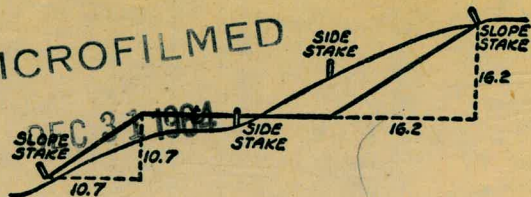


2113

DATE

MICROFILMED



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.

INDEXED

to page # 20
except pages # 5, 8,

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	4.48
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	.266	.353	.440	.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

Alignment Park Blvd. Widening Run Blvd 1-13
 Alignment Park Blvd / Six Run Blvd North 13-20

X-Sec. Plum Sly from Quimby 27

X-Boundary - Lincoln to Grange 49

Alignment (12th Ave) Widening Park Blvd.
 Ross Blvd. to Laurel St

5+0

11° 00.41'

INDEXED

SEP 21 1950

4+50

9° 21.95'

4+0

7° 49.46'

Δ 56° 13'

4+50

L 13.97 R 900'

T 480.72 ✓

3+0

4° 38.48' L 883.05 ✓

D. 1.909.85

4+50

3° 02.99'

2+0

1° 27.50'

1+54.19 B.C.R.

0+00 = South 1/2 Line Ross Blvd.

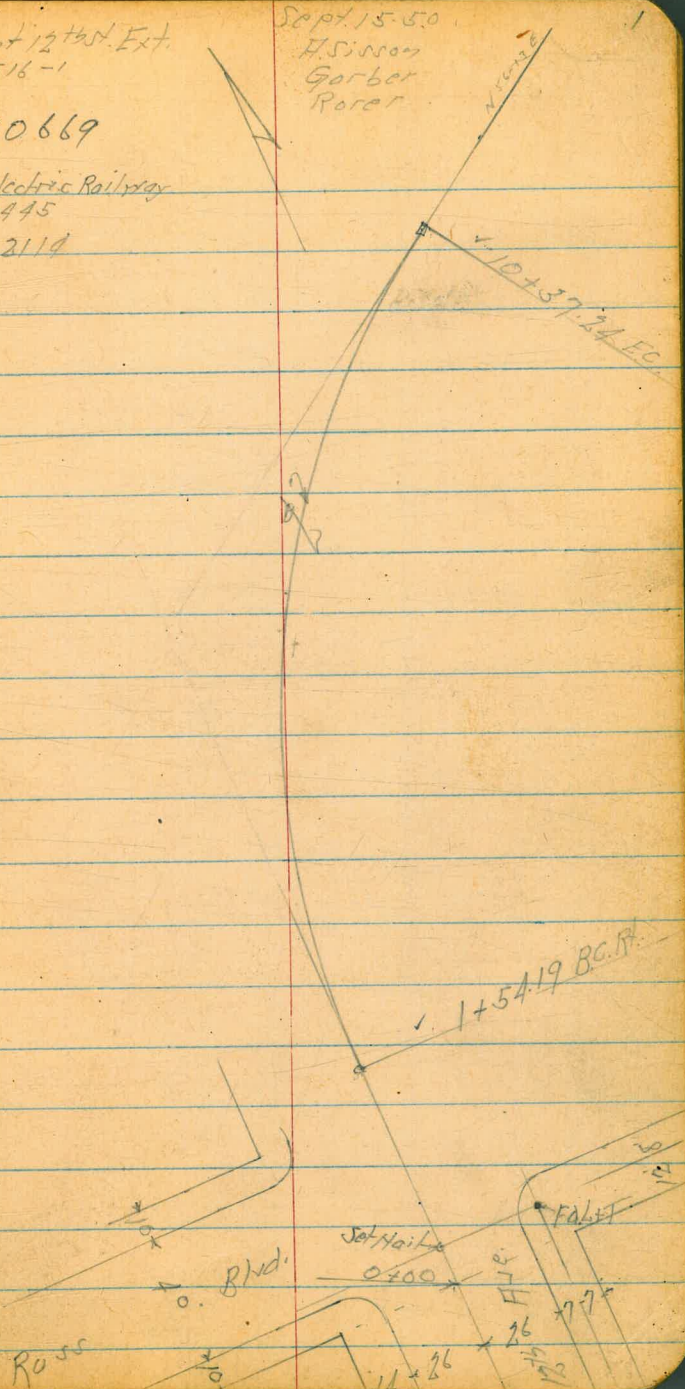
Alignment 12th Ave. Ext.
 1516-1

X.O. 20669

San Diego Electric Railway
 Roll # 3445

Cross Sec. 2114

Sept. 15-50
 H. Simon
 Garber
 Rorer



+37.24 FC 38° 06.50'

10+0 36 55.89'

+50 35° 19.85'

9+0 33° 44.36'

+50 POC 22° 08.87'

8+0 20° 33.38'

+50 18° 57.89'

7+0 17° 22.40'

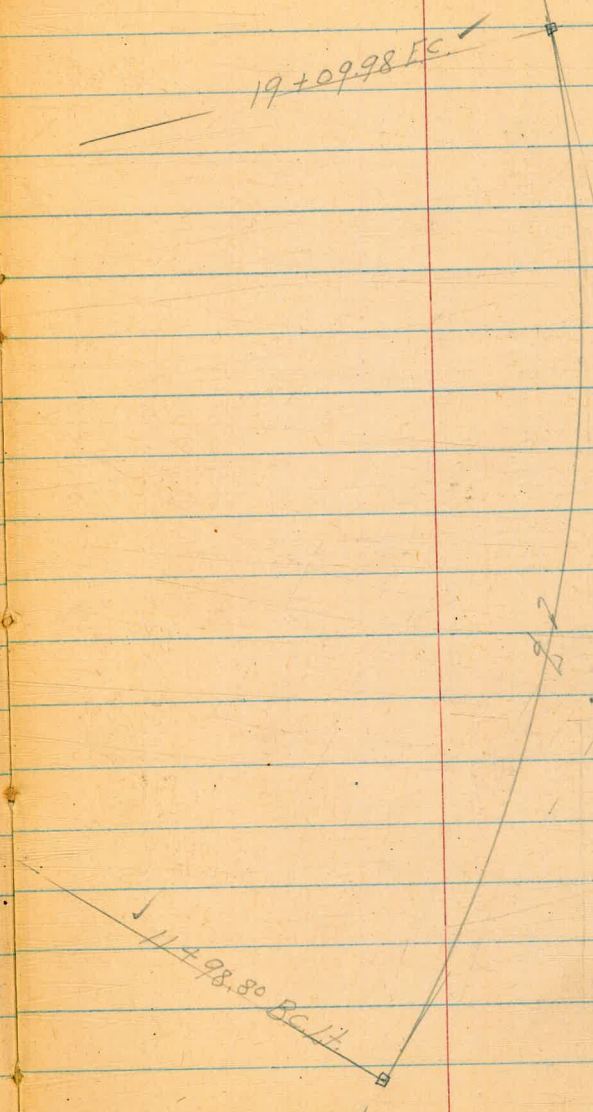
+50 15° 46.91'

6+0 14° 11.42'

+50 12° 35.93'

Alignment (12th Ave) Widening
Park Blvd

+50		11° 10.72'	
15+0	P.O.C.	9° 35.23'	$\Delta 45^\circ 16' 30''$
+50		7° 59.74'	R 900 T 275.33
14+0		6° 24.25'	L 711.18 ✓ D 1909.85
+50	P.O.C.	4° 48.76'	
13+0		3° 13.27'	
+50		1° 37.78'	
12+0		0° 02.93'	
11+98.80 B.C. 1/4			



+0.998 EC 22° 58.25'

19+0 22° 19.15'

+50 20° 43.66'

18+0 P.O.C 19° 08.17'

+50 17° 32.68'

17+0 15° 57.19'

+50 P.O.C 14° 21.70'

16+0 12° 46.21'

Alignment (12th Ave) Widening
Park Blvd

+50

16° 13.72

29+0

14° 10.94

A 53° 15'

+50

12° 08.16' R 700'

T 350.92

28+0 P.O.C.

10° 05.39' L 650.57 ✓

D 2.4555

+50

8° 02.61

27+0

5° 59.83 ✓

+50

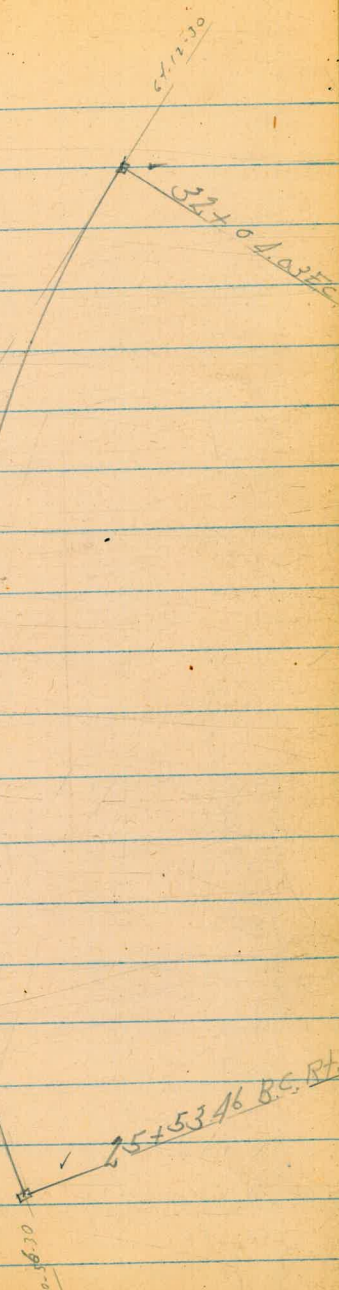
5° 57.06 ✓

26+0

1° 54.22 ✓

25+53.46 B.C. RT

9.2



Alignment (12th Ave) Widening
Park Blvd.

+04.03 FC	26° 37.50'
32+0	26° 37.60'
+50	24° 21.82'
31+0 P.O.C.	22° 22.05'
+50	20° 19.27'
30+0	18° 16.19'

33+28	61.0 Rt of $\frac{1}{2}$ = $\frac{1}{2}$ 36" Euc. Tree
33+15	60.5 Rt of $\frac{1}{2}$ = $\frac{1}{2}$ 10" Euc. Tree
33+13	69.5 Rt of $\frac{1}{2}$ = $\frac{1}{2}$ 18" Euc. Tree
+88	73.5 Rt of $\frac{1}{2}$ = $\frac{1}{2}$ 30" Euc. Tree
32+88	58' Rt of $\frac{1}{2}$ = $\frac{1}{2}$ ^{14"} Euc. Tree

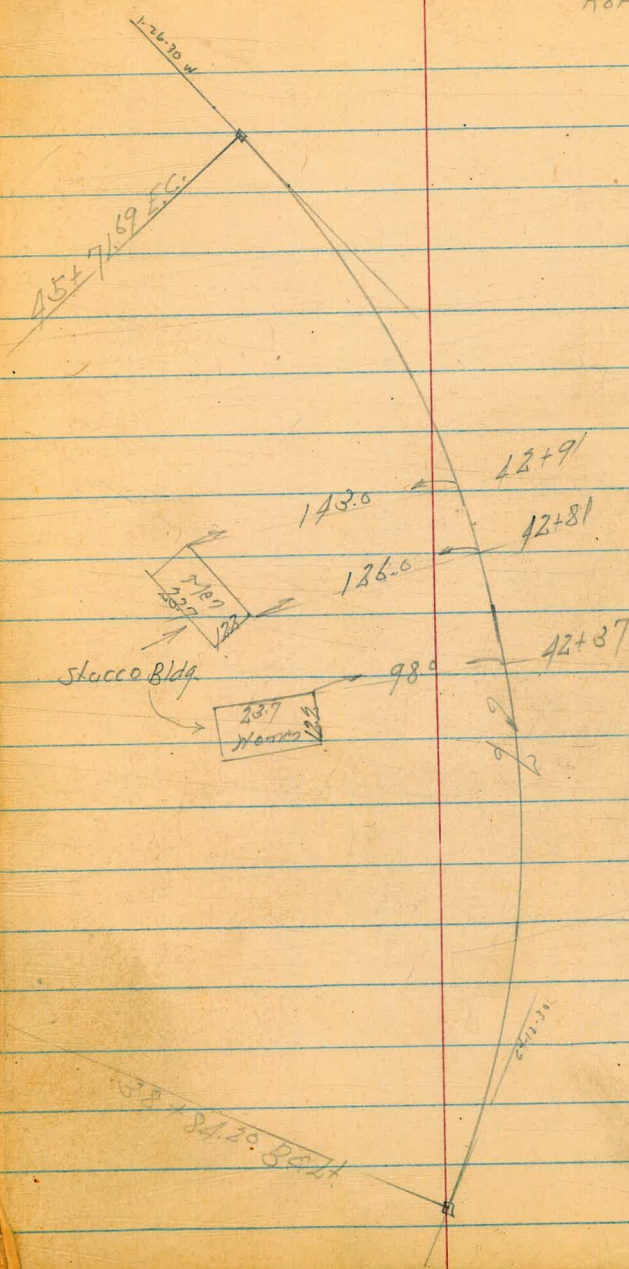
12

Alignment (12th Ave) Widening
Park Blvd

43+0	19° 51.18'	✓
+50	P.O.C.	17° 27.94'
42+0	15° 04.70'	
	Δ 65° 39'	
+50	12° 41.46'	R 600
	T 387.04	
41+0	P.O.C.	10° 18.22'
	L 687.49'	✓
	D 2.8618	
+50	7° 54.98'	
40+0	5° 31.74'	
+50	3° 08.50'	
39+0	0° 45.26'	
	0.1816	
38+84.20	B.C.H.	+

Sept 19. 50
H. Sisson
Garber
Rorer

9



47+50 POT x 02 RR Spike Nursery Road

+7169 FC

c 100 ft 0.18
18.07

32° 49.50' ✓

+50

c 100 ft 0.12
41.65

31° 47.30' ✓

45+10

29° 24.14' ✓

+50

27° 00.90' ✓

44+10

24° 37.16' ✓ POC 100 ft

43+50

POC

22° 14.42' ✓

2
02

Existing Curbs
29.56 x 29.56

FdL + Disc
= 1804

FdL + Disc

1/2 Laurel
El Prado

52+91.9

1804.9

FdL + Disc

1/2 Park Blvd

1/2 Juarez Blvd

163.97

55+79

8.30

57+59.30

Exist curbs

H.C.

