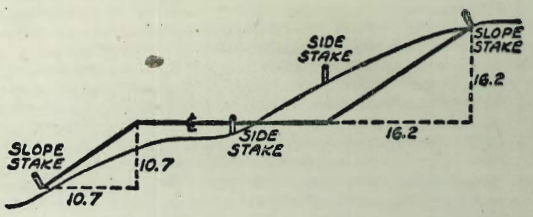
B-30



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.

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through page 16

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	.70	.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	.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	.985	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 1

Page

13-14 Stake sidewalk From 340 (785') East of 49th to 132' East of 47th on Imperial

17 15th & E. (N.W. cor.) stake Cbs.

18 28th & Marcey stake curbs

19 Imperial Ave. Blk 13 Las Alturas Lots H & J - Stake Curbs

21 Lot 15 OAK PARK ANNEX (52nd & WIGHTMAN)

23 - Curbs - NE cor Hugo & Scott

25 - W side of 72d. S. of El Cajon

27 - Pt Loma Ave & Santa Barbara

28 Lot 21 Blk 202 Pac. Beach.

29 - Lot 67 - Point Loma Villas.

31 Curbs NE Cor Swift & El Cajon

32 - " Harbison, El Cajon - Amherst

34 " E'ly ESTRELLA - S'ly OF TROJAN

5-25-49

WO# 21018

Permit # 3034

D Smith
W Moore
J Clark
F Acuna

Stake 125' of Curb on 30th St
Lots 5 to 9 incl Blk 207 Univ Hts

3' out in st (tacks)

1+41		358.69	5.64 6.23 F0.59
1+25		358.81	5.52 6.15 F0.63
1+00		359.00	5.33 5.97 F0.64
0+75		359.18	5.15 5.76 F0.61
0+50		359.37	4.96 5.57 F0.61
0+25		359.56	4.77 5.41 F0.64 3' out
0+00 = North Line Lot 5		359.75	4.58 5.27 F0.69 3' out
BM	3.30	364.33	361.03 SWL + 7' 7' [illegible] 30th & Lincoln

Indexed 7/20/50

2

LOT 5-9 BLK. 207 ADD. University Heights
OWNER Klicka Lumber Co.
CONTR. Carl S. Woosley
PERMIT NO. 3034

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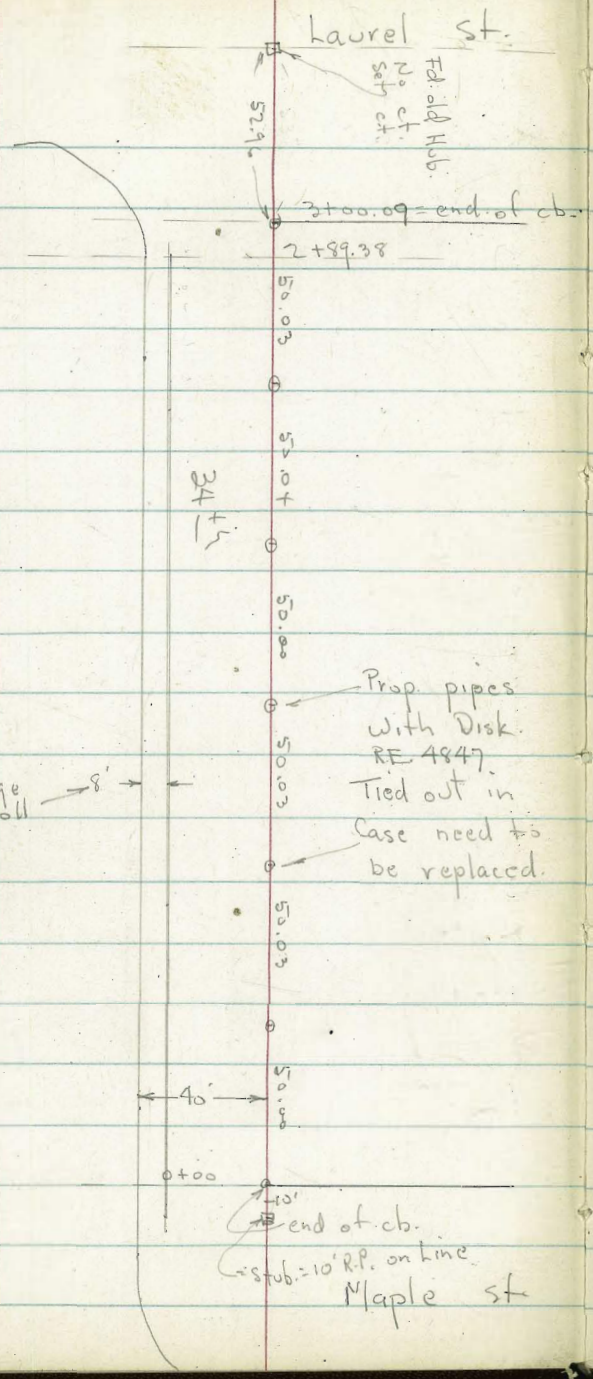


Stake Roll type curb. - on Prop. along W. line of 34th ± Bet Maple & Laurel

Nails - 3' out in st. from W.L.

6-20-49

7.0.

288.45 = S.E. Disk Teresita & Nutmeg

282.57 = Top Hyd. S.W. - Maple + 34th ±

= S.L. Maple

0+00 - Beg. cb.	78.42	278.72 / 8.42	F 0.30
+50	77.48	77.74 / 7.48	F. 0.26
1 ~	76.48	76.75 / 6.48	F 0.27
+50	75.47	75.76 / 5.47	F 0.29
2 ~	74.40	74.77 / 4.40	F 0.37
+50	73.29	73.78 / 3.29	F 0.49
+89.38 = Opp. PC on E	72.65	73.00 / 2.65	F 0.35
3+00.09 = N.L. Laurel	72.46	72.90 / 2.46	F 0.44

Stake Curbs & walk 50' on Tennyson
Lot 92.

stake 3' BK cb face

0+00 west prop line Lot 92 — 126.42 — 4.24 / 3.51 / C-0.73

0+15 — 126.19 — 125.68 — 4.98 / 3.72 / C-1.26 — C0.51

0+50 East prop line Lot 92. — 126.30 — 123.99 — 6.67 / 3.94 / C2.73 — C2.31

Used SW prop cor Mon Wells & Tennyson
also L&'Tack opposite West Prop of San Clemente
on South 5' line Tennyson

LOT 92 — Catalina Villa
OWNER Shafer
CONT Harmon — Perryman
PERMIT 4439

TP	0.61	118.47	12.80	117.86
TP	11.20	130.66	0.39	119.46
BM	12.93	119.85	—	106.92 SW Prop Mon Wells Tennyson

Stake Cbs & walk 100' on Tennyson
Lots 3 & 4

0+00 West Lot Line Lot 3 — 12.02 / 11.90 / C0.12 — 95.81 — 10.37 / 10.06 / C0.31

0+25 — 9.42 / 9.53 / F0.11 — 98.41 — 7.77 / 7.90 / F0.13

0+50 — 6.83 / 7.26 / F0.43 — 101.00 — 5.18 / 5.62 / F0.44

0+75 — 4.24 / 4.58 / F0.34 — 103.59 — 2.59 / 2.94 / F0.35

1+00 East Lot Line Lot 4 — 1.65 / 2.33 / F0.68 — 106.18 — 0.00 / 0.49 / F0.49

LOT ____ BLK. ____ ADD. ____
OWNER ____
CONTR. ____
PERMIT NO. ____

Indexed Raw

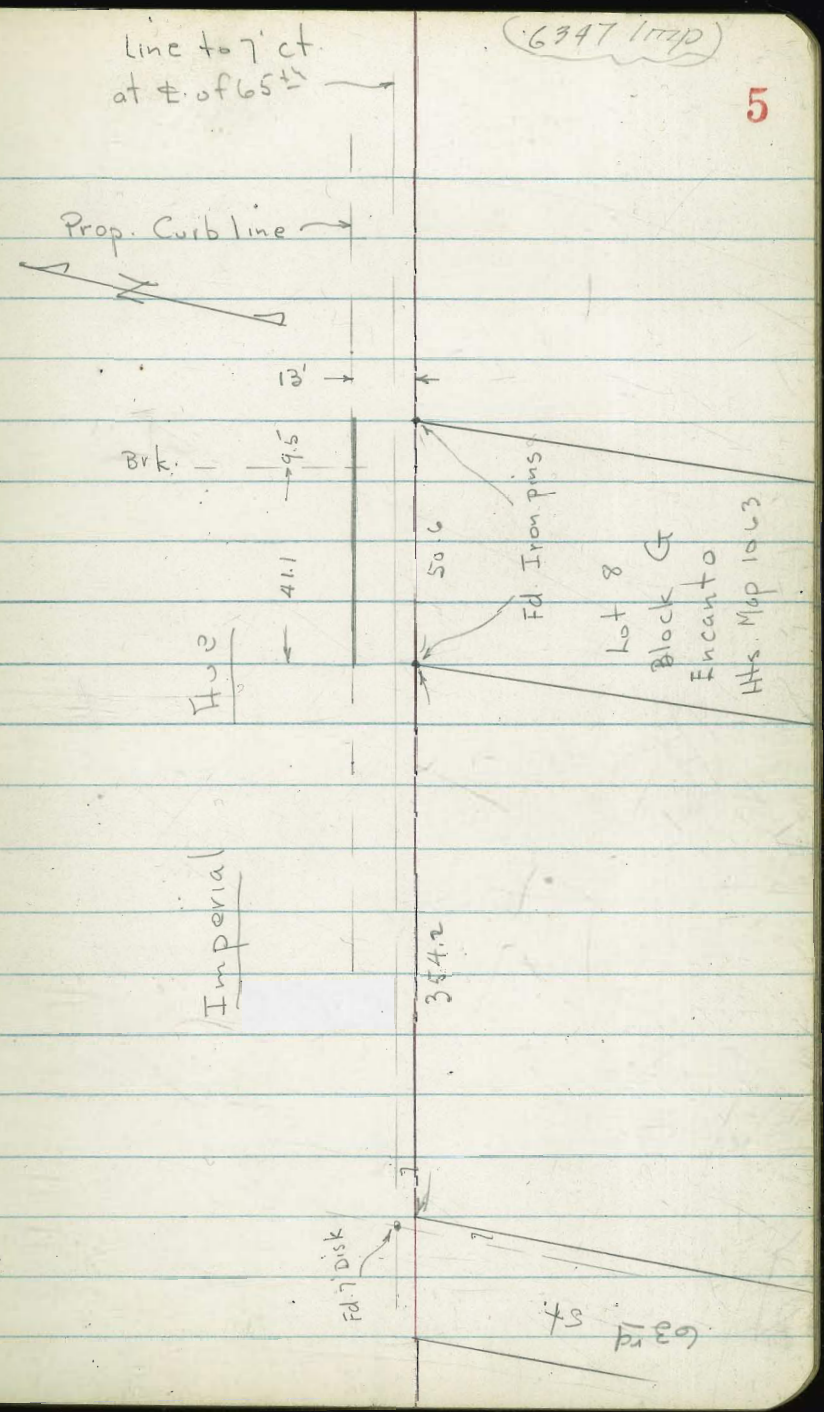
BM — 5.71 — 89.86 — 89.83 SE BP Catalina & Tennyson

TP	1.57	95.57	12.18	94.00
TP	0.49	106.18	12.78	105.69

Curb Stakes for Lot 8 - Block G
Encanto Hts. - Map 1063
4081 12-8-49 - 7.0.
W.O. 20007

0+00 = E.L. of 63rd on South.			
Exist cb.	209.25		
3+54.2 = opp. W.L. Lot	209.31	209.65 (31)	F 0.34
3+95.34 = Brk.	210.13	210.20 (13)	F 0.07
4+04.84 = E.L.	210.46	210.44 (46)	C 0.02
Exist Cb.	210.38		
B.M. - Top Hyd.		212.62	
S.E. - 63rd & Imperial.			

