MADE IN U.S.A.

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Location of Douglass St. (50' wide)
Eagle to Dove St.

Moore, chief Party
Northern, chain
7-20-37.

Plotted 8-3-37 JER

1+87 = Proposed 18" Culv.

1+53 = Outlet of 1 EXISTING 12" drain

1+32 = Junction of EXISTING 12" and 8" drains

1+19 = Inlet of 8" Corr. I.P. Drain on S. curb line

1+12 = 3' diam. Dove Patent 4' S of prop. ℄ of 80 St.

0+80 = Ely Eagle St. = Inlet of 12" Corr. I.P. Drain

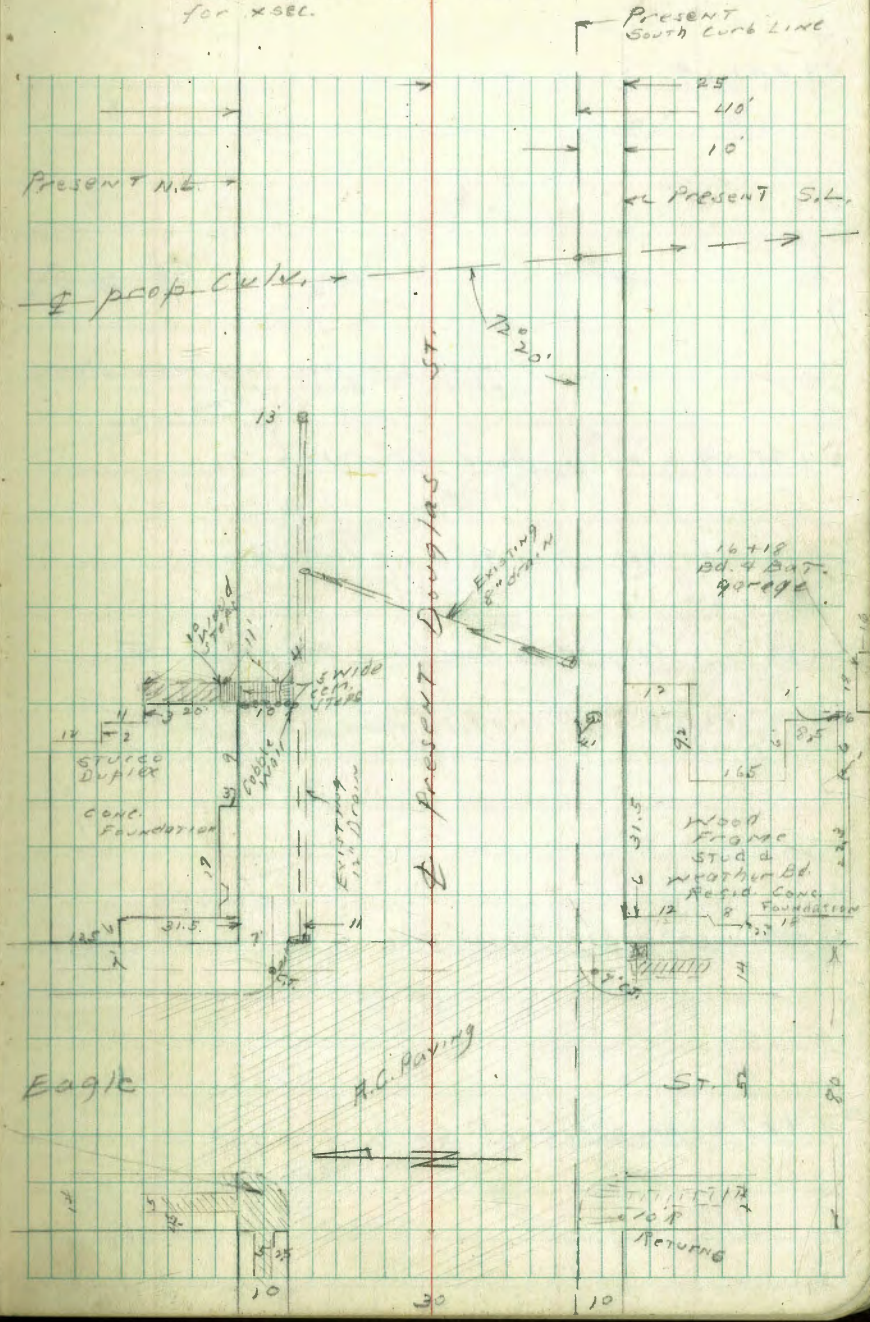
All returns same

0+00 = Wly Eagle St.

℄ of Proposed 80' Wide Street = Baseline for xsec.

Indexed C.S.K.

3



3+45.29 = Ely Dove to North

4' wide concave Conc. water flumes approx 15" deep To drain inlet.

2+95.29 = W'ly Dove to North

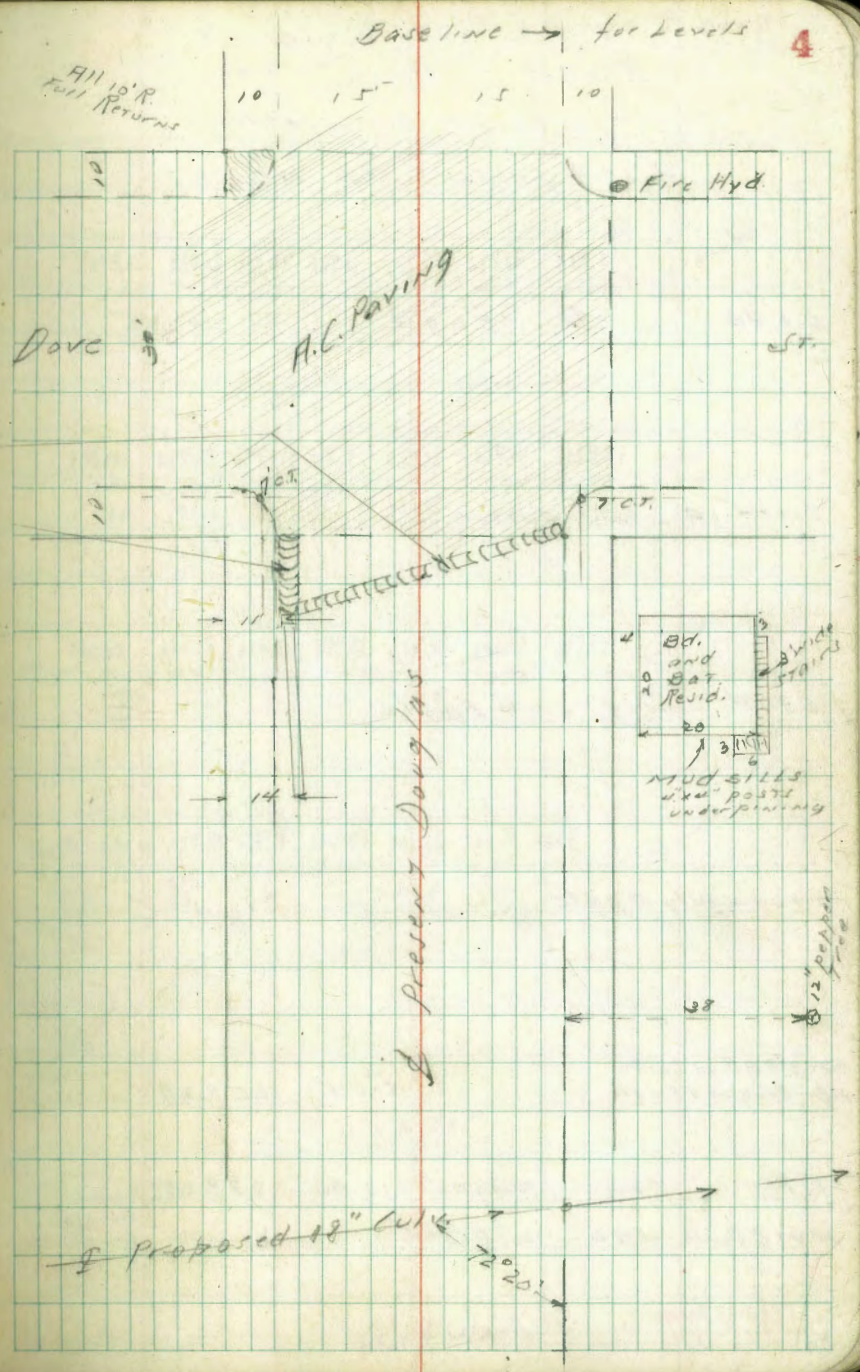
2+77 = inlet of Ex. 16" Wood Stave drain

2+57 = W'ly end of Board and Bat residence

2+29 = outlet of Existing 16" Wood Stave pipe drain

2+12 12" diam. pepper tree

1+87 proposed 18" Culv.



Xsec. of Douglass St. Eagle to Dove.

for proposed 80' width

Using present M.L. as is.

0+40	℄ Eagle				
0+44.10	W/y gutter				
0+44	In W/y curb Eagle				
0+00 = W/y Eagle					
Set B.M. B.P. in Curb N.E. Douglas & Eagle			5.04	258.29 ✓	
T.P.	5.28	263.33 ✓	12.93	258.05 ✓	
M.M. B.P. in C.B.	4.96	270.98 ✓		266.02	Douglas Goldfinch

✓ MMcW 8/16/37

← Baseline = S. curb line of Douglas St.

LT. = N

RT. = S.

259.47 ✓	259.18 ✓	258.85 ✓	259.11 ✓	258.89 ✓	259.08 ✓	259.11 ✓	P ✓
3.86	4.15	4.48	4.22	4.44	4.25	4.22	
60	40	30	15		10	40	
			Gutter				
259.52 ✓	259.49 ✓	259.31 ✓	259.58 ✓	259.28 ✓	259.41 ✓	259.30 ✓	P ✓
3.81	3.84	4.02	3.75	4.05	3.92	4.03	
60	40	30	15		10	40	
260.22 ✓	260.36 ✓	259.31 ✓	259.58 ✓	259.28 ✓	260.07 ✓	259.99 ✓	P ✓
3.11	2.97	4.02	3.75	4.05	3.26	3.34	
60	40	30	15	Pav.	10	40	
260.70 ✓	260.10 ✓	259.55 ✓	259.98 ✓	259.49 ✓	260.08 ✓	260.7 ✓	264.8 ✓	P ✓
2.63	3.23	3.78	3.35	3.84	3.75	2.0	2.5	
40	30	30	15			10	40	
Cent. for Ref.		C.B.	Gutter	Gutter	Curb	Lawn	Lawn	

263.33 ✓

Top of Headwall of drain on N.E. cor. Douglas & Eagle

✓ MMcW 8/16/37

1+12				
TP.	2.16	260.21	5.28	258.05
0+86				
0+80	Ely Eagle			
0+66	Ely curb Eagle			
0+65.9	= Ely gutter			

263.33 MHW 8/16/37

LT. Base Line RT.

P

257.9 257.6 257.4 256.9 257.2 256.6

1.8 2.6 2.8 3.9 3.0 3.4

40 30 15 10 40

Top Cobble

Post Canon

260.21

260.63 258.5 258.2 258.3 257.7 258.2 259.28 258.0

Floor El. 2.70 41.8 5.1 5.0 5.6 5.1 4.10 5.3

Study 100.0 40 30 15 10 10 20

House

Floor El. House S.E. Cor

258.38 258.05 256.89 258.03 257.56 258.05 258.31 258.08

4.95 5.28 6.44 5.80 5.77 5.28 5.02 5.27

40 30 20 15 10 40

66 Gutter Gutter

Top Curb

258.43 258.15 257.73 258.35 257.74 258.07 257.85

4.90 5.18 5.60 4.98 5.59 5.26 5.48

60 40 30 15 10 40 65

257.84 257.61 257.73 258.35 257.74 257.55 257.35

5.47 5.74 5.60 4.98 5.59 5.78 5.98

40 40 30 15 10 40 65

No Curb

263.33 MHW 8/16/37

1+62

1+53 F.L. 12" Corr. I.P. outlet

1+50

T.P. 0.37 248.04 12.54 247.67

1+28

1+19

1+12.10

260.21 MWW 8/16/37

Baseline

235.0 231.5 236.0 234.1 233.7 235.0 236.8 237.1 234.5 232.3 229.9 230.9

13.0/60 14.5/70 18.0/50 16.9/40 15.3/30 13.0/18 11.1 10.9/10 13.5/25 15.7/40 18.1/60 17.1/80

234.94 10.1 2.7

233.5 233.4 237.0 238.6 236.0 242.8 243.2 242.9 236.8 235.7 238.3 238.9

14.5/80 12.6/60 11.0/40 9.4/25 12.0/40 5.2/16 4.8 5.1/16 11.2/35 12.3/40 14.7/60 14.4/80

248.04

237.6 249.8 248.5 250.8 255.2 256.8 255.1 247.2 246.6 244.1 244.1

22.6/85 15.4/60 12.7/40 9.4/30 5.0/15 3.4 5.1/15 13.2/30 12.6/40 16.1/60 14.1/70

Grade

244.8 253.4 257.0 257.7 256.2 257.1 256.7 256.0 253.1 252.7

15.4/58 6.8/20 3.2/25 3.0/2 4.0/1 3.1 3.5/10 4.2/25 7.1/20 7.5/50

2 Ex. @ 4.0

250.81 252.31 257.11 257.11 257.44 256.91

9.4/24 6.9/20 3.1/24 3.1/30 7.8/15 3.3

Bot. Step

Top Step

Grade @ 1+12

260.21 MWW 8/16/37

		260.8
2+57		+12.8 / 48
2+29	outlet Ft. of 16" wood stave drain	
		241.2
2+25		+13.8 / 65
		227.4
2+05		+6.5 / 75
1+87	Levels taken on line of proposed Culv.	
1+81		
		248.0+

8/16/37

LT. — Sta. 1+00 — RT.