H.C.

20

93

93

52+91.9

307.5

57+32.7

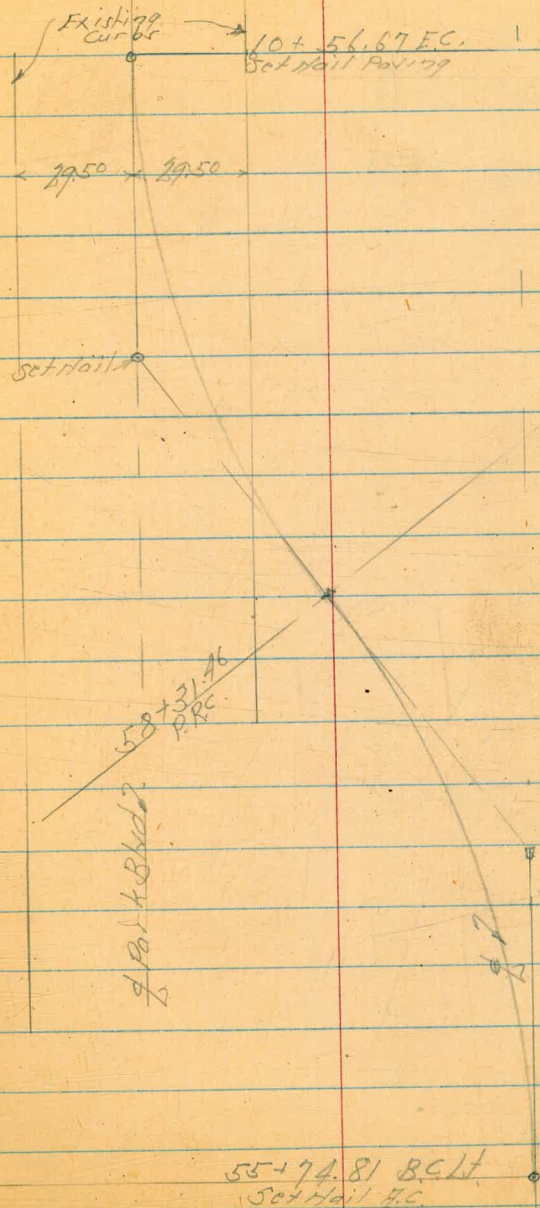
210.5

57+0

2050

50+25.7

+56.67 EC.	19° 26.25'	
+25	18° 42.25'	
60+0	14° 32.79'	Δ 58° 52' 30"
+75	12° 23.33'	R 331.92
+50	10° 13.86'	T 117.13
+25	8° 04.40'	L 225.21
59+0	5° 54.94'	D. 5.1785
+75	3° 45.48'	
+50	1° 36.02'	
+31.16 P.R.C.	18° 42.25'	
58+0	16° 24.66'	
+75	14° 35.34'	Δ 37° 24' 30"
+50	12° 46.03'	R 393.10
+25	10° 56.71'	T 133.09
57+0	9° 07.40'	L 256.65
+75	7° 18.09'	D. 4.3726
+50	5° 28.77'	
+25	3° 49.45'	
56+0	1° 50.14'	
55+74.81 B.C.H.		



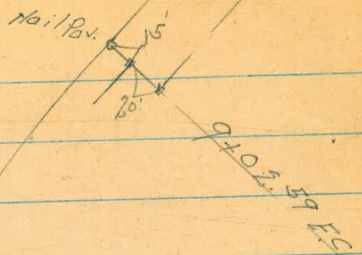
Alignment 2" Park Blvd.
Russ Blvd. to El Prado

Nov. 26-50 Sunday

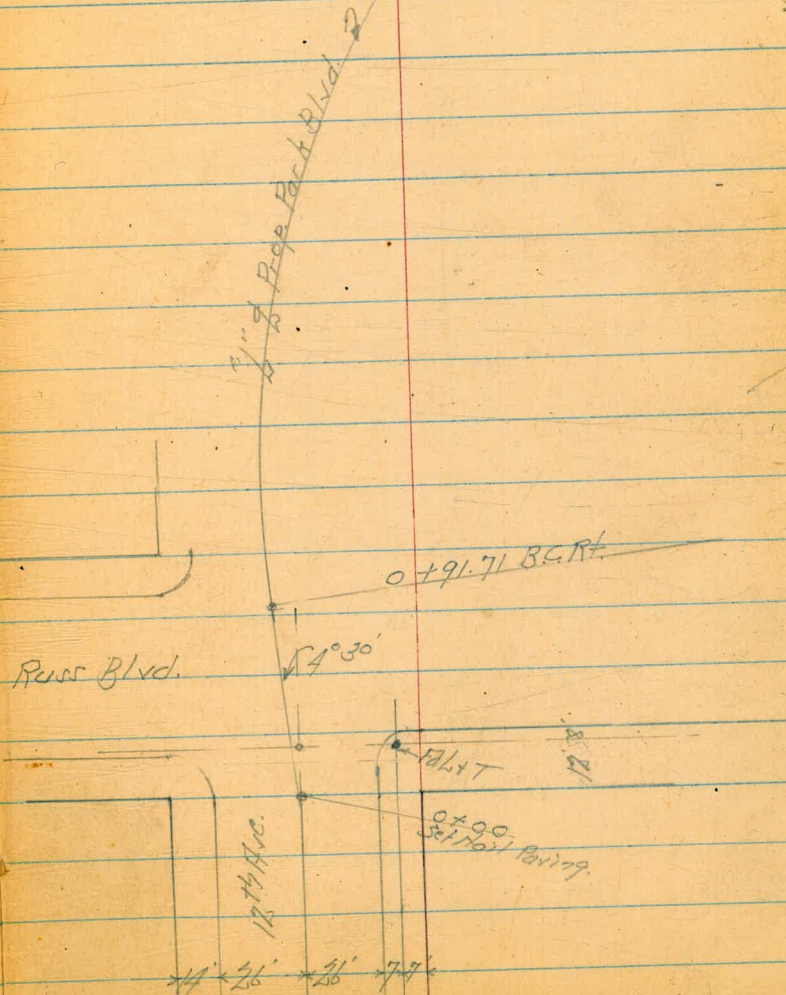
H.S. Wilson
Garber
Rorer
Fuller

H.O. 20669

13



+150	INDEXED MAY JAN 8 1951	8° 02.57'
2+0		6° 29.15'
		A 50° 30'
+150		4° 55.74' R 920'
		T 433.90
2+0		3° 22.32' L 810.88
		D: 1.86834
+150		1° 48.90'
1+0		0° 15.11'
0+91.71 B.C.R.T.		
0+0 = South Line Russ Blvd.		



11' 26" 26' 74'

Park Blvd. "L"

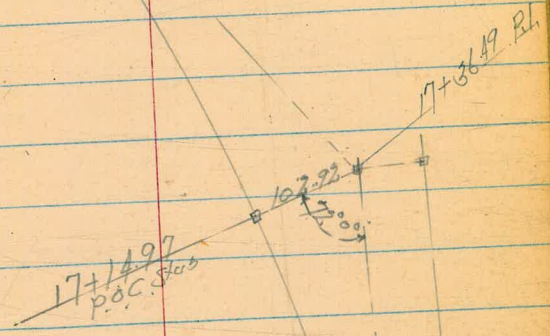
+02.59 EC	25° 15'
9+0	25° 10.16'
+50	23° 36.74'
8+0	22° 03.32'
+50	20° 29.91'
7+0	18° 56.49'
+50	17° 23.07'
6+0	15° 49.66'
+50	14° 16.24'
5+0 P.O.C. offset 15 ft.	12° 42.82'
+50	11° 09.40'
4+0	9° 35.99'

Park Blvd L

July 6. 51
H.S. 5507
Garber
Rorer
Shepard
Crainford

+50	P.O.C.	10° 58.05' ✓
18+00	P.O.C.	10° 13.08' ✓
+50		9° 30.11' ✓
+1497 = Center		9° 00' ✓ Δ 36' 00"
17+0		8° 47.14' R 2000'
+50		8° 04.17' T 699.84
16+0	P.O.C.	7° 21.19' ✓ L 1256.64
+50		6° 38.22' ✓ F 102.92
15+0		5° 55.25' ✓ D ₁ 8.5944
+50		5° 12.28' ✓
14+0		4° 29.31' ✓
+50	P.O.C.	3° 46.33' ✓
13+0		3° 03.36' ✓
+50	P.O.C.	2° 20.32' ✓
12+0	x	1° 37.42' ✓
11+50		0° 54.45' ✓
11+0		0° 11.47' ✓
10+86.65	BC/H	

23+ A3.29 FC
17+11 P.O.C.



10+86.65 BC/H. 35'

Park Blvd. 2"

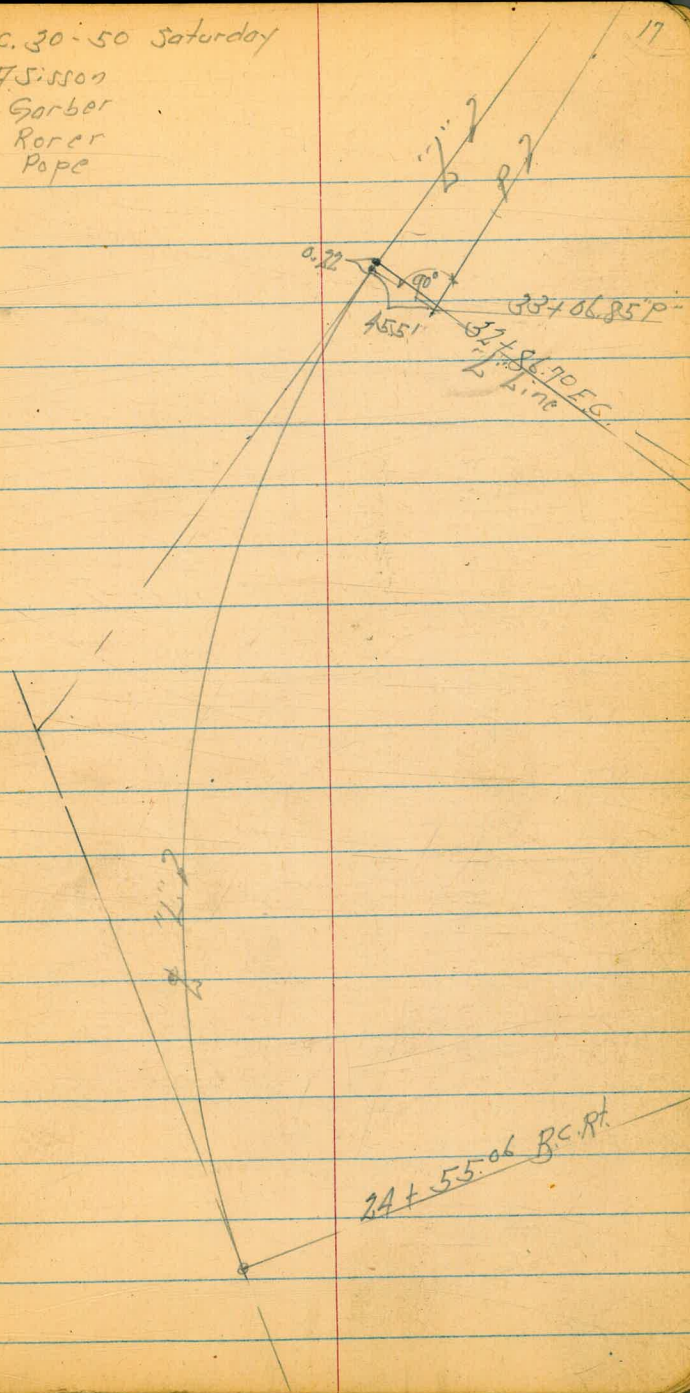
+43.29 FC	18° 00'
22+0	17° 22.86' ✓
+50	16° 39.85' ✓
22+0	15° 56.86' ✓
+50	15° 13.89' ✓
21+0	14° 30.91' ✓
+50	13° 47.94' ✓
20+0	13° 04.97' ✓
+50	12° 22' ✓
19+0	11° 39.03' ✓

Alignment of 2" Park Blvd.
 Ross Blvd. to El Prado.

