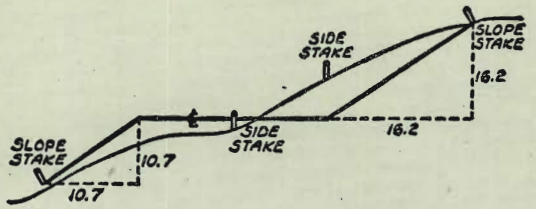
B-31

TRANSIT BOOK



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.

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

Curb + Walk Lot 17 Granada Tract Permit # 4202 2

curbs. LOTS. D. + E BLK 219 Hortons (Curlow + Laurel) 7

Curb stakes Fenelon Heights (Plum + Fenelon) 8

Curb stakes, Heather + Poplar 9

Ingraham + Felspar. Pac. Beach Library 10

Pac Beach Dr. Frontera to Haines 13

Curb Stake - Commercial - 29-30th 15

cb stake Highland Ave Lot 39-40 S'ly of Thorn St 19

CB. STAKES: LOT I - BLK 15 - TRES LOMAS N'ly TREPADORA, N'ly CUMBERLAND 23

CB STAKES: SIERRA VISTA LOTS 39-40-41: OCEAN VIEW N'ly SAN PASQUAL 24

" " LOT 57 SIERRA-VISTA TRACT OCEAN-VIEW - N'ly SAN MIGUEL 25

CB STAKES: S'ly SEA BLUFF Bet POTOMAC + Shuyler 27

cb stakes SE'ly Palm + Pacific Hiway - 29

8' Sidewalk on S'ly QUINCE - W'ly OF VANCOUVER 30

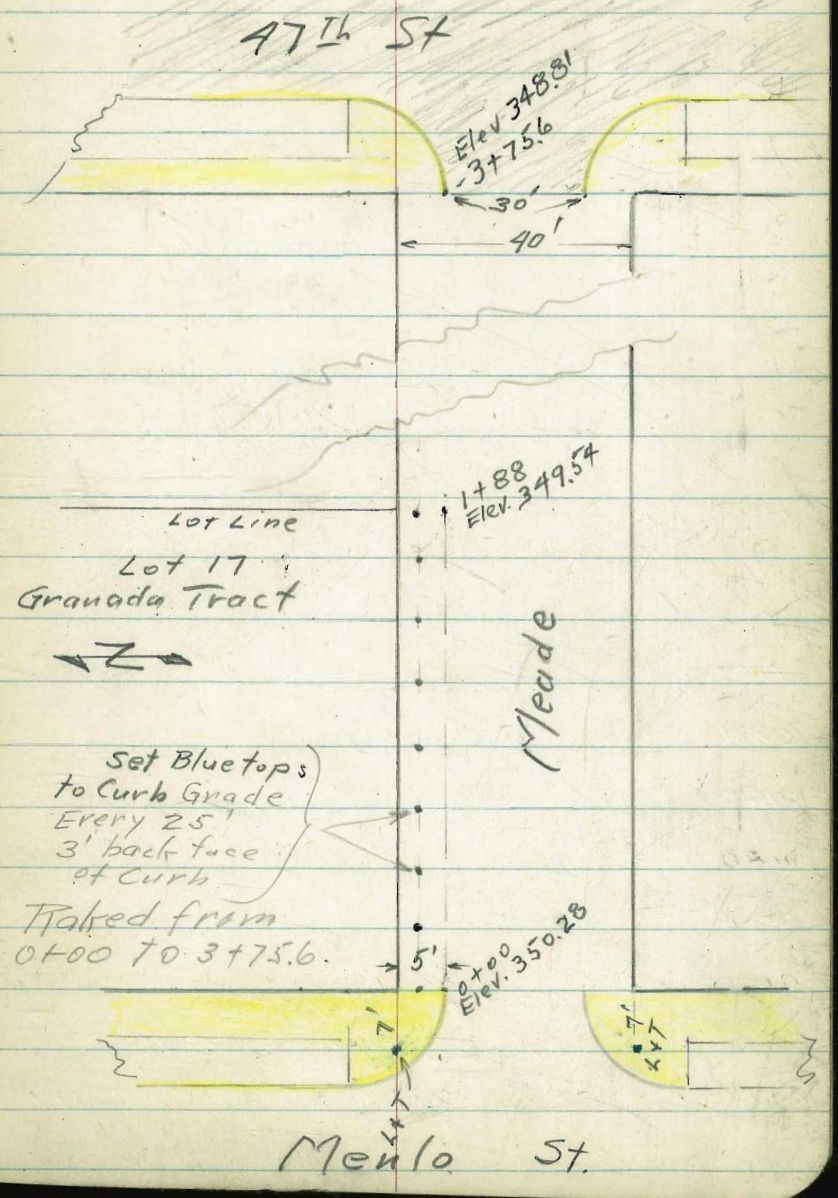
6/30/49

McCoy
W. Moore
Acuna

Sidewalk and Curb
188 ft. Lot 17 Granada Tract
4403 Menlo — Permit #4202

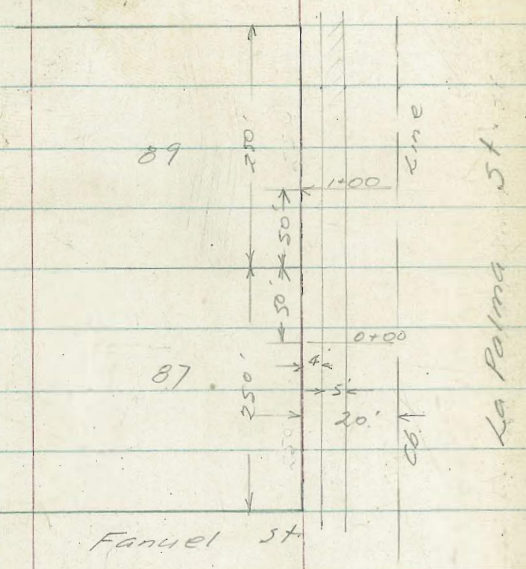
LOT 17 BLK. ADD. Granada Tract
OWNER J. A. Lyons
CONTR. Mike Alonzo
PERMIT NO. 4202

Grade Stake 3' Back Ch. Face 1+88			5.20	349.54
0+00 End Curb Rct.			4.46	350.28
TP Curb End 3+75.6 NW. cor 47th + Meade	5.93	354.74	4.2	348.81
SWBP El Cajon + 47th	5.83	353.03		347.20



7-27-49 ✓ Stake SW Block 87 & 90
Hendricks So Title Guaranty Sub.
Roberts PL 1801
Greer
Bunch
WO # 20007 Permit # 3540 & 3541

Gresham St.



Fanuel St.

1+00				
0+80				
0+60				
0+40				
0+20				
0+00				
CL Ex Cb. E. Line Fanuel	7.05	13.65	7.05	
T.P.	0.19	13.90	13.16	13.71
✓ BM	5.68	26.87		21.19

3

LOT 87-90 BLK. ADD. So. Title Guaranty sub.
OWNER W. L. Mc Lain
CONTR. Pacific Cement
PERMIT NO. 3540 - 3541

Rod.	S.W. El.	Cb Elev.
5.54	8.11	8.00
5.54	7.71	7.60
6.24	7.41	7.30
6.34	7.31	7.20
6.39	7.26	7.15
6.44	7.21	7.10 Used as BM
6.85	(6.60)	Ex Cb. Fanuel & La Palma N.E. Cor.

NW BP Pacific Beach Dr. & Gresham

D. Smith
J. Clark
E. Gregory

WO# 20007
9-29-49

Stake 1+25' curb & walk
Hornblend Lots 36 to 40 incl

Dawes

Fd Mon changed to 25.25
Elv 26.00 Profile

TP	8.83	26.94		1.65	18.11
BM	8.01	19.26			11.75

NE Cor 7th & Bayard & Grand

Hornblend

LOT 38-40 BLK. 223 ADD. Pacific Beach
OWNER R. A. Smith
CONTR. Moreno Bros
PERMIT NO. 5312

all stakes 3' BK of face

1+25	23.65	3.29 / 3.53	F 0.26	
1+00	23.52	3.42 / 4.03	F 0.61	
0+75	23.39	3.55 / 4.09	F 0.54	
0+50	23.26	3.68 / 4.07	F 0.39	
0+25	23.13	3.81 / 3.70	C 0.11	

Elv 23.00 Profile
V 23.99

Cass

Lot

S.E.B.P. - Cass + Garnet — 27.85

4

Grade changed on Profile
Fd. stakes in - Reset grades.
2-7-50 - 7.0.

LOT 36-37 BLK. 223 ADD. Pacific Beach
OWNER Minnie A. Painter
CONTR. Moreno Bros.
PERMIT NO. 5313

Index

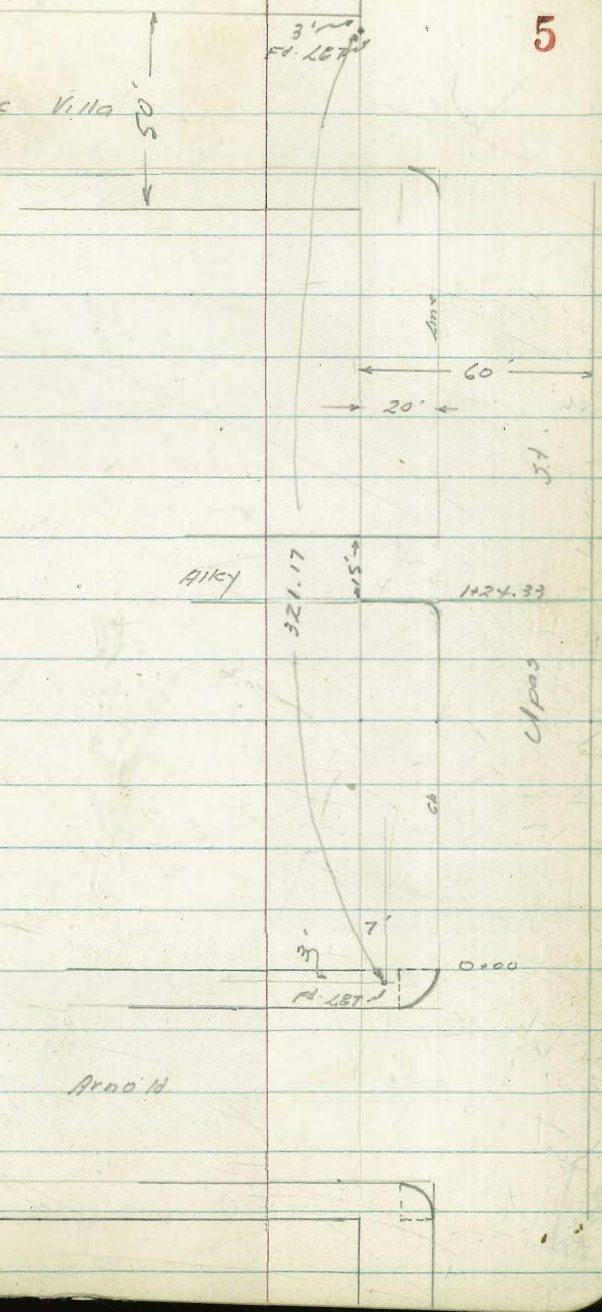
	stake Elev	Grade	
1+25	23.40	23.56	F 0.16
	22.92	23.45	F 0.53
	22.87	23.34	F 0.47
	22.89	23.22	F 0.33
	23.25	23.11	C 0.14
0+00	23.00	23.00	