LOT 8 BLK. G ADD. Encanto Heights
OWNER S.D. Gas & Electric Co.
CONTR. Al Riley
PERMIT NO. 4541



Re Stake Curb on
Imperial Ave
East of 63rd.
from Notes on P-5

Walker
Flaroguy
Pope
R. Session.
12-30-49

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		Finish Stakes	Fl. Top Curb.	Fills	offsets
4+04.84	5.53	209.99	210.44	F0.45	3' Rt.
3+95.34 = Brk	5.85	209.67	210.20	F0.53	3' Rt.
3+54.2 P-5			209.65		
621	216.52	209.31		B.M. on Stake 3+59.2 P-5	

Roberts
Garber
Moore
Clark
2-14-50

Grade Stakes for Cb. & Walk in Warrington St From Tennyson St. to Line Point Loma Hts.
(Lot 1 BLK 20 Point Loma Hts)

Indexed

7

						Rt.
1+30						84.83 5.75 6.26 F0.51
	LOT 1 BLK. 20 ADD. Point Loma Heights					
1+05	OWNER.					84.92 5.66 5.25 C-0.41
	CONTR.					
	PERMIT NO.					
0+80						85.01 5.57 5.34 C-0.23
0+55						85.10 5.48 5.40 C0.08
0+30						85.18 5.40 5.43 F0.03
0+00	Exist. End Curb Rt.					85.28 5.30 5.28 C-0.02
	2.83	90.58				
BM			8.63	87.75 95.75	N/W Br. Pl 4 Tennyson & Alicia	90.58
	0.63	96.38				

Stake T
4 BK.
Cb. face

Curb Grades - Fenelon St.

Lots 10, 11, 12. Blk 46 - Roseville

Profile #1151

Ref. - Ties in FB 1776 - 37

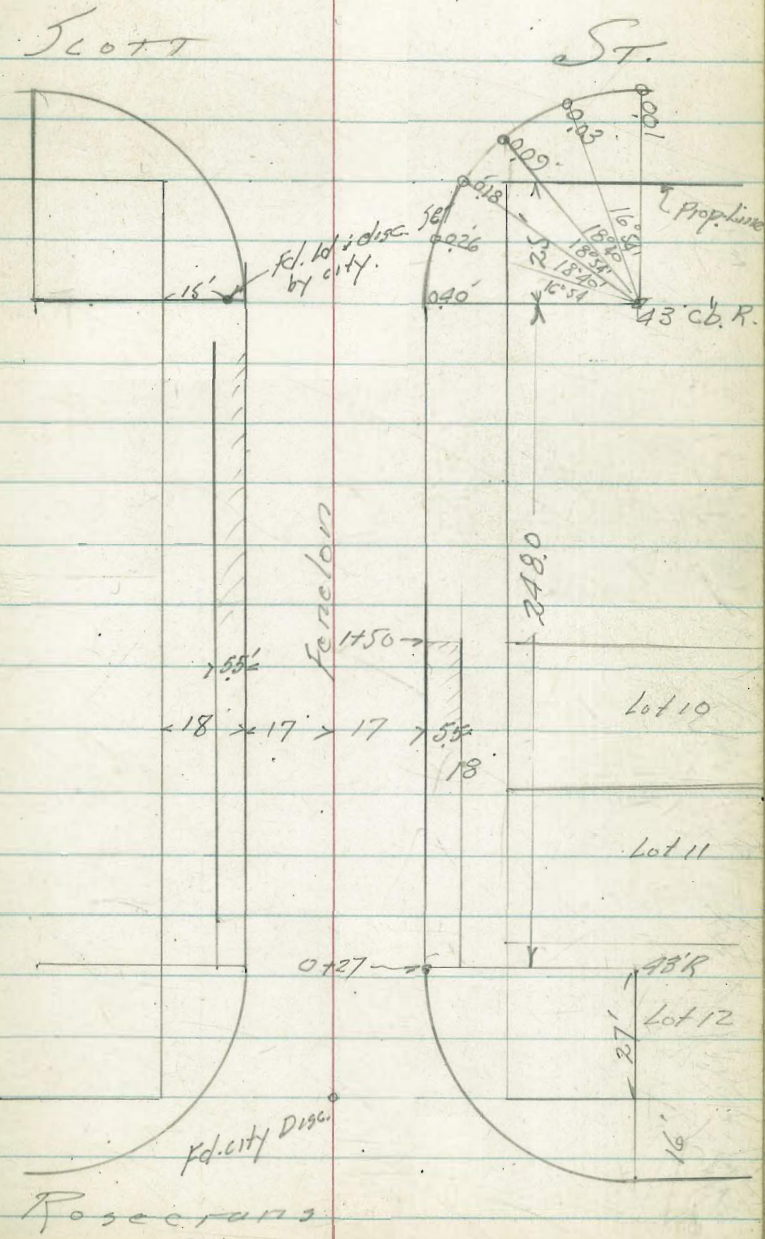
Walker
F. Gregory
G. Pape
R. Sission
3-21-50

WO 20007

		El. Top Cb.
3 +01.68 = Sta on cb Ret	Prop Line	0.18
2 +87.68 = Brk on cb Ret.		0.26
2 +75 = B.C. 43' cb R		0.40
2 +50	0.72%	0.59 ~~0.58~~
2 +00		0.96 ~~0.94~~
1 +50 = End Brk.		1.30
1 +00	0.89%	1.75
0 +50		2.20
0 +27		2.40

2.40 = B.M. on cb

LOT 10-12 BLK. 46 ADD. Roseville
OWNER H. G. Lewis
CONTR. Harry Arndt
PERMIT NO. 5675



Curb Grades: Scott St.

Walker
F. Gregory
G. Pope
R. Sission
3-28-50

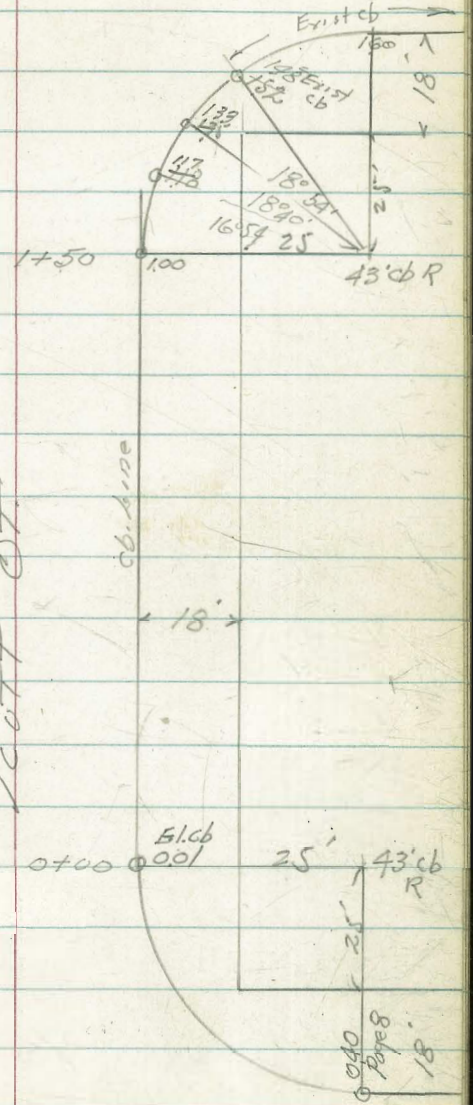
on W.L.Y. Side from Fenelon to Emerson.

Stakes set 6' from cb.

F.B. 1776 76

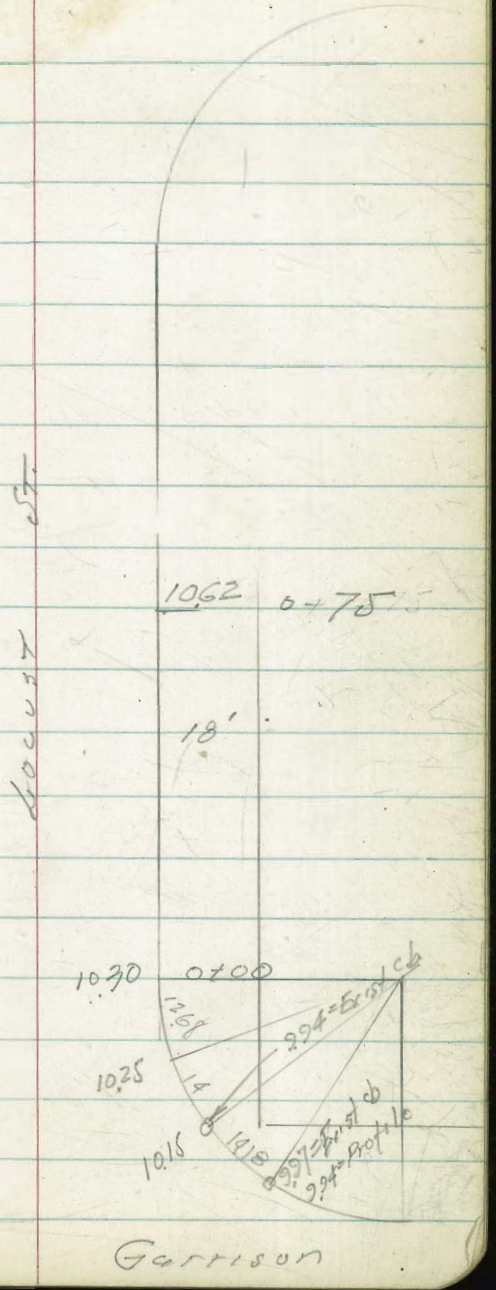
Chk. cb E.C = 60' Lt. 0.52	1.60 ✓
	El. curb.
1+50	1.00
1+05	0.70'
0+65	0.44
0+25	0.17'
0+00	0.01'
Temp. B.M. on stake	0.40

INDEXED
MAR 23 1951



Curb Grades - Locust St.