258.7	252.2	251.4	248.0	242.5	240.8	239.6	238.5	236.1	235.4	
+10.7 / 20	+4.2 / 30	+3.4 / 20	0.0 / 15	4.5	7.5 / 15	8.4 / 40	9.5 / 60	11.9 / 65	12.6 / 70	

240.3

7.7 / 56

252.0	247.0	242.2	238.5	235.6	234.5	231.5	228.6	227.9	227.6	224.8	217.8
+4.0 / 50	1.0 / 20	5.8 / 30	9.5 / 25	12.4 / 15	15.5	16.5 / 15	17.7 / 30	20.1 / 40	20.4 / 50	23.2 / 60	30.2 / 90

248.0	244.5	238.6	234.4	230.5	227.0	223.9	223.4	221.5	219.9	221.3	
0.0 / 20	3.5 / 50	9.4 / 70	13.6 / 30	17.5 / 15	21.0	24.1 / 20	24.6 / 20	26.5 / 60	28.1 / 90	26.7 / 100	

233.6	230.3	230.2	229.7	229.3	226.8	225.2	223.4	220.5	217.8	217.1	
14.4 / 20	17.7 / 60	17.8 / 45	18.3 / 30	18.7 / 20	21.2	22.8 / 30	25.6 / 50	27.7 / 70	30.2 / 95	30.8 / 105	

238.4	232.9	230.0	230.0	228.8	227.6	226.9	225.9	224.8	226.2	226.3	
9.4 / 80	15.4 / 55	18.0 / 40	18.0 / 30	19.2 / 15	20.4	21.1 / 20	22.1 / 40	23.6 / 60	21.8 / 80	21.7 / 100	

248.0+

8/16/37

3+20.29 = E. Dove				
3+05.29 W cb.				
2+95.29 = Wily Dove to North				
T.P	9.89	269.69	0.47	259.80
2+77				
T.P	12.30	260.27	0.07	247.97
		248.04		

MMW 8/16/37

+1.4
59
House

LT. RT.

BASE LINE

260.96 260.79 261.01 261.09 261.08 260.29

8.73/40 8.90/30 8.48/15 8.47 8.41/10 9.21/20

260.01 260.49 260.14 260.57 260.25 260.44 260.04 259.29 256.29 255.69

9.68/20 9.29/40 9.55/20 9.12/15 9.44 9.15/10 9.65/10 10.44/35 13.2/40 14.0/50

260.9 260.49 259.83 260.19 259.81 260.47 260.7 257.3 255.2 253.9

8.8/40 9.20/30 9.86/30 9.50/25 9.88/20 9.27/25 9.0/10 12.4/17 14.5/40 15.8/50

269.69/5

260.7 259.3 257.5 259.7 257.2 253.3 249.9 255.2 249.3 248.9 247.9 246.3

+0.4/40 1.0/30 2.8/29 0.6/15 3.1/17 80 20.4/10 5.1/14 11.0/14 11.4/3.2 12.4/40 14.0/55

Top of Slope

Fl. Line of Cut

Edge of Pvmt.

Fl. Line of Fill

Edge of Pvmt.

260.27/5

MMW 8/16/37

check to BM SW. Douglas		Algarroba	3.27	270.63	270.53 (0.10)
T.P	6.58	273.90	2.37	267.32	
3+45.29 = E.L Dove to N.					
3+35.29	Ely c.l Dove N ly				
			269.69		

8/16/37

Lt. Baseline Rt.

262.23	261.99	261.31	261.81	261.49	261.98	262.19	261.39	P
7.46 / 20	7.70 / 30 CB	8.38 / 20 Gut	7.88 / 15	8.20 Gut	7.70 CB	7.5 / 10	8.3 / 40	

261.34	262.04	261.18	261.53	261.38		261.25	261.97	260.69
8.35 / 40 Gut	7.45 / 40 CB	8.51 / 30	8.16 / 15	8.31		8.44 / 10 Gut	7.77 / 10 CB	9.0 / 40

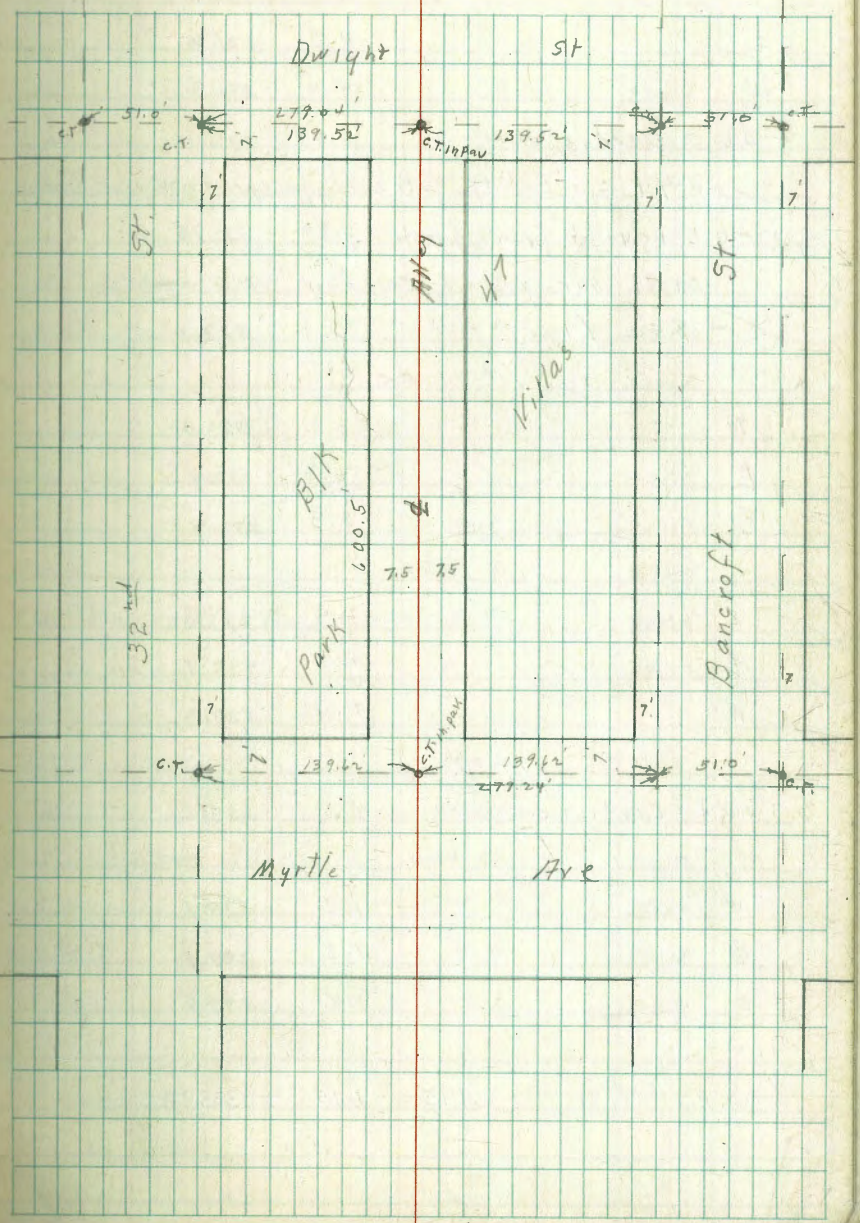
269.69

8/16/37

1-15-38
Miller
Walker
Bliss

X Sec Alley Blk 47 Park Villas Indexed C.S.K.

BM. B.P.		5.34	335.69	330.35 → S.W. 32nd & Myrtle
This BP. Gone used Top of Curb.				
	10' S of N Line = N. el. Line Myrtle			
W - 25	el.		5.04	330.65
W - 25	G		5.61	330.08
W.	G No el. in drive		5.77	329.92
℄	G		5.87	329.82
E	G		5.83	329.86
E	el		5.20	330.49
E + 25	"		5.24	330.41
E + 25	G.		5.95	329.74
	0+00 = N. Line Myrtle			
E.	el N. End		5.01	330.68
E	pav " "		5.10	330.59
℄	" " "		5.30	330.39
W	" " "		4.97	330.72
W	el. " "		4.90	330.79
+ 05 E. edge Drive to N.			4.98	330.81
		0+15		
W - 0.6 = E. Edge ent drive			4.46	331.23
W			4.6	331.1
℄			5.0	330.7
E			4.8	330.9



335.69

	0+50		
E		4.1	331.2
℄		4.3	331.4
W		4.0	331.7
+0.6 = E edge drive		3.55	332.14
0+74 = S. End of S. Entrance garage on W. cmt. floor.			
W - 0.6 Drive at front of garage		2.93	332.76
0+91 garage on E. cmt. floor		8.5 Back	
E. - 8.5 = floor		3.2	332.5
	1+00		
W		3.0	332.2
℄		3.3	332.4
E		3.3	332.4
	1+50		
E		2.4	333.3
℄		2.5	332.2
W.		2.4	333.3
	1+79		
6.3 W. of ℄ = E. End 24" cmt. walk		2.1	333.6
	2+00		
W		1.6	334.1
℄		1.8	333.9
E		1.8	333.9
T.P.	5.81	339.75	1.75	333.94

339.75

13

2+11 ℄ Double Garage on E. cmt. floor 9.8 Back.			
E - 9.8 = floor		5.64	334.11
	2+50		
E		5.1	334.7
℄		5.2	334.6
+7.0 = S. End Shed		5.1	334.6
2+60 N. End Shed = S. End Board Fence 0.5 in Alley on W.			
	3+00 = N. End above Fence 0.1 in Alley		
W. +0.1 Fence N End.		4.7	335.1
℄ Top. M.H		4.95	334.80
E.		4.7	335.1
	3+50		
E		4.3	335.5
℄		4.4	335.4
+6.		4.4	335.4
+6.5 Drainage ditch from Here North		5.0	334.8
W		4.6	335.2
	3+75		
W - 5. In yard		4.6	335.2
W		4.6	335.2
+1 Drainage ditch		4.6	335.2
+2		4.0	335.8
℄		4.0	335.8
E		4.1	335.7

339.75

4+00	N. End drainage Ditch		
E.		3.6	336.2
℄		3.4	336.0
+6.		3.7	336.1
+7.	drainage ditch N End.	4.5	335.3
W		4.5	335.4
W+5	in yard.	4.5	335.3
4+25			
W-5	in yard	3.9	335.9
W		3.4	336.4
℄		3.5	336.3
E		3.9	335.9
+0.7	N. End 24" walk.	3.70	336.05
+1	in yard at side of walk	4.0	335.8
4+50			
E		3.7	336.1
℄		3.6	336.2
W.		3.7	336.1
5+00			
W		3.8	336.0
℄		3.7	336.1
E		3.4	336.4
5+50			
E		3.2	336.6
℄		3.6	336.2
W		3.6	336.2

339.75

14

5+67 N. End of N Entrance garage on W. Line Brick floor

W		3.4	335.4
℄		3.6	336.2
E		3.6	336.2
5+87			
E		3.7	336.1
+4		3.7	336.1
+5		4.6	335.2
℄		4.6	335.2
W		4.1	335.6
5+99			
W		6.0	333.8
℄		6.5	333.3
+3		6.1	333.7
+4		3.8	336.0
E		3.8	336.0
6+00 5	= S. Line Dwight St		
E. el.	S. End	6.39	333.36
E Pav	" "	6.50	333.25
℄	" "	6.63	333.12
+7.3 Pav	" "	6.46	333.30
+7.3 el.	" "	6.27	333.48
10' N. of S.	= S. el. Dwight		
W. G. pav.		7.10	332.65
℄	" "	7.72	332.53
E	" "	7.27	332.48

Xsec. alley 20' wide. Moore 1-26-38

Blk 24 O.B.

bet. Newport & Niagara, Ebers & Froude

SW SP	11.41	54.47		43.06	Newport Ebers
	0+12 E Curb Ebers				
N par			6.80	47.67	
C "			6.63	47.84	
S "			6.35	48.12	
	0+0 E.L. Ebers				
S cb			5.49	48.98	
S par			5.92	48.55	
C "			6.36	48.11	
N "			6.22	48.25	
N cb			6.05	48.42	
	0+05				
N			4.8	49.7	
+4			4.5	50.0	
C			4.9	49.6	
+9			4.8	49.7	
S			4.2	50.3	
T.P.	12.68	66.44	0.71	53.76	
	0+50				
S			8.3	58.1	
+1			9.0	57.4	
C			9.4	57.0	

Indexed C.S.K.

