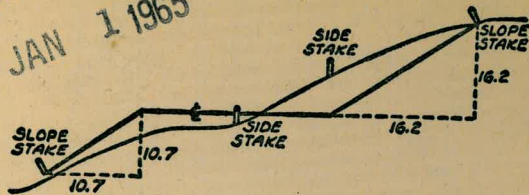


2136

TRAVEL BOOK

MICROFILMED

JAN 1 1965



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 the 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.

1251 4390

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	.029	.032	.035	.039	.043	.047	.051	.055
20°	.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	.046	.093	.142	.188	.236	.283	.332	.381	.420	.479	.530	.582	.641	.700
60°	.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.771	.845	.922	1.01
70°	.080	.159	.240	.321	.403	.485	.568	.652	.735	.819	.906	.994	1.08	1.17
75°	.095	.182	.266	.353	.440	.528	.617	.707	.797	.891	.977	1.07	1.18	1.29
80°	.110	.220	.332	.445	.558	.671	.787	.903	1.02	1.13	1.25	1.38	1.50	1.62
85°	.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	.174	.350	.522	.706	.885	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
110°	.268	.536	.806	1.08	1.35	1.63	1.91	2.20	2.48	2.76	3.05	3.35	3.66	3.96
120°	.360	.721	1.08	1.45	1.82	2.19	2.57	2.95	3.33	3.72	4.11	4.50	4.91	5.32

Index

X- Sec. Alley BIK 13, Pt. Loma Heights 1
(Macaulay to Oliphant, bet.
Mendota & Capistrano)

X- Sec. Selma Place 9
E. Tecolote Dr. X- Sec. at Linda Vista Rd. 22

' Storm Drain - Mission Blvd + Turquoise N. Fly. 26

Sewer Eleva. Wellington Street 34

X- Sec. Selma Pl. added notes 48-51

X- Sec Drain " " Beverly 52

A- SECT. Clayton, Pac. Hwy to Rwy 56

Survey + Tie Pts. Wellington & Levant 65

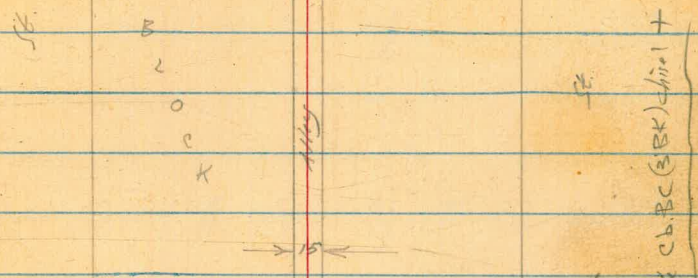
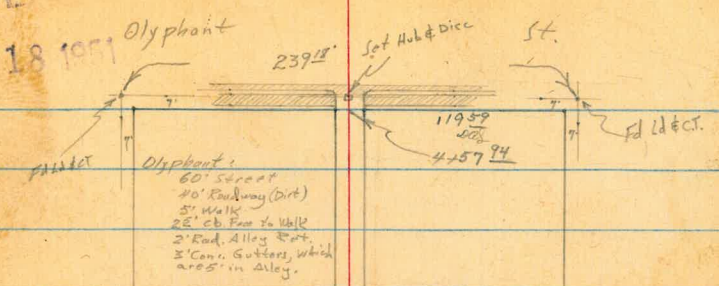
Roberts
Cota
Moore
Pillay
4-16-51
W.O. 31743

X-Section Alley BIK 13, Pl. Loma Alta
Olyphant to Macaulay
Between Mendota & Capitranos
T.P. 7214722 See GE 260 pg 35 & 36

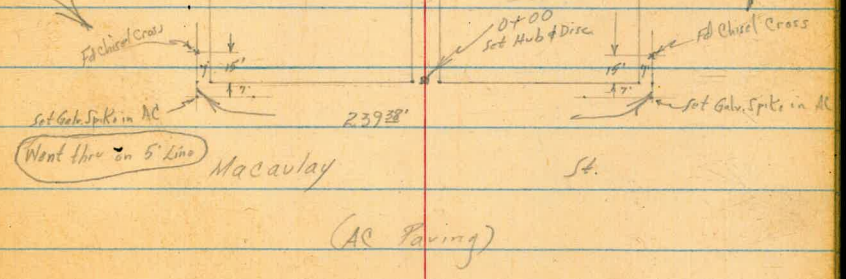
Reduced - Remington - 4-18-51

INDEXED

APR 18 1951



Do not Mistake
Cb. BC (3' BK) Chisel +



Cont'd from Page 1

4

5

6

2

0+27 14th St & Single Garage

T.P. 0.76 122.80A 9.74 122.04

122.80A

122.58

9.22
122.58
conc.

0+03

122.5 123.0 123.8 124.2 123.8
9.5 9.0 8.2 7.8 8.2
20 75 75 75 20

0+00

East Line Macaulay

125.5 125.0 124.3 125.0 126.8
6.5 7.0 7.7 7.0 5.2
20 75 75 75 20

0-10

123.0 125.0 125.9 127.9 129.9
9.0 7.0 6.1 4.1 2.1
100 50 50 50 100

0-12

A.C. Gutter Macaulay (No Curb)

121.46 124.06 125.62 127.30 129.14
7.52 7.92 6.36 4.68 2.86
100 50 50 50 100

0-32

A.C. Pav. Macaulay

123.39 125.14 126.73 128.31 130.10
8.59 6.86 5.25 3.67 1.88
100 50 50 50 100

T.P. 8.09 131.98A 12.13 123.89

131.98A

B.M. 2.92 136.02 133.10 NWB.P.

Chatsworth & Narragansett

Cont'd From Page 2

Lt

Rt

Rt

3

1+00

114.9	115.0	115.2	115.5	117.5
7.9	7.8	7.6	7.3	5.3
20	7 ²		7 ²	20

0+88

7² Lt Begin Pickett Fence

0+85

9' Rt End Conc. Apron

117.30	120.07
5.50	2.75
9	2.13
conc	Floor

0+70

9' Rt Begin Conc. Apron Double Garage

118.41	120.05
4.37	2.75
9	2.72
conc.	Floor

0+60

118.4	118.2	118.5	118.9	120.9
4.4	4.6	4.3	3.9	1.9
20	7 ²		7 ²	20

0+58

6² Lt to Center P.Pole # PA1811

0+41

6' Lt to Deadman

0+40

121.5	121.3	121.1	121.1	121.6
1.3	1.5	1.7	1.7	1.2
20	7 ²		7 ²	20

122.80X

122.80X

Cont'd From Page 3

Lt

£

Rt

4

T.P. 419 116.57 π 10.42 112.38

2700

111.9 112.3 112.5 112.7 113.1
 10.9 10.5 10.3 10.1 9.7
 20 72 72 72 14
 Fence

1485 12' Lt E Single Garage

112.64 112.46
 10.16 10.34
 12' Floor 72 Apron

1477 6' Lt to Center P. Pole \pm

113.09 112.84
 9.71 9.96
 12' Floor 72 Apron

14695 12' Lt E Single Garage

1461 8' Lt END Picket Fence

1450

113.0 113.2 113.3 113.4 113.9
 78 96 95 74 87
 20 72 72 72 14
 Fence

7736 13' Rt END Conc. Yard

114.27 115.84
 8.53 6.96
 13 25

1403 13' Rt Begin Conc. Yard

115.56 116.70
 7.24 6.10
 13 25

122.80 π

122.80 π

2+98

7² Lt End 4² Conc. Block wall

110.7

111.6

5.9

5.0

7²
Foot7²
Grd.

2+79

16⁴ (S.W.) Cor Garage

114.4v

2.15
76
Floor

2+75

BRK. in Apron

113.39

3.18

16²
conc

2+61

16² RT Begin Apron For Single Garage TP to Alley
Used to be Double Garage spanning on Alley

113.39

3.18

16²
conc

113.73

2.84

25²
conc

2+58

7² Lt Begin 4² Conc. Block Wall
6⁵ Lt to Center P.Pole # PA1855

111.9

112.0

112.7

112.5

112.9

113.8

4.7

4.6

3.9

4.1

3.7

2.8

2.0

7²
Foot7²7⁵

2.0

2+46

12' 4" Q Single Garage

112.52

112.32

4.05

4.25

12
Foot7²
Apron

2+10

14⁵ R4 Q Single Garage

113.22

3.35

11²
Apron

113.42

3.15

14⁵
Foot116.57 π 116.57 π

3+78 6' Lt to Center P. Pole # PA 1883

108.3 109.5
83 71
75 Foot 76
20' Wall
Grid

3+66 23' Rt & Double Garage

111.10 111.67
5.47 4.90
173 Apron 23 Floor

3+48 6' Lt to Apron

109.20 110.49 110.53 110.6 110.7 111.8
727 6.08 6.04 6.0 5.9 4.8
30 Floor 75 68 Apron 72 20

3+38 7' Lt Begin Conc. Block Wall (5')

109.7 110.7
6.9 5.9
78 Foot 78 Grid

3+31 16' Rt & Single Garage

111.61 112.53
4.96 4.04
12 Apron 16 Floor

3+28 12' Lt & Single Garage

110.84 110.75
5.73 5.82
12 Floor 7 Apron

3+00

110.9 111.3 111.9 112.1 112.7
5.7 5.3 4.7 4.5 3.9
20 75 73 16 Wall

Cont'd from Page 6

4466 Edge Gutter

T.P. 5.88 110.33A 12.12 104.45

4457⁹⁴ West Line Olyphant

4430

4418 7⁶ H FND Conic Block Wall

4400

3488 6² H G Conc Apron

11657A

24

6

22

7

105.23	104.40	104.79	105.21	106.13
5.10	5.93	5.54	5.12	4.20
7 ²	7 ²		7 ²	2 ²
cb	Gutt		Gutt	cb

110.33A

105.49	105.6	105.7	106.1	106.3 ^v
11.08	11.0	10.9	10.5	10.25
7 ²	7 ²		7 ²	7 ²
cb	Gutt		Gutt	cb

107.1	107.4	107.4	107.8	108.8	109.1
9.5	9.2	9.2	8.8	7.8	7.3
15	7 ²		7 ²	10	20

107.0	108.1
9.6	8.5
7 ⁶	7 ⁶
Foot	680

108.8	108.8	109.0	109.7
7.8	7.1	7.6	6.9
7 ²		7 ²	20

108.27	109.08
8.30	7.49
29 ²	6 ²
Floor	Apron

11657A

Check

224 133.10 = 133.10

T.P. 7.70 135.34 0.45 127.44

T.P. 13.13 127.89 0.04 114.76

T.P. 12.12 114.80 7.65 102.68

West Curb Line. Elephant

110.33 ⌈

103.29	102.30	105.05	104.10	104.62	105.20	106.19	107.96	108.93
7.04	8.03	5.25	6.23	5.71	5.13	4.14	2.87	1.40
50	50	75	92		92	92	75	45
Cb	Gut	Cb	Gut		Gut	Cb	Gut	Cb

110.33 ⌈

D. Smith
C. Allen
Nick
D. Shepar

X sec Selma Pl.

