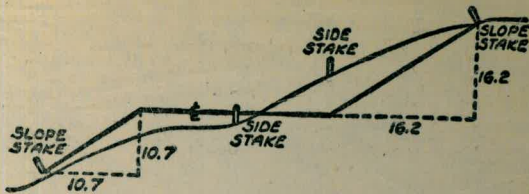


855

Please Return to
City of San Diego Water Dept.
Room 903 Civic Center



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 out or fill at side stake is located by the double entry method in left column and top row. The number in body of table in same row and column gives distance from side stake to slope stake. If ground is not level estimate the difference in elevation between the side stake and slope stake, lower target by this amount if cut, elevate if fill. Add this amount to cut or fill and find distance in table. Set up rod at this point, and line of sight should cut target. If it does not make the slight adjustment necessary.

TABLE XIII—CORRECTIONS FOR TANGENTS AND EXTERNALS

These corrections are to be added to the approximate values, found by dividing the tangent, or external, for a 1° curve (Table VIII) by the degree of curve, in order to obtain the true tangents, or externals. Intermediate values may be obtained by interpolation.

FOR TANGENTS ADD

Central Angle	DEGREE OF CURVE													
	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
10°	.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
15°	.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
20°	.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
25°	.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
30°	.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
35°	.11	.22	.34	.47	.58	.69	.79	.89	.99	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	.165	.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	.438	.528	.618	.707	.797	.877	.971	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

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Alice
Work Program
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" " 89 " " Myrtle " " Wilson 3

" " 92 " " " E of 37 4

" " 55 " " " " of 38 5

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67 " " Landis " " " 6

" " 110 " " Thorn " " " 8

" " 122 " " Redwood " " 38 7

" " 139 S " Redwood E of 38 7

" " 126 N " " " " 41 9

" " 123 " " " " " 39 8

" " 138 S " " " " 39 8

" " 136 N " Quince " " Central 10

" " 143 " " Seattle " " 38 7

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" " 6 " " " " " " " " " " " "	32

O St 41 st to 43 rd	33
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King
West
Williams
Kump

33rd St.

Grape-Fir 10 May 53

Pav.

0

Diamond	to Ingraham	Lamont	53
E st 27 th	to 28 th		54
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Dirt Fir

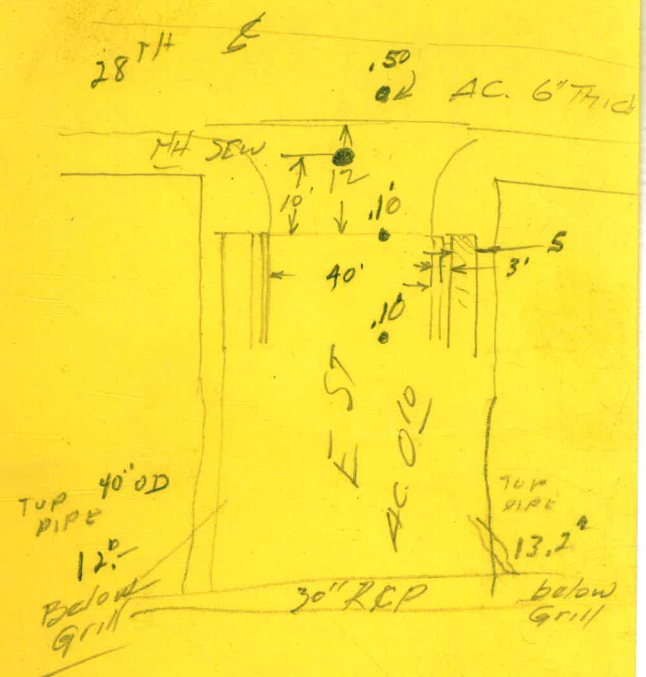
x 3+75 end
"patched" 1" A.C. Pav.
King

33rd St
1" to 2" A.C. Pav.
(broken)

x
0+70 8" A.C. Pav

Prop. LINES

Grape



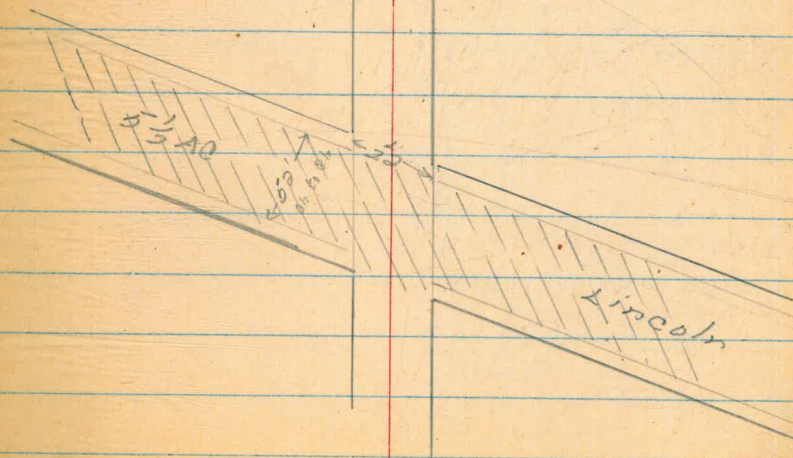
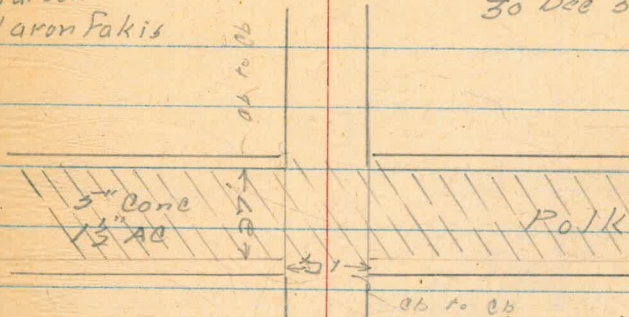
Ely PL 27th
6" Conc PAVT

Alley. BIK 201 N of Lincoln E of

Boundary

West
Martell
Varon Fakis

30 Dec 52

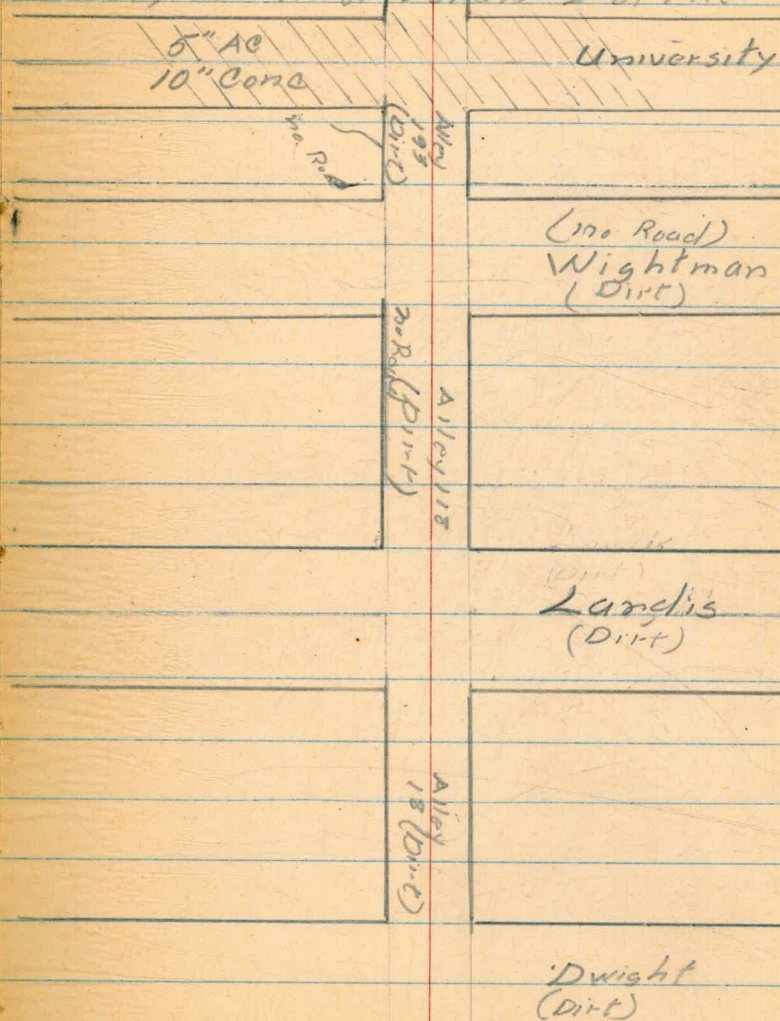


West
Martell
Varonfakis

29 Dec 52

Alley 193 N of Wightman E of Nile
Alley 188 N of Dwight " " "

Alley 18 N of Landis E of Nile



Alley Bk 89 N of Myrtle E of Wilson

West
Martell
Varonakis

29 Dec 52

Dwight
(Dirt)

4" AC

AC to East Line of
Alley

Alley 89
(Dirt)

Myrtle
Dirt

Alley Blk 92 N of Myrtle E of 37th

West
Martell
Varenfakis

29 Dec 52

Dwight
(Dirt)

Alley 92
(No Road)

Myrtle
Dirt

(No Road)

Alley BK 55 N of Myrtle E of 38

West
Martell
Varonakis

29 Dec 52

Dwight
(no road)

Alley 55
no Road

Myrtle
(no Road)

Alley 67 N of Wightman E of 39
" 54 " " Landis " " "

Alley 67 N of Landis
" 54 " " Wightman

east of 39
" " 39

6

University

10" Conc
4" Oil

West
Martell
Varonfakis

Alley 54
(Dirt)

29 Dec 52

6" Conc

80'

Wightman

Alley 67
(Dirt)

Landis
(Dirt)

Alley N 122 N of Redwood E of 38
Alley 139 S of " " " "
143 N of Seattle " " 38

West
Martell
Varonakis

122
Dirt

29 Dec 52

Redwood
(Dirt)

139
(No Road)

Quince
(Dirt)(no Road)

143
(No Road)

Seattle
(No Road)

7

Alley 110 N of Thorn E of 39

" 123 " " Redwood " " "

" 138 S " " " " "

Dirt

West

Martell

Varonfakis

Alley 110
Dirt

29 Dec 52

Thorn
Dirt

Alley 123
Dirt

Redwood
(Dirt)

138
(Dirt)

Quinta
(no Road)