4-10-50 Stake Cbs & Sidewalk Block 76
Hendricks Lot 12 Park Villas
Johnson
Greer
Bunch
WO# 20007

RECEIVED
MAR 13 1951

LOT 11-12 BLK. 76 ADD. Park Villa
OWNER James W. Kellar
CONTR. Mike Alonzo
PERMIT NO. 5634

Sta.		H.I.	–	Elev. Stake	Elev Grade	
1+24.33	W Line Alley N. Line Upas		5.66	266.71	267.18	F0 47
1+24.33	W Line Alley				266.97	
1+22.33	EC Alley Rd.			266.94	267.00	F0 06
1+22.33	BC Alley Rd.		5.43	266.94	266.80	C0 14
1+00			6.83	265.54	265.60	F0 06
0+80			7.92	264.45	264.88	F0 43
0+60			8.84	263.53	264.16	F0 63
0+40			9.53	262.84	263.44	F0 60
0+20			9.82	262.55	262.72	F0 17
0+00	E Line Arnold		10.42	261.95	262.00	Ex. Cb.
BM		2.42	272.37		269.95	NW BP Upas & Arizona



INDEXED

MAR 13 1951

Moore
Begg
Crawford
4-14-50

Stake curb Front of
4352 Poplar St
WO 20007

SEBP
Quince
Faint

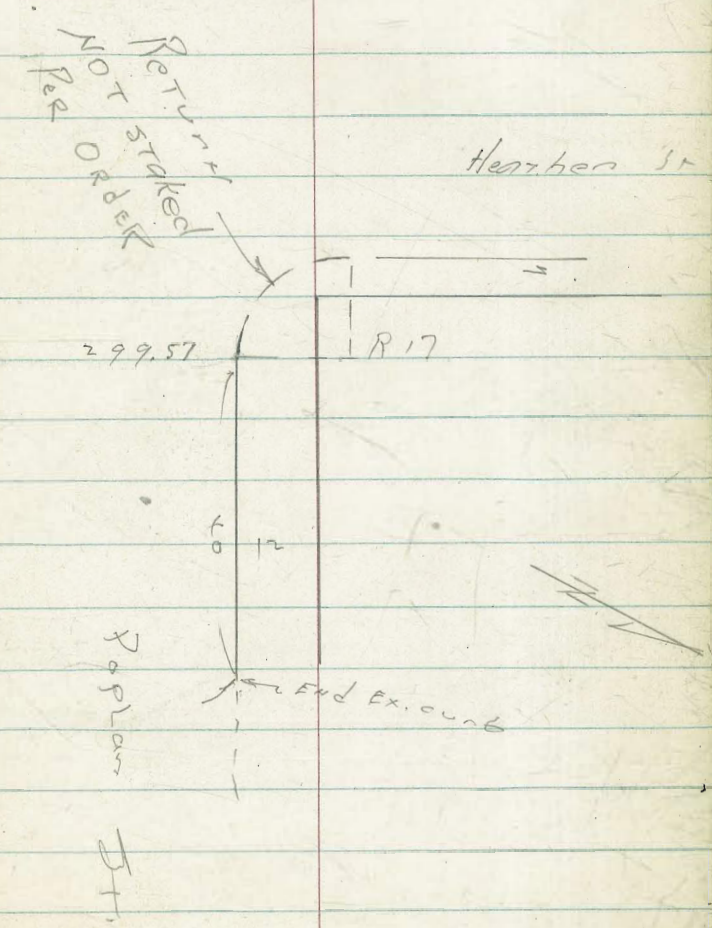
	5.33	302.5 ✓		297.19
T.P.	5.75	305.63	2.6 ✓	299.88

BC
299.57
6.06

300.2 ✓
5.39 ✓
5.39
0.0 ✓

check Ex.
C6. end

LOT 7-8 BLK. 2 ADD. Lexington Park
OWNER George C. Durbin
CONTR. Mike Alongo
PERMIT NO. 5778



INDEXED
MAR 13 1951

✓ Lots D+E Blk 219 Hortons Add.

Ely. side of Curlew
North of Laurel

W.O. 20007
-9-11-50

Dommermeyer
Johnson
Alley

Permit # 11103

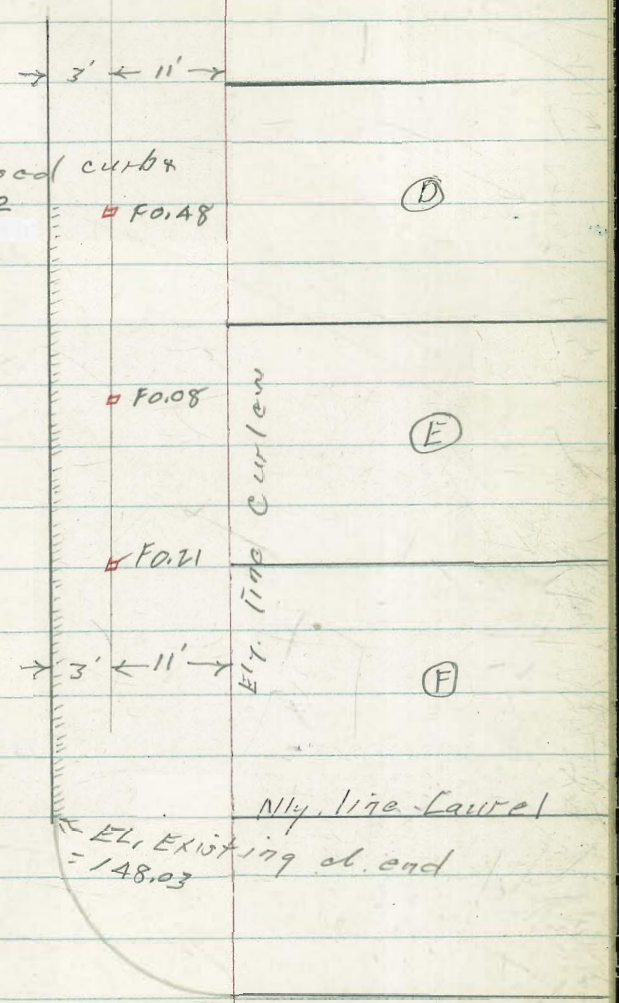
S.E.B.P. Laurel
& Curlew.
146.07
6.44
152.51 ft

▫ = set stake + rack
Tresheet # 35
FB - 1828
Profile # 220 - no good
See new profile (no number)

0-50	0+00	0+36	0+72
Rod 4.48	148.28	148.46	148.64
148.03	4.23	4.05	3.87
EL.	4.44	4.13	4.35
	F0.21	F0.08	F 0.48

Grade = 15%

LOT D&E BLK. 291 ADD. Horton's Addition
OWNER R. S. Keyes
CONTR. J. W. Campbell
PERMIT NO. 11103



Roberts
Moore
clerk
1-8-51
W.O. 20007

Stake Curb Lot 5
Fenelon Heights
(Plum & Fenelon)

INDEXED
MAR 13 1951

LOT 5 BLK. ADD. Fenelon Heights
OWNER J. P. Soars
CONTR. J. F. Arliga
PERMIT NO. 26397

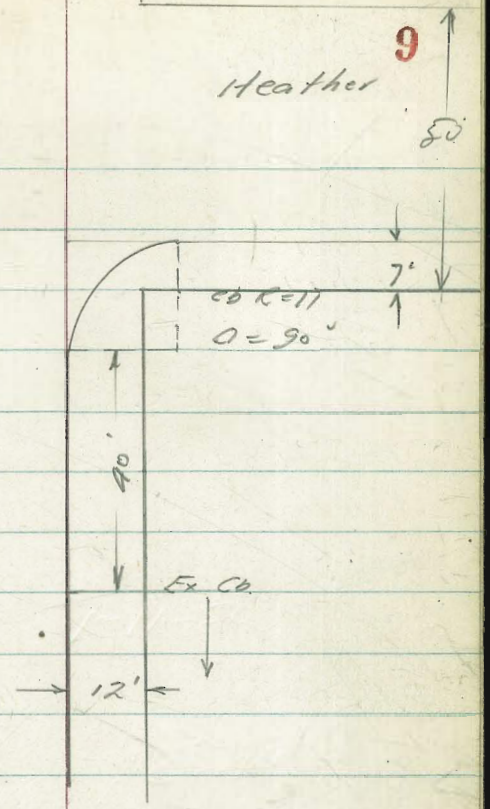
0+85		105.13 103.82 1.31 135 F0.04	
0+65		105.13 103.18 1.95 144 C0.51	
0+45		105.13 102.54 2.59 224 C0.35	
0+25 BC		105.13 101.90 3.23 313 C0.10	
#1		105.13 101.50 3.63 327 C0.36	
0+00 w.L. Fenelon	Exist	105.13 101.18 3.95 405	1+05 END Lot 5 — 105.13 104.46 0.67 064 C0.03
BM 5.96	105.13	99.17 SW Cone Mon. Plum & Fenelon	FB1744 pg. 18

1-11-50
Hendricks
Shepard
Crawford
W.O. # 20007

Stake Cbs Heather & Poplar

INDEXED
MAR 13 1951

#4 EC		299.22	
#3		299.31	
#2		299.40	✓
#1		299.49	✓
0+40 BC		299.57	✓
0+20		299.90	✓
0+00 Ex Cb	300.23	300.27	Ex Cb.
B.M.		297.19	SE BP Quince & Fairmount



Curbs Ingraham
No. of Felspar

Sommermeyer
Begg
R Sisson
Oltman

INDEXED
JUL 19 1951

17 July '51

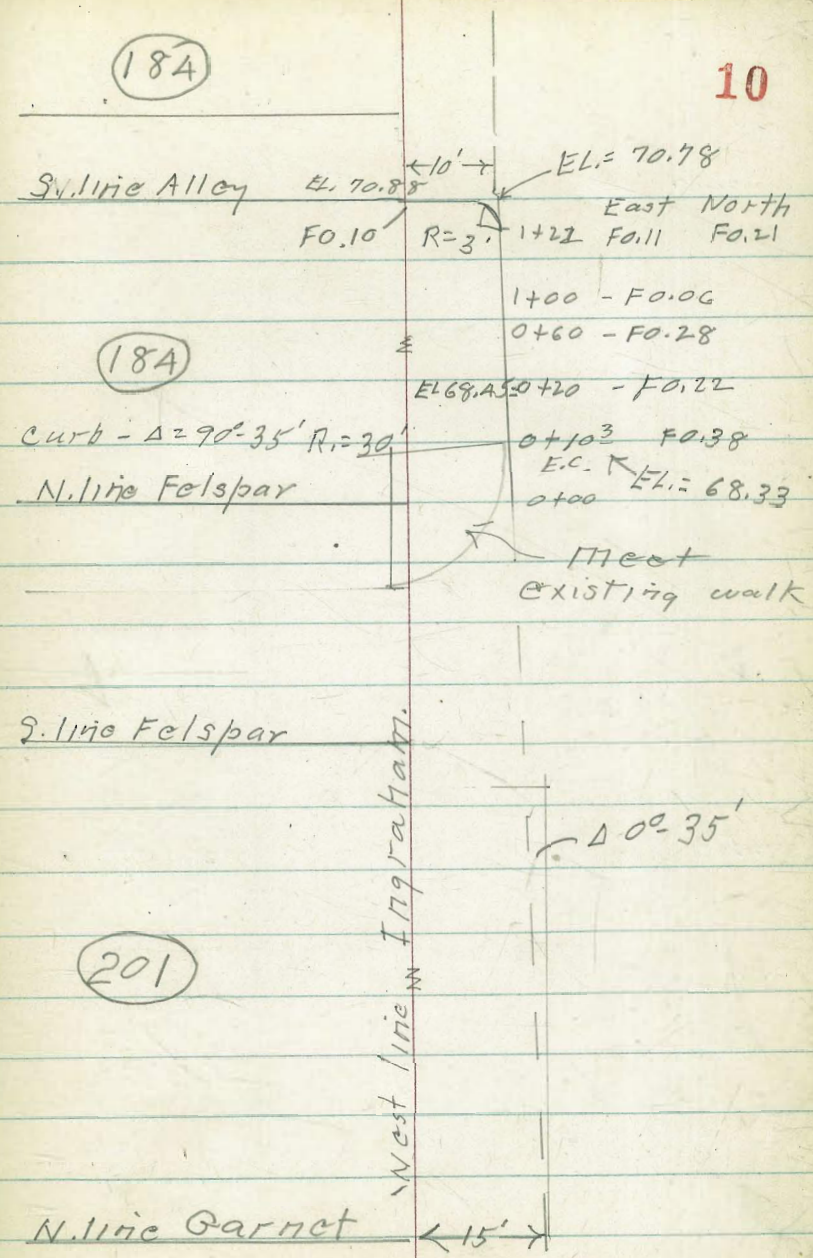
stakes - 3' back of ct. face.

