	13.6
1+80	-6.7	13.8
2+30	-6.0	14.5
2+80	-5.6	14.9
3+30	-6.2	14.3

20.50

SECTION R13 - SOUTH

Sta

Elev

5+30	-12.9	0.4
4+80	-11.0	2.3
4+30	-9.0	4.3
Top bank	<u>13.35</u>	
3+75	-10.2	10.3
0+30	-6.1	14.4
0+80	-5.7	14.8
1+30	-5.7	14.8
1+80	-5.4	15.1
2+30	-7.5	13.5
2+80	-8.6	11.4
3+30	-9.4	11.1

20.50

9-16-55

SECTION R12 - SOUTH

Sta Elevation

5+80	-14.8	-1.5
5+30	-12.9	0.4
4+80	-11.1	2.2
4+30	-9.0	4.3
<u>Top bank</u> ∇ 13.35		
3+78	-9.0	11.5 E.H.A.
0+30	-5.9	14.6
0+80	-6.7	13.8
1+30	-6.0	14.5
1+80	-6.3	14.2
2+30	-7.0	13.5
2+80	-8.2	12.3
3+30	-9.0	11.5

∇ 20.50

SECTION R11 - SOUTH

Sta Elevation

5+80	-15.0	-1.7
5+30	-13.3	0.0
4+80	-11.4	2.0
4+30	-9.5	3.8
<u>Top bank</u> ∇ 13.35		
3+75	-9.2	11.3
0+30	-6.4	14.1
0+80	-7.5	13.0
1+30	-6.4	14.1
1+80	-7.2	13.3
2+30	-8.4	12.1
2+80	-10.1	10.4
3+30	-9.8	10.7

∇ 20.50

9-16-55

SECTION R 10 - SOUTH

Sta Elevation

NOTE: This Sec. Taken as Check on Original Section

T.B.M. ^{Top Hub} R 13 - South -2.25 11.10

5+80 - 15.3 - 2.0

5+30 - 13.2 0.1

4+80 - 11.4 2.0

4+30 - 9.5 3.8

∧ 13.35

Top bank 3+80 - 9.3 11.2

0+00 - 6.7 13.8

0+30 - 7.9 12.6

0+80 - 7.5 13.0

1+30 - 8.4 12.1

1+80 - 9.3 11.2

2+30 - 10.7 9.8

2+80 - 11.2 9.3

3+30 - 10.4 10.1

∧ 20.50

SECTION R 11 - NORTH

Sta Elevation

7+80 - 11.4 - 0.5

7+30 - 10.4 0.5

6+80 - 9.6 1.3

6+30 - 8.8 2.1

5+80 ^{Hub} - 8.1 2.8

5+30 - 7.3 3.6

4+80 - 6.6 4.3

4+30 - 4.8 6.1

3+80 - 3.3 7.6

∧ 10.89

T.B.M. +3.53 10.89 7.36

0+00 - 5.1 10.8

0+30 - 5.2 10.7

0+80 - 5.7 10.2

1+30 - 5.2 10.7

1+80 - 4.8 11.1

2+30 - 6.0 9.9

2+80 - 6.5 9.4

3+30 - 8.6 7.3

∧ 15.91

9-16-55

SECTION R12 - NORTH

SECTION R13 - NORTH

Sta		Elev
8+30	-11.7	-0.8
7+80	-10.7	0.2
7+30	-9.8	1.1
6+80	-9.0	1.9
6+30	-8.2	2.7
5+80	-7.6	3.3
5+30	-7.0	3.9
4+80	-6.1	4.8
4+30	-4.4	6.5
3+80	-3.1	7.8

Sta		Elev
8+80	-12.1	-1.2
8+30	-11.0	-0.1
7+80	-10.0	0.9
7+30	-9.2	1.7
6+80	-8.6	2.3
6+30	-8.1	2.8
5+80	-7.5	3.4
5+30	-6.8	4.1
4+80	-5.8	5.1
4+30	-3.6	7.3
3+80	-2.7	8.2

10.89

✓ 0+30	-5.3	10.6
0+80	-5.1	10.8
1+30	-6.0	9.9
1+80	-5.3	10.6
2+30	-5.0	10.9
2+80	-6.3	9.6
3+30	-7.1	8.8