1/2" Broken D.T.
Myrtle 8

Alley BIR 126 N of Redwood E of 41

Thorn
Dirt

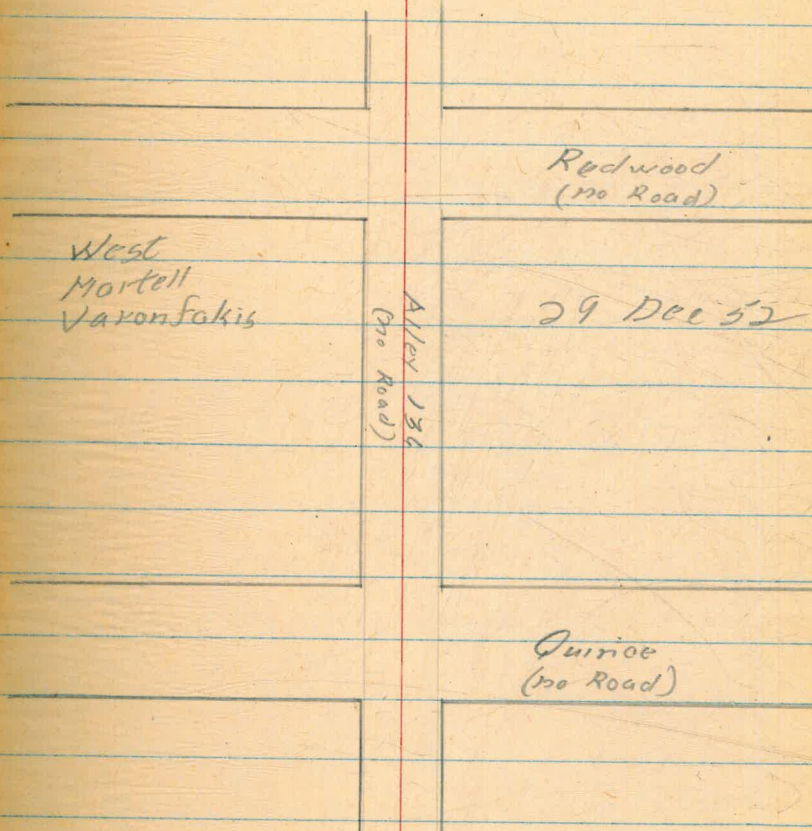
West
Martell
Varonakis

29 Dec 52

Alley 126
(Dirt)

Redwood
(no Road)

Alley BIK 136 N of Quince E of Central



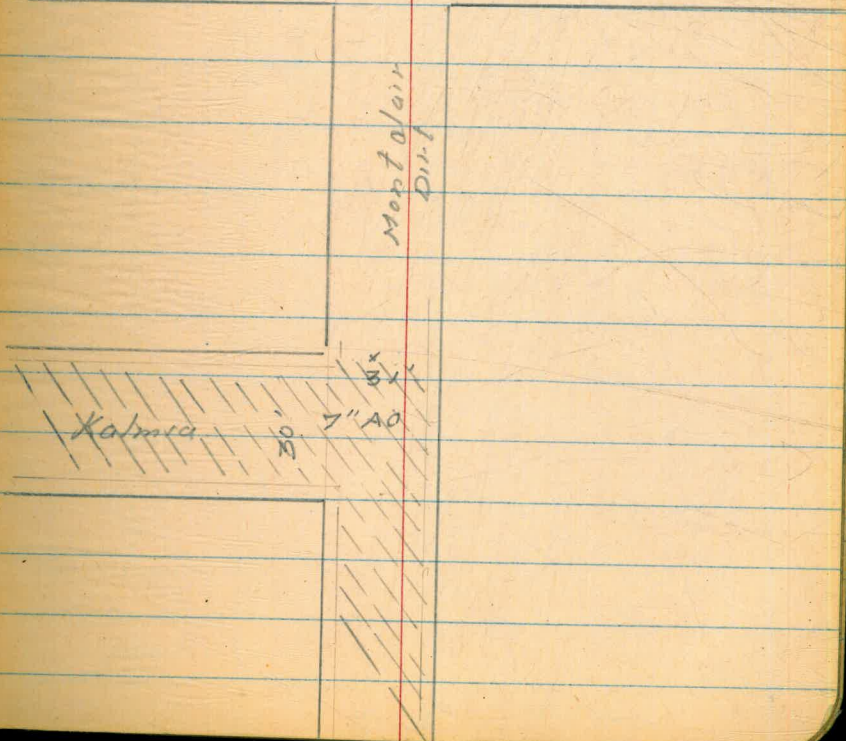
Montclair St Kalmia to Juniper

West
Martell
Varonakis

30 Dec 52



Juniper
(no Road)



Montclair
Dist

Kalmia

31'
7' 40''

West
Martell
Varonfakis

30 Dec 52 12

Vancouver Kalmia to Juniper

Juniper
(no Road)

Vancouver
(Dirt)

Vancouver
Dirt

7" AC

Kalmia

West
Martell
Varonfakis

30 Dec 55 13

Pentucket Ivy to Date

Date

no Road

Elm

no Road

Fir

no Road

Grape

no Road

Hawthorn

no Road

Ivy
(Dirt)

← (no Road) →

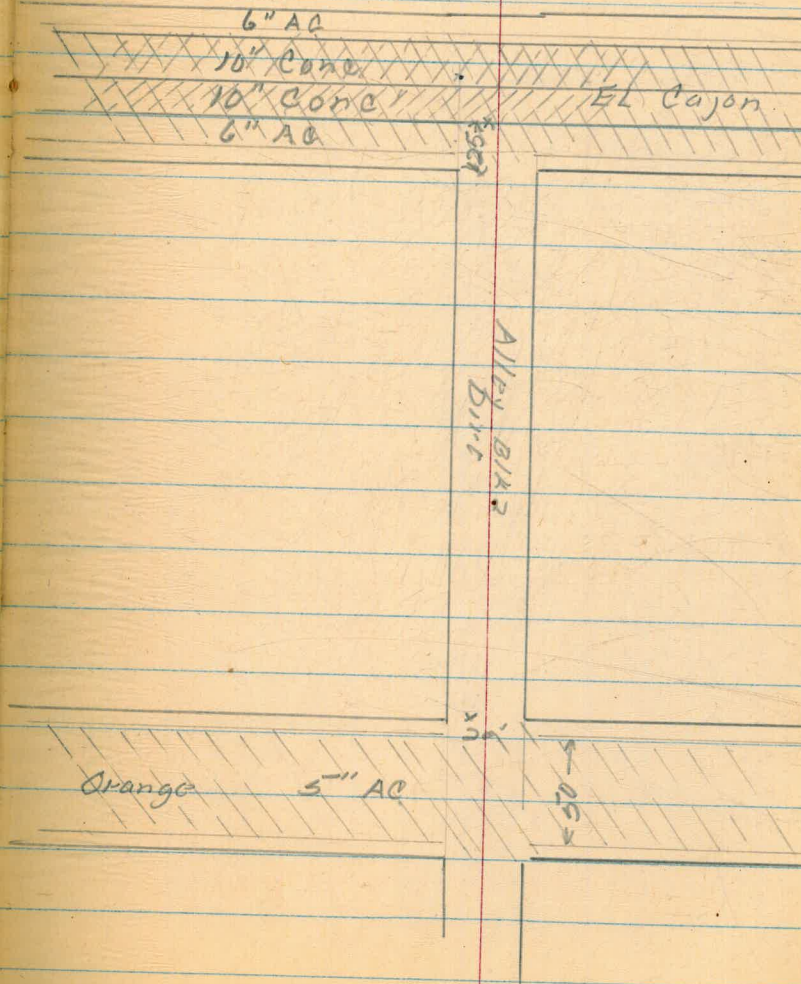
5" AC

Pentucket
(Dirt Poor Road)