	11.08 = Profile
Chk HWL/ Top cb	11.10
0+75 = Exist cb	10.62 = Exist. cb
0+40	10.48
0+10	10.35
0+00	10.30
0-12.5	10.25
0-25	10.15 = 0.25 Above Exist cb which has settled



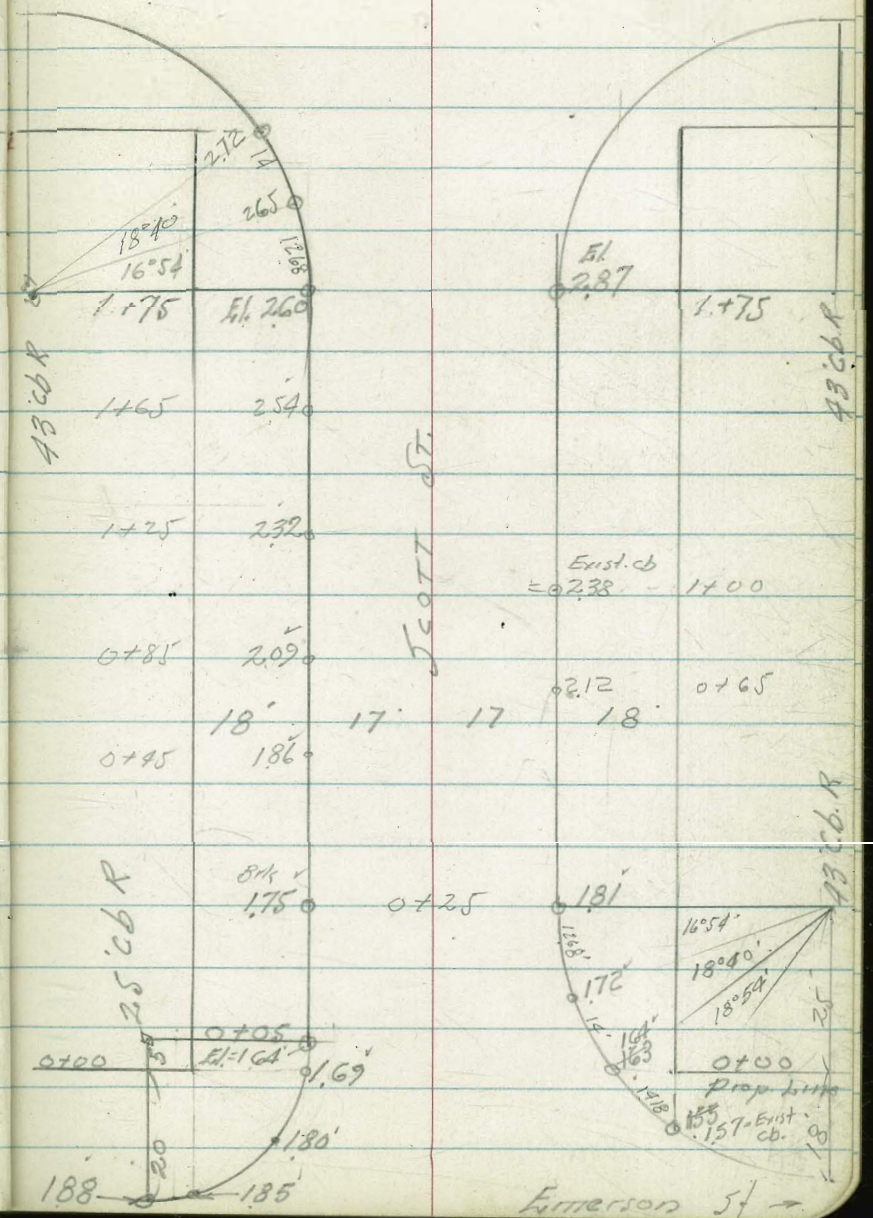
Curb Grades - Scott St.

Emerson to Dickens

Walker
F. Gregory
G. Pope
R. Sission
4-3-50

INDEXED
MAR 23 1951

Note: Grades from Plan 7834-L



~~Hr.~~ 4388
W.O. 20006

4-25-50
70.

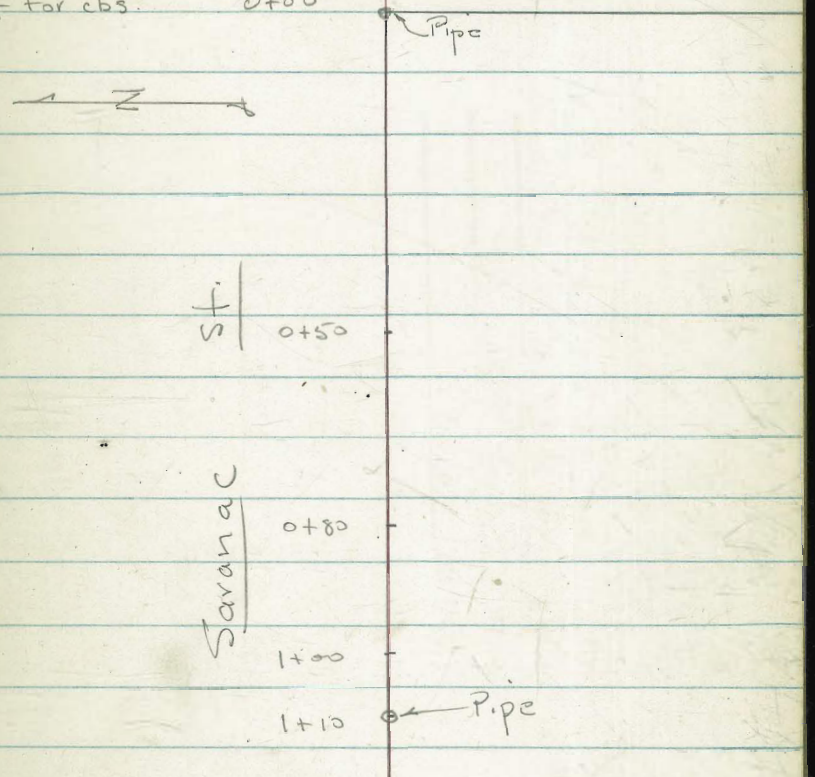
B.M. = Nail in Pole

531.00 = N.W. Cor.

0+00			
+50	26.22	527.20 (6.22)	F 0.98
+80	25.79	26.59 (5.79)	F 0.80
1+00	25.16	25.80 (5.16)	F 0.64
+10	24.68	25.25 (4.68)	F 0.57

Stakes on
Prop. Line.
Not for obs.

71st St.



Lincoln — WO# 20007

Stake Curb Imperial Ave — Westerly School @ 49th to Alley Line East 47th

LOT ___ BLK. 51 Part ADD. Horton Purchase
OWNER Bd. of Education - Lincoln High School
CONTR. Cast Stone Co
PERMIT NO. 5845

Station	Stake	Curb	Imperial Ave	2' BK Cb Face	Station	Westerly School	Alley Line	2' BK Cb Face
2+25		5.12 / 5.38 / Fo 26	140.92	4.16 / 4.40 / Fo 24	5+01	138.64	8.14 / 7.71 / Co 43	130.50 / 3.27 / 2.91 / Co 36
					TP	0.88 / 133.77	12.19	132.89
2+05		4.67 / 4.93 / Fo 25	141.37	3.71 / 3.92 / Fo 21	4+57		6.35 / 5.78 / Co 57	132.29 / 12.79 / 12.19 / Co 60
1+85		4.28 / 4.46 / Fo 18	141.76	3.32 / 3.39 / Fo 07	4+13		4.56 / 4.38 / Co 18	134.08 / 11.00 / 10.82 / Co 18
1+65		3.97 / 4.04 / Fo 07	142.07	3.01 / 3.04 / Fo 03	3+69	1.26 / 138.64	2.77 / 2.94 / Fo 17	135.87 / 9.21 / 9.47 / Fo 26
							8.66	137.38
1+45		3.72 / 3.69 / Co 03	142.32	2.76 / 2.65 / Co 11	3+25		8.38 / 8.66 / Fo 28	137.66 / 7.42 / 7.82 / Fo 40
1+25 BVC		3.54 / 3.40 / Co 14	142.50	2.58 / 2.38 / Co 20	3+05		7.60 / 7.94 / Fo 34	138.44 / 6.64 / 7.04 / Fo 40
0+85.33		3.23 / 3.30 / Fo 07	142.81	2.27 / 1.95 / Co 32	2+85	Fo 33	6.88 / 7.10 / Fo 22	139.16 / 5.92 / 6.10 / Fo 18
0+42.66		2.92 / 2.88 / Co 04	143.12	1.96 / 1.64 / Co 32	2+65		6.22 / 5.77 / Fo 55	139.82 / 5.26 / 4.99 / Co 27
0+10 W. End Existing Cb on Imperial		2.61	143.43	1.65 / 1.63	2+45		5.64 / 6.07 / Fo 43	140.40 / 4.68 / 5.10 / Fo 42
B.M. 8.15	146.04		137.89	48th & Imp.				
B.M. 7.19	145.08		137.89	SL & T 48th & Imperial				

2' BK cb

7+~~35~~ 25		7.68 7.63 Co 05	120.16	4.03 4.42 Fo 39	
7+05 ~~7+15~~		6.73 6.75 Fo 02	121.11	3.08 3.61 Fo 53	
TP	1.97	124.19	11.55	122.22	
6+78		5.46 5.43 Co 03	122.38	11.39 11.55 Fo 16	
6+51.5		4.10 4.22 Fo 12	123.74	10.03 10.30 Fo 27	
6+25		2.75 2.85 Fo 10	125.09	8.68 8.93 Fo 25	
6+05	0.75	127.84	1.78 1.76 Co 02	126.06	7.71 7.73 Fo 02
			11.55	127.09	
5+85		11.66 11.55 Co 11	126.98	6.79 6.70 Co 09	
5+65		10.78 10.55 Co 23	127.86	5.91 5.70 Co 21	
5+45		9.93 9.69 Co 24	128.71	5.06 4.89 Co 17	
		138.64			

B.M.			7.68	112.16	SE. COR. 47th & Imp.
	3.76	119.84			
			11.76	116.08	
		127.84			
					137.89
BM (Starting)			-3.33	137.91	
TP	6.97	141.24	0.14	134.27	
TP	10.93	134.41	0.71	123.48	
		10.19 11.76 F1 57	117.65		
2' BK End cb Prop			~~118.01~~	6.18 8.07 F2 09	
7+93 BC 2' Rad		10.29 11.89 F1 60	117.55		
7+85		9.93 10.90 Fo 97	117.91	6.28 8.35 F2 07	
7+~~75~~ 65		9.28 9.66 Fo 38	118.56	5.63 6.44 Fo 81	
7+~~55~~ 45		8.53 8.65 Fo 12	119.31	4.88 5.60 Fo 72	
		127.84			

Roberts
Cota
Moore
Clark
Oct. 3, 1950
WO 20007

Curb Stakes On Everts
Lot 24 PL 1801 100' So. Pac. Bch. Dr
on West Side Everts
Pref. 2341

INDEXED
MAR 20 1951

0+80		12 58 6.47 6 11 6 21 F 0.10		
0+60		12 58 7.00 5 58 5 48 C 0.10		
0+40		12 58 7.28 5.30 4 93 C 0.37		
0+20		12 58 7.30 5 28 5 19 C 0.09		
0+10		12 58 7.26 5 32 5 42 F 0.10		
0+00 {Prop. Line Pac. Bch. EC		Exist. 12 58 7.23 5.35 5 33 ✓	1+00 End Job	12 58 5.77 6.81 6 94 F 0.13
BM	5.18	12.58	7.40	NWBP Everts & Pac. Bch. Dr.

INDEXED
MAR 20 1951

7x7
□ Fd Mon

WO# 20007
2-19-51

Stake Curb Sutherland St.
in front Sunshine Biscuit Co.