Note; 5' parking + 5' walks through out
where there are cts.

Fd 1" pipe NE cor Selma + Roswell
prop.

1433 17² Lt end of a walk

1423 17⁵ Lt & 12' drive

TP, 10⁰⁵ 253⁸⁵ 019 243⁸⁰

1400

0759

Taken on prop line
0400 South prop Roswell & Selma Pl. 52/17
265
81/11
11/11

BM 317 243⁹⁹

NW 3/4 Cor
Roswell
Hilltop
FB 2025.82
240⁸²

Reduced
7-5-51 Lt. Ecs +
RYAN

W^o # 25020 9
7-2-51
Lt. West

244.87

828

17²

06

91

244.06

929

125

drive

253⁸⁵

244.2	243.99	243.0	242.9	240.0	242.0
+03	0 ⁰⁰	10	11	20	21
30	12	17	17	17	17
06	06	06	06	06	06
243.8	242.34	241.6	241.2	240.3	241.24
02	165	24	28	35	235
30	17	17	17	17	17
06	06	06	06	06	06
241.5	240.98	240.2	239.6	238.4	238.97
25	301	38	44	55	55
30	17	17	17	17	17
06	06	06	06	06	06

243⁹⁹

on split of L
3+20²⁶ L. RT 28° 27' turned split cbs

3+00

2+50

2+13 RT E 10' drive

2+00

1+50

Lt = East 2 Rt = West 10

249.7	248.7	248.0	248.24	248.2
42	52	52	56	57
17		175 Sut	175 CS L. RT	30

249.2	248.5	247.8	248.12	248.0
42	54	61	52	52
17		175 Sut	175 CS	30

249.0	248.8	247.4	246.3	246.99	246.9
43	56	65	76	68	76
30	17		175 Sut	175 CS	30

245.22

863

175

drive

410

247.7	246.9	245.7	244.9	245.48	245.2
62	70	82	90	83	82
30	17		175 Sut	175 CS	30

246.0	244.9	244.3	243.5	244.05	243.6
72	90	96	104	98	103
30	17		175 Sut	175 CS	30

25385

6400

5450 Bkt in grade in cb on LF

5400

4450

4407 LF Begin cb & walk

4400

3450

$LX = E_{0.5}$
 84 93 92 100
 30 174 174 174
 cb 94

$RT = W_{0.5}$
 112 102 112
 124 174 30
 242.7 242.93 242.7

246.9 246.59 245.7 245.5
 70 72 82 86 98 94
 30 172 172 173 173 173
 cb 94 54 54 54

244.1 244.43 244.1
 98 94 98
 173 173 173
 54 54 54

247.8 247.40 246.7 246.5
 61 64 72 76 86 83
 30 175 175 173 173 173
 cb 94 54 54 54

245.3 245.52 245.2
 86 83 87
 173 173 173
 94 54 54

248.5 248.14 247.7 247.3 246.1
 54 52 62 66 78 72
 30 172 172 172 172 172
 cb 94 94 54 54 54

246.64 245.9
 72 80
 172 172 172
 94 54 54

248.75
 50
 172
 cb 94

249.1 248.8 247.9 247.1 247.57 247.3
 48 51 60 68 62 66
 30 17 172 172 172 172
 17 17 54 54 54

247.3
 66
 172 172 172
 54 54 54

250.2 249.6 248.5 247.7 248.12 248.0
 32 42 54 62 52 52
 30 17 172 172 172 172
 17 17 54 54 54

248.0
 52
 172 172 172
 54 54 54

253.85

BM starting

337 240⁸³ ✓
101

TP₄ 14⁸ 244²⁰ 10¹⁸ 242⁷³

TP₃ 5²⁴ 252²⁰ 0³¹ 247⁶⁶

7+75

17⁵ RT end cb + walk

7+48⁵ 23⁴ LT end side walk

7+37 17⁶ LT end cb

7+00

6+89 E SMH

TP₂ 5²⁴ 247⁹⁷ 11²³ 242⁰⁰

6+50

LT-East

E

RT-West

12

238.8 237.6 235.9 234.9 234.1
9² 10⁴ 12¹ 13¹ 13²
30 - 17 17 30

240.6 240.06 238.9 237.1 235.1 235.64 235.5 234.5
7⁴ 7⁹ 9¹ 10² 12² 12⁴³ 12⁵ 13⁵
30 23⁴ 17 17³ 17³ 23³ 30
walk walk

240.25

7²²

17⁵
cb end

242.7 241.59 240.7 240.0 238.0 238.92 238.4
5³ 6³⁸ 7² 8⁰ 10⁰ 9⁵³ 9⁶
30 17⁵ 17⁵ 17⁵ 17⁵ 17⁵ 30
cb cb

240.36

7⁶¹

11^m

244.4 243.39 242.2 242.2 240.5 240.49 240.5
9⁵ 10⁴⁵ 11² 11² 13⁴ 13⁶ 13⁴
50 17⁵ 17² 17³ 17² 30
cb cb

253⁸⁵

Lt North E Rt=South

15

2120

257.1	256.9	256.6	255.6	255.3	255.2	253.0	246.9
8 ⁵	8 ⁷	9 ⁰	10 ⁰	10 ³	10 ⁴	12 ⁶	18 ²
40	30	24	17		26	30	40

2101 21^E Lt. E F' con drive

256.29	256.12
9 ³⁰	9 ⁴⁷
31 ^E	21 ^E
drive	drive

TP, 10²⁵ 265⁵⁹ 0⁶² 254⁵⁴

1497 19^R Rt E 10^{tel} Pole # 76557

265⁵⁹

1470

255.5	255.2	255.1	254.9	254.9	253.8	251.1	250.5	252.2
0 ⁰	0 ³	0 ⁴	1 ⁵	1 ⁶	1 ²	1 ⁴	2 ⁰	3 ³
40	30	21	16		16	28	30	40

1441 23^L Lt E con drive

254.58	254.44
0 ⁸⁸	1 ⁰²
33 ^L	23 ^L
drive	drive

1420 23^L Lt E 8^{con} drive

253.89	253.75	253.61	252.5	252.4	252.6	253.5	253.2
1 ⁵⁷	1 ²¹	1 ⁸⁵	3 ⁰	3 ¹	2 ⁹	2 ⁰	2 ³
40	30	23 ^L	16		21	30	40
drive	drive	drive					

1417 22^L Lt end con wall

252.7	253.98
2 ⁸	1 ²⁸
22 ^L	22 ^E
Getting	Turn
	wall

255 46

4700

3497 23² RT end con walk 11 to line

3497 21⁰ RT £12 Power Pole # P76558

3482 19⁸ RT £ 4' con walk

3456 28⁵ LT £ 8' con Drive

3456 23⁵ RT Begin 4' con walk 11 to line

3450

3400

2470

Lt = North

£

RT = South

16

262.0	261.7	260.7	260.2	260.5	260.7	261.1	261.1	261.1
3 ⁵	3 ²	4 ²	5 ²	5 ¹	4 ²	4 ⁵	4 ⁵	4 ⁵
40	30	16	11		14	21	30	40

261.18

261.17

4⁴

4⁴

232

273

walk

walk

260.65

260.73

4²

4²

19⁸

30

walk

walk

260.83

260.40

4²

5¹²

38⁵

28²

Drive

Drive

260.13

260.08

5⁴

5⁵

23⁸

27⁵

walk

walk

260.3	260.1	259.8	259.1	258.9	258.9	259.4	259.3
5 ³	5 ⁵	5 ⁸	6 ⁵	6 ²	6 ²	6 ¹	6 ²
40	30	20	14		15	30	40

258.9	258.6	258.3	257.5	257.5	257.7	257.4	257.1
6 ²	7 ⁰	7 ³	8 ¹	8 ¹	7 ²	8 ²	8 ⁵
40	30	23	15		25	30	40

258.1	257.7	257.4	256.9	256.6	256.7	255.2	251.3
7 ⁵	7 ²	8 ²	8 ²	9 ⁰	8 ²	10 ²	14 ³
40	30	23	15		25	30	40

265.52

Lt-North E

RT-South

17

TP₂ 8²⁵ 274⁰¹ 0³³ 265²⁶

274⁰¹

5400

264.8	264.7	264.9	263.8	263.6	263.7	264.2	264.2	264.2
0 ²	0 ²	0 ⁷	1 ⁸	2 ⁰	1 ²	1 ⁴	1 ⁴	1 ⁴
40	30	20	8		14	24	30	40

4491 20⁵ RT E 10" power Pole # 373806

4459 20³ RT E 8" tree

4450

263.4	263.6	263.2	262.3	262.1	262.1	262.6	262.8	263.0
1 ⁸	2 ⁰	2 ⁴	3 ³	3 ⁵	3 ⁵	3 ⁰	2 ⁰	2 ⁶
40	30	21	9		14	20	30	40

4446 24⁰ RT end con walk // to line

262.75	262.77
2 ⁸⁴	2 ⁸²
24 ⁰ walk	2 ⁸⁰ walk

4424 18⁵ RT E 3' con walk

262.02	262.09
3 ⁵⁷	3 ⁵⁰
18 ⁵ walk	3 ⁰ walk

4421 29⁰ LT E 8' con drive

262.87	262.63
2 ⁷²	2 ⁹⁶
29 ⁰ drive	2 ⁹⁰ drive

260.89	261.62	261.61
4 ²¹	3 ²²	3 ²⁸
26 ⁵	24 ⁰ walk	2 ⁸⁰ walk

4408 24⁰ RT Begin 4' con walk // to line
E SMH also

6747 20² Lt E 12" Power Pole # P 76559

6730

6707 30² Rt E 6³ can ribbon drive 2' ea

6700

5796 29^E Lt E 8' con drive

5792 29^E Lt End con block wall

5752 29^E Lt Begin con block wall

5750

Lt = North

E

Rt = South

18

269.0	268.6	268.5	267.8	268.4	268.6	268.7	268.7
5 ²	5 ²	5 ²	6 ²	5 ²	5 ²	5 ²	5 ²
40	30	20	11		19	30	40