West
martell
Varonakis

30 Dec 52 / 14

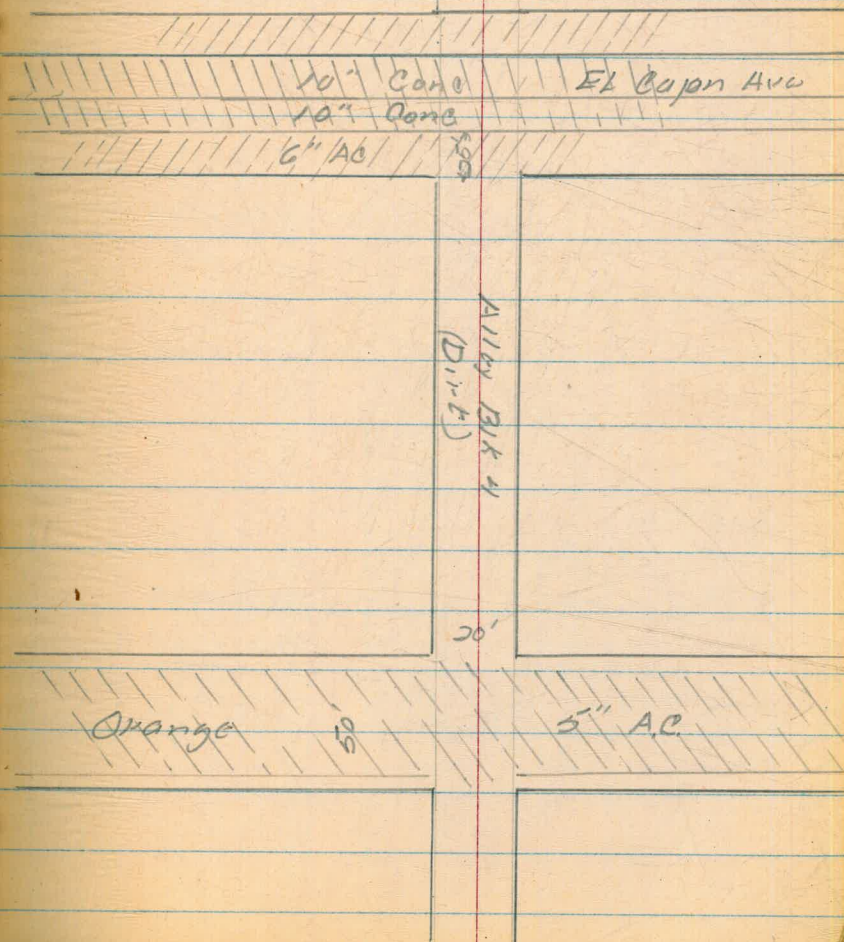
Alley B1K2 N of Orange E of Highland



West
Martell
Varonfakis

30 Dec 52 15

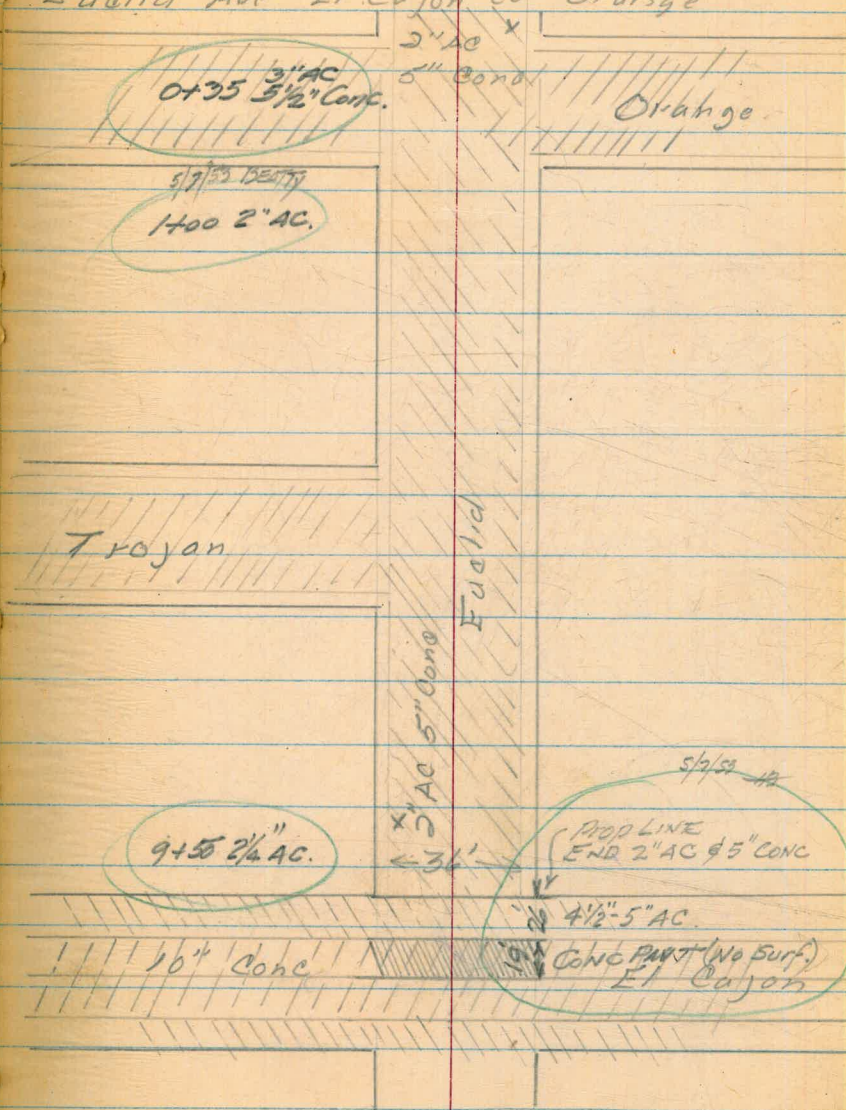
Alley BIK 4 N of Orange E of Chamouné



West
Martell
Varonakis
Euclid Ave El Cajon to Orange

30 Dec 52

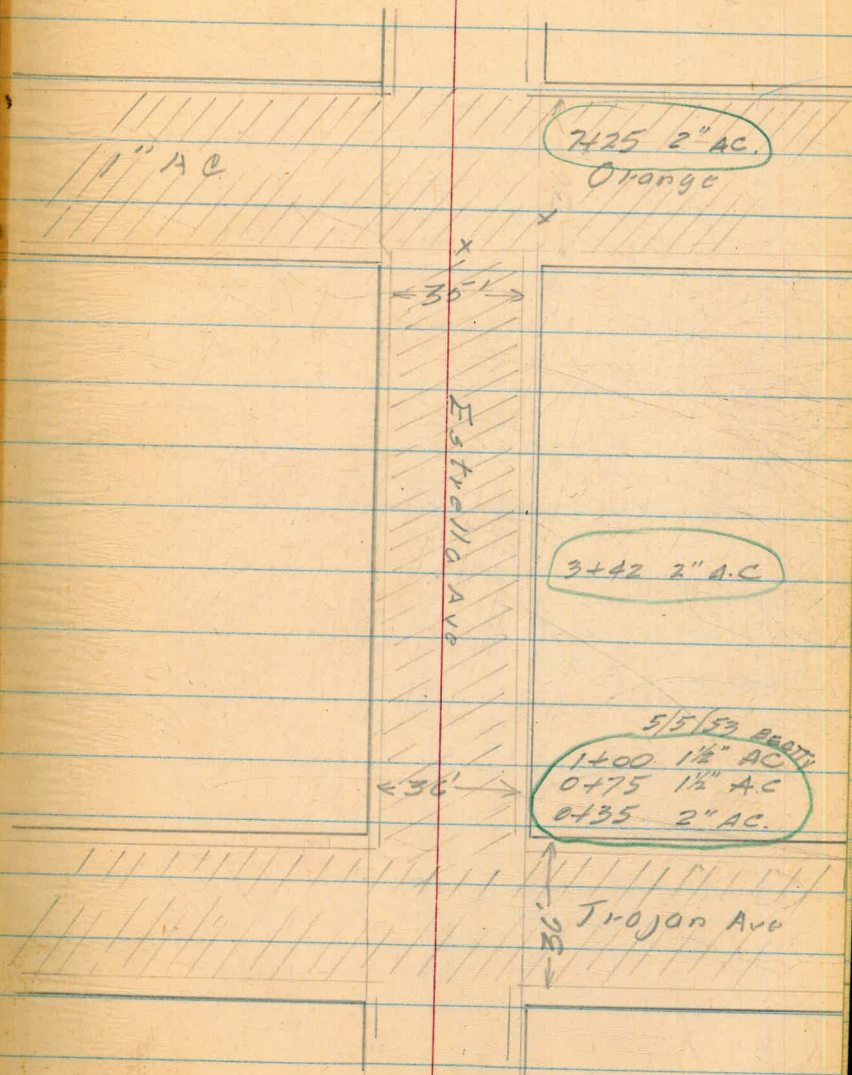
16



West
Martell
Varontakis

30 Dec 52 17

Estrella Ave Trojan Ave



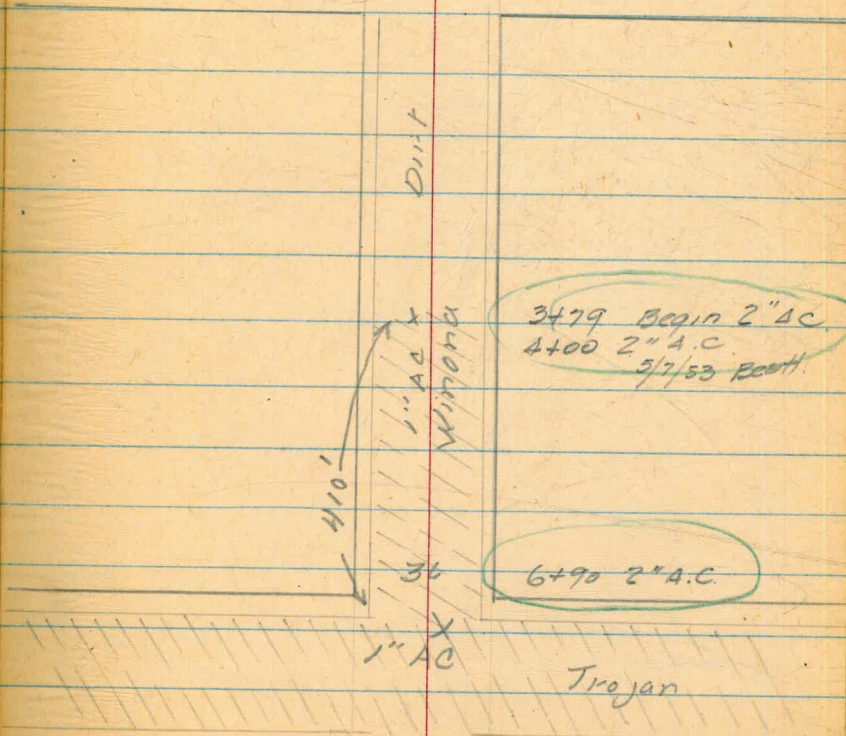
West
marcell
Yaron Sakis

18

30 Dec 52

Winona Trojan to Orange

Orange
(Dirt)

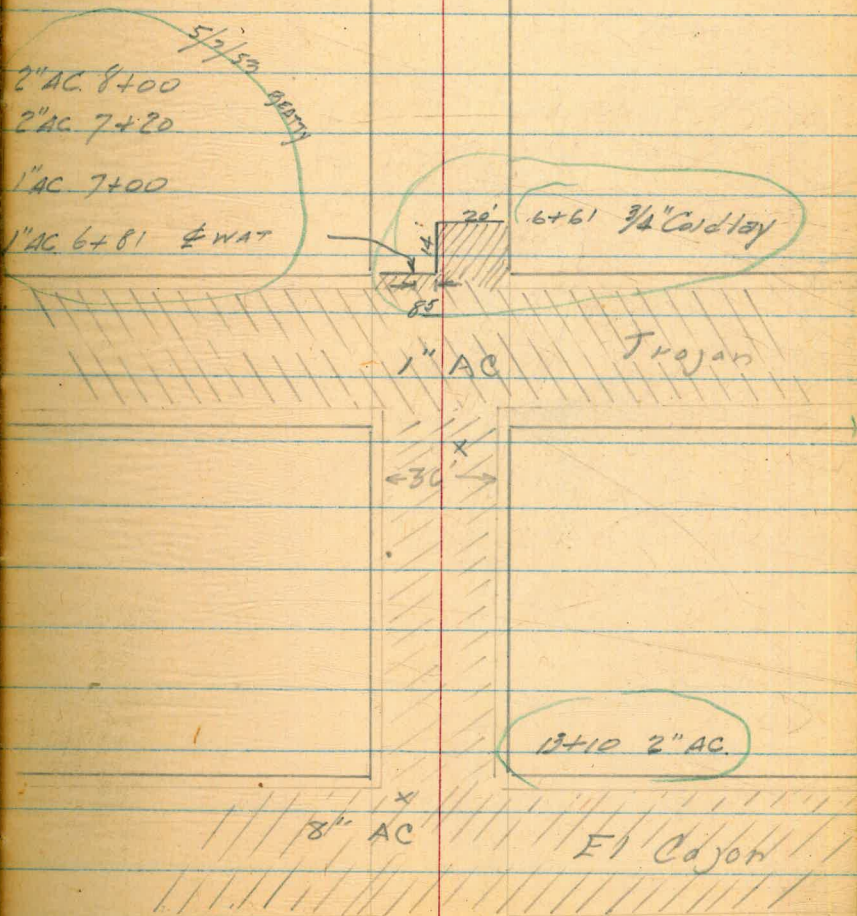


Wiese
Martell
Yaron Fakie

30 Dec 52 19

50th St El Cajon to Orange

Orange
Dirt



West
martell
Varonakis

30 Dec 52

20

Altedena Trojan to Orange

Orange
(Dirt)

