

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

¹ 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.

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	.711	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.286	.363	.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	.955	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

Pg

X-Sec Landis - Altadena to 52d.

1-7

X-Sec 51st - Sterling Ct to End

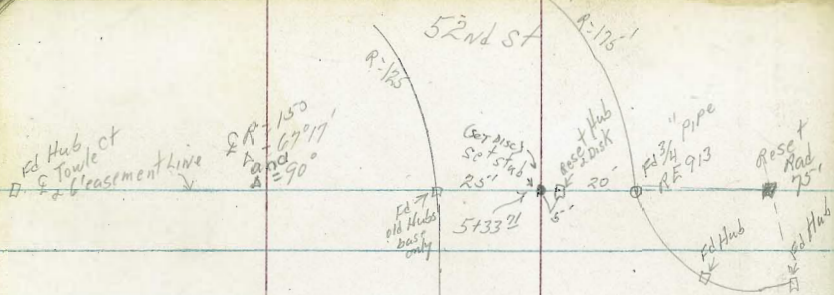
9-12

" Alley BIK 232 Pac. Beach

13-21

Alley Belk C - Turnbulls ^{enroad}

22-24



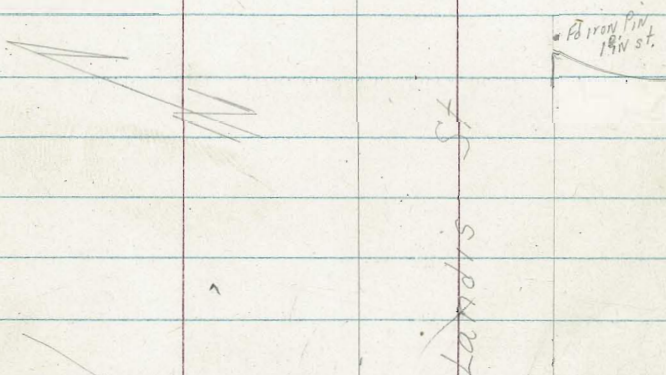
D. Smith
C. Allen
R. Taylor
R. Parks

WO # 25020
5-7-52

See Branches
in FB-2105

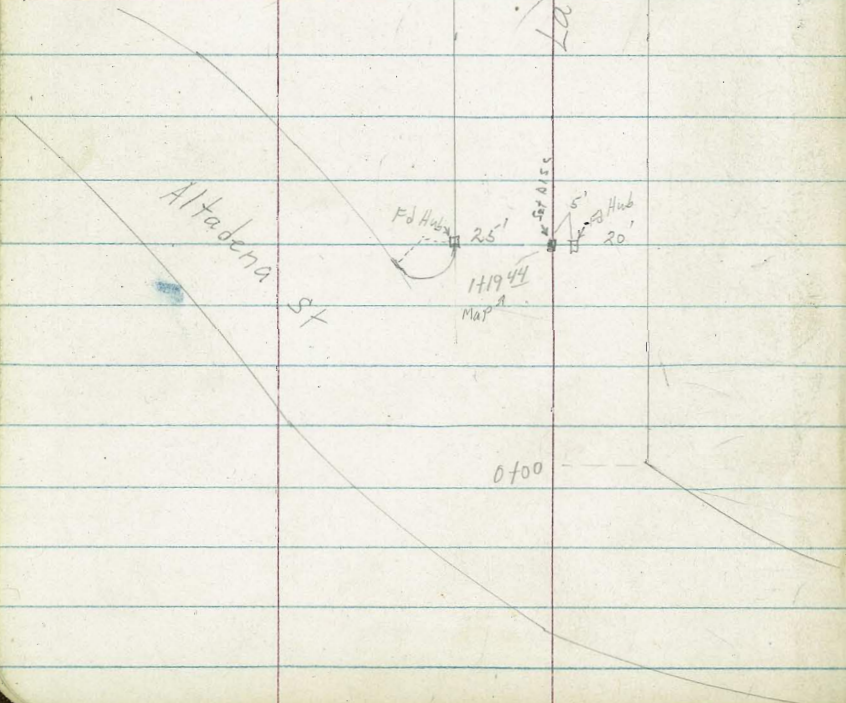
Cross Sec Landis St

Altadena to 52nd St.

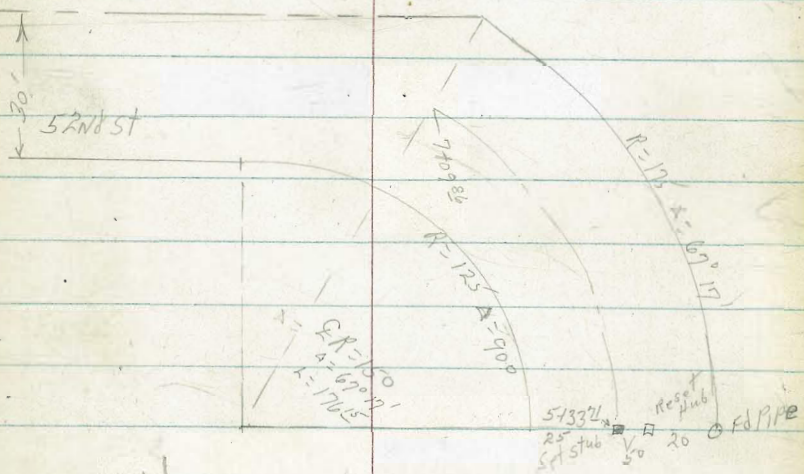


Ref = FB 2105-20,
FB 1569-1
G 229-35
File Map # 1764

INDEXED
File
MAY 8 1952



Reduced & Plotted
4/19/52
H. Mills



Lt = North

Rt = South

3135	3135	3140	3131	3142	3148	31587
8°	8°	75	84	73	62	562
35	25	20	16	17	25	

31487	31584	31604
62	561	545
18	25	35
apron	drive	

3145	3153	3155	3164	3166
70	62	60	51	42
25	16	25	35	

3159	3163	3164	31696	31726	31756
56	52	51	453	423	383
25	13	22	25	35	
			drive		

3166	3167	3167	3172	3178	3179
42	48	48	42	32	36
25	13	12	25	35	

3170	3169	3169	3174	3177
45	46	46	41	38
25	10	25	35	

1719th E.C. Prop Return on North

1718 18° RT & 8' con drive with AC apron

1711 21° RT & 12" Power Pole #p 5115

0790 20³ RT & dead man

0780

0759 24° RT End Picket Fence

0750 22° RT & 8' con drive

0725

24³ RT Begun 35 Picket Fence

0700 SE cor Landis & Altadena

#4 B.M. 172 32179

FB 2/105-23

319th Nail in 18" #3688 Altadena Landis St

4 Nails in pole True B.M. was covered with Tar. Change to -

32179

Lt=North

RT=South

3

2792 25³ RT & 9' con drive

2788 24² LT & 7' con drive

2771 24³ LT & 9' con drive

2755 25³ RT & 3⁵ con walk

2750

2740 24⁵ LT & 3' con walk

2707 24³ LT Begin 3' picket fence

2700

1780 25³ LT & 2' con walk

1765 25⁰ RT & 3⁵ con walk

1750

31274
8²⁵
35 drive
31261
7⁸⁸
35 drive
31246
8⁰³
35 drive
31239
7⁵³
24⁵

31574
6²⁵
25² drive
31576
5⁵³
35³

31533
6¹⁶
25³ walk
31516
5⁶¹
35³

3137
7⁰
35
3138
7²
25
3139
7⁵
15
3135
8⁰
9
3141
7⁴

3151
6⁴
25
3159
5⁶
35

31559
7²⁰
35 walk
31589
7⁰⁰

3122
8⁰
35
3125
8⁰
25
3137
7⁰
18
3133
8²
11
3140
7⁵

3150
6⁵
25
3154
6¹
26
3155
6⁰
35

31355
7²⁴
25³ walk
3135
7²⁸
25²

31540
6⁰⁹
25 walk
31610
5³⁹
35

3124
8⁶
35
3125
8⁰
25
3127
7⁵
18
3131
8⁴
12
321
7⁴
49

3158
6²
25
3159
5⁵
26
3160
5⁵
35

Lt = North

Rt = South

4

3794 24° Lt Begin con block wall

317.57	316.5	316.2
4 ⁸³	72	81
242	242	242
Top	ground	Footing

3788 24° Lt & 12' con drive

315.77	316.35	316.28
8 ³⁵	799	806
35	25	243

3759 24° Rt & 9' con drive

315.49	316.57
8 ⁸⁵	722
242	35
drive	

3750

312.5	313.2	314.4	315.1	314.5	314.8	315.1	315.4	316.3
11 ⁰⁰	11 ⁴	92	92	92	95	92	89	80
35	26	25	13	7		15	25	35

