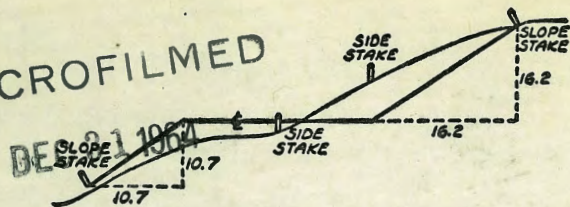


MICROFILMED



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.

16.17
5.57
10.63

369.38

371.03 = PK

INDEXED

through page 39

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	4.44	4.98	5.38	5.84
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	.286	.383	.480	.578	.678	.777	.877	.977	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

Alignment 54th University to El Cajon 1-6
 Cross Sec. 54th 7-26
 " " " Chollar Road to University Hwy 27-38
 Curb + Walk, Elou, Engelow + Locust 39
 Prop. R/W South East Univ. Road + 54th 40
 Resurvey Lots 33-33-34 block 3 Berkeley Hts 41
 X- Sec. Wawona Dr. Capistrano to Chatsworth 52
 X- SECT. UNIVERSITY (E/W 9 W2) of 54th ST 57

Proposed Alignment 54th St
University Ave. to El Cajon Ave.

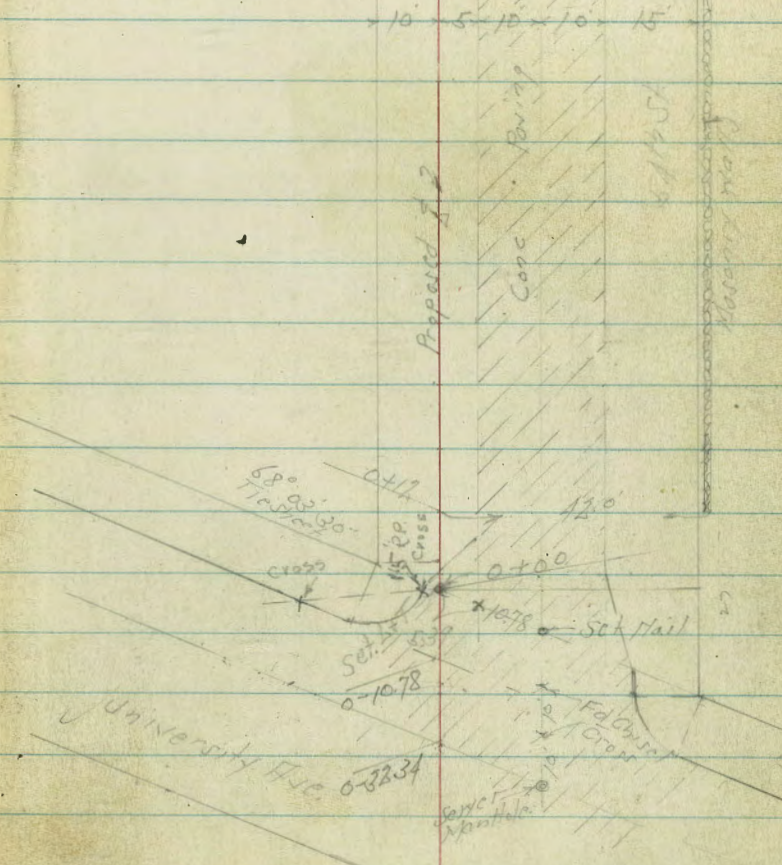
INDEXED
SMK
OCT 16 1950

10.78
5.39
16.17

0+00 = North Line of University Ave.

Sept. 13 50
F.S. Moos
Rorer
Garber
H.O. 22048

F.R. # 1501
TP. # 23



UNIVERSITY ST 2207

1+62

1+38

Proposed I.P.

Concrete Paving

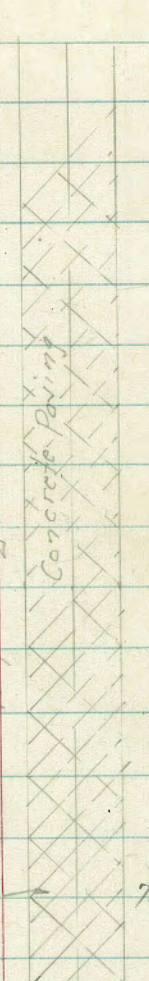
72'

42'

10' x 5' 10' x 15'

Masonry Wall

10' x 5' 10' x 15'



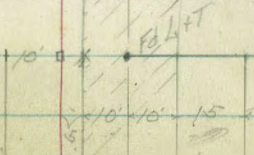
10+06.69 A 0° 01' 05" RL

2.95 ft.

9+27.61 POT

Mon
7/15/59

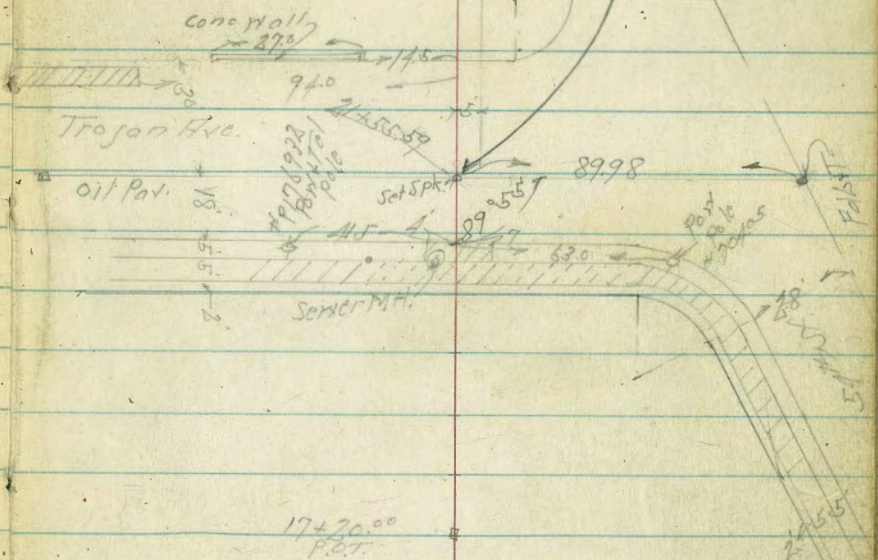
Prepared by P



Concrete
Paving

342.09

P.K. &
DISK
8-9-57



19+95.72 P.O.T.

17+20.00 P.O.T.

17+20.00
P.O.T.

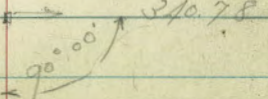
Proposed 2'

190° 01'
R 15'

15+60.78
30'

15+60.78
30'

Orange Ave.



15+60.78
30'

15+60.78
30'

28+94.98 P.O.T

68.72

100

28+94.98

15

Fd.Lt

28+08

28+21

65.0

75

75

82

1 1/2" Conc Pipe

27+27

26+18

Masonry Wall
+ Gutter

24+11

90°

85°

23+70.57

5

Fd.Lt.

23+70.47 P.O.T

22+95.21 Δ 0°02'10" Rt.

100

100

22+95.21

Δ 0°02'10" Rt.

15

60.72

Proposed Alignment 54th St.

Oct 2-80
Furison
Garber
Forci
Pullen

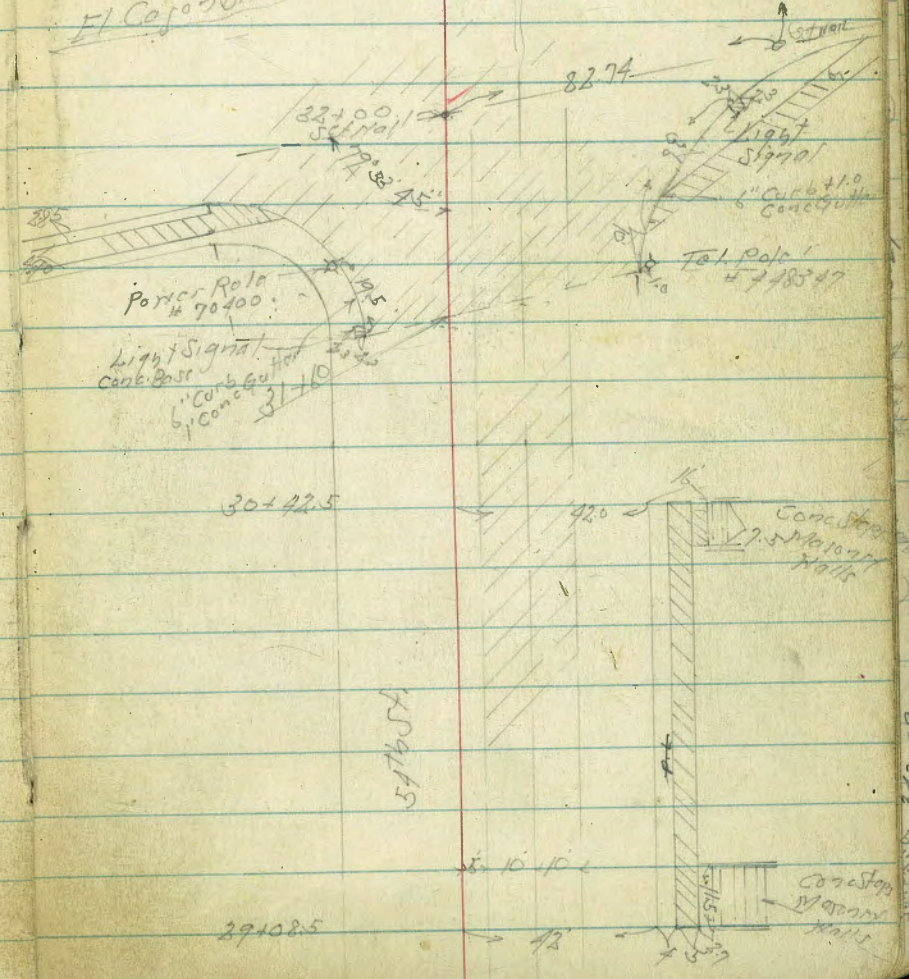
6



El Cajon Blvd.

32+00 = South Line El Cajon to East

31+60



30+42.5

29+02.5

547654

342.09

Conc. Stop
Masonry
Walls

Conc. Stop
Masonry
Walls

42.0

5-10-10

43

82.74

32+00

Sch. Wall

79.32

45.7

Power Pole
90400

Light Signal
Conc. Base

6\"/>

31+10

ST. WALL

Light
Signal

6\"/>

Tel. pole
798347

Cross Section 154th St.
University Ave to El Cajon Blvd.

Oct 5-50
F.S. 504
60-601
Roror
Pullen

15.00

11. East 7

TP 11.92 32181 5.72 312.94

+12.5

315.16 314.36 315.56 314.46 311.76 311.26 311.03 311.19 311.11 311.42 309.46 309.82
 888.86 90. 80. 79. 69. 74 763 747 735 721 99 88
 15. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15.

Link Fence

+12 420R to 1/2 - St. Masonry Wall Also

0 ± 0

Taken 90° off st.

309.34 309.45 309.29 308.76 308.82 933 907 937 99 98
 15. 15. 27. 50. 75

0 ± 0 = H.L. University

Taken on Street

317.76 316.16 312.56 311.06 309.98 309.34 309.45 308.60 308.03 308.43 307.26 305.74
 120 25 61 76 86 933 921 1006 967 102 114 129
 180 100 50 9. 0.8. 27 18 15 320. 320.06 100 150

#307947H

0 - 11 370R to 1/2 St. To. Pale Under Ground Mark

0 - 10.78

312.88 312.36 312.45 308.67 306.54 307.24 305.87 305.07
 178 230 221 999 1212 1142 1279 1389
 120.06 120.6 100.06 150.06 100.06 100.06 117.5 147.5

0 - 10.78 = North Carb Line

Taken on Street

317.87 312.16 311.60 310.0 309.41 309.12 308.82 308.41 308.36 308.97 308.41 302.09 342.09
 379 650 706 86 925 954 984 1025 1020 919 1000 1000
 100.5 50.06 60.06 135 155 15.0 310 38.06 28.06 50.06

0 - 32.32 = University

Taken on line Univ. St.

317.75 315.46 312.19 309.74 309.28 309.23 308.49 308.70 304.96 305.82 305.82
 131 220 147 272 948 963 1008 1066 1176 1241
 130 100 50 10 26 37 50 100 150

B.M 864 31866 310.07

NWBSP
UNIVERSITY
454th St.

31866

44
Note: - From Sta.
8+50 to 81+897 Rt+Lt.
+ Above + - Below L

+54 3' Lt of L - L Olive Tree

+50

+80 30' Lt of L - L Olive

+06 10.0 Lt of L - L Power Pole 17.1750
30' Lt of L - L Olive

2+0

+82 30' Lt of L - L Olive Tree

TP 1202 336.46 049 329.44

+59 30' Lt of L - L Olive Tree

+50

+35 30' Lt of L - L Olive Tree

1+0

+86 30' Lt of L - L Olive Tree

+63 30' Lt of L - L Olive Tree

+52 90' Lt of L - L Power + Tel Pole # 70417

0+50

324.8

331.46
332.86
335.06
337.96
339.46
341.96
343.96
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771.96
773.96
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781.96
783.96
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797.96
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801.96
803.96
805.96
807.96
809.96
811.96
813.96
815.96
817.96
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821.96
823.96
825.96
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833.96
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837.96
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841.96
843.96
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847.96
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933.96
935.96
937.96
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941.96
943.96
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983.96
985.96
987.96
989.96
991.96
993.96
995.96
997.96
999.96

321.86

80.00

745 745 alloway 3/14/50
 95 Lt of L - L Parrot Palm 470415
 20 Lt of L - L Olive Tree
 30 Lt of L - L Olive Tree
 30 Lt of L - L O.T.
 30 Lt of L - L O.T.
 330 Lt of L - L O.T.
 20 Lt of L = L Olive Tree
 250 Lt of L = L Olive Stump
 30 Lt of L = L Olive Tree
 90 Lt of L = L Parrot Palm 4171751
 20 Lt of L = L Olive Tree
 20 Lt of L = L 14 Eve Tree
 30 Lt of L = L Olive Tree
 1271 34859 0.58 33588
 20 Lt of L - L Olive Tree
 20 Lt of L - L Olive Tree
 20 Lt of L - L Olive Tree
 20 Lt of L - L Olive Tree

Lt. 9
 352.19
 347.39
 345.19
 345.40
 348.19
 345.02
 339.09
 348.89
 345.19
 343.59
 342.89
 342.29
 342.81
 342.89
 342.17
 342.29
 339.99
 337.79
 345.14
 342.99
 340.99
 340.09
 339.59
 340.03
 340.99
 339.98
 339.29
 339.99
 340.69
 339.29
 338.09
 346.59
 336.95
 336.97
 336.65
 336.49
 328.09
 348.59
 336.16
 335.86
 336.06
 332.86
 332.92
 332.98
 332.74
 332.66
 332.45
 342.09

+82 340 Rt of L - L of Olive Tree
 3' Lt of L - L of Olive Tree

TP 12.79 372.26 0.72 359.47

+58 340 Rt of L - L O.T.
 3' Lt of L - L O.T.

+50

+34 34' Rt of L - L O.T. #91012
 3' Lt of L - L O.T. 570 Rt of L - L Port Pole
 35' Rt of L - L O.T. 10' Lt of L - L Port Pole #70414

+10 3' Lt of L - L O.T.

710

+86 34' Rt of L - L O.T.
 3' Lt of L - L O.T.

+62 3' Lt of L - L O.T.

+50

+38 34' Rt of L - L O.T.
 3' Lt of L - L O.T.
 33' Rt of L - L O.T.

+14 3' Lt of L - L O.T.

640 3' Lt of L - L O.T. 34' Rt of L - L O.T.

+90 330 Rt of L - L Port Pole

+80 TP 12.27 360.19 0.67 347.92 #77414
 5' Rt 5+80

+66 34' Rt of L - L O.T.
 3' Lt of L - L Olive Tree

5+50

348.59

Lt. Rt.

372.37 364.69 362.39 360.19

+122 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

+121 75 75 75 0

348.59

5755T

+97 160 lbs of L - S Cypress Tree

+75

+50 3' Lt of L - S O.T.

35' Rt of L - S O.T.

+25 3' Lt of L - S O.T.

+22 5' Lt of L - S Porter Pole # 70413

35' Rt of L - S O.T.

940 2' Lt of L - S O.T. 1/4 Dead

35' Rt of L - S O.T.

3' Lt of L - S O.T.

35' Rt of L - S O.T.

+55 30' Lt of L - S O.T.

+50 35' Rt of L - S O.T.

+30 3' Lt of L - S O.T.

34' Rt of L - S O.T.

3' Lt of L - S O.T.

870

37226

Oct. 10. 50
H.S. 5507
G.A. 607
Rorer
Fisher

Lt.