+86.70 EC	28° 01.75'
+50	26° 47.53' ✓
32+0	25° 06.42' ✓
+50	23° 25.31' ✓ $\Delta 56^{\circ} 03' 30''$
31+0	21° 44.20' ✓ R 850'
+50 P.O.C.	20° 03.09' ✓ T 452.51
30+0	18° 21.98' ✓ L 831.64
+50	16° 40.87' ✓ D. 2.0222
29+0	14° 59.76' ✓
+50 P.O.C.	13° 18.65' ✓
28+0	11° 37.54' ✓
+50	9° 56.43' ✓
27+0	8° 15.32' ✓
+50 P.O.C.	6° 34.21' ✓
26+0	4° 53.10' ✓
+50	3° 11.99' ✓
25+0	1° 30.88' ✓
24+55.06 B.C.P.	

Dec. 30-50 Saturday

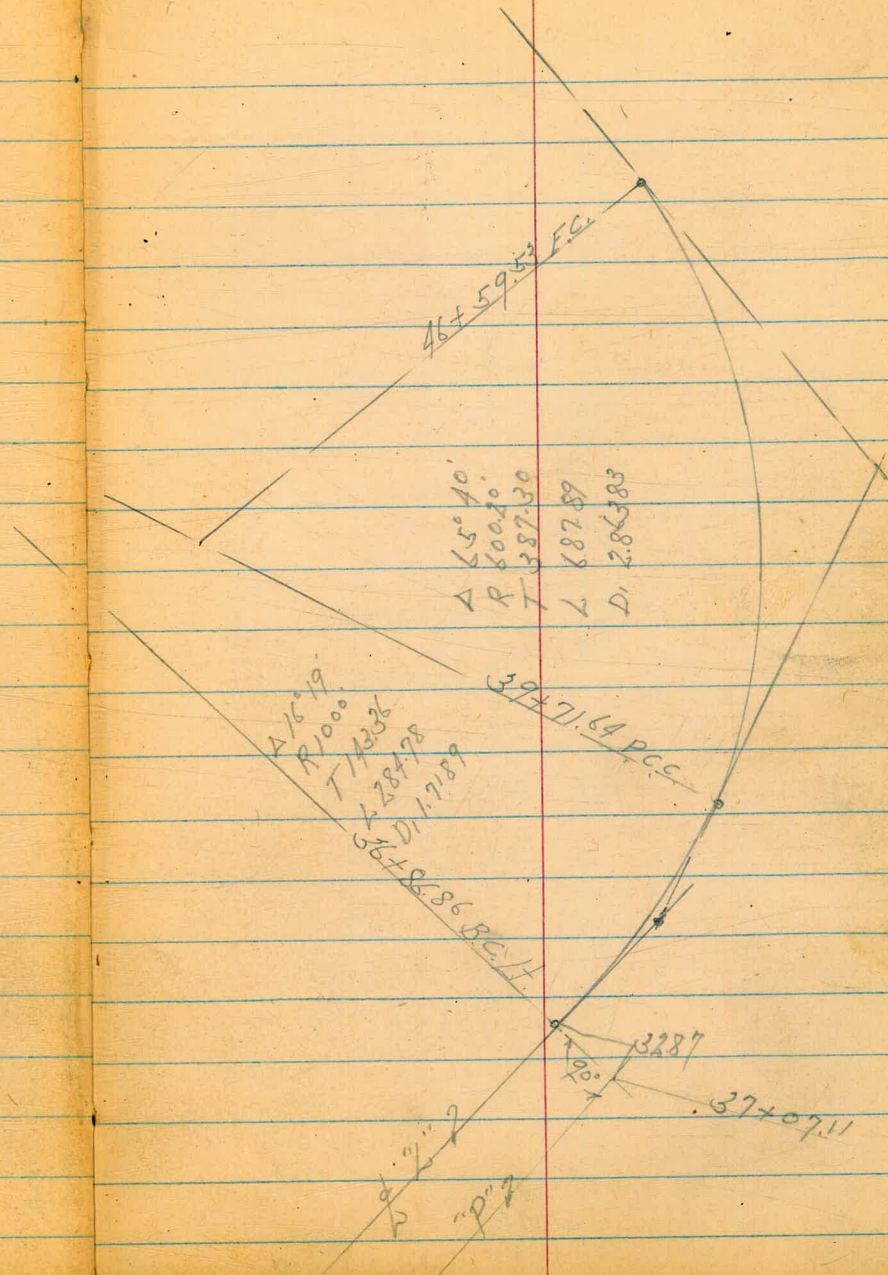
H. J. Sisson
 Garber
 Rorer
 Pope



Part Blvd L"

$\Delta 65^\circ 40'$

43+0	15° 40.36'	R 600.20
+50 P.O.C.	13° 17.19'	T 387.30
42+0	10° 53.98'	L 687.89
+50	8° 30.79'	D 2.86383
41+0	6° 07.60'	
+50	3° 44.41'	
40+0	1° 21.22'	
+71.64 P.C.C.	8° 09.50'	
+50	7° 32.30'	
39+0	6° 06.36'	$\Delta 16^\circ 19'$
+50	4° 40.42'	R 1000
38+0	3° 14.47'	T 143.36
+50	1° 48.52'	L 284.78
37+0	0° 22.59'	D 1.7189
36+86.86 B.C.H.		



Park Blvd. 2'

+59.53 FC	32° 50'
+50	32° 22.70'
46+0	29° 59.51'
+50	27° 36.32'
45+0	25° 13.13'
+50	22° 49.94'
44+0	20° 26.75'
43+50	18° 03.55'

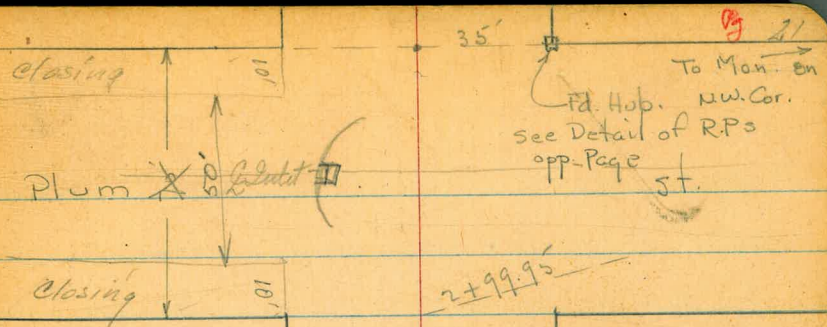
Quimby

N.W. Hub.

Plum

R.P. Hubs

Disk in Pole



2+99.95

35'

35'

5t

x 10'

35'

x 1+56.34
Cross in Drive

Quimby

43' cb. Rad

15'

25'

18'

6'

15'

Fd. td. + ct.

Willow

5t

X-Sect Quimby - from Willow to Plum

5145

w.o. 31893

1-27-51 - 7.0.

0+50

0+15

0+02-26 Rt. = 3- w.M.'s

0+01-26 Lt. = 4 w.M.

0+01-33 Lt. = 2 Gypole = J.P. 3301

0+00 = w.L. Willow

Ref. Elev. Shown in Book 1567-P.58 are O.K.

0-18 = w.cb.

Consider Willow as N.+S.

0-35 = 4 Willow

9.76 182.02 238 172.26

B.M. 1331 17464 16133 SWBP Russell + Willow

INDEXED
JAN 29 1951

183.2	181.7	176.4	176.2	175.8	175.7	175.3	176.0	176.2	176.0
+1.2	0.3	5.6	5.8	6.2	6.3	6.7	6.0	5.8	6.0
50	35	33	18	15		16	19	35	45

181.5	180.1	174.3	173.8	173.1	172.9	173.1	173.6	173.7	172.9
0.5	1.9	7.7	8.2	8.9	9.1	8.9	8.4	8.3	9.1
50	40	35	20	17		17	19	35	45

172.8	173.22	173.15	172.29	172.22	172.20	171.93	171.34	172.11	172.16	172.4
8.2	8.70	8.87	9.73	9.70	9.82	10.09	10.68	9.91	9.86	9.6
35	32.2	Top	24.8	13		13	25.3	Top	33	35
	cor. walk		gut				gut		cor walk	

173.91	173.13	172.71	172.36	172.02	171.66	171.22	169.92	170.68
8.11	8.89	9.31	9.66	10.00	10.36	10.80	12.10	11.34
60	60	35	17		17	35	60	11.34
Top	gut						gut	Top

173.26	172.49	172.13	171.70	171.40	170.90	169.94
8.76	9.53	9.89	10.32	10.62	11.12	12.08
60	35	17	on M.H.	17	35	60
				182.02		

1+73- 35' Lt = wly. Dr. + Beg. Conc. Block wall

179.60	179.43	179.07							
1.17	1.34	1.70	Dr.						
50	35	35							
floor	Top								
Gar.	wall								
179.10	178.2	177.6	177.6	177.7	178.2	178.2	178.8	178.9	
1.67	2.5	3.1	3.1	3.0	2.5	2.5	1.9	1.8	
35	19	16		17	20	34	38	45	
Dr.									

1+70

1+69- 35' Rt. = wly. Dr.

1+58- 35.1 Lt. = Ely. Conc. Dr.

1+56- 34.8' Rt. = Ely. of Conc. Dr.

179.66	179.28	178.94	179.12
1.11	1.49	1.83	1.65
50	35.7	35	50.6 = floor
floor	Dr.		
Gar.			
178.96	179.14		
1.81	1.63		
34.8	50.5		
Dr.	floor		
	Gar.		

T.P. 2.03. 180.77 3.28 178.74

1+40- 35.1' Rt. = E 9' Conc. Dr.

183.2	182.8	179.6	179.3	178.6	178.7	179.1	179.98	179.48
+1.2	+0.8	2.4	2.7	3.4	3.3	2.9	2.54	2.54
50	40	35	19	16		17	35.1	50 = Dr.
							Dr.	

1+20- 26.8' Rt. = E 4' Brick walk

179.52	179.52	179.62
2.58	2.50	2.40
26.8	35	47.7 = porch
walk		

1+10

183.6	183.3	179.3	179.1	178.5	178.6	178.5	179.1	179.6	179.6
+1.6	+1.3	2.7	2.9	3.5	3.4	3.5	2.9	2.4	2.4
50	40	35	18	16		16	20	35	45

1+01- 25.9 Lt. = E P. pole # 3315

183.7	182.6	178.6	178.1	177.7	177.7	177.4	177.9	178.0	177.6
+1.7	+0.6	3.4	3.9	4.3	4.3	4.6	4.1	4.0	4.4
50	40	35	19	16		16	20	35	45

0+80

2+35 = E

2+99.95 = E.L. Plum

2+99-26 Lt. = E Goy Pole # 3399

T.P. +367. 171.40 13.04 16773

2+71^E See page 25

2+60

2+56^E see page 25

2+30

2+09-356 Rt. = E 8' Conc. Dr.

2+00-26.1 Lt. = E P. pole # 3329

2+00-35 Lt. = end wall

Lt. E Rt.

161.9	162.5	163.2	163.8	164.4	164.8	166.4	166.7
9.5	8.9	8.2	7.6	7.0	6.6	5.0	4.7
50	35	17		17	30	35	50

165.8	164.5	162.9	162.9	163.0	163.3	163.9	167.5	169.9	170.5
5.6	6.9	8.5	8.7	8.4	8.1	7.5	3.9	4.5	0.9
45	35	30	17		17	30	35	38	45

169.0	168.7	168.4	167.8	171.40	167.7	168.0	168.8	168.9	174.0	174.6
11.7	12.0	12.3	12.9	13.0	12.7	11.9	11.8	6.7	6.1	
45	35	19	17		16	18	35	38	45	

171.7	171.8	171.9	171.4	171.6	171.7	172.3	173.1	175.8	176.8
9.0	8.9	8.8	9.3	9.1	9.0	8.4	7.6	4.9	3.9
45	35	19	17		16	18	32	35	45

177.34	177.71
34.3	30.6
35.6	50.6 = floor
Dr.	Grav.