719, 947 324³⁴ 662 314⁸⁷

324³⁴

3737 24° Lt End Picket fence

315.02	314.26
6 ⁴⁷	523
25	35
walk	

3730 25° Rt & 3' con walk

3711 21° Rt & 12" Power Pole P 5149

3704 24° Lt & 3' con walk + steps

3193	312.37	314.07
956	918	743
378	278	243
walk	But	Top of

3700

312.2	312.5	314.1	314.3	313.8	314.1	315.7	316.0
93	90	74	72	72	74	63	55
35	28	25	15	10		25	30
						321 ⁴⁹	

Lt=North

Rt=South

5

TP2 11⁵³ 335²⁶ 04 324²³

5400 25° Lt & R' con walk

4484

4480 24' Lt & 7' con drive

also prep sw cor Lemona + Landis

4434 24' Lt E & con block wall

4408 24' Lt & 3' con walk

4401 25° Rt & 14' con drive

4400

32325
32324

109
35

3227
walk

3221
22

3212
36

3215
28

3219
24

3217
26

32217
217

32235
199

32209
225

31811
62

32012
422

31815
58

3177
66

31815
58

3178
12.6

31843
14

3187
56

3190
53

31804
630

31771
663

31757
680

31809
625

3179

64

35

3171

72

25

3166

77

12

3160

83

7

3143

80

32

3166

77

15

3173

70

25

3180

613

35

Lt = North

Rt = South

6

6425 17° 25.82

3271	328.9	330.1	330.6	330.2	330.7	330.8	334.9	336.9	337.8
8 ¹	6 ²	5 ⁷	5 ²	5 ⁶	5 ⁵	5 ⁵	0 ²	7 ¹	7 ²
35	28	22	13	11	5	9	15	25	35

6400 12° 39.34

3270	328.3	328.6	329.1	329.2	329.2	329.2	334.1	335.1	336.0
8 ⁸	7 ⁵	6 ²	6 ²	6 ⁵	6 ⁵	6 ⁶	12	0 ²	10 ¹²
35	25	22	15	6	8	15	25	35	35

5475 25⁴ Rt & Deadman 7° 52.88

326.8	327.9	328.2	328.2	327.6	327.7	327.7	331.8	332.8	333.4
9 ⁰	7 ²	7 ⁶	7 ⁶	8 ²	8 ¹	8 ¹	4 ⁰	3 ⁰	2 ⁴
35	28	22	17	14	9	16	25	35	35

5457 21⁵ Rt 98" Power Pole # 51755452 22³ Lt Begin 4' picket fence25' c = 24²⁷

5450 3° 06.40

c = 16²⁴

325.4	326.1	326.5	326.1	325.9	325.9	325.6	329.9	331.0	331.2
10 ²	9 ²	9 ²	9 ²	9 ²	9 ²	10 ²	5 ²	4 ²	4 ⁶
35	25	15	12	6	9	20	25	35	35

54332 BC 1.2 R = 150 α = 67° 17'

324.4	325.2	325.2	324.8	324.7	324.7	324.2	327.0	327.6	328.5
11 ⁴	10 ⁶	10 ⁶	11 ⁰	11 ¹	11 ¹	11 ⁶	8 ²	8 ²	7 ¹⁰
35	25	11	9	9	11	18	25	35	35

5423 18⁵ Rt 8' corduroy apron

323.9	324.8	324.8	324.8
11 ⁸	11 ²⁶	10 ²⁰	
35 ²	25 ²	18 ³	

335⁷⁶

Lt = West

2

Rt = East

7

BM starting

1¹⁹

319²⁴

319²²

TP₄

6⁸³

320⁹²

9⁸⁵

314⁰⁹

TP₃

0⁶⁸

323²⁴

12⁵⁰

323²⁶

7109⁸⁶

End Kardis St 33° 33.50'

c = 985

7100

31° 45.24'

c = 2499

6775

26° 58.79'

22° 12.30'

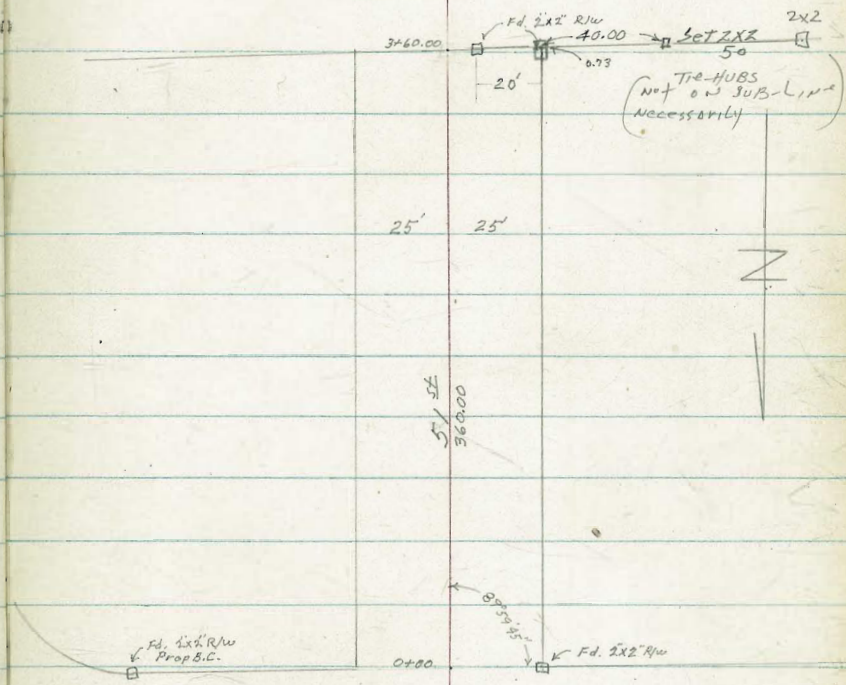
6756 22° Lt End picket fence

326.9	327.3	327.4	326.5	328.2	329.3	330.0	334.7	336.7	337.8
82	65	84	93	71	65	12	102	120	120
35	25	24	22	7	14	25	35		
327.1	328.0	327.9	326.8	329.3	330.0	334.7	336.7	337.8	
82	78	72	90	65	58	11	102	122	
35	25	22	21	8	15	25	35		
327.0	328.1	329.1	328.3	330.1	334.8	334.7	337.2	338.8	
82	72	62	75	57	50	11	112	130	
35	25	17	15	9	13	25	35		
326.9	326.8	329.8	320.8	329.8	330.0	330.0	338.4	339.4	
82	70	60	50	60	53	48	102	126	136
35	25	22	14	11	9	15	28	35	

335²⁶

X- Sect. 51st - Sterling Court to End

Shepard
Brunner
Perkins
W.O. 25020
Nov. 6, 1952



Sterling Court

INDEXED
Law
NOV 7 1952

51 St

0+72 18' Rt. Deadman

0+68 29.5 Rt. End East edge of N+S 3.8' Conc. Stairway

0+62 29.5^{8.79} Rt. East edge of N+S 3.8' Conc. Stairway

T.P. 326.26 10.91 1.29 315.35

0+50

0+24 19.8 Rt. & 3' Conc. Walk

0+00 South line Sterling Court

0-25 @ Sterling Court

5.61 316.64

311.03

521.05

Top Step

5.21

29.5

317.49

Bot. Step

8.79

29.5

326.26

312.3

4.3

35

313.3

3.3

25

316.2

1.4

1

314.9

1.7

16

315.9

0.7

16

316.5

0.1

25

316.8

+0.2

35

314.31

2.33

128

314.95

1.67

35.6

306.3

10.3

50

309.0

7.6

25

310.6

6.0

0

311.9

4.7

25

302.9

3.7

50

304.5

12.1

100

307.8

8.2

25

309.7

6.9

0

310.7

5.9

25

314.2

2.4

100

316.64

5' West of 51 St
'disk' in wall 26' N of Sterling Court - (East)