Altedena Ave
(Dirt)

Trojan
Dirt

West
Martell
Voronfokis

30 Dec 52

52nd St

University to El Cajon

Trajan
(Dirt)

Orange St
(Dirt)

Polk
Dirt

52nd St
(Dirt)

Otille Pl
(Dirt)

University
8" Conc 1" AC

21

West
Martell
Voronfokis

30 Dec 52 22

49th St Orange to Polk

Polk

49th St

Orange

24

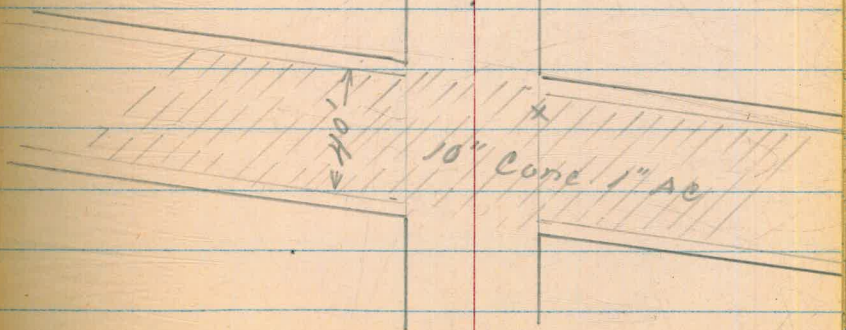
50th St Oakrest to University

30 Dec
52

West
Martell
Varonakis

Oakrest
(Dirt)

50th St
(Dirt)



49th St University 30 to ²⁵ Terminus

West
Martell
Varenfels

30 Dec 52



← 30 →

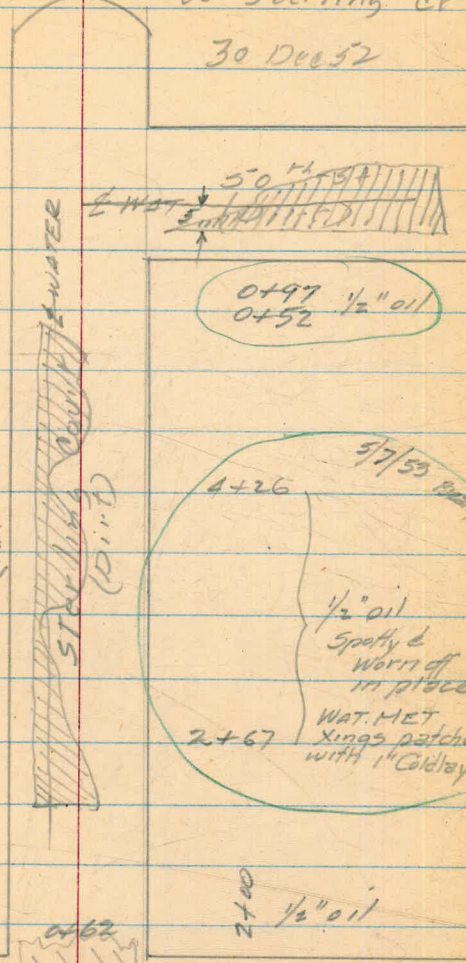
University

10" Cone
1" AC

Wightman + Altadena 50th St to Sterling Ct

West
Martell
Varon Folks

30 Dec 52



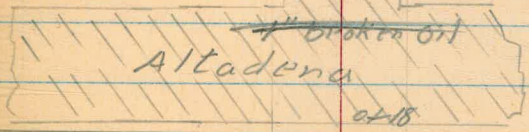
NOTE: -

All these streets
have had 1/2" oil
surfacing, but
most all of it has
weathered or has
been graded off,
except where
noted.

5/3/53

0+00
1/2" oil

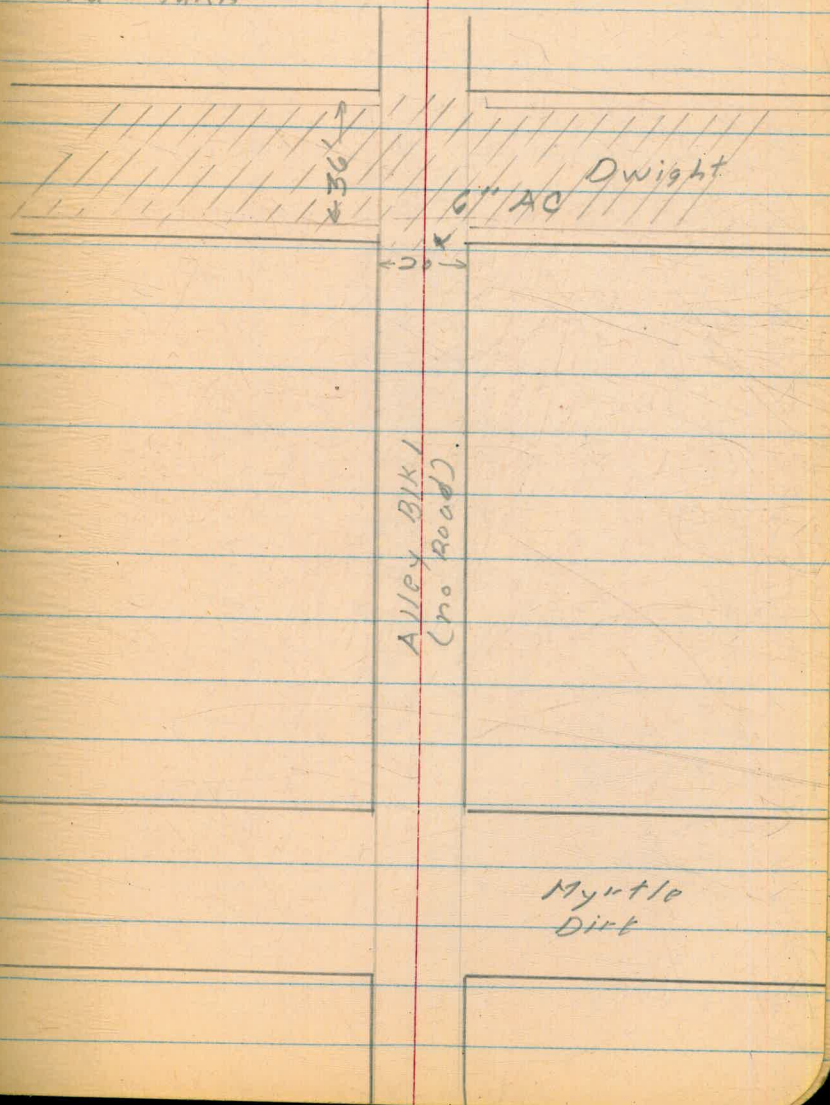
2+00
1/2" oil



Alley BIKI Not Myrtle E of Chamouna

West
 Martell
 Varon Fakis

30 Dec 52



West
Martell
Varen Fakis

30 Dec 28
02

Alley BIK4 N of Myrtle E of 47th

Dwight
(No Road)

11'

no Road
(Dirt)
Alley BIK4
Dirt

Myrtle
Dirt

(Dirt)

4" AC

29

Alley BIK 3 N of Redwood E of Highland
West
Martell
Varonakis

30 Dec 52

Thorn
Dirt

Alley BIK 3

Dirt

Redwood (no Road)

Alley BIK 9 N of Redwood E Chamound

West
martell
varonfokis

30 Dec 52



6" DC

(Dirt)

Thorn

Alley
(Dirt)Redwood
Dirt

West
Martell
Varenfokis

30 Dec 53. 31

Alley BIK 16 N of Quince E of Chamaine

Redwood
Dirt

Alley
(Dirt)

Quince
(no Road)

Alley BIK G N of Quince E of 44th

West
Marcell
Varon falku

30 Dec 52

Redwood
(No Road)

Alley
(No Road)

Quince
(No Road)

West
Murtell
Voronfelis

31 Dec 52 33

0st 41st to 43rd

43rd.
(Dirt)

42nd
(Dirt)

0st
(Dirt)

41st
(Dirt)

West
Martell
Varonakis

31 Dec 52 34

43rd St Hill top to A

Ast
(Dirt)



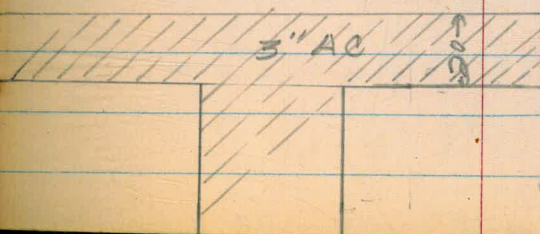
Ost
(Dirt)



15th St
(Dirt)