268.13

267.79

5 ²	6 ²
30 ²	40 ²
drive	drive

267.8	267.8	267.2	267.0	267.0	266.9	267.8	267.8	267.6
6 ²	6 ²	6 ²	7 ²	7 ²	7 ²	6 ²	6 ²	6 ²
40	30	18	10		15	19	30	40

267.81

267.81

6 ²	6 ²
40	29 ²
drive	drive

267.3

268.22

6 ²	5 ²
29 ²	29 ²
Footing	Top wall

266.1

267.55

7 ²	6 ²
29 ²	29 ²
Footing	Top wall

266.2	266.1	266.0	265.7	265.4	265.7	265.9	266.0
7 ²	7 ²	8 ⁰	8 ²	8 ²	8 ²	8 ¹	8 ⁰
40	30	24	13		18	30	40

274⁰¹

0750

17.63 17.67

0717⁶⁰ NW Prop cor

0700

7400

6779⁵⁰ E SMH = 0700 to North

6765 21° RT E dead man

6761²⁰ NW prop cor

Lt=West

19
Rt=East

270.3	270.0	269.5	268.9	269.1	269.1	269.3	268.7	266.7
32	42	45	51	49	42	42	53	72
40	30	21	14	14	27	30	40	

269.6	269.7	269.2	269.9	270.1	269.6	268.6
44	42	48	41	32	42	54
30	19	14		20	30	40

269.75

426
rim

269.7	270.2	270.1
42	38	32
30		30

269.7	269.75	270.2
48	426	38
30	rim	30

269.9	269.6	269.5	268.8	269.4	269.6	270.0	270.4
42	42	45	52	46	44	40	36
40	30	20	15		19	30	40

274.01

3700

2750

2710 25^s RT & 12" power pole # 278222

2709 18^e LT & 10" tel pole # 370190

2700

1788 23^s RT & dead man

1750 24^t LT & 109m drive

1700

0799 23^t LT & 12' con drive

0767 29^t LT & 3' con walk

LT = West				Σ	RT = East			
266.0	265.2	264.0	263.4	263.5	263.2	261.1	258.4	
8 ^e	8 ^e	10 ^e	10 ^e	10 ^s	10 ^e	12 ^e	15 ^e	
40	30	16	12	26	30	40		

268.1	266.3	265.3	265.0	264.1	264.3	264.1	263.5	260.2
5 ^e	7 ^e	8 ^e	9 ^e	9 ^e	9 ^e	9 ^e	10 ^s	13 ^e
40	30	28	19	14		28	30	40

268.2	266.9	266.3	266.0	265.1	265.5	265.3	263.4	261.3
5 ^e	7 ^e	7 ^e	8 ^e	8 ^e	8 ^s	8 ^e	10 ^e	12 ^e
40	30	28	19	15		25	30	40

269.25	268.07	267.25	266.2	266.5	266.1	264.9	263.0
4 ^e	5 ^e	6 ^e	7 ^e	7 ^e	7 ^e	9 ^e	11 ^e
40	30	24 ^e	14		25	30	40
drive	drive	drive					

270.0	269.4	268.7	267.6	267.7	267.9	267.9	266.6	265.6
4 ^e	4 ^e	5 ^e	6 ^e	6 ^e	6 ^e	6 ^e	7 ^e	8 ^e
40	30	23	14	3	14	25	30	40

270.13	269.82	268.90
3 ^e	4 ^e	5 ^e
39	29	23 ^e
drive	drive	drive

270.35	270.20
3 ^e	3 ^e
40	29 ^e
walk	walk

274.01

BM starting 943 240⁸⁵
 TP₅ 065 250²⁸ 12⁷⁷ 249⁶³
 TP₄ 004 262⁴⁰ 13¹⁶ 262³⁶
 TP₃ 11⁴⁸ 275⁵³ 9⁹⁴ 264⁰⁷

✓ 240⁸⁵ NE Prop Mon
Brevity
Roswell
 ✓ NE Prop Mon
Brevity
Roswell

4420⁸¹ SE prop cor

4402⁹⁹ E South Prop Roswell

3485¹³ SW prop cor

3450

Lt = West

8

Rt = East

21

263.9 262.9 262.9
10^L 11^L 11^L
30 30

263.7 262.8 262.9
10^E 11^E 11^L
30 30

264.4 264.0 263.0 263.0 262.4 261.0 258.2
9^E 10^E 11^E 11^E 11^E 13^E 15^E
40 30 16 26 30 40

265.4 264.7 263.0 263.0 262.9 262.2 260.6
8^E 9^E 11^E 11^E 11^L 11^E 13^L
40 30 14 26 30 40

274⁰¹

INDEXED

JUL 25 1951

See p. 34 also

See P. 23 for Cont

40' 40'

E Tecolote Rd.

Station for New Sections 1-53

90°

60'

Fd. pipe 1-53

Welling for 54

30' 30'

See page 34

2+90.1 = Hub.

1+36.1 = Hub.

64°

9213.0

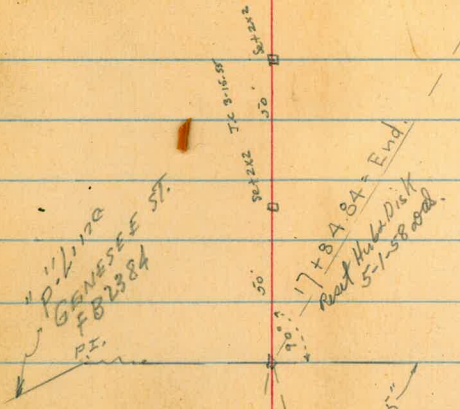
To Mon. at Cor. PL. Lot 1205

Linda Vista Rd.

4x80 Cross covered.

4 of 20 Pavement Conc.

25' 25'



Prop. 80 st. ?

2" pipe - Marked - Cor. Arm.
Fd. - 1-53.
used for line

15+00 = POT Hub

40' - 1" pipe
 4.5 2675
 9-12-68
 40' - 1" pipe - nail = 108878
 JC 8-15-58
 H.S. - 1-58
 200
 set in - 1000 Fd 5-1-58 road
 (Now 2x2. Smith)

8+15.18 = POT Hub

Cont. on P. 22 →

10+8473
 27
 70+57.73

Lt.

±

Rt.

25

4+70 = end.

59.4
5059.5
40

60.1

60.8
4061.0
50

4+20

60.0
40

60.1

60.5
40

3+70

59.1
40

60.0

60.2
40

3+20.11 = w.L.

58.4
15058.4
10058.6
6058.9
40

59.4

59.5
4059.8
90

2+90.11 = ± st.

57.9
15058.2
10058.5
6058.7
4059.35
on Hub.59.0
4059.2
90

L+60.11 = E.L. of Prop. Co' st. to South

58.1
15058.3
10058.3
6058.4
40

58.7

59.1
4059.8
90

2+00

59.1
5059.1
40

58.7

59.1
4059.3
5060.4
10061.4
150

2+00 cont.

62.6
20063.6
220

Additional Notes - Storm drain
N.Ely. from Mission Blvd + Turquoise

Gommexmeyer
Begg
R. Sisson
C. Ford

8-13-51
W.O.#

original sketch in $\frac{FB\ 1764}{15-17}$

Notes reduced 8-20-51 HR

INDEXED

AUG 16 1951

$= \Delta\ 89^{\circ}-19' RT.$
 $= 13+31.57 Ahead$
 $13+62.90 Back$

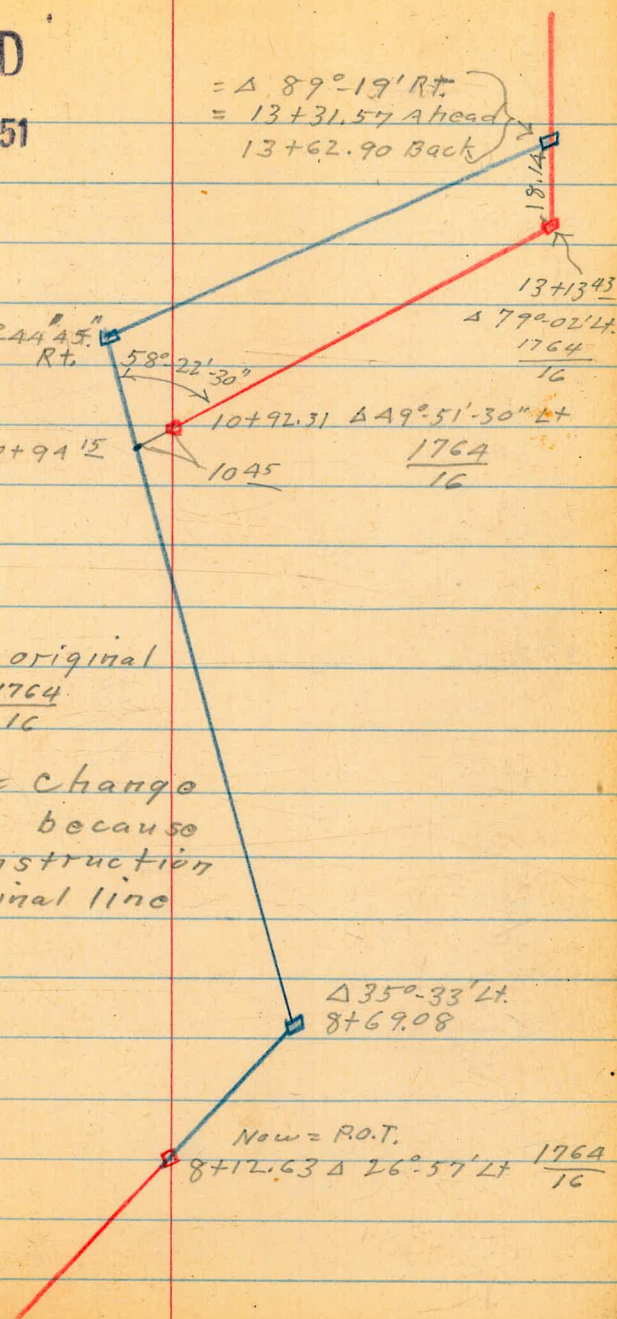
$11+58.00 = \Delta\ 68^{\circ}-44'45'' RT.$
 $10+91.15$
 $10+92.31 \Delta\ 49^{\circ}-51'-30'' Lt$
 1045
 $13+13.93$
 $\Delta\ 79^{\circ}-02' Lt.$
 1764
 $\frac{1764}{16}$
 $\frac{1764}{16}$

Red line = original
line as in $\frac{1764}{16}$

Blue line = Change
to new line because
of new construction
over original line

$\Delta\ 35^{\circ}-33' Lt.$
 $8+69.08$

Now = P.O.T.
 $8+12.63 \Delta\ 26^{\circ}-57' Lt$ $\frac{1764}{16}$



(See detail next page)

Note. → (Section Δ 510.43' in N.E. Quad.
along water line
coated water line
4+78² = Intersect 2' outside diam conc.