Raised E.C. grade 0.05' to meet existing walk.

See change in sheet 7016-L

B.M. = Cross ℄ Ingraham & Felspar
El. = 67.46

direct elevation rod used



Roberts
Cota
Moore
Pullen
Aug 6, 1951
WO. 20007

Stake Curb Montclair
75' So. From Kalmia on West Side
Lots 30, 31 & 32 Montclair Subd.

Profile 1873

0+75 END		264.44 262.90 F 1.54
0+50		265.32 264.44 F 0.88
0+25		266.21 265.66 F 0.55
0+00 Exist So. ∠ Kalmia		267.10 267.12 OK
BM		269.53 NEBP

INDEXED
AUG 11 1951

LOT 30-32 BLK. V ADD. Montclair Addition
OWNER Max Fitzgerrmeyer
CONTR. Mike Alonzo
PERMIT NO. 48281

Kalmia & Montclair

Roberts.
Cota
Moore
Pullen
Aug 27, 1951
WO 20007

Stake Curb 5th St.
Nutmeg 107' No. B.C.
Did not want Return!

Profile

1+07	Meet	267.56 267.50
1+00	3' in St.	267.42 267.00 F 0.42
0+75		266.92 266.51 F 0.41
0+50		266.42 266.01 F 0.41
0+25		265.92 265.47 F 0.45
10 Rad. 0+00 BC	NE Cor. 5th & Nutmeg Meet	265.42 265.50

...ieh ... 306 ... Hortons
OWNER Parish of Saint Paul
CONTR. Nielsen Const. Co.
PERMIT NO. 51348

BM 264.95 NWBP 5th & Nutmeg

Curb Grades Lots 25 to 28 Block 302
Pacific Beach
Frontera to Haines
Pacific Bch Drive

Nov. 6-51
A Sisson
Rorer
Fritz
N.O. 20007
N.W. BP
Pacific Dr.
Gresham

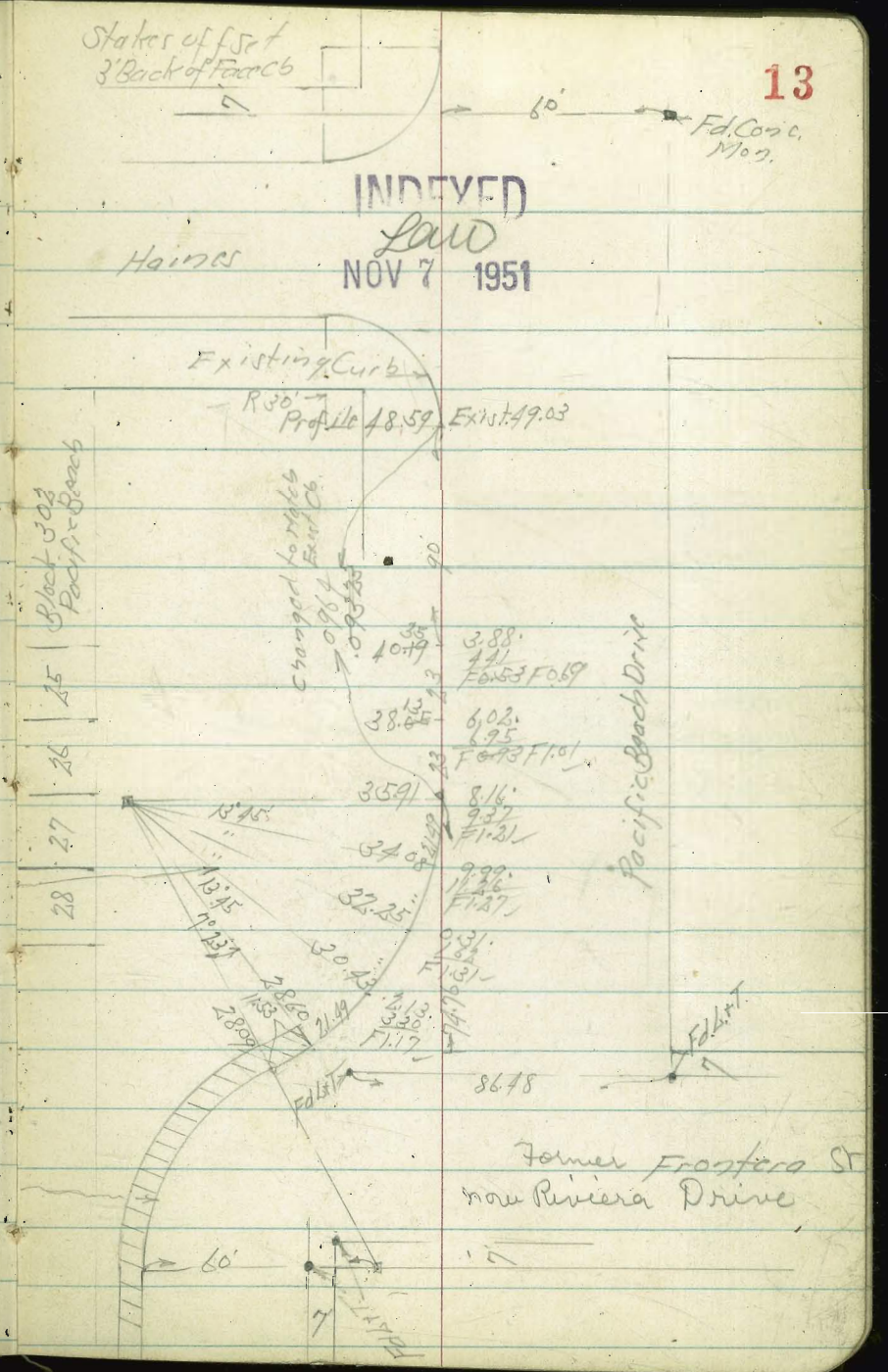
BM	11.37	32.56		21.19
	11.81	44.07	0.30	32.26
	8.17	52.07	0.17	43.90

Reset
Jan. 22-52

LOT 25-28 BLK. 302 ADD. Pac. Beach
OWNER W. G. Sherlese
CONTR. Al Riley
PERMIT NO. 46828

Δ 62° 23'
Cb. R 89.54
T 54.21
L 97.49

Δ 62° 21' 30"
Cb. R 60'
L 65.30



INDEXED
Law
NOV 7 1951

D. Smith
C. Allen
A. Taylor

stake 100' Cbs Wly 34th St.
Pickwick to "E" St.

WO # 20007
3-6-52

INDEXED
Law
MAR 7 1952

Sly Pickwick St.	5'	75.70	76.22	CO 52
1+00	← 12' →			
0+75	⊙	74.11	74.52	CO 41
0+50	⊙	72.53	72.60	CO 07
0+25	⊙	70.95	70.90	FO 05
0+00	⊡ 5'	69.37	70.11	CO 74
	← 12' →			
Nly E St.	existing ret	63.07 end		

BM

61.60 NE BP 34th St. Federal Blvd.

LOT 15 BLK 2 ADD. Broderick & West
OWNER + B Penick & Sons
CONTR. [redacted] same
PERMIT NO. 66749

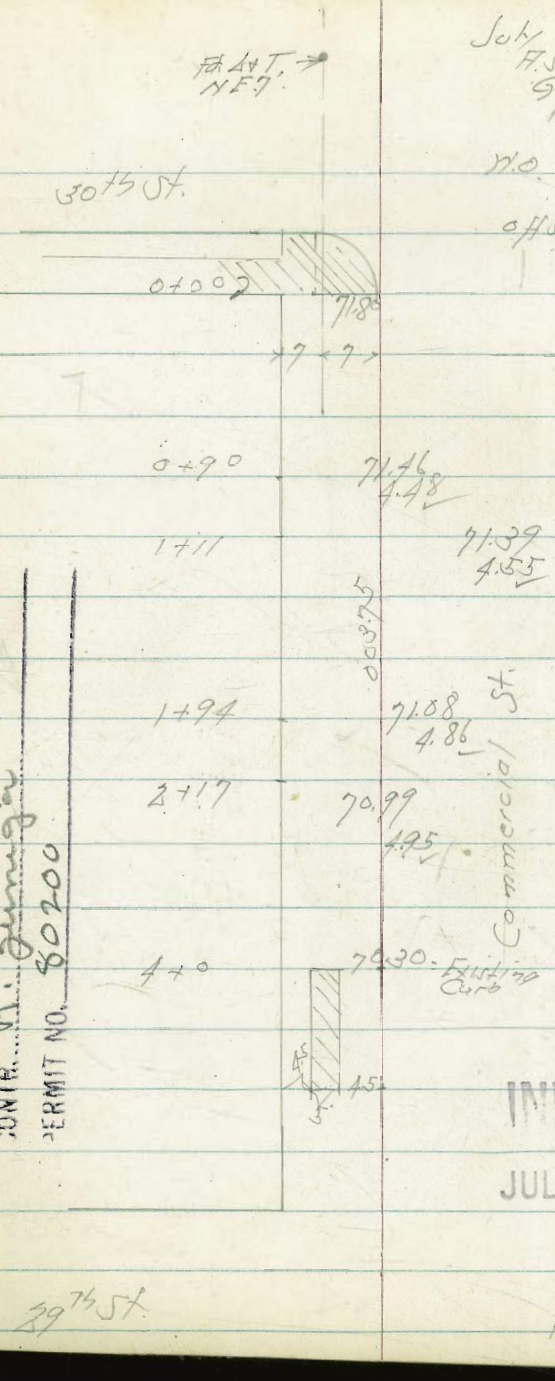
LOT BLK. ADD.
OWNER
CONTR.
PERMIT NO.