370.76
372.84
371.86
373.76
372.76
371.66

374.66
378.86
376.06
374.76
379.96
372.56

379.16
379.66
378.66
374.66
370.46

379.86
375.76
379.56
372.56
367.56

376.96
370.56
368.56
368.16
364.16

37226

370.84
370.43
369.47
369.07
370.76

370.26
374.05
369.76
367.29
369.36

368.66
368.44
368.06
367.66
368.56

365.86
365.88
365.70
364.88
364.06

362.86
362.81
362.96
362.69
362.16

Rt

11

1240

+50

1140

+82
+77

TP

+63

+50

+29

10+06.69

80 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Olive Tree
60 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Olive Tree
50 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Parrot Pole # 20411

40 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Olive Tree

30 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Olive Tree

75 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Tall Pole # 301308H
140 ft of $\frac{1}{2}$ - $\frac{1}{2}$ Olive Tree

A 0 01

372.26

41

360.92
-69
100
361.12
-56
75
362.22
-37
36
362.42
-16
36
364.02
-16
36
366.92

361.12
-63
100
362.22
-52
75
363.62
-37
36
367.42
-11
36
369.42
+20
35
370.52
+21
75
370.92
+25
100

362.42
-50
100
363.62
-38
75
365.72
-17
36
367.42
-11
36
368.32
+09
35
368.22
+28
76
371.12
+27
80
370.72
+23
90

363.76
-19
100
365.06
-26
75
367.36
-12
36
368.66
+00
31
370.66
+20
41
370.27
+00
31
369.91
+16
31
369.42
+12
57
368.06
+10
70

367.96
-27
60
369.76
+01
36
370.44
-18
36
370.27
-0.19
20
369.91
-0.55
33
369.42
-1.04
43
368.06
-16
55
367.14
-63
740

372.26

42

370.42
+25
35
370.72
+28
75
375.12
+82
100

369.42
+20
35
370.52
+21
75
370.92
+25
100

368.32
+09
35
368.22
+28
76
371.12
+27
80
370.72
+23
90

368.66
+00
31
370.66
+20
41
370.27
+00
31
369.91
+16
31
369.42
+12
57
368.06
+10
70

370.44
-18
36
370.27
-0.19
20
369.91
-0.55
33
369.42
-1.04
43
368.06
-16
55
367.14
-63
740

372.26

12

JP 12.70 391.03 0.19 378.53

+50

1440

+50

1240

12750

378.53

373.12
373.42
373.52
373.12
375.72

-26/100 -22/75 -22/50 -26/25 28
+27/25 +108/57 +109/75 +113/100

364.82
365.62
366.62
368.02
369.62

-15/100 -10/75 -20/50 -16/25 89
+20/25 +151/60 +82/75 +129/100

360.82
362.02
363.72
365.92
367.42

-66/100 -54/75 -27/50 -15/25 114
+27/25 +159/50 +109/75 +162/100

359.82
361.02
362.52
364.52
366.22

-69/100 -57/75 -12/50 -22/25 118
+29/25 +66/50 +117/75 +171/100

359.82
361.02
362.42
364.12
366.32

-15/100 -52/75 -39/50 -22/25 122
+81/25 +64/50 +99/75 +134/100

378.53

PL

13

54455

+90 90 ft of 2 10" " "
+80 100 ft of 2 10" Fuc Tree
+60

TP 1060 397.91 3.73 387.31
+52 27 ft of 2 10" TCI x Power Pole # JP176185
+50

+33.78 = Approx 20' Strip Oil Paving

BM 2.79 388.34
+18 120 ft of 2 10" Power Pole # 77027

1540
14475

391.03

St

Note - Levels From Sta 15450 to BM El Capon + Day Lon Was Adjusted (Hamored) to Beach Levels

-20 389.46
100

389.31
389.28
389.4
388.01
387.21
390.31
391.41

391.71
~~389.41~~
~~389.41~~
389.50
392.01
391.71

387.93
385.17
386.33
386.63

-24 100
-2.4 100
-1.0 50
-0.7 25

397.91

387.38
387.53
388.53
388.03
388.25

+0.2 25
+1.2 46
+0.7 76
+0.9 95

383.10

384.56

385.13

385.66

386.28

386.83

387.37

387.87

387.89

387.50

387.85

-37 150

-2.27 100

-1.70 75

-1.17 50

-0.55 25

4.20

+0.54 25

+1.04 50

+1.04 75

+0.67 100

-0.00 130

384.93

385.03

385.33

386.13

386.33

387.33

388.33

388.53

389.03

-1.4 100

-1.8 75

-1.0 50

-0.2 25

4.7

+1.0 25

+2.0 50

+2.2 75

+2.7 100

377.83

378.83

378.63

384.93

386.23

387.43

387.53

387.93

-7.1 100

-6.1 50

-6.2 25

6.1

+1.2 25

+2.5 50

+2.6 75

+3.0 100

391.03

TP 0.04 373.76 1206 373.72

+50

+12 250 H of L - L 20" Pepper Tree

TP 0.88 385.78 1201 384.90

+58 550 H of L - L 15" Pepper Tree

+20

+09 120 H of L - L 40" Pepper Tree

17+0

+56 190 H of L - L 30" Pepper Tree

+50

16+0

377.91

67

382.88
383.08
381.78
380.58

+20
100
+22
75
+09
55
-02
25

391.23
391.85
391.73
391.33

-14
94
-08
75
-09
56
-12
25

391.81
392.31
392.31
392.51
392.11

-12
100
-07
75
-07
62
-05
50
-09
25

392.51
392.85
393.51
393.81

-10
100
-068
75
00
56
+02
210

391.21
391.81
391.71
393.71

-17
100
-14
75
-15
510
+08
20

8

380.88
379.38
379.68

49
-1.5
25
-1.2
45
-1.9
50
-2.6
84
-4.9
71
-4.7
86

385.78

392.43
393.03
389.93

18
25
+0.4
25
-27
50
-47
75
-90
100

393.01
393.51
393.01
392.91

19
+0.5
25
00
50
-01
75
-06
910

393.51
394.51
394.21
393.71

44
+1.0
25
+07
50
+02
75
-01
92.5

392.91
393.91
393.31
393.11
392.91

50
+0.4
25
+0.4
50
+0.3
75
00
950

14

378.98
378.28
375.98
376.18

378.98
378.28
375.98
376.18

387.93
387.93

392.41
392.41

393.41
393.41

392.91
392.91

00
950

377.91

+36 34 1/2 of 2 1/2 Sewer H 240.7 0287

1940

339.52
-1.0
100.
339.62
-0.9
75.
339.92
-0.8
50.
340.22
-0.8
25.
340.52
98
340.52
0.0
25.
340.72
+0.2
50.
341.52
+1.0
75.
341.22
+0.7
100.

Oct 11-30
F.S. 5507
Garber
Rorer
Pullen

Rt 16

+50

346.62
-1.0
100.
348.22
+0.6
75.
349.22
+1.6
50.
348.42
+0.8
25.
347.62
2.7
342.32
-0.3
25.
346.82
-0.8
50.
346.42
-1.2
75.
345.72
-1.9
100.

TP 0.42 350.82 11.59 349.90

+25 x

356.99
+1.4
100.
357.07
+0.0
75.
356.09
+0.8
50.
356.39
+0.8
25.
355.57
5.9
355.69.
+0.1
25.
354.49
-1.1
50.
352.79
-1.8
75.
351.39
-1.2
100.

TP 0.90 361.49 13.17 360.59

18+0

365.26
+1.6
100.
365.36
+1.7
75.
364.46
+0.8
50.
364.96
+1.8
25.
363.66
10.1
362.46
-1.2
25.
361.86
-1.8
50.
361.46
-2.2
75.
360.06
-2.6
100.

17+75

370.86
+0.8
100.
374.76
+4.1
75.
373.56
+2.9
50.
372.56
+1.8
25.
370.66
3.1
369.56
-1.1
25.
370.16
-0.5
50.
370.16
-0.5
75.
369.06
-1.6
91.

373.76

373.76

59+55

54

pt 19

+80

TP

651 356.45 038 349.94

+59

1070 ft of 2 - 2 Power Pole # 279345

+50

130 ft of 2 - Picket Fence

2040

339.92

+78

150 ft of 2 - Picket Fence

+54

450 ft of 2 - sly Picket Fence

19+50

350.32

351.65

351.45

350.55

350.45

350.65

350.75

350.25

350.35

350.45

119 560 FLY HOME House 410 41 101 25 60 102 25 00 50 -02 75 -01 990.16 -0.4 1190.11 1000 Con

349.92 350.42 350.02 349.91 349.92 350.22 350.22 350.02 350.42 350.02 349.72

00 92 105 75 101 45 00 25 0.4 25 103 25 103 50 101 75 105 100 101 125 102 135 100 Top

346.22 342.52 347.52 343.92 346.62 347.52 347.92 348.52 348.72 348.32

100 75 50 125 125 25 28 104 25 110 50 112 25 108 100 100 100 100 100

350.32

TP 1103 364.76 272 353.73

22+0
+92 25 ft of L = 2 8' Pine Tree
+96 37' 4" of L = 2 14" Fuct Tree
+89 30' 4" of L = 2 10" Pepper Tree
60' 4" of L = 2 6" Do. Pine Tree

+73.59

BM 4.80 351.65
L+T
Trojan
+6.12
351.67

+55.59 L Trojan

+37.59 = South Carb Line Trojan Hill
-5.4
14.1
50.4
14.4
Gut

21711

356.45

L. 18

349.75
352.15
353.95
353.95
352.74
352.59
352.17

346.65
348.55
350.45
351.65
352.38
351.24
351.31
351.56

346.87
348.55
350.61
351.80
352.16
351.89
351.63
351.60
351.27

346.13
346.51
347.53
348.01
349.69
350.25
351.09
351.53
351.69
351.93
351.70
351.19
351.28

351.25
351.45
351.25
351.85
351.35
351.35
350.95
350.95
350.65

356.45

356.45
-0.7
100.5
= W.V. Conc
Box

2410

+50

2340

+88

+85

+70

22428

80 ft of 2" x 2" Power Pole # 70404

30 ft of 2" x 2" 16" Elec. Pole

36476

24

24

RT

19

355.26	355.26	354.06	354.26	356.46	356.41	356.21	355.65	355.76	353.76
+1.4 75	*-1.0 43	-1.3 80	6.1 107.5 107.5 107.5 107.5	+0.38 15	+0.11 15	+0.10 15	+0.2 70	-1.7 75	
350.56	351.26	351.46	355.66	353.66	354.97	353.79	353.66	353.66	353.66
-1.4 75	-1.4 40	-1.2 100	9.1 15.0 107.5 107.5	-1.29 25	-1.27 35	-2.0 44	-2.0 70		
348.56	351.16	352.73	353.86	354.46	354.21	353.79	353.25	353.01	352.36
-1.6 90	-1.1 55	-1.3 40	10.9 130	+0.6 130	+0.35 220	-0.07 330	-0.6 430	-0.8 500	-1.4 770
353.16	353.56	353.16	353.16	353.56	353.44	353.16	352.40		
-1.6 90	-1.0 47	-0.43 110	11.0 135 135 135	+0.4 230	+0.28 10	0.0 50	-0.68 610		
			11.0 135 135 135						

TP 13.23 390.38 0.42 377.65

+12 60 Lts of $\frac{1}{2}$ - $\frac{1}{2}$ Porter Pale # 174011

+26 40

+50

+25 70

TP 12.88 377.47 0.17 364.59

+67 70 Lts of $\frac{1}{2}$ - $\frac{1}{2}$ Porter Pale # 70403

+50

24 11

= Sly. Mazonix Pale as RT

364.76

Lt.

Rt.

379.97

375.77

374.07

+1.9
750

+1.7
30.

24 +0.74
15

374.81

+1.79
40.71
10.71
10.71

-0.8
41

375.86

373.27

-0.7
75

373.37

+7.3
80

+1.1
40.

-0.7
77

76 +0.73
67

377.17

370.60

370.91

+1.14
40.71
10.71
10.71

372.27

370.00

372.47

+7.7
75

+2.8
60.

-0.7
80.

119 +0.84
67

373.27

366.41

366.66

+1.17
40.71
10.71
10.71

372.27

365.64

372.47

377.47

+2.6
75

+0.4
45

-1.4
10.

29 +0.51
67

365.46

362.37

362.60

+1.26
40.71
10.71
10.71

363.2

370.06

370.26

+2.6
75

-1.1
38.

-1.0
9.

58 +0.44
15

358.96

359.40

359.53

+1.29
40.71
10.71
10.71

360.25

359.6

358.16

364.76

541507

+50

+10

+15

70 lbs of $\frac{1}{2}$ = $\frac{1}{2}$ Power Pole # 70402

28+0

TP

12.53

102.50

0.41

389.97

+50

27+0

26+50

390.38

41

395.30

396.10

397.10

398.10

399.10

400.10

401.10

402.10

403.10

398.50

399.70

399.80

393.50

391.10

391.10

391.10

391.10

391.10

391.10

391.10

+71
75

+83
75

+84
14

+21
12

11.1

+312
5

+0.36
15

+0.37
15

+0.38
25

+0.39
50

+103
75

+111
40

+105
10

6.2

+0.42
5

+0.57
15

+0.47
15

+0.49
30

+0.50
50

+0.51
100

+0.52
200

374.98

396.78

397.78

391.18

382.88

383.38

383.68

383.68

383.68

383.68

383.68

+121
80

+139
57

+119
52

+83
10

7.5

+0.50
15

+0.50
15

+0.55
25

+0.70
50

+0.70
100

+0.70
200

386.68

387.58

381.98

378.48

379.06

379.29

379.29

379.29

379.29

379.29

+83
75

+61
57

+35
77

11.9

+0.58
15

+0.81
15

+0.16
45

+0.33
36

+0.17
40

+0.17
40

390.38

31+0

+60.5 140 Rt of L - L TCI Pole # 1482468

+50

+12.5 = NYC curb + walk on Rt. 404.08 Top curb 42 Rt of L

+21.5 430 Rt of L - L Power Pole # 270208

+18.5 170 L of L - L Power Pole # 70401

30+0

TP 1.43 406.81 0.12 409.38

+50

+08.5 = sly curb + walk on Rt

29+0

402.50

L

R

Rt.

22

398.81	400.11	401.71	402.31	402.79	402.95	402.75	403.71	404.01
-25 75	-22 31	-06 22	15	+048 5	+044 15	+044 25	+1.1 42	+17 75
				5-Willam Pole		20-Elmer Pole		

398.21	399.31	399.81	400.91	402.81	403.08	403.23	403.11	404.51	404.91
-17 75	36 60	31 30	10 20	39	+0.17 5	+0.22 15	+0.20 25	+1.6 40	+2.0 57

397.81	398.91	399.21	401.91	402.81	403.05	403.14	404.31	404.31	407.24
-50 75	30 55	31 36	-09 18	40	+0.24 5	+0.33 15	+0.24 25	+0.4 42	+1.95 42-16

396.50	405.40	400.50	401.40	401.50	401.49	401.36	401.70	402.19	402.40
-19 75	+10 49	-09 23	14	-0.4 5	+0.09 15	-0.04 25	+0.3 42	+0.28 42-03	+1.0 43

396.50	398.00	399.60	399.00	399.04	399.16	399.05	399.50	399.10	400.10
-25 70	10 41	+0.6 6	25	+0.04 5	+0.16 15	+0.05 17	-0.5 42	+0.1 47	+1.1 55
				5-Willam Pole			20-Elmer Pole		

402.50

B.M.

350

419.24

H.F.B.P.
Fl. Canyon
Dayton
419.31

TP

594

422.74

199

415.80

TP

1229

418.79

031

406.50

+ 89.7

South Curb Line Fl. Canyon Blvd. to West

Taken on Line of Fl. Canyon on Skew

-158
75'-00"
-317
75'-60"
-149
45'-00"
-213
45'-60"
-089
18'

398.38

399.79

397.47

398.83

400.07

400.94

401.57

402.36

403.37

404.03

+ 75

Taken on Skew

-31
100'
-24
75'
-16
46'
-06
20'-00"
-076
16'-60"

398.78

398.98

399.78

400.22

400.62

401.38

401.88

401.97

402.50

403.17

404.68

B.M.

483

401.98

D.S. & Co. Cont'd.
Fl. Canyon
457/15 Jt.