176.0	179.36	176.7	175.5	174.8	175.0	175.2	175.9	176.4	178.3	178.2
4.7	1.41	4.0	5.2	5.9	5.7	5.5	4.8	4.3	2.4	2.5
50	35	35	19	16		16	18	33	35	45
	top wall									
180.77										

INDEXED

APR 23 1951

Lt.

±

Rt.

35.7
18.7
17.0

2+56^E + 2+71^E Taken 8/17/51 ~~OK~~

2+71^E 35² Rt. = end apron to Gar.

(Elev. from 50^E Rt of 2+09 EL = 177.71)
Conc. floor

2+56^E 35² Rt. = start. Conc. apron to Gar

171.02 173.68
35² 50.7
Apron Bar. floor

EL = 170.96 173.70
35² 50.7
Apron Bar. floor

SE Cor.

Set. B.M. spike in Pole

7.49 163.91

3+90 = Point of fill

153.3	159.4	160.3	161.9	162.8	162.2	159.5	159.3	160.1
18.1	14.0	11.1	9.5	8.6	9.2	11.9	12.1	11.3
45	35	28	17		15	28	35	50

3+69.95 = W.L. Plum

157.6	162.1	162.9	163.7	164.3	161.9	161.3
13.8	9.3	8.5	7.7	7.1	9.5	9.1
50	35	17		17	35	50

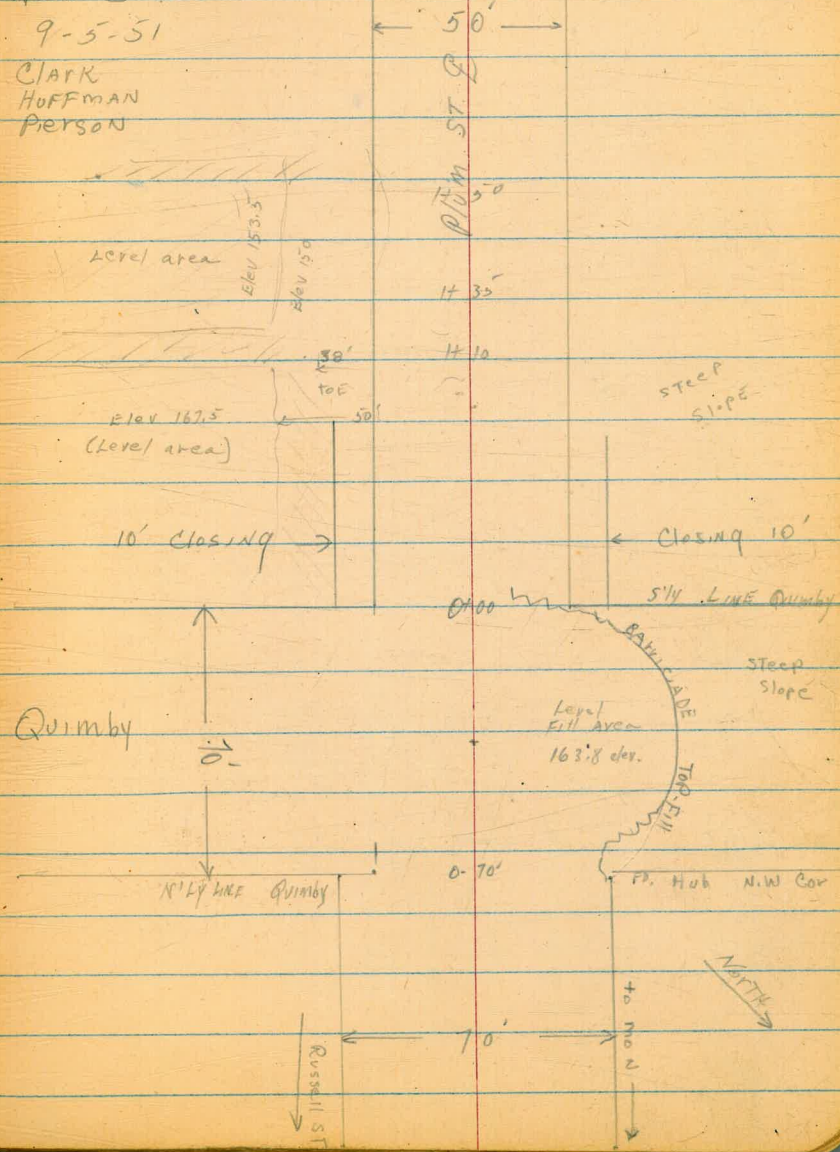
171.40

X-SECT Plum, Sly Quimby

W.O. 31893

9-5-51

CLARK
HUFFMAN
PERSON



Clavik
Huffman
Pierson
N.O. 31893
9-5-51

X-sect. Plum, Sly Quimby

INDEXED

SEP 6 1951

27

Lt

Rt

0+27

168	167.6	165.6	163.5	159.5	157.5	142.6
50	35	25		18	38	70
				Top Fill	Top Fill	

0+17

167.8	167	164.4	163.5	161.5	158.8	158	151.5
50	25	15	0	6	25	30	45
					Top Fill	Top Fill	Top Fill

0+15

167.8	166.8	164.2	163.7	161.7	160.7	157.2	153.4	143.4
50	25	13	4	0	25	28	42	78
					Top Fill	Top Fill	Top Fill	

0+12

6' RT to ^{Sly} END Barricade

0+00

Sly LINE Quimby
27' RT to BARRICADE

170	165	162.4	162.3	162.3	160.8	150.8	140.2
85	50	25	0	25	44	74	100
					Top Fill	Top Fill	

0-09

36.3' LEFT to Pole #3399

0-35

S Quimby + S Plum
49' RT to BARRICADE

166.7	164.1	163.8	163	161.8	152	137
50	25	0	35	58	77	127
				Top Fill	Top Fill	

0-60

167.6	164.6	164.4	164.4	163.4	158.3	153.1	146.4
50	25	0	35	43	60	90	120
				Top Fill	Top Fill		

0-64

21' RT to ^{Nly} END BARRICADE

0-70

Nly Quimby

170	168.3	166.3	165.6	161.8	154.9	144.0	137.2
50	25	0	21	35	88	132	162

B.M. SPIKE IN Pole S.E. CORN (SEE Pg. 25) 163.91
(Direct Elevation Rod)

Clark
Huffman
Pierson
W.O. 31893
9-5-51

X-SECT Plum, sly Quimby (CONTINUED)

L
Plum
R

OK S.W. B.P. Russell + Willow 161.36 = 161.33

1+50

154.4	154	141.6	139.3	128.2	121.5	118.8	113.3
75	42	25	0	25	45	56	75
	Top Level Area	Top Level Area					

1+35

153.5	153.5	150	143.0	132	125.7	119.7
50	32	25	0	25	50	75
	Top Fill	Top Slope				

1+10

38' left to top slope, begin
Level-cut area to left of Plum elev 153.5

1+00

167.5	167.5	154.8	153.5	150.0	147.	124.6
75	60	38	25	0	25	90
	Top Fill	Top Slope				

0+50

Top of Fill on R Plum

167.5	167.5	161.4	160.2	160.2	155.1	153.6	146.2	125.4
75	50	33	25	16	0	15	50	115
	Top Fill	Top Fill						

Indexed

New Sections on 20' Alley - Block 51
City Hts. - See Book - 1735 - P. 24 for
sketch + Orig. Sections + Improvements + Trees + Poles, etc.

5724

10-6-51 - 7.0.

W.D. 25020

1+75

31.4 33.2 36.3 36.6 36.5 35.9 35.6
15 10 4 7 10 12
Toe

1+50

31.5 33.2 36.5 36.7 36.8 38.2
12 10 4 10 20

1+28

34.4 36.9 36.9 37.0
10 5 10

1+00

33.6 36.3 37.8 37.6 39.2 43.4
15 10 8 10 15

0+50

40.1 40.6 42.1
10 10

0+31

40.6 40.6 41.6 43.1
10 9 10
wood wall

0+00 = N.L. Wightman

41.63 41.5 41.7 42.1 42.35
Top 10.2 9.7 Top
cb. ground. cb.

Elev. Rod Used - Elev. shown

Orig. sections are O.K. from here

3+30

3+00

2+75

2+63

2+53.2 - 2.8 Rt. = ± St. Drain M.H.

Note: inlet of pipe is higher than wash - 33.9 = Elev. of wash

2+50

2+25

2+00

Lt.

±

Rt.

50

48.0 47.3 47.2
10 10

45.7 46.2 46.4 46.2 45.0 42.2
10 6 6 10 15

44.9 45.1 44.8 39.5 36.2
10 4 10 20

42.3 42.0 42.0 38.4 33.4
10 2 10 20

41.32 = Top 35.15
2.8 12.8 = I.E.
1" pipe

39.2 38.3 37.6 35.8 33.6
10 5 10 15

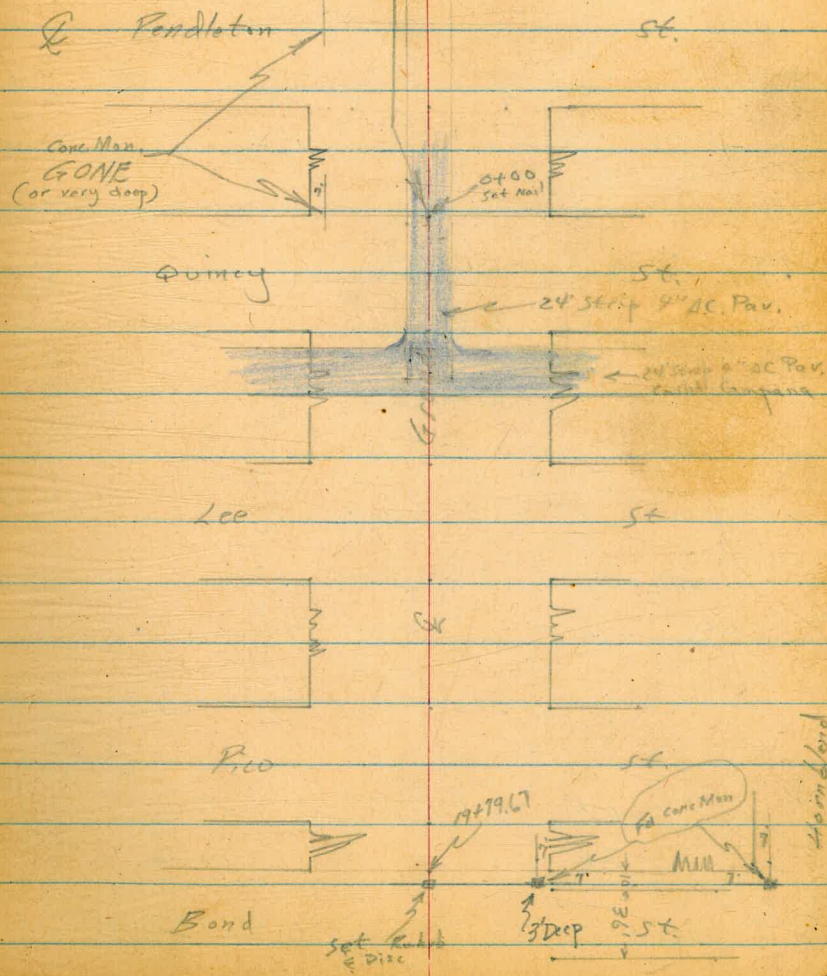
36.7 36.7 36.2 36.0 33.8 33.7
15 10 4 10 15

32.7 33.8 35.8 36.1 36.1 34.6 33.6
18 = Toe 10 4 5 10 13 = Toe

Roberts
Cota
Moore
Pullen
10-22-51
W025020

X-Section Grand Ave.
Quincy to Bond
For Grade Establishment Only
TP 20 pg 61 & 66

INDEXED
Raw
OCT 25 1951



Cont'd From Page 31

1765

TP

2.75

9.72 π

11.04

5.97

1700

0700 w/y Line Quincy

6-100

0-200

TP

1.21

17.01 π

11.53

15.80

TP

1.88

27.33

12.91

25.45

BM

1.44

38.36

3692 NWBP

LT

Q

RT

522

6.6	6.4	6.4	7.28	6.77	7.24	4.8	4.3	4.1
3.1	3.3	3.3	2.44	2.75	2.48	4.9	5.4	5.6
80	62 $\frac{1}{2}$	23	12		12	70	62 $\frac{1}{2}$	75

9.72 π

7.3	7.2	7.0	8.21	7.64	8.21	5.4	4.9	4.8
7.7	9.8	9.7	8.80	9.37	8.89	11.6	12.1	12.2
75	62 $\frac{1}{2}$	28	12		12	40	62 $\frac{1}{2}$	75

9.6	9.3	9.2	9.17	8.9761	9.47	9.3	7.4	6.6	6.4
7.4	7.7	7.8	7.54	8.04	7.54	7.7	7.6	10.4	10.6
80	62 $\frac{1}{2}$	50	12	on trail	12	16	30	62 $\frac{1}{2}$	80

10.92
6.09

12.97
10.4

17.01 π

Garnet & P. Station (Walker's BM - 0.19' off of other city BM)

Cont'd From Page 32

6+00

5+00

4+00

3+00

2+55^E

Ely Edge Strip (End Pav.)