Kurtz St

	11^{64}	□	$3+00^{11}$
12^{22} CO^{93}	11^{29}	□	$2+87^{5}$ Staked 3' bk c6 face.
11^{54} CO^{84}	10^{70}		
10^{28} CO^{18}	10^{10}	□	2+45
9^{93} CO^{39}	9^{54}	□	2+25
9^{71} CO^{73}	8^{98}	□	2+05
9^{05} CO^{63}	8^{42}	□	1+85
8^{96} CO^{08}	7^{88}	□	1+65
	7^{39}	□	1+45
	6^{93}	□	1+25
	6^{53}	□	1+05
	4^{75}	□	0+13
	4^{75}	□	0+00

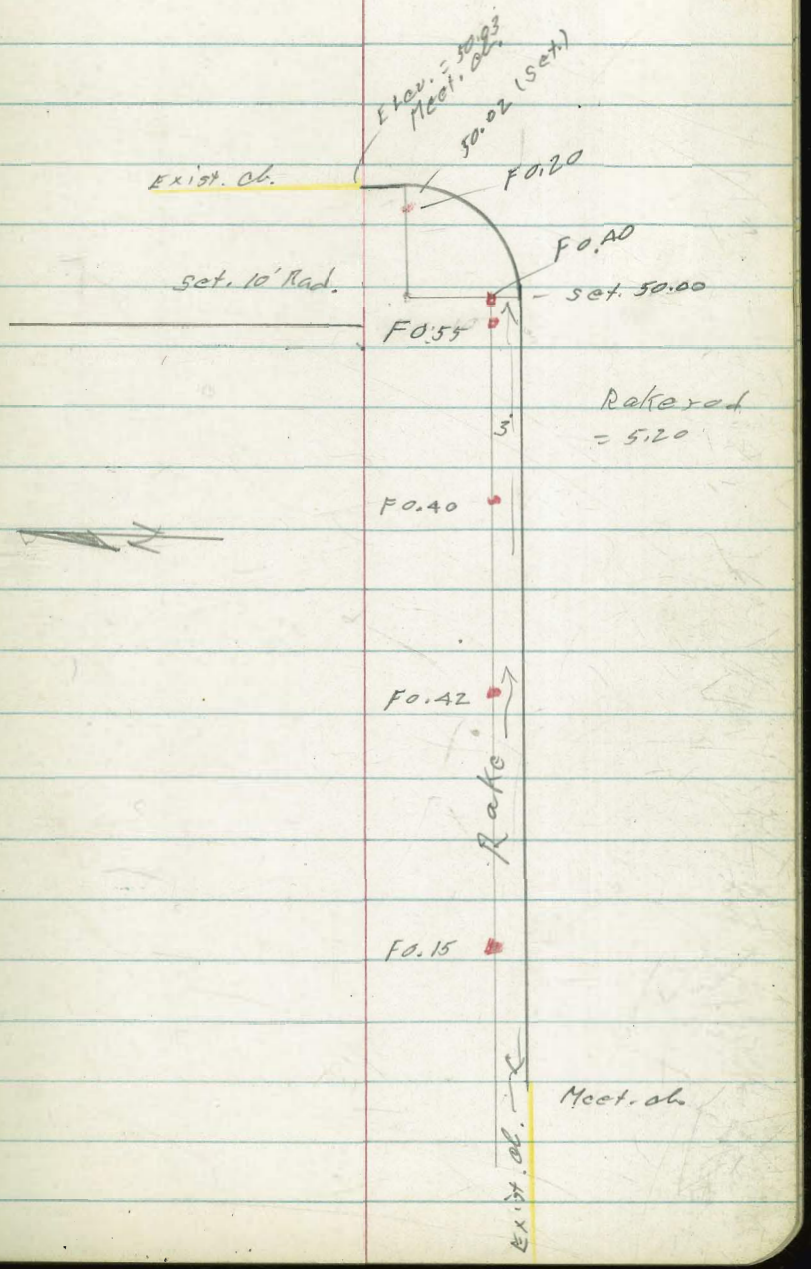
BM.

H 31 NW chisel □
Pacific & Sutherland Fd. L&T
FB 2075-20
7x7
N Ecor
Pacific & Sutherland
East Prop.
0+00 Pacific

"E"-St. Nly side
West of 15th St.

Sommermeyer
Begg
Wiercisweszki

28-Mar. 1951
W.O.



S.E. Cor. Marcey & 28th

50' ct. & 10' Rct

For Street Dept.

19-Apr. 51

At Logan Hgts Library

No. 20008

Sommermeyer

13-C99

R. Sisson

D Fleming

Tie sheet # 362

Profile # 621

yellow = existing ct. & walks.

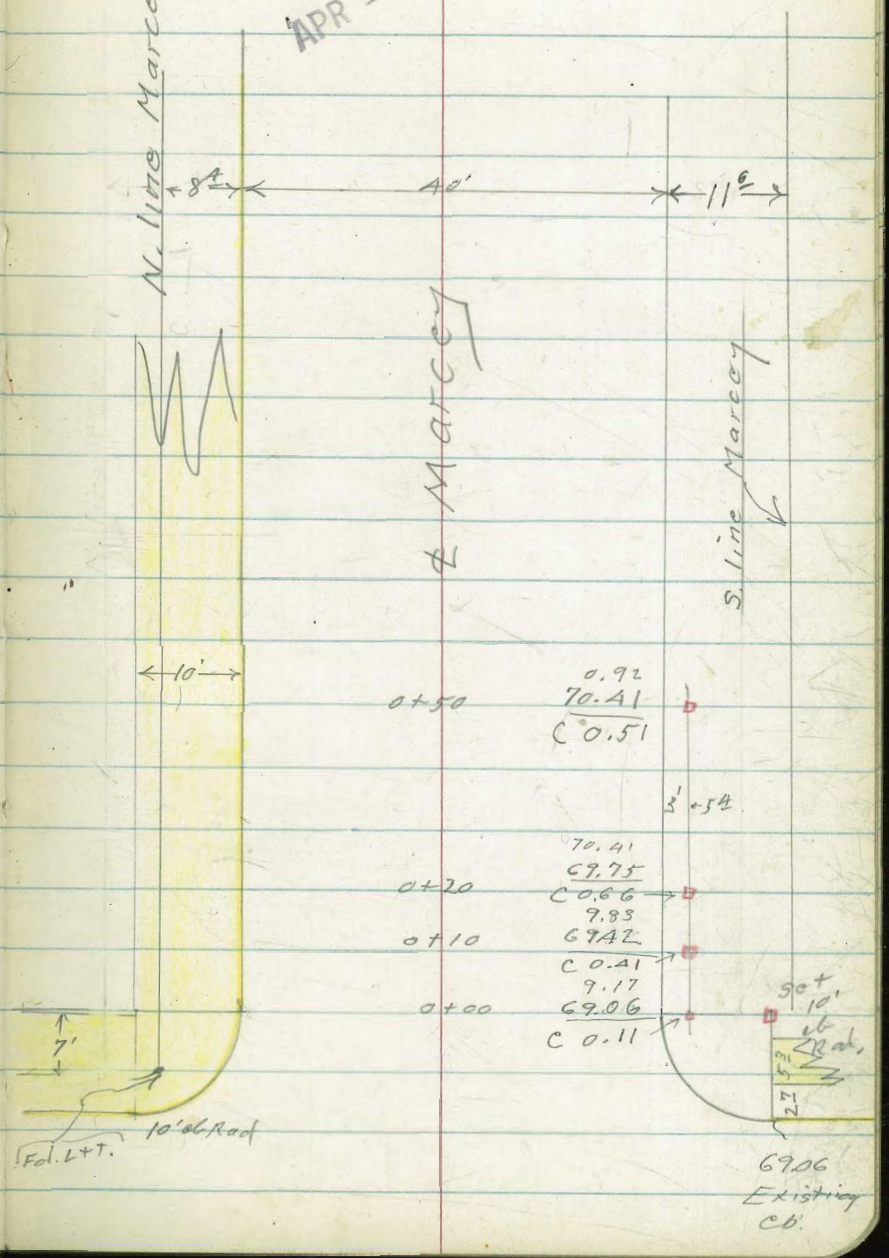
Staked as located on sketch so as to conform to Exist. Imps.

N.W.B.P. Logan & 28th EL. = 66.02

Direct Elev. Rod. used.

E.C. grade set at 69.6 same as B.C.

INDEXED
APR 19 1951



Lots H + I Blk 13

Las Alturas #4

on Imperial - west of San Jacinto

9-6-51
Sommermeyer
Bagg
R Sisson
C Ford

Map 2052
F.B. 2005
T.P. sheet 3334

= Fd. L+T.

stakes 3' back of sd. face

1036 Rad. = stake line Rate = 1.659' per ft.

B.M. = ℄ L+T. San Jacinto + Imperial = 155.17

FB 2005
10

LOT H1 BLK. 14 ADD. Las Alturas
OWNER Roman Cath. Bishop of SD
CONTR. Milton & Sykes
PERMIT NO. 51487

INDEXED
Law
SEP 24 1951

19

℄ San Jacinto

8.41
157.35
C- 1.06

0+00 Def.= 0°-17'

9.11
156.84
C-1.27

0+10.26 B.C. - ℄ R = 1000.

Lot I

9.15
158.31
C 0.84

0+25

0+50

159.10
C- 0.34

Rate = .0314 per ft.

Lot H.

1+00

160.67
C 0.88

Lot G

3.24
162.24
C 1.00

1+50

33'
To curb line

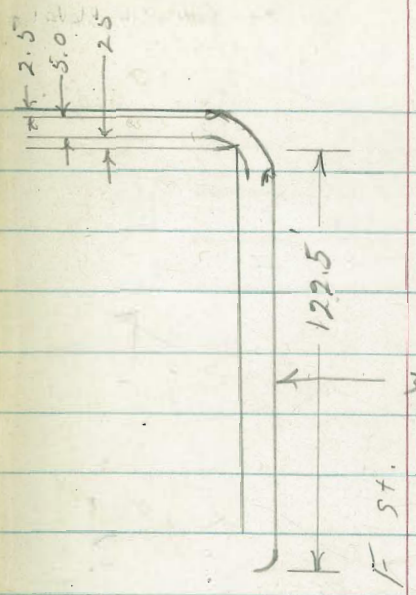
℄ Imperial

2-13-52
Hardin
Hatch
Pearson

W.O. 20007

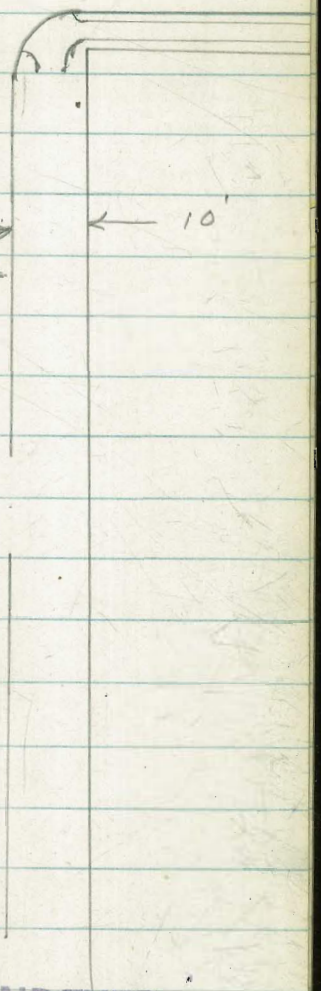
Curb Stakes
Blk 3 - Sun Harbor
Lot 23
3980 - F Street

0+00 = P.C. Cb. Ret.	5.75	
0+30	5.05	5.51 C 0.46
0+60	4.34	4.72 C 0.38
0+90	3.64	3.94 C 0.30
1+10.5 P.C. Alley Ret	3.16	3.16 Gr.