2+01 25.4 Rt. Beg. 1' Conc. wall with 3' Wood fence on top

2+00

1+96 25.6 Rt. & 108' Conc. Drive

T.P. 4.00 328.20 2.06 324.20

1+75

1+71 25.7 Rt. & 3' Conc. Walk

1+50

1+25

1+16 22' Rt. & 13.5' Conc. Drive

1+00

0+99 18' Rt. & Power Pole # P3640

63 521.9
35 532.2, 9

3.0 323.3
35 2.324.1

3.7 522.6
35 2.323.6

4.3 321.9
35 3.322.6

6.9 319.4
35 5.320.4
2 321.7

4.3 323.4
35 3.323.4

328.20
5.2 4.8

1.3 325.0

5.1 321.2

Footing
5.0 323.2
25.4 25.4

4.3 323.9
25 3.323.9

4.0 324.19
25.6 25.6

1.0 325.3
25 1.1 325.2

Walk 0.80
25.7 0.92

0.80 325.5
25 0.9 325.4

1.3 325.0
25 1.4 324.9

1.3 324.51
22 1.41 1.52

4.5 320.8
15 3.323.1
25 2.7 323.6

3.2 324.53
30 P 3.67
25.4 25.4

4.0 324.18
25.6 25.6

1.1 325.2
35 3.25.36

1.4 324.9
35 1.41 1.52

326.26

disk in wall 26' N of Sterling Ct. + 5' west of 51st

316.69 1.13 5.69 311.05 (311.03) 10.97 315.56

326.03 8.46 0.68 317.57

3+85

3+60.00 End of 51st

3+00

2+95 18.5 Rt. to deadman

2+69 18.7 Rt. to Power Pole # P3620

T.P. 318.25 0.20 10.15 318.05

2+56 26.5' Rt. to 3' Conc. Walk

2+50

2+27 25.4 Rt. End Conc. Wall + Wood Fence

27.0	25.8	19.9	18.7	13.4
100	10	9	25	75
301.6	302.3	305.0	307.2	308.2
16.7	16.0	13.3	11.1	10.1
35	25	35	25	35
310.8	312.3	315.1	316.3	317.5
7.5	6.0	3.2	1.9	0.8
35	25	35	17	25
				35
				318.3

318.25

320.47
WALK
7.76
26.5

320.47
7.32
33

317.3	317.9	319.0
10.9	10.3	9.2
35	25	35

318.7	320.7
7.5	7.5
25	35

Footing	Top
6.4	4.19
25.4	25.4

326.20

Alley BIK 232 Pacific Beach
20' wide

Sommermeier
Boyg
Oltman

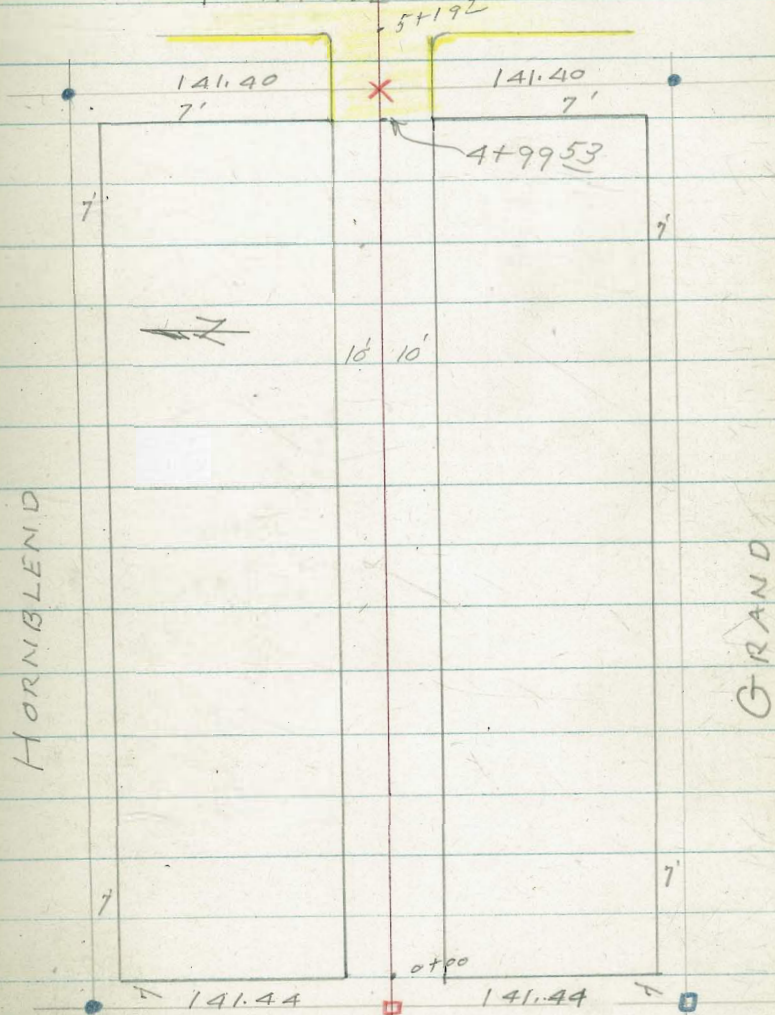
1-6-53
W.O. 25020

- denotes Fd. Disk or L.H.
- ◻ " " 1/2 hub
- ◻ " set " "
- X " cut cross in cona.

INDEXED

FEB 9 1953

FANUEL (Conc. Pave.)



EVERTS (unimproved street)

Alley BIK 232

Pacific Beach

0+01 9³ Lt = start to 4 Car Gar.
conc. apron

33.43
3.34 3.79 3.85
14³ 10 9²
Gar. Floor

0+00 11' rx = start 4 Car Gar.
conc. apron to

32.9
32.4
32.6
32.76
33.51
3.9 4.4 4.2 4.01 3.26
10 11 15²
Apron Cor. Floor

0-01⁵ 11' rx = 3" wide Conc. walk

32.8
400 406.
11² 21
walk

0-40 4 Everts

32.3
4.5 3.6 7.3
100 100

36.77

Set B.M.#2 SS 3.59 33.18

S.E. 7' dik Hornblend & Everts.

T.P. 4.34 36.77 7.58 32.43

T.R. 0.63 40.01 3.94 39.38

Pole # A 1250. (Nail)

Set B.M.#2 S.S. 5.72 37.60

Fanuel.
Cross in Paue & Alley BIK 232 wly. 7' line

Set B.M.#1 7.47 43.32 1.56 35.85

N.W. 7' Lt + Grand + Fanuel.

7.53 37.41 29.88

N.W. 7' Lt + Thomas + Fanuel
G.B. 242
P 59

grade + also end garage
 0+40 9³ Lt. = break in apron

2.80	2.93
143	93
Car	apron
33.97	33.84

also = end garage
 0+39 10⁵ Rt. break in apron grade

33.95	33.44	33.58	33.98
2.82	3.33	3.19	2.99
142	93	11	151
Car	Apron	apron	Car

0+23 9³ Lt. = break in apron grade

0+22 11' Rt. = break in apron grade

33.44	33.36	33.33	33.74
3.33	3.41	3.44	3.03
142	93	11	151
Car	apron	apron	Car

0+20 9³ Lt. = break in apron grade

0+19 11' Rt. = break in apron grade

33.27	33.52
3.50	3.25
11	151
apron	Car

BIK 232- P.B.

#

16

T.P. 7.34 42.30 1.81 34.96

1+00 10⁴ RT. = end conc. wall

3 5.2
1.6
10

34.9

35.0
1.8
10

34.1
2.7
10⁴
B.W.

0+76 10⁴ RT. = start ^{wall} 4' high conc.

34.6
2.2
10

34.0
2.8
10⁴
B.W.

0+51 10³ RT. = ^{lateral conc. wall} 1' wide 2' high

33.9
2.9
10

33.4
3.4
10³
B.W.

0+50

34.4
2.4
10

33.8

33.8
3.0
10

0+48 11⁸ Lt. = ^{walk} 2⁵' wide conc.

34.57
2.20
2.18
walk

34.47
2.30
1.18

0+47 11' RT. = end conc. apron

33.72
2.81
11
apron

36.77

B/K 232 P.B.

17

A 1250 (39.38)
check T.P. pole 2.91 39.39

16' Rt = ϕ door.
2+25 10² Rt = N.E. Cor Bldg.

+ Ely. Ent. Ban (Conc. floor).
2+01 10⁹ Rt = N.W. Cor. Comb stop.

2+00

5.3
10

37.0

36.8

5.5

5.4
10

36.9

37.10
5.20
16
door

1+74 11^E Rt = ϕ 3' wide Conc. walk

6.3
10

36.0

35.9

6.4

5.96
11^E
on walk

36.34

36.31

5.99

21^E

1+50

6.4
10

35.9

1+37 8^E Lt = ϕ 3' wide Conc. walk

36.06

6.24
16

on walk

36.08

6.22
10

36.09

6.21
8^E

1+12 8^E Lt = ϕ 3' wide Conc. walk

36.11

6.19
16

on walk.

36.12

6.18
10

36.12

6.18
8^E

42.30

T.P. 5.99 44.21 408 38.22

3+00

2+97 11⁴ Lt. = end conc. apron

Conc. car port.