2+43^E

♀ Pav Strip

2+31^E

Wly Line AC Pav. (Campana)

9.72 π

2+

2

27

533

4.7
5.0

5.1	4.8	4.5	3.6	3.6
4.6	4.9	5.2	6.1	6.1
100	62 ^E		62 ^E	80

4.3
5.4

5.9	5.6	4.7	3.6	3.6
3.8	4.1	5.0	6.1	6.1
75	62 ^E		62 ^E	75

6.31	5.90	5.30	4.73	4.23
3.41	3.12	4.42	4.77	5.47
100	62 ^E		62 ^E	100

5.91	5.62	5.14	4.42	3.98
3.81	4.10	4.56	5.36	5.74
100	62 ^E		62 ^E	100

6.25	5.91	5.26	4.53	4.22
3.47	3.81	4.46	5.19	5.54
100	62 ^E		62 ^E	100

9.72 π

Cont'd From Page 33

11+00

T.P.

431 8.46~~7~~ 5.34 4.15

10+00

9+00

8+00

7+00

T.P.

5.55 9.49~~7~~ 5.78 3.94

9.72~~7~~

Lt

R

Rt

34

^{11.3} 1/2 / 100 ^{11.0} 4.5 / 62.5 ^{5.5} 5.2 ^{2.7} 5.8 / 62.5 ^{2.3} 6.2 / 100

8.46~~7~~

^{5.1} 5.8

^{4.9} 4.6 / 100 ^{4.8} 4.7 / 62.5 ^{4.5} 5.2 ^{3.4} 6.1 / 62.5 ^{3.6} 6.3 / 100

^{11.3} 5.2

^{5.1} 4.4 / 100 ^{4.9} 4.6 / 62.5 ^{4.6} 4.9 ^{4.2} 5.3 / 62.5 ^{3.7} 5.8 / 100

9.49~~7~~

Cont'd From Page 34

13+02

Creek Bottom

^{3.2} 7.2 100	^{2.8} 7.8 62E	^{3.8} 8.8	^{4.1} 9.1 62E	^{4.6} 9.6 100
------------------------------	------------------------------	-----------------------	------------------------------	------------------------------

T.P.

129

5.04π

4.71

3.75

5.04π

12+75

Top Bank Rose Canyon creek

^{3.3} 5.2 100	^{2.9} 5.6 62E	^{3.7} 4.8	^{3.6} 4.9 62E	^{3.8} 4.7 100
------------------------------	------------------------------	-----------------------	------------------------------	------------------------------

12+30

^{3.6} 4.7 100	^{3.4} 5.1 62E	^{3.1} 5.4 35	^{4.1} 4.1	^{4.0} 4.5 62E	^{3.8} 4.7 100
------------------------------	------------------------------	-----------------------------	-----------------------	------------------------------	------------------------------

12+15

^{3.8} 4.7 100	^{3.4} 5.1 62E	^{3.0} 5.5	^{2.9} 5.7 15	^{4.7} 3.8 22	^{4.1} 4.4 62E	^{4.1} 4.4 100
------------------------------	------------------------------	-----------------------	-----------------------------	-----------------------------	------------------------------	------------------------------

12+00

^{2.9}
5.6

11+20

^{4.3} 4.2 100	^{4.0} 4.5 62E	^{3.4} 5.1	^{2.9} 5.6 20	^{4.7} 3.8 35	^{4.8} 3.7 62E	^{4.8} 3.7 100
------------------------------	------------------------------	-----------------------	-----------------------------	-----------------------------	------------------------------	------------------------------

846π

846π

Contd From Page 35

16+00

Back 10' Fall same as 14+70

65yd T/RT

15+00

14+70

14+65

TP

6.16

10.51 π

0.69

4.35

10.51 π

14+92

Top Bank

14+20

Bottom Creek

5.04 π

lt

8

Re

0.8

-1.2

167

100

5.6	5.7	5.5	5.5	5.3	5.4	2.6	1.9	2.0	1.2
6.9	6.8	7.0	5.0	5.2	5.1	7.9	8.1	8.5	11.7
100	62 $\frac{1}{2}$	10	3		17	23	62 $\frac{1}{2}$	71	77

6.4
4.1

3.9	3.3	4.4	5.8	5.6	4.3	3.8	3.2
6.6	7.2	6.1	4.7	4.9	6.2	6.7	7.3
100	62 $\frac{1}{2}$	5		15	18	62 $\frac{1}{2}$	100

3.9	3.3	4.4	5.8	5.6	4.3	3.8	3.2
6.6	7.2	6.1	4.7	4.9	6.2	6.7	7.3
100	62 $\frac{1}{2}$			62 $\frac{1}{2}$		100	

3.5	3.4	4.0	3.8	3.1
1.5	1.6	1.0	1.2	1.9
100	62 $\frac{1}{2}$		62 $\frac{1}{2}$	100

2.8	2.9	3.8	3.8	4.6
7.1	7.9	8.1	8.8	9.6
100	62 $\frac{1}{2}$		62 $\frac{1}{2}$	100

5.04 π

Cont'd. From Page 56

19756

^{3.4} 2.8 100	^{2.1} 4.1 62.5	^{1.0} 6.2	^{0.3} 5.9 62.5	^{0.5} 5.7 100
------------------------------	-------------------------------	-----------------------	-------------------------------	------------------------------

19750

^{3.4} 2.8 100	^{2.1} 4.1 62.5	^{3.4} 2.8 11	^{3.3} 2.7	^{3.3} 2.9 10	^{0.4} 5.8 16	^{0.3} 5.9 62.5	^{0.5} 5.7 100
------------------------------	-------------------------------	-----------------------------	-----------------------	-----------------------------	-----------------------------	-------------------------------	------------------------------

19700

^{4.1}
2.1

T.P.

179

6.23A

6.07

4.44

6.23A

18757

6.23 4 x 8' Conc Drive (Single Garage)

^{4.26} 6.25 77 Floor	^{3.41} 7.16 62.5 conc
--	---

18700

^{5.5} 7.0 100	^{5.2} 7.3 62.5	^{2.9} 7.6 13	^{4.9} 5.6 6	^{4.8} 5.7	^{4.3} 6.2 20	^{2.7} 7.8 24	^{1.4} 9.1 57	^{-0.2} 10.7 62.5	^{-0.1} 11.2 100
------------------------------	-------------------------------	-----------------------------	----------------------------	-----------------------	-----------------------------	-----------------------------	-----------------------------	---------------------------------	--------------------------------

17700

^{5.2}
5.3

10.37A

10.51A

Check

5.13

1.10 = 1.03

BPConc Man NW Cor Bond & Grand

See page 54 F81647

20+25.67

E. Cb Line

1.3	1.79	0.8	1.30	1.0	-0.2	0.4
4.9	4.44	5.4	4.8	5.2	6.4	5.8
162 ³	162 ³	62 ³	62 ²		62 ²	100
Dirt Cut	cb	Dirt Cut	cb END			

19+89.67

w. Cb Line

1.2	1.82	0.6	1.17
5.0	4.41	5.6	5.06
162 ³	162 ²	62 ²	62 ²
Dirt Cut	cb	Dirt Cut	cb END

19+79.67

West Line Bond

3.3	2.7	1.3	1.6	0.3	0.8
2.9	3.5	4.9	4.6	5.7	5.4
100	62 ²	55		62 ²	100

623A

623A

Roberts
Cota
Moore
Tolbo
10-24-51
W.O. 25020

1/2 Section Oliver St.
Pendleton to Quincy

TR 20 Pg 19

INDEXED
OCT 25 1951

Pendleton

54
Fd. Conc. Mon. 54.80

40' 70' 40' 0100

Oliver St

Fd. Conc. Mon. 2498.20 - I.P. Dist. not chained

Quincy

54 60'

Mission Bay Park

2+00

5.7^{-0.4}

1+00

5.4^{-0.1}

0+00 Ely Line Pendleton

5.7^{-0.4}
40

5.7^{-0.4}

5.8^{-0.5}
40

Set BM Conc. Mon & Oliver Ely 1/2 line Pendleton -6.48 = -1.18 Elev.

-1-00

5.9^{-0.6}

-2-00

6.0^{-0.7}

TP 3.40 5.30 ~~T~~ 62* 1.90

5.30 ~~T~~

TP 4.43 8.14 850 3.71

BM 3.24 12.21 897 Nail Q

Grand & Wly Line Quincy See page 32

Contd From Page 40

Lt

S

Rt

41

check

3.20 8.98 = 8.97

T.P.

8.41

12.18

456

3.77

T.P.

6.57

8.33

3.54

1.76

4+98.2

6.0^{-0.1}

3+98.2

5.7^{-0.1}

2+98.20 wly Line Quincy

5.30↑

5.7^{-0.4}
40

5.7^{-0.4}

5.8^{-0.5}
40

5.30↑

Roberts
Cota
Moore
Fillen
4-45
W.O. 250

Pc-X-Section Grand Ave. (for Fill)

Sta 5+28.0 to 12+12.0

See page 31

INDEXED
Summer
DEC 16 1952

9+00

4.8	4.8	6.5	6.4	6.1
6.5	6.5	4.8	4.9	5.1
62E	45	36		62E

8+00

6.1
5.2

7+00

4.8	4.9	6.6	6.3	6.1
6.5	6.4	4.7	5.0	5.1
62E	45	38		62E

6+00

6.6
4.7

5+37

4.5	4.6	6.1	6.5	6.0
6.8	6.7	4.6	4.8	5.3
62E	45	35		62E

5+28

Toe of Fill

4.7	4.5	4.3	5.6
6.6	6.8	7.0	7.7
62E	40		62E

BM

6.8

11.3 π

4.5

Q at 5+00

11.3 π

LE

Q

R+

42

Cont'd From Page 42

Lt

E

Rt

43

check

7.4 3.7 = 3.7

Sta. 12+75

12+12 Top of Fill

3.3	3.8	3.2	4.1
7.8	7.7	7.9	7.0
62E	45		62E

12+06

3.3	3.4	5.9	5.9	6.3
7.8	7.7	5.2	5.2	4.8
62E	45	40		62E

12+00

5.9
5.2

11+00

3.9	3.9	6.2	6.1	5.1
7.2	7.2	4.9	5.0	5.2
62E	46	40		62E

10+00

6.5
4.6

T.P.

3.6 11.1A 3.8 7.5

11.1A

11.3A

INDEXED
Survey
DEC 18 1957

Roberts
Cota
Moore
Pollen
3-31-53
W.O.# 31985

X-Section Redwood Street
Nile to Vancouver

INDEXED
Law

APR 1 1953

Vancouver: ∞

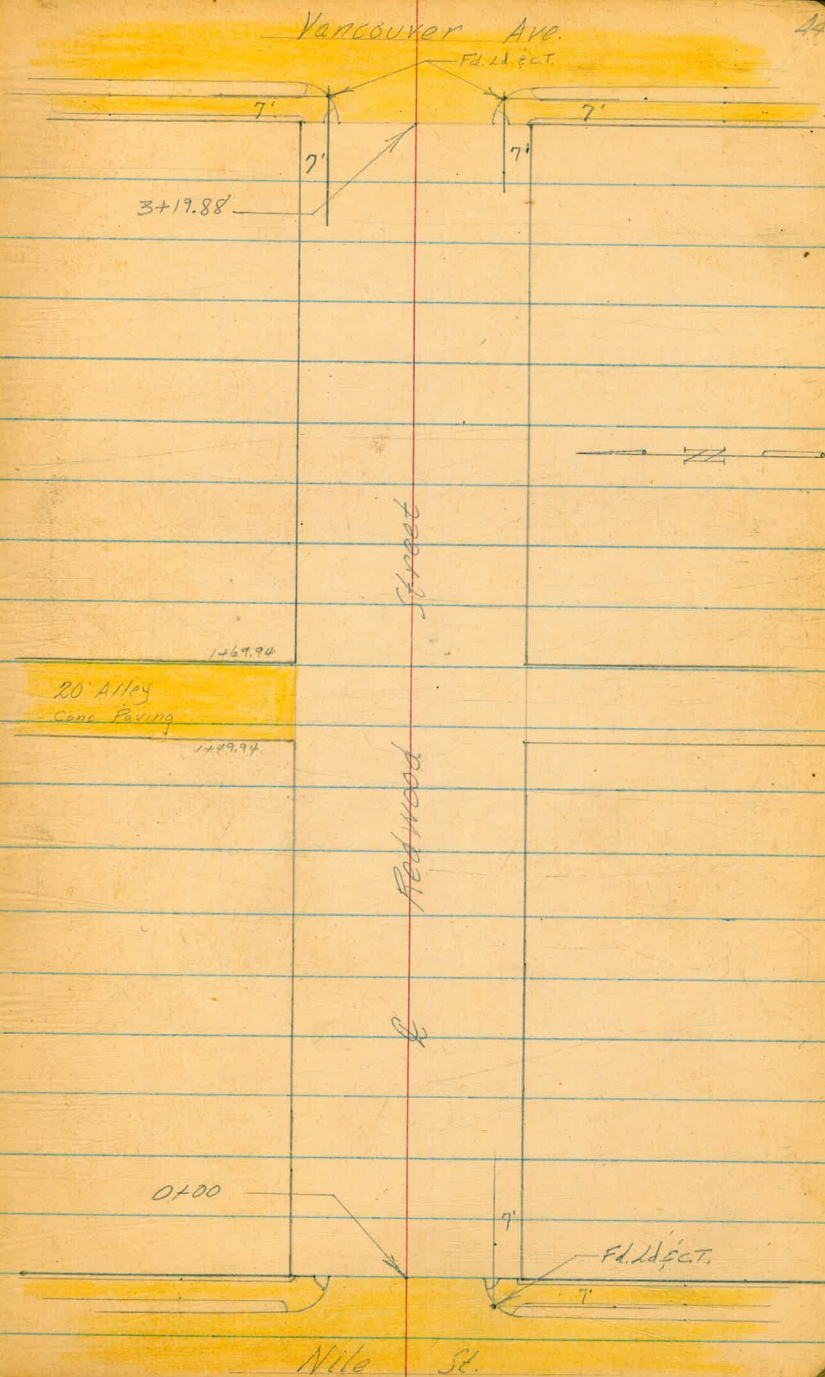
60' Street
10' Roadway
Cons. Paving
10' Curb Radii
4' Cb. Face to walk
5' Walk