66.44

15

+5	9.2	57.2		Alley
N	9.4	57.0	Fence 0.4	
+5	11.8	54.6		
0+80				
-10	8.4	58.0		
N	6.0	60.4		
+6	4.5	61.9		
C	4.6	61.8		
+8	4.0	62.4		
S	2.5	63.9		
T.P. 12.64	78.85	0.78	66.21	
1+05				
-12.7 in edge 15' gar. dirt fl		7.65	71.20	Level
-0.7 " " Curb, Alley, & apron		11.02	67.83	
S		11.6	67.36	
C		12.6	66.3	
N Fence on alley 0.3		12.8	66.1	
+5		13.8	65.1	
1+20				
-05		13.5	65.4	
N		12.0	66.9	
+5		10.0	68.9	
C		10.1	68.8	

78.85

S	E edge conc. ribbon		9.08	69.77
	1+50			
S			4.1	74.8
C			5.1	73.8
	+5		5.0	73.9
N			6.9	72.0
	+3	Top Conc. Ret wall	7.27	71.58
	1+59			
	-3	Top wall	5.72	73.13
N			5.8	73.1
	+5		3.7	75.2
C			3.7	75.2
S			2.6	76.3
	+15	Sin. gar. dirt fl.	0.8	75.1
T.P.	12.68	91.22	0.31	78.54
	1+93			
S			11.4	79.8
	+2		12.5	78.7
C			12.7	78.5
N			13.9	77.3
	+3	conc. wall	14.35	76.87
	2+25			
	-5		12.6	78.6

91.22

N		10.3	80.9
C		10.6	80.6
S		10.3	80.9
	2+50		
S		8.2	83.0
C		8.8	82.4
N	Hedge 4' in alley	9.3	81.9
	+5	10.0	81.2
	3+00		
N	Top conc.	5.6	85.6
	+1.2 wall in alley	4.61	86.61
	+1.5	5.3	85.9
C		4.7	86.5
	+8	4.3	86.9
S		3.2	88.0
	3+50		
S		1.0	90.2
	+2	2.0	89.2
C		2.1	89.1
	+9.3	2.1	89.1
	+9.9 Top wall	1.14	90.08
N		2.5	88.7
	+5	3.7	87.5
T.P.	12.84	103.69	0.39	90.85

103.49

	3+75		
S		13.1	90.6
N	Fence in alley 0.7	13.1	90.6
C		12.9	90.8
+9		12.8	91.4
S		11.4	92.3
	4+00		
S		8.8	94.9
+1		9.8	94.9
C		10.2	93.5
N	Fence in alley 0.4	10.8	92.9
+5		11.2	92.5
	4+25		
N		7.1	96.6
C		6.8	95.9
+9		6.8	95.9
S		6.4	92.3
	4+50		
S		11.4	99.3
C		11.6	99.1
N	Fence in alley 0.7	11.4	99.3
	5+00		
N		0.8	102.9
C		0.2	102.5
S		0.2	103.5
T.P.	12.79	116.29	0.19	103.50

116.29

	5+30		
S		9.1	107.2
C		9.4	106.9
N		9.8	106.5
+5		10.2	106.1
	5+50		
S		8.2	108.1
N		7.7	108.6
+4		4.2	110.1
C		6.2	110.1
S		5.5	110.8
	5+75		
S		0.3	116.0
C		1.3	115.0
+5		1.4	114.9
N		4.5	111.8
+10		4.3	110.0
T.P.	4.85	171.99	0.45	115.64
	5+85		
+10		10.5	111.5
N		7.7	114.3
+5		5.0	113.0
C		5.2	116.8
S		4.4	112.9

121.99

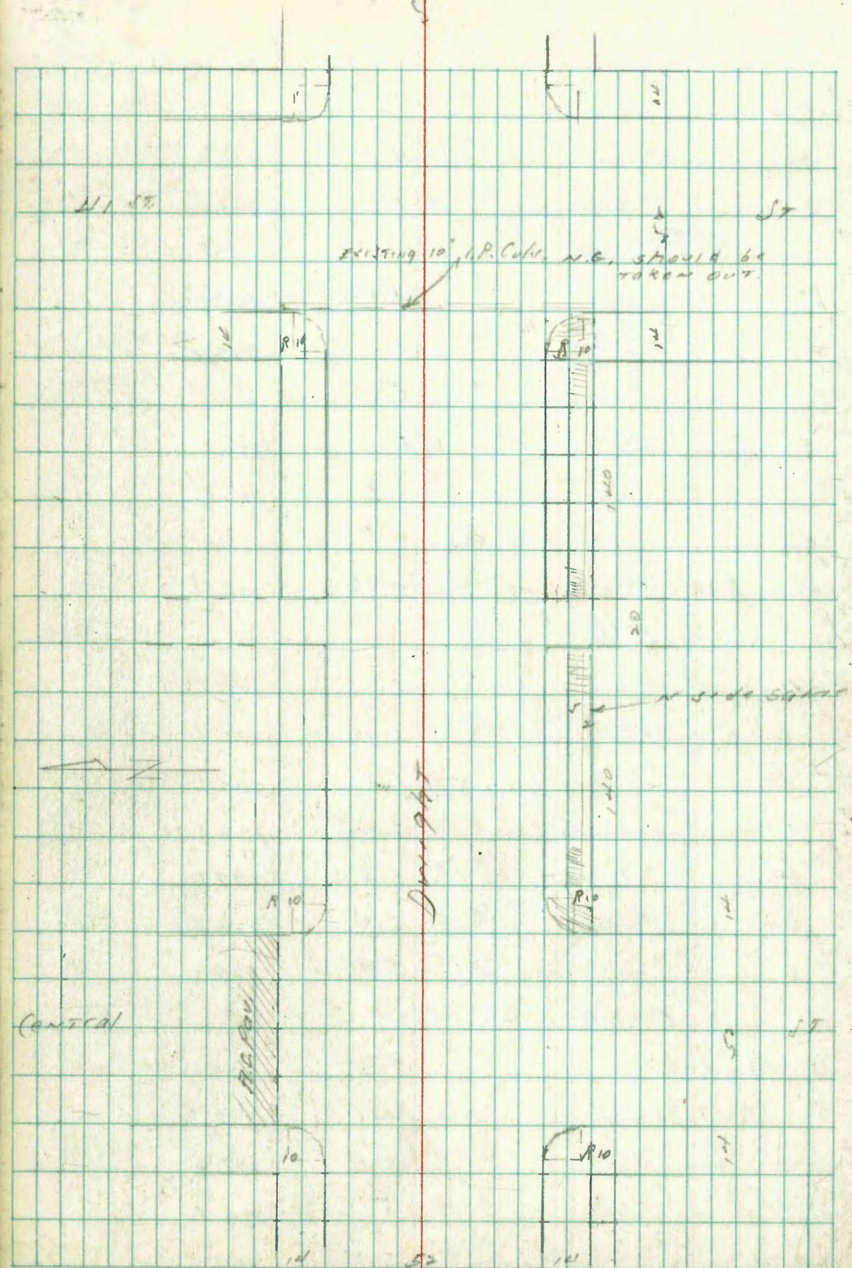
5+99. W.L. Froude

S. curb		1.79	120.20	
S pav.		2.52	119.47	
C "		3.41	118.58	
N "		4.04	117.95	
N cb		3.57	118.42	
6+03				
N cb		3.63	118.36	
N pav.		3.84	118.15	
C "		3.19	118.80	
S "		2.35	119.64	
S cb		1.79	120.20	
6+11 W. cb Froude				
S pav		2.36	119.63	
C "		3.24	119.75	
N "		4.15	117.84	
T.P.	1.24	112.18	11.04	110.94	
SWBP Newport & Froude			7.94	104.24	104.31

Xsec Dwight St. Central to 41 St. | 80' wide 14' cb 15' 1/4 s | Moore, Sst, Wornham 2-3-38

N.W. BP	4.70	334.74		330.04	Central & Dwight
W.L. Central ✓					
N cb			4.83	329.91	
N gut			5.5	329.2	
1/4			5.3	329.4	
c			5.2	329.5	
1/4			5.5	329.2	
gut			5.8	328.9	
S cb			5.38	329.36	
W cb ✓					
SL cb			5.39	329.35	
gut			6.0	328.7	
cb ground			5.9	328.8	
1/4			5.5	329.2	
c			5.2	329.5	
1/4			5.2	329.5	
cb			5.3	329.4	
N pav.			5.48	329.26	
N Top cb.			4.71	330.03	
+ 20 Pav.			5.42	329.32	
W 1/4 ✓					
N Pav.			5.01	329.73	
cb			5.0	329.7	
1/4			5.2	329.5	

Indexed C.S.K.



c		5.3	329.4
1/4		5.4	329.3
cb		5.5	329.2
S		5.7	329.0
	✓ E		
S		5.4	329.3
cb		5.3	329.4
1/4		5.4	329.3
c		5.1	329.6
1/4		4.9	329.8
cb		4.9	329.8
N pav.		4.76	329.98
	✓ E 1/4		
N "		5.1	329.73
cb		5.1	329.6
1/4		5.2	329.8
c		5.2	329.8
1/4		5.3	329.4
cb		5.4	329.3
S		5.4	329.2
	✓ E cb		
S top cb		5.3	329.4
S gut		4.1	328.6
cb gravel		5.8	328.9
1/4		5.4	329.1
c		5.4	329.3

1/4	5.4	329.3
cb gravel	5.4	329.3
N gut. pav	5.52	329.20
" cb	4.89	329.81
" 20 "	5.44	329.30
	✓ EL Centerline	
N top cb	4.87	329.87
gut	5.4	329.3
1/4	5.5	329.2
c	5.5	329.2
1/4	5.7	329.0
gut	5.9	329.8
S cb	5.97	329.37
	✓ 0+50	
S cb	5.4	329.60
gut	5.5	329.2
1/4	5.2	329.5
c	4.9	329.8
1/4	4.9	329.8
gut	5.2	329.5
N cb	4.75	329.99
	✓ 1+00	
N cb in ditch	5.20	329.54
gut	5.2	329.5
1/4	4.8	329.9
c	4.7	330

1/4			5.2	329.5
QUT			5.3	329.4
S cb			4.92	329.82
✓	1+40 = WL alley			
S L cb	return		4.74	330.00
S "			4.95	329.79
S QUT			5.2	329.5
1/4			4.9	329.8
c			4.7	330.0
1/4			4.7	330.0
QUT			4.8	329.9
N cb			4.41	330.33
N L "	return		4.30	330.44
✓	1+60 EL alley			
NL cb	return		4.38	330.36
N "			4.47	330.27
QUT			4.7	330.0
1/4			4.7	330.0
c			4.7	330.0
1/4			5.0	329.7
QUT			5.2	329.5
S cb			4.99	329.25
S L cb			4.90	329.84
✓	2+00			
S cb			4.87	329.87
QUT			5.1	329.6

1/4	5.0	329.7	
c	4.7	330.0	
1/4	4.5	330.2	
QUT	4.6	330.1	
N cb	4.43	330.34	
✓	2+50		
N cb	4.38	330.36	
QUT	4.6	330.1	
1/4	4.5	330.2	
c	4.7	330.0	
1/4	5.3	329.4	
QUT	5.1	329.6	
S cb	4.79	329.85	
✓	3+00 : WL at ST		
S cb	4.73	330.01	
QUT	5.0	329.7	
1/4	4.7	330.0	
c	4.4	330.3	
1/4	4.5	330.2	
QUT	4.6	330.1	
N cb	4.31	330.43	
✓	WL cb at ST.		
N cb	N WL BP	4.24	330.50	330.55
QUT	drain EL NIET	5.10	329.64	at ST + Dwight
c.b		4.4	330.3	
1/4		4.4	330.3	

		334.74		
C			4.4	330.3
1/4			4.6	330.1
CB			4.7	330.0
S CB			4.79	329.95
S	OUTLET FL. 12" DRAIN		5.74	329.00
	E CB 41 ST			
S.L. CB			5.27	329.99
S QUT			5.8	329.9
CB	ground		5.8	329.9
1/4			5.7	329.2
C			5.3	329.4
1/4			5.1	329.6
CB			5.2	329.5
QUT			5.1	329.6
N L CB			4.73	330.01 ?
	Et. 41 ST.			
N CB			4.80	329.94
QUT			5.3	329.4
1/4			5.3	329.4
C			5.3	329.4
1/4			5.5	329.2
S QUT			5.8	329.9
S CB.			5.21	329.53

Xsec of alley 15' wide — Moore 2-3-38
Blk 7 Hartley Pk Park
" B McFadden & Buxton's
bet. Grand & 31st. — Landis to Wightman

SE BP	41.50	345.41		340.91	Landis & Ray
	N.L. Landis = 0.0				
W' cb			4.22	341.19	
W Pav.			4.35	341.06	
c "			4.56	340.85	
E "			4.33	341.08	
E cb			4.27	341.17	
	0+03				
E			2.6	342.8	
top			3.9	341.5	
C			3.9	341.5	
W			3.5	341.9	
	0+16				
-8 & 8' Conc drive to gar. Southern entrance			1.68	34373	
W			2.3	343.1	
C			2.1	343.3	
top			2.1	343.3	
E			1.41	344.0	
T.P.	7.07	350.96	1.52	343.89	
	0+40				
E			6.4	344.6	

Indexed c.s.k.