July 16-52
A. Sisson
Garber
Parks

W.O. 80007

offset 3' N of Curb

BM	3.37	78.34		74.97	NW BP Imperial + 30th
TP	4.13	75.94	6.53	71.81	



LOT 44 BLK. 77 ADD. Seaman & Choates
OWNER R. M. Mayor
CONTR. R. Zuniga
PERMIT NO. 80200

INDEXED
JUL 17 1952

FdSW pipe
RE + Disc

Stake 100' Curb Lot 1 Block A
Swan's Second Addition

INDEXED
Suhrez
AUG 20 1952

Profile 2566 Map 956 TP3619

LOT 1, 2, 3 BLK. A ADD. SWANS 2ND.
OWNER NORMAN T. DENNSTEDT
CONTR. AL E. RILEY
PERMIT NO. 84585

1+00	295.85 295.40 C 0.45
0+75	295.91 293.32 C 0.59
0+50	296.13 295.25 C 0.88
0+25	296.20 295.17 C 1.03
E.L. Fairmont 0+00	296.49 295.10 C 1.39
BM	SEBP 297.19 Quince & Fairmont

Stake Curbs - 7th Ash & 8th

W.O. 20007 9-25-53 7.0.

7th st. - P.K.'s - 3' out.

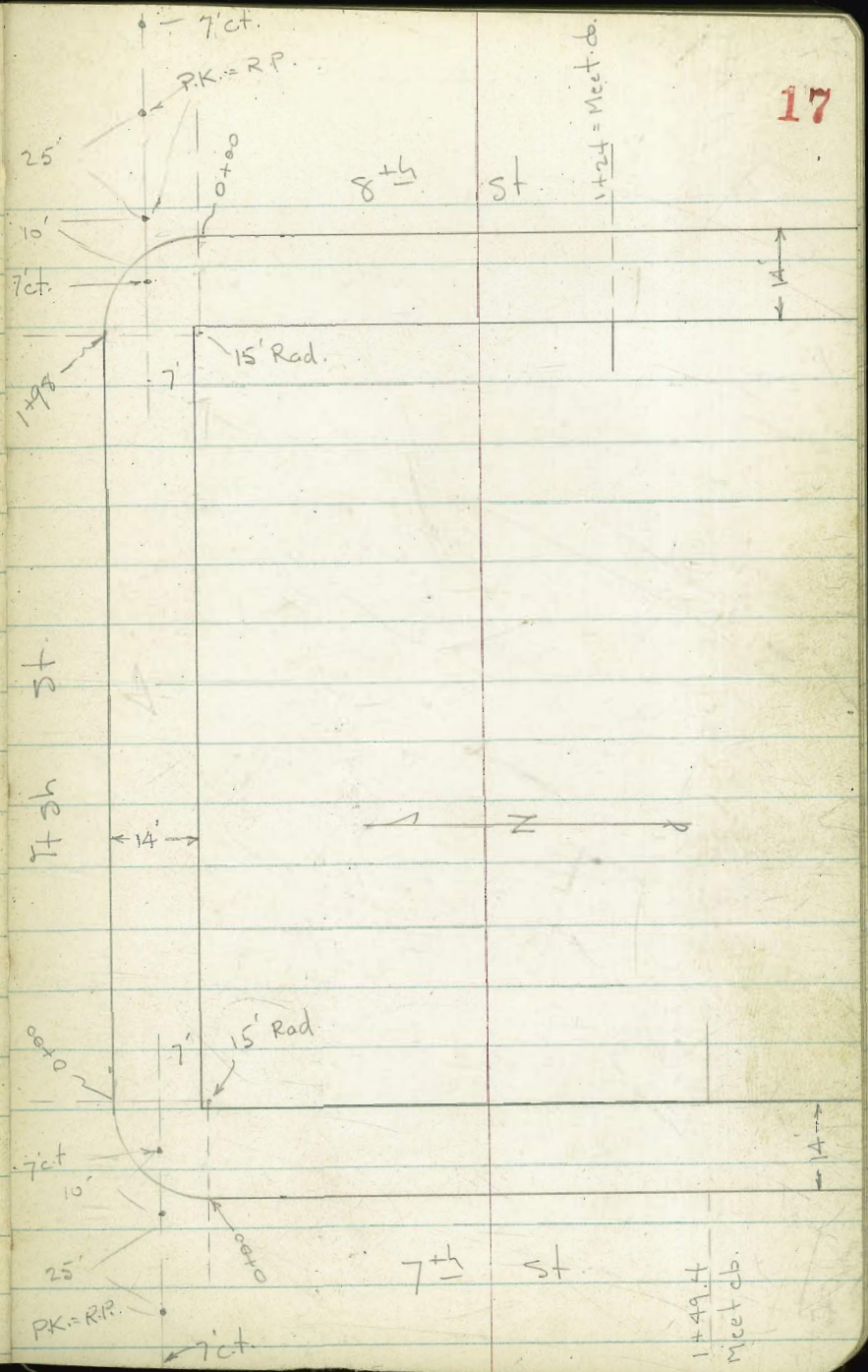
INDEXED
SEP 28 -3

0+00 = P.C.		31.00	31.65	F 0.65
+20	.91	28.90	29.42 (8.90)	F 0.52
+55	.86	24.92	25.52 (4.92)	F 0.60
+90	.98	20.96	21.62 (0.96)	F 0.66
1+25	.02	17.05	17.72 (05)	F 0.67
+49.4 = Meet	14.30 (9.4)	14.99 (top)		

S.E. Ret. - 7th & Ash.

P.C. - 7th	30.98	31.00	31.65	F 0.65
1/4	.28	31.29	31.90 (29)	F 0.61
1/2	.44	31.45	32.00 (1.45)	F 0.55
3/4	.54	31.60	32.02 (1.60)	F 0.42
E.C. = Ash	31.78	32.01	32.30 (01)	F 0.29

B.M - N.E. B.P. - 8th & Ash 130.97



Ash. St.

0+00 = P.C. 7th	31.78	32.01		
+25	.73	33.97	34.25 (3.97)	F 0.28
+50	35.87	36.10	36.37 (10)	F 0.27
+75	.44	37.62	37.94 (62)	F 0.32
+95	.74	37.88	38.25 (1.88)	F 0.37
1+15	.57	37.69	38.07 (7.69)	F 0.38
+35	.52	36.57	37.02 (6.57)	F 0.45
+60	.62	34.76	35.12 (4.76)	F 0.36
+85	32.86	33.00	33.36 (00)	F 0.36
1+98 = P.C. 8th				

S.W. Ret. - 8th & Ash

P.C. = Ash	.01	32.18	32.55 (2.18)	F 0.37
1/4	.88	31.91	32.52 (1.91)	F 0.61
1/2	.83	31.80	32.50 (1.80)	F 0.70
3/4	.76	31.78	32.45 (1.78)	F 0.67
E.C. = 8th		31.59	32.39 (1.59)	F 0.80

8th st.

.56	0+00 = P.C.	31.59	32.16 (1.59)	F 0.57
.34	+20	30.45	30.84 (45)	F 0.39
.96	+57	27.98	28.47 (1.98)	F 0.49
.92	+90	25.96	26.36 (5.96)	F 0.40
	1+24 = Meet gut 23.61	24.19 top		

D. Smith
J. Rorer
R. Taylor
B. Fish

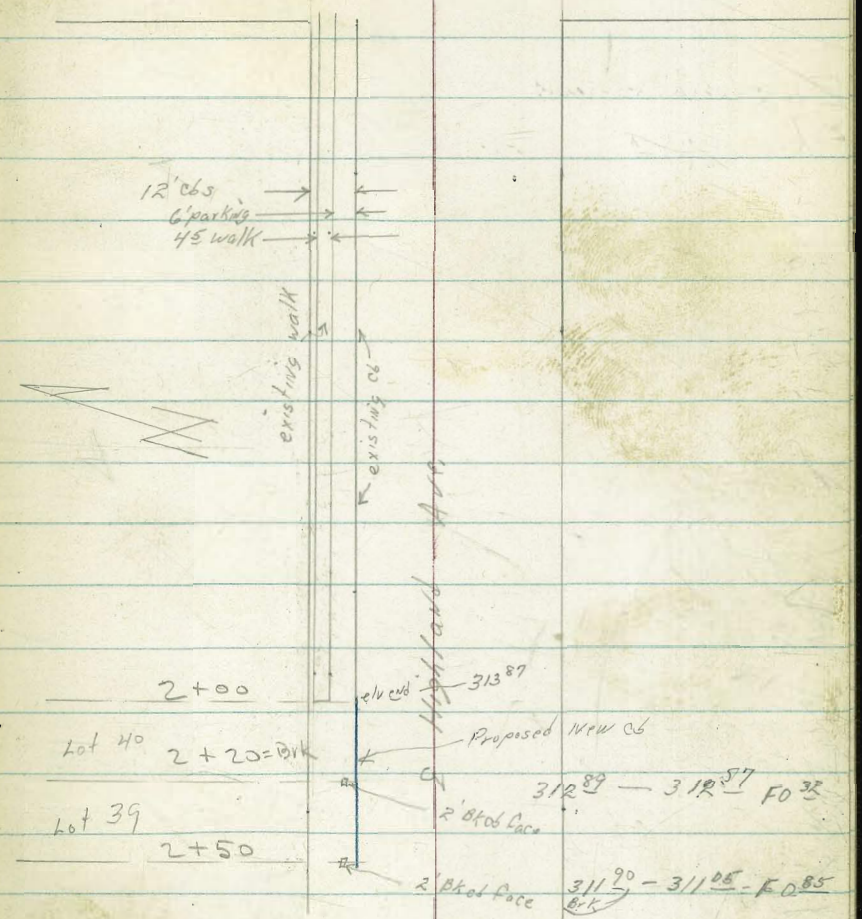
Stake cbs Lots 39 & 40
High Land Ave. Btwn Thorn & Redwood

WO # 20007
10-6-53

INDEXED
OCT 7 1953

changed Grade
10-23-53 – 7.0.

Set BM = S.E. Cor. Porch – Highland	3212	312.21	
2+00 = Meet cb.	=cb. 13.87	13.73	Meet.
+20 = Brk	12.86	12.86	Grade
2+50 = Lot Line End.	11.05	11.25 05	F 0.20
2+60	10.40	10.71	F 0.31
3+00 F0.59	09.13	9.13 08.15	C 0.98
+40 C 1.47	07.48	7.48 05.18	C 2.30
+50 = End C 2.54	07.22	7.22 04.35	C 2.87
BM 0.39	322.98	322.59	N.W.B.R. Thorn & Highland



D. Smith
J. Rorer
R. Taylor
B. Fish

Stake Cbs Ingraham St
Felspar Ave to Alley Sly

Ref: Profile #1202 Ingraham St

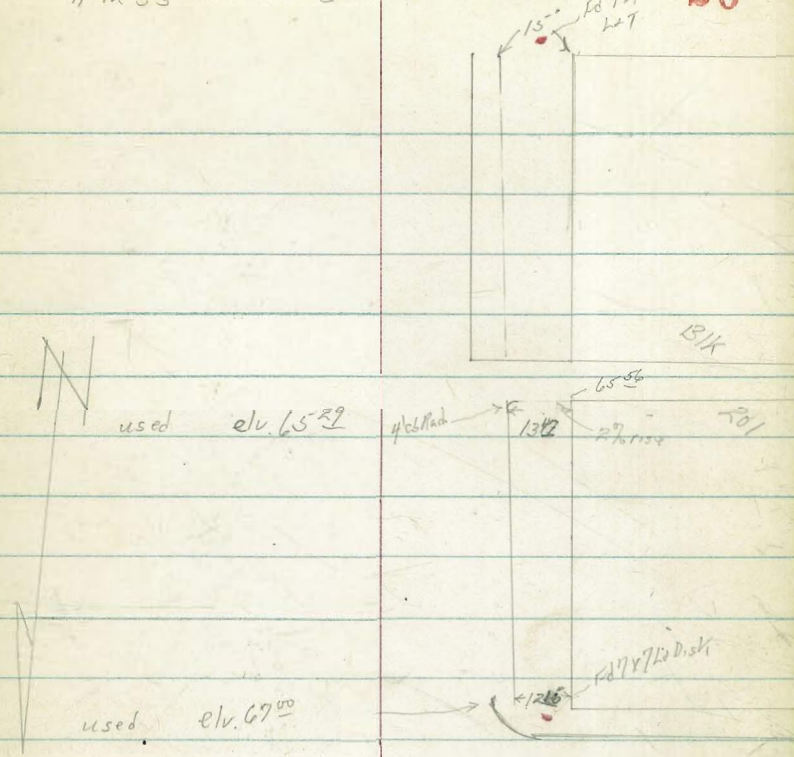
			2' BK cb end
wly Prop Ingraham & Nly Alley		65^{56}	65^{68} CO^{12}
1+25 Nly Alley Blk 201 on 4' cb Rad Pt.		65^{29}	65^{22} FO^{07}
1+00		65^{63}	65^{27} FO^{36}
0+75		65^{97}	65^{61} FO^{36}
0+50		66^{31}	65^{99} FO^{32}
0+25		66^{65}	66^{24} FO^{41}
0+00 Sly Line Felspar	67^{06} exist end	67^{00}	67^{10} CO^{10}

stakes 3' wly of Cb face.