2+90 13⁶ Rt. = \pm level 15' wide

2+77 11³ to double bar. Lt. = start conc. apron

2+77 11³ Lt. = \pm 2^{5'} wide conc. walk

2+50

38.2
38.1
38.2
A.1 4.2 4.1
10 10
38.75
38.60
3.55 3.70
15 11.4
Bar. Floor Apron

38.30

4.00
13.5

38.75
38.53
3.55 3.77
15 11.3
Bar. Floor Apron

38.52
38.49
3.78 3.81
21.2 11.3
walk

37.8 37.6 37.9
4.5 4.7 4.4
10 10

44.30

BIK 232 RB

⊕

19

3+85 9^E RT = end wall

39.2
5.0
7^E 38.7
9^E B.W.

3+83 9^E RT = ⊕ 2^E walk thru. Wall.

39.26
4.95 5.05
9^E 19^E
walk

3+78 9^E RT = 5' high conc. wall end house & start

38.9
5.3 6.0
9^E 9^E
B.W.

3+68-9^E RT = start stucco house

38.9
5.3
9^E
end.

3+50

38.5
38.4
38.5
5.7 5.8 5.7
10 10

3+42 11⁸ RT = end conc. apron

39.25
5.46 5.73
15.2 11⁸
Cor. Apron.
Floor

3+29 11⁸ RT = start conc. apron to double Cor.

38.75
5.46 5.63
15.7 11⁸
Cor. Apron
Floor

AA.21

BIK 232 P.B.

(37.60)

B.M. #2 - P14

T.R. 5128 42.90 6.59 37.62

4+75

40.4	40.2	39.1	38.4	38.5	39.2
3.8	4.0	5.1	5.8	5.7	5.0
15	11	10		10	15

4+72 12' RT = 4' wide brick walk

5.00	5.0
12.3	22.3
on walk	
39.2	39.2

4+60 12' RT = 4' double floor
Cor. dirt

5.3	5.38.9
12.3	
dirt floor	

4+50

5.0	5.38.9	5.3	5.39.0
10		10	10
5.38.2			

4+26 12' RT = 4' wide conc. walk

5.12	5.3
12	22
39.09	38.7

4+00

5.2	5.38.8	5.4	5.39.1
10		10	10
39.0			
44.21			

Alley BIK 232 - P.B.

Check B.M. 7.82 29.89 (29.89)
 1.85 37.71 7.04 35.86 (35.85)

Original B.M. - P-14

B.M.#1 - P-14

5+39⁵³ ± Fannuel.

39.70 38.27 38.08 37.95 36.45
 3.20 4.63 4.82 4.95 6.45
 100 10 100

12' Lt } = E.C. 2' Rad Cl. Ret.
 12' Rt }
 5+19⁵³ = wly cl line Fannuel

39.68 39.05 38.27 37.60 37.42 37.21 37.87 35.73 36.37
 3.22 3.85 4.63 5.30 5.48 5.69 5.03 7.17 6.51
 100 100 12 12 12 12 100 100
 Cl. G Cl. E.C. G Cl. Cl. G Cl.

5+17⁵³ 10' Rt } = B.C. 2' Rad Cl. Ret.
 10' Lt }

38.27 37.65 38.42 36.34 37.95
 4.63 5.25 4.48 5.56 4.95
 10 10 10 10 10
 Cl. G Cl. Cl. Cl.

also = start Conc Pavement
 4+99⁵³ = W. line Fannuel
 10' Lt } = start Conc. curb
 10' Rt }

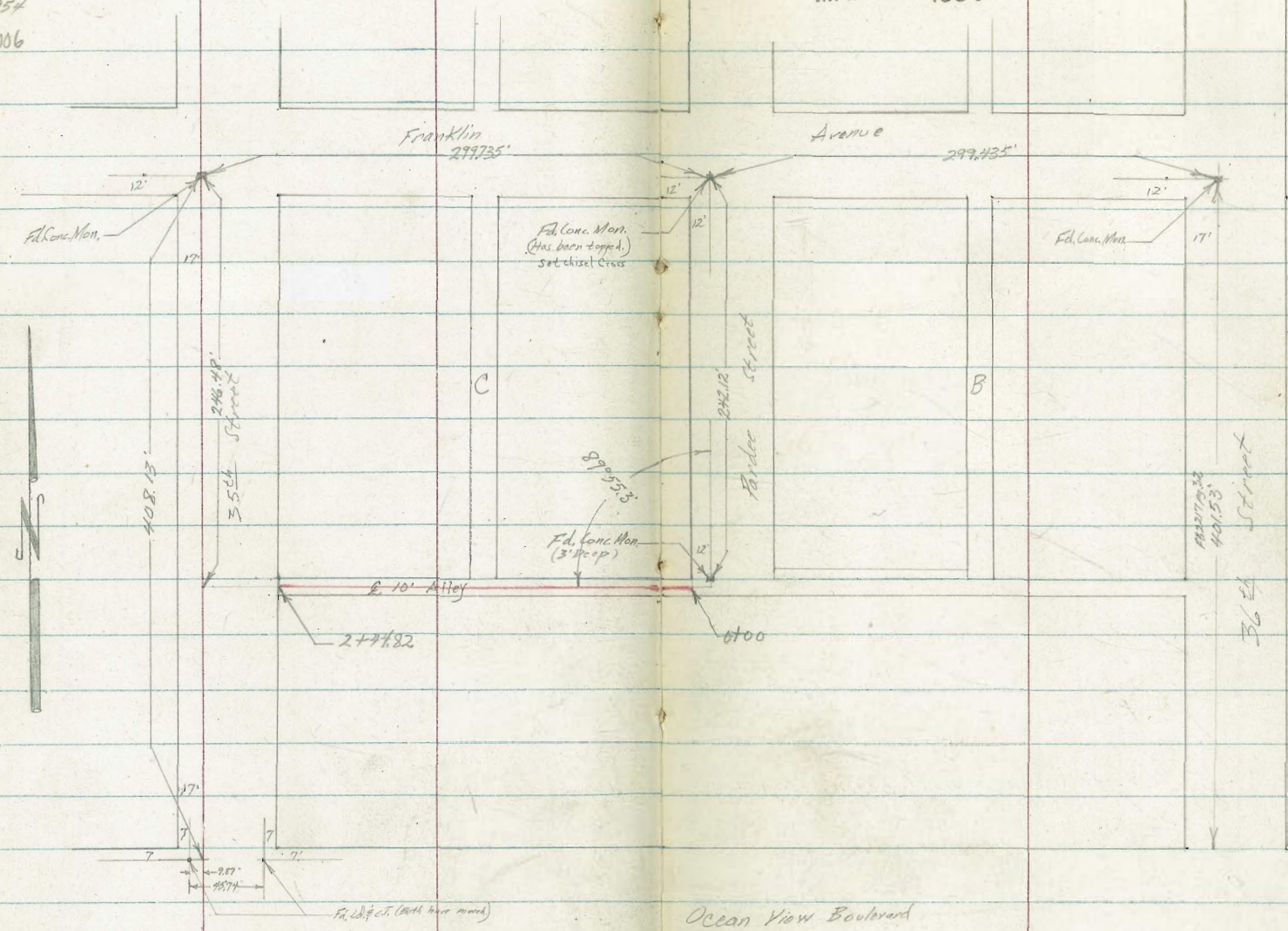
38.43 38.11 37.74 38.04 38.32
 4.47 4.79 5.16 4.86 4.58
 10 10 10 10 10
 Cl. G Cl. Cl. Cl.

42.90

Roberts
Cota
Moore
Maratz
March 24, 1954
W.O.# 20006

Survey for Encroachment in 10' Alley
between Pardee & 35th St, South side
Block C Turnbull's subdivision.

INDEXED
Lew
MAR 25 1954



All measurements are right or left of \bar{C} of Alley.
(Next Page)

1+30 5.1' Rt begin chain link fence

1+25 2.9' Rt to center gas valve.

1+22.5 center of Sewer M^H on line. Top of M^H within 0.1' ground line.

1+20 3.9' Lt to center P. Pole # JPA 3528

1+14.5 5.1' Rt End board fence

0+23 3.0' Lt to center P. Pole # 83548

0+20.2 5.2' Rt End brick wall begin board fence.

0+19.5 4.5' Lt. to End wire fence

0+00 West Line of Pardee St. 5.2' Rt begin brick wall. 4.4' Lt to wire fence.

2+44.82 East Line 35th Street.

2+44 5.0 R/L End chainlink fence.