Re cross Sections of FB 2069 / 29

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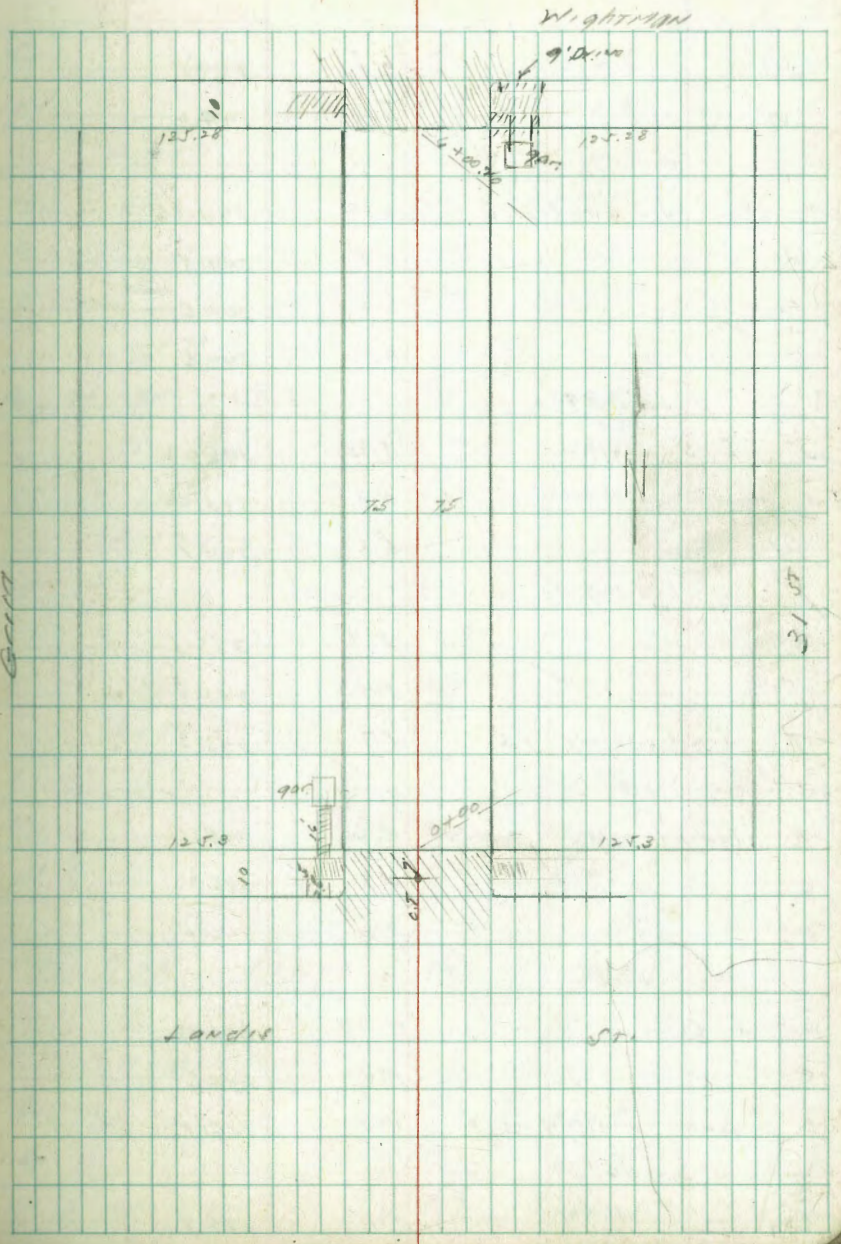


350.96

C			6.5	344.5
W			7.0	344.0
	0+57			
- 10.5	S.W. gar. Cent. fl.		6.30	344.66
W			6.5	344.8
C			6.5	344.5
E			6.4	344.6
	0+69			
E	2' cem walk		5.23	348.03
C			6.0	345.0
W			6.3	344.7
	1+00			
W			5.9	345.1
C			5.4	345.6
E	fence in alley	0.5	5.7	345.3
	1+50			
E	fence in alley	1.0	4.6	346.4
C			4.7	346.3
W			5.0	346.0
	1+78			
W	3' Cem.		4.77	346.19
C			4.4	346.6
E	fence in alley	0.5	4.5	346.5
	2+00			
E	"	"	4.1	346.9

C			4.1	346.9
W			4.2	346.8
	2+50			
W			3.1	347.9
C			3.2	347.8
E			3.6	347.7
	2+70			
E	2' cem walk		3.07	347.89
C			2.6	348.4
W			2.6	348.4
	3+00			
W			2.0	348.0
C			1.9	348.1
E			2.2	347.8
	3+50			
E			1.2	348.8
C			1.1	348.9
W			1.2	348.8
T.P.	7.58	358.07	047	350.49
	3+73			
W			7.3	350.8
C			7.4	350.7
E	2' cem walk		7.9	350.2

	4+00			
E		7.7	350.9	
C		7.7	350.9	
W		7.3	350.8	
	4+50			
W		6.8	351.8	
C		6.8	351.8	
E		6.7	351.9	
	5+00			
E		5.4	352.9	
C		5.4	352.7	
W		5.5	352.6	
	5+35			
W		4.8	353.3	
C		4.8	353.3	
E		4.8	353.3	
+3.5 S. gar. cem. fl.		4.89	353.18	
	5+38			
W		4.7	353.4	
+4 E double gar cem. fl. level		5.05	353.02	
	5+57			
E		4.4	353.5	
C		4.7	353.4	
W		4.7	353.4	
	5+89			
W		5.3	352.8	

358.07

C		5.3	352.8	
E		5.0	353.1	
T.P.	4.27	5.41	352.66	
	5+89			
E+5	4" cem. dr. to gar.	3.47	358.20	N. entrance
	6+00.7 SL W/ gutter			
E cb		5.37	351.56	
E pav.		5.52	351.41	
C "		5.82	351.11	
W "		5.74	351.19	
W cb		5.57	351.36	
SeBP Rey + W. gutter		5.47	351.66	351.63

Moore 2-3-38

Indexed C.S.K.

369.76.

XSec Blk 4 Wilshire Pk 15' wide between 42nd & Copeland

El Cajon to Meade

NWBP	5.10	369.76		364.66	42nd & Meade
	St Meade = 0+00				
W cb			4.98	364.78	
W par			5.25	364.51	
C "			5.40	364.36	
E "			5.32	364.44	
E cb			5.08	364.68	
	0+20				
E			4.5	365.3	
C			4.7	365.1	
W			4.9	364.9	
	0+47				
~7.5	S.W. gar cem.		4.80	364.96	
W			5.0	364.8	
C			4.7	365.1	
E			4.5	365.3	
	1+00				
E			5.0	364.8	
C			4.9	364.9	
W			5.1	364.7	
	1+16				
W			5.0	364.8	
C			5.0	364.8	
E			5.2	364.6	

1+16

E +9	S.W. gar cem.	5.32	364.34
	1+23		
E		5.1	364.9
C		4.9	364.9
W		5.1	364.7
+1	N end cem. apron	4.90	364.86
+3.5	" " double gar.	4.65	365.11	cem. fl.
	1+50		
~3.5	S end double gar.	4.65	365.11	" "
~1	" " cem apron	4.85	364.91
W		5.1	364.7
C		5.1	364.7
E		5.1	364.7
+3	E cem apron	4.98	364.78
+1.0	S.W. gar. cem.	4.87	364.89
	1+87		
E		5.3	364.5
C		5.2	364.6
W		5.4	364.4
+4	N end cem. apron	5.91	364.45
+7	" " gar. cem. fl	5.20	364.56
	2+03		
~7	S end gar " "	5.20	364.56
~4	S " cem. apron	5.30	364.46
W		5.3	364.5

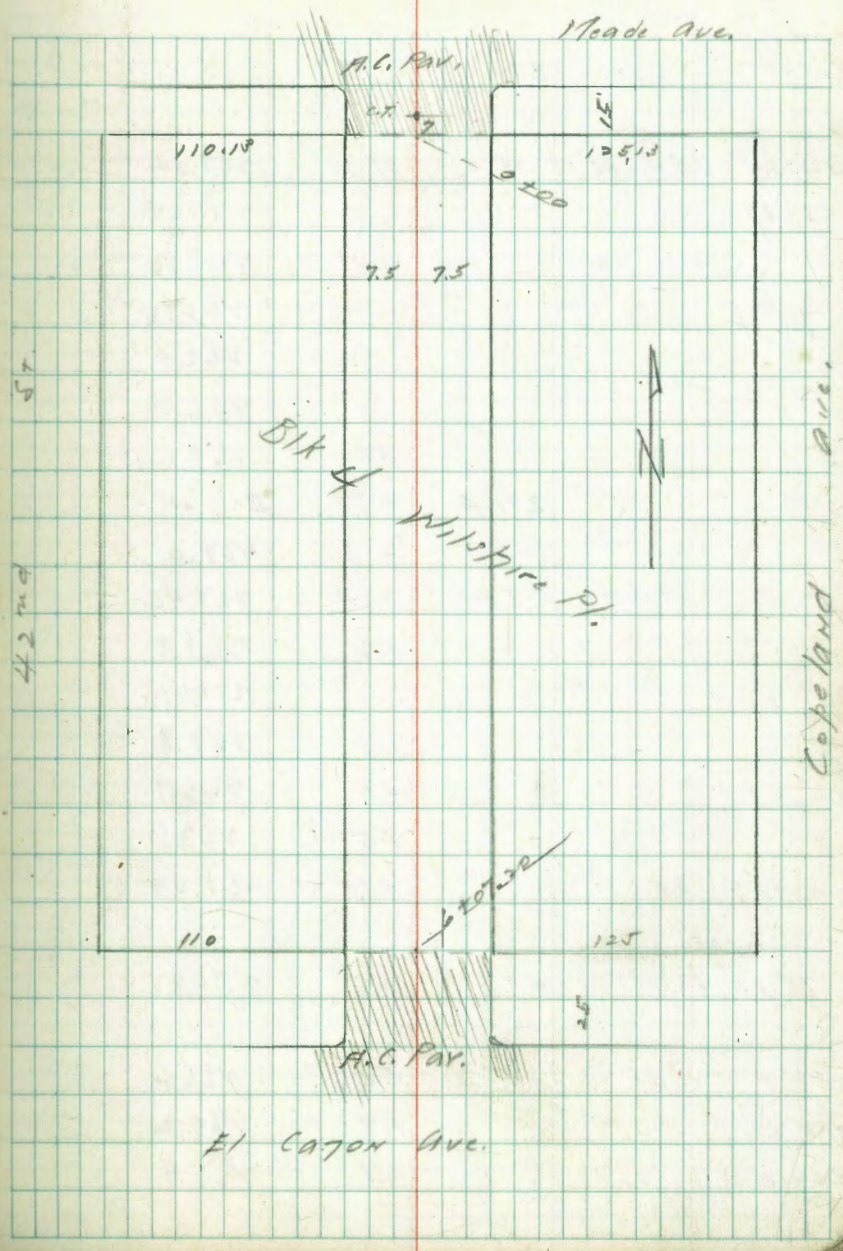
		369.76		
C			5.2	364.6
E			5.2	364.6
+5.5 ℄ cem. apron			5.00	364.76
+10 S.W. gar. cem. fl.			5.00	364.76
	2+24			
-10 ℄ S.W. gar. cem. fl			4.92	364.84
-4 cem. apron			5.09	364.67
E			5.2	364.6
C			5.1	364.7
W			5.3	364.5
	2+50			
W			5.5	364.3
C			5.3	364.8
E			5.2	364.6
+3 ℄ S.W. gar. dirt			5.1	364.6
	3+00			
E			5.1	364.6
C			5.1	364.6
W			5.4	364.4
T.P.	4+1	369.07	5.10	364.66
	3+50			
W			4.3	364.8
C			4.5	364.6