126.46 126.85 127.19
5.87 5.48 5.14
10 ← Bottom of pipe → 10

4+60

127.8 124.6 124.2 128.7 130.3
4.5 7.7 8.1 3.6 2.0
25 20 8 20

4+00

130.0 122.1 122.8 127.8 127.8 128.0
2.3 10.2 7.5 4.5 4.5 4.3
57 43 26 7 20

3+35

125.0 114.0 123.7 124.0 126.2
7.3 18.3 8.6 8.3 6.1
50 28 11 20

3+18

121.7 115.3 114.3 114.6 122.4 122.4
10.6 17.0 18.0 17.7 7.7 7.9
37 26 13 14 20

2+85

110.3
22.0

2+52

119.9 119.9 110.3 120.4 119.9
12.4 12.4 22.0 11.9 12.4
30 24 10 20

2+51^s 2' Lt. = ϕ 56" conc. pipe (Intake)

110.11
22.22
I. E.
132.33

4.68 132.33

127.65

B.M. = Δ Hub. Sta. 5+95²⁰

FB 17C4
22

orig Sec. + Location o.k. 5+95 to 7+11

T.P. 8.12 139.53 6.43 131.41

T.P. 10.19 137.84 4.68 127.65

5+95 Δ 18° 02' Mt. section on split

5+50

5+25

5+00

4+79

plans
Approx. 1" per 1' batter - see const.

4+78? = ± pipe - Piers 8" x 4' on top.

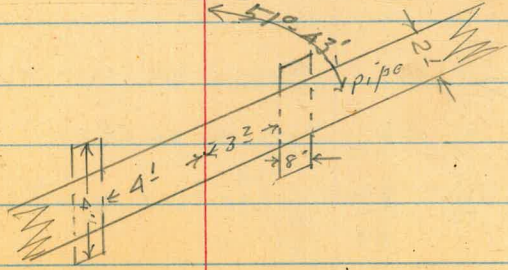
128.5	128.0	126.9	128.3
3.8	4.3	5.4	4.0
10		5	20

126.8
5.5

127.0	126.1	126.5	131.3
5.3	5.9	5.8	1.0
30		17	45

126.2
6.1

126.9	125.9	126.2	130.3	131.0
5.4	6.4	6.1	2.0	1.3
20	5	132.33	10	20



as in 176A-P2C

7+51 to (old New-P.O.T.) 8+12⁶³ remains

7+50 = 5' Lt. = 6" diam pine

7+49 = 19' Rt. = B.C. Conc. wall

7+48 = 8' Lt. = 4" diam. pine

7+52 4² Rt. = cnd fire place

7+48 1⁵ Rt. = start conc. block Fire place

7+41 = leave conc. walk at Nly. corner

7+33⁵ leave lath house & start Conc. walk

7+22 = enter lath house

7+19 = Cross 3⁵ high prop. line picket fence.

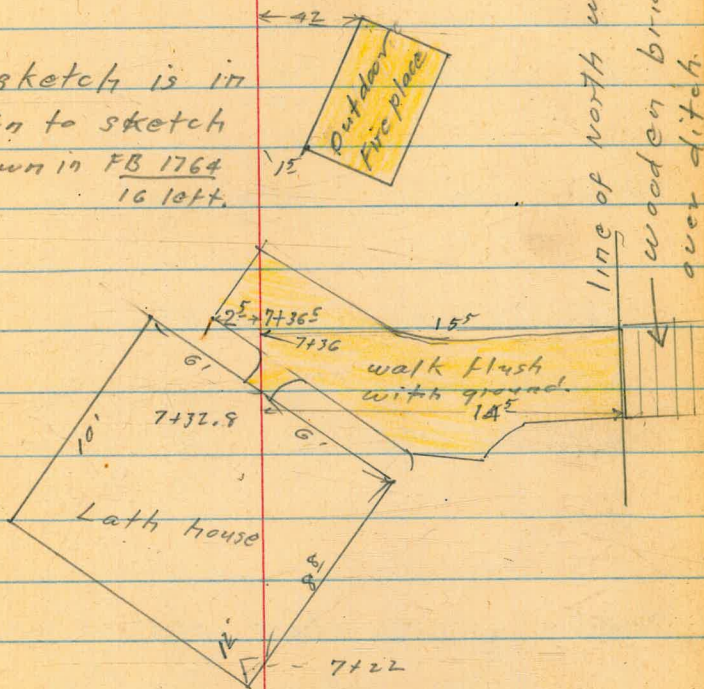
T.W. = top of wall

7+11. 11⁵ Rt. = start ^{8"} Conc. wall

133.0	133.9	135.5	130.5
5.9	5.6	4.0	9.0
	19	19	20
	End	T.W.	

as shown in
Red in 1769
16
Left.

This sketch is in addition to sketch as shown in FB 1764 16 left.



134.5	133.7	133.8	135.5	129.5	129.4	131.4	134.4
5.0	5.8	5.7	4.0	10.0	10.1	8.1	5.1
15		115	115	12	115	1.8	25
		End	T.W.			T.W.	

139.53

8+100 = intersect top of Wly. wall.

148.6	140.8	137.6	137.8	139.9	145.1	145.3
0.0	7.8	10.8	10.8	8.7	3.5	3.3
15	T.W.	0.5	2	3	13	20
	+ Grd.	B.W.	B.W.	T.W.		

8+98 = intersect bottom of Wly. wall

137.6
11.0
B.W. + Grd

8+80 = intersect bottom of Ely. wall

136.6
12.0
B.W. + Grd

8+76 = Intersect top of Ely. wall

139.1
9.5
T.W. + Grd.

8+69.05 = Δ. 35°-33' Lt. (on split of Δ)

148.1	139.3	136.3	136.3	139.3	140.61	144.4	144.6
0.5	9.3	12.3	12.3	9.3	7.98	4.4	4.0
30	9	7	4	3	44.6	6	15
	T.W.	B.W.	B.W.	T.W.			

8+60 Lt. = start rubble wall

139.3	135.6	135.6	138.2	139.1	143.5	143.9
9.3	13.0	13.0	10.4	9.5	5.1	4.7
8	6	4	2		8	15
T.W.	B.W.	B.W.	T.W.			

Note { B.W. = bottom of wall - also ground Elee.
T.W. Top of wall - also ground Elee.

8+40 8 Lt. = start rubble wall

147.4	137.5	135.3	135.5	136.6	141.6	142.1
1.2	11.1	13.3	13.1	10.0	7.0	6.5
30	10	8	6		5	15
	T.W.	B.W.				

T.P. 10.79 148.59 1.73 137.80

148.59

10+25

-10+15

10+00

Temp. B.M. 7.93 161.58 3.69 153.65 153.62

T.R. 12.56 157.34 3.81 144.78

9+24 = end Ely wall

9+59 14'H. = end Wly wall

9+37 = intersect top of Ely wall.

9+33 = intersect bottom of Ely wall.

9+25 intersect bottom of Wly wall.

152.3	152.5	145.1	144.6	148.3	153.1	153.4
9.3	9.1	16.5	17.0	13.3	8.5	8.2
35	20	7		10	12	20

151.8	151.8	144.5	145.0	148.4	150.7
9.8	9.8	17.1	16.6	13.2	10.9
35	28	16	8		20

144.4	144.1	146.6	149.5
17.2	17.5	15.0	12.1
35	20		20

161.58old A 10+92.31 $\frac{FB1764}{29}$

150.2	150.2	145.2	141.9	141.7	141.3	146.0	146.7	147.0
4.6	4.6	3.4	6.7	6.9	4.3	2.6	1.9	1.6
30	22	14	13	B.W	9		5	20
		T.W	B.W	10	T.W			

149.6	149.6	143.6	140.9	140.9	143.7	146.1	146.3
4.0	4.0	5.0	7.7	7.7	4.9	2.5	2.3
20	10	4	3	1	T.W	7	15
		T.W	B.W	B.W			

140.6
8.0
B.W + 0.1

147.6	143.0	141.6	139.7	142.6	145.4	145.6
1.0	5.5	9.0	8.9	6.0	3.2	3.0
10	1	B.W +	15	2	9	20
	T.W	0.1	B.W	T.W		

148.59

12+03 = Cross 4" sewer lateral.

11+85

Right side drops behind 11+53

11+58⁰⁰ = Δ 68°-44'-45" Rt. Section on split.

11+53

11+40

11+35 14' Rt. = N.W.ly. Cor Frame Gar.

11+17

11+15 20⁵ Rt. = S.W.ly. Cor Frame Gar.

10+75

±

153.1

8.5

APPOX. I.E.