+ 60

Sk. Improvements on Fl. Canyon on Skew

Taken on Line of Fl. Canyon

-32
100'
-72
75'
-03
33'
+002
15'-00"
-066
15'-60"

398.75

399.25

401.65

401.98

401.29

401.95

402.31

402.18

402.28

402.87

403.85

31+30

-79
100'
-75
87'
-21
32'
-05
21'

399.41

399.81

400.21

401.81

402.31

402.49

402.64

402.45

403.21

403.71

406.81

406.81

Check Levels 54557.
University Ave. to El Cajon Blvd

O.K. 200 10-17-50

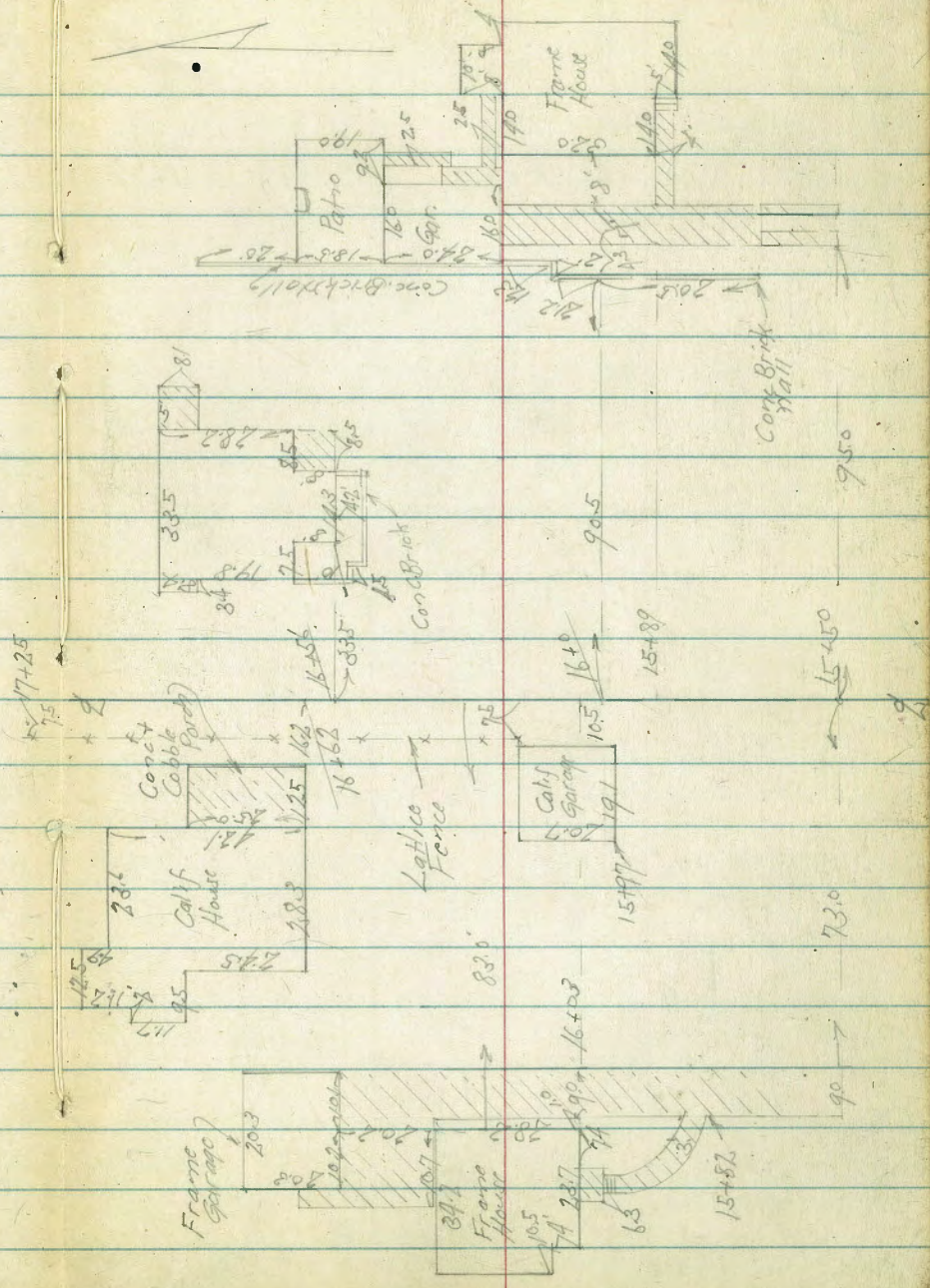
Oct. 5. 50
HS. 2507
Garber
Rorer
Pallas

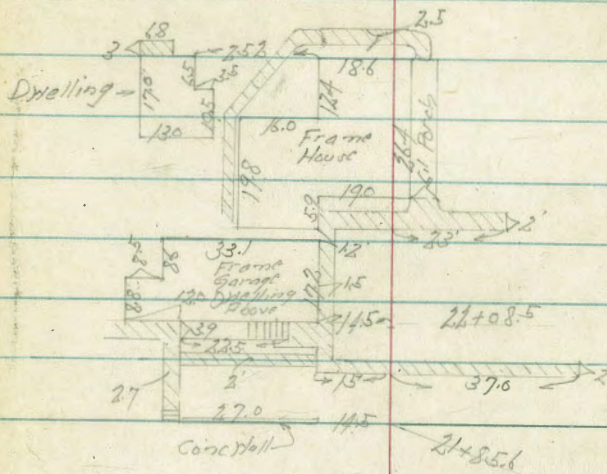
B.M.	11.08	321.10	310.02	H.W.B.P. University Ave 751725
	12.97	333.325	0745 320.355	
	12.125	345.950	0.500 332.825	
	12.14	359.01	0.03 345.90	
B.M.			11.15 347.89	072748 5450 54972
	12.145	372.085	0.10 358.94	
			1.67 370.465	07244 1040689
	12.650	381.185	2.55 368.535	
	12.21	391.72	1.665 379.520	
B.M.			3.57 388.22	S.F. Cor. 24 5166 Cone. Driv 108 84350 388.22
	0.95	379.90	12.78 378.95	
	0.605	367.84	12.115 367.235	
	0.89	356.065	12.165 355.175	
	7.20	354.59	8.675 347.39	
B.M.	10.02	361.68	2.99 351.66	S. L. & T. T. 1000 541255 (351.66) Records
	12.07	374.525	0225 361.455	
	12.485	386.520	0.490 374.035	
	12.75	399.235	0035 386.185	

399.235

B.M.	8.965	407.985	0.415	398.820	H.W.B.P. El Cajon 54557
	12.53	414.50	5.815	401.97	
	8.005	422.125	0.38	414.12	
B.M.			2.885	419.24	H.W.B.P. El Cajon 107 102 419.31
chisel square sly conc base of Thrifty Drug Sign SW Corner El Cajon and 54 th = 400.93					

Proposed 5495 St. Topog.

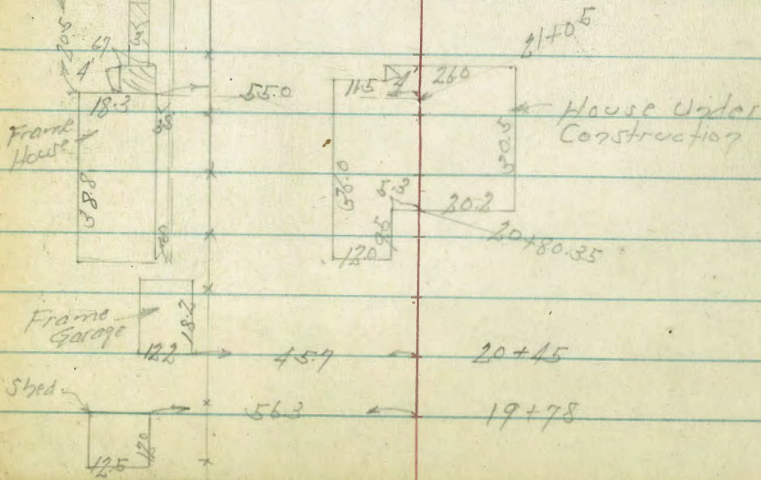




T. Trojan Ave

$21^\circ 55.59'$

Conc. Wall



Proposed Alignment 54th St
Chollas Road to University Ave

TP 21-138

148598 P.O.T.

0+00 = R.L. Line

INDEXED
MIX
OCT 24 1950

Oct 18-50
H.S. 1500
Garber
Rorer
Pulley
No #22048

3+58

3+93

54th St

Proposed

Concrete
paving

148598

946

0+00

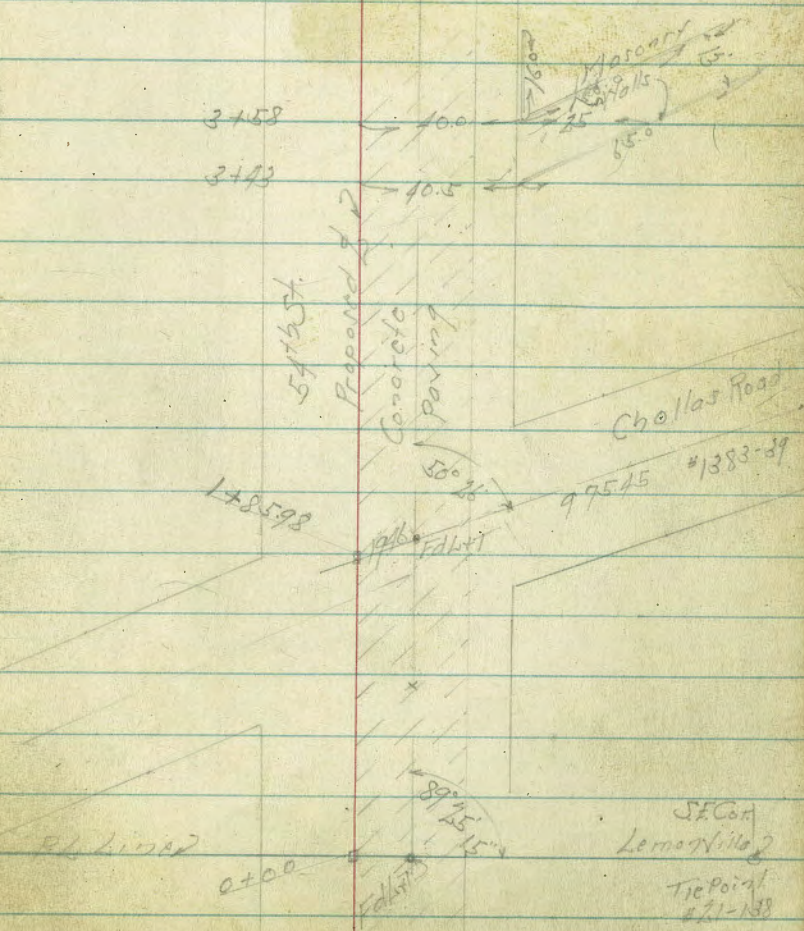
Follis

Chollas Road

99545 #1383-37

S.F. Con
Lemonville

Tie Point
#21-138



11+90.22 P.O.T

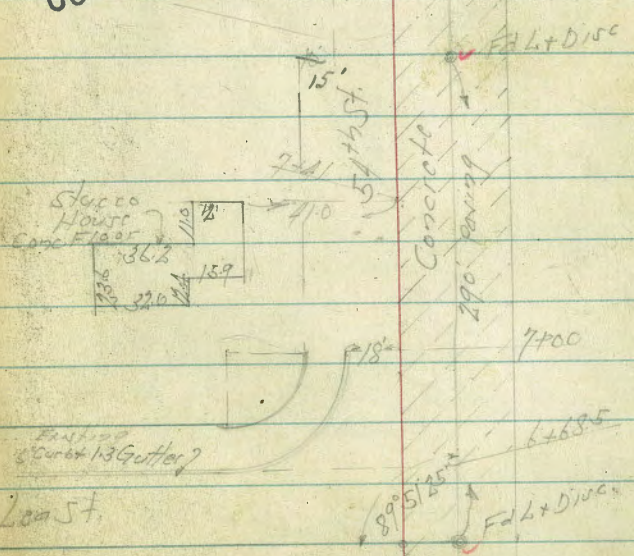
11+90.22

15' Fd Lt

Wightman

INDEXED
OCT 24 1950

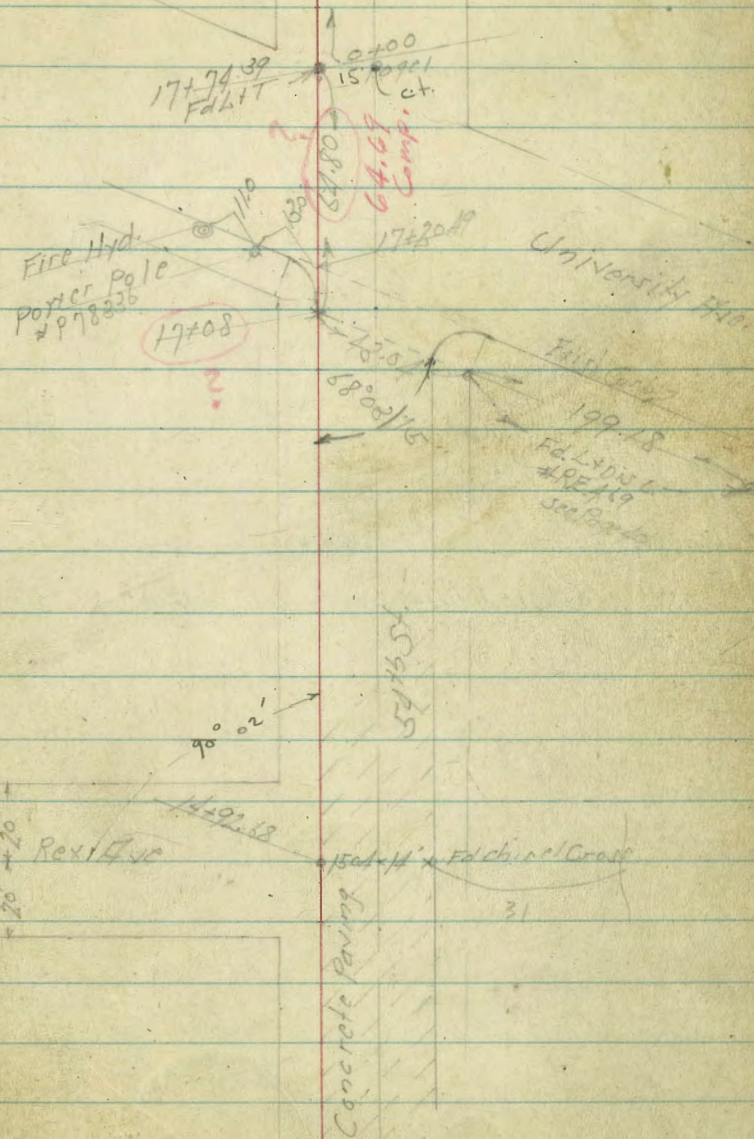
10' 15' 15'



17+74.39 = 0+00 North

INDEXED
WAX
OCT 24 1950

14+92.68 P.O.T.



Cross Section 5416 St.
Chollas Road to University Ave.

Plotted 2-15-56
(X-Section) MCH

+8598 = $\frac{1}{2}$ Chollas Road to East

Oct 19 50
Pt. Harbor
East Harbor
Porter
Pulley

30

47
West

241.9 240.9 243.1 247.2 246.91 247.21 247.21 247.1 245.7 245.5

-58 75 -60 46 -58 63 +0.0 6 6.99 +0.70 15 10.70 30 10.5 37 -1.2 60 -1.1 75

241.2 244.1 247.17 247.07 247.24 247.18 247.87 247.7 241.5 242.4

-59 75 -64 57 -0.3 8 6.99 +0.22 15 10.17 30 10.9 34 11.2 64 -1.1 75

+50

241.2 244.1 247.17 247.07 247.24 247.18 247.87 247.7 241.5 242.4

-59 75 -64 57 -0.3 8 6.99 +0.22 15 10.17 30 10.9 34 11.2 64 -1.1 75

+70

241.2 244.1 247.17 247.07 247.24 247.18 247.87 247.7 241.5 242.4

-59 75 -64 57 -0.3 8 6.99 +0.22 15 10.17 30 10.9 34 11.2 64 -1.1 75

+88 110 1/2 of $\frac{1}{2}$ Porter Pole # 70423

+77 390 1/2 of $\frac{1}{2}$ Tail Pole # 461182 H

+50

243.2 244.2 244.1 244.0 247.2 247.20 247.41 247.26 248.30 247.50 241.70 246.8 248.1

-40 75 -30 70 -3 37 -3.2 70 0 6 6.60 +0.21 15 10.06 30 11 34 47 -55 54 -81 75

0400 = PL. Line

243.1 243.5 244.9 244.08 248.18 247.18 247.18 247.31 247.22 248.28 247.0 243.8 247.9

-41 75 -37 55 -2.3 39 3.1 17 11.0 6 0 6 6.47 +0.13 15 10.04 30 11 34 52 -10.2 63 -113 75

243.80

BM 583 253.80

247.97

Top Cont
14 2/2 87
0 2/2 110 Cr.
15 2/2 13 58
1552 46

4+0
+96 490 Pt of L - L 15" Pepper Tree
TP 13.26 267.06 0.00 253.80

+83 370 Pt of L - L TC1 Pole #461181H

+58

+43

+41 440 Pt of L - L 20" Euc. tree

8+0

+57 360 Pt of L - L Fire Hyd.

+50

+38 8.5 L of L - L Parrot Pole # 170639

+30 380 Pt of L - L TC1 + Parrot Pole # JP 17034

8+16

253.80

Lt.