40+4

20



INDEXED
FEB 14 1952

Clark 3-29-52
Shephard W.O. 20007
Bruner
Bryson

CB. STK'S. LOT 15 OAK PK. ANNEX

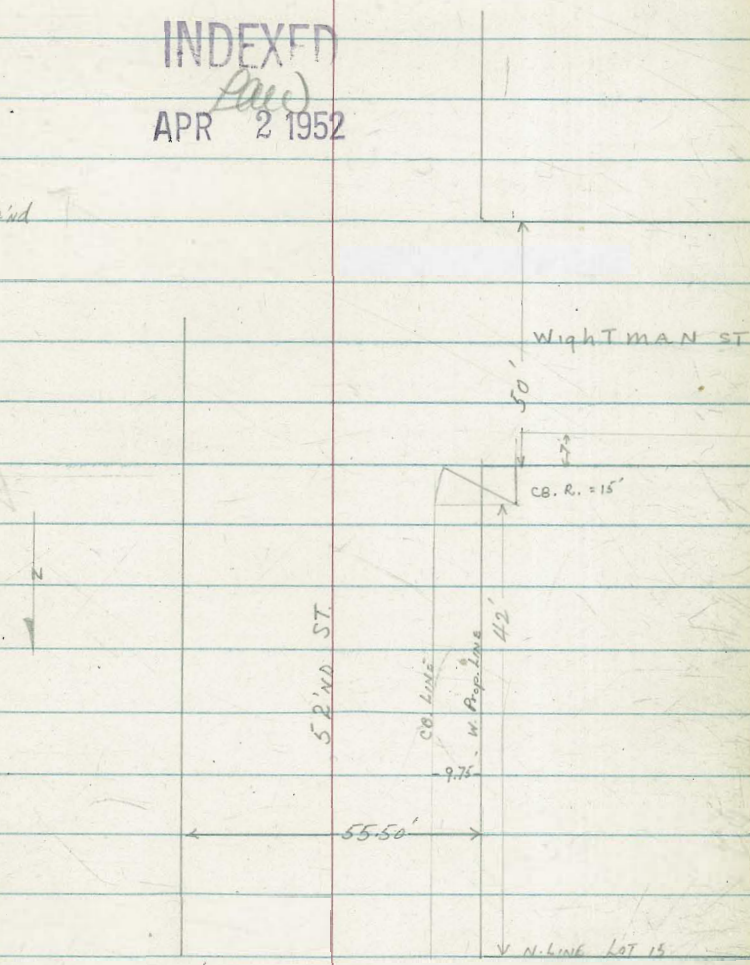
LOT 15 BLK. ADD. Oak Park Annex
OWNER R. R. Cooper
CONTR. Same
PERMIT NO. 60988

INDEXED
APR 2 1952

Check. 315.58 315.57 Elev B.P N/W UNIV. + 52'nd

#1 at N.L. Wightman	331.43 331.75 F0.32	
0+42 = CB. BC	331.52 331.95 F0.43	
0+30.08 Brk	331.60 332.00 F0.40	
0+21	331.70 332.05 F0.35	
= 0+00 Begin CB. N. Line Lot 15	Rod. 332.00 Elev. 332.15 F 0.15	

Stkc set 3' bk CB FC.



315.57 Direct-Elev Rod 315.57 B.M. N/W B.P. University + 52'nd

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

Stake Cbs NE Cor

LOT Portion 1 BLK. ADD. Lemon Villa
OWNER Perry & Douglass
CONTR. Fritz Nachant
PERMIT NO. 87180

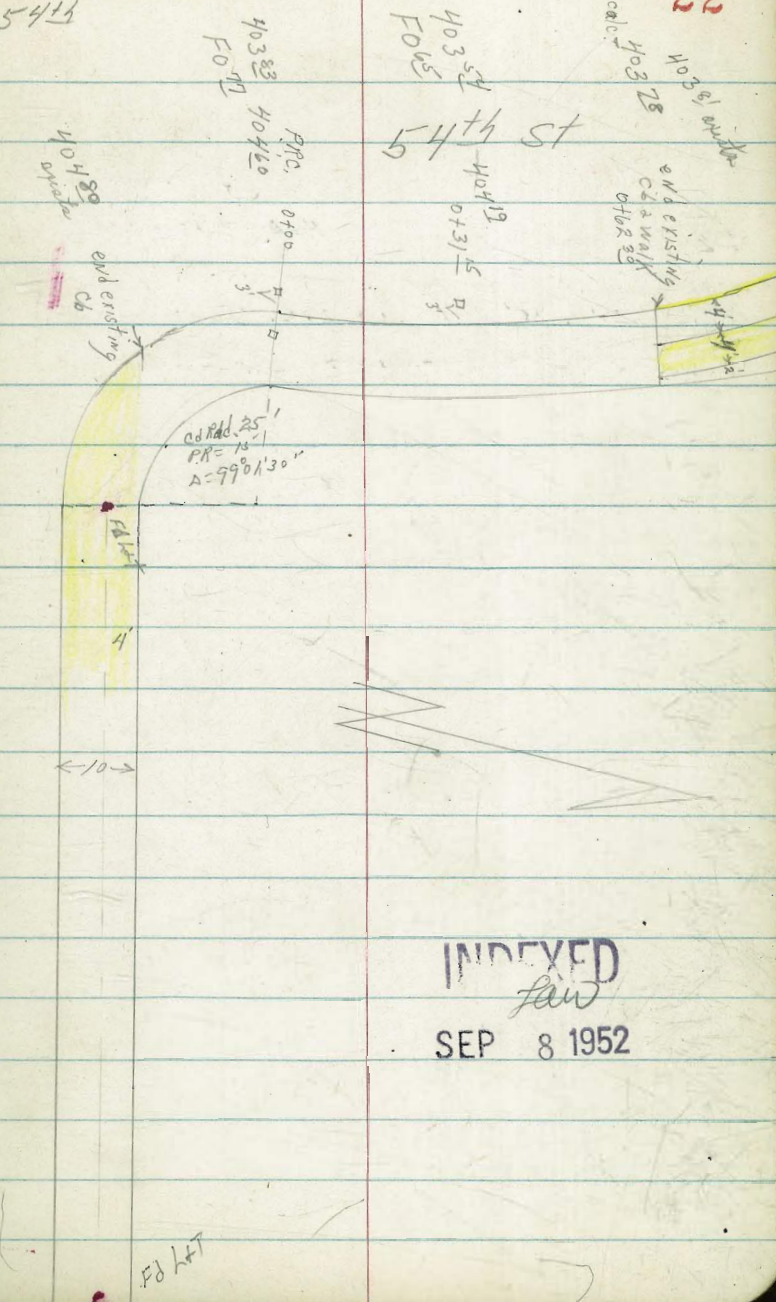
PERMIT NO.
CONTR.
OWNER
LOT BLK. ADD.

BM 419.31 NEBP Dayton, El Cajon

54th & El Cajon
ON 54th

WO# 20007
9-5-52

22



INDEXED
SEP 8 1952

242' curb + walk

N.Ely. Hugo + Scott

9-22-52

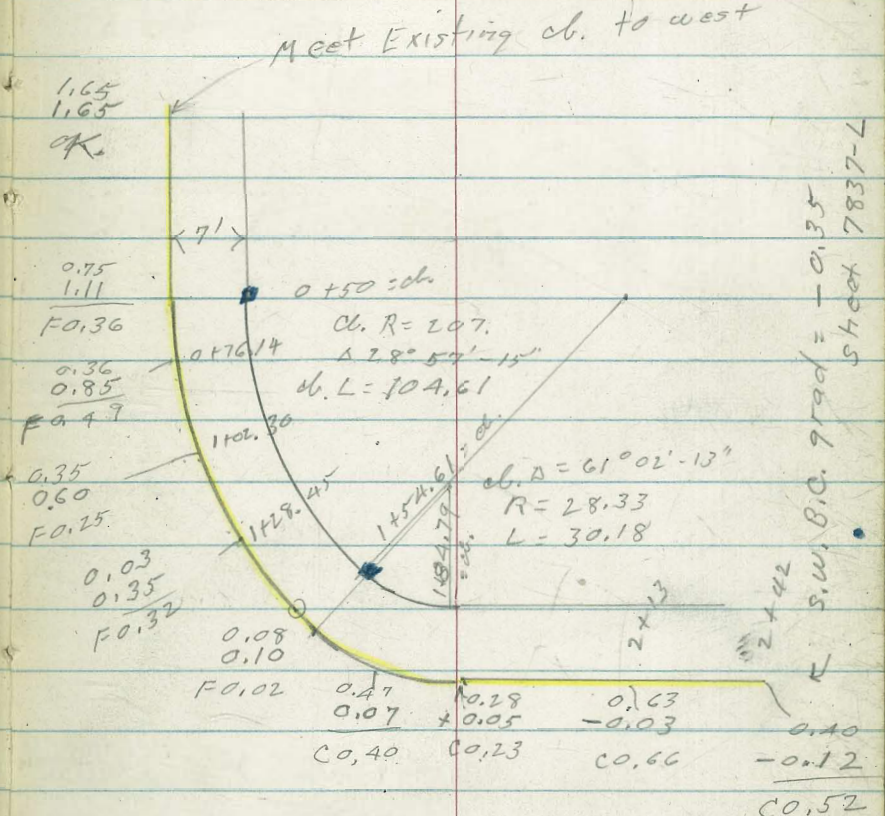
CHS
Begg
Altman

sheet 7837-L
F.B. 2129-47

B.M. = S.w.ly. 15' disk on B.C. Garrison
at Scott + Garrison El. = 1.51

Stakes set 3' back of cb. face.

0+50 to 1+54.61 - Int. 4 Parts
Chord = 25.75 @ 3°-37'-10" each



INDEXED
SEP 23 1952

Stake 100' of curb on E. side of 72nd
N. of El Cajon -

#6575 9-29-52 7.0.