15.91

10.89

✓ 0+30	-5.6	10.3
0+80	-5.6	10.3
1+30	-6.5	9.4
1+80	-6.4	9.5
2+30	-5.4	10.5
2+80	-5.6	10.3
3+30	-5.7	10.2

15.91

9-16-55

SECTION R14- NORTH

SECTION R15- NORTH

Sta		Elev.
8+80	- 11.6	-0.7
8+30	- 10.6	0.3
7+80	- 9.8	1.1
7+30	- 9.0	1.9
6+80	- 8.5	2.4
6+30	- 8.1	2.8
5+80	- 7.5	3.4
5+30	- 6.8	4.1
4+80	- 5.5	5.4
4+30	- 2.8	8.1
break	<u>10.89</u>	
3+80	- 6.2	9.7
✓ 0+30	- 6.1	9.8
0+80	- 5.8	10.1
1+30	- 5.9	10.0
1+80	- 6.4	9.5
2+30	- 6.5	9.4
2+80	- 5.5	10.4
3+30	- 5.9	10.0

15.91

Sta		Elev.
9+30	- 10.6	0.3
8+80	- 10.3	0.6
8+30	- 10.0	0.9
7+80	- 9.5	1.4
7+30	- 9.1	1.8
6+80	- 8.5	2.4
6+30	- 7.8	3.1
5+80	- 7.1	3.8
5+30	- 6.0	4.9
4+80	- 3.5	7.4
	<u>10.89</u>	
break		
4+56	- 7.2	8.7
4+30	- 6.4	9.5
3+80	- 6.1	9.8
✓ 0+80	- 6.0	9.9
1+30	- 6.8	9.1
1+80	- 6.7	9.2
2+30	- 6.8	9.1
2+80	- 6.1	9.8
3+30	- 5.3	10.6

15.91

9-16-55

SECTION R16 - NORTH

SECTION R17 - NORTH

Sta.		Elev.
9+30	-10.4	0.5
8+80	-9.9	1.0
8+30	-9.4	1.5
7+80	-8.8	2.1
7+30	-8.4	2.5
6+80	-7.9	3.0
6+30	-7.3	3.6
5+80	-6.4	4.5
5+30	-4.6	6.3
	∇ 10.89	
Top bank		
5+00	-7.3	8.6
4+80	-7.0	8.9
4+30	-6.2	9.7
3+80	-6.6	9.3
1+30	-6.8	9.1
1+80	-7.5	8.4
2+30	-7.4	8.5
2+80	-6.7	9.2
3+30	-6.0	9.9

∇ 15.91

Sta.		Elev.
9+30	-10.0	0.9
8+80	-9.4	1.5
8+30	-8.8	2.1
7+80	-8.2	2.7
7+30	-7.6	3.3
6+80	-7.1	3.8
6+30	-6.3	4.6
5+80	-4.6	6.3
5+60 break	-2.9	8.0
5+30	-2.5	8.4

∇ 10.89

Top bank		
4+80	-6.4	9.5
4+30	-6.9	9.0
3+80	-6.7	9.2
0+80	-7.2	8.7
1+30	-7.1	8.8
1+80	-7.0	8.9
2+30	-7.2	8.7
2+80	-8.4	7.5
3+30	-6.9	9.0