159.0	158.1	155.3	153.0	152.8	155.7	155.8
2.6	3.5	6.3	8.6	8.8	5.9	5.8
20	8		6	12	16	20

157.6	157.20	157.2	152.5	151.8	155.5	155.5
4.0	4.98	4.4	9.1	7.8	6.1	6.1
20	44.6	5	13	19	25	28

157.2	158.0	152.3	152.5	155.4	155.6
4.4	3.6	7.3	9.1	6.2	6.0
20		12	21	29	35

157.1	157.1	150.7	151.4	155.8	155.8
4.5	4.5	10.9	10.2	5.8	5.8
30	20		10	15	20

155.6	155.0	148.8	148.6	149.5	155.6
6.0	6.6	12.8	13.0	12.1	6.0
40	30	16		10	18

155.6	155.0	146.6	148.7	151.6	155.6	155.6
6.0	6.6	13.0	12.9	10.0	6.0	6.0
40	30	16		2	18	25

153.6	153.1	148.5	146.2	151.3	154.3	154.6
8.0	8.5	13.1	15.4	10.3	7.3	7.0
35	25	15		6	19	30

161.58

Check B.M. 0.89 168.45 168.98

S.W. 7' Mon. Cass & Van Nuy's $\frac{1764}{36}$

T.P. 7.62 169.34 4.08 161.72
 8' Rt = end rubble wall
 13+72 7 At = near side pole # 5324

Taken on split
 = 13+31.57 Ahead } = Δ 89°-19' Lt.
 13+62.90 Back }

13+55 At = B.C. rubble wall - 14' Rad.

13+25

13+07 11' Rt = start low rubble wall

13+00

12+60

T.P. 4.96 165.80 0.74 160.84

12+40

159.6 158.54 158.8 161.1 159.3 165.8
 6.2 7.04 7.0 4.7 6.5 0.0
 10 4+6 3 4 7 18
 B.W. T.W.

159.6 158.8 159.1 161.0 163.8
 6.2 7.0 6.7 4.8 2.0
 20 8 20
 B.W. T.W.

162.4 160.3 158.2 159.1 160.8 162.8
 3.4 5.5 7.6 6.7 5.0 3.0
 20 4 9 B.W. 10 18
 T.W.

162.1 161.6 157.8 158.3 160.8 161.2
 3.7 4.2 8.0 7.5 5.0 4.6
 20 3 10 12 20

161.8 161.5 158.9 156.0 158.7 160.6 160.6
 4.0 4.3 6.9 7.8 7.1 5.2 5.2
 20 9 165.80 6 10 19 25

160.6 160.8 159.9 157.5 155.2 155.5 156.7
 1.0 0.8 1.7 4.1 6.4 6.1 4.9
 25 12 6 9 9 20

161.58

Elevation on Sewer M.H.
in Wellington St. Linda Vista

Mulker
Pope
Huffman
10-15-51

NO 20847

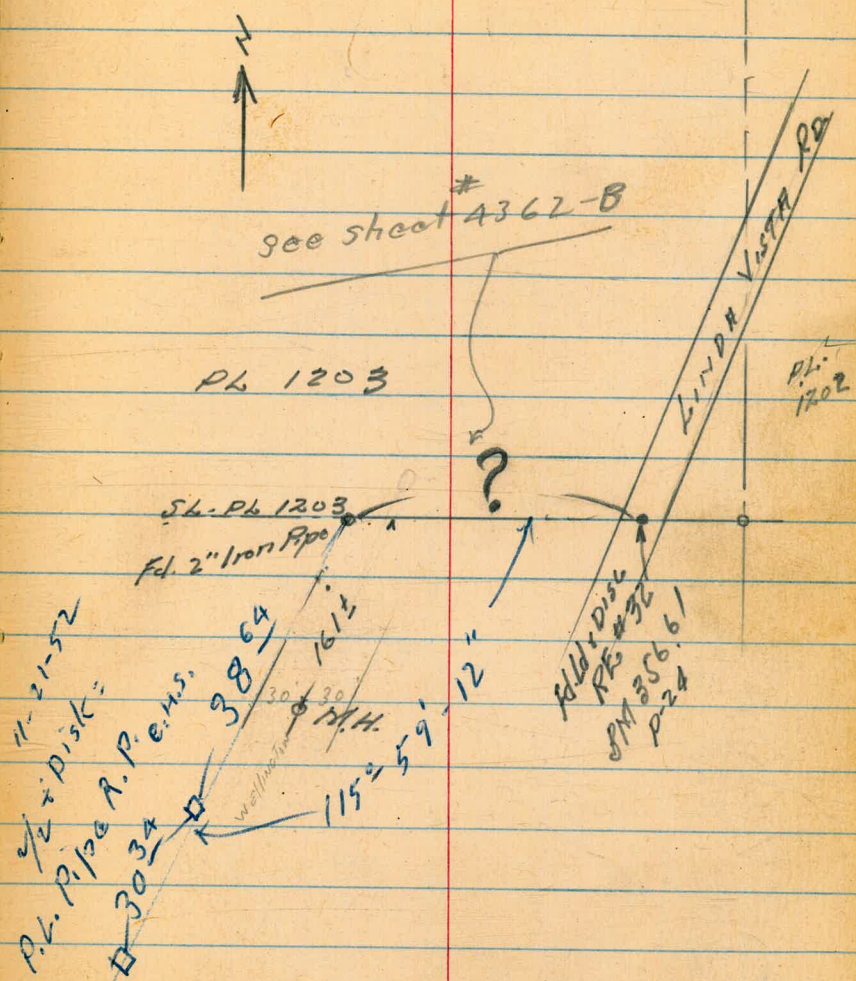
INDEXED
Law
OCT 16 1951

on Invert
on Rim M.H.

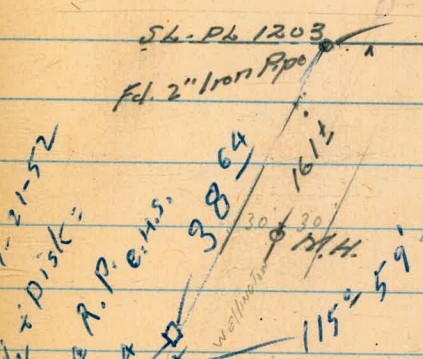
338.30

10 12
348.42

356.61



11-21-52
1/2" Pipe
P.V. Pipe R.P. e.m.s.
3032



B.M. Ld & Disc. Linda Vista Rd.
on S.L. P.L. 1203 P. 24

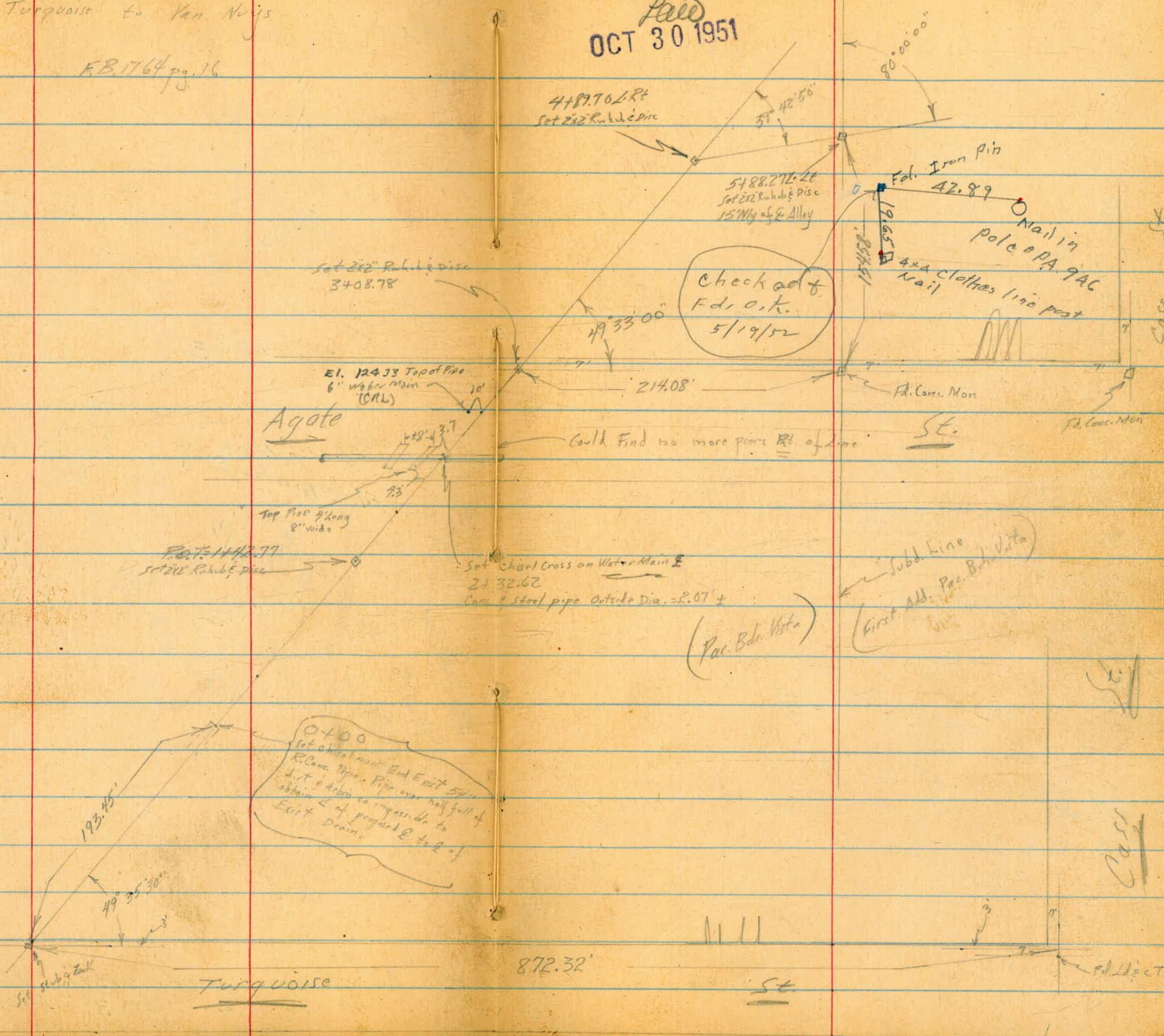
Robert
Cota
Moore
Pollen
October 28, 1951
W.O. 30504

Prelim. Survey Strom Drain

Turquoise to Van Nuys

FB 1764 pg. 16

INDEXED
OCT 30 1951



T.P. 12.89 134.99[↓] 1.52 122.10[↓]

0+80

122.9

0.7

0+70

116.4

7.2

0+58

119.2

9.4

0+50

113.3

10.3

0+00 End existing 54" Storm Drain

110.31

13.31
Invert

TP 12.89 123.62[↓] 0.08 110.73[↓]

123.62[↓]

BM 12.27 110.81[↓] 98.54 NWBP

Mission Blvd. & Sapphire

Contd From Page 37

2+32.62

Top Water Main (O.D.=2.07)

2+25

2+20

2+00

1+50

1+10

State Ave. Fill

1+00

13499A

26

129.26

5.73

126.6

8.4

128.9

6.1

128.7

6.3

128.5

6.5

126.0

9.0

129.2

10.8

13499A ✓

38

Cont'd From Page 58

Lt

R

Rt

39

- 4+16 5' Lt to center 12" Pepper Tree
4+10
4+06² 10' Lt to SE Cor. House
4+00⁵ Edge Conc. Arch
3+96⁶ 11² Rt to NW Cor. House
3+92 8' Lt to E Conc. Arch
3+66 6' Rt to center 1" Avocado
3+70 3" Tree on E
3+55 6' Rt to center 3" Pepper Tree
3+53 3' Lt to 3" Apricot Tree
3+50
3+49 1" Tree on E
3+43.7 Hit Corner wood Fence
3+00
2+50

13499A

13499A ✓

128.9
6.1
122.2
2.8
7.9
6.1
128.9
128.9
6.1
126.7
8.3
126.4
8.6

5735

center Wash

132.7
14.9

5734 10^E Lt to SE Cor Shed (Near Cor.)