		369.07		
E			4.3	364.8
	3+87			
-9 ℄ S.W. gar. cem. fl.			4.11	364.96
E			4.3	364.8
C			4.2	364.9
W			4.2	364.9
	3+92			
W			4.4	364.7
C			4.2	364.9
E			4.0	365.1
+9 ℄ cem. apron			3.96	365.14
+15 ℄ S.W. gar cem. fl.			4.02	365.08
	4+25			
E			4.7	364.4
C			4.7	364.4
W			4.5	364.6
	4+50			
W			4.3	364.8
C			4.6	364.5
E			4.4	364.7
	5+00			
E			4.4	364.7
C			4.9	364.2
W			4.4	364.7

	5+25			
W			4.4	364.7
C			5.0	364.1
E			4.5	364.6
	5+50			
E			4.2	364.9
C			4.7	364.4
+H			4.5	364.6
W			3.8	365.3
	5+75			
W			3.8	365.3
+3			4.7	364.4
O			4.8	364.3
E			4.4	364.7
	6+00			
E			4.5	364.6
C			4.7	364.4
W			4.7	364.4
	6+07.20 = N/L El Cajon Ave			
W c6			4.78	364.29
W pav			4.94	364.13
C "			5.82	363.25
E "			5.19	363.86
E c6			5.02	364.03

6+34.40 N c&g 6 El Cajon			
E	5.76	363.31	
C	5.82	363.25	
W	5.74	363.31	
T.P 4.97	369.01	5.03	364.04	
SWBP 42nd El Cajon	4.50	364.51	364.96
SWBP Marlborough & El Cajon	3.68	365.33	365.14

See next page for sketch


Meade Ave.
A.C. Pav.
110.18
125.18
15'
6 ±00
7.5
7.5
42 ±d
Blk 4
Wiltshire Pl.
Copeland Ave.
110
125
25'
A.C. Pav.
El Cajon Ave.

Change of Prop. Sewer on Pentuckett S. of Juniper

Moore 3-11-38

SWBP	6.20	272.63		266.43	Juniper Cor., W
		#4			
3+13.4	M.H.	82°18' Rt.	11.39	261.24	on STUB
+26.7	N. cb		11.39	261.24	
"	N. gut. bav.		11.97	260.66	
+56.7	S. edge "		12.27	260.36	
4			10.2	262.4	
+50			7.6	265.0	
5			5.5	267.1	
T.P.	3.26	271.10	4.79	267.84	
+50			2.1	269.0	
5+70	M.H. #5	130' Rt.	1.64	269.46	STUB
6			1.2	269.9	
+50			1.0	270.1	
7			2.3	268.8	
+50			4.4	266.7	
8			7.6	263.5	
+25	P.E.		9.53	261.57	
	of P.E.				
78' W	Fl. El. House		12.25	258.85	
50' E	of P.E.		5.0	266.1	
100 E	" "		1.9	269.2	
150 E	" "		3.7	267.4	

Indexed C.S.K.

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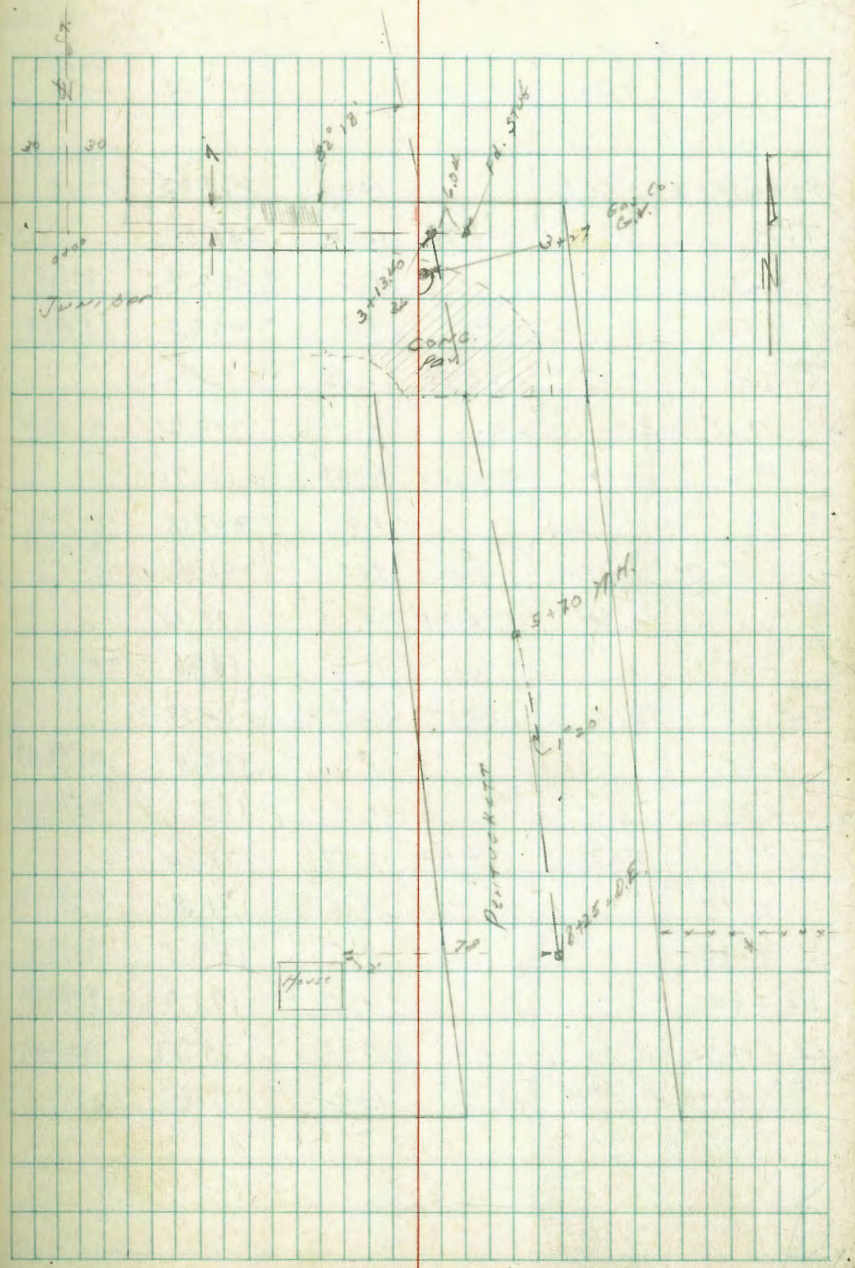
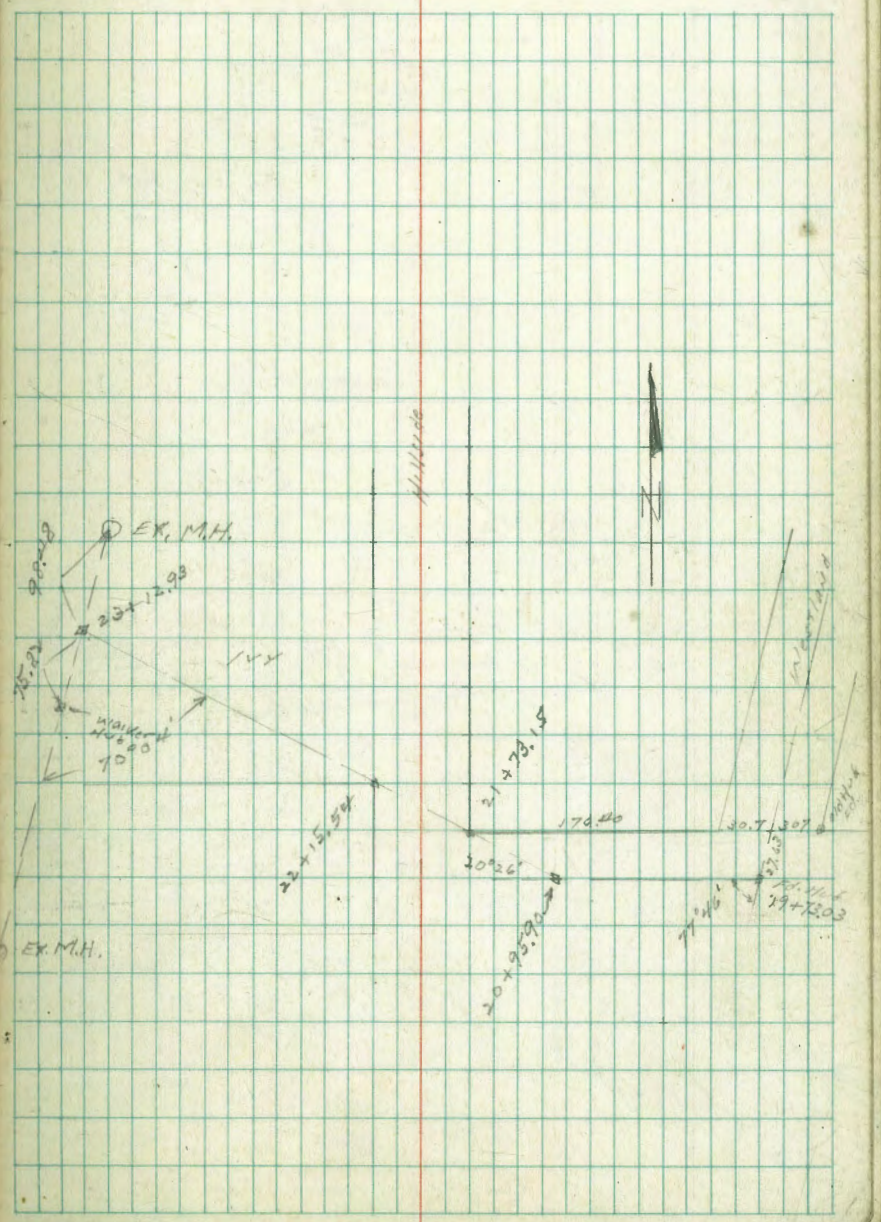


Change of Sewer ("8") at Ivy + Hillside

P.O.T. Stub 7+30	0.82	248.50		247.68	Sec 1316 p 78.
20+95.90 = Ø	20°26' Rt.		10.67	237.83	7+87.87 Stub
T.P.	0.10	235.98	12.62	235.88	
21+25			3.6	232.4	8+16.97
+50			9.3	226.7	8+41.97
T.P.	0.27	223.73	12.52	223.46	
21+73.15	NE Cor Ivy Hillside.		4.1	219.6	8+65.12
T.P.	0.12	210.82	13.03	210.70	
22			3.0	207.8	8+91.97
+15.54	SW Cor Ivy Hillside		9.35	201.47	9+07.51 Hub
T.P.	0.04	198.21	12.65	198.17	
+50			11.6	186.6	9+41.97
T.P.	0.30	185.67	12.84	185.37	
+65			5.3	180.4	9+56.97
+80			17.4	173.3	9+71.97
T.P.	5.32	178.42	12.57	173.10	
+90			4.6	171.8	9+81.97
+96			8.5	169.9	9+87.97
23+02			6.5	171.9	9+93.97
23+12.93	⌀ Ex. Sewer		7.21	171.11	10+04.90
98.48 N	M.H. Rim		2.08	177.34	177.28



4-4-38
Mills
Walker
Bliss

Prelim. Sewers. P.L.s 174-175 & 176

Schieffer

Indexed
C.S.K.

Norris

P.L. 174

"G" Line th Canyon

Fd. Pin N.E. Schieffer

Fd. Pin S.E. Cor Norris Lot

"E" Line

"F" Line

"C" Line

"A" Line

"B" Line

"D" Line

"C.1" Line

"G.1" Lin.

Rogers

Rosecrans

Choate

Brenner

P.L. 175

A Linestone

"A.1"

Pipe E. Line Rosecrans

Ex. Sewer ditch

Lot 27

Lot 28

Lot Mid.