∇ 15.91

9-16-53

SECTION R-18-NORTH

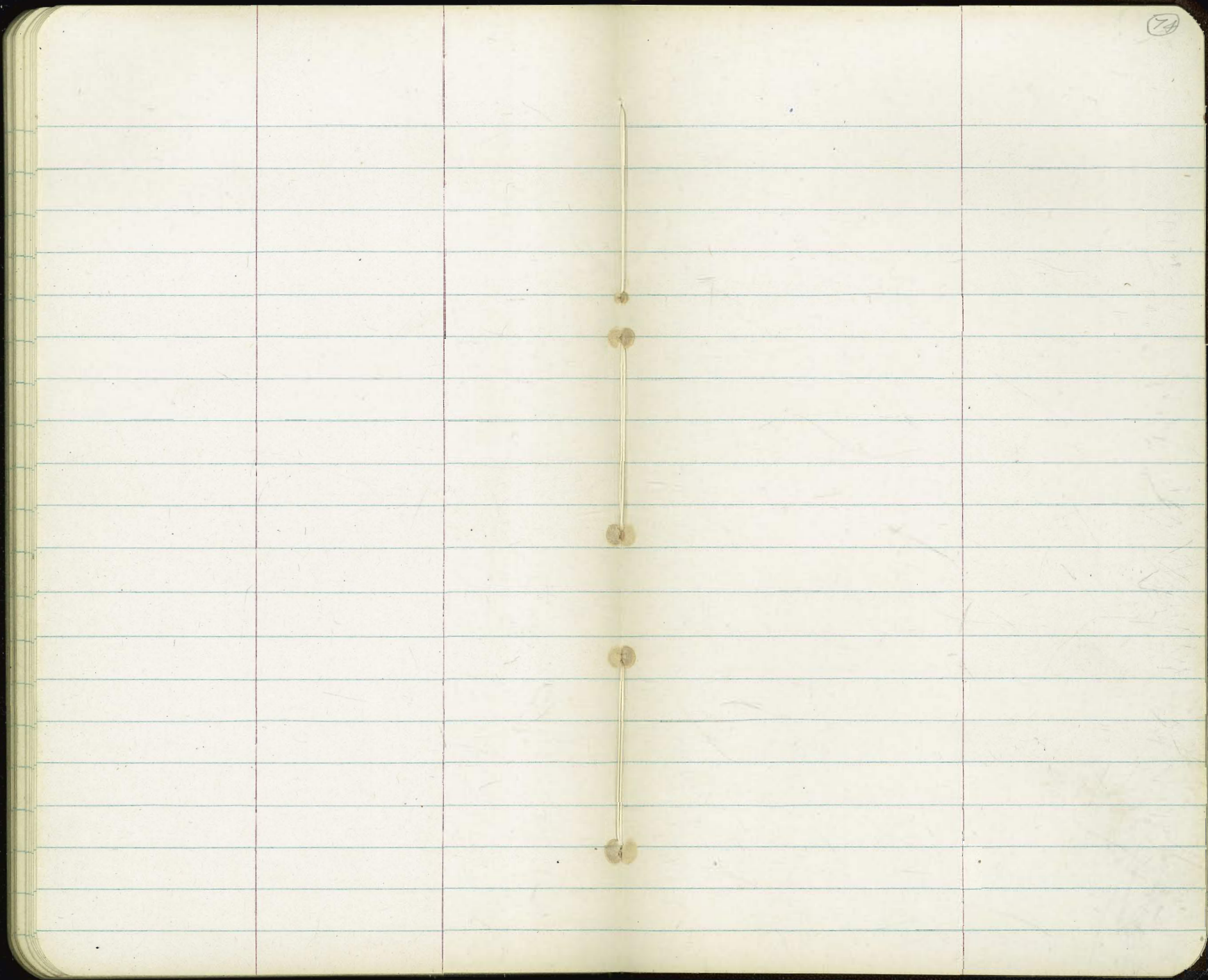
Sta		Elev
T.B.M.	-3.53	7.36-7.36
7+30	-7.3	3.6
6+80	-6.0	4.9
6+30	-4.7	6.2
5+80	-3.1	7.8
	<u>10.89</u>	
Top bank		
5+46	-6.5	9.4
5+30-	-6.5	9.4
4+80	-7.4	8.5
4+30	-7.5	8.4
3+80	-7.9	8.0
✓ 0+80	-8.1	7.8
1+30	-7.5	8.4
1+80	-10.1	5.8
2+30	-7.8	8.1
2+80	-7.9	8.0
3+30	7.1	8.8

15.91

Starting Bench (see Pg. 68)

Toe Setty

The image shows an open notebook with two blank, lined pages. The pages are cream-colored with light blue horizontal ruling. The notebook has a dark cover visible around the edges. The page number '73' is written in the top right corner of the right page. The pages are otherwise empty of any text or markings.



The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook is bound in the center, and the dark cover is visible at the edges. The pages are blank, with no writing or markings, except for the page number '77' in the top right corner of the right page.

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature light blue horizontal ruling. The notebook is bound in the center, and the dark cover is visible at the edges. The pages are blank, with no writing or markings. A small circled number '78' is located in the top right corner of the right page.