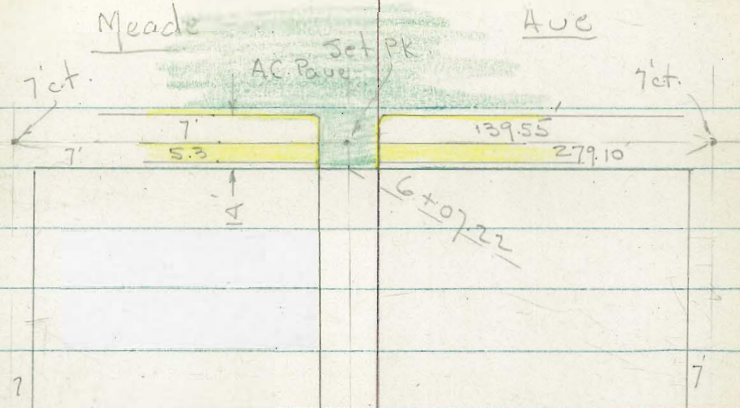
2+15.5 6.0' Lt to NW. Corner shed.

2+05 5.9' Lt to NE Corner shed

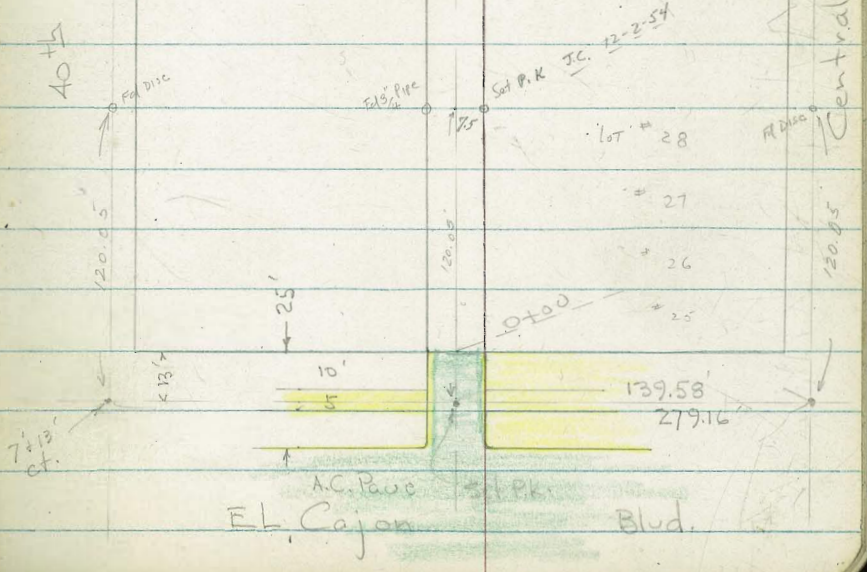
1+43 5.7' Lt to deadman

1+36 5.8' Lt to center dead Euc. Tree 30" Dia.

INDEXED
MAY 19 1954



Block 49
Olive Hill
Map 1199



7-Sect. 15' Alley in Block 49 - Olive Hill
 for Grade Est. - w.o. 25020 - sketch - P. 25
 5-18-54 - 7:0.

Lt. Rt.

1+54.5 - 9.1 Rt. = end Conc. Slab.

65.95
 9.1 = Cor

1+50

66.2 66.2 66.2 65.98
 7.5 7.5 9.2 = Slab.

1+26 - 9' Rt. = Brk. in slab

66.10 66.27
 9 14 = floor
 Conc. 65.79 gar.

1+09.5 - 9.4 Rt. = Beg. Conc. Slab to Apts. + Gar.
 BM. = 367.42

9.4 = Conc.

1+07.5 - 6.8 Lt. = P. pole # PA. 4317

1+04.5 - 6.2 Lt. = 2' x 2' Gas Co. M.H. 66.10 E. Rn

1+00

66.2 66.2 66.3
 7.8 7.5

0+61 - 7.6 Rt. = end Bldg

66.3
 7.6 = gr.

0+50

66.6 66.5 66.4
 7.5 7.5

0+40 - 7.7 Lt. = end Bldg.

66.7
 7.7 = gr. at
 Cor

0+03.5 - 6.4 Lt. = P. pole # PA. 4301

0+00 = N.L. El Cajon = end A.C. pave. + Cbs

66.17 66.14 65.66 66.01 66.12
 Top-end 7.4 7.4 Top
 gut gut

0-25 = N' cb. line El Cajon

65.87 65.42 65.81 65.33 65.30 65.27 65.82 65.10 65.66
 Top to Top 7.5 7.5 Top 2 Rad. to
 pit 2' Rad. gut 300' fig Not Noted gut Top

check B.M. = S.W. B.P. - Central + El Cajon 364.73

364.66 = Book

BM. = S.W. B.P. 40th + El Cajon 366.05

Actual Elev. Shown

5+23.5 - 7.5' Lt = ± 3' Conc. Walk
 5+07 - 5.5' Lt = ± P. pole # P.A. 4385
 5+00
 4+50
 4+05.5 - 5.2' Lt = ± P. pole # P.A. 4375 = B.M. 369.81
 4+00
 3+50
 3+29 - 8.5' Lt = end of Conc. apron
 3+11 - 8.5' Lt = Beg Conc Apron to Doub. Gar.
 3+04 - 7.8' Rt = ± 2.5' Conc. Walk Thru wall
 3+00
 2+95 - 7' Lt = ± P. Pole # P.A. 4349
 2+60 - 7.9' Lt = ± 9' Conc. apron to Sing Gar.
 2+50
 2+10 - 8.5' Rt = ± 2.5' Conc. walk thru wall
 2+06 - 6.2' Lt = ± P. pole # P.A. 4333
 2+00

69.19
 7.5 = walk

68.8	68.8	68.8
7.5		7.5
68.3	68.4	68.5
7.5		7.5
68.1	68.1	68.1
7.5		7.5
67.5	67.5	67.5
7.5		7.5
67.41		
8.5		
apron 67.59	67.43	
12.5	8.5	
floor gar.	Apron	
		67.30
		7.8
67.1	67.0	67.0
7.5		7.5
66.93	66.87	
10	7.9 apron	
floor gar.		
66.6	66.9	66.7
7.5		7.5
		66.59
		8.5 = Conc. walk
66.6	66.5	66.5
7.5		7.5

Lt.

+

Rt.

6 + 21.22 = S. ch. Line

68.45	68.10	68.56	68.26	68.32	68.32	68.80	68.20	68.58
Top	50 gut.	Top 2' Rad.	7.6 gut.		7.5 gut.	Top 2' Rad.	50 gut.	Top

6 + 07.22 = S.L Meade = edge of A.C. Pavc + cbs.

68.79	68.58	68.55	68.79	69.15
Top end	7.3 gut.		7.6 gut.	Top = end.

5 + 98.5 = 8' Lt = end House

69.8
8 = gr.

5 + 90.5 = 8.3 Rt. = end gar. = opens to N.

69.7
8.3 = gr at Cor

5 + 85

69.7	69.5	69.7
7.5		7.5

5 + 74.5 = 8.5 Rt. = Beg. Stucco Gar.

69.5
8.5 = gr at Cor.

5 + 71 = 8.3 Lt. = Beg. House

69.7	69.1	69.2	69.2
8.3 = gr at Cor.	7.5		7.5

5 + 50

5 + 39 = 17.5 Rt. = Sing Gar. - Divt floor.

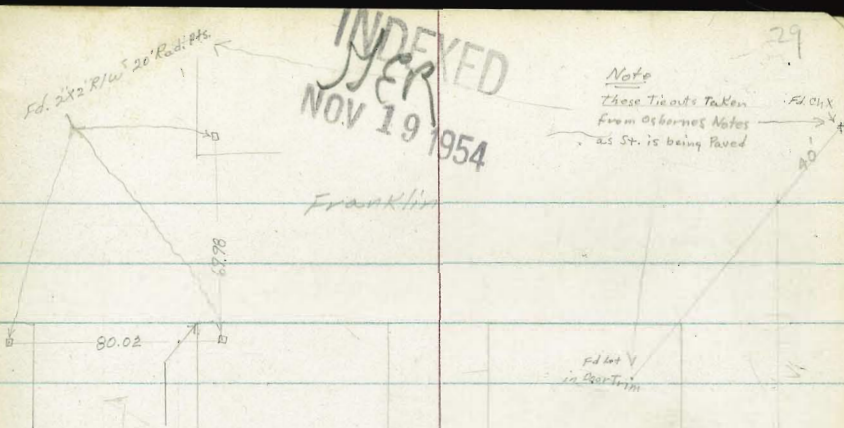
69.1
17.5 = floor
gar.

X-Section Alley Nly. of Long + Hickoks Sub.
between 35th St. + Pardee St.