Ex. M.H.

27 Rt. of 3a

Mon N. Lin. Bessemer

B.M. B.P.	1.13	29.18		28.05	N.W. Bessemer + Rosecrans
T.P.	2.42	23.27	8.33	20.85	
00-275 S	Ex M.H. Rim ℄ San Antonio Pl.		11.70 P.20	11.57	
00-245 E	" " F.L.		20.95	2.32	Profile 2.41
0+00 C.T. par. △			1.89	21.38	
R.i Rt. of sta. 0+03 = Ex M.H. Rim			1.77	21.50	
" " " " " " " " F.L.			13.77	9.50	
set. B.M. Mon	℄ San Antonio Place at P.C. East Line s. of Bessemer		3.76	19.51	
0+52. par S. End San Antonio Pl			0.72	22.55	
0+52 E Curb " "			0.41	22.86	
T-P	1.59	24.69	0.17	23.10	
0+73			1.8	22.9	
1+00			4.4	20.3	
1+53 Bk	on Lot Hub		5.92	18.77	
2+00			7.2	17.5	
2+50			7.9	16.8	
3+00			7.2	17.5	
3+50			8.4	16.3	
4+00			10.9	13.8	
4+55 Bk	Hub. N. Line P.L. 175		12.27	12.42	
T.P.	10.67	23.09	12.27	12.42	
5+06			11.2	11.9	
5+07			13.4	9.5	
5+14			16.0	7.1	
5+19			11.2	11.9	

5+55 ℄	9.5	13.6
5+55 5.8 ℄ = N. Side of N. Entrance of Garage. cmt floor	10.2	12.9
5+55 30' S of ℄ Ground. N. of House	10.8	12.3
6+14 ℄	6.3	16.8
6+14 4' S of ℄ cmt. patio S. Side House	9.32	13.77
6+14 20' S. " Porch Floor " " "	8.13	14.96
6+40 ℄	5.1	18.0
6+93 Bk spk 3' S. of Lot Line	4.71	18.38
7+03 ℄	4.8	18.3
7+04 ℄	3.6	19.5
15' E of ℄ at 7+04	7.3	15.8
7+50 ℄	3.9	19.2
12' E of 7+50	6.2	16.9
8+00 ℄	3.7	19.4
5' E of 8+00	4.9	18.2
8+50 ℄	3.3	19.8
5' E of 8+50	4.4	18.7
T.P. 10.06 30.49	2.66	20.43
9+00	12.3	18.2
9+20 Bk Hub. N. Line Rogers St.	11.85	18.64
9+50	10.8	19.7
9+75	9.8	20.7
9+85	10.9	19.6
10+00	11.0	19.5
10+25	10.3	20.2

30.49

5' Lt of Sta 10+25			11.4	19.1
10+50			6.2	24.3
8' Lt. of Sta 10+50			10.2	20.3
T.P.	11.86	34.90	7.45	23.04
0+00 A' Line = 6+93.29 Main Line				
A" Line 3' S. of Lot Line				
0+00			16.52	18.38
0+50			9.8	25.1
T.P.	12.84	45.86	1.88	33.02
0+97 = ℄ Line Roscerans {E. edge cut. el.}			9.72	36.14
0+97.4 Gutter Pan			10.15	35.71
0+99.5 Cross 2.5 W. of E. Line				
1+17 W. edge Pan			9.10	36.76
1+46.2 gutter			9.8	36.1
1+47.25 W. Line Roscerans {W. edge cut. el.}			8.87	36.99
1+56			8.5	37.4
1+58			3.0	42.9
7' Lt of 1+58 graded dirt Drive			8.0	37.9
22 " " 1+58 S. side Drive			8.0	37.9
T.P.	12.50	58.36	0.00	45.86
1+80				
℄			12.7	45.7
4' Lt			13.6	44.8
7' " N side Drive			16.5	41.9
22 " S. side of Drive			16.5	41.9
Grade of Drive acc. to Cut stake			17.0	41.4

58.36

2+30

℄	3.5	54.9
2' Lt	3.8	54.6
3' " N. side of Drive	7.8	50.6
22 " S side of Drive	7.7	50.7
Grade of drive acc. to cut stake	8.3	49.1 / 50.1
T.P. 12.90 70.97	0.29	58.07
2+80		
℄	9.0	62.0
+2 Lt N. side Drive	11.9	59.1
+22 Lt S " "	11.9	59.1
Grade of drive acc to Cut stake	12.3	58.7
3+30		
℄	0.0	71.0
+3 Lt N side drive	3.7	67.3
22 " S " "	3.4	67.6
Grade of Drive acc. to Cut stake	3.7	67.3
T.P. 12.83 83.78	0.02	70.95
3+79.3 = W. Line P.C. 174.		
℄ = 3' S. of Lot Line	+1.3	85.1
7' Lt	0.0	83.8
12 Lt = N side of Drive	7.6	76.2
22 Lt = S " " "	8.0	75.8
Grade acc to Cut stake	8.0	75.8
T.P. 12.60 94.98	1.40	82.38

"B" Line 3' W. of ℄ Line of P.L. 174

"D" Line

94.98

0+03	21. S of 0+00			18.2	76.8
0+12	12 " " "			18.7	76.3
0+17	7 " " "			11.0	84.0
0+24	3' W of ℄ Line of PL 174				
	0+00 3' S. of ℄ P.L. 175			9.4	85.6
0+47	0+23 N			5.3	89.7
0+62	0+38 N			3.7	91.3
0+89	0+65			2.2	92.8
1+11	0+87			3.0	92.0
1+24	1+00			2.4	92.6
	T.P.	12.92	105.41	2.49	92.49
1+47	1+23			14.1	91.3
1+62	1+38			12.8	92.6
1+84	1+60			9.2	96.2
2+10.6	1+86±	S. Line Finney Lot		7.9	97.5
2+60.6	2+36± =	N.E. Cor PL 174		4.06	101.35 on Mon.
	T.P.	12.87	117.23	1.05	104.36
	T.P.	13.19	130.42	0.00	117.23
	Top. M.H.	0+00 F.B. 1519-35		11.00	119.42 = 119.08
	T.P.	12.40	142.69	0.13	130.29
	T.P.	12.53	154.96	0.26	142.43
	T.P.	7.95	160.78	2.13	152.83

- B. Line
New. Stations

= 0+00

0+09

0+14

0+21

0+27 0+24.5 Lot. Line

0+44

0+60.6 0+57± M.H. 0+00 E. Line

0+59

0+86

1+08

1+21

1+44

1+59

1+81

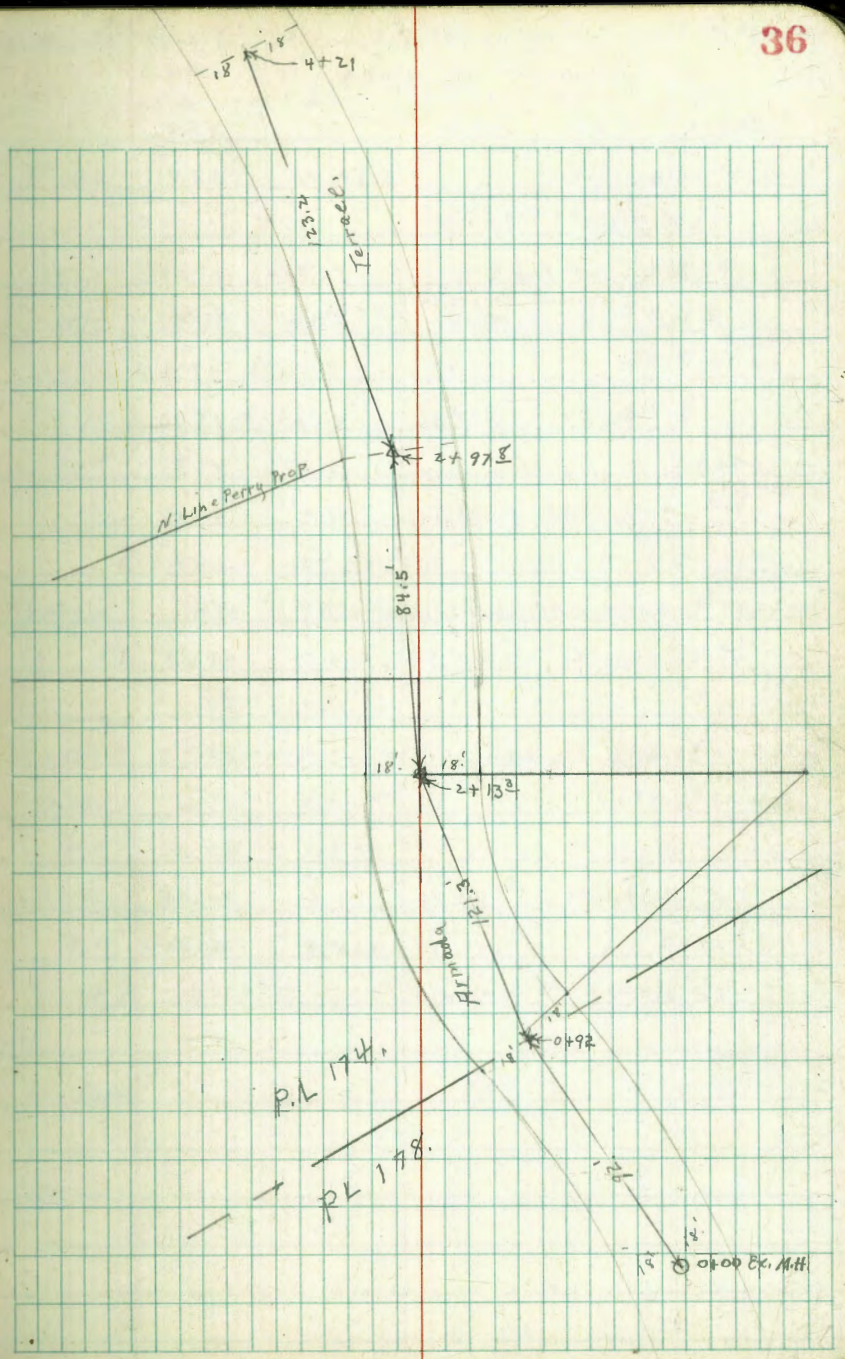
2+07.6

2+57±

4-5-38 Sewer Levels Armada Terrace from Ex. M.H. ℄ Armada bet. Lots 445 Cuesta Loma South

π/60.78

0+00 = Ex	M.H.	Rim	5.55	155.23
" " "		F.L.	11.45	149.33
0+92 chd ℄	N. Line P.L 174 / S. End Pav. △		6.14	154.64
13' W of 0+92 ℄			5.98	154.80
13' E "	" "	"	6.45	154.33
1+50			5.8	155.0	oiled Pav
2+13 3/8 4.5	℄ Armada at P.C. △		4.50	156.28	" "
2+97.8 1 23.2	△		2.05	158.73	" "
4+21.0			4.25	156.53	" "



0+99½ "C" Line from 0+99½ "A" Line to 3+87 "C" Line = on -21' B. Line

"C" Line

T.P. Page 34	0.00	45.86		45.86	
0+99½ (2.5' W. of ℄ Line Rosecrans. Cross Δ 24°-00' Lt. 2.0' W. of E. Curb Rosecrans 3.0 S. of Lot Division Line)			10.05	35.81	on Pav.
1+19± N. Edge Cmt. Pav.			8.77	37.09	
0+00					
1+51½ Stub (2' E of W. ℄ Rosecrans. 1' N. of S. side 25' Drive)			8.92	36.94	
0+10.9					
1+62⅓			8.0	37.9	
T.P.	12.50	58.36	0.00	45.86	
0+32.9					
1+84.3			16.5	41.9	
0+32.9					
1+84⅓	Grade of Alley Acc. Cut. Stake		17.0	41.4	
0+82.9					
2+34⅓			7.7	50.7	
0+82.9					
2+34⅓	Grade of Alley acc. to cut stake		8.3	50.1	
T.P.	12.90	70.97	0.29	58.07	
1+32.9					
2+84⅓			11.9	59.1	
1+32.9					
2+84⅓	Grade of Alley acc. to cut stake		12.3	58.7	
1+82.9					
3+34⅓			3.4	67.6	
1+82.9					
3+34⅓			3.7	67.3	
T.P.	12.83	83.78	0.02	70.95	
2+32.6					
3+84 "C"			8.0	75.8	
2+35.6					
3+87 "C" = (0+00 "F" 0+00 "B" Line New)					

"B" Line

"D" Line ℄ E. of W. Curb of Rosecrans St. from 1+51½ C Line = 0+00 "D Line" to + "D Line"