L

Rt

(3)

259.7
+2.7
94-66
259.15
259.1
259.7
259.7
260.5
267.4
257.50
257.70
257.59
258.3
254.9
755.8
+1.65
75
+1.6
75
+2.2
50
+1.7
24
+3.0
9
-0.1
1
956
+0.28
15
+0.09
30
+0.8
45
+3.6
44
+1.7
75

255.9
257.1
254.7
254.7
254.7
255.2
253.6
253.6
253.39
253.39
253.2
253.3
253.7
249.6
249.2
+1.7
75
+2.9
41
+0.5
5
0.0
6
+0.7
15
+0.30
15
+0.15
30
0.0
90
-0.5
85
-1.6
88
-5.0
75
+2.6
75
+2.6
84
-0.2
38
+0.6
5
0.77
15
+0.36
15
+0.20
30
+0.2
35
+0.7
40
+0.7
40
-0.1
91.5
-1.8
75
257.3
245.3
245.8
246.4
245.4
250.7
250.31
250.65
250.59
250.5
246.9
246.3
+2.0
75
-5.0
67
-4.5
52
-3.7
35
-4.7
15
+0.4
5
19
15
+0.34
15
+0.28
30
+0.2
33
-3.1
75
-4.0
75

242.10
243.6
245.5
248.4
248.10
248.39
248.37
248.6
248.3
248.1
-6.0
75
-4.5
42
-3.6
9
+0.2
5
570
15
+0.27
15
+0.22
30
+0.5
38
+0.2
59
0.0
75

241.9
242.4
244.0
247.4
247.27
247.49
247.53
248.12
247.7
246.9
-5.3
75
-4.8
47
-3.2
12
+0.2
6
658
15
+0.27
15
+0.31
30
+0.9
41
+0.5
61
-0.3
75

253.80

+50.30 = 1/2 least to west

275.8
-1.7 100. 7.5 80. -0.9 46. -0.7 15. 1.79 15. +0.37 30. 10.15 30. +0.2 33. -5.7 45. -8.7 75. 276.0 276.6 276.8 277.57 277.89 277.67 277.7 277.8 268.8
Fly Conc

640 380 Rt of 1/2 - 1/2 Tal Pole # P278626

273.58
+0.27 88. 10.4 69. +0.2 38. +0.6 8. -0.3 4. 1.00 15. +0.4 30. +0.26 35. -5.1 150. -6.8 75. 273.7 273.6 273.9 273.0 273.31 273.77 273.57 273.6 268.21 267.0
Fly Conc

+62 395 Rt of 1/2 - 1/2 12' Fac Tree Also Sly Wire Fence

270.05
+0.6 88. 10.2 63. +0.7 35. +0.7 8. -0.5 4. 9.90 15. +0.32 30. +0.12 33. +0.7 36. -2.0 45. -1.1 75. 269.6 270.1 268.9 269.41 269.73 269.53 270.11 267.4 265.3 265.28
Fly Conc

+50 102 Rt. of 1/2 - 1/4 Stucco House

267.05
+1.49 88. 11.00 38. 10.4 55. +0.8 38. +0.6 9. -0.3 4. 1.50 15. +0.21 30. +0.06 34. +0.3 37. -0.6 51. -1.1 75. 265.56 265.77 265.62 265.06 267.96 264.5
Fly Conc

+36 385 Rt of 1/2 - 1/2 Tal Pole # 461180 H

279.81

TP 12.51 279.315 0.255 266.805

+21 590 Rt of 1/2 - 1/2 14' Camp
+08 490 Rt of 1/2 - 1/2 10' Camp Tree

540

+96 580 Rt of 1/2 = 1/2 8' Camp "

+81 590 Rt of 1/2 = 1/2 12' Camp "

+64 596 Rt of 1/2 - 1/2 18' Fac Tree

262.12
+1.04 88. 10.7 84. +0.2 46. +0.3 29. +0.3 12. +2.1 8. -0.1 4. 5.46 15. +0.20 30. +0.07 38. +0.4 55. +0.1 75. 267.64 262.3 261.9 262.90 263.7 261.5 261.60 261.80 261.67 262.8 262.0 261.7
Fly Conc

+63 90 Rt of 1/2 = 1/2 Porter Pole 70422
+50

267.06

8+0

Δ 287.6
 Δ 288.0
 Δ 287.4
 Δ 289.8
 Δ 289.62
 Δ 289.90
 Δ 289.71
 Δ 290.8
 Δ 287.0
 Δ 292.0
 Δ 294.2
 Δ 293.1
 Δ 291.2

+75

Δ 285.3
 Δ 285.5
 Δ 286.6
 Δ 287.7
 Δ 287.61
 Δ 287.90
 Δ 287.67
 Δ 288.8
 Δ 289.2
 Δ 289.4

+50

Δ 280.6
 Δ 280.5
 Δ 285.7
 Δ 285.63
 Δ 286.00
 Δ 285.71
 Δ 286.13
 Δ 278.8
 Δ 277.4

+41

110 ft of 2- N.T. Cor. Stecco House

+01

390' ft of 2- TCI Pole # 161179H

30' ft of 2- Power Pole # 70431

7+0

114' Carb Return on St.

Δ 279.6
 Δ 280.1
~~282.21~~
 Δ 281.68
 Δ 281.2
 Δ 281.60
 Δ 282.07
 Δ 281.71
 Δ 281.90
 Δ 279.8
 Δ 279.4

+84

Δ 277.7
 Δ 279.2
 Δ 280.86
 Δ 280.36
 Δ 279.3
 Δ 279.9
 Δ 280.23
 Δ 280.64
 Δ 280.40
 Δ 280.5
 Δ 277.7
 Δ 277.1

TP

1216

292.115

0.86

278.955

293.11

6+68.5

North Carb Line Loc. St. to West

Δ 276.70
 Δ 276.19
 Δ 278.35
 Δ 277.87
 Δ 279.0
 Δ 278.4
 Δ 278.1
 Δ 279.00
 Δ 279.38
 Δ 279.15
 Δ 279.3
 Δ 277.4
 Δ 270.6

279.315

279.31

+15 39 RT of L - L TCI Pole # 461177 H
10+10 1404/100

310.9 335.9 331.4 327.7 305.7 305.67 305.56 304.9 305.5 304.05 304.55 302.1
+25.4 +20.4 +25.9 +19.2 +0.2 12.88 +0.27 +0.11 -0.6 0.0 -1.4 -0.9 -0.4
80 63 44 18 7 15 39 35 37 45 83 75
FLYCON
Pole

+83 41 RT of L - L M'Fuc Tree
TP 13.26 318.33 0.14 305.07

332.9 327.5 321.9 318.1 301.59 301.59 301.77 301.15 301.2 299.8 300.4 298.4
+26.2 +25.9 +20.3 +15.0 0.0 0.67 +0.18 +0.06 -0.4 -1.8 -1.2 -0.5
100 69 38 20 7 15 30 38 46 65 75

+78 41 RT of L - L M'Fuc Tree
+76 8 41 of L - L Pomer Pole # 70420
+50

306.9 306.9 308.1 306.5 307.8 297.3 297.64 297.83 297.73 297.9 297.94 296.54 294.04
+9.2 +9.2 +10.5 +8.9 +10.2 -0.3 7.57 +0.19 +0.09 +0.3 +0.3 -0.6
90 63 35 27 14 8 15 30 37 44 75

9+0
+58 390 RT of L - L TCI Pole
+50

294.2 294.5 295.8 291.6 293.0 294.4 294.2 291.1 288.4
+0.6 +0.9 +2.2 11.57 +0.27 +0.16 +0.8 +0.6 -1.5 -5.2
75 45 12 15 30 36 55 87 75

TP 13.185 305.21 0.09 292.025

288.0 288.0 289.5 292.04 292.39 292.16 292.5 292.9 294.4 286.4
-4.0 -4.0 -2.5 0.67 +0.35 +0.14 +0.5 +1.9 +1.1 -1.6
75 53 30 15 30 36 45 80 75
FLYCON
Pole

8+30
292.115

292.11

Lt.

Rt

+80 380 Pt of $\frac{1}{2}$ = $\frac{1}{2}$ Tel Pole # 307932 H

+150		331.2	327.2	318.6	314.1	314.23	314.48	314.18	314.5	309.2	302.7
		+179	+100	+111	-0.1	9.79	+0.25	-0.05	-0.7	-5.0	-11.5
		75	43	120	6	15	30	36	46	75	

14+0		332.6	330.3	328.8	327.6	327.7	320.9	315.8	315.70	314.08	315.6	315.0	307. X	302.5
		+179	+111	+131	+119	+90	+5.3	+0.1	8.32	+0.28	-0.10	-0.7	-8.3	-13.3
		75	64	62	53	36	12	8	15	30	36	47	75	

+50		334.9	329.2	327.5	322.8	317.6	317.19	317.52	319.17	316.7	309.8	304.2
		+127	+120	+10.3	+56	+0.4	6.83	+0.23	-0.02	-0.5	-7.1	-13.0
		75	58	33	15	7	15	30	36	48	75	

+41 70 Lt of $\frac{1}{2}$ = $\frac{1}{2}$ Power Pole #170657

+22 380 Pt of $\frac{1}{2}$ = $\frac{1}{2}$ Tel Pole # 472481 H

13+0		335.2	331.5	326.0	319.0	318.65	318.88	318.77	318.4	312.56	307.56
		+16.5	+128	+7.3	+0.3	5.36	+0.27	+0.11	-0.3	-5.1	-11.1
		75	58	150	8	15	30	36	47	75	

12+50		338.2	334.8	326.1	320.4	320.14	320.35	320.22	320.4	316.1	310.3
		+181	+147	76.0	+0.3	5.28	+0.21	+0.08	+0.3	-4.0	-9.8
		75	58	13	8	15	30	37	47	75	

324.025

324.02

30. FH Conc
Pole

Locust + Ingelow

Locate + check Elev. of curbs
sly. from Ingelow, on
Ely side Locust.

Location of property lines from
T.P. sheet # 706

B.M. = S.W. Prop. + T.L. + T. Fenelon + Locust
E.L. = 1221 (G.B. 231)

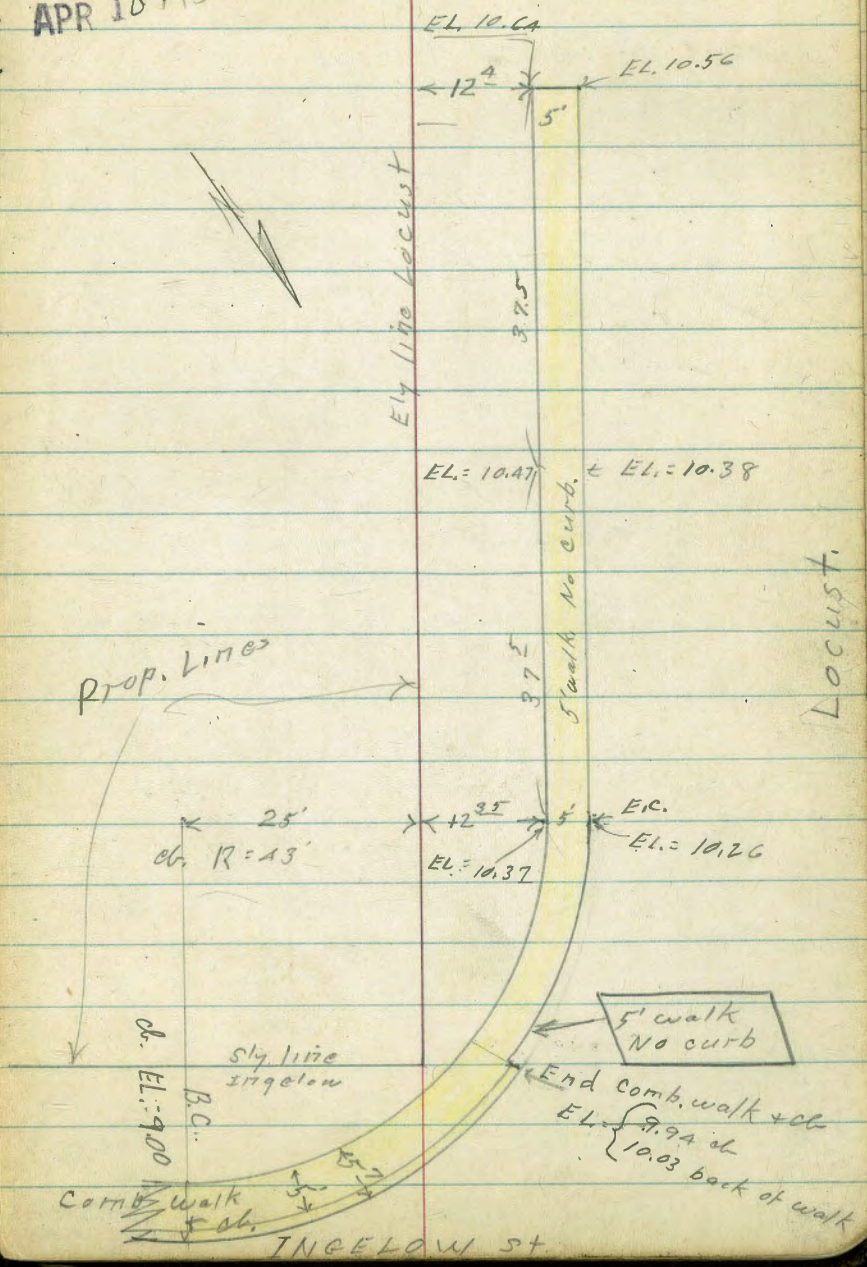
Check S.W. B.P. Fenelon + Locust.

Made E.L. = 12.00 -

(Please check this Elev. I do not
have it)

INDEXED

APR 10 1954



Proposed Right of Way South East
University Ave. + 54th St

INDEXED

JUL 2 1951

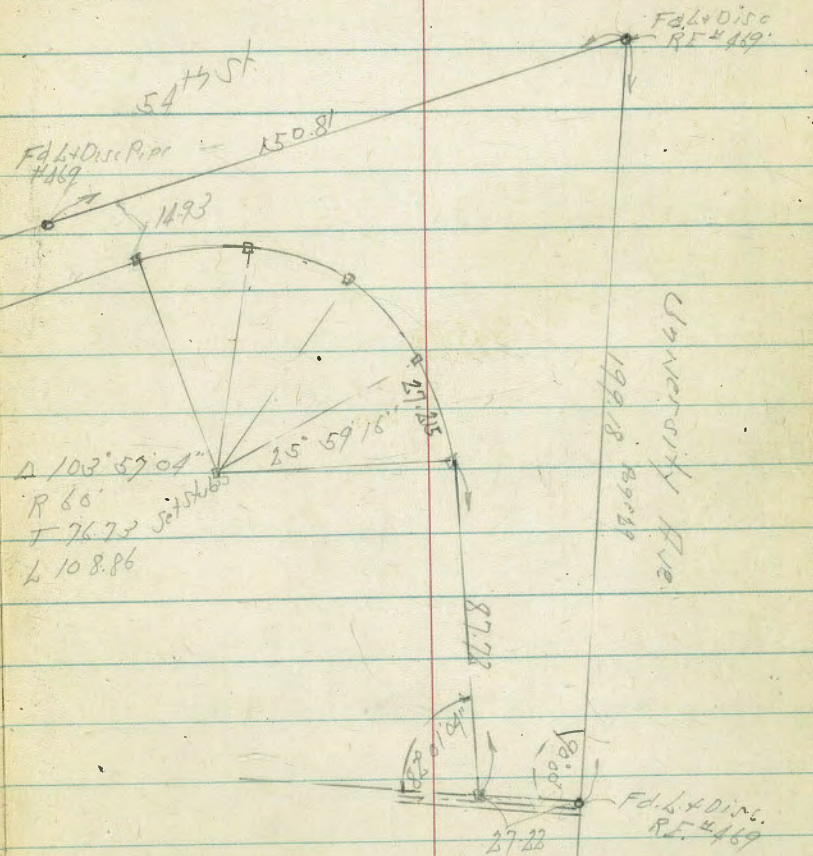
Desafar
Hob5ct

June 28. 51

P. Sisson
Rorer
Bertolucci
Fritz

W.O. 22098

40



Re Survey of Lots 32-33-34 Block 5
Berkeley Heights

Fd Hubs
+ Disc

INDEXED

JUL 2 1951

1576-21
642.47

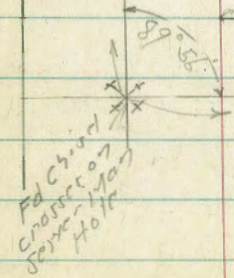
2775 x 2775
132.70
1
2
3
4
5

320.50
+0.20

15
132.80

580 ft.

10 25 315



20
120

642.72

H 1553-1
G 239-1

June 29-51 4)
H.S. Swan
Rorer
Berkeley
Fritz used
set on
H.O. 20006 Univ. H. A.

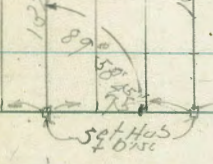
Rex Ave.

Hubs

12 23 25 31

Fd 1/2 Pipe
REGD
75
Fd 1/2 Pipe
REGD
2775

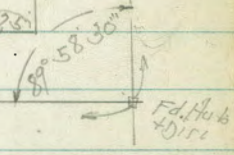
35 34 33 32 31 30 29 28 27 26 25 24



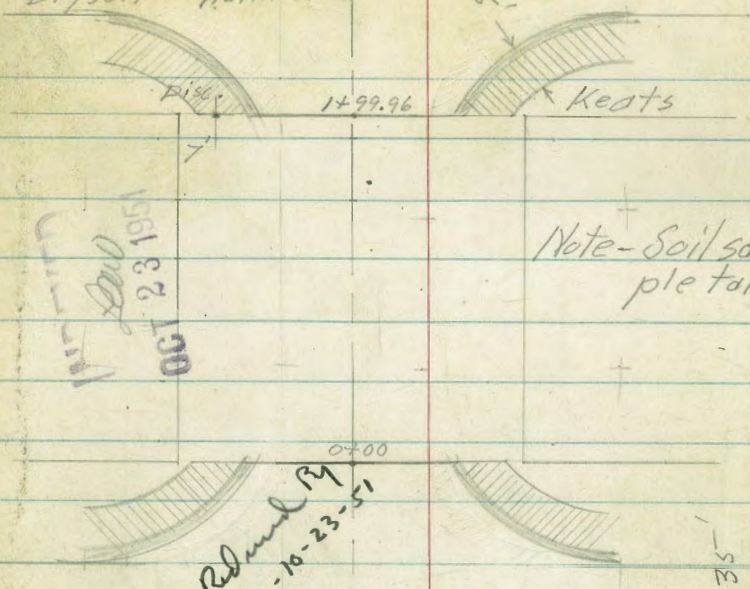
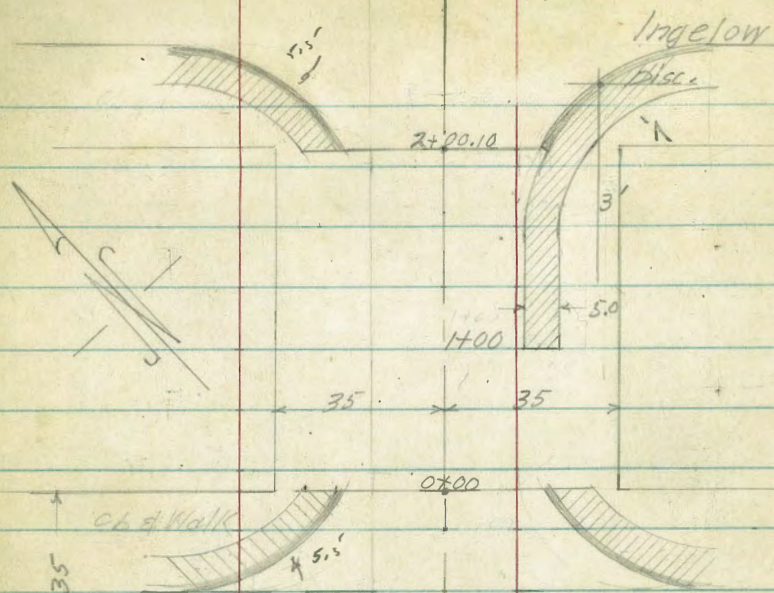
541/06 Road

320.50
1576-20
1503-1

Rightman St.