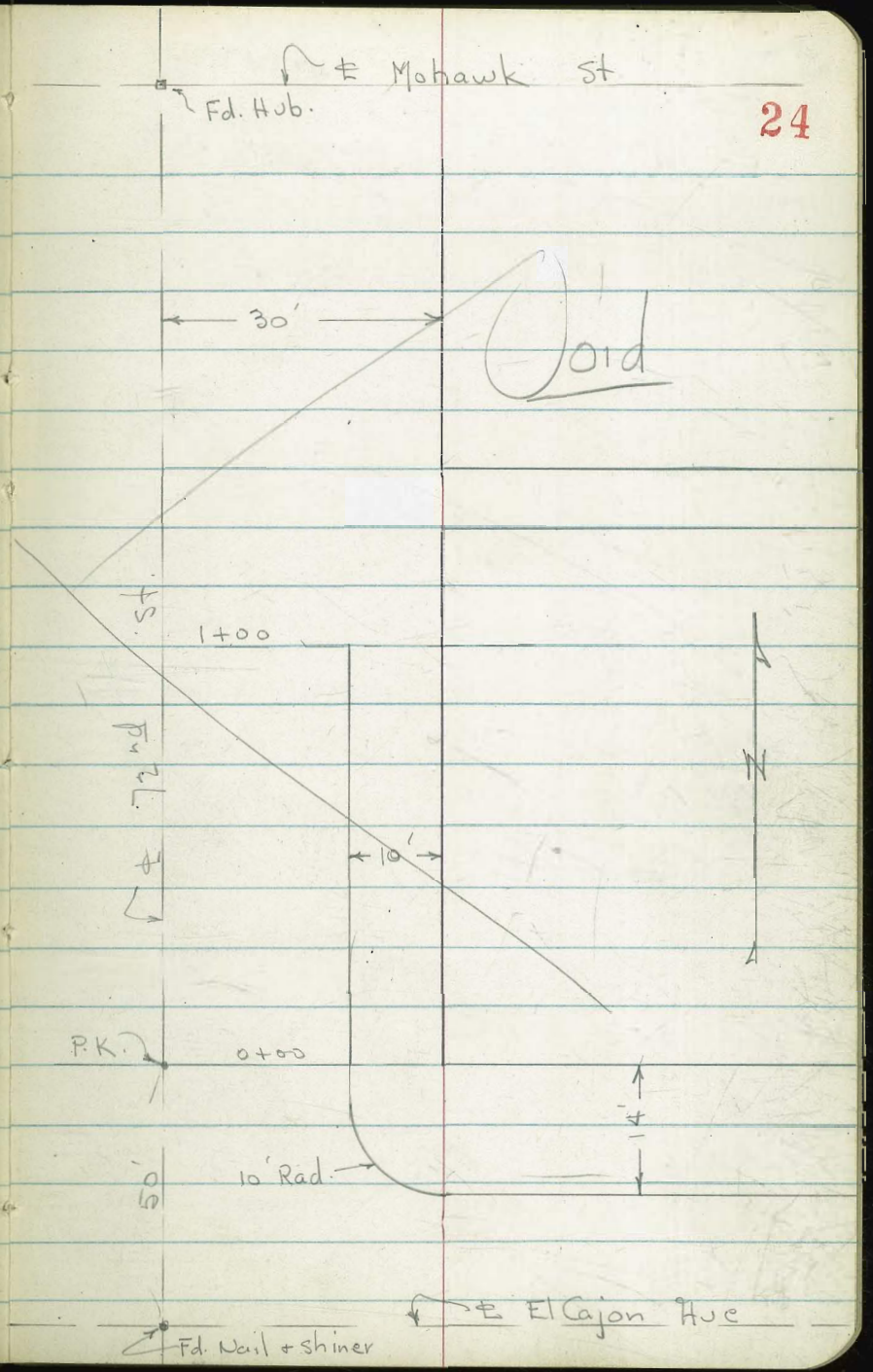
W.O. 20007

Exist. cb. = P.L. El Cajon
0+00 = End of Meet. 480.10

+06	81.88	80.35 (1.88)	C 1.53	
+16	82.16	80.94 (2.16)	C 1.22	
+60	84.56	84.05 (.56)	C 0.51	
1+00 = end	86.83	86.41 (.83)	C 0.42	

3' Back.

B.M. = S.W. B.P. 72nd & El Cajon 480.44



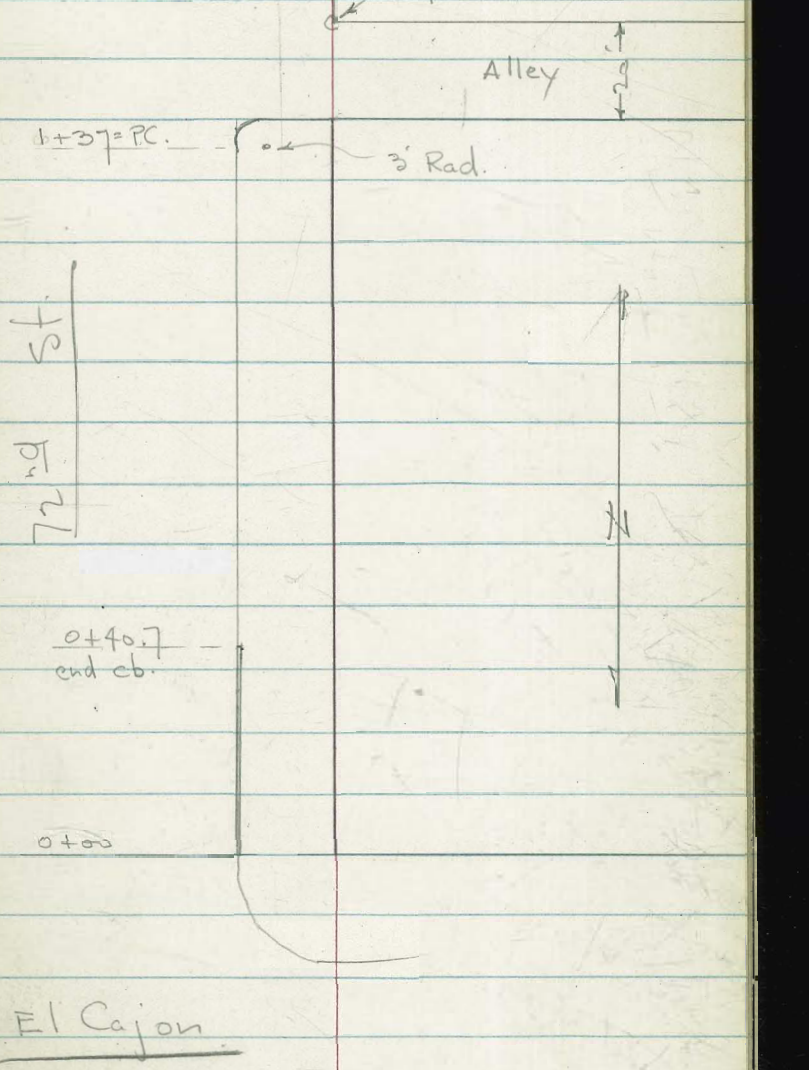
INDEXED
OCT 2 1952

Stake 100' of cb. & Alley Ret. on W. Side of 72nd - S. of El Cajon.

#6575 10-1-52 - 7.0.

W.O. 20007

0+00 = S.L. El Cajon		80.21
0+40.7 = end cb.		79.25
+70	78.82	78.97 F 0.15
+90	78.37	78.84 F 0.47
1+15	78.02	78.74 F 0.72
+37 = P.C. 3' Rad.	77.93	78.65 F 0.72
P.C. - To S.	77.93	78.70 F 0.77
end at w.L.	78.10	78.84 F 0.74



Lots 15 & 19 - Blk 373
E.O. Rogers Sub. of Old Town

Stake 35' of curb for Driveway on Sly. Side of Moore St. Bet. Rosecrans & Gaines

#6586 10-6-52 7.0.

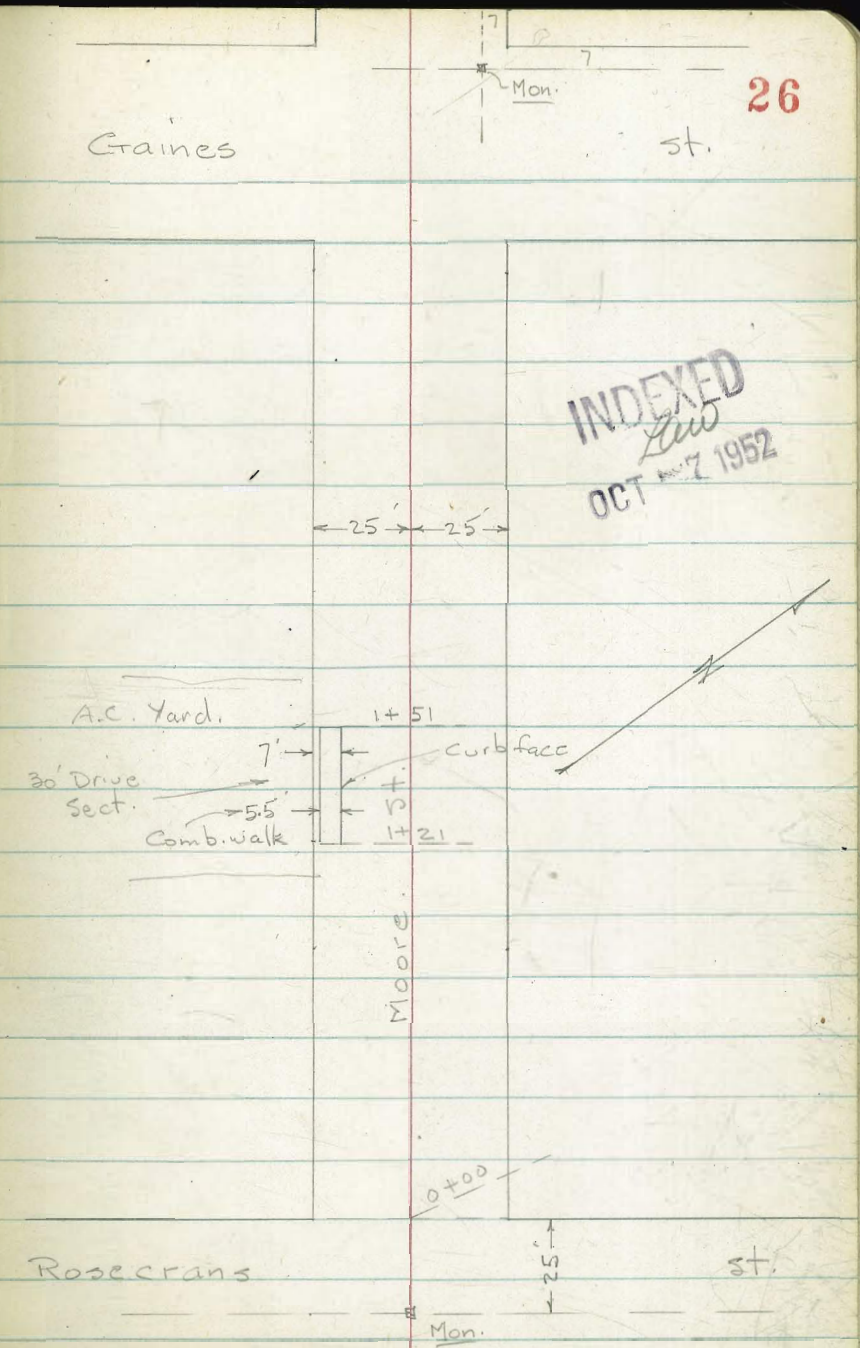
W.O. 20007 + Moore Book 2173 - P.4

B.M. = Nail in Nly. Pole - Gaines 4.44

0+00 = Wly. Line of Rosecrans

1+21	3.54	3.17	C 0.37
1+51	3.30	2.99	C 0.31

LOT 15-19 BLK. 373 ADD. E.O. Rogers Sub
OWNER Callahan Bros
CONTR. Dance
PERMIT NO. 90629



4356 - Point Loma Ave

Lots 6+7 - Blk. Pt. Loma Hgts

C.H.S
Oltman
Begg
Johns

10-17-52
W.O. 20007

EL. = 188.52

B.M. = S.E.B.P. Pt. Loma Ave & Santa Barbara

yellow denotes existing curb.

Red: denotes curb staked. (75')

Data from work sheet by Johnson.

stakes 3' back of cb. face

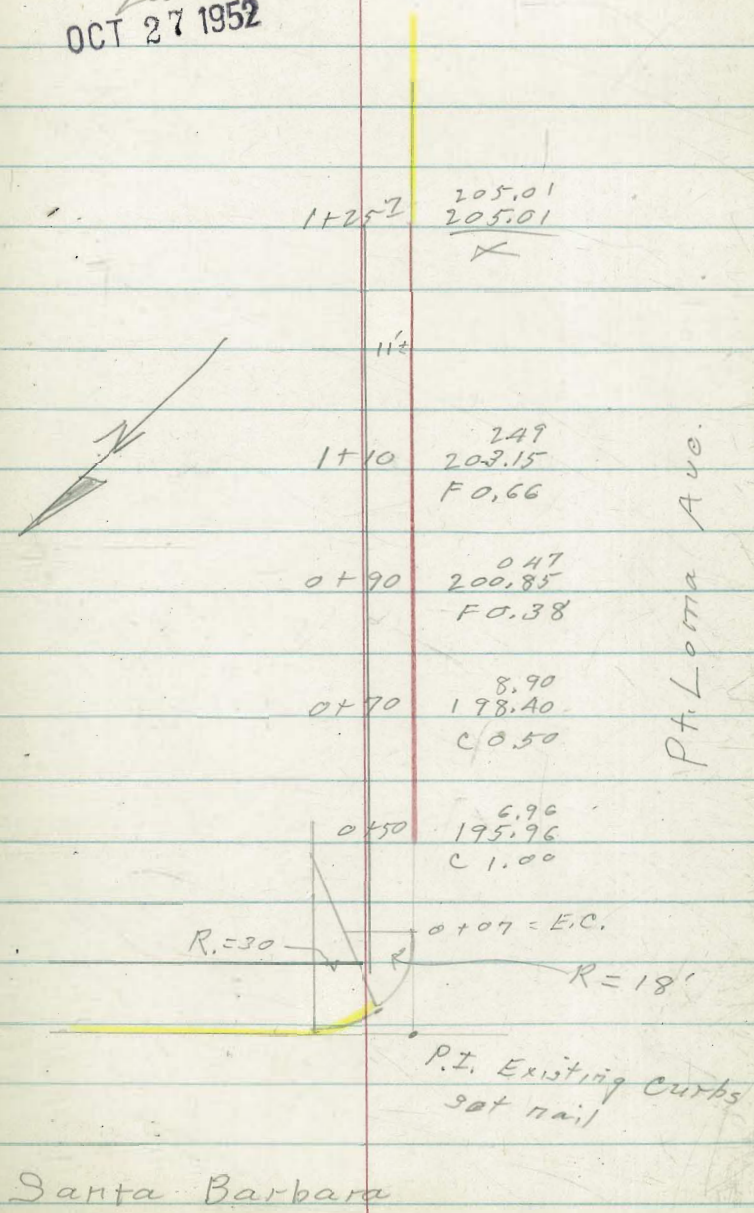
Note.

check map for Blk. #

I do not have map.