Nile: ∞

60' Street
10' Roadway
Cons. Paving
10' Curb Radii
4' Curb face to walk
5' Walk

Redwood: ∞

60' Street
10' Roadway
Unimproved
4' Curb face to walk
5' Walk



0+39 18³/₄ Lt Q 15' Conc Walk

117	177	18	2.45	288
305	302	26	26	192
conc	conc	conc	conc	conc

296.10
295.50
295.34
294.82
294.39

0+02⁵ 29' Lt End brick Retaining wall

2.4	3.5	3.3
29	29	29
Top	Foot	GRD.

294.9
293.8
294.0

East Property Line Nile = 0+00

0-01 29' Lt begin brick retaining wall

2.4	3.9	3.70	3.61	3.68	4.40	4.31	4.42	4.87	4.31	4.73	4.64	4.61
29	29	29	29	30	30	30	10	10	20	20	24	29
Top	Foot	Walk	cb	Grd					Grd	cb	Wall	

294.9
293.4
293.57
293.66
293.59
292.87
292.96
292.85
292.38
291.96
292.54
292.63
292.66

East Curb Line Nile

3.10	3.70	3.57	4.12	3.82	4.39	4.60	4.95	5.30	5.44	4.91	5.85	5.15	6.77	Drive
30	30	50	50	30	30	20		20	30	30	50	50	70	70
cb	Grd	cb	dirt	cb	dirt				Grd	cb	Grd	cb	Grd	cb

294.17
293.57
293.70
293.15
293.45
292.88
292.67
292.32
291.97
291.83
292.46
291.44
292.12
290.50

Q Nile Street

Reduced by
H.H.
4-2-53

3.44	4.15	3.82	5.91	6.87
100	50		50	100

293.83
293.12
292.21
291.36
290.40

T.P. 345 297.27 N 972 29382 297.27 N

B.M.

356 30354

(299.98 checks with
Bench book
H.H.)

SWBP
299.98 #16 E Redwood
Vancouver
(Please check in office
Bench book!)

Cont'd From Page 45

1+295 26' Rt 2' Conc

28' Lt to fence atop board Ret. Wall

1+28 19' Lt 2' Conc Walk

1+09 30' Lt begin Picket fence atop a board Ret. Wall.

1+00

0+96 { Apron 14' wide AL. Apron - Laid rough!
43' Lt 2' Double Garage

0+78 45' Rt 2' Single Garage

T.P. 875 30 314 π 288 294.39

0+69 28' Rt End Picket fence

0+50

0+46⁵ 28' Rt begin Picket fence

297.27 π

Lt

Rt

Rt

46

299.20
3.94
33' Conc

299.01
4.13
28' Conc

298.46
4.64
28' Conc

297.88
5.26
19' Conc

297.84
5.30
26' Conc

298.08
5.06
30' Conc

298.64
4.50
30' Conc

299.81
4.33
37' Conc

298.9
4.2
40

298.0
5.1
30

295.4
7.7
14

295.6
7.5

294.9
8.2
17

296.4
6.7
21

297.1
6.0
30

299.6
5.5
40

299.23
3.91
43' Conc Floor

297.91
5.23
30' A.C.

295.39
7.5
10' A.C.

296.5
6.6
45' Dirt

303.14 π

297.0
0.3
40

296.8
0.5
30

294.8
2.5
20

293.3
4.0
16

293.6
3.7

293.0
4.3
17

294.5
2.8
21

295.8
1.5
30

296.1
1.2
40

297.27 π

Cont'd. From Page 46

2+50

2+44 30' Rt & 25' Conc Walk

2+00.

1+75 21' Rt to center Fire Hydrant

1+69⁹⁴ East Line Alleys

1+59⁹⁴ E Alleys

1+49⁹⁴ { 30' Lt End P. Pole fence atop board Ret. Wall
West Line alleys

1+49 22' Lt to center P. Pole # P3575

303.14A

Lt

301.7	300.9	300.3	299.4
1.4	2.2	2.8	3.7
40	30	21	18

Rt

299.4	299.1	300.3	300.5	301.1
3.7	4.0	2.8	2.6	2.0
17	22	30	40	

300.74
2.4
40
conc

301.09
2.05
40
conc

301.7	301.0	300.5	299.9	299.7	298.8	298.7	298.1	298.1	299.6	299.9	300.2
1.4	2.1	2.6	3.2	3.4	4.3	4.4	5.0	5.4	4.0	3.2	2.9
40	33	30	28	20	17	17	17	16	21	30	40

299.82
3.32
50
conc

299.22
3.92
30
conc

298.3
4.1
16

298.1
5.0

297.7
5.4
16

299.1
4.0
20

299.2
3.9
30

299.4
3.7
50

299.57
3.63
50
conc

298.82
4.32
30
conc

297.9
5.2
15

297.7
5.4

298.5
5.6
17

298.7
4.4
30

299.3
3.8
50

299.80
3.74
50
conc

299.06
4.08
30
conc

297.4
5.7
15

297.4
5.7

297.1
6.0
16

298.5
4.6
22

298.7
4.4
30

299.0
4.1
50

303.14A

Cont'd From Page 47

Check

4.95 299.98 = 299.98

£ Vancouver

+30

West Curb Line Vancouver +10

3+19.88 = West Line Vancouver Ave.

3+18 22³ Rt to center P. Pole # P3599

3+00

T.P. 5.03 304.93 π 3.24 299.90

2+92 29⁹ Rt £ 3⁵ Conc. Walk

2+61⁵ 29⁹ Rt £ 3⁵ Conc. Walk

303.14 π

Lt

£

Rt

#

	300.97				
	3.76	1.57	5.12	2.99.81	2.99.33
	100	50		50	100

	300.51	300.49	299.92	299.81	299.72	299.47	299.40	300.04	298.76	299.42
Drive	4.42	4.44	5.01	5.12	5.21	5.46	5.53	4.89	6.17	5.51
80	80	30	30	20		20	30	30	30	30
cb.	cutt.	cb.	cutt.				cutt.	cb.	cutt.	cb.

	300.73	300.62	300.60	299.87	299.92	299.90	299.71	299.51	300.04	300.06	300.15
4.20	4.31	4.33	5.06	5.01	5.03	5.22	5.42	4.89	4.87	4.78	
29	29	20	20	10		10	20	20	24	29	
Walk		cb.	cutt.				cutt.	cb.	Walk		

	301.7	301.5	300.3	299.6	299.7	299.4	300.5	300.8	301.3
3.2	3.4	4.6	5.3	3.2	5.5	4.4	4.1	4.1	3.6
40	30	20	19		18	21	30	40	

304.93 π

	300.15	301.34
2.99	1.80	
2.93	4.0	
conc.	conc.	

	300.99	301.34
2.15	1.80	
2.99	4.0	
conc.	conc.	

303.14 π

X-sec Boundary - Lincoln to Orange

4-29-53
WOF 32229

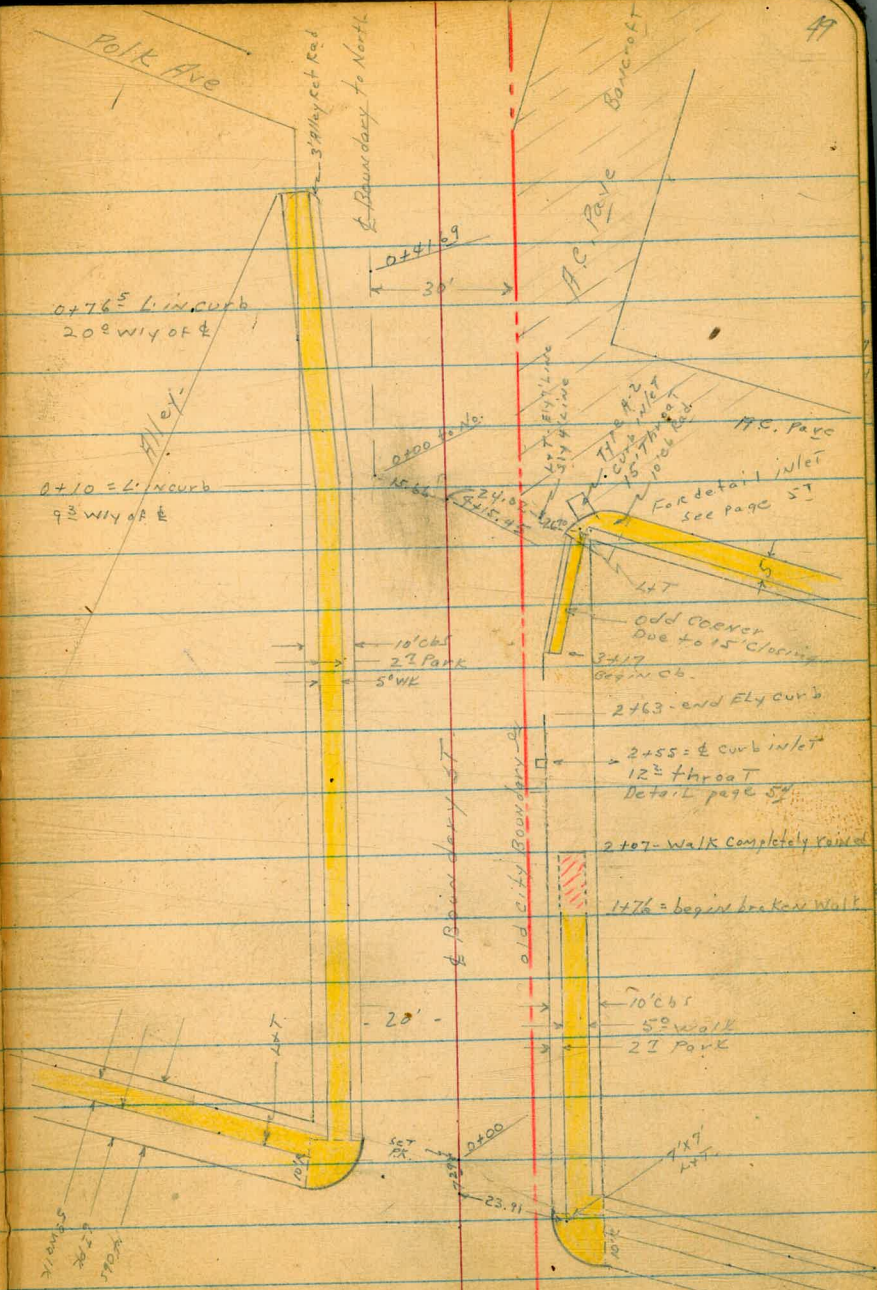
Allen
D. Sisson

A. Powell

Ref. TP 23, FB 1173, 1125, 1113

T.P. Sheets 3567, 3558, 323, 3568

INDEXED
Law
MAY 1 1953



X-sec Boundary ST. Lincoln to Orange

LT = Wly

RT = Ely

51

0+04² = E.C. NW Ret 90° to E Boundary

0+00 Nly Line Lincoln - section taken 90° to E Bdy

Cold lay spread over intersection at 0+00

0-11⁵ R+L E to Ely. curb P.C.

Boundary Street roughly paved with 1" cold lay.