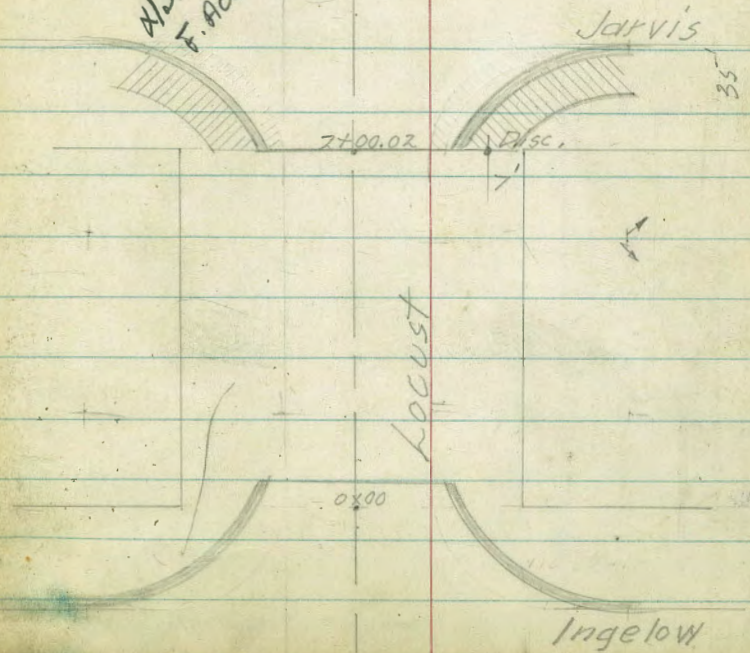
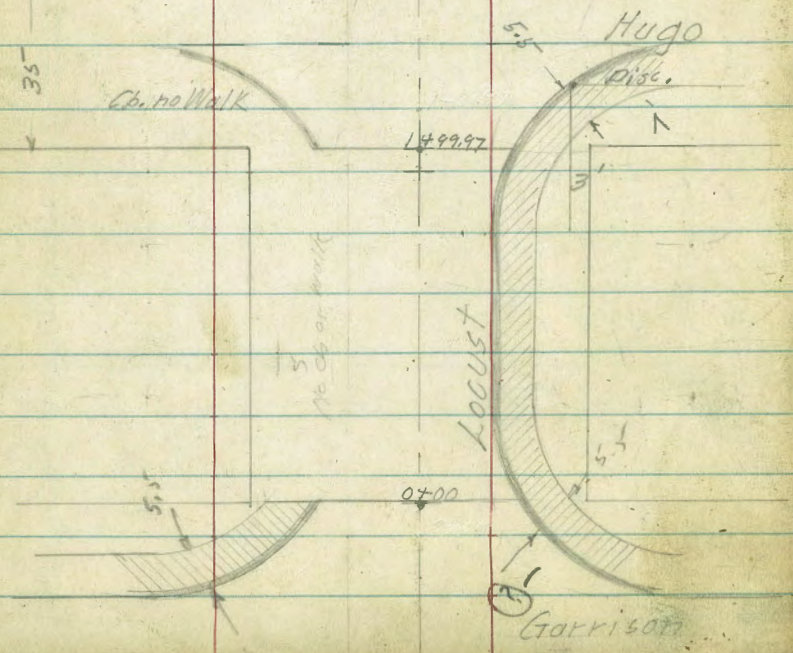
Garber 10/18/51
Shepard T. W.O. 31936
Bruener
Bryson Warm-Clear



Note - Soil sample taken.

OCT 23 1951

Note Returned by F. Acme - 10-23-51



1700

L7,

13.1	12.1	10.9	10.5
1.7	2.7	3.9	4.3
35	24	17	

10.0	10.72	10.79	9.9
4.8	4.17	4.05	4.9
17	17	22.6	35
G	Cb	Walk	

43

+74

2 Conc. Apron 15.5 Garage

14.24	13.52
0.70	1.32
39	33.6
Fl.	

240.70
679.05
179.71

+52.5

2 18" Drive (Double Garage)

13.4	12.3	11.0
1.4	2.5	3.8
35	27	17

9.84	10.53	9.84
5.00	4.31	5.00
17	22	35
Fl.		

+51

2 4.5 Cement Walk

13.44	12.74	13.2	12.1	11.0	10.8
1.40	2.10				
35	27.8				

9.84	10.38	10.44
5.0	4.16	4.90
17	17	22.3
G	Cb	

+24

1.4	2.7	3.8	4.0
35	26	17	6

5.0	4.16	4.90
17	17	22.3
G	Cb	

0+00

Ely Prop. L Garrison - End of Curb

11.34	11.19	10.57	10.26
3.50	3.65	4.27	4.58
30.7	25	25	25
Cb		G	G

9.46	10.44	10.12
5.38	4.80	4.72
25	25	30.9
G	Cb	

0-18

Curb Line

11.48	11.04	12.54	11.84	10.93	10.44	10.06
0.15	0.80	2.30	2.96	3.91	4.40	4.78
100	100	60	60	35	17	
Cb	G	Cb	G			

9.48	9.47	9.75	9.34	7.57	8.15
4.98	5.37	6.09	5.48	7.33	6.29
17	35	60	60	100	100
		G	Cb	G	Cb

0-35

2 Garrison

11.63	11.25	10.70	10.36
0.57	3.09	4.14	4.48
100	50	17	

9.48	9.24	7.48
4.96	5.56	6.98
17	50	100

12.09

14.84

2.75 5 W/4 BP Rose crans Garrison

14.84

6.73 ✓ 18.60 ✓
 Wly end return
 D. 50 Wly Cor. (14.84) * 2.97 ✓ 11.87 ✓
 +18- Wly Curb Line Hugo St, 14.89
 10.05 0.98 1.59 2.10 3.09 3.72 4.06 4.45 4.79 5.47 5.01 6.60 6.12
 100 60 60 35 17 17 35 35 60 60 100 100
 Cb G Cb G Cb Cb Cb Cb Cb Cb Cb

2405 30.5 Lt. Power P# 1498.
 +99.97 12.3 11.45 11.37 11.27 10.93 10.59 10.35 10.45
 2.3 2.99 3.47 3.57 3.91 4.25 4.49 3.96 3.92
 35 24.6 24.6 17 17 17 25 25 32.3
 Cb G Cb G Cb G Cb Walk

+77 12.0 11.4 10.7 10.7 10.3 11.05 11.35
 2.8 3.4 4.1 4.1 4.5 3.76 3.69
 35 20 17 17 17 17 22.3
 Cb Cb Walk

(7) +50 12.2 10.5 10.6 10.37 14.96 9.99
 2.6 4.3 4.2 4.47 3.98 4.86
 35 17 17 23 35
 HP HP P# P# P# P#

+42 E Drive 18' Double Garage 10.84 10.83 9.95
 4.50 4.01 4.86
 17 23 35
 Fl.

1+11 32 Lt. Power P# 1478 14.84
 7

Lt.

Rt.

+26 \$ 15.6 Conc. Apron 35.2 Lt

14162
3.92 5.08
37.7 35.2
Fl.

+16.5 End 3rd Board Fence

13.6 13.4 12.6 12.1 11.2
5.0 5.2 6.0 6.5 6.8 7.91 7.83
35 34 17 11 17.7 23.4
6.2 11.14 10.77

1+00 Begin 5th Cement Walk Rt. End Pickit Fence Begin 3rd Board Fence

+88 \$ Conc. Apron 35.3 Rt. 20' Wide

14163 1404
3.97 4.56 7.46 7.32
45.2 34.7 35.3 40.1
Fl.

+66 \$ Conc. Apron 34.7 Lt. 7' Wide

+50

13.8 13.0 12.4 12.1 11.4 11.3
4.8 5.6 6.2 6.5 7.2 7.3
35 17 12 17 35

0+00 Begin 2' Pickit Fence 34.3 Lt.

12.18 12.46 11.00 11.41 11.14 10.61 10.32 10.11 10.80
6.47 6.54 7.00 7.15 7.46 7.99 8.28 7.79 7.80
31.4 25 25 17 17 25 25 31.4
Walk Cb G Cb Walk

0-18 Curb Line

15730 1473 13162 1303 11.55 11.01 10.65 9.86 9.46 8.10 8.55
3.30 3.87 4.98 5.57 7.15 7.59 7.95 9.24 8.74 10.50 9.95
100 100 60 20 17 17 60 60 100 100
Cb G Cb G Cb G Cb G Cb

0-35 \$ Hugo

14191 1218 1144 110 8.55
3.69 5.82 7.46 8.60 10.05
100 50 50 100

18.60
7

Lt.

Rt.

+35- & Ingelow

13.85	11.61	10.35	9.84	9.55	9.02	8.94
3.22	5.45	6.75	7.26	7.55	8.08	8.94
100	50	17		17	50	100

+18 Curb Line

14.24	13.69	12.55	11.93	10.41	10.00	9.61	8.53	9.11	7.80	9.38
2.86	3.42	4.55	5.17	6.69	7.10	7.49	8.57	7.99	9.30	8.72
100	100	60	60	17		17	60	60	100	100
cb	6	cb	6				6	cb	6	cb

5.92 17.10

18.60 242 11.18

+04 31.2 Lt. Power Pole # 1548

12.1	11.80	11.17	10.69	10.52	10.20	9.79	9.56	9.85	9.98
6.0	7.30	7.43	7.91	8.08	8.40	8.81	9.04	8.72	8.62
35	31.7	25.5	25.5	17		17	25.2	25.2	32
Walk	cb	6					6	cb	Walk

2+00.10 Wly Prop. L Ingelow

+75

13.7	12.4	12.0	11.3	10.9	10.1	10.40	10.58
4.9	6.2	6.6	7.3	7.7	8.5	8.20	8.10
35	26	17	7		15	17.7	22.7
						Walk	Walk

+62.5 & 3.5 Cement Walk 30.5 Lt

13.96	13.02	11.3	10.9	10.1	10.40	10.58
4.64	5.58					
39.5	30.5					

1750

13.6	12.8	12.2	11.3	10.5	10.41	10.58
5.0	5.8	6.4	7.3	8.1	8.13	8.02
35	30	17		11	17.7	22.7

+30 23.6 Conc. Apron 34.7 Rt.

+76 Begin Conc. Apron 32.0 Lt.

1+00

+93.5 End Conc. Apron 27.7 Rt.

+57 Begin Conc. Apron 27.7 Rt.

+50

+27 3.0 Cement 35.3 Lt.

+25 3.6 Cement Walk 28.6 Rt.

0+00

Ely Prop. Line Inge low

0-18

Ely Curb Line Inge low

LT.
12.28
4.90
48
Fl.

11.52
5.58
32

10.04
7.06
34.7

Rt.
10.08
7.02
42.1
Fl.

11.4
5.3
35

11.1
6.0
17

10.7
6.4
13

10.8
6.3

10.2
6.9
10

10.6
6.5
14

10.5
6.6
17

10.2
6.9
35

10.35
6.75
27.7

10.47
6.63
46

10.29
6.81
27.7

10.48
6.67
46.0

12.1
5.0
35

11.3
5.8
17

10.9
6.2
14

10.9
6.2

10.3
6.8
10

10.5
6.6
13

10.5
6.6
17

10.3
6.8
35

12.18
4.92
35.3

12.0
5.1
35

11.3
5.8
17

10.7
6.4
16

10.6
6.5

10.1
7.0
9

10.4
6.7
12

10.6
6.5
17

10.29
6.81
28.6

10.29
6.81
35

11.3
5.8
35

10.58
6.54
25
Cb

10.03
7.07
25
6

10.07
7.03
17

9.88
7.22

9.36
7.74
17

9.42
7.92
25
6

9.45
7.45
25
Cb

9.9
7.2

13.72
3.38
100
Cb

13.14
3.96
100
G

12.04
5.06
60
Cb

11.52
5.58
60
G

10.42
6.88
17

9.22
7.28
17.10

8.40
7.70
17

8.44
8.46
60
G

8.95
8.15
60
Cb

7.64
9.46
100
G

8.16
8.94
100
Cb

0+00

Ely Prop. Line Jarvis

9.76	Lt.	9.65-	9.20	9.02	8.92	8.44	8.24	8.24	8.21
6.85	6.96	7.41	7.55	7.69	8.13	8.33	7.76	7.80	
32.3	25	25	17		17	25	25	32.2	
Walk	Cb	G.				G	Cb	Walk	

0-18

Ely Curb Line - Jarvis

12.17	11.44	10.44	10.17	8.95-	8.63	8.43	8.05-	8.02	7.41	7.88
4.44	4.97	5.93	6.44	7.66	7.98	8.18	8.56	8.05	9.20	8.73
100	100	60	60	17		17	60	60	100	100
Cb	G	Cb	G				G	Cb	G	Cb

+35

11.85-	10.05-	8.91	8.28	7.68
4.76	6.56	7.70	8.33	8.93
100	50		50	100

+18

Wly Line Jarvis

11.43	10.68	10.09	8.83	8.56	8.39	7.89	8.41	7.40	7.94
4.98	6.93	6.52	7.78	8.05	8.22	8.72	8.20	9.21	8.67
100	60	60	17		17	60	60	100	100
G	Cb	G				G	Cb	G	Cb

+03

30.7 Lt. Power P. #15-98

7.04
16.61

16.61

17.10 7.53 9.57 ✓

2+00.02

Wly Prop. L - Jarvis

10.7	9.72	9.56	9.08	8.90	8.81	8.43	8.27	8.25-	8.82
6.2	7.38	7.54	8.02	8.20	8.24	8.67	8.83	8.35	8.28
35	32.6	25	25	17		17	25	25	32
Walk	Walk	Cb	G				G	Cb	

+55

End Conc. Apron 32.0 Lt.

12.20	11.38
4.90	5.77
48	32

1+50

11.82	10.9	10.3	10.3	9.4	10.1	10.2	9.8
5.48	6.2	6.8	6.8	7.3	7.0	6.9	7.3
32.0	17	13	13	10	13	17	35
Conc. Apron							

+18

2+03

+99.96

+50

RP

+16

1+60

+50

+25

29.0 Lt. Power P. #1648

Wly Prop. Line Keats

16.43

16.61

27.0 Conc. Approx 35.1 Rt

30.3 Lt. Power P. #1629

Lt.

Rt.

49

13.76	13.28	12.29	11.88	11.34	11.17	10.87	9.79	10.43	9.45	9.92
2.67	3.15	4.14	4.55	5.09	5.26	5.56	6.46	6.00	6.98	6.51
100	100	60	60	17		17	60	60	100	100
Cb	G	Cb	G				G	Cb	G	Cb

11.50	11.29	10.87	10.96	10.86	10.38	10.21	10.23	10.73
4.93	5.14	5.56	5.47	5.57	6.05	6.22	5.70	5.70
32.1	25	25	17		17	25.1	25.1	32
Walk	Cb	G				G	Cb	Walk

11.5	11.1	11.1	11.3	10.7	10.7	10.9
4.9	4.8	5.3	5.1	5.7	5.7	5.5
35	17	11		11	17	35

16.43

10.46
6.15
35.1
6.00
41
Fl.