122.3

5726

15.3

5722

12.1

5721 10^E Rt to NE Cor. Shed

5703^E 6^E Rt to NW Cor. Shed

136.33

136.8

4489.70 L. Rt

112.8

10.8

4482 Q Hide Picket Fence

10
on
split

4480 6' Lt to center P. Pole # PA920

4475 15' Rt to NW Cor. Bath House

4439 6' Lt. to Clothes Line Pole

T.P. 12.85 147.61^h 0.23 134.76^h

147.61^h

4420

133.9

1.6

134.99^h

134.99^h

Cont'd From Page 40

Lt

Q

R7 #1

T.P. 12.53 159.68 X 0.48 147.73 ✓

6+47^e 12^t Lt to S.E. Cor House

6+27

6+08 Center Wash

5+96

5+88.27 L. Lt

5+73

5+61^B 113^R to Center MA

5+55

14761 X

14761 X ✓

197.2

0.4

135.5

121

141.6

6.0

142.3

5.3

142.0

5.6

136.0

11.6

8+37³ 35R4 to SW Cor House

8+00

7+52

7+44

7+24

7+20

6+50

159.68A

154.8

4.9

151.4

8.3

150.8

8.9

146.8

12.9

146.2

13.5

148.6

11.1

147.9

11.8

159.68A ✓

Cont'd From Page 42

44

Rt

43

10+60.73 L.Rt

10+00

9+66

T.P. 1220 171.38 \checkmark 0.50 159.18 \checkmark

9+66 95' Rt to SW Cor. House

9+43

9+00

8+66

159.68 \checkmark

164.5

6.9

160.9

10.5

160.3

11.1

171.38 \checkmark

158.1

1.6

156.0

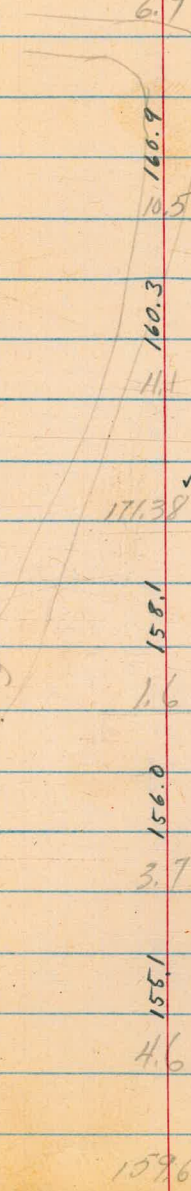
3.7

155.1

4.6

159.68 \checkmark

Small Natural water way



13+50

1685
2.9

13+00

166.7
4.7

12+50

165.1
6.3

12+00

164.3
7.1

11+50

164.4
7.0

11+00

169.5
6.9

10+69.5



38.5 Lt. to End Culvert
12 Rt. to End 30" Corrugated Culvert
& Crosses Culvert

171.38

163.02
8.36
38.5
Invert



163.4

8.0

171.38

160.68
10.70
1.3
Invert

15450

173.3

75

15428

171.3

9.5

15400

170.4

10.4

10.8
10
Top
Back

14477^E 8° Rt to Center Fire Hydrant

169.6

14450

11.2

12.31 180.79 \downarrow π

168.48

180.79 \downarrow π

T.P.

2.73 168.45 \downarrow = 168.48

SW 7' Man Van Nuis & Cass See FB 17/64 pg 36

169.5

14400

1.9

171.38 π

171.38 \downarrow π

Cont'd From Page 45

Lt

Rt

Rt

46

17+50

2.2' Lt to SE Cor. 2' conc. Slab back of Bldg

181.7

180.5

179.6

96
22
conc.

10.8

117

18

TOP

BANK

T.P.

11.37 191.32 π 0.84 179.95

191.32 π

17+44

13' Lt to SE Cor. Bldg.

178.6

178.5

17+00

2.2

2.3

12

TOP

BANK

16+67

4.3' Rt to Center T. Pole # 420682H

176.3

176.0

16+50

L. Lt

4.5

4.8

4

TOP

BANK

16+24

176.2

4.6

16+00

175.0

5.8

175.0

5.8

3

T.P.

BANK

180.79 π

180.79 π

Cont'd From Page 46

H

S

R7

47

check

10.43

168.47 = 168.48

T.P.

0.31

178.90

1273

178.59

19400

Into Canyon Floor

186.0

5.3

Reduced By CRH
10-30-61

18750

185.4

5.9

18717

182.6

8.7

T.P.
Bank

18400

178.5

12.4

17778

180.4

10.9

T.P.
Bank

19132 X

19132 X

Re-X-Section Salma Place from 6+50 to
 50' S. of End. - See P. 12 for orig. Notes
 # 5696 - 11-6-51 7.0.
 W.O. 31502

7+85 - Beg. High Fill on Rt.

Lt.					Rt.
39.1	38.2	37.1	35.1	34.6	27.4
50	30		30	38	50

7+78.5' = S.Ly of Circle

39.3	38.6	36.4	34.7	33.7	33.3	27.8
50	30		18	30	40	50
						pat. ground

7+48.5' = P.C. Prop. Curve + Lot Line

40.26	40.06	39.5	38.7	37.6	36.4	35.2	35.44	35.50
27.6	22.6	18	17		10	18	23.7	28.7
	walk end.							walk (Busted)

7+42 - 17.9 Rt = end cb.

35.88
 17.9 = Top end.

7+38 - 16.8 Lt = end cb.

40.24
 16.8 = Top

7+00 = on 10' Conc. Dr. on Rt.

41.55	40.6	39.9	39.0	38.04	38.41
Top	16.9		10	17.9	23.4
	cut			cut in Drive	walk

6+50

43.40	42.4	42.2	41.9	41.3	40.6	40.73
Top	17.4	10		10	17.8	Top
	cut				cut	

B.M. = Cross on E. 7' Line 4' N. 10' Lot Line

240.17

Actual Elev. shown - 200 Not Shown.

Lt.

±

Rt.

8+60 = Top of Bank - New fill - on ±

360

8+28.5

38.7	37.9	36.7	34.7	34.6	29.1
50	30		30	32	42
				Top	Toe

Beq. Levels along Φ of Prop. Drain
4' N. of N.L. Lot 51 - See Sketch - P. 48

B.M. on old Hub. 223.84
1+90 = Top of steep Slope - 150' \pm to Bottom

1+70 = Top

1+50

1+00

0+60 - Head of Wash on It.

0+20

0+00 = w.L. Selma

B.M. = Cross - P. 49 240.17

Lt. # Rt.

INDEXED
Nov
NOV 7 1951

18.2

22.8
10

24.3

25.1
10

19.1
45
Top of
Hill

25.9

26.5
10

25.6
10

26.6

28.2
10

19.4
20
in wash

24.8
10

27.1

29.1
10

Head of
wash

30.4
10

31.6

32.2
10

34.9
10

35.6

36.1

0-01.4 = edge
of walk

35.6
walk

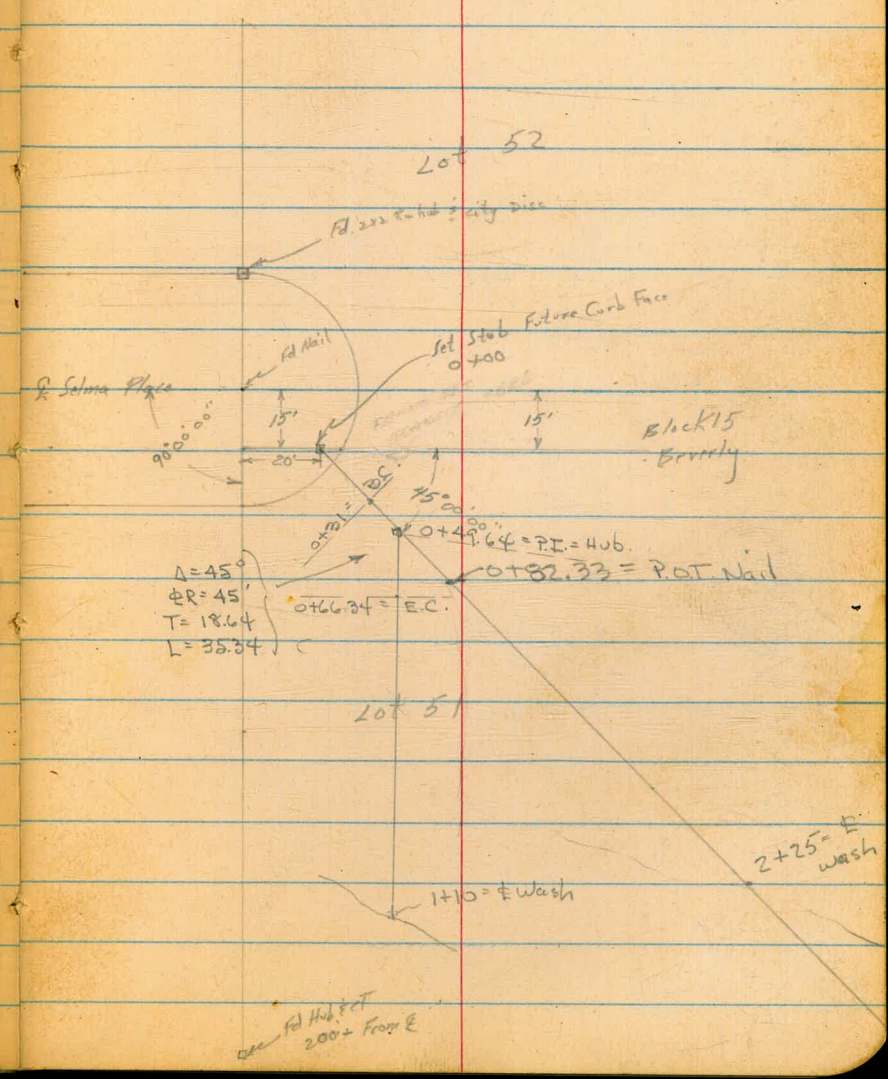
Roberts
Moore
Fullen
11-28-51
No. 31502

Survey for Storm Drain Dead End
of Selma Place (Berkeley)
Lot 51 - Block 15
See Page 48