LOT 283 BLK. 77 ADD. P.L. Hts
OWNER Marshall
CONTR. Al Riley
PERMIT NO. 87577

INDEXED
Law
OCT 27 1952



Lot 21 Blk. 202. Pac. Beach

Indexed

CHS
Begg
Altmon
Johns

10-20-52
W.O. 20007

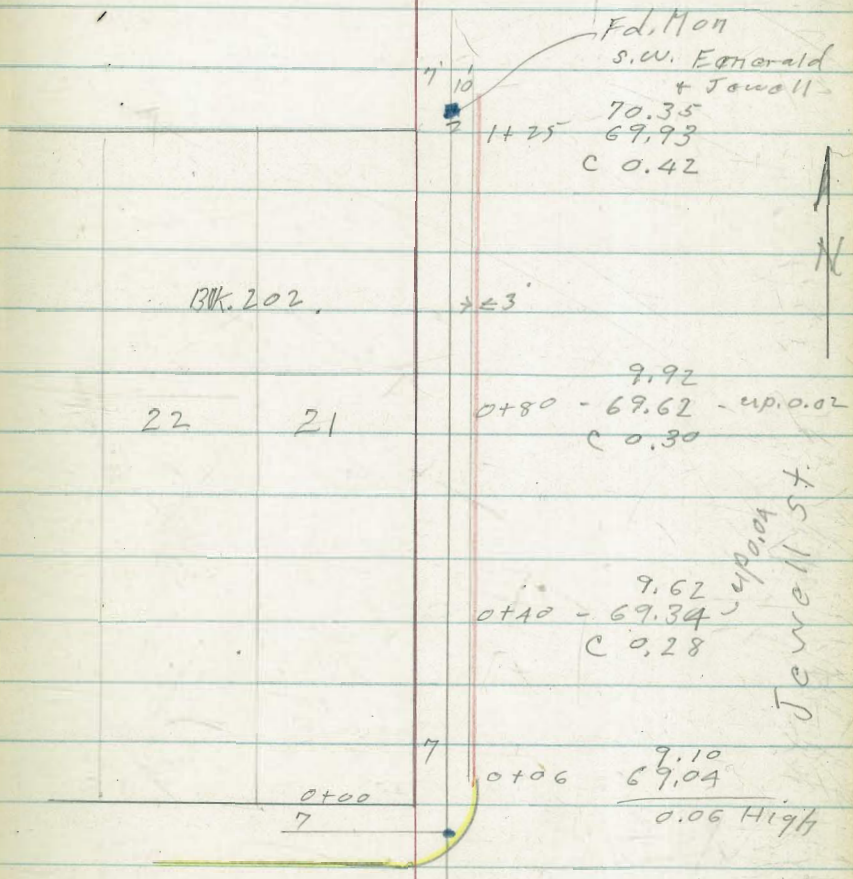
■ denotes Fd Conc. Mon
● " " L+T

Stakes set 3' back of ck. face.

Red denotes curb staked (119')

Profile # 1707

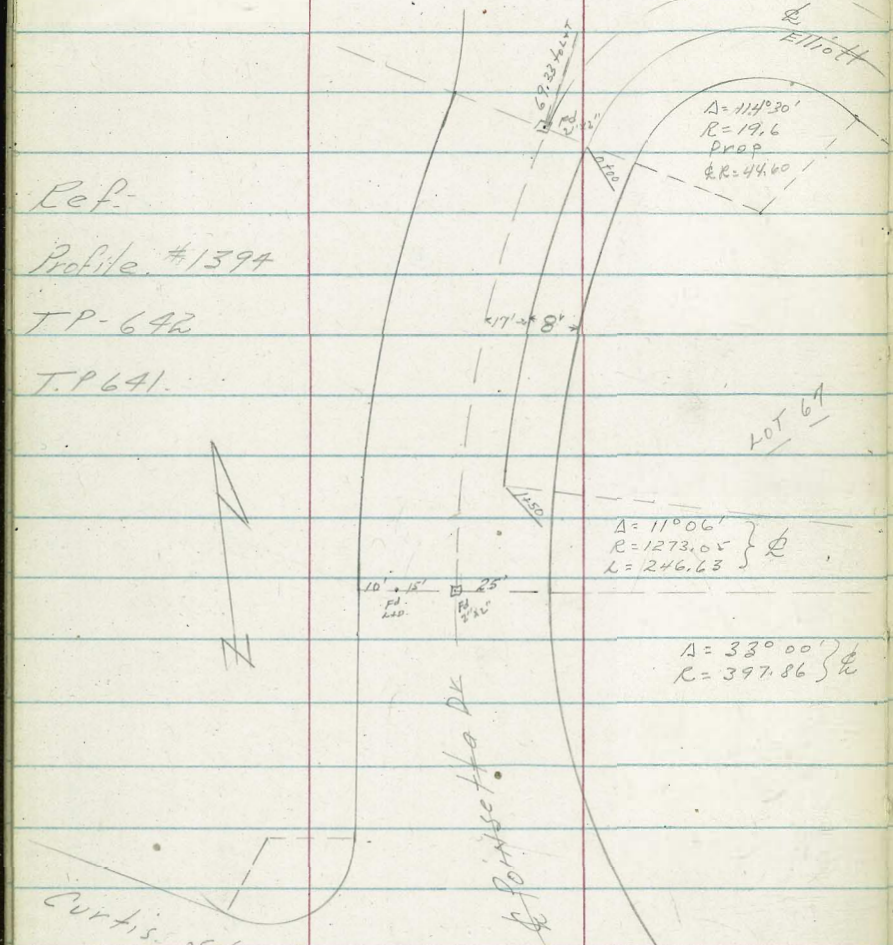
Rate of grade = .7%



Garnet

Allen
Taylor
Parks

Stake 150' Curb along
Lot #67 - Point Loma Villas
Poinsetta Drive
W.O. # 20007
11-10-52



Ref-

Profile #1394

T.P-642

T.P 641.

INDEXED
NOV 14 1952
Law

29

Curbs changed to
8' Curbs on East.

	Curb Gr	Stake	
1+50 (St/Lot #67	139.70	139.77	
1+38 ±	139.90	140.15	C-0.25
1+13 ±	140.20	140.22	C 0.02 ±
0+88 ±	141.30	140.09	F 1.21
0+63.6	142.50	141.10	F 1.40
0+38 ±	144.20	142.41	F-1.79 ±
0+00 (C6 EC)	146.80	146.95	C-0.15

Void
See Page 30

Tape Rod used
(Formerly Villa)

BM = S.E. BF - Poinsetta Dr & Elliott (150 35

LOT 67 BLK. — ADD. Pt Loma Villas
OWNER L H & Mrs Dowdy
CONTR. V R Dennis Co
PERMIT NO. 98111

5e - page 29

8' Curbs

	C&G Gr.	Stake	
1+50 Sly of lot 67.	139.70	139.83	CO 13
1+38 6	139.90	140.03	CO 13
1+13 6	140.20	140.36	CO 16
0+88 6	141.30	140.97	FO 33
0+63 6	142.50	142.05	FO 45
0+38 6	144.20	142.90	F 1.30
0+00. C&EC. Poinsettia	146.80	146.84	C 004

BM = S.E. BP - Poinsettia Dr. (formerly Villa Dr.) Tape reduced. ELLIOTT 15 (150.39')

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

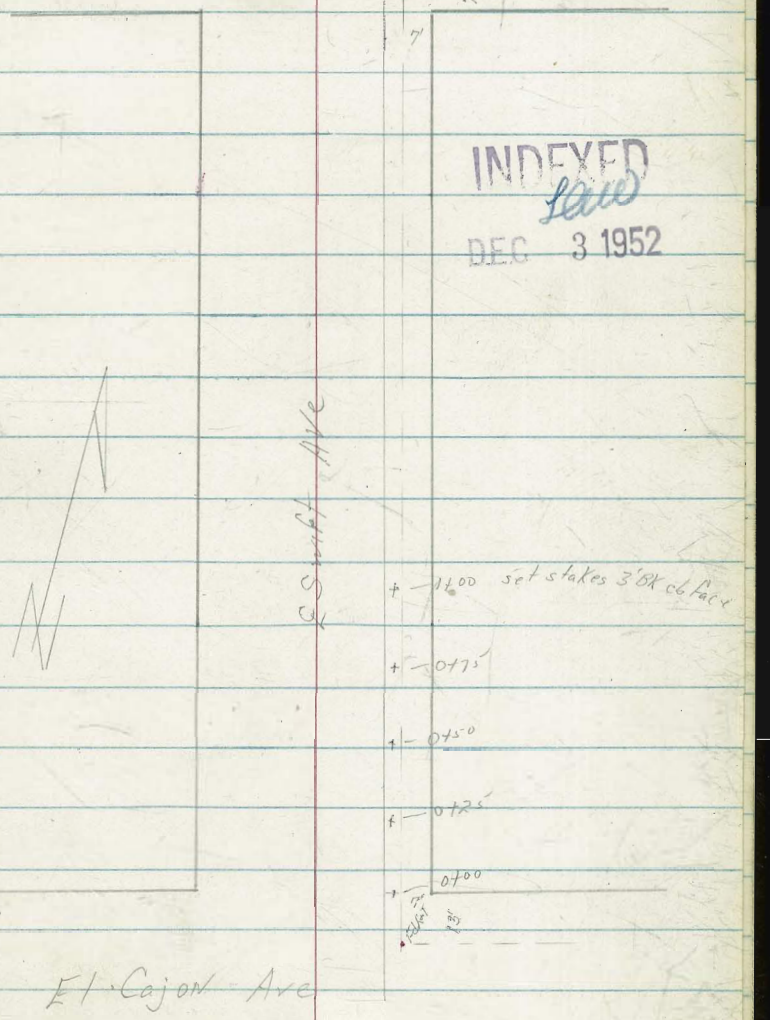
Stake Curbs 100' North on Swift from El Cajon NE. Cor.

Note: Must be to replace existing poor cb.