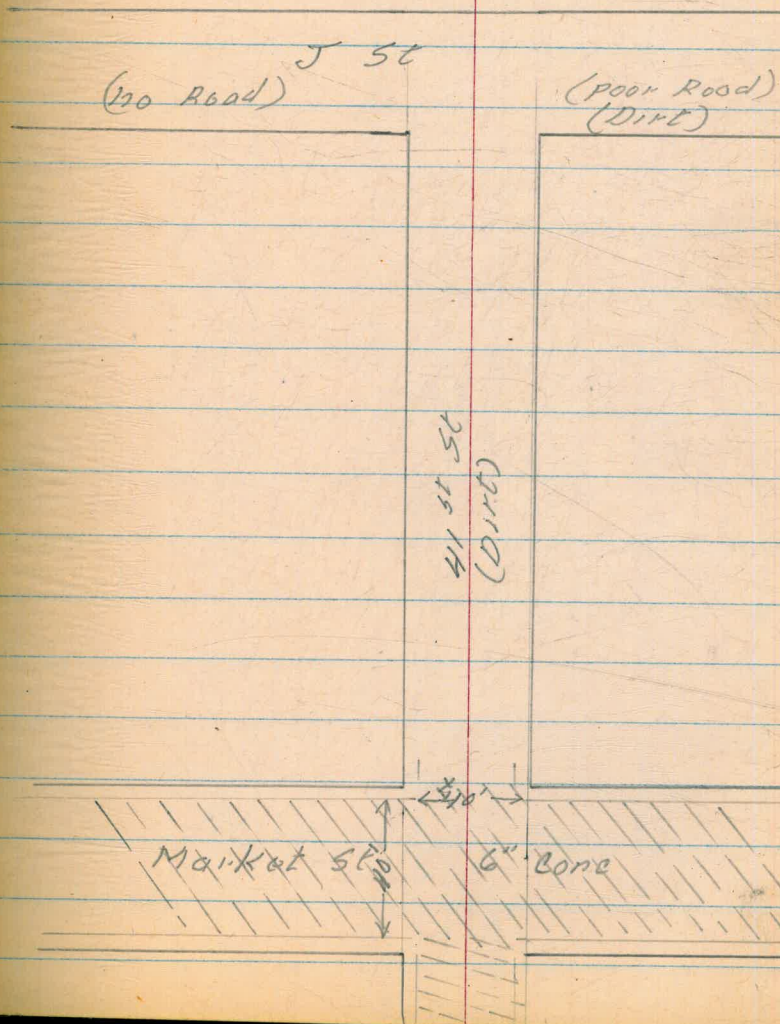
Hill top ($\frac{1}{2}$ Dirt)



41 st Market to J st

West
Martell
Varonakis

31 Dec 52



West
Marfell
Varonfakis

31 Dec 52 36

Morrison St Market to J St

(No Road)

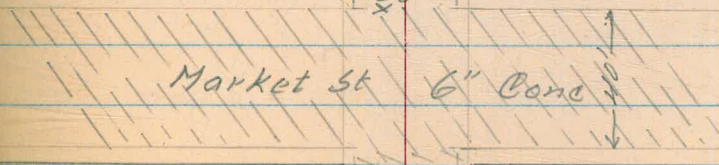
J St

(Poor Road)
(Dirt)

Morrison St
(Dirt)

30'

Market St 6" Conc



42nd St Market to JStWest
Martell
Varonakis

31 Dec 52

J St
(Dirt)42nd St
(Dirt)

← 30' →

Market

6" AC



38

Demby St Market to Jst
west
mortell
varonfaks

31 Dec 52

Jst
Dirt

Demby
Dirt

8' 1" AC

← 30 →
115

Market St

6" Conc

West
Maitell
Varonakis

31 Dec 52 39

J St 41st to 43rd

43rd

1" AC

37'

↑
20'
↓

Dumby St
Dirt

Toyne St
Dirt

42nd St
Dirt

Morrison St
Dirt

41st St
Dirt

J St
Dirt

Appo Road

West of 30th to 32nd
Martell
Voronofkas

40
6 Nov 52

1" AC

32'