4^{15}	71^{35}	7^{81}	67^{20}
5^{74}	75^{01}	0^{48}	69^{27}
BM 11^{66}	69^{75}		58^{09} Dis KNW cor Felspar, Gresham

wo# 20007
11-12-53

Garnet Ave

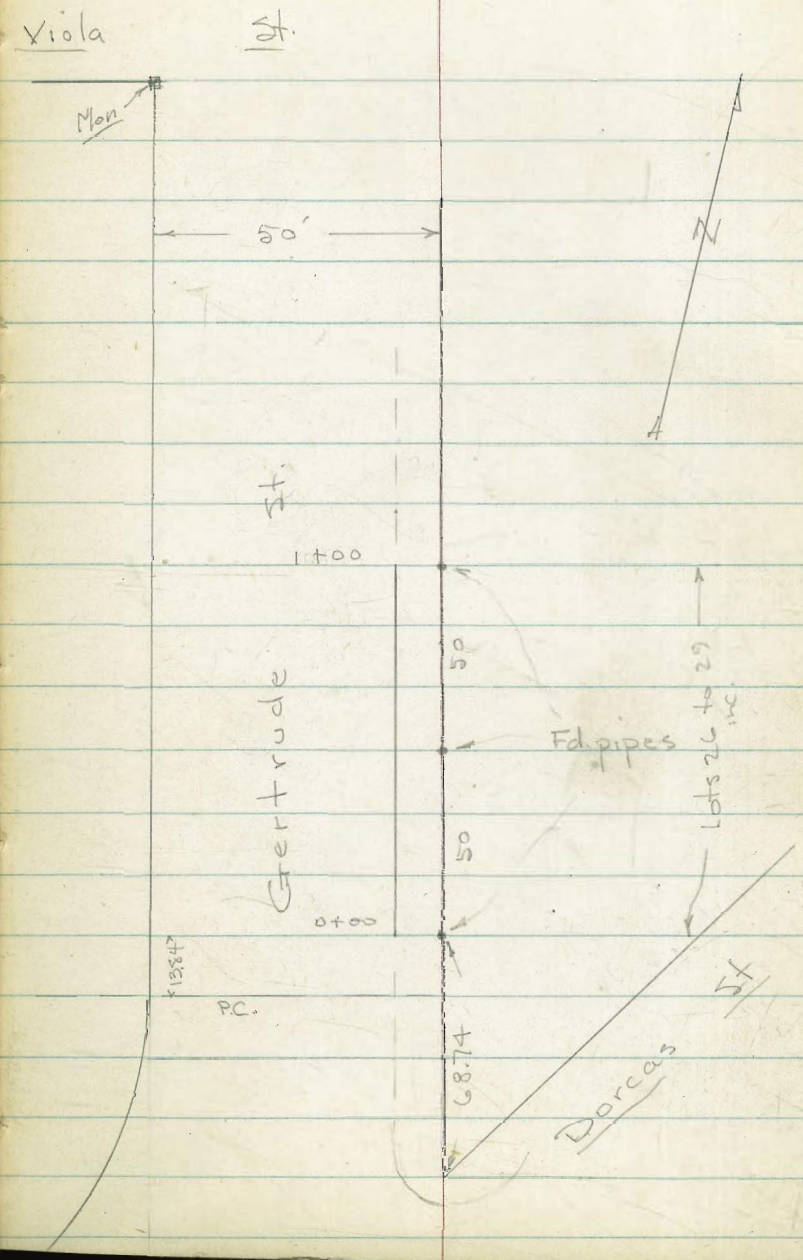


Felspar Ave

Stake 100' of Curb - on E. Side of Gertrude
N. of Dorcas - Lots 26-29 inc.
W.O. 20008 - 12-18-53 7.0
B.M. - Spike in N.W. Pole - Gertrude + Dorcas + 27.63
0+00 = Sly. Line of Lot 26

0+00	32.79	2.79 31.89	C 0.90
+25	33.10	3.10 32.59	C 0.51
+50	33.54	.54 33.29	C 0.25
+75	34.25	34.00	C 0.25
1+00 = Nly. Line of Lot 29	34.93	.93 34.70	C 0.23

3.60
32.25
1.35



INDEXED
JER
FEB 26 1954

D. Smith
J. Rover
R. Taylor

WO# 20007
2/25/54

Stake Cbs 2417 thru 2439 Pine St

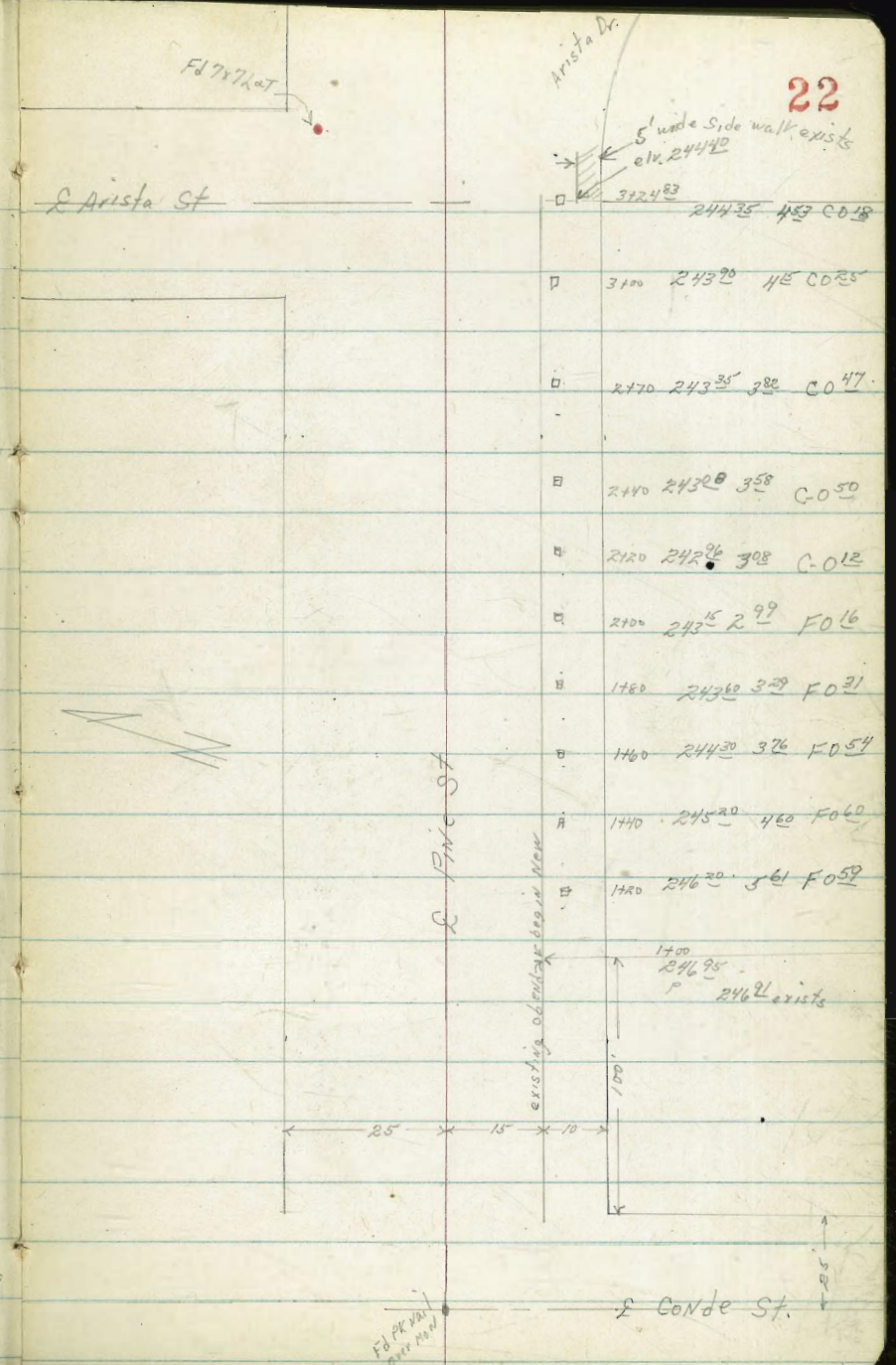
Arista to Conde

Profile # 735 Pine St

Stakes are 3' Bk cb face

BM

245.94 NE 7½ LT Pine & Arista



Clark
Shephard
Bruner
O'Neil
3-24-54
W.O. 20007

CB STAKES: CALLE N'Ly TREPADORA
N'Ly, CUMBERLAND: LOT 1 - BLK 15
TRES LOMAS

Ref: Profile sheet # 4219
F.B. # 2107 -11
G-B - 280 -59

Note: { W'ly CB Line Trepadora staked 4-30-51 (G-B 280-59)
[59.5 of CB constructed N'ly of N. Line Cumberland at that time.

STA.		Elev's.
Chk!	291.02 = 291.02 (see BM)	
1+25.32 = N'ly Line Tres Lomas W'ly of Trepadora	(= Beg. CB (type G) N'ly on N'ly Trepadora EXIST.	294.82 TR. CB.
1+00		293.47 294.77 F 1.30
0+75		293.87 Rod 294.72 Grade F 0.85
0+54.5 = END EXIST. "C" type CB.		294.68
0+25 = CB. EC. Trepadora		294.59
Chk: .BC EXIST. Cumberland.		293.75
(0+00) = N'ly Line Cumberland		
B.M.	Direct Elev. Rod:	291.02 = B.P. S.E'ly Cumberland & Aguadulce

INDEXED
MAR 24 1954

23

LOT 1 BLK. 15 ADD. Tres Lomas
OWNER
CONTR.
PERMIT NO.