Shepard
Beggs
Bruner
O'Neil
Pullen
11-16-54
W.O. 32465

Ref. E.B. 2217 Pg. 32

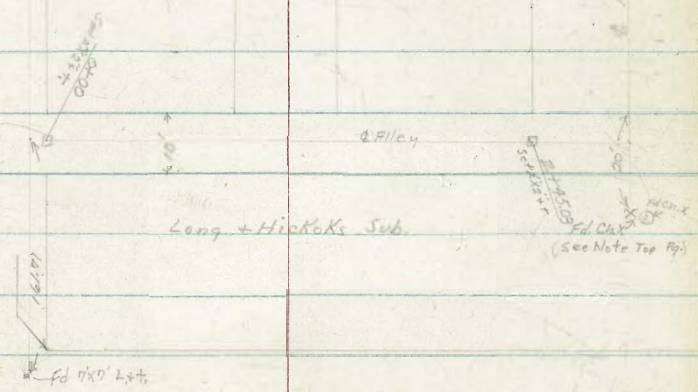
Note Construction To Improve sts. now in progress
on Franklin Pavement 35th St.



BIK C
Turnbull's Sub.

35th St

389.27



OCEAN VIEW

Cont. from Pg. 29

30

1402 S. 4th & Deadman

Lt Rt

1400

75.4	74.7	74.7	74.8	74.9
5.3	6.0	6.0	5.9	5.8
20	5		5	20

0450

75.8	76.1	76.0	76.1	76.3
4.9	4.6	4.7	4.6	4.4
30	5		5	20

0490 S. 9th. End Wooden Shed

0495 S. 9th. Begin Wooden Shed on Piers

3.81
5.9
Fl.

0402

75.5	75.2	75.0	75.0	75.7
5.2	5.5	5.7	5.6	5.0
20	5		5	20

0401 49th. Begin 4' Wire fence

0400 = 24 Line 35th St

75.1	74.8	74.6	74.2	75.6	75.8
5.6	5.9	6.5	6.5	5.1	4.9
20	5		5	8	20

0430 4 35th St (St. is being improved. Check Plans for Elev.)

7.3

80.70

7.11 80.70 ✓

3.11 73.59 ✓

B.M. NW. 2' 1/4 1065
35th & Occasion

76.71 ✓
H1

66.05 B.M.

1185 12.9 Rt. & Single Bar
 1185 12.9 Rt. to Lip of Dr.

68.56 68.61

5.54 5.49

2.9 12.9
Lip Dr. Fl. Bar~~74.10~~

7.P. 5.91 74.10 12.01 68.69

1166 Bk

72.0 70.5 70.0 69.7 70.0

8.7 10.2 10.7 11.0 10.2
20 5 5 25

1153 Bk

72.6 72.6 72.4 72.1 71.4

8.1 8.1 8.3 8.6 9.3
25 5 5 20

1135 13.0 Rt. & Single Car Garage

73.01 73.12

7.69 7.58

10.3 13.0
Lip Dr. Fl. Bar

1130.5 5.2 Lt. Begin 5' Wood Fence

74.9 73.3 73.2 73.1 72.8

5.8 2.4 2.5 2.6 2.2
50 5 5 25

1130.01 Ely line Alley to North

1122 3.8 Rt. & Power Pole LPA 3528

6.83

M.Rim

1122 E = R.M.H. (fence)

75.4 74.0 74.2 74.2 73.1

5.3 6.0 6.5 6.5 8.5
50 5 5 25

1115.01 wly line Alley to North

1115 5.2 Lt. End Wire fence

1109 5.3 Rt. & 29" Eucalyptus tree

~~80.90~~

CK.B.M.

12.41 66.06-66.05

NW. 7' 1/2 Ocean View 435th St.

T.P. 539 78.40

102 13.08

67.0

212003 & Pardee St. (St. is being Improved & Plans for E/W)

7.1

(5.4 ft. End Brick Wall)
212503 Wly. line Pardee

69.1 69.1 68.1 67.7 67.4 67.7 66.9

5.0 5.0 6.0 6.9 6.7 6.2 7.2
20 7' 5.4 5.0 5' 20

Footings
Brick
Wall

69.4 68.8 68.7 68.0 67.6

21234

4.7 5.3 5.9 6.1 6.5
20 5 5 25

21225 2.5 ft. Begin 3' Wire Fence

(5.4 ft. End Wood Fence & Begin 4' Brick Wall)
21224 5.9 ft. Power Pole # P73548

68.15

5.95
Footings 5.4
Brick Wall

69.0 69.5 67.8 67.2

21200 Bk.

5.1 5.6 6.3 6.9
5 5 10

(12.9 to 2 Single Car. Gar.
21203 9.9 to 11.9 ft.)

67.73 67.71

6.37 6.39
9.9 12.9
Tip On Ft. Gar.