3rd Cone Butter

31st St

1/2" to 1" Oil Poor condition G ST

2" AC over 6" Cone

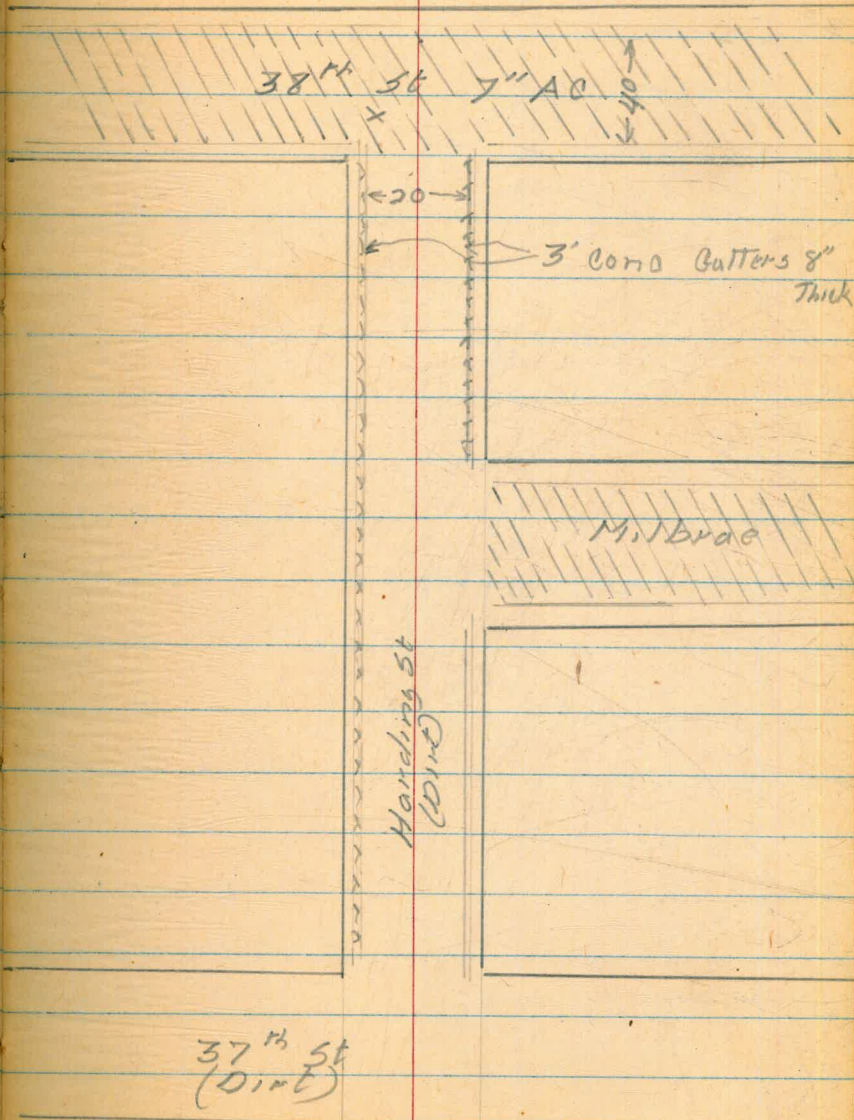
30th St

West
martell
Varontokis

31 Dec 52

411

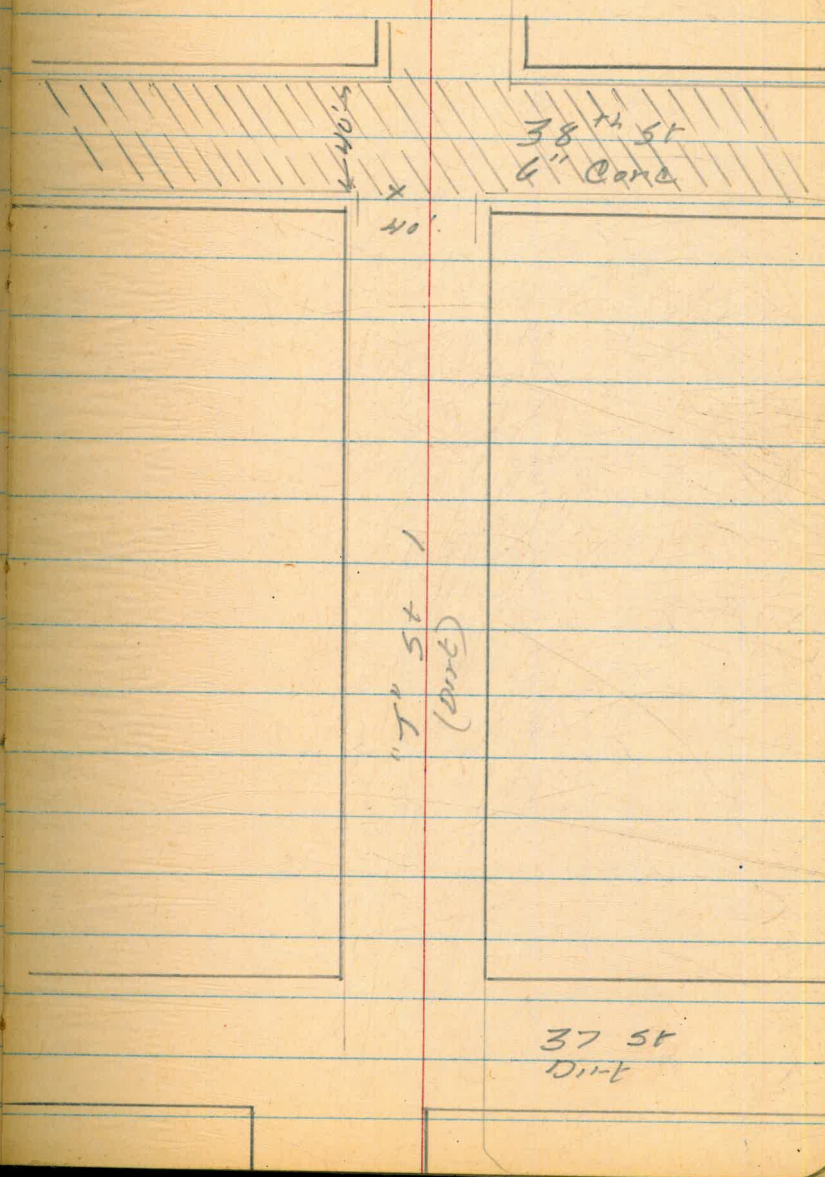
Harding St 37th to 39th



West
Martell
Varonakis

31st Dec 57 42

"T" St 37th to 38th



38th St
4" concrete

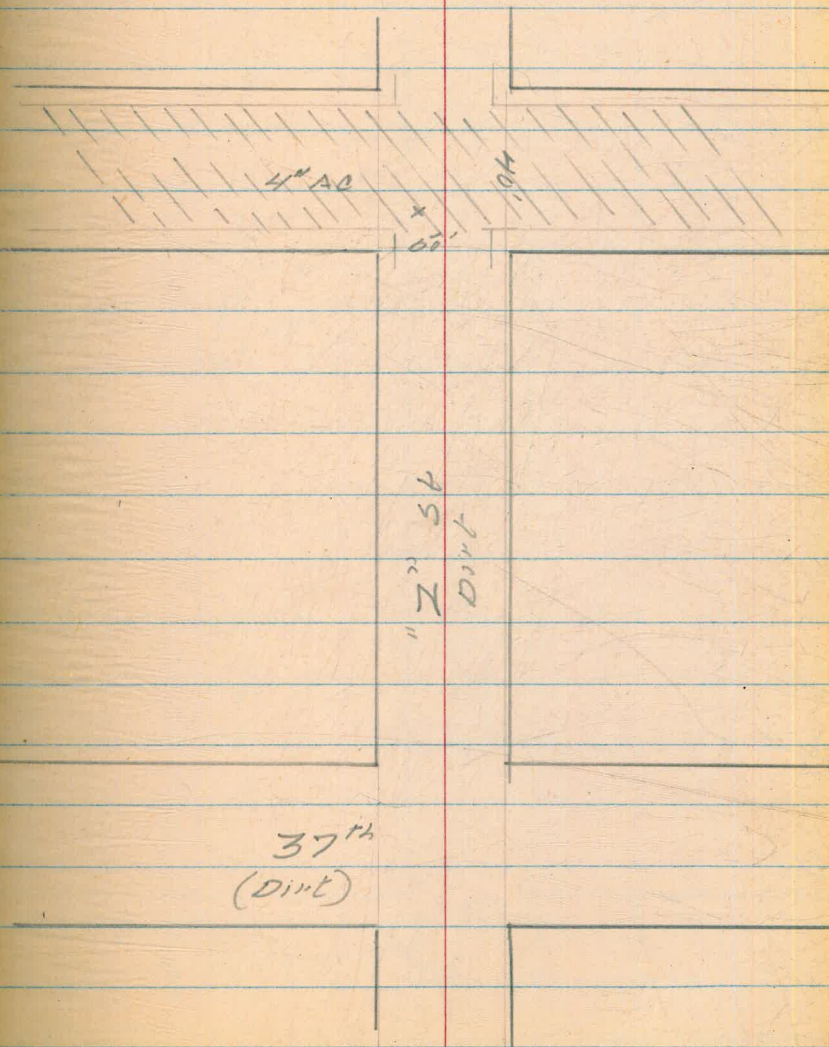
"T" St
(part)

37 St
Dirt

West
Martell
Varonfakis

31 Dec 50 43

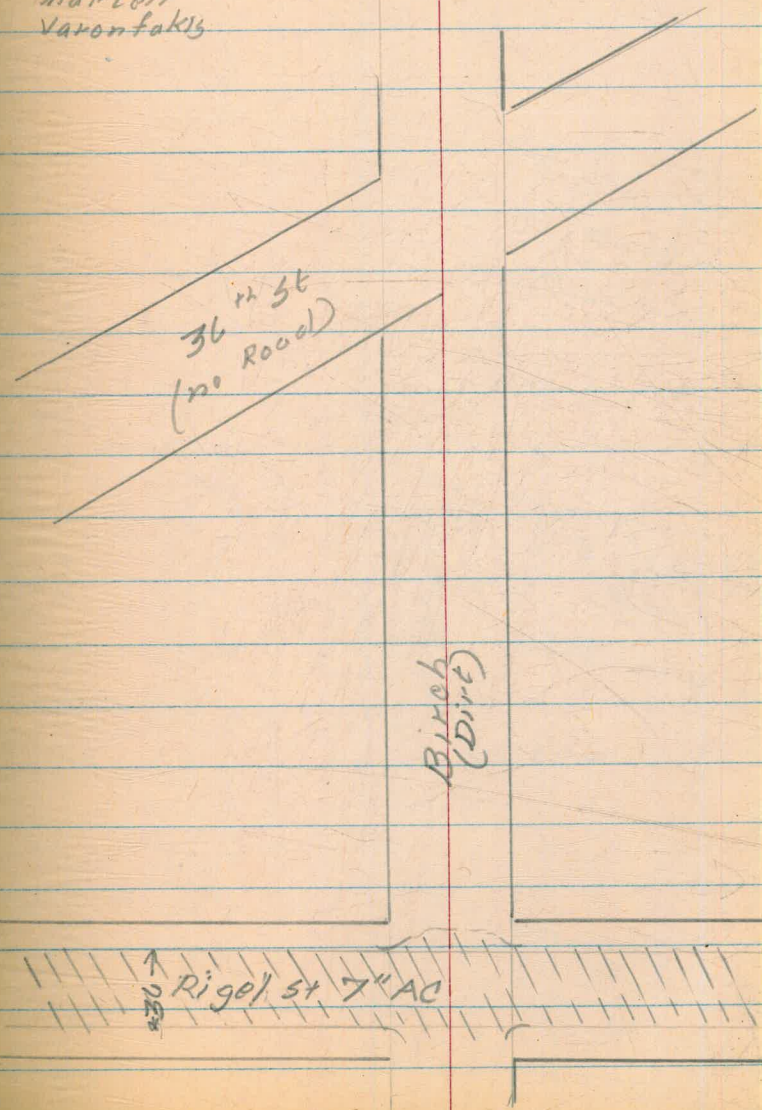
"Z" St 37th to 38th



Birch St Rigel to 36

West
martell
varonfakis

31 Dec 52



Rachael St Winchester
to Allegheny St

West
Martell
Varen Forks

13 Nov 52

35'

45

oil

1" 60"

6" Core Pav
Albemarle

6" Core Pav
Cumberland

6" Core Pav
Shaw

2+38 end of oil

69'

1" 0x

6" Core Pav
Winchester

Rachael St
Dir-2

Allegheny St 8" Conc

36

6" Conc
Belvoir

1" to 2" Oil

5" Conc
Potomac

Rachael

6" Conc
Cable

47

Sea breeze

48

Winchester to Cumberland

West
market
Vavonfakis

18 Nov 62

Cumberland

6" Conc Pavc

Edgewater

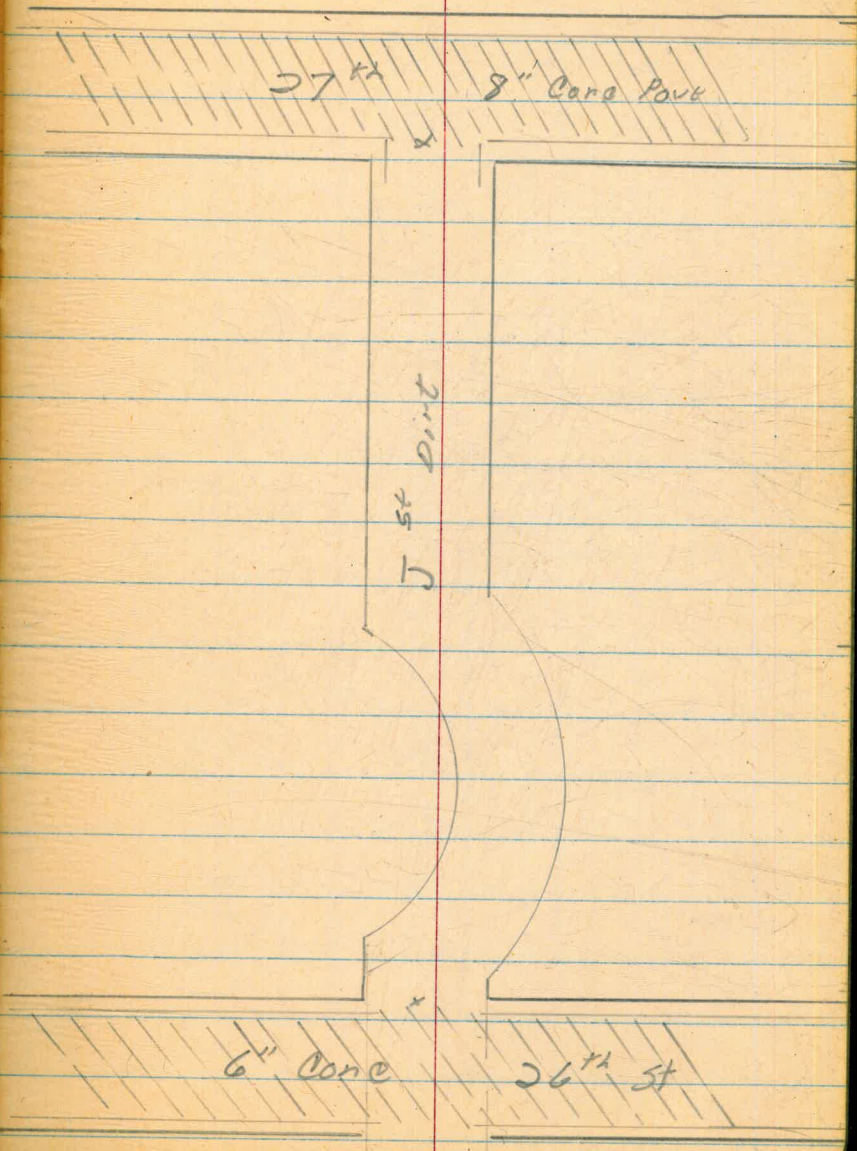
6" Conc

Sea breeze
(Dir.)