11.4	11.8	11.1	11.4	10.4	10.7	10.2
5.0	4.8	5.5	5.2	6.2	5.9	6.4
35	17	11		11	17	35

11.6	11.6	11.0	10.4	10.9	10.4	10.8	9.9
5.0	5.0	5.6	6.2	5.7	6.2	5.8	6.7
35	27	17	12		11	17	35

11.7	11.6	10.4	10.0	9.7	10.1	9.7	10.1	9.6
4.9	5.0	6.2	6.6	6.9	6.5	6.9	6.5	7.0
35	29	22	17	12	16.61	11	17	35

5.28 8.64 5.90

3.03 14.81 11.45

16.43 4.65 11.78

SWBP
Rosecrans
Garrison
Rec. 2.75

OK F.19
10-23.51

+35

L Kedz

13.80	12.14	11.52	10.57	9.84
2.63	4.29	4.91	5.86	6.59
100	50		50	100

10.43

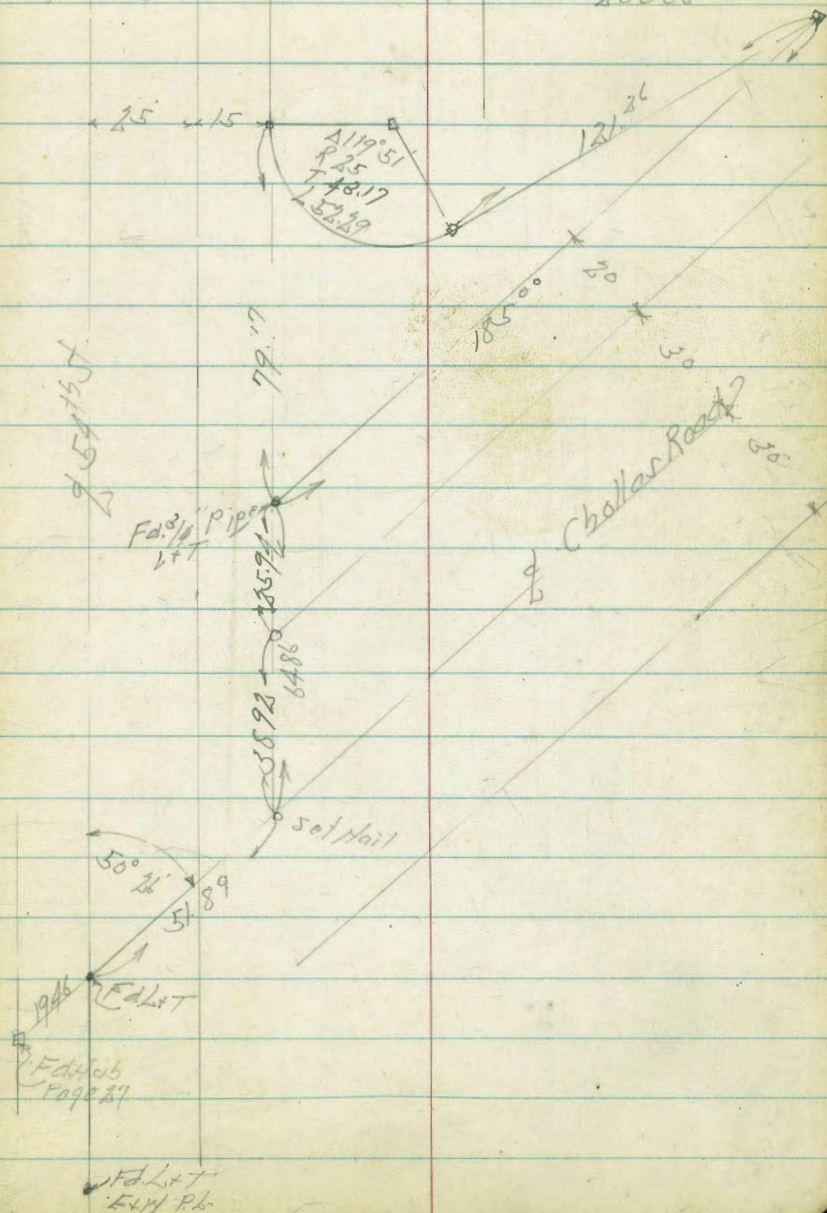
Proposed Opening North East Corner
54th St + Chollar Road

INDEXED
Law
NOV 13 1951

Denotes
Hab Set #
4206-B

Nov. 10-51
P.S. 5500
Rorer
P.S. 5500
H.O. 20000

51.



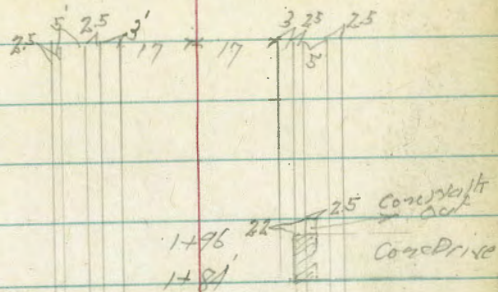
Cross Section Maxima Drive
Capistrano St. to Chatsworth Blvd.

Nov. 16-51
H. Sisson
Rorer
Bishop

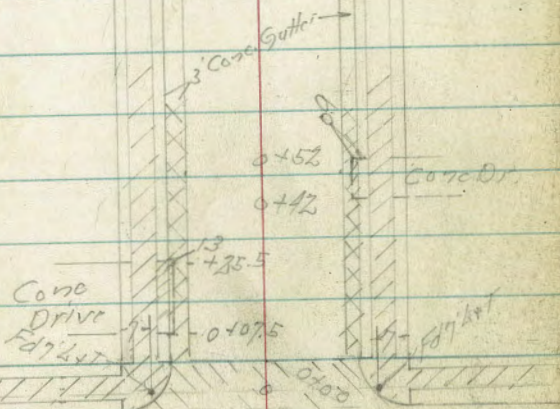
W.O. 32087

Chatsworth Strip Paving
H.C. Paving
Blvd.

INDEXED
Law
NOV 16 1951

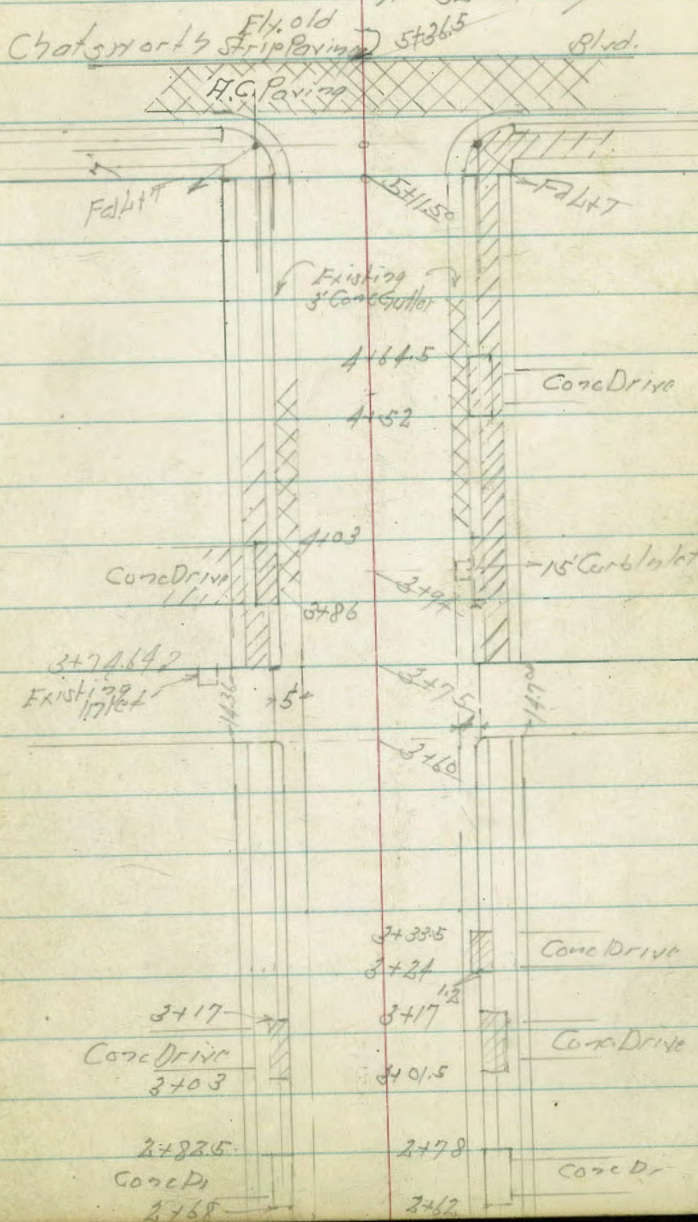


Concrete Drive
4+17.40
1+25



Capistrano St.

H.C. Paving



Concrete Drive
3+03

Concrete Drive
2+82.5
2+78
2+68

Concrete Drive
3+39.5

Concrete Drive
3+24

Concrete Drive
3+17

Concrete Drive
3+03

Concrete Drive
2+78

Concrete Drive
2+68

Concrete Drive

15' Curbed Sidewalk

Concrete Drive

Concrete Drive

Concrete Drive

Warner Drive

Lt. South

Rt. N 53

TP 8.41 99.97 0.57 91.56

+80

92.7	92.48	91.50	91.69	91.3	91.0	94.4	94.33	94.11	91.08	90.8
+0.6 30	+0.35 20.1 Cb	0.63 20.1 Gut	0.41 17.1 Gut	0.8 10	11	17 10	1.80 17.0 Gut	2.01 20.0 Gut	1.05 20.1 Cb	1.3 30

89.4	87.16	88.17	88.37	87.7	82.3	84.9	86.74	86.50	87.46	87.5
2.7 30	2.97 20.0 Cb	3.96 20.0 Gut	3.76 17.0 Gut	4.4 10	4.8	5.2 10	5.39 17.0 Gut	5.63 20.0 Cb	4.67 20.1 Cb	4.6 30

86.32	85.8	85.74	85.49	84.76	84.19	83.74	83.58	84.26	84.26
5.81 30.0 Gut	6.4 20.0 Cb	6.71 20.1 Gut	7.04 10	7.27	7.94 10	8.14 20.1 Gut	8.15 20.1 Cb	7.87 30.0 Gut	7.87 30.0 Gut

85.8	85.37	84.43	84.56	84.11	83.94	83.17	82.96
6.19 21.6 Cb	6.26 21.6 Gut	7.20 10	7.57	8.03 10	8.19 21.4 Gut	8.16 21.4 Cb	

86.03	85.57	85.22	84.39	83.66	83.17	82.76
5.10 30.0 Gut	5.56 30.0 Gut	6.91 10	7.24	8.47 20	8.96 30.0 Gut	8.17 30.0 Gut

0+0 - N.L. Capistrano

Reduced + Plotted
H. Mills
11-16-51

0-05

0-10 : West Curb Line Capistrano

TP 11.10 92.13 0.38 81.03
 BM 9.61 81.31 71.70
 11.12 BP
 POC +
 Capistrano

92.13

Homono Drive

3+20

TP 067 89.04 11.60 88.37

+80

+10

2+0

+60

1+20

99.97

Lt.

Rt.

Rt.

54

85.8	85.39	84.45	84.70	85.0	84.9	84.2	83.82	83.41	84.39	84.7
32 30	365 20.0	461 20.0	484 17.5	40 10	41	48 10	5.22 17.5	5.63 20.0	4.65 20.0	4.3 30
		Gutter	Edg. Gutter	Edg. Gutter			Gutter	Gutter	Gutter	Gutter
89.04										
91.4	90.47	89.75	89.48	89.17	88.67	88.6	88.49	88.19	89.17	89.6
86 30	928 25.0	10.72 20.0	10.49 17.1	10.8 10	11.3	11.4 10	11.48 17	11.78 20	10.80 20	10.4 30
		Gutter	Gutter	Gutter						
92.3	91.70	91.73	91.96	92.3	92.8	92.7	92.93	92.70	93.68	93.8
47 30	5.27 20	6.21 20	6.81 17.1	6.7 10	7.2	7.3 10	7.04 17	7.27 20	6.29 20	6.2 30
	96.93	95.93	96.08	95.9	95.5	95.2	95.09	94.93	95.82	95.9
	5.04 20	4.01 20	3.89 17	4.1 10	4.5	4.8 10	4.88 17	5.14 20	4.5 20	4.6 30
97.5	97.22	96.25	96.43	96.3	95.9	95.5	95.26	95.06	96.06	96.2
26 30	2.75 10	3.77 20	3.71 17	3.7 10	4.1	4.5 10	4.7 17	4.9 20	3.9 20	3.8 30
95.8	95.70	94.68	94.84	94.6	94.2	93.7	93.61	93.39	94.34	94.6
42 30	4.77 20.0	5.79 20.0	5.13 17.0	5.1 10	5.8	6.8 10	6.36 17.0	6.58 20.0	5.63 20.0	5.1 30
		Carb	Gutter	Edg. Gutter			Gutter	Gutter	Carb	Gutter
99.97					99.97					

Lt.

L

Rt.

TP 743 9155 192 8412

+ 40

843
17 30
8362
547 20
8260
64 20
8280
62 19
826
64 10
825
65 10
821
69 10
8138
76 17
8108
79 20
8204
70 20
8204
70 30

4714

828
52 30
8264
140 20
8163
71 20
8126
71 20
818
72 10
816
74 10
812
78 10
8059
81 15
8128
82 20
8122
78 20
814
76 30

+94 - 9 15' Curb 1/2 lot on Pt

8269
635 30
8229
675 20
8128
726 20
8144
760 17
814
76 17
813
78 10
828
82 10
8023
89 17
810
89 20
8198
806 20
818
79 30

+75 - 114 Alley

8247
167 30
8243
772 40
8243
772 40
8177
727 20
8128
754 20
818
733 17
816
74 17
815
75 10
809
81 10
8053
85 17
808
848 20
812
801 20
810
80 30
818
78 30
818
75 30

+675 - 8 Alley

8265
139 30
823
641 20
8126
728 20
8141
713 17
822
68 10
822
68 10
816
74 10
8094
81 10
8193
81 10
8161
74 10
815
75 30
818
73 30
818
73 30

3460 - 14 Alley

8265
139 30
823
641 20
8126
728 20
8141
713 17
822
68 10
822
68 10
816
74 10
8094
81 10
8193
81 10
8161
74 10
815
75 30
818
73 30
818
73 30

89.04

89.04

BM

512 86.43
ADK BP
Starrond
Chatsworth
86.44

+136.5 = Fly H.C. Strip Facing

+11.5 = Foot Curb Line Chatsworth = Fly H.C.

+16.5

5+11.50 = Foot Line Chatsworth Blvd

44 80

91.55

91.86
30

86.6
50
86.5
27.5
63
20
85.76
20
84.22
20
84.43
20
84.1
20
83.9
77
83.4
17
82.79
20
82.46
20
83.41
20
83.8
20

86.60
195
3007 Walk
86.43
57
20
85.78
67
30
85.63
57
17
85.2
64
10
84.8
68
84
7.2
10
83.85
7.7
17
83.45
8.0
20
84.41
7.14
20
84.71
6.8
3007 Walk

86.53
507
3007 Walk
86.38
57
21.5
85.54
60
21.5
85.84
57
179
85.3
63
10
85.0
66
70
18
83.96
7.59
18
83.50
8.05
21.5
84.40
7.15
21.5
84.5
6.98
3007 Walk

84.40
515
30=Cb
85.83
57
30=but
85.85
57
20
85.44
61
10
85.11
64
6.85
10
84.24
7.31
20
83.60
7.87
30
84.41
7.14
30=Cb

87.26
129
50
84.40
515
30
86.01
554
20
85.70
585
10
85.23
682
668
10
84.87
694
20
84.59
714
30
84.41
714
30
83.95
710
50

Lt.

L

Rt.

51

Clark
Shepherd
Brumer
Swell
3-3-54
W.O. 21161

X-SECT. UNIVERSITY AVE
E.L.Y. AND W.L.Y. OF 54th ST.
+ LOCATION OF EXIST. IMP'S.

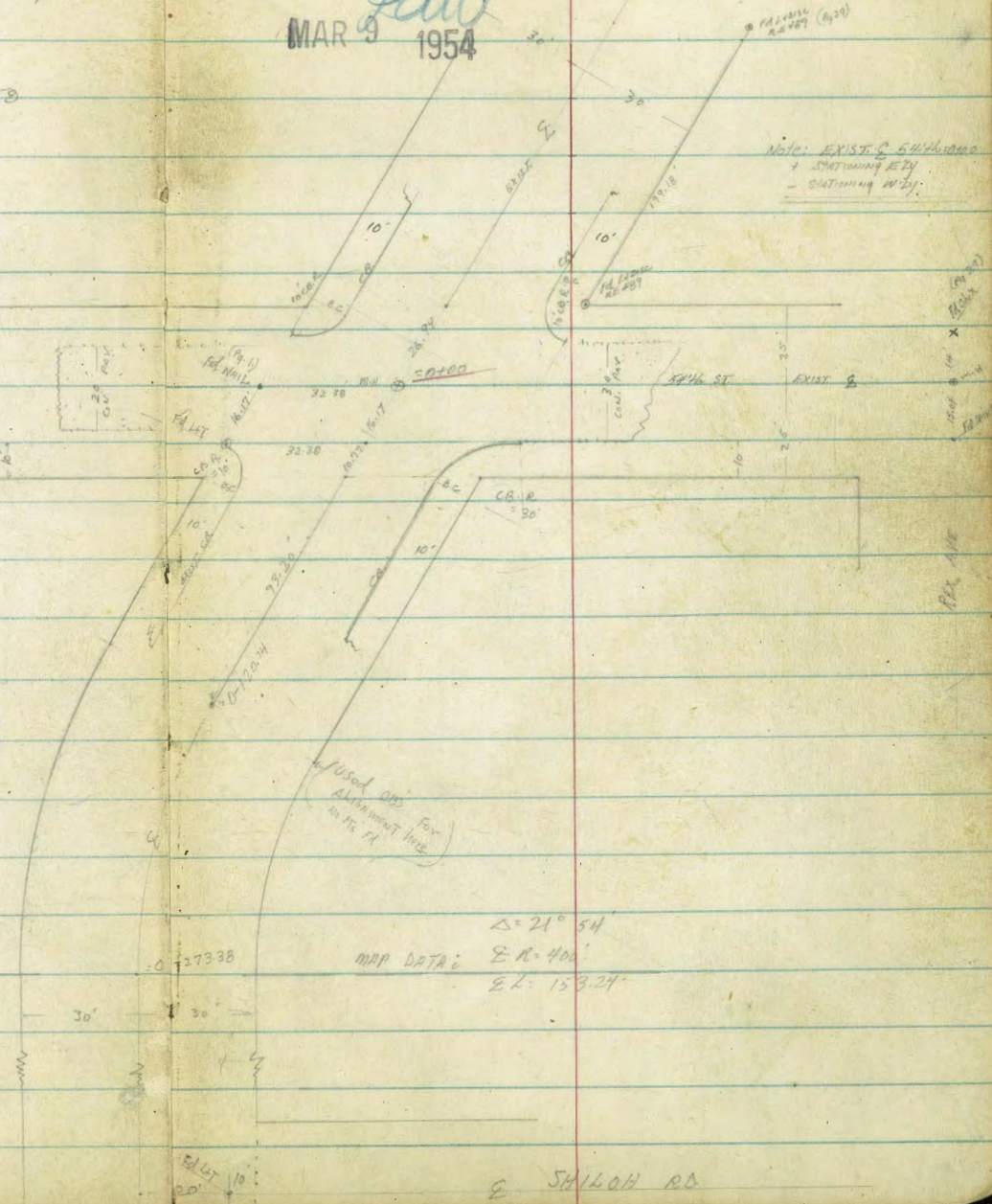
Sketch not to scale Notes: 6-58



54th ST.