Section taken on skew along curb line

0-14² = Nly curb line Lincoln Ave

NW 7/4th LINCOLN & Bdy

TP₂ 6.72 348.09 3.57 341.37

348.09 T

TP₁ 7.56 344.94 1.87 337.38

BM. 5.81 339.25 B.F. NW. ORANGE Bdy. 333.44

	342.84		342.04						
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.19	341.91	341.67	341.23	340.89	341.31	341.50
	525	598	590	618	642	686	720	678	657
	21 ⁰	21 ²	20	10	6	10	19 ²	19 ²	27 ²
	cb	60T					60T	cb	WR
	342.84	342.16	342.						

X-sec Boundary - Lincoln to Orange

LT = wly

Rt = ely

52

1450

526	546	62	64	755	700	697	697
275 BK WK	200 CB	200 GOT		200 LIP DR	228 BRK	275 WK	275 DR

344.15	343.76	343.59	342.95
510	549	566	630
275 DR	275 Back WK	228 BRK	200 LIP

1417-20° LT = 4 11' Wide Conc Drive

341.57	342.09	342.16	342.16
768	716	709	709
200 LIP	228 BRK INDR	275 BRK WALK	275 DR

1412-20° Rt = begin Drive for 4 car garage

NE 7140T - LINCOLN
+ 1047-

TP3

7.88 349.25 6.72

341.37

349.25

1400 20° Rt = end Driveway for 4 car garage

343.62	343.42	342.7	342.5	341.89	342.02	342.03
447	467	54	56	660	620	607
275 WALK	200 CB	200 GOT		200 LIP	228 BRK INDR	275 BRK WALK

0450

343.24	343.11	342.2	342.2	341.26	341.75	341.84
485	498	59	59	681	634	625
275 BK WK	200 CB	200 GOT		200 LIP DRIVE	240 BRK INDR	275 BRK WALK

0447-20° Rt = begin Driveway for 4 car garage

348.09

341.27	341.68	341.87
682	641	634
200 LIP	240 BRK	275 BRK WALK

X-sec Boundary

2+50

344.65	LT = W114	342.6	343.4	Rt = e1y	53
460		62	59	342.05	342.92
27 ⁵		20		720	620
WK		CB		200	200
		60T		at	CB
				Throat	
				60T	22 ³
					Back
					of inlet

2+22 - 20° Rt ϕ 8' broken Curb -

E14
2+07 Walk from here Nly completely ruined

2+00

344.26	344.06	343.4	343.1	341.9	342.49	342.3
499	519	59	62	74	676	710
27 ⁵	20 ⁰	20 ⁰		20 ⁰	20 ⁰	27 ⁵
WK	CB	60T		60T	CB	WK
						POOR
						Condition

1+76 - 22⁵ Rt = NW cor Beginning of Broken Walk

342.47	342.47
678	678
22 ⁵	27 ⁵
NW cor	NE
Walk	cor
	Wall

1+55⁵ 20° Rt = ϕ 2⁵' dia. Gas + ElecT Manhole

342.83
642
20
RIM

1+52 - 20° Rt = end Drive for 4 car garage

341.72	342.28	342.32	342.31
753	697	693	694
200	22 ⁰	27 ⁵	37 ⁵
LIP	Brk	Walk	Dr.

349.25

X-sec Boundary.

1+77- 30° Rt- d 2⁵ conc walk

2+63- 20° Rt- end curb

LT= Wly

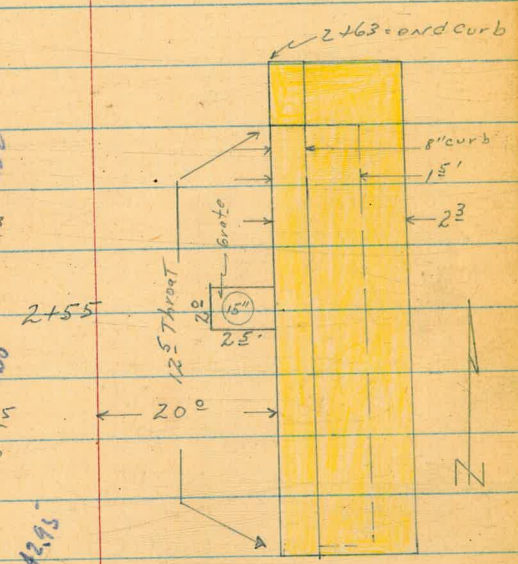
Q

Rt=ely.

54

5-85	343.40
30 3	46 3
WR	WIC
6 22	343.03
20 10	
END	
curb	

Nly throat	342.16	343.02
	7 09	6 23
	GOT	cb
Q Inlet	342.02	343.00
	7 23	6 15
	Grate	cb
Sly Throat	342.07	342.95
	7 18	6 30
	GOT	cb



Detail of Curb Inlet east side Boundary.

349.25 X

X-sec Boundary - Lincoln to Orange

LT = wly

Rt = ely

55

3473 - 28° Rt = face ely curb

342.9
5 1/4

343.64
5 6'

28°
GOT

28°
cb

3463 - 25° Rt = Face Ely Curb

3453 - 22° Rt = Face Ely Curb

345.23

344.88

344.1

344.2

342.9

343.64

343.68

3450 -

402

437

52

51

64

56'

55.7

27°
BL
WALK

20°
cb

20°
GOT

21°
GOT

21°
cb

29°
BK
WALK

22° Rt = wly of beginning of walk
3443 - 20° Rt = angle point in curb

343.0
6 1/2

343.64
5 1/2

343.55
5 7/8

343.65
5 6'

20°
GOT

20°
cb

22°
WLY
WALK

27°
ELY
WALK

3417 - 20° Rt = begin curb - No walk

342.7
6 1/4

343.49
5 7/8

20°
GOT

20°
cb

3410 - 30° Rt = 8' wide conc driveway

343.76
5 4/8

343.89
5 3/8

30°
Dr.

30°
Dr.

344.83

344.1

344.0

343.8

342.5

343.3

343.7

3400 - 20° LT = 8' wide broken curb

442

52

5 1/2

5 1/2

6 1/8

6 0

5 6

27°
BL
WALK

20°
cb
Broken

20°
GOT

20

22

30

349.25 ✓

LT = W. 14

et = eLy. 50

4403 - 20° LT = angle point in wly curb + walk

	345.24	345.20	344.6
593	597	65	
275	200	200	
BK	CB	GUT	
WALK			

4402 - 36° RT at 90° to d = B.C. SE Ret

	343.1	344.10
85	707	
363	365	
GUT	CB	

4400

	345.24	345.20	344.6	344.6	343.0	343.1	344.10	344.32
593	597	65	65	65	72	85	707	65
275	200	200			20	363	363	431
BK	CB	GUT				GUT	CB	BK
WK								WK

TP4. 6.25 351.17 433 344.92

351.17 X

3493 - } 20° LT = 87' conc Drive
343 RT = Face eLy Curb

	345.30	345.03	344.55
395	422	470	
275	225	200	
WK	BK	LIP	

3483 - 31° RT = Face eLy curb

349.25 X

Ely throat

343.46

77'

607

344.34

83

CB

inlet

343.18

79'

Grate

344.12

70'

CB

sly throat

343.12

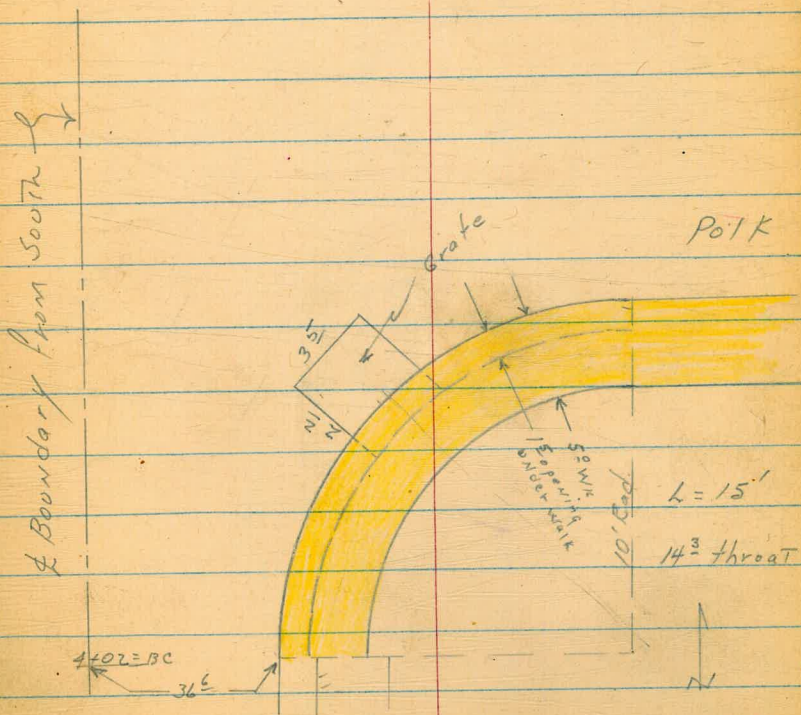
80'

607

344.11

706

CB



Detail of Curb Ret S.E. Cor Poik + Boundary
or Bancroft - Type A-2 inlet

351.17

X-sec Boundary - Lincoln to Orange

0+20- 11° LT= Face Wly Curb

0+10- 9° LT= Face Wly Curb.

Section taken on Right angles to ϕ to North.

0+00 Ahead = 4+15⁴⁵ back = sly line polk to Fly.

0+00- 7° LT= Face Wly curb 90° to ϕ

Broken A.C. Pave on Boundary of No Value

Section taken on Diagonal -

From South

intersection sly line polk + ϕ Boundary

4+15⁴⁵ } 3° + 8° LT= ϕ 8" gate Valve covers.

4+14- 10° LT= ϕ Valve Manhole - Water dept

4+13- 21° LT to face Wly curb.

4+08- 4° LT= ϕ S.M.H.

LT= Wly

ϕ rt= fly.

58

345.42	345.32	344.7	344.7	344.7	344.5	344.4	344.3	343.75
575	585	65	65	65	67	68	69	74
15°	7°	7°		20	30	40	50	65°
BK WALK	CB	GUT						Wly AC POLK
345.48	345.34	344.7						
509	583	65						
323	24	24						
BK WALK	CB	GUT						
344.9	344.94	344.73	344.5	344.3	343.6	344.10		
63	623	644	67	69	80	707		
10°	8°	30		20	395	394		
	RIM	RIM			GUT	CB		
					Throat			
	344.83							
	634							
	10°							
	344.85							
	632							
	40							
	RIM							
	S.M.H.							

351.17 ✓
X

LT=W14

2

et=ely

59

0+50 - 15⁶ LT= face Wly Curb.

344.48

344.15

344.68

669
60

702

649

73³
ELY curb
BRANCROFT

73³
60^T

Section taken on Diagonal
0+41.69 = intersection Nly Polk to east + 2 to No.

512
344.05

535
345.82

611
345.0

613
344.4

615
344.7

616
344.6

615
344.52

615
344.62

645
344.72

235
BK
WK

153
Cb

153
GOT

10 20
edge
AC

40 50

0+40 - 14² LT= face Wly Curb

0+35 - 13¹ LT= 9' wide broken spot in curb

344.42

675

60

AC

0+30 - 12⁵ LT= face Wly Curb

0+20 - 11⁰ LT= face Wly Curb

510
345.77

570
345.5

613
344.9

613
344.9

615
344.7

615
344.7

616
344.2

615
344.65

649
344.68

184
BK
WK

112
Cb

112
GOT

10 20
edge
AC
BRANCROFT

30 40 50

351.17

TP5 6.42 351.19 6.40 344.77

351.19 X

Nly Curb Line Polk to East + East Line Bancroft

344.15
702
607

344.07
710

344.70
617
60

Polk to East + East Line Bancroft

EAST LINE Bancroft

Nly Curb Line Polk to East and 50' East of

345.29
588
607

345.87
530
60

Polk to East + 50' East of East Line Bancroft

345.50
17

50' East of East line Bancroft + sly Curb Polk

345.10
607
607

345.67
510
60

sly curb Polk + Ely Bancroft

343.90
72
607

344.50
617
60

shots on polk from Ely line polk to East

351.17 X

1+14-20° LT= B.C. 3' Return on alley.

1+00

0+80-20° Rt = d 14' wide broken spot in curb.