21205

69.4 68.7 68.2 67.9 67.8

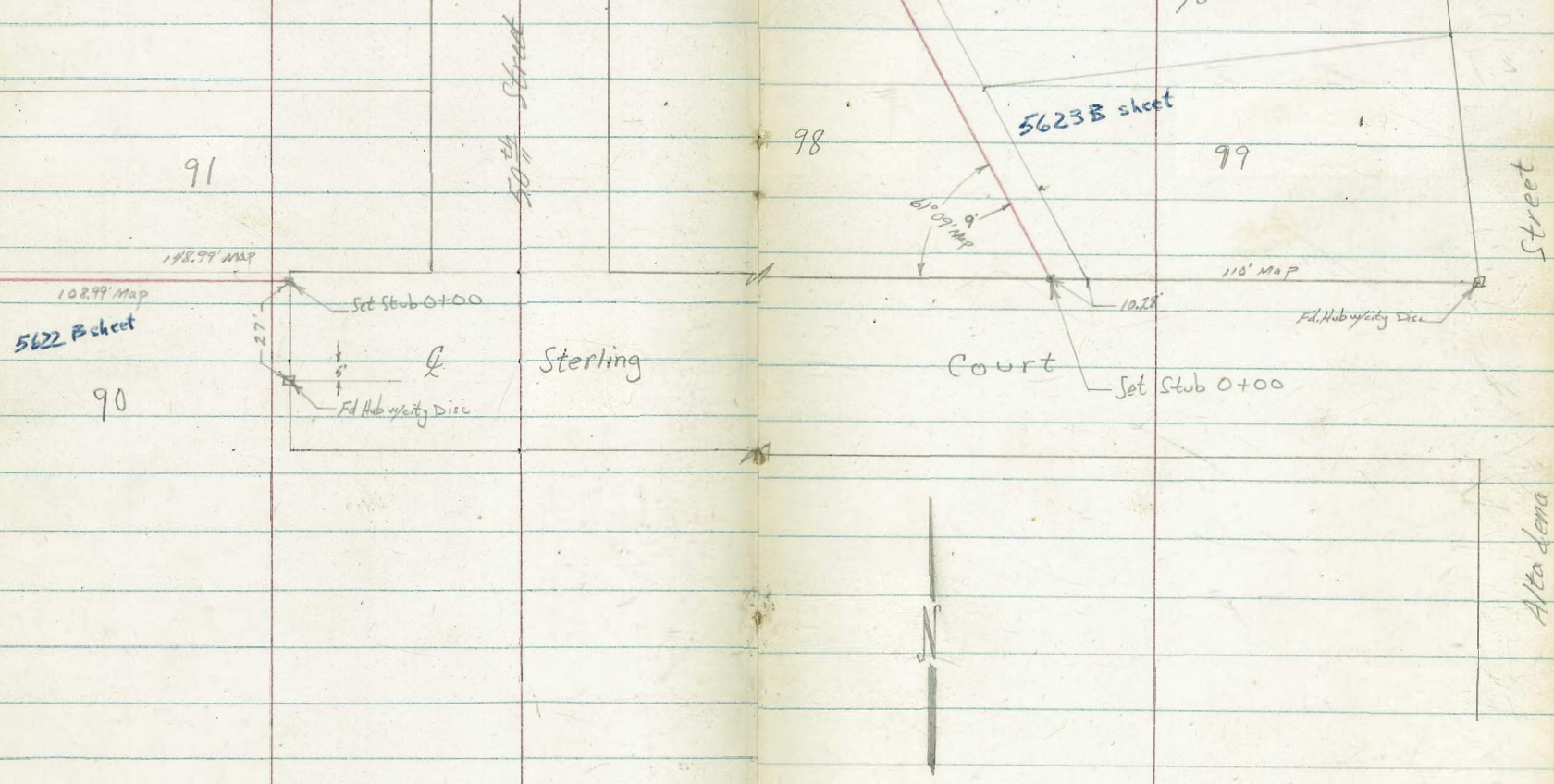
4.7 5.4 5.9 6.2 6.3
20 5 5 12

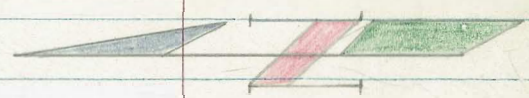
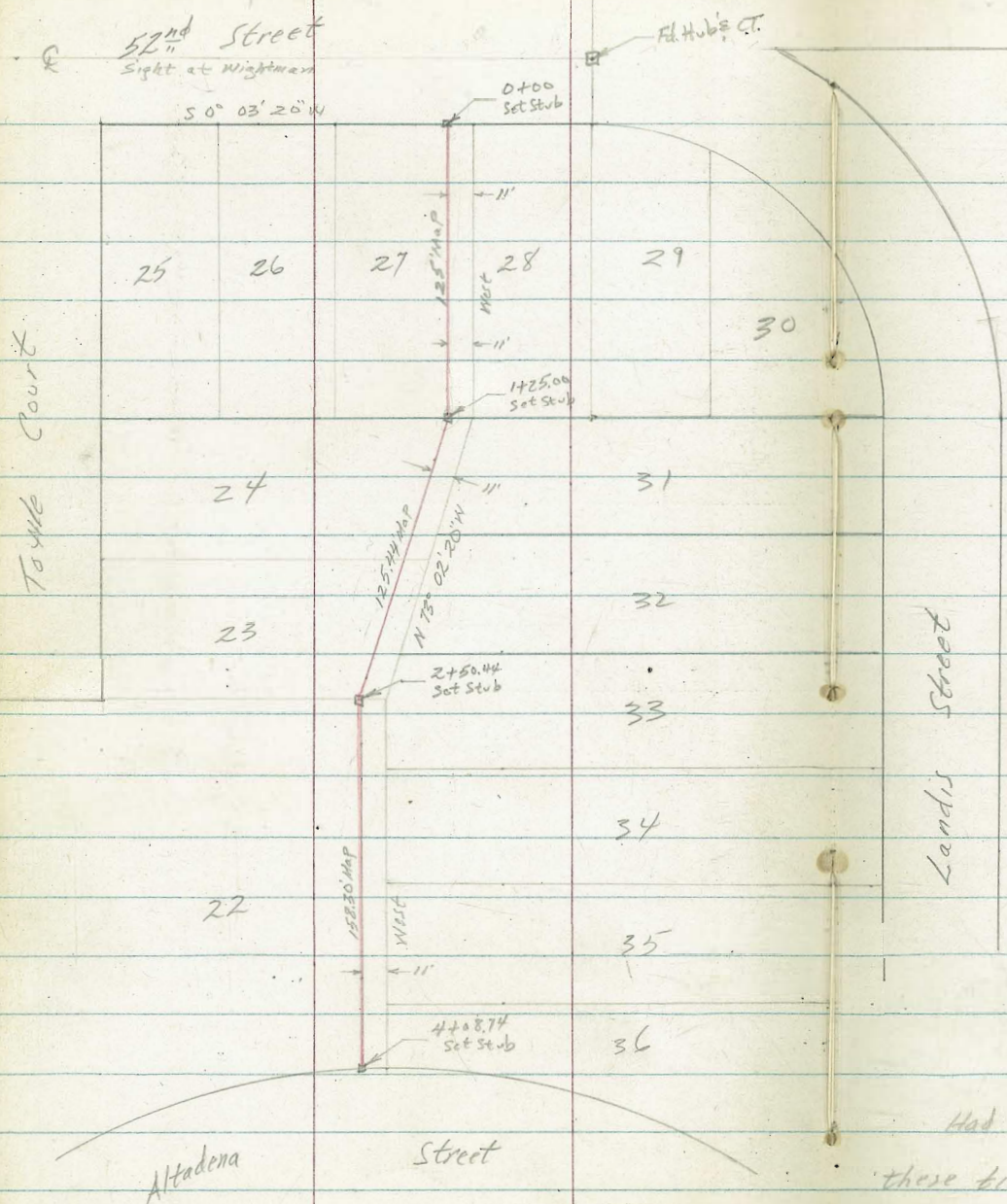
79.10

Roberts
 Rorer
 Morales
 Moore
 3-17-55
 MO# 31793

Survey For Storm Drains Oak Park Annex
 See 5623B, 5622B, 5621B & 5625B

INDEXED
 JER
 MAR 22 1955

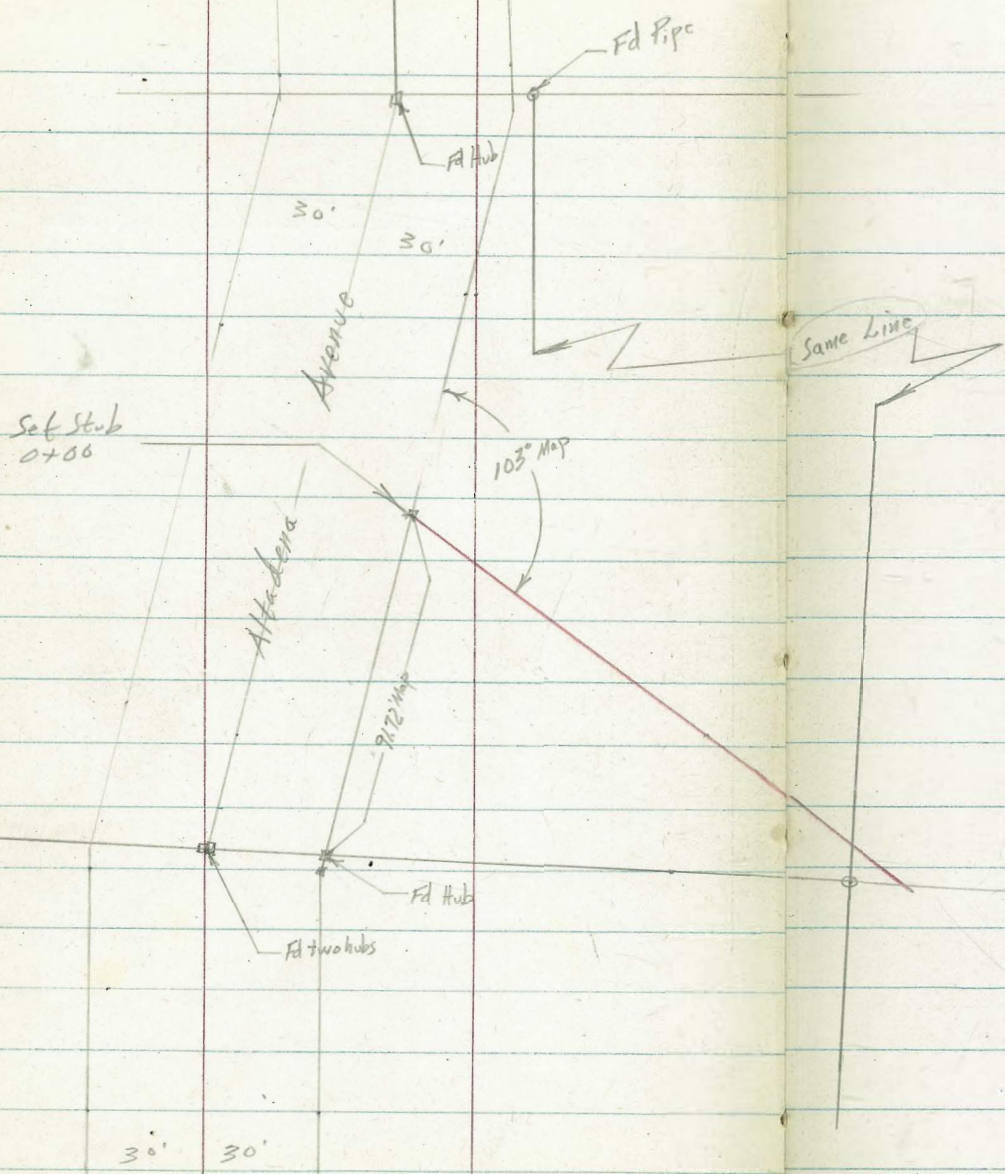




Bearings shown are Map Bearings

5621 B sheet

Had no ties on Almadena - if necessary to have these ties - look up and ask for same.