UNIVERSITY: STD. CAS 8" wide
40' B.T. CAS
1" C. overlay on org. con. Pav.

Ref: FB 2127-62



INDEXED
Law
MAR 9 1954

MAP DATA: $\Delta = 21^\circ 54'$
 $E.R. = 400'$
 $E.L. = 153.24'$

SHILOH RD

X-SECT. UNIVERSITY,

(NW) LT.

♀

RT. (SW)

T.P. 804 330.06 11.94 322.02

O-2150

324.2
98
80
324.3
97
60
324.6
94
30
324.07
98.7
10.41
323.55
96
80

324.32
964

323.44
10.52
323.96
10.10
324.1
99
30
323.55
96
80
323.8

O-2173.38 = MC
21° 54 RT.

(All stations on curve refer to west c)

324.4
96
60
324.6
94
30
325.0
98
30
325.56
98
30
325.01
98
30

325.70
826

324.85
911
325.31
90
325.4
96
30
326.4
96
30
326.8
92
80

O-3100

325.8
97
80
326.2
93
60
327.4
96
30
326.8
98
30
326.42
98
30

327.08
822

326.33
96
30
326.76
96
30
327.1
96
30
327.8
96
30
328.2
96
30

O-3150

328.9
91
80
329.9
91
60
332.6
91
30
329.8
91
30
328.81
91
30
328.33
91
30

328.98
498

328.29
97
80
328.70
96
30
329.0
96
30
329.3
96
30
329.5
96
30

O-3168

322.4 LT & anchor pole & 322.2 LT & deadman
215 RT & pole # 5347

O-3179

11.4 LT & "V" shaped Billboard = 122 (Photo taken)



332.2
98
80
334.0
98
30
336.0
98
30
330.7
98
30
329.49
98
30
328.88
98
30

329.67
429

328.99
97
80
329.38
98
30
329.7
98
30
329.81
98
30
330.0
98
30

O-400

(E STATIONS) See sketch

T.P. 11.36 333.96 0.48 322.60

B.M. 13.06 323.08 310.02 NW B.P.

5442 UNIVERSITY

333.96

508

328.88

X-SECT. UNIVERSITY (CONT)

0-1404 44' RT & Billboard (Foster + Klosser)



0-120.14 = E.G (All cuts from exit of Univ. at 90°)

0-1435.7 E.M.H. (Elev. with Pav)

T.P 7.70 324.90 12.80 317.20

0-1450 21.7 RT & Pole # 5383

0-1452 21.7 LT & Anchor Pole + 31.4 LT & Dearman

0-2100

0-2111

0-2127

approx. Slope on RT + end of cut area RT cut area

LT

E

RT

59

320.3
4.6
80
61
60
68
35
318.1
85
30
316.4
94
60
315.21
11.18
92
314.72

315.85
9.05

315.46
9.44
28
6
8.91
20
6
316.9
80
30
319.3
5.6
31
323.9
1.0
60
325.9
4.0
80

321.0
71
80
320.1
10.8
60
318.3
11.8
30
317.31
12.75
82
316.65
13.71
93

324.90

317.81
14.25

317.36
13.73
20
317.19
12.27
20
318.5
11.6
30
322.0
8.1
35
324.4
5.7
60
325.3
4.2
80

323.0
71
80
322.8
7.3
60
321.3
8.8
30
320.66
8.8
80
320.11
9.5
90

321.14
8.72

320.40
7.66
20
320.87
7.24
20
321.26
8.8
30
323.76
6.3
32
327.06
3.0
60
328.26
1.8
80

323.0
6.5
80
323.1
7.0
60
322.1
8.0
30
321.91
8.75
80
320.75
9.3
90

321.83
8.23

321.10
8.8
20
321.58
7.9
20
322.2
5.5
30
324.6
5.5
33
327.8
2.3
60
329.1
1.0
80

323.9
9.2
80
323.5
6.6
60
323.2
6.9
30
322.85
7.66
80
321.83
8.23
90

322.83
7.17

322.06
8.00
20
322.58
7.50
20
322.8
7.3
30
324.8
5.3
60
325.2
4.5
80

322.06

X-SECT. UNIVERSITY (CONT.)

LT.

£

PT.

60

0-27 = CB. AC. RT

Swly Ret. CB ARC = 36.0
(Levels at 12' intervals
around arc
#1, #2 etc.)

308.92
7.25
309.44
7.43
20
309.97
7.46
20
309.41

0-37 23.1 RTE Five Hys

0-38.9 = CB AC. RT. N.W. Ret. CB arc = 16.0

E.C.
Mid. RT. Ret.

309.98
8.27
309.95
8.27
309.96
8.27
309.55
8.27
309.25
8.27
309.30
8.27

0-42.5 21.9 RT E. Padman

0-50

317.5
1.4
316.5
2.4
313.8
5.1
311.3
7.1
310.62
8.25
310.12
10.75
311.10
7.77

311.01
28.8
311.43
28.2
312.0
6.9
313.9
5.0
316.0
2.9
318.1
0.8

T.P. 5.80 318.87 11.83 313.07

0-1400

319.9
5.0
315.9
7.0
315.4
8.5
314.4
10.0
313.87
11.03
313.35
11.35
314.45
10.27

314.12
10.78
314.65
10.25
315.0
7.7
315.6
6.3
321.9
2.0
323.9
10.80

324.90

X-SECT. UNIVERSITY (CONT.)

LT E RT

T.P. 3.24 311.91 1020 308.67

~~311.91~~

E.C
mid pt

0+45.08 (90° E) = CB DC RT S.E. Rot.
17' CO. ARC

0+30.7 20' LT. Bay Conn. Drive (Commercial)

0+26.94 = EXIST. Line 544L (sect. along 544L)

0+26.94 (sect. 90° E)

0+14.1 = CB BC LT (NEW ROT. 16' CO. ARC
(AT 90° E CURVE)

OR E.C
mid-pt. EXIST.

307.53
11.34
307.40
11.47 10.35
307.91
307.12
307.79
11.65 11.08
20 20
20 20
20 20

312.2
5.7 7.7 9.8 10.05 10.58 10.33 11.27 11.0 11.2 10.7 10.9
26.4 27.8 32.4 21.6 21.6 21.6 21.6 32.4 21.6 21.6 21.6 21.6

309.3
9.6 9.8 10.2 10.19 10.74 9.22 11.13 11.30
75 55 30 20 20 20 20 30

309.04
7.83 10.74
308.97
308.53
79.0 11.34
309.00
308.38
9.87 10.47
20 20
20 20
20 20

318.87

V. SECT. UNIV. (Contd)

LT E RT

1706 21.5 RT Pole #JP 27626

1700

307.7	307.1	306.4	306.40	305.95	306.53	305.71	306.16	306.1	306.3	306.6
4.2	4.8	5.5	5.7	5.8	5.38	6.20	5.75	5.8	5.6	5.3
90	55	30	27	20	20	20	20	30	55	100
			line	line						

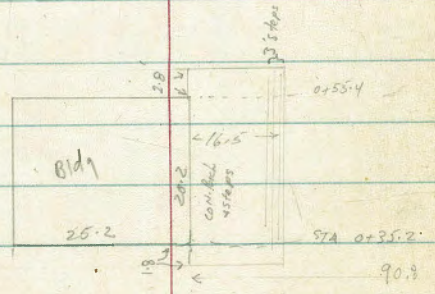
0178.6 20 LT Propth Comer Drive

0161 20 LT END ^{S.D.} Comm. Drive

0155.4 90.7 LT END Bldg

0150 (Sect 90 E)

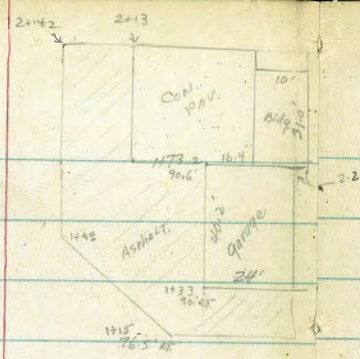
308.4	308.0	307.98	307.35	307.99	307.07	307.61	307.16	307.7	308.90
3.5	2.9	3.73	4.56	3.92	4.87	4.80	4.3	4.2	3.11
55	30	27	20	20	20	20	30	55	832
	AK	line	line	G					edge
	in	way							W 5446



0135.2 90.8 LT Bldg (C.M. McGrath Seal)

311.75	310.98	309.10
0.16	0.93	2.81
90.8	90.8	74.3
FLSH.	END	12th step

311.91



1452.2 ♀ MH (Square)

1450

1448 30.5# RT & Pav Area

1441.2 20' RT Bay Broken-out CR - used as driveway

1433 90.0' RT Bay Bldg (garage)

1430 21.9 RT & Roadmark

1425 20' LT + 20' RT END CR inlets

1423.5 18.75 LT + 18.75 RT & 2.0 x 2.5 GRATES

1415 76.5 RT Bay Pav area in front Garage (asphalt)

1409.5 20' LT + 20' RT Bay 16' CR INLETS (14' Pav. Flush with CR)

1409 20.0' LT END CON. Concrete Drive

305.22
6.69

308.7
3.2
5.5

305.7
6.2
30
JWC

304.50
7.41
8.20

305.24
6.47
7.54
20
6

304.37
7.01
20
CB

304.90
7.00
30
Edge Pav

304.91
6.70
5.5

305.21
6.26
9.0
CON. Pav.

305.65

304.99
6.92
31
edge Pav.

305.34
6.57
8.0

304.73
7.18
2.0

305.91
6.00
9.0
CON. Pav.

301.28
10.53
20
FL
INBT

300.31
11.60
20
FLINE
INLET

306.01
5.90
76.5
Pav. area

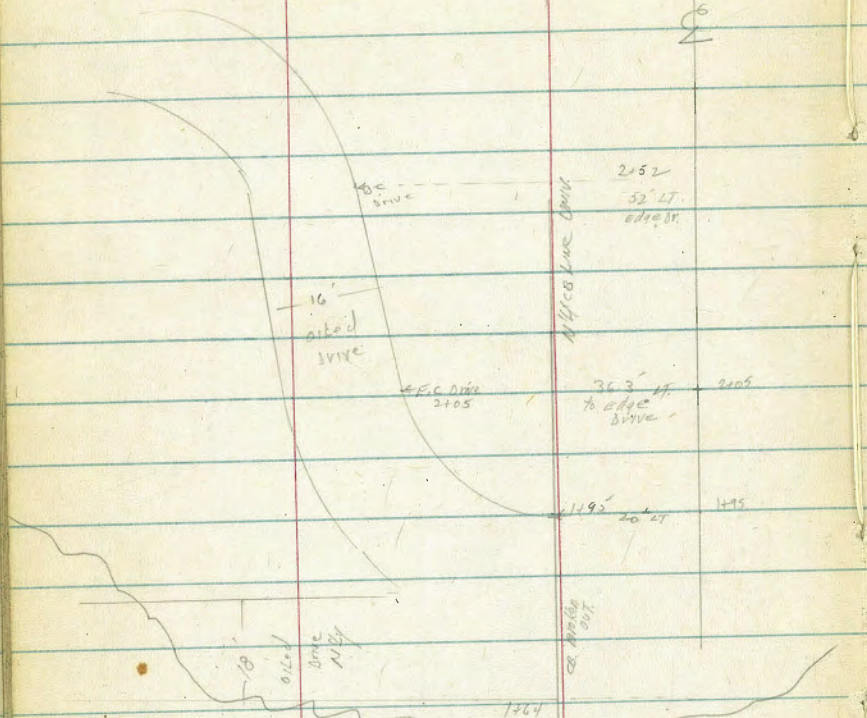
306.21
5.70
9.0
Pav. edge

311.91

X-SECT. UNIV. (CONT)

LT. E RT.

T.P. 481 308.53
581 309.53 817 303.72



1173.2 90.6 RT END GARAGE & Bay OFFICE 614 107 RT
66.7 RT Bay Can. SLAB

1473 E 18' DRIVE LT.

1764 20' LT Bay sidewalk DRIVE
251 LT. @ Telephone Mtg.

1762 31.5 LT End Wood fence

311.2
0.7
7.5

308.3
3.6
55
sidew

304.9
7.0
30
wall

303.87
0.2

304.53
7.08
Run MH
2.5.1

305.22
6.79
66.7
edge
conc
pat.

305.28
6.63
90.6
Fl.
por

305.37
6.54
107
on
conc

305.20
6.71
107
Fl.
office
slab

311.21

2138.8 20.5 RT Bq Coll-141 (Around Restaurant)
32 RT E END N/S CONC. BIK WALL 3' high

302.71
302.49
301.8
301.53
582 6.24 6.7 7.00
20 20.5 32 35
C CB BK Edge
Dr Ash

2134 31.3 RT E Seedman

2131.5 22.0 RT E R/L # P783.37

302.86
302.39
302.53
305.68
305.06
567 5.74 5.3 4.85 3.47
20 20 27 30 35
C CB BK Edge
Dr Ash

2117.2 30 RT END ASPHILT Pav Area
20 RT END CONC Drive

2113.1 66.9 RT END CONC SLAB

305.06
305.19
3.47
66.9
conc.

2105 36.3 LT (EC) 16' oiled Drive (See sketch)
Edge

310.5
120
55.3
20.5
308.6
36.3
54
305.3
303.19
303.30
303.60
492.576
20
20
32 474 523
20 20
75 55 30 20 20
4.51

2100 20' LT Bq CB LT
= 20' G oiled Drive 20' LT (See sketch)

304.02
303.15
303.79
303.95
304.49
538
20 20 27 30 35
C Drive BK Drive

1193.5 20 RT Bq Conc Drive

303.93
303.45
460
27
BK
Drive

308.53
309.52

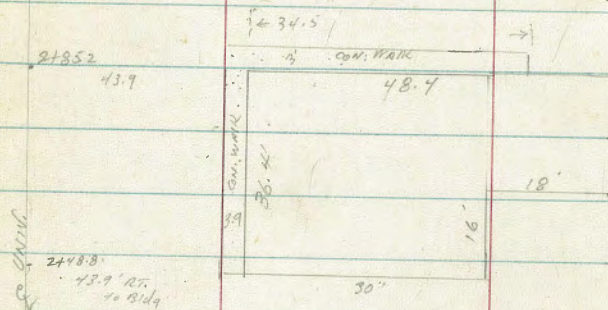
2485 45.5' LT END Billboard

2477 20' LT end opening ca

2470 38.1' LT Bay Foster Kleser Billboard

2452 52.2' LT ^{54'} Edge ailed Drive at A.C. (See sketch 1965)

2450 (Section)



2448.8 } 40.6' RT to Nly edge 39' CONC. WALK across Front Bldg
} 43.9' RT Bay Bldg

2447.8 20' LT Bay opening ca (Drive) unused

312.1
 311.5
 301.75
 73.6 73.0 67.8
 71 52.2 20

311.8 311.4 311.3 306.3 303.0 301.82 302.72
 73.7 73.7 2.8 2.2 5.5 6.71 5.81 6.62 6.12 6.84 6.72
 70 55.52 32 30 20 20 20 40
 Drive opening 0 0 0
 Full width 19ft. 19ft. 19ft. 19ft.

301.81 301.70
 6.72 6.83
 40 43.7
 44ft 44ft
 WALK FL 8' x 4'

X SECT. UNIV. (CONT)

LT.

⊗

RT.

3159 21 RT E Pole # 412 483-H

3154 20 RT END opening CB.

3150 20 RT end opening CB.

306.4
 21 15
 7.5
 35

304.0
 6.5
 34

302.0
 7.9
 36

300.6
 8.79
 20

299.74
 9.33
 20

299.20
 8.67
 20

299.96
 9.30
 20

299.23
 20
 28
 (300)

299.1
 9.4
 30

298.2
 10.3
 35

298.0
 10.5
 35

3147 20 RT E Gill-Lay Dr.

299.28
 9.25
 20

299.18
 9.35
 30

298.28
 10.25
 35

298.13
 10.40
 35

on end-Lay drive

3140.3 20 RT opening CB.