6" Conc Pavc

Winchester

J st 26 to 27th

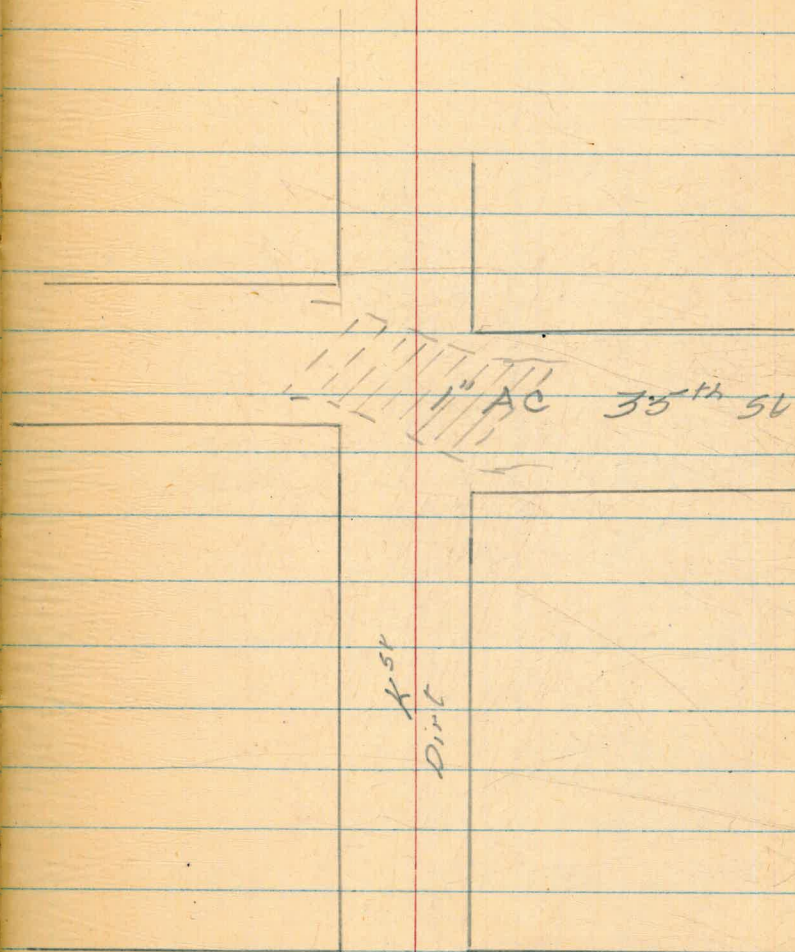


West
Martell
Varonfakis

31 Dec 52

50

K St Francis to 35th

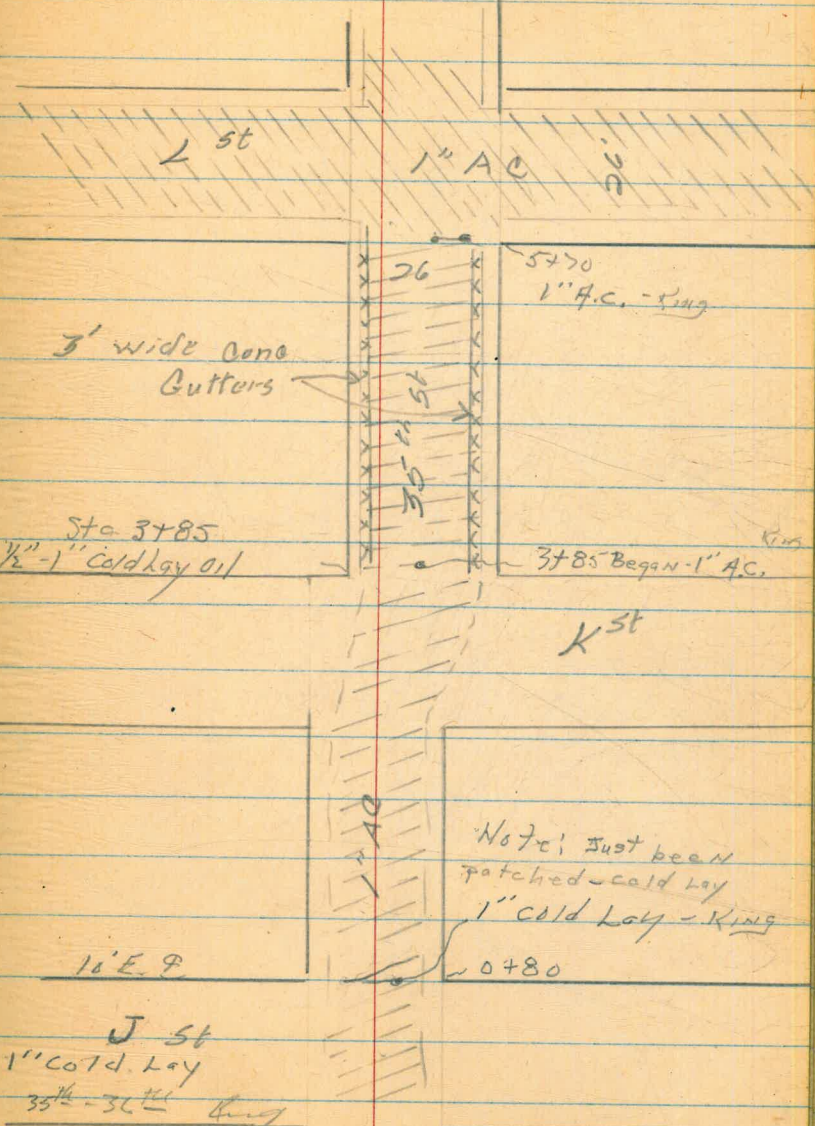


Francis St
Dirt

Worst
inartull
Varenfakis

(31 Doors) 51

35th St J to L St



J St
1/2" - 1" cold Lay
35th - 36th King

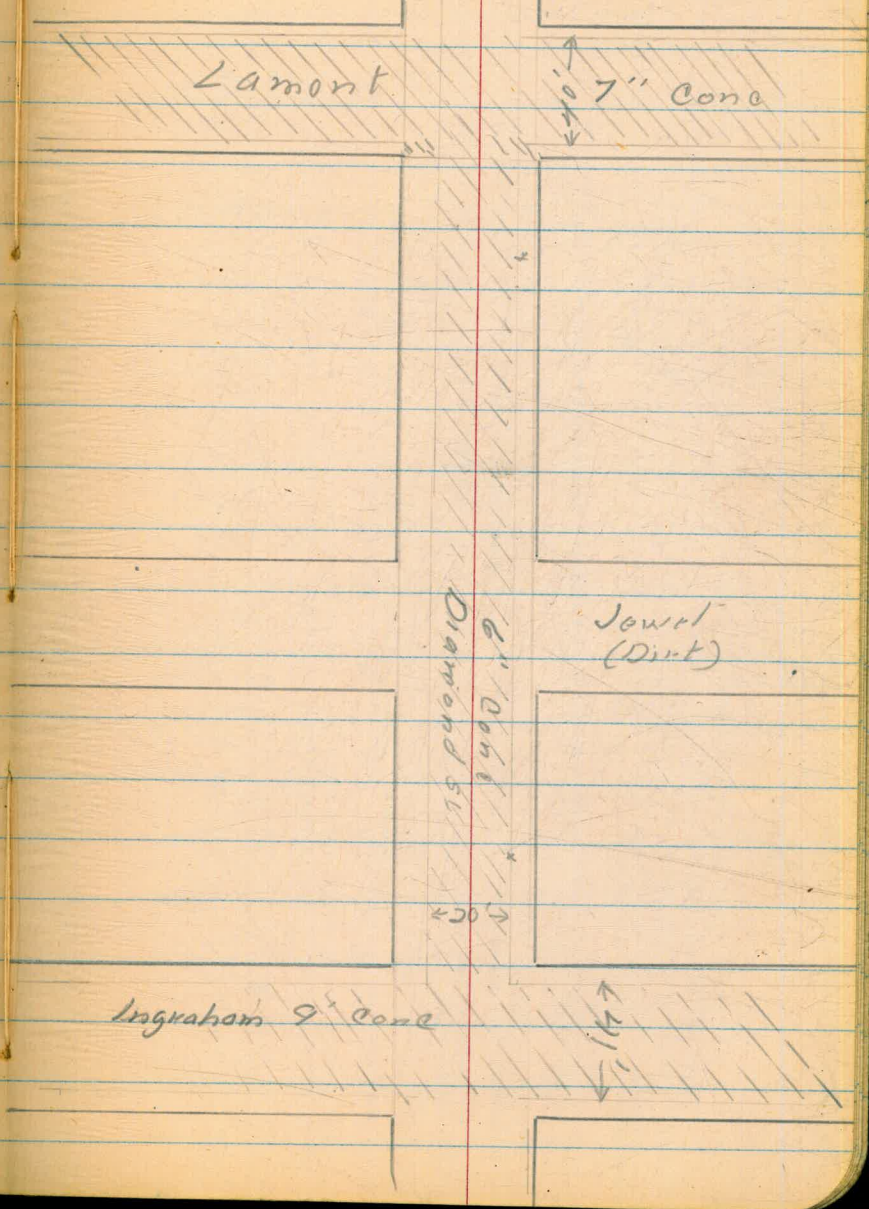
Note: Just been
patched - cold Lay
1" cold Lay - King
10480

West
Martell
Varonakis

7 Jan 53

53

Diamond St Ingraham to Lamont

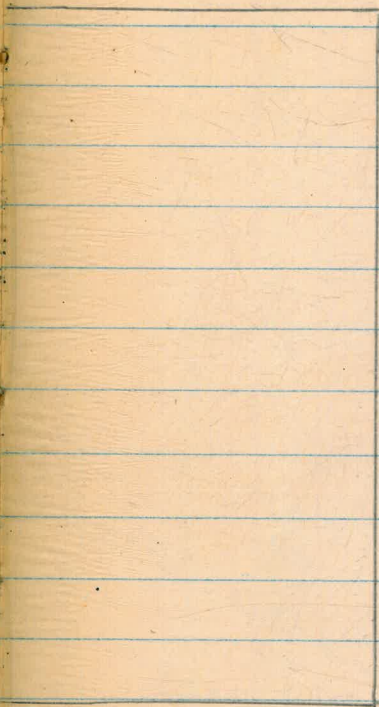


E-27-28th
Pavement

54

28th St

6" A.C. IN 28 St.



7+00
1 1/2" AC

Note:
Numerous
Cold lay Patches

Every check hole
d. FFERS.

1/2"-1" Thick A.C.

Numerous
Patches

0+60

27th

6" CONC Pav.

King
West
Williams
Kemp

12 May 53 55

Warrington

Dixon PL

J-110

1740 1/2 AC King

0+75 1/2 AC

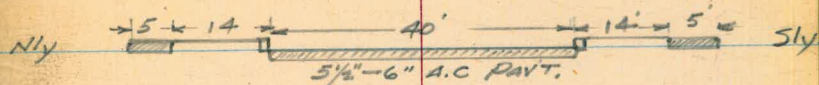
0hatsworth

0+20 5" AC

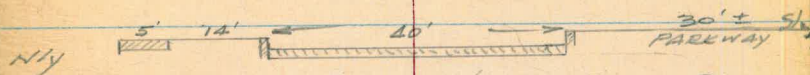
FEB. 10, 1956
BEATTY
SMITH

56

Avenida De La Playa

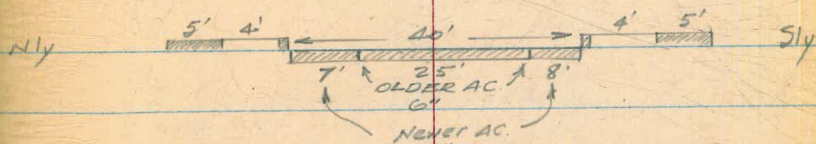


EL Paseo Grande To LA JOLLA SHORES.