T.P. Page 34	1.77	47.63 ✓		45.86
0+00 "D" Line = 1+51½ "C" Line	3+21		10.69	36.94 Stub
0+47⅝ "D"	3+68.5		8.8	38.8
1' W of 0+47⅝ "D" = Cmt. ℄ N. End			7.51	40.12
1+00 "D"	4+21		6.7	40.9
1+30 "D"	4+51		5.6	42.0

E. Line From 3+87 "C" To serve (Norris Schieffer) Lot

T.P. Mon N.E. Pl. 174	13.10	114.45		101.35 Page 35
T.P.	12.67	120.07	2.05	112.40
0+82 "E" S.E. Cor Norris Lot			2.04	118.03 Bm. Pin.
0+60			9.5	110.6
T.P.	0.24	107.81	12.60	107.47
0+25			6.7	101.0
T.P.	0.20	95.20	12.74	95.00
0+00 "E" = 0+57½ "B" New Sta			4.0	90.8
T.P. Pipe	1.54	87.24	9.50	85.70 W. Line Cl. P.L. 175

"F" Line

"C" Line

		87.24			
2+35.6					
0+00 "F"	0+00 "B" New sta. = 3+87 "C"		10.38	76.86	on stub
2+93.6					
0+58			5.0	82.2	
2+88.6					
0+63			7.1	80.1	
3+01.6					
F 0+66	stub = 0+00 "G"		4.82	82.42	
T.P.	12.93	99.79	0.38	86.86	
3+21.6					
0+86			5.0	94.8	
3+32.66					
0+98 "F"	= N.E. Cor Schieffer		0.17	99.62	on pin.
	"G" Line	bottom of canyon			
		87.24			
0+00 "G"	= 0+66 "F"		4.82	82.42	stub
T.P.	12.93	99.79	0.38	86.86	
0+29			13.0	86.8	
0+35			11.8	88.0	
0+53			1.5	98.3	
0+67			0.5	99.3	
5' Lt of	0+67 ditch		3.3	96.5	
0+77			0.2	99.6	
3' Lt of	0+77 = ditch		1.2	98.2	
1+00			+5.2	104.0	
3' Lt. of	1+00 ditch		+3.3	103.1	
1+10	℄ = ditch		+5.3	105.1	

"A-1" Line

	5.35	23.73	18.38
7+03		5.0	18.7
7+04		3.8	19.9
+50		5.0	18.7
+58		5.8	17.9
8+00	N.G.	5.6	18.1
+50	Use line on page 37.	5.1	18.6
9+00		5.7	18.0
+06		7.3	16.4
+10		5.7	18.0
+50		5.1	18.6
+72.		6.0	17.7
+73.		9.0	14.7
+82.		12.0	11.7
+87		5.7	18.0
10+00		5.8	17.9
10+50		3.7	20.0

"C l" Line & 20' Easement.
Prelim Sewers. from 5+38.6 "A"
W to Rosecrans. & S. to 0+00 "D"
"B" Line

B.M. & Hub 4+55.57	8.97	21.39		12.42	N. Line P.L. 175

Bet 0+00 & 0+95 "C.l" Line there is a rough loose fill approx. 15' wide

0+00 "C.l" = 5+38.6 A Line

10' Rt.	Nat. gr		9.3	12.1	
℄	" "		8.8	12.6	✓
10' Lt.	" "		8.5	12.9	
		0+05			
10' Lt	N. g		7.2	14.2	
℄	Fill		5.3	16.1	(13.5)
10' Rt.	N. G		8.7	12.7	
		0+29			
10' Rt	N. g.		4.4	17.0	
4' Rt	Fill		2.0	19.2	
℄	Nat. gr		4.0	17.4	✓
10' Lt	" "		3.6	17.8	
T.P.	10.23	31.48	0.14	21.25	
		0+45			
8' Lt.	Nat. Gr.		11.2	20.3	
℄	Fill		4.5	25.0	(4.5)
10' Rt	Nat' Gr.		13.0	18.5	

31.48

0+60

47.7 / 97 / 144.7

6+38.6 / 17

17' Rt	Nat. Gr		11.0	20.5
10' "	Fill		5.7	25.8
℄	"		4.5	27.0 (21.9)
6' Lt	"		5.5	26.0
8' "	Nat. Gr.		9.0	22.5
		0+71		
8' Lt	Nat Gr.		7.1	24.4
℄	Fill		0.0	31.5 (23.6)
10' Rt.	"		3.6	27.9
17' Rt.	Nat. Gr.		8.3	23.2
T.P.	10.60	40.30	1.78	29.70
		0+85		
10' Rt	Fill		9.2	31.1
℄	"		5.7	34.6
8' Lt.	Nat Gr.		8.7	31.6

0+97 = E. Line Rosecrans

0+97.7	Top. E. el.	8.80	31.5
0+97.7	Gutter Pan	9.36	30.94
1+17	= W. Edge Pav.	8.40	31.9
1+44.7	Δ Lt. 2.5 E. of W Line Rosecrans	8.2	32.1
2' W. of 1+44.7	Top. W. el.	7.86	32.44
2+00	℄	7.3	33.0
2' W of 2+00	Top W. el.	6.61	33.69

		40.30			
2+50			6.0	34.3	
3+00			4.3	36.0 ✓	
3+21	Stub {6+00 "D Line- / 1+51 "Z"}		3.33	36.97	36.94

Page 37

Levels Proposed Culvert
In P.L.s. 174 - 175 + 178

BM. Stub	7.53	44.47 ✓	36.94	(page 37 0+00 "D" Line)
Catch basin #1 W. Side Rosecrans.				
Top. eb.		12.18	37.29	
Gutter on grating		13.16	31.31	
+2.5 East. "		13.07	31.40	
+2.5 "	F.L. 14" Pipe outlet	15.18	29.29	
Catch basin #2 E. side Rosecrans.				
2.5' W. of E. el. = W. edge Grating		13.57	30.90	
" " " " "	F.L. 14" Pipe inlet.	19.70	24.77	
20' curb. Inlet E. side Rosecrans				
S. End	el	13.10	31.37	
" "	Gutter	pavmt. 13.95	30.52	
℄	"	" 14.0	30.5	
℄	el.	13.05	31.42	
℄	F.L. 30" Pipe outlet	20.40	24.07	
N. End	Gutter	pavmt 13.90	30.57	
" "	el.	13.03	31.44	
0+00 Proposed. Culvert. = N.W. Ly Cor. Catch Basin #2				
Grating		13.57	30.90	
F.L. Box.		19.70	24.77	
	0+27			
W. Edge Pavmt.		12.61	31.86	
	0+71.2			
dirt. Gutter		12.2	32.3	
cmt. eb.		11.40	33.07	

Indexed
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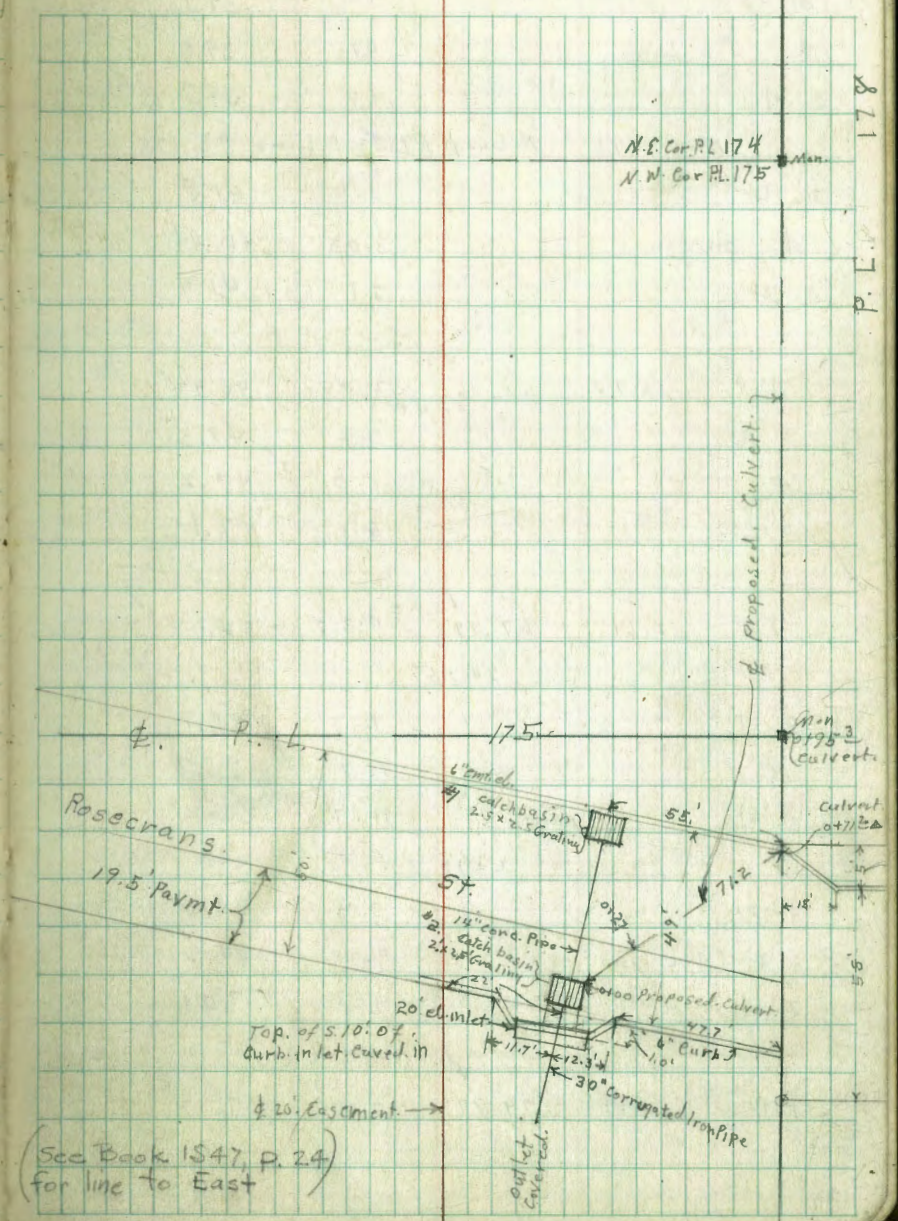
P.L. 174



		44.47		
		0+83		
3' Rt.			4.6	39.9
℄ = P.L. Line			4.7	39.8
3' Lt.			4.8	39.7
Mon 0+95	3 N. Line ℄ P.L. 175		S. Line P.L. 178	
3' Lt.			3.0	41.5
℄ on Mon			3.03	41.44
3' Rt.			3.1	41.4
T.P.	12.74	55.16	2.05	42.42
		1+40		
3' Rt.			7.9	47.3
℄			8.0	47.2
3' Lt.			8.1	47.1
T.P.	12.61	67.39	0.38	54.78
		1+75		
3' Lt.			11.7	55.7
℄			11.7	55.7
3' Rt.			11.7	55.7
		2+10		
3' Rt.			3.4	64.0
℄ = P.L. Line			3.2	64.2
3' Lt.			2.8	64.6
T.P.	12.77	79.89	0.27	67.12

79.89

Culvert.

2+50

3' Lt.			0.8	79.1
℄			1.0	78.9
3' Rt.			1.0	77.9
T.P.	12.70	92.40	0.19	79.70
		2+75		
3' Rt.			6.2	86.2
℄			6.2	86.2
3' Lt.			6.2	86.2
T.P.	12.69	102.91	0.18	92.22
		3+00		
3' Lt.			9.4	93.5
℄			9.4	93.5
3' Rt.			9.4	93.5
~~3+26~~ 3+28 = E. end Outlet 5 small 8." Conc. Culvert				
1' Rt. F.L. = ground			2.05	100.86
℄			2.0	100.9
3' Lt.			1.9	101.0
3+28 = Mon. N.W. Cor. P.L. 175				
3' Lt.			1.8	101.1
℄ on Mon			1.56	101.35
3' Rt.			1.3	101.6

Page 35.