0+76.5-20° LT = angle point in Wly Curb

0+74-20° Rt = B.C. curb return

0+70-19° LT = face wly curb

0+64-30° Rt = ec. Return - see sketch page 62

0+60-17.7° LT = face wly curb

LT = wly

Rt = ely

Cont page 63

346.40	346.04	345.4	345.1	344.2	344.78	344.94
479	515	59	61	70	64	625
27° BK	20° Cb	20° GOT		20° GOT	20° Cb	27° BK
WALK						WALK

345.82	345.1
537	61
30° Cb	20° GOT

344.2	344.46
70	673
20° GOT	20° Cb
343.95	344.53
727	666
30° GOT + Wly AC	20° Cb

345.89	345.1	344.9	344.3	344.04
507	530	61	69	714
25° BK	17° Cb	17° GOT	20°	30° edge AC
WALK				

351.19

LT= W 14

x

ct = 4ly

62

Ely throat

343.82
737

60T

654
cb

inlet

343.64
755

Grote

344.58
661
cb

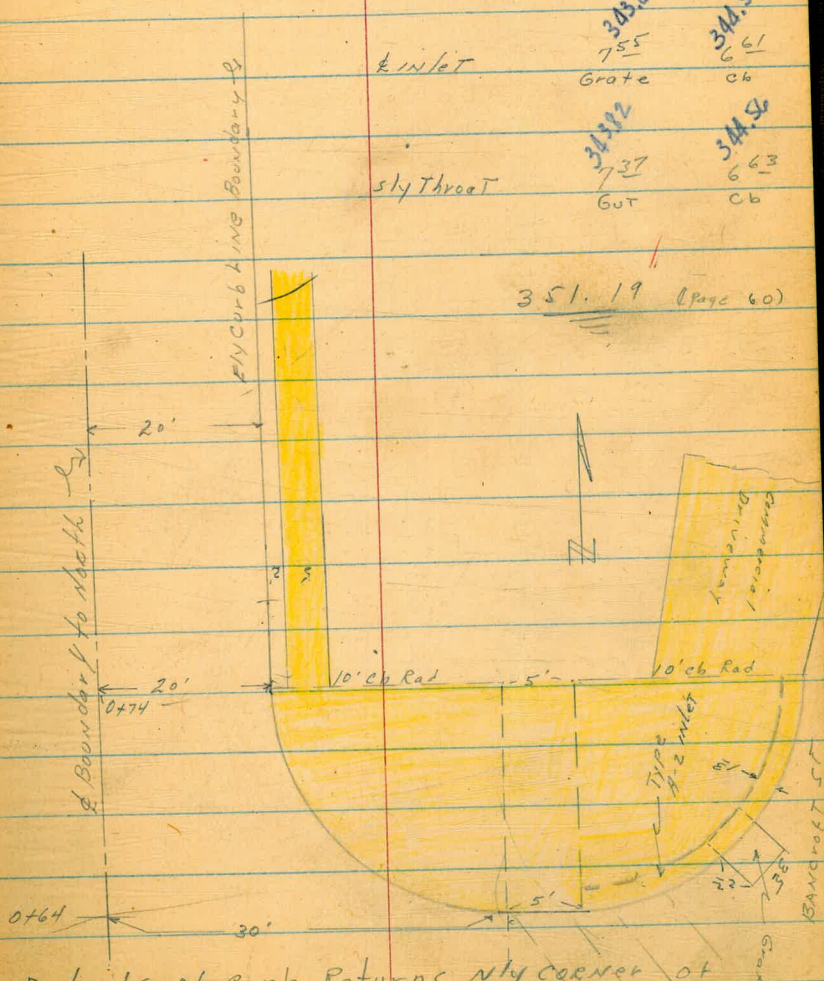
sky throat

343.82
737

60T

344.58
663
cb

351.19 (page 60)



Details of curb Returns nly corner of Bancroft + Boundary AC pave

Cont from page 61
 X-sec Boundary - LINCOLN to Orange

2+00

JP6: 5.82 352.22 4.79 346.90

1492.5 - 20° LT = B.C. 2.5' Rad Alley Ret-

1490 - 23° LT = E.C. 2.5' ^{1' cut} Alley Return.

1474 - 27° LT = 2' Conc Walk

1450

1417 - 23° LT = E.S. Alley Return

1415 - 20° Rt. of 22' wide broken curb

LT = WLY 2 Rt = 014 63

5347.06 5347.16	5332.346.90 20° CB	62346.0 20° GOT	62346.0 20° GOT	71345.1 20° GOT	65345.68 20° CB	632345.90 27° BK WK
--------------------	--------------------------	-----------------------	-----------------------	-----------------------	-----------------------	------------------------------

352.22 T

346.92
427
20°
CB

5346.0
20°
GOT

347.09
410
312
CB
end Alley curb

347.1
41
312
GOT

346.94
425
225
CB

346.3
49
225
GOT

347.23
396
374
WK

347.04
412
274
WK

346.4
48
274
Gr

346.6
416
40

345.8
54
20

345.5
57

345
67
20°
GOT

345.21
598
20°
CB

345.32
587
27°
BK
WK

346.1

51
312
GOT

346.63
456
312
End curb
in alley

346.33
486
23°
CB

345.7
512
23°
GOT

351.19 T

CONC DRIVE
 2+73- 20° RT at 90° to Boundary = 4 11" wide

2+56⁵ 4" RT = 4 SMH + 6" = 8" Gate Valve Cover

2+51³⁰ = P.I. to Polk + Boundary.

Sec taken on dia.

+ Boundary.

2+24- Intersection sly curb line Polk projected

2+21- 20° LT at 90° to 4 = BC SW Ret.

Section taken on diagonal along sly line Polk

2+09²⁰ - Intersection sly line Polk to west

Gas + Elec Co. CONC. Vault

2+16⁵ ON 4 Boundary 7⁵ E+W and 5⁵ N+S

LT = W14

RT = Ely.

64

346.24
 598
 200
 LIP

346.75
 547
 220
 BK

346.83
 539
 270
 BK

347.75
 447
 360
 Fluc
 par

346.42
 580
 42
 RIM

346.39
 583
 60
 8" Gate
 Valve cover

350.06
 216
 100

347.20
 502
 302
 ON Dia
 AC

346.8
 54
 202
 ON Dia

346.5
 57

347.8
 47

346.42
 580
 208
 GUT
 ON Diagonal

346.57
 565
 272
 BK
 Walk

350.21
 201
 100
 cb

349.66
 256
 100
 GUT

346.93
 527
 286
 cb
 PC

346.4
 528
 286
 GUT
 PC

346.2
 60
 20

346.2
 60

347.00
 522
 200
 cb

346.2
 60
 200
 GUT

347.00
 522
 202
 cb
 ON Dia

346.2
 60
 202
 GUT
 ON Dia

346.2
 60

345.2
 70
 202
 GUT
 ON Dia

345.74
 60
 202
 cb
 ON Dia

346.24
 523
 ON VAULT

352.22 x

LT = WEST

RT = EAST

65

Wly Throat

346.66
556

347.65
454

60T

66

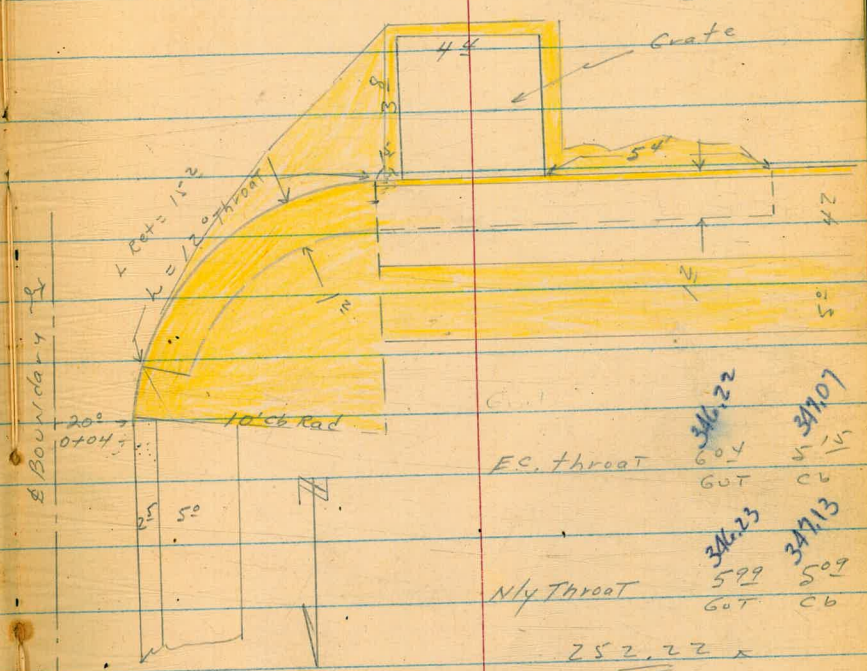
Grate

346.36
586

347.26
496

60T

66



FC. Throat

346.22
604

347.07
515

60T

66

Nly Throat

346.23
599

347.13
509

60T

66

252.22 x

Details of Ret + Inlet NW cor, PolK + Boundary

Shots taken on Diagonal
3478 = P.I. Nly curb line PolK + Boundary

349.55

267

100
cb

346.65

357

100
GUT

347.07

515

340
bc

346.19

60

13
cb
INDIA

352.22 x

X-sec Boundary - Lincoln to Orange

Lt = W14

at = c4 66

TP7 8.66 360.73 0.15 352.07

1400

0+67-20° LT & 11° wide conc Drive

0+50-20° Rt- end Drive for 2 car garage

0+33-20° Rt- Begin Drive for 2 car garage

0+25

N14 Polk & Boundary - Sec taken on diagonal
Rt + 92.90 Back = 0+00 Ahead-

350.55	350.27	349.3	360.73	350.1	350.75	350.84
6.7	1.25	2.9	2.1	2.1	1.47	1.38
275 BK WK	200 Cb	200 GUT	200 GUT	200 GUT	200 Cb	270 BK WK
270	270	350	348.2	347.94	348.59	348.62
349.52	349.36	348.64	348.2	347.94	348.59	348.62
275 BK WALK	240 BK	200 LIP	200 LIP	200 LIP	235 BK	270 BKWK
341	357	43	40	428	363	360
275 BK WALK	200 Cb	200 GUT	200 LIP	200 LIP	235 BK	270 BKWK
347.93	347.71	346.8	347.4	346.8	347.48	347.60
429	451	51	48	54	474	462
275 BK WK	200 Cb	200 GUT	200 GUT	200 GUT	200 Cb	270 BKWK
500	510	54	59	59	510	510
347.14	346.4	346.8	346.3	346.3	346.82	346.82
200 Cb NDIA	200 GUT NDIA	200 GUT NDIA	200 GUT NDIA	200 GUT NDIA	200 Cb NDIA	200 Cb NDIA

352.22 ✓ A

2448- 20° Rt = 4 12' Conc Drive

2438- 20° LT = end Drive for 2 Car garage

2417- 20° LT = begin Drive 2 Car garage

2409 20° Rt = 4 9' Wide Conc Drive

2400

1765- 20° Rt = 4 11' Wide Conc Drive

1750

LT = W14

♀

356.01	67
472	356.74
200	399
LIP	Brk
	27°
	WIK
	356.84
	399

355.00	354.85	354.26
573	88	47
275	22°	20°
WK	Brk	LIP

354.51	354.33	353.66
622	70	70
275	225	20°
WK	Brk	LIP

354.64	355.22	355.33
612	551	10
20°	22°	27°
LIP	Brk	Brk
		WIK

353.99	353.71	353.1	354.0
675	702	76	7
275	20°	20°	20°
WK	cb	GUT	GUT
			354.74
			575
			354.98

352.90	353.48	353.63
703	725	710
20°	22°	27°
LIP	Brk	Brk
		WIK

352.31	352.12	351.2	352.0
842	861	95	7
275	20°	20°	20°
WK	cb	GUT	GUT
			352.64
			807
			352.84

360.73 X

LT = W14. ♀ rt = cly.

TPg 5.98 365.31 1.40 359.33

365.31

3 + 38° 90° to SE BC Orange + Boundary.

3400

Rain

360	372	43	51	29	20	184
275 WK	200 CB	200 GOT	200 GOT	200 CB	200 CB	270 WK
357.13	357.01	357.4	357.6	357.8	358.67	358.89
359.41						

2450 - OUT of position

533	547	61	49	478	
275	200 CB	200 GOT	200 IN DRIVE	200 IN DRIVE	.7 curb face
355.40	355.26	355.6	355.8	355.75	

2472 - 20° LT = ♀ 13' cone Drive

450	462	512
275 WK	225 BK	200 TIP
358.23	358.11	358.61

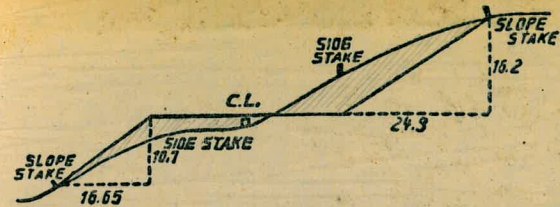
2466 - 20° LT = 2" Drain from yard

537
IE
205

360.731

The image shows an open notebook with two facing pages. The pages are cream-colored and feature light blue horizontal ruling. Each page is divided into three vertical columns by two red margin lines. The notebook is bound in the center, and the dark cover is visible at the edges. The page number '70' is printed in the top right corner of the right page.

2 + 562 - 352
+ 71



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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