Clark
Shephard
Bruner
O'Neil
4-8-54
W.O. 20007

CB'S 100' OCEAN VIEW Blvd. (N'ly side)
W'ly of SAN PASQUAL - LOTS 39-40-41
SIERRA VISTA
(100' CB on N'ly OCEAN VIEW, W'ly of SAN PASQUAL)
Permit Receipt # 08537

Ref: MAP # 1295
T.S # 3439 & 3438
Profile sheet # 961

INDEXED
Law
APR 16 1954

24

STA.		CB. Elev's
0+96.15		40.30 40.21 C0.09
0+75		40.10 39.72 C0.38
0+50		39.38 39.14 C0.24
0+25		38.78 38.57 C0.21
0+04 = CB.B.C. OCEAN VIEW 5 CB RAD. CB.L = 7.85		37.86 38.09 F.23
# 1 mid-pt.	(Line only)	38.09
CB. E.C (SAN PASQUAL	(Stubs set 3' BK CB Fc)	37.74 38.08 F0.34
(0+00 = N'ly Line SAN PASQUAL)		
B.M. DIV. ELEV. ROD.		42.43.

CLK: 42.43 = 42.43 (See B.M)

= N.E. B.P. Culvert HEADWALL 100' E'ly SAN MIGUEL on OCEAN VIEW

LOT 39-40-41 BLK. ADD. Sierra Vista Tract
OWNER
CONTR. Silver Strand Cement Co
PERMIT NO. Receipt 08537 $12.98

Clark
Shepherd
Bruner
O'Neil
4-13-54
WO-20007

CB. STAKES LOT 57 - SIERRA VISTA (OCEAN VIEW - W'ly SAN MIGUEL)

Ref: MAP # 1295
T.S # 3439
" # 3438
Profile-Sheet # 961

INDEXED
Law
APR 16 1954

STA.		CB Elev's
Chk:	42.43	= 42.43 (See Bm)
0+52.13 = W'ly Line LOT 57		50.90 50.22 CO 68
0+26.07		49.62 49.03 CO 59
	(Stubs set 3' OK CB Fc.)	
0+00 = E'ly LOT 57 = Pt. 84.15' W'ly of W'ly SAN MIGUEL		48.70 47.84 CO 86
B.M. Dir. Elev. Rod		42.43 = N.E BP. {HEADWALL / CULVERT} 100' E'ly SAN MIGUEL ON OCEAN VIEW

6-4-54

Stamper
Allen
Huffman
Nordahl

CURB ELCAJON BLVD & 32-ND ST.
PERMIT JOB W.O. 20007

Sta.	Elev.	Top Cb. Grade	F/11	
+29	101.21	101.21		Match
+16	100.87	101.14	0.27	End Transition
+06	100.80	101.09	0.29	Begin Transition
2+00	100.78	101.06	0.28	
+75	100.71	100.92	0.21	
+50	100.57	100.79	0.22	
+25	100.47	100.66	0.19	
1+00	100.34	100.53	0.19	
+75	100.20	100.40	0.20	
+50	100.05	100.26	0.21	
+25	99.83	100.13	0.30	
+10	99.78	100.05	0.27	End Transition
+				
0+00		100.00		
B.M. +491	104.91	100.00		Top N.E. End Existing Curb Assumed
2+29	-3.71	101.21		

0.528 %

Clark
Briner
O'Neil

6-11-54
N.O. 20007

CB. GRADES - SEA-BREEZE DR. (E'ly)

Beg CB at Point 76.65 S'ly South Line Potomac
END CB AT A POINT 216.99' S'ly " " "

INDEXED
JER
JUN 14 1954

STA.		Elev's
CHK:		267.98 = 267.98 (Soe B.M.)
		chk. 259.50
1+40.34 = EXIST. CB.	(meet)	259.50
1+32.59 BVC		259.89 260.10 F0.21
1+07.59		262.09 261.97 C0.12.
0+82.59		264.11 263.42 C0.69
0+57.59		265.32 264.71 C0.61
0+32.59 • BVC		266.66 265.58 C1.08
0+10		267.31 266.39 C0.98
0+00 = END. EXIST CB E'ly SEABREEZE 76.65 S'ly S. Line Potomac.	(meet)	266.65 (266.61)
chk. CB. B.C (0-76.65) S'ly Potomac SEABREEZE		= 269.03
B.M. Dr. Elev. Rod		267.98 = S.W.B.P.

Note: Permit # 15972-3
Ref: Profile sheet # 3147
F.B. # 2100
MAP # 1936-3 (Does not apply this area!)
Also address on Permit (2115 Sea Breeze) applies to Propowner's home & not where work to be done

SEA BREEZE & POTOMAC.

Stake 92.10' of curb for Service Sta.

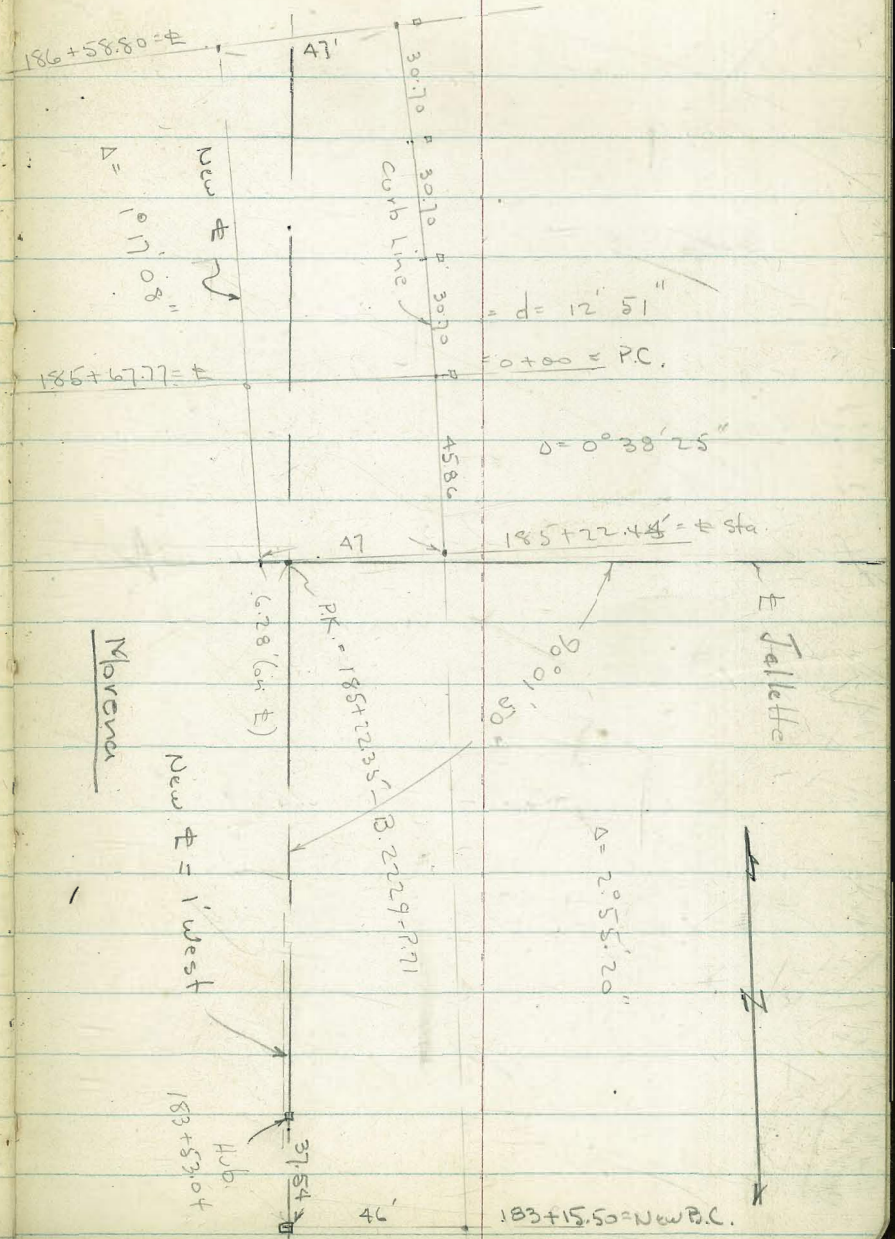
W.O. 20007 - 6-24-54 - 7.0

Book 2229 - P. 71 for orig. alinq.

stakes - 3' Back

	Stake	Grade	
0+00 = P.C. of 30' Rad.	15.20	15.97	F 0.77
+30.70	15.53	16.17	F 0.64
+60.40	15.86	16.37	F 0.51
+92.10 = end.	19.32	16.58	C 2.74

See Plan - by Hom - No Number.

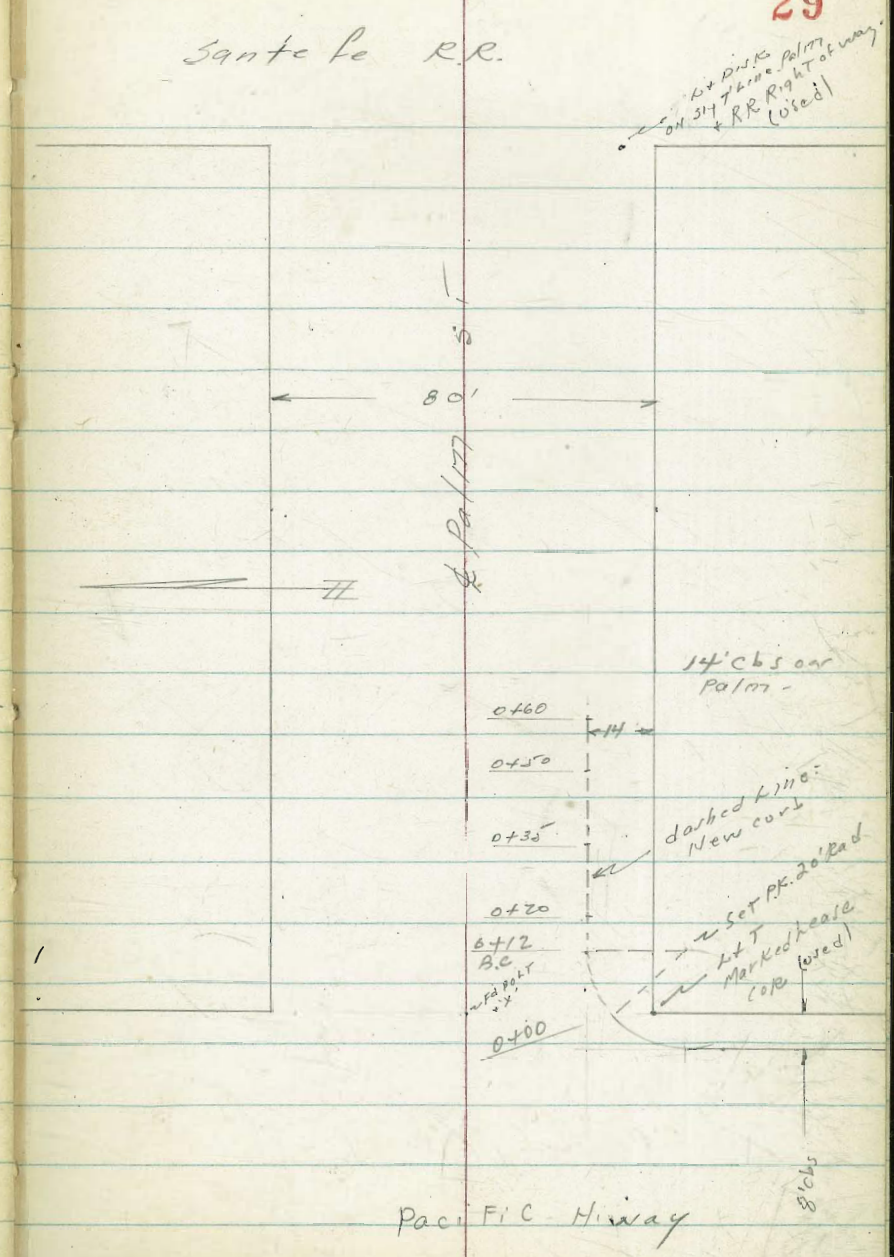


BM: Top of curb 0+00 = 14.31 - FB 1841-1

INDEXED
OCT 18 1954

Stake 60' curb on Sly side Palm ST.
from Ely Line Pacific Hiway Fly for
60' WO# 20007 - 10/11/54
C. Allen, D. Sisson, C. Powell - - Staked
Ref. FB 1841-1. 14' back cb to
Green Profile Sheet #714.