5625 B sheet
 5253 B sheet

Levels for Proposed Drain in West End of Sterling Court

Lt

Rt

Rt

36

0+56.5 2° Lt to Oleander Bush

0+50 2° Lt to Lantana bush

311.3	311.5	311.8
6.6	6.4	6.1
10		10

0+44.5 1° Lt to N.E. 3" Euc. Tree +
N.E. = NEAR EDGE

0+37.7 1° Lt to Rose bush

0+35 45° Rt ^{Corner} End conc. block Ret. Wall

312.4	313.0	312.9	312.9	314.88	314.9	313.3
5.5	4.9	5.6	5.0	3.1	3.0	4.6
10		4.5	4.5	4.5	10	10
		60 Foot Top			west -> wall	

0+27.7 0.9° Lt to Rose Tree

0+19 1.3° Lt to Tree Rose

0+15.5 1.5° Lt to 1/2" Evergreen Tree

0+00 { 4.3° Rt to conc. block Retaining wall
West End Sterling Court

314.2	314.3	314.6	314.6	316.22	316.0
3.7	3.6	3.3	3.3	1.9	1.9
10		4.5	4.5	4.5	10
		60 Foot Top			

BM 161 317.89

316.28 - 3/4" pipe N.W. Corner 50th & Sterling 317.89

Contd From Page 36

Lt

♀

Rt

37

checked back Flat

1+08.99 (Map Distance)
East Line of Kinoma

302.6	301.6	299.3	297.8
15.3	16.3	18.6	20.1
10		3	10

1+00

304.5	302.6	301.9	300.1
13.4	15.3	16.0	17.8
10		3	10

0+85

308.2	306.6	304.8
9.7	11.3	13.1
10	crest of slope	10

0+76 20 Lt to N.E. 4' Evergreen Tree

309.7	309.9	309.8
8.2	8.0	8.1
10		10 crest of slope

0+68

317.89 K

317.89 K

Levels For Proposed Storm Drain off Sterling Ct, West of Altadena.

Lt

±

Rt

38.

T.P. 125 306.05 ∇ 12.86 307.80

1+00

304.9	304.7	304.3
12.8	13.0	13.4
10		10

0+91 0.5 Lt to NE. 4x4' clothesline pole.

0+70 7 $\frac{3}{2}$ Lt to NE. 3" Orange Tree

306.7	306.3	305.3
11.0	11.4	12.4
10		10

0+55 13 $\frac{3}{2}$ Rt to fence

308.0	306.4	306.1
9.7	11.3	11.6
10		10

0+35

0+25.5 7 $\frac{1}{2}$ Lt to NE. 4" Pepper Tree

308.5	308.3	308.3
9.2	9.4	9.4
10		10

0+00 { 7 $\frac{3}{2}$ Rt begin Picket fence
North Line Sterling Court

BM 0.43 317.66 ∇ 317.23 Nail in Pole #3624 SW. Corner Sterling & Altadena

317.66 ∇

1798 10° Rt to N.E. 30' End Tree

1791 5° Lt End wire fence

1763 9° Rt End wire fence

1761 ♀ Hits old wire fence (Hit Brush)

1736.5 ♀ Hits old wire fence - 4' Rt to corner.

1731 9° Rt begin old wire fence

1730

1712

1708 14° Rt End Picket Fence

306.05.7

300.1	299.1	297.3
6.0	7.1	8.8
10		10

302.1	300.6	299.2
4.0	5.5	6.9
10		10

304.6	305.1	302.2
1.5	1.0	3.9
10		10

306.05.7

Cont'd From Page 39

3+50

2+88

(Enter, and stay in until the end, very heavy brush.)

2+75

T.P.

0.09

292.81 π 13.33 292.72

2+70

2+20

2+13

(Leave brush)

306.05 π

L

R

Rt 40

287.9

7.9
10

284.9

7.9

281.0

11.8
20
B.D.

291.4

1.4
10

288.2

1.6

284.8

8.0
22
B.D.

292.5

0.3
10

291.9

0.9
Edge
Fill

285.2

7.6
20
Bottom
Pitch = B.D.

292.81 π

292.7

13.4
10

292.1

14.0

291.7

14.4
10
Edge
Fill

298.0

8.1
10

296.5

9.6
3

293.1

13.0

292.6

13.5
10

298.1

8.0
10

296.1

10.0

294.1

12.0

293.5

12.6
5
10

306.05 π

check 2.41 317.27 = 317.23

T.P. 6.97 319.68 0.10 312.71

T.P. 8.80 312.81 0.45 307.01

T.P. 11.74 304.46 0.09 292.72

4+65 End (what an end!)

4+00

292.81 ∇

277.2	274.8	270.8
15.6	180	22.0
10		7
		B.D.

284.9	281.6	277.9
7.9	11.2	14.9
10		19
		B.D.

292.81 ∇

Levels For Proposed Drain Between
52nd & Altadena - North of Landis.

Lt

Rt

Rt 42

T.P. 1.36 317.51 ∇ 12.53 316.15

10' Lt to E M.H.
1+25.00 \triangle Right

1+00

0+50

0+13

0+00 West Line of 52nd St

BM 1.56 328.68 ∇

327.12 1/2" pipe SE. Corner Landis ∇ 328.68 ∇
52nd

313.5
15.2
10' ∇
GRD

315.3
13.4
11.6
10

317.1
11.6
10

311.8
16.9
24
B.D.

314.2
14.5
10

316.4
12.3
5

318.2
10.5
5

318.8
9.9
10

316.7
12.0
10

318.3
10.4

319.5
9.2
10

BD

321.2
7.5
10

320.5
8.2

321.9
6.8
10

Bottom Ditch = PD

324.5
4.2
10

324.9
3.8

325.1
3.6
10

2+70 3² Lt to NE. 10' Euc. Tree Clump.T.P. 0.24 306.67 π / 108 306.432+50.44 \angle Left2+46 10² Lt to \angle M.H.

2+00

1+74 11² Lt. End fence1+66 2² Rt to NE. 4' Euc. Tree clump

1+60

1+32 { 12² Lt to fence
10² Lt to NE. T. Pole # 569302H1+25.5 \angle crosses fence317.51 π

302.7	306.5	310.7
14.8	11.0	7.3
17		10
BD		

305.5	305.8	308.5	311.5
12.0	11.7	9.0	6.0
21	11		10
BR			

307.9	308.6	313.0	315.1
9.6	8.9	4.5	2.4
15	10		10
BR			

317.51 π

check 339 327.11 = 327.12

T.P. 11.38 330.50 0.14 319.12

T.P. 12.90 319.26 0.31 306.36

4+08.74 East Line Altadena (Map)

295.8 295.2 299.2
10.9 11.5 12.5
10 17
B.D.

3+94

295.0 294.5 294.7
11.7 12.2 12.0
10 B.D. 14

3+70

295.7 295.5 295.3 295.2 297.9
11.0 11.2 11.4 11.5 8.8
18 10 7 10
B.D.

3+35

297.6 301.1 305.0
9.1 5.6 1.7
15 10
B.D.

3+00

299.7 300.1 303.1 306.7
7.0 6.6 3.6 0
25 15 10
B.D.

306.67X

306.67X

Levels For Proposed Drain Ely From
Altadena south of Sterling Court

Lt

E

Rt

45

1+25

291.7 293.8 294.8 296.0
8.5 6.4 5.4 4.2
18 15 10

Bottom Ditch = B.P.

T.P. 109 300.20 ∇ 12.78 299.11

300.20 ∇

1+00

298.0 298.8 299.5
13.9 13.1 12.4
10 10

0+50

306.1 306.1 306.4
5.8 5.8 5.5
10 10

0+00 East Line Altadena Avenue

309.6 309.7 310.3
2.3 2.2 1.6
10 10

T.P. 2.16 311.89 ∇ 12.31 309.73

311.89 ∇

T.P. 0.22 322.04 7.57 321.82

B.M. 12.16 329.39

Nail in FB 10 #3129

317.23 S.W. Corner

Altadena & Sterling (All benches from FB 2105 pg. 23)

Cont'd From Page 45

Lt

£

Rt 46

Check

12.55 317.24 = 317.23

T.P. 9.21 329.79 0.75 320.58

T.P. 10.65 321.33 0.12 310.68

T.P. 11.70 310.80 1.10 299.10

1+60 END

1+40

300.20 π

285.7	286.2	286.3	287.1
14.5	14.0	13.9	13.1
15	10		10
BR			

289.0	290.7	291.5	292.8
11.2	9.5	8.7	7.4
15	11		10
BR			

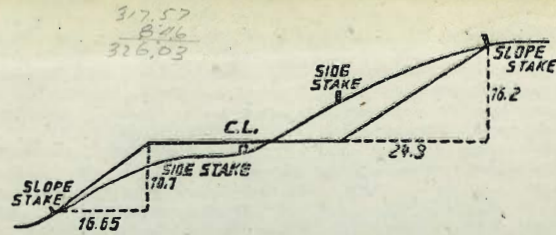
300.20 π

BM #3 327 B

1 1/2" pipe sewer handle + 5' 2" dia

89 55.3

369.90 = N.W. BP Meander + 40' ±
 366.05 = S.W. BP 40' ± + El.
 364.66 = S.W. BP Central + El. Coja



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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