Add Notes - 2-28-52 - 7.0

INDEXED
NOV 29 1951

(used split of curbs)



82.33
75.28
177.61
+7.39
225.00

see P.O.T.
200+ from E

1+40

T.P. 0.18 204.87 17.86 204.69

T.P. 0.14 222.55 18.11 222.41

1+10

0+85 Edge of Canyon

0+60

0+50 Top of Fill

0+32 Edge Fill

0+00

BM

0.35 240.52 A

240.17 Chisel Cross

in walk E. 7/2 line Selma 2 1/4 N. lot line See Page 49

0.0

204.87

222.55

211.4

291

222.1

18.4

22.58

14.7

227.3

132

233.5

70

235.3

5.2

240.52 A

215.9

24.6

10

± small wash

228.1

12.4

18

197.7

42.8

36

± wash

217.3

23.2

223.1

17.4

20

edge

227.3

13.2

50

209.7

31.8

wash = 45

215.0

50

Head of wash.

189.2

15.6

30 = ± wash

Lt.

±

Rt.

53
33

2+55 - To show line of wash

2+25 = ± Wash

1+80

171.8	174.6
33.0	30.2
10	
± wash	

179.9	174.8	179.7
24.9	30.0	25.1
10		10

197.4	192.4	181.4
7.4	12.4	23.4
10		19 = ± wash
	204.87	

Add Notes - Profile over New \pm
of Prop. Drain - Beginning at sta 0+31
= B.C. - See sketch - P. 52 -

1+20 = slope of w. bank

1+10 = \pm Wash = end

1+00

0+92

0+80

0+66.34 = E.C.

0+48.67 = Mid. of Curve.

0+31 = E.C.

T.P. 6.31 228.72

222.41 - P. 53

204.6
24.1

203.5
25.2

206.5
22.2

211.7
17.0

218.9
9.8

225.3
54

227.1
1.6

233.6 = Elev.

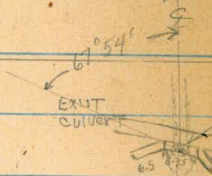
228.72

Clark
Shepherd
Bruner
Perkins

W.O. 2/10/54
10-31-52

X-SECT. CLAYTON, PAC. HWY to
Rwy; EXIST. CULVERT ETC.

60' x 3.8' Semi Circle Conc. Drain →



of San Hillwall = 1491.95

Moore

33' T
FLIT

56

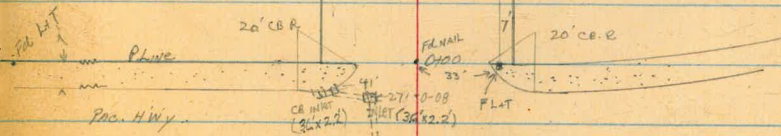
KURTZ

INDEXED
Law
NOV 5 1952

31002.5

5.51347 EY TRAIL - 210263
1163.48 SET OUT = L.T. 57° 34' To S. Culvert
= 0+00 on Line to Culvert

CLAYTON
40' S 40'



X-SECT. CLAYTON ST.
Rwy-Culvert, ETC

0+86 @ 4.5' Conc. walk 9' Lt.

8.80
8.83
walk walk
9.62 9.59
49.5 41

0+70 Beg Hedge 2' High 37' Lt.

0+50 @ ditch 2' Rt

7.0 7.2 7.0 9.5 9.2 5.8 5.9 9.1 7.6 6.9 6.8
Toe Top Top Toe Toe Top Top Toe Top
6.9 6.7 6.4 3.9 4.2 7.6 7.5 4.3 5.8 6.5 6.6
50 40 19 14 6 4 9 19 40 50

0+25 @ ditch 5' Rt

6.7 6.7 6.2 8.3 9.4 6.7 6.5 5.5 7.6 6.3 6.6 6.4
Toe Top Top Toe Toe Top Top Toe Top
6.7 6.7 7.2 5.1 4.6 6 7.9 7.9 5.8 7.1 6.8 7.0
50 40 16 7 4 4 6 10 16 40 50

0+21 End Conc. Slab 43' Lt.

6.45 6.46
Slab Slab
6.97 6.96
62.8 43

0+13 Beg. of ditch 2.5' Rt.

6.51 6.5 6.2 5.9 6.4 6.4
6.91 6.9 7.2 7.5 7.0 7.0
50 40 2.5 40 50

0+06 Beg Conc. Slab 43' Lt

6.48 6.48 6.54 6.53 6.06 6.21 6.33
Slab Slab
6.94 6.84
62.8 43
walk walk
7.45 7.50 7.60 8.41 8.34 7.59 7.36 7.21 7.09
50 40 31 31 31 31 40 50

0+00 Edge of Pavement

5.56 4.97 5.90 5.16 1.73 5.19 5.39 5.60 5.57 6.09 6.47 7.13
Cb. Gut Cb. Gut Flow Cb. Gut Cb. Gut Cb. Gut Cb. Gut
7.86 8.45 7.52 8.26 11.69 8.23 8.03 7.82 7.85 7.33 6.95 6.29
100 100 46 46 41 26 26 46 46 100 100

0-07 Cb. Inlet 41' Lt.

0-08 Inlet 27' Lt.

0-45 East side of Island

6.07 6.21 6.43 6.69 7.28
7.35 7.21 6.99 6.73 6.14
100 40 40 100

BM 7.35 13.42

6.07 = CH □ IN N 1/4
Cb. Pac. Clayton

13.42

1+63.78 @ ditch 12.5 Lt.

9.9	9.9	9.9	12.0	11.8	7.0	7.7	12.7	12.7	11.9	12.8
		Toe	Top	Top	Toe	Toe	Top			
8.5	8.5	8.5	6.4	6.6	11.9	10.7	5.7	5.7	6.5	5.6
50	40	34	31	24	15	10	3		40	50

1+53 End of ditch digger 8' Rt.

1+52 Power Pole 28.2 Rt. #3725

1+43 @ ditch 3.5 Lt.

9.3	9.3	10.2	11.7	11.8	6.5	7.2	11.4	12.6	12.1
		Toe	Top	Top	Toe	Toe	Top		
9.1	9.1	8.2	6.7	6.6	11.9	11.2	7.0	5.8	6.0
50	40	20	17	10	5	2		40	50

1+30 @ ditch 2' Lt.

9.3	9.3	9.6	11.7	12.1	6.3	6.7	11.2	12.4	12.9
		Toe	Top	Top	Toe	Toe	Top		
9.1	9.1	8.8	6.7	6.3	12.1	11.7	7.2	6.0	6.0
50	40	22	19	10	4		5	40	50

1+10 Bsq. partly dismantled ditch digger 10' Rt.

18.44
T

T.P. 5.71 18.44 0.69 12.73 28.2" R/w hub @ at 1+63.78

End Hedge 37' Lt.

1+00 @ ditch 1' Rt.

8.6	8.9	8.7	10.7	10.8	7.5	6.0	6.7	10.3	9.2	9.1
		Toe	Top	Top	Toe	Toe	Top	Top		
4.8	4.5	4.7	2.7	2.6	5.9	7.4	6.7	3.1	4.2	4.3
50	40	20	14	8	2		4	10	40	50

13.42
T

1+00 @ ditch 5' Rt.

0+60 @ ditch 7' Rt.

0+35 @ ditch 2.5 Rt.

0+06 @ ditch 10' Lt.

@ ditch 16.5 Lt.

0+00 = 1+63.48 on @ Clayton L 57°39' Lt.

Further Cross Section Notes on Drainage Ditch

2+24.50 Westerly track of RR 40' Lt.

@ ditch 41.5 Lt.

1+99.48 Westerly track of RR at R

1+70.83 @ ditch 14.5 Lt.
Westerly track of RR 40' Rt.

10.4	10.4	13.0	13.0	11.3	8.5	8.4	2	14.2
Toe	Top	Top	Top	Toe	Toe	Top		14.2
8.0	8.0	5.4	5.4	7.1	9.9	10.0	9.2	9.2
20	16	12	3		2	8	13	17

10.1	10.4	12.9	13.0	7.8	7.9	13.6	13.6
Toe	Top	Top	Top	Toe	Toe	Top	
8.3	8.0	5.5	5.4	10.6	10.5	9.8	9.8
20	14	9		4	10	13	20

10.3	11.3	12.7	12.9	7.1	6.9	13.2	13.2
Toe	Top	Top	Top	Toe	Toe	Top	
8.1	8.1	5.7	5.5	11.0	11.5	5.2	5.2
25	19	15	8		7	11	20

10.0	10.0	12.4	12.0	6.5	6.5	12.7	12.7
Toe	Top	Top	Top	Toe	Toe	Top	
8.4	8.4	6.0	6.4	10.9	10.9	5.7	5.7
40	32	27	19	15	5		10

10.1	11.4	11.9	6.9	7.1	12.1	12.7	12.7
Toe	Top	Top	Toe	Toe	Top		
8.3	6.5	6.5	11.5	11.3	6.3	5.7	
40	35	25	19	14	7		

19.44
/

13.8	15.58	13.6	14.9	16.6	15.4
Rail	Rail				
4.6	2.86	4.8	3.5	2.8	3.0
50	40	16		40	50

7.2	7.3	13.2	13.2	14.58	13.4	13.3	14.4
Toe	Toe	Top	Top	Rail			
11.2	11.1	5.2	5.2	9.86	5.0	5.1	4.0
43	40	29	9		17	40	50

9.7	9.9	11.6	11.6	7.0	7.9	12.9	12.6	12.2	13.57	12.1
Toe	Top	Top	Top	Toe	Toe	Top			Rail	
8.7	8.5	6.6	6.8	11.4	10.5	5.5	5.8	6.2	4.87	6.2
50	40	36	27	17	12	6		32	40	50

18.44
/

T.P.