Station	Curb Grade	Stake	CUT or Fill
end of JOB 0+60	15.26	15.09	F0.17
0+50	15.14	C0.05 15.19	C0.05
0+35	14.97	15.19	C0.22
0+20	14.76	14.94	C0.18
0+12 = Cb Ec	14.60	14.62	C0.02
exist Radius 0+00 = Meet Ely Line Pac Hiway	14.31	Meet	



Clark O'Neil
10-15-54
W.O. 10007

80' WALK on S'ly QUINCE - W'ly OF Future VANCOUVER

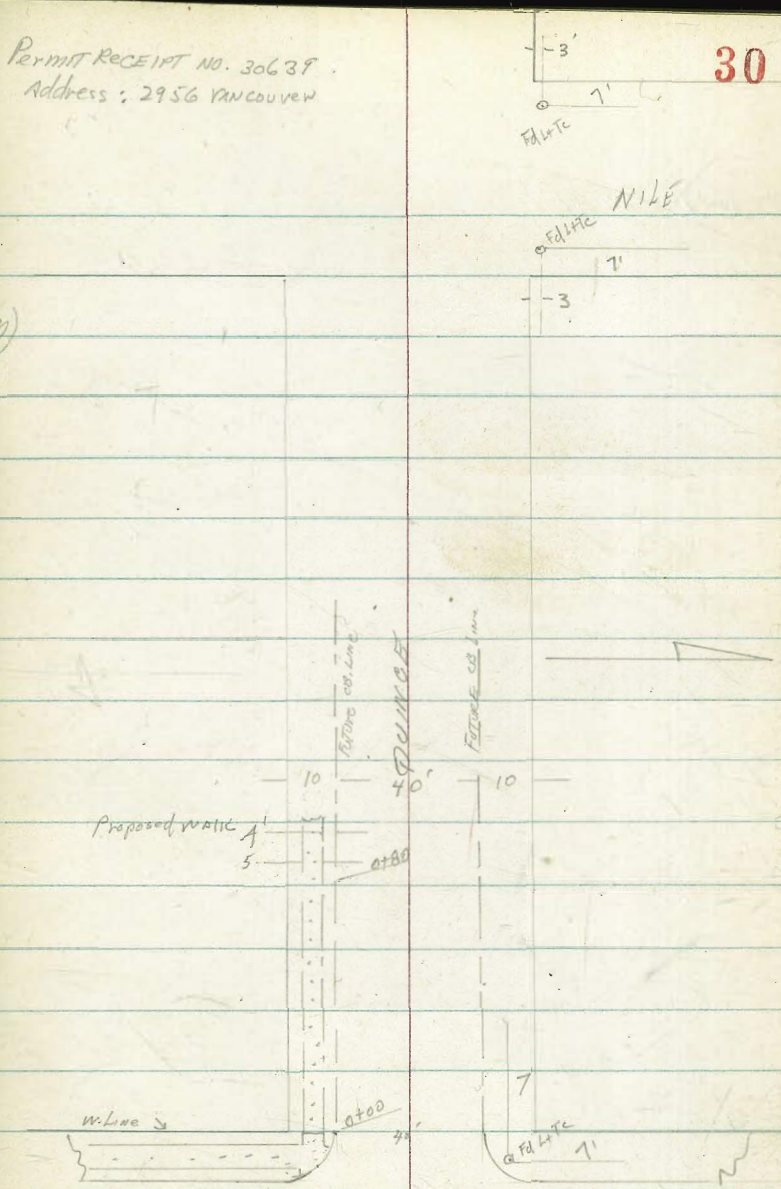
INDEXED
GER
OCT 18 1954

Permit Receipt No. 30639
Address: 2956 Vancouver

Ref: Profile sheet for ordinance # 12304
T.P.S # 3517

	Grade Walk	Grade CB	
Chk:		279.67 = 279.69 = (B.M)	
Note: Set Stubs 4' off Front Edge Walk - on CB Line			
0+80	288.80 287.58 C1.22	288.80 287.50 C1.30	
0+75	287.83	287.75	(not set for walk)
0+50	290.40 289.08 C1.32	290.40 289.00 C1.40	
0+25	291.30 290.33 C0.97	291.30 290.25 C1.05	
0+00 = W. Line Vancouver	Chk:	291.53 291.50	= Exist. CB End. meets Exist
		279.69 = NEBP Nile + Quince	

B.M. Dir. Elev. Rod.



VANCOUVER

INDEXED
JER
NOV 19 1954

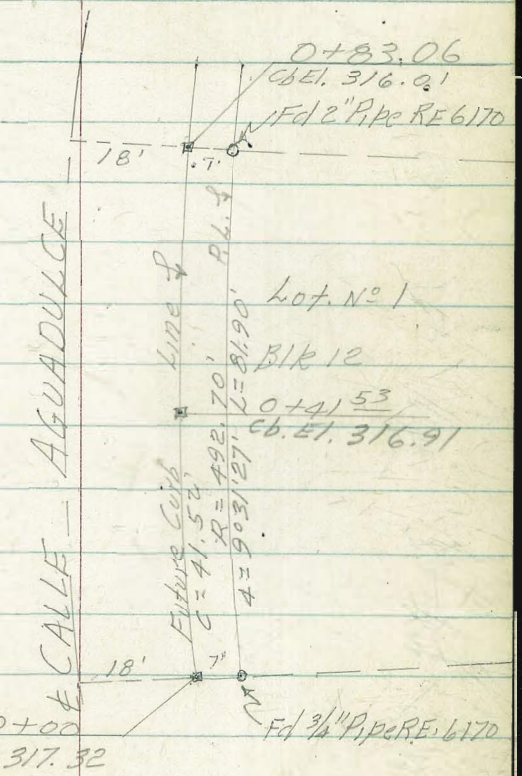
Ref F.B. 2142
Winn Sub. Map 3078

11-18-54

Stamper
Huffman
Nordahl
Elmore

CURB STAKES IN FRONT OF LOT Nº 1
WINN SUBDIVISION W.O. 20006

B.M.	314.26	314.26
0+83.06	C 3.99 320.00 316.01	
0+41.53	C 3.135 320.26 316.91	
0+00	C 3.40 320.72 317.32	
B.M.	314.26	



Top E.C. Pipe W. Side Calle Aguadulce =
Sta 7+47.98 ℄ 2142-5

11-24-54

CURB STAKES 7-TH, 8-TH & SLY LINE
OF BEECH-ST. W.O. 20007

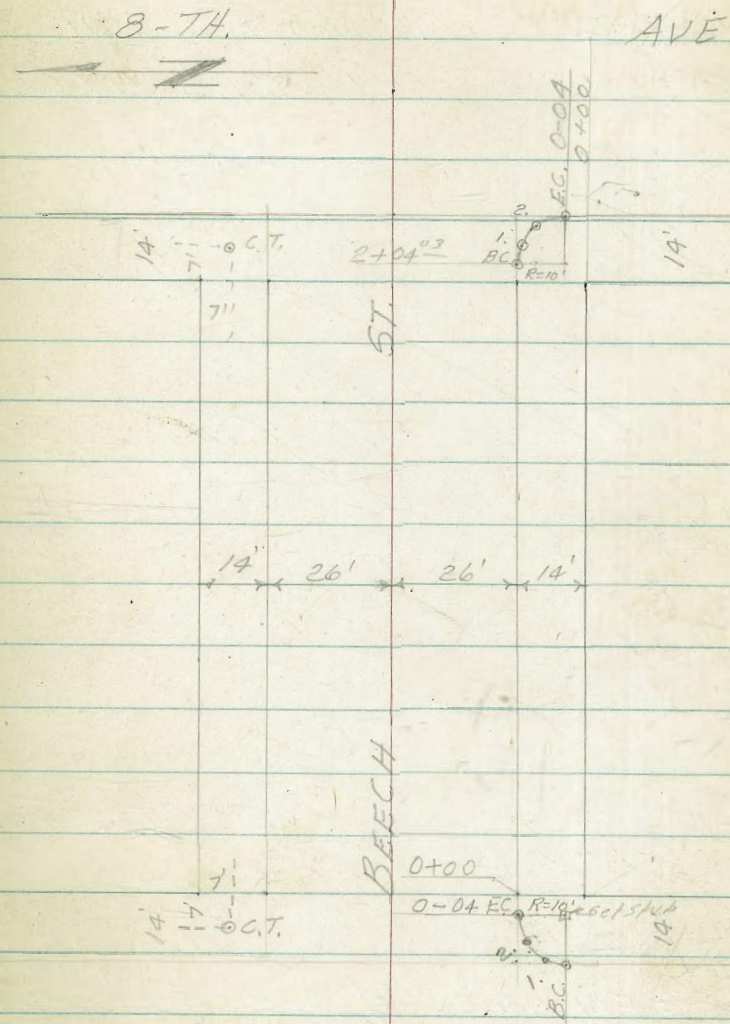
S.W. Cb. Ref. 8-th. & Beech

Sta.	Gut. Elev.	Top Cb.	Top Stub	Grade	
B.C.			138.50	138.99	F0.49
1/3			138.48	138.94	F0.46
2/3			138.16	138.90	F0.74
E.C.			138.17	138.86	F0.69

S.E. Cb. Ref. 7-th. & Beech

B.C.			151.61	151.84	F0.23
1/3			151.69	151.97	F0.28
2/3			151.83	152.10	F0.27
E.C.			152.08	152.23	F0.15

Set P.K. PP. No 308455-H
TBM. @ NE Cor Beech & 7-th. 154.70
BM. 161.88
B.M. 130.97



SEBP. 7-th & Cedar
NEBP. 8-th & Ash

INDEXED
HER
NOV 26 1954

11-24-54

Stamper
Hoffman
Nordahl
Elmore

CURB GRADES SLY LINE BEECH
BETWEEN 7-TH & 8-TH STS. W.O. 20007

	Est. Grade	Exist Gut.	
			FO 0.7
			152.68
1+00	153.00	152.25	152.75
			FO 2.8
			152.42
0+75	152.75	152.20	152.70
			FO 0.34
			152.23
0+50	152.50	152.13	152.57
			FO 0.60
			151.87
0+25	152.25	151.99	152.47
			152.
0+00 = Ely. Line 7-th Ave.	152.00	151.88	152.38
0-04 = E.C. Cb. Ret.	151.85		152.23

x 1.00

0.37.00

GRADES S'LY LINE BEECH

		Est. Grade	Exist Gutter	
				FO 49 138.50
2+04 = B.C. Cb. Ret.		138.85	138.49	138.99
				FO 10 139.04
2+00 = W'ly Line 8-th Ave		139.00	138.64	139.14
TP.		140.52		FO 67 141.87
1+75		142.50		142.54
				13.61.00 FO 30 145.65
1+50		146.00	145.54	145.95
TP.		149.10		
				FO 50 149.00
1+25	80 -14 -	149.50	149.02	149.50

CURB GRADES WLY LINE 8-TH AVE
BETWEEN ASH & BEECH. STS.