3104.2 20 RT END Commercial Drive

312.5
 7.0
 75

307.8
 8.7
 55

304.7
 8.8
 34

301.8
 6.7
 30

301.8
 7.45
 20

300.51
 8.02
 20

301.29
 7.4
 20

300.59
 7.9
 20

301.15
 7.4
 30

301.1
 7.7
 35

300.8
 7.6
 35

300.9
 7.6
 35

3100

2186.2 20 RT Bay Comm. Drive

301.58
 6.95
 27

301.74
 6.79
 20

301.70
 6.83
 43.7

edge
 wall

2185.2

END Asp. Area immediately
 43.9 RT END Bldg

X-SECT. UNIVERSITY (cont.)

LT

E

RT

CLK:

2.77 310.03 ^{= 310.02} (Sec. A.M. 19 58)

T.P.

6.93 312.80 2.66 305.87

4404.5

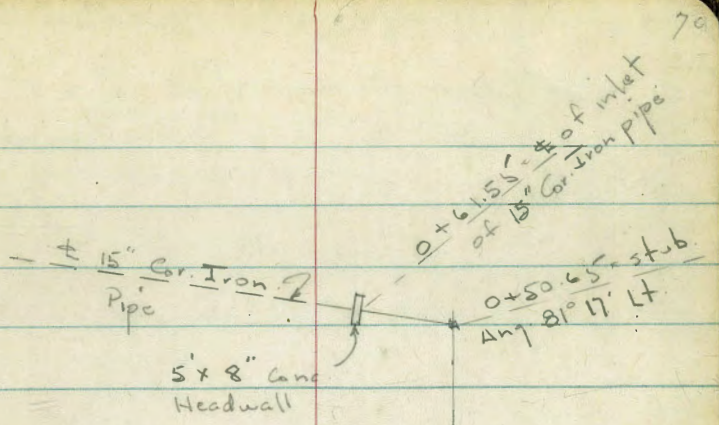
20 RT end opening CB (No Drive way)

4400

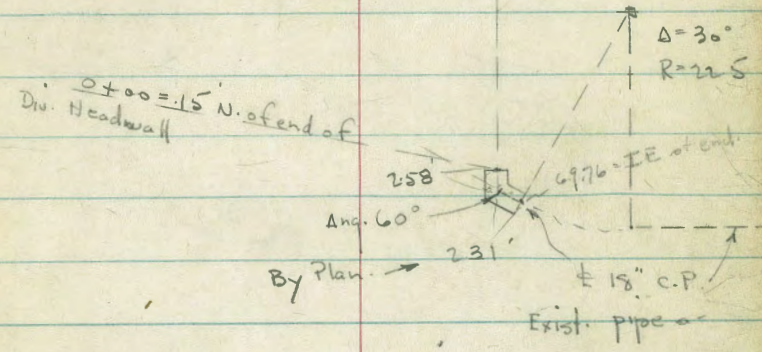
302.8
57 71 80 100 102.5 10.68
78 55 45 30 20 20
301.4
300.5
298.5
298.28
297.85
298.49
297.92
10.61 drive
20 20
20 20
298.0
10.8
297.1
11.4 11.5
35 75
297.0

3789.3

20 RT Bay opening CB (No driveway)



± Plan & →
Prod.



See 11183-L For Detail of ± of Pipe
11184-L & Headwall at end.

Beg. Levels along \pm of Prop. A.C.
 Ditch - Drain from end of Exist.
 Drain - to 15" Cor. Iron Drain to Wabash.

W.O. 32062 - 1-10-55 70

See sketch - P. 70

0+61.55 = \pm inlet 15" Cor. Iron pipe + Headwall

0+56

0+50.65 - out 90° to Forward Tang.

0+50.65 = Ang Pt - Sect 90° To Back Tang.

0+45

0+34 - 18' Lt = \pm Sewer M.H. 71.11 W. Rim

0+25

0+05

0+00 = Plan Dist. for end

0-00.15 = edge + \pm of end of Diversion

B.M. = \square in Headwall 172.34

Lt. \pm Rt. 71

66.92 69.16
I.E. of Top wall
inlet

67.8 68.7
8

73.1
10

71.9 74.6
10

72.0 69.0 72.4 74.9
10 5 10

Top \pm Ditch =
ing

69.8 72.6 75.0
8 10

\pm Ditch

70.3 73.7 76.5
11 10

\pm Ditch

72.4 70.4 72.7 71.51 69.65 71.56 74.6 76.7
 18 12 4 12 15 3 10
 Top \pm Ditch Top wall Top wall End

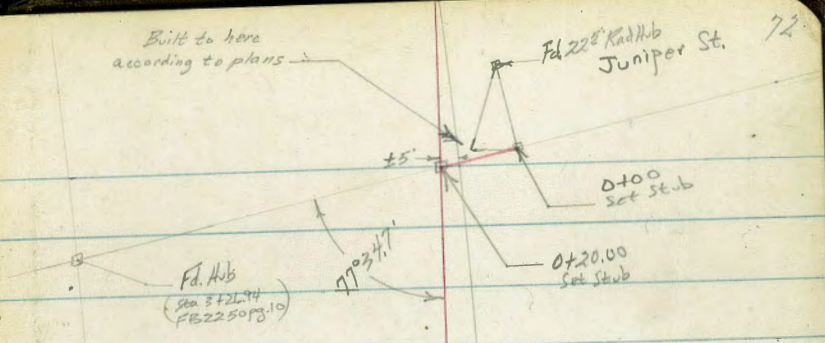
100' fig. Not Noted.
 Actual Elev. shown

Roberts
 Rorer
 Moore
 Morales
 3-22-55
 W.O.# 21338

Survey For Proposed Storm Drain in
 Wabash Freeway, Juniper south
 See 111852 sheet

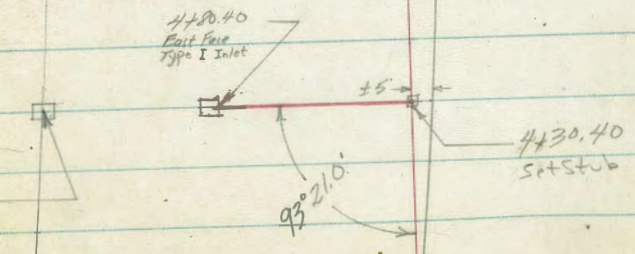
INDEXED
 MER
 MAR 23 1955

Built to here
 according to plans



Wabash Freeway

4+30.40
 Exit Face
 Type I Inlet



used center of this
 Type I Inlet and
 center of the type
 I Inlet for line.

1+50

174.3
2.5

1+00

177.2
+0.6
10
2.8
6.9
10
174.0
174.2
169.2
171.6
171.2
168.2
5.2
14
5.6
19
24
11.6
34
1.2

0+50

173.2
3.8

0+20. L Left (Section at Right Angles to the forward tangent.)

172.0
+1.0
6.1
8
170.2
172.1
171.6
168.1
4.7
12
5.2
16
8.1
21
12.1
4.0
Rim

0+15 7° Rt End Exist. Drain

174.2
2.6
10
2.7
7.13
7
Inv.

0+00 BC of Exist Drain (Ed Construction Survey Pts).

177.2
+1.1
10
177.0
+1.0
170.2
+0.9
10

BM 1143 176.77

172.34 Nly End Wall

Sta 2141 in FR 2250 pg 12 176.77

Contd From Page 73

Lt

\$

Rt

74

4+30.40 ← Right

	183 ²	179 ²
+	1.8	2.2
	10	

4+00

	181 ²	178 ²	177 ²	175 ²	174 ²	171 ²	168 ²
+	0.5	2.8	7.6	6.1	6.6	9.5	11.5
	10		12	17	20	24	32
							Rim

T.P. 6.93 181.37² 2.33 174.44²

181.37²

3+50

	175 ²
	1.3

3+00

	176 ²	172 ²	170 ²	172 ²	171 ²	168 ²	164 ²
+	0.4	4.0	6.4	4.7	5.3	8.2	10.5
	10		11	15	19	22	31
							Rim

2+50

	172 ²
	4.5

2+00

	174 ²	170 ²	171 ²	170 ²	168 ²	166 ²	
+	0.0	2.8	6.8	5.2	6.4	8.6	10.4
	10		10	14	19	23	31
							Rim

176.77²

176.77²

B.M. 0.96 143.50 \checkmark 142.54 on Hub Sta. 3+26.84 Sec. 18, 22 50pg 12

check

long shot
9.02 172.35 \checkmark = 172.34

4+63

Rim

171.6	171.4	171.1
9.8	10.1	10.3
10		10

4+57

173.4	172.8	172.3
8.0	8.6	8.7
10		10

4+51

177.1	176.6	176.1
4.3	4.8	5.3
10		10

4+49

177.4	176.1	176.6
4.0	4.5	4.8
10		10

4+43

175.9	175.6	175.1
5.5	5.8	6.3
10		10

181.37 \checkmark

181.37 \checkmark

checked back flat.

4780.40 Inlet (East Face) Also Top of slope

143.50 T

138.32

5.18

Top
conc
Lid

138.24

5.50

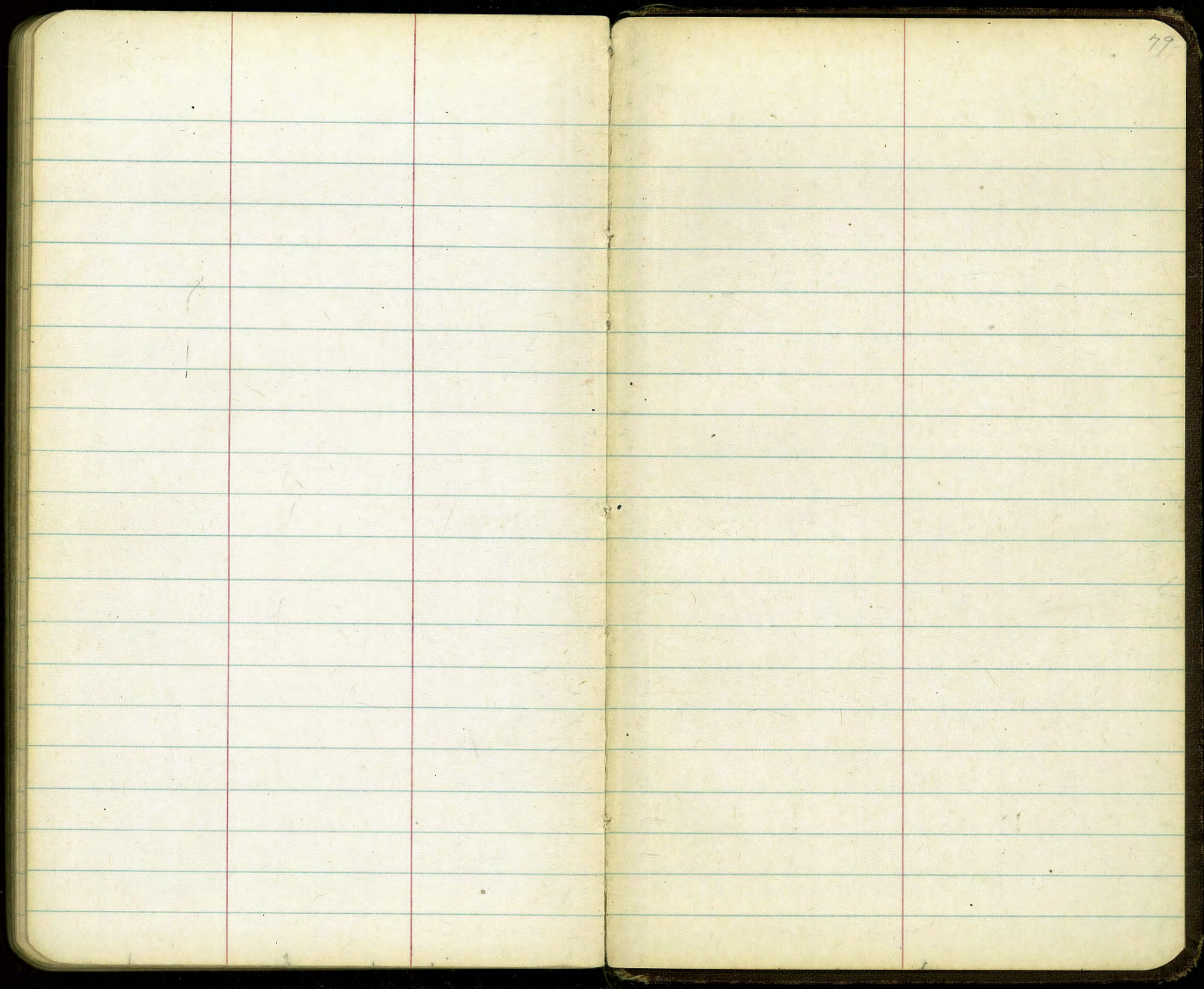
Top
Foundation

Lid too heavy to move.

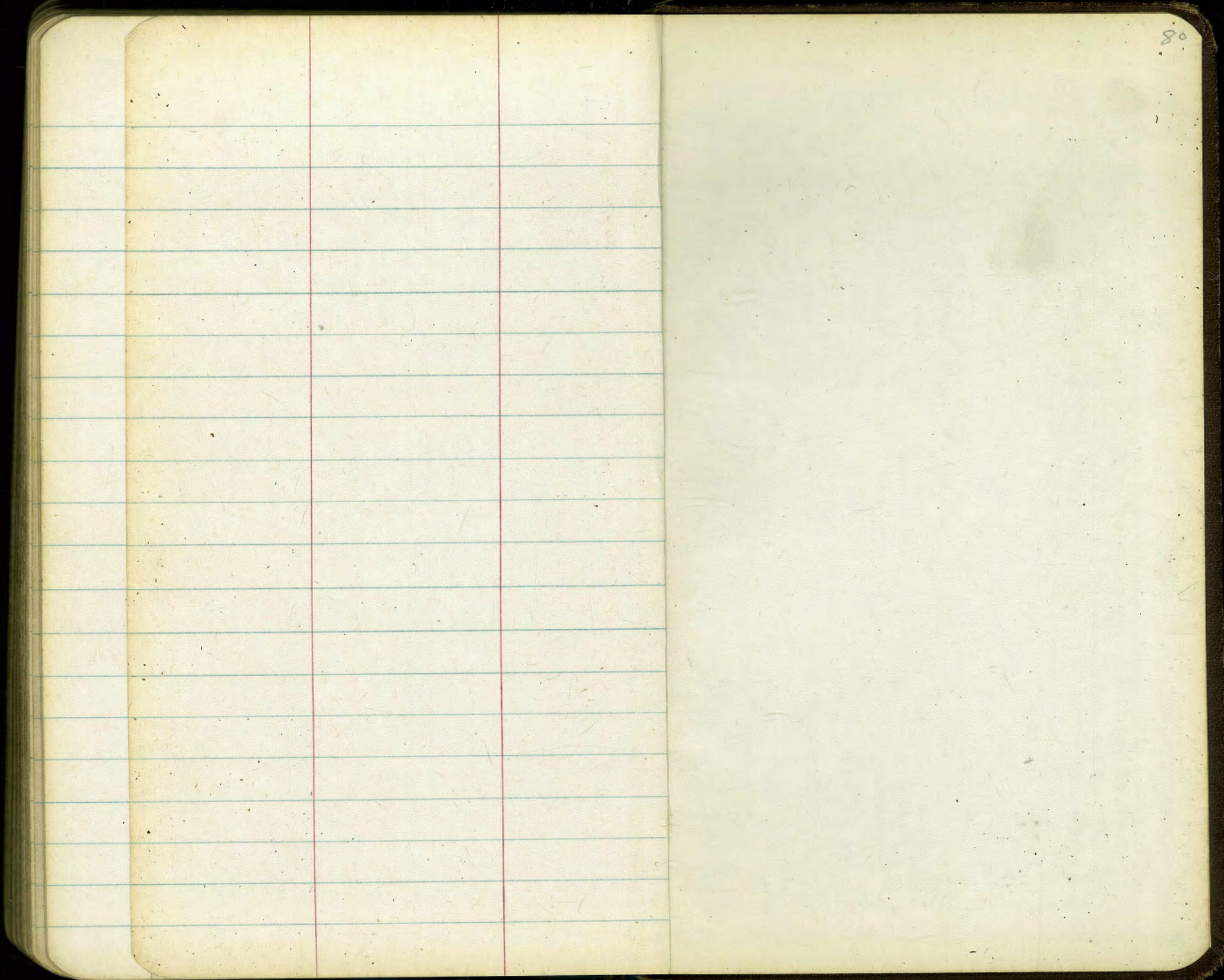
143.50 ✓

The image shows an open notebook with two facing pages. Both pages are cream-colored and feature a grid of horizontal green lines. Each page is divided into three vertical columns by two red lines. The leftmost column is the narrowest, the middle column is the widest, and the rightmost column is the narrowest. The pages are otherwise blank, with no handwriting or printed text. The notebook is bound in the center, and the dark cover is visible at the edges. The number '77' is written 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 horizontal light blue ruling. Each page is divided into three vertical columns by two red margin lines. The right page has the number '78' handwritten in the top right corner. The notebook is bound in the center, and the dark cover is visible at the edges. The pages are otherwise blank.



79



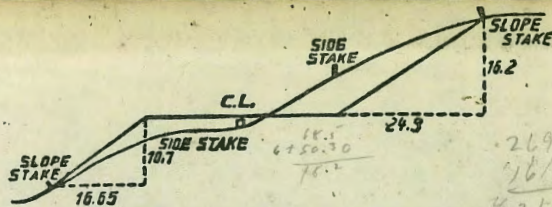
4209 - E. Overlook

215 from Cross

3460 - 30 ft. spike

1770.39
1492.68
2818.1

458 W 85° D



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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