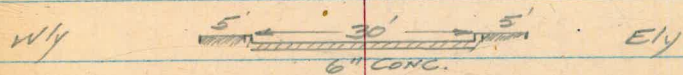
EL PASEO ORASCO To EL PASEO GRAND

MILTON STREET

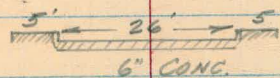


DENVER To CHICAGO

BEAUMONT AVE



Mira Monte to Via del Norte



Via del Norte - Nly. to Terminus.

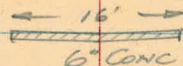
FEB 10 1956

BETTY
SMITH

57

Alley BLK 100 Mission Beach

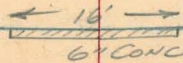
NLY



SLY

STRANDWAY TO MISSION BLVD.
& MISSION BLVD ELY.

Alley BLK 235 Mission Beach



STRANDWAY TO MISSION BLVD.
& DIRT ALLEY
MISSION BLVD ELY.

GOLDSMITH - EVERGREEN TO
CHATSWORTH

NLY



SLY

NO CONC. PAVT. ON CHATSWORTH

FREEMAN ST. - EVERGREEN TO CHATSWORTH



NO CONC. PAVT. ON CHATSWORTH

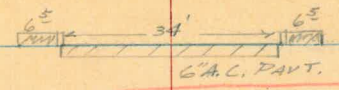
DUMAS ST. - LOCUST TO EVERGREEN



NO CONC. PAVT. ON CHATSWORTH

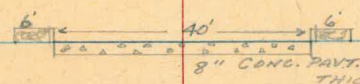
HOMER ST. - EVERGREEN TO CHATSWORTH

IBSEN ST. - EVERGREEN TO CHATSWORTH



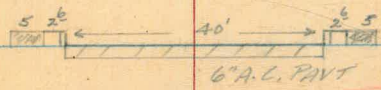
NO CONC. PAVT. ON CHATSWORTH

TENNYSON ST. - CAPISTRANO TO CHATSWORTH



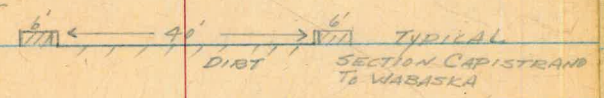
8" CONC. PAVT. - ALSO VARIABLE THICKNESS A.C. OVER 8" CONC. ON CHATSWORTH OUT TO 15' W. OF FACE OF EAST CB. THE REST OF CHATSWORTH IS 6" A.C.

WAWONA ST. - CAPISTRANO TO CHATSWORTH



NO CONC. PAVT. ON CHATSWORTH

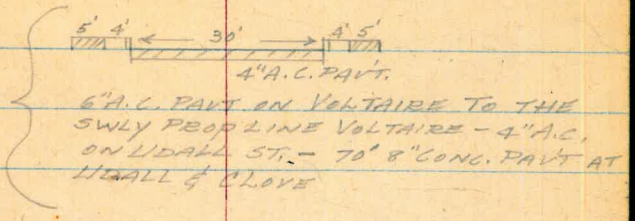
P&E ST. - CAPISTRANO TO CHATSWORTH



5" A.C. PAVT. ON CAPISTRANO TO WLY. PROP., DIRT ST. ON P&E ST. - 4" A.C. ON WABASKA 30' WIDE - 6" A.C. PAVT. ON CHATSWORTH

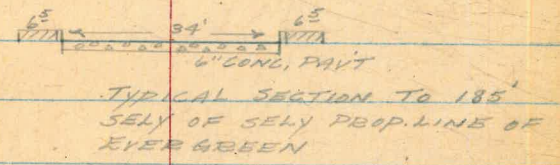
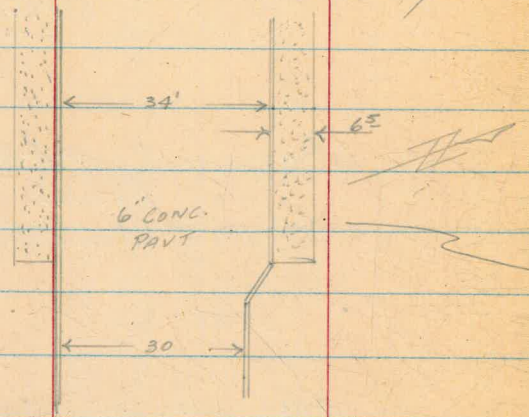
NO CONC. PAVT. ON CHATSWORTH

LIDALL ST. - VOLTAIRE ST. SLY

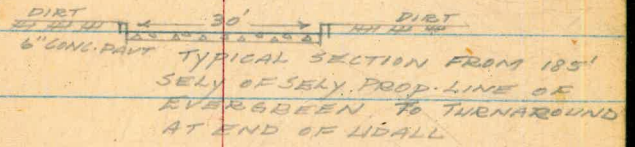


6" A.C. PAVT ON VOLTAIRE TO THE SWLY PROP. LINE VOLTAIRE - 4" A.C. ON LIDALL ST. - 7' 8" CONC. PAVT AT LIDALL & DLOVE

LIDALL ST. - EVERGREEN ELY.

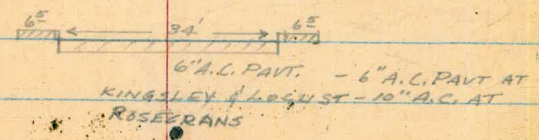


TYPICAL SECTION TO 185' SELY OF SELY PROP. LINE OF EVERGREEN



TYPICAL SECTION FROM 185' SELY OF SELY PROP. LINE OF EVERGREEN TO TURNAROUND AT END OF LIDALL

KINGSLEY ST. - ROSEBRANS TO LOCUST ST.

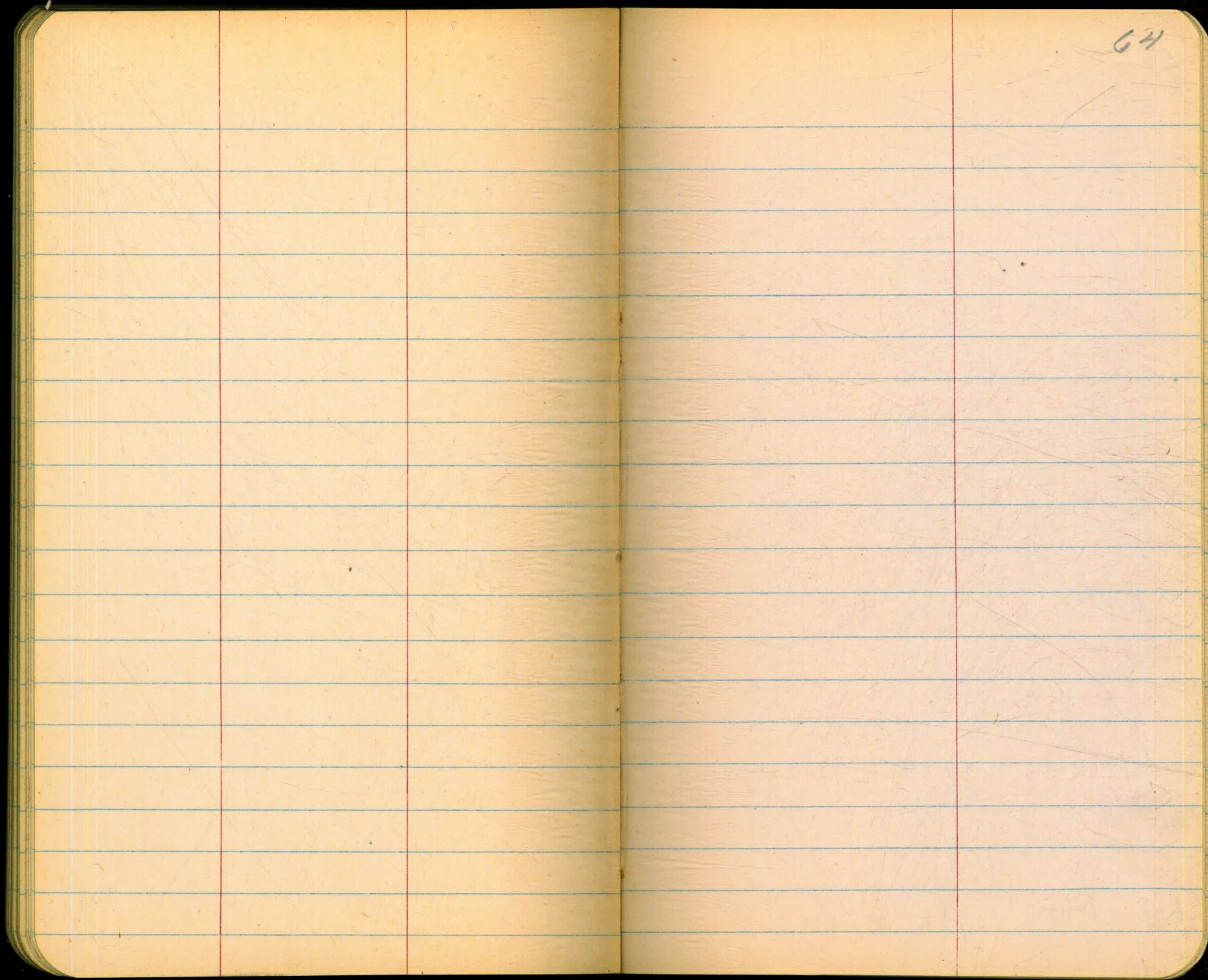


60

61

62

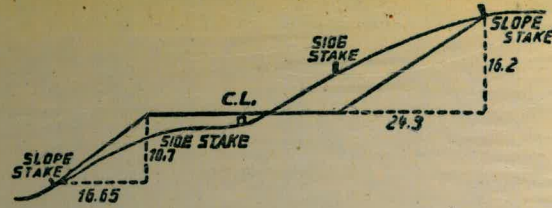
63



62

65

Please Return to
 City of San Diego Water Dept.
 Room 903 Civic Center



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	71.20	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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