		Red Line Est. Grade	Exist. Gutter		
0+75		137.50	136.58		F0.27 136.96 137.23
0+50		138.00	137.16		F0.22 137.53 137.75
0+25		138.50	137.69		F0.55 137.68 138.23
0+00 = S/y Line Beech St.		139.00	138.21	1.92 %	138.71
0-04 = E.C. Ch. Ref.	1.72 %	139.15	138.31		F0.69 138.17 138.86

GRADES WLY LINE 8-TH AVE

		Est. Grade	Exist. Gutter		
8+9 / 2+3					
1+14	End of Existing Curb	136.52 Top Cb.	135.82 Gut.		Match 136.52
					F.O. 49 136.80 136.79
1+00		137.00	136.18		

CURB GRADES ELY LINE 7TH AVE
BETWEEN ASH & BEECH STS.

	Est. Grades Red	Blue	Exist. Gutter		
					F O 22
					149.32
0+75	149.75	147.75	148.93		149.54
					C O 27
					150.54
0+50	150.50	148.50	149.64		150.27
					F O 10
					150.90
0+25	151.25	149.25	150.34	2.92 %	151.00
0+00 = Sly Line Beech St.	152.00	150.00	151.23		151.73 V
					F O 23
					151.61
0-04 = Cb. B.C.	152.10		151.34		151.84

CURB GRADES ELY LINE 7-TH AVE

B.M.			130.98	130.97 NEBP 8-th & Ash.	
		Est. Grade		Exist. Gutter	
		Red	Blue		
				148.49 CB.	
1+11	End of Existing Cb.			147.88 G	148.49
					FO 85 147.96
1+00		149.00	147.00	148.17	148.81

INDEXED
JAN 27 1955

1-27-54
C.H.S.

Riley St.

Between Kurtz + Hancock.

Lots 17+18 Blk 340 Old town.

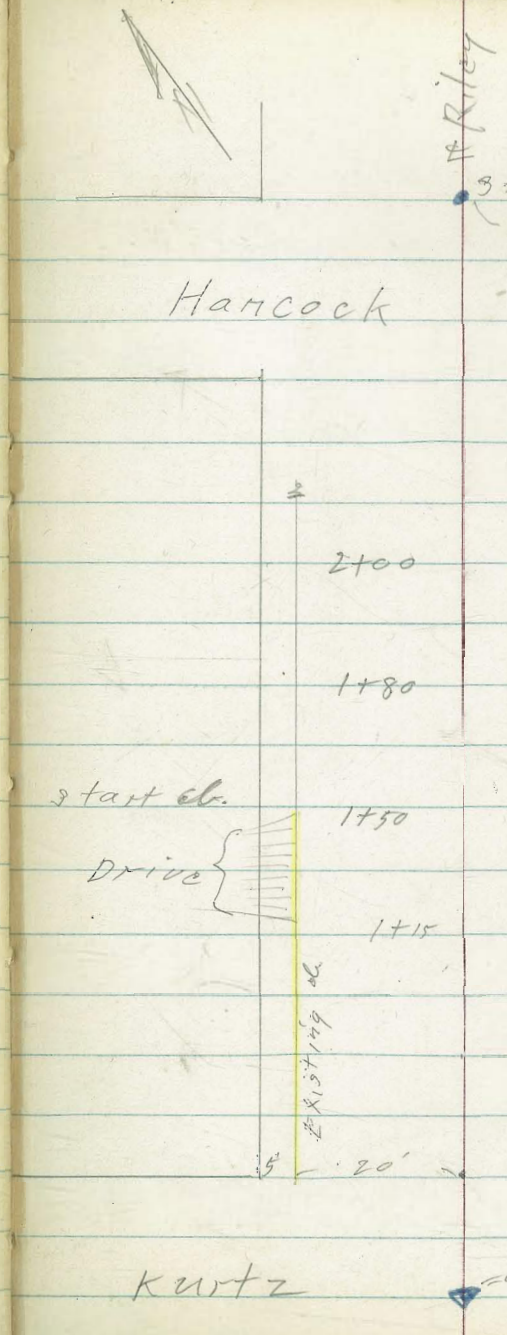
FB 2078 - P34

Profile # 3752

40' Roadway.

Stakes 2' Back of ob. face.

stakes set 2' Back of ob.
because of loose dirt
piled on 3' back line.



3+50 — Fd. L+T.
EL. 4.75 FB 2078
P. 36

2+00	2.10 3.20 F 1.10
1+80	2.20 3.08 F 0.88
1+50	2.42 2.90 F 0.48
1+15	2.70
0+00	2.06

0-25
Fd. R.R. spike

Ref FB 2035

1-28-55
Stamper
Huffman
Shipman
Sherwood
Elmore

40

INDEXED
JAN 31 1955

CURB STAKES MALDEN ST FROM
COLLINGWOOD TO JEWELL W.O. 25020
(For Observation Only)

			℄	Rt.
0+66.19			FO 15 4450 244.65	CO.31 4356 243.25
0+46.19			CO 25 43.90 243.65	CO 63 4288 242.25
0+26.19			CO 60 4287 242.27	C1.15 4202 240.87
0+10			CO 85 4185 241.00	C1 10 4070 239.60

30' Cps

0+00 = E. Line Collingwood

B.M. 238.74 ~~229.59~~ (Out) Top Conc. Mon SE. Cor Collingwood & Malden (2035-68)
Top Prop Pipe Nly Line Malden 69.3 E. of E. Line Jewell

1-28-55

CURB STAKES MALDEN ST

		Lt.	℄	Rt.
1+86.19		C 1.66 4442 242.76		C 0.58 4194 241.36
	↓ 5.773%			
1+66.19		C 0.77 4469 243.92		C 1.00 4351 242.52
1+46.19		C 0.42 4525 244.83		C 1.09 4452 243.43
1+26.19		C 1.33 4669 245.36		C 1.38 4534 243.96
1+06.19		C 0.79 4630 245.51		C 0.99 4503 244.11
0+86.19		F 0.07 4520 245.27		C 0.21 4408 243.87

1-28-55

MALDEN ST

	Lt.	℄	Rt
3+50	C 0.45 3376 233.31		F 0.26 3165 231.91
3+25	F 0.10 3465 234.75		F 0.15 3320 233.35
3+00	C 0.47 3667 236.20		F 0.28 3452 234.80
2+75	C 0.62 3826 237.64		C 0.28 3652 236.24
T.P.		238.51	
2+50	C 1.70 4078 239.08		C 0.35 3803 237.68
2+25	C 1.97 4249 240.58		F 0.09 3903 239.12
38.81			

1-28-55

			Lt.	℄	Rt.
MALDEN ST.					
B.M.		231.22-	231.19	Sta 3+44-26' Rt. ℄ Conc. Driveway	2035 73
4+00			C 1.83 3236 230.53		C 0.42 2955 229.13
3+75			C 1.10 3296 231.86		C 1.46 31.92 230.46

JELLETT St.

Location Signal Boxes etc.

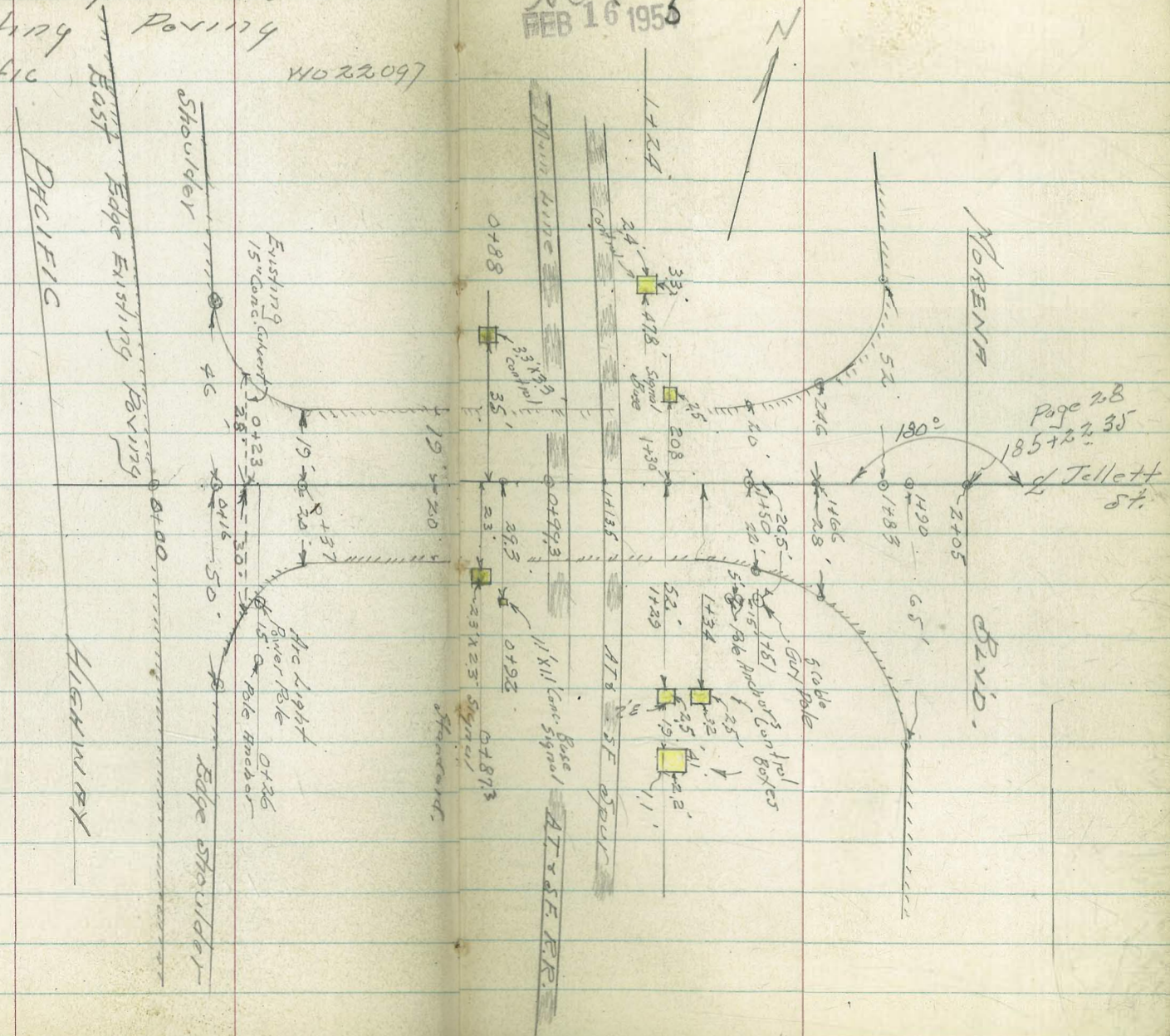
And Existing Paving

From Pacific Hwy To Morena

Walker
Pope
Oltman
Olow
2-14-55

WO 22097

INDEXED
FEB 16 1955

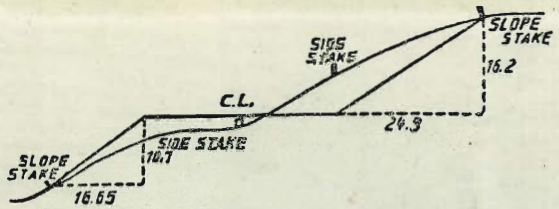


299.49
667
30 556
842
30 0 14

5'

3'

234.42



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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