WO # 20007

LOT 13 BLK. D ADD. Sterling Court
OWNER F. J. Peterson
CONTR. R. R. Cooper
PERMIT NO. 93524

	cb elv	stake 3' BK
	existing	
1+00	381.96	382.09 CO 13
0+75	381.70	381.82 CO 12
0+50	381.45	381.60 CO 15
0+25	381.20	381.22 CO 02
0+00	380.94 existing	381.05 CO 11



INDEXED
DEC 3 1952

Roberts
Cota
Moore
Pullen
12-30-52
W.O.# 20007

Stake Curb Harbison Ave.
Lot 7 Blk 18 La Mesa Colony
Amherst - El Cajon

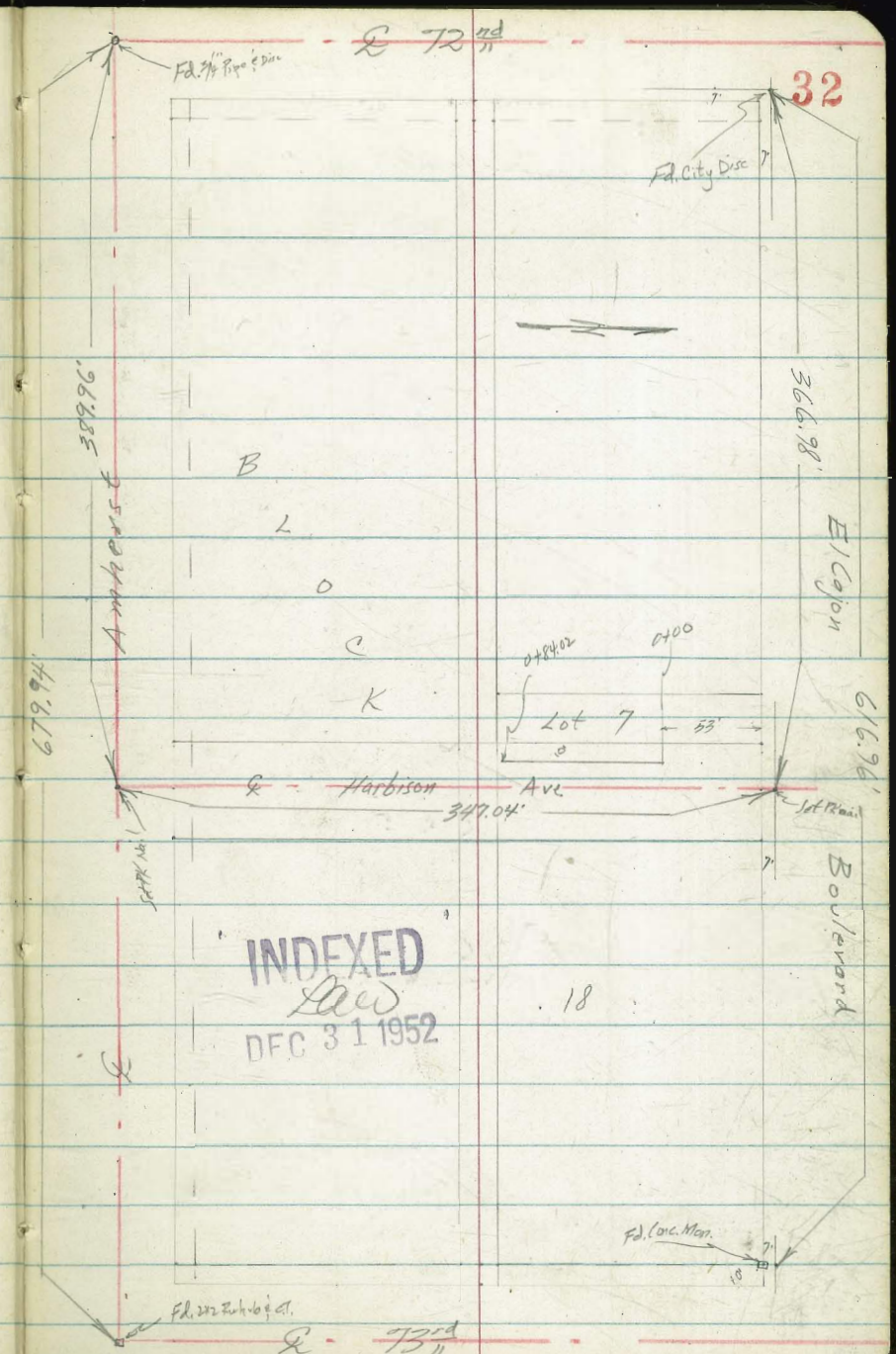
Permit # A 2875 Profile 2501 TP 4302

Did not want Alley Return staked.

Permit A-2875

0+84.02 – 366 Rad. Alley Ret.		469.87 469.26 F 0.61
0+63		470.80 470.25 F 0.55
0+42		471.73 471.26 F 0.47
0+21		472.66 472.06 F 0.60
0+00	53' South of S.P.L. El Cajon	473.66 473.59 C 0.07
BM		480.35 SWBP El Cajon & 73rd St

LOT 7 BLK. 18 ADD. La Mesa Colony
OWNER Ralph Wilcox et al
CONTR. E.A.
PERMIT NO. A 2875



INDEXED
DEC 31 1952

18

Roberts
Cota
Moore
Moralez
5-7-54
WO #20007

Stake Curb Broadway
41st St to West 135'
North Side Bdwy.

Profile 2781

INDEXED
JER
MAY 10 1954

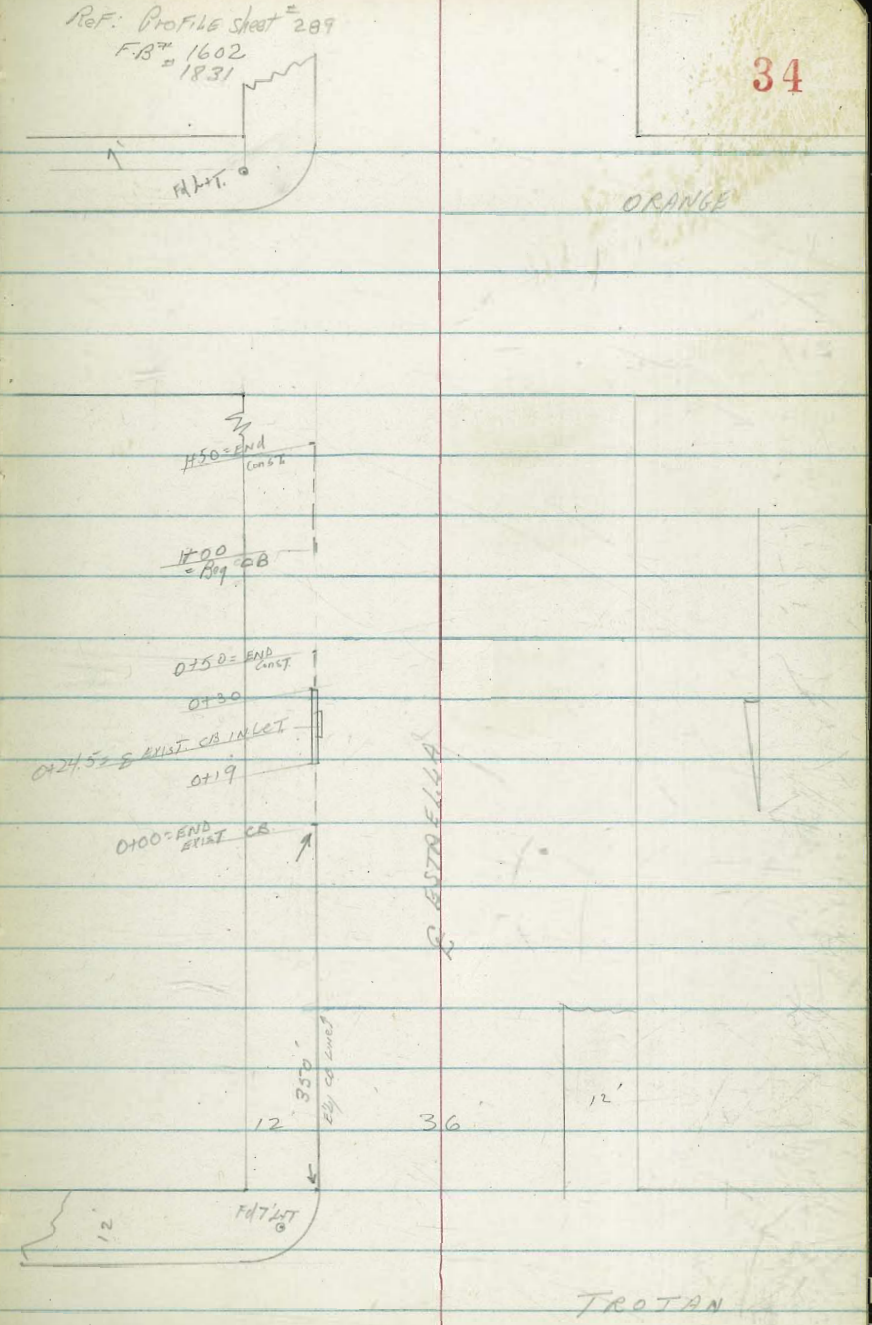
	17074			
	169.79			
0+81.10	C 0.95			
	17084			
	170.16			
0+61.10 PVC	C 0.68			
	17075			
	170.47			
0+40.55	C 0.31			
	17107			17034
	170.72			167.72
0+20 Cb. EC	C 0.35		1+35 END PERMIT	C 2.62
	17096			17047
	170.94 ~~170.85~~			168.41
0+10	C 0.02		1+21.10	C 2.06
				17040
W.L.	171.00 — Plans. Profile			169.20
0+00 41st St. Exist. Cb.	171.16 Exist Actual Elev.		1+01.10	C 1.20
	17072			
	2)34158			
	170.94			
BM		15.66 SWBP Hilltop ℄ 41st		

Clark
Shephard
Bruner
O'Neil
9-2-54
W.O. 200[illegible]

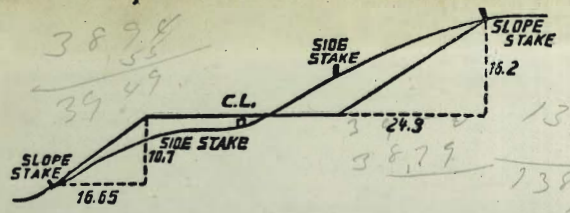
INDEXED
SEP 10 1954

CB'S: E'ly CB. LINE ESTRELLA -
(LOTS 19+20 (421.9) + 4235 ESTRELLA)
Beg. 350' S'ly TROJAN to pt. 500' S'ly TROJAN
Note: CB. Not continuous - 50' Break between Sta. 0+50 & STA 1+00

STA.		CB Elev's:
1+50 = END Const.		342.66 343.12 F0.46
1+25		341.70 342.28 F0.58
1+00 = Beg CB (2nd 50' CB)		340.78 341.44 F0.66
(0+66.15 = E.V.C 184.15 N'ly N.L. ORANGE)		340.3 Profile #289
0+50 = End Const. (1st 50' FT. CB)		339.38 339.90 F0.52
0+46.15		339.26 Rod 339.80 Elev F0.54
0+30 = S'ly End Exist. Inlet.		339.33 Elev. Ex. CB
0+24.5 = ℄ Inlet.		339.46 Elev. Ex. CB
0+19 = N.ly End Exist. Inlet	(stubs set 3' BK CB Fc)	339.54 Elev. Exist CB
0+00 = PT. 350' S'ly S. Line TROJAN		340.04 Elev. Ex. CB
B.M. Dir. Elev. Rod:		



25.80
24.70
50.50
25.25



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.

SLOPE 1½ 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	71.20	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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