12.37 6.07 Ch. Sq. N. Ely.

Return Pacific + Clayton

1+91.95 Headwall Culvert

1+80 & ditch 7' Lt.

1+75 & ditch 7' Lt.

1+50 & ditch 3' Lt.

2.62 9.6

Flow Ground
10.32 8.8
0.0

9.9	11.3	11.1	11.2	9.5	11.8	15.6
8.5	8.1	13.2	8.7	8.7	3.6	2.8
4.5	3.7	3.7	1.7	7	7	7

10.6	10.9	14.1	13.9	10.5	15.2	15.2
7.8	7.5	4.3	9.5	7.9	3.2	3.2
4.0	3.2	2.3	1.3	7	7	7

10.4	10.9	14.5	15.0	8.4	8.6	10.6	14.9	15.2
8.0	7.5	3.9	3.4	10.0	9.7	7.6	3.5	3.2
3.5	2.7	2.1	1.3	5	1	7	3	10

18.44
7

W.O. 20847

X-Section of E Tecolote Rd for

Contractor - 1-13-53 - 7.0

See Sketch - P. 22 - Plan - 9174-L

Wellington
check spike in S.W. Pole

360.49 - marked
360.48

2+50

58.9 59.2 59.1 59.7 60.3 60.3 59.2
50 40 20 20 40 50

2+00

59.2 59.8 59.8 60.4 60.5
40 20 20 40

1+50

59.6 59.8 60.0 60.3 60.7
20 20 40

1+00

60.8 60.8 60.7 60.9 61.6
40 20 20 40

0+50

62.6 62.9 62.9 63.2 63.1
40 20 20 40

0+14 = edge of A.C.

65.04 65.25 65.40
40 40

0+00 = Linda Vista Rd.

→ Linda Vista Rd.

Set. B.M. = spike in S.W. Pole - Tecolote 363.98

65.37 65.52 65.64
40

B.M. = Disk - PL. Line

356.61

300' El. Not
shown

See P. 24

Actual Elev. Shown.

Lt.

±

Rt.

61

INDEXED
FEB 19 1953

5+
5+50

63.06

7+50

7+00

6+50

6+40.5 = Sewer M.H

363.06 = Rim

6+00

5+50

5+00

4+50

4+00

3+40

2+90 = on Sewer M.H.

Lt.

±

Rt.

62

63.3 63.9 64.1 63.8 64.1
40 20 20 40

63.3 63.6 64.1 63.7 63.9
40 20 20 40

63.2 63.2 63.6 63.7 63.9
40 20 20 40

63.0 62.9 63.4 63.0 63.3
40 20 20 40

61.0 61.0 61.4 61.3 61.3 61.8
40 20 20 40 60

59.6 60.6 60.9 61.4 61.0 61.3 61.3
40 30 20 20 40 60

59.1 60.6 60.9 61.1 60.8 60.8
42 34 20 20 40

59.7 60.2 60.7 61.2 60.8 60.6
45 40 20 20 40

59.1 59.8 60.2 60.8 60.8 60.7
50 40 20 20 40

59.6 59.6 59.6 60.02 60.9 61.0
60 40 20 20 40

Lt. #

Rt.

12+50

61.2 61.5 61.7
40 40

12+00

61.5 61.9 62.0
40 40

11+50

61.8 62.3 62.4
40 40

10+84.73 = end

62.8 62.3 62.5 62.9 63.0 62.9
40 32 20 40 20 40

10+40

62.4 62.7 63.3 63.4 63.6
40 20 20 40

10+00

62.6 62.9 63.9 63.3 63.4
40 20 20 40

9+90.5 = on Sewer M.H.

63.91 = Rim

9+50

63.3 63.6 64.0 63.3 63.3
40 20 20 40

9+00

63.4 63.6 63.9 63.7 63.8
40 20 20 40

8+50

63.6 63.7 64.2 63.6 63.9
40 20 20 40

8+00

63.3 63.9 64.0 63.8 64.1
40 20 20 40

Lt.

←

Rt.

64

16+50 = end.

58.3
5058.5
40

59.4

58.2
40

16+00

60.9
4560.4
4059.0
38

59.1

59.9
40

15+50

59.9
40

59.8

60.3
40

15+00

60.1
40

60.3

60.3
40

14+50

60.6
40

60.4

60.8
40

14+00

65.3
5061.0
4060.5
30

60.7

61.0
40

13+50

65.9
5062.6
4061.0
3860.8
30

61.1

61.2
40

13+00

61.1
40

61.5

61.6
40

Survey Wellington & Levant

7-18-55

C.H.S. III

Begg

Schelin Hd. chain

Flora new chain

V.O.#27681

Map. 3253 sheet #5

" 2026

" 2040

- ⊙ = Fd. 2" pipe + City disk
- = Fd. City Mon. + c.t. (Granito Mon)
- = Fd. 2" pipe + disk private survey
- X = Fd cross in conc.
- = set P.K. Nail + City disk
- = set P.K. Nail.
- ✕✕ = cut crosses in M.H. rim.

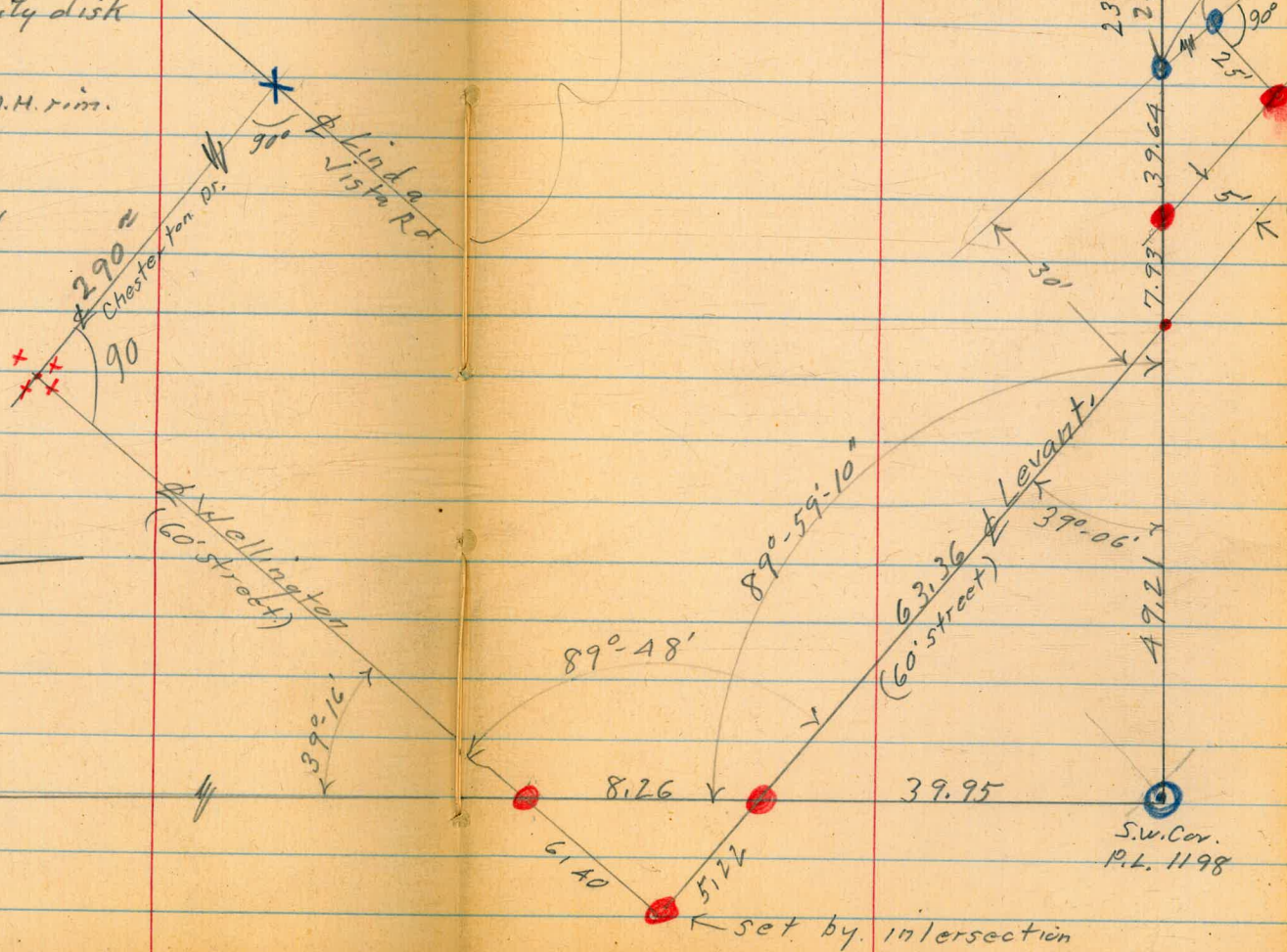
All angles turned
All distances chained



N.W. Cor.
P.L. 1198

INDEXED
MER
JUL 21 1955

65



S.W. Cor.
P.L. 1198

40.52
22.41

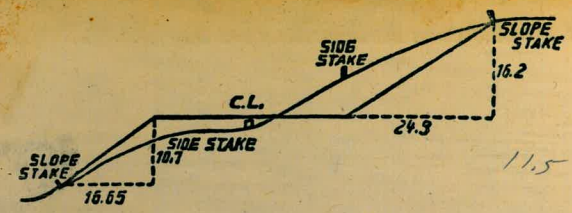
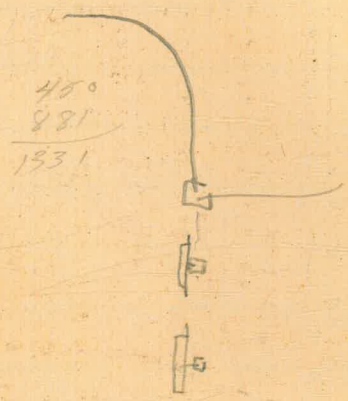
18.11

40.52
22.52

18.00

5.05
 13.17
 22.22
 232.62
 16.02
 216.6

74 90
 17 35
 15
 3235



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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