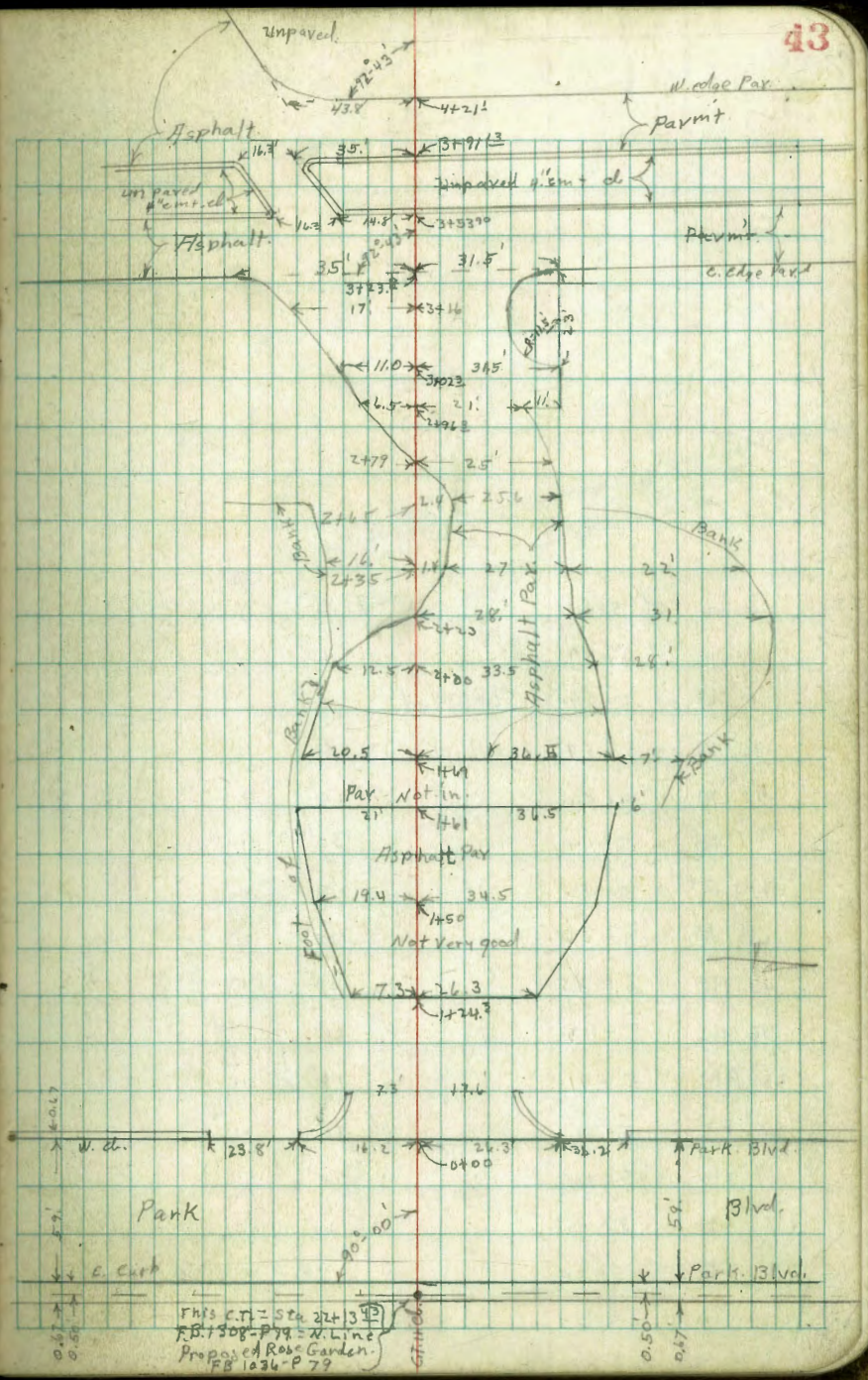
Topography for Proposed Road from Park. Blvd. to Alameda at Main Entrance to Zoo. Balboa Park

Indexed C.S.K.

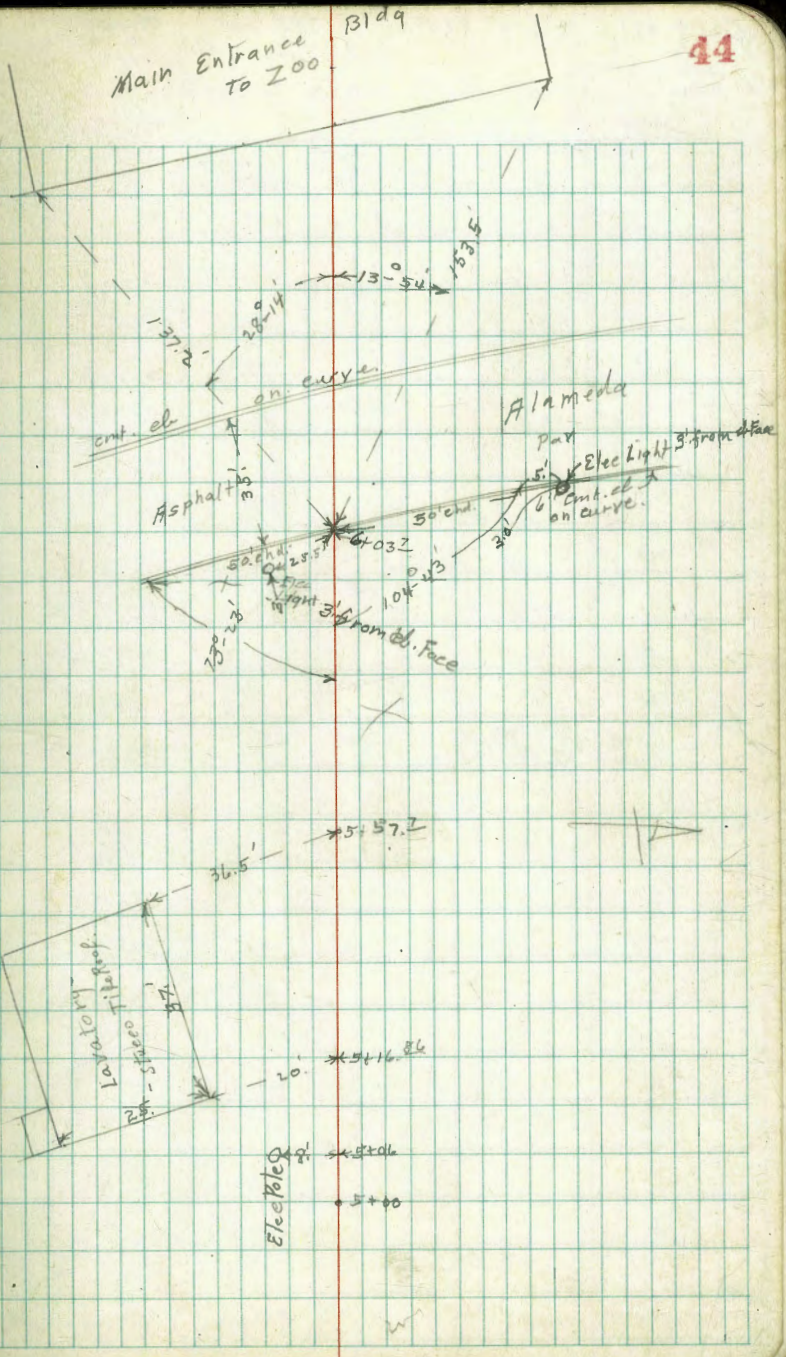
7-24-38

miller
Watts
Bliss

24.3' Lt of 2+24 Eucalyptus 10" Diam
22.2' Lt of 2+11 Eucalyptus 14" Diam
34.5' Lt of 2+00 Eucalyptus 16" Diam
28' " " 1+65 " 14" "
24 " " 1+60 " 16" "
22' Lt of 1+50 " 14" "
32.5' " " 1+48 " 12" "



3' Lt	of 5+40		Tree 6"	Diam
10' "	" 5+39		" 10"	"
5' Lt	of 5+39	Stump of	" 20"	"
76' Rt	" 5+57	Eucalyptus	" 30"	"
51' Rt.	" 5+50	"	" 20"	"
24' Rt	" 5+49	"	" 30"	"
24' Rt	" 5+46	"	" 8"	"
20' Rt	" 5+46	"	" 18"	"
43' Rt	" 5+45	"	" 20"	"
36' Rt	" 5+43	"	" 30"	"
28' Rt	" 5+41	"	" 18"	"
20' Rt	" 5+38	"	" 30"	"
1' Rt.	" 5+38	"	" 24"	"
7' Lt.	" 5+32	"	" 24"	"
13' Lt	" 5+30	"	" 16"	"
22' "	" 5+30	"	" 42"	"



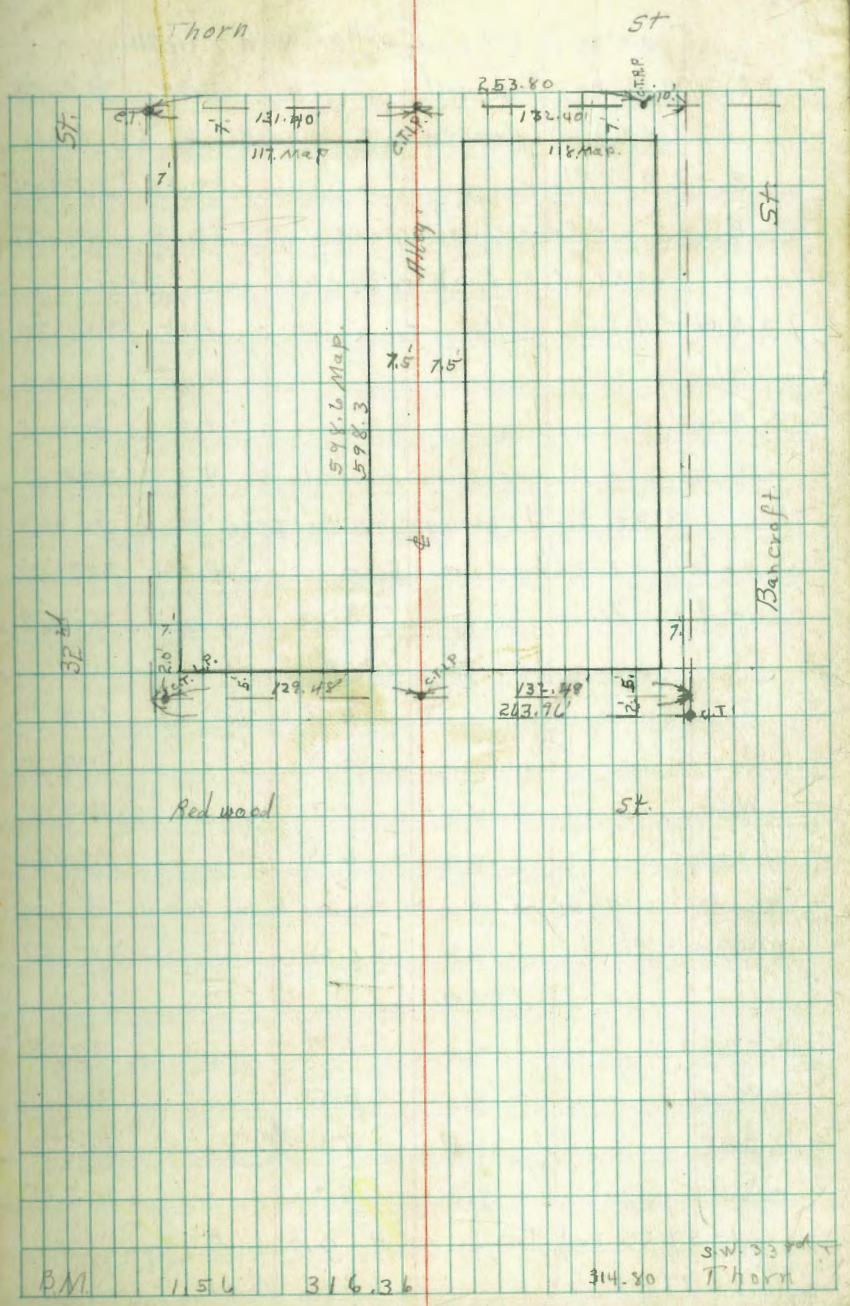
9-29-38
Miller
Walker
Bliss.

X Sec. Blk. L. Altadena

Indexed C.S.K.

Re Cross Sec # 580 Pag. 73

BM	6.94	318.55		311.61	N.W. 33rd & Redwood.
T.P	5.88	312.86	11.63	306.92	
10' E. of N. Line & N. Line Redwood St.					
W.	ch		5.84	306.96	
W.	pav		6.43	306.37	
℄	"		5.82	306.98	
E.	"		5.29	307.51	
E	ch.		4.60	308.20	
0+00 = N. Line Redwood					
E	ch. N End		4.45	308.35	
E	pav " "		5.00	307.80	
℄	" " "		5.63	307.17	
W	" " "		5.76	307.04	
W	ch " "		5.65	307.15	
0+03 N.					
W			4.6	308.2	
+1			4.6	308.2	
+3			5.5	307.3	
℄			5.5	307.3	
+4			5.4	307.4	
E			4.1	308.7	
0+20					
E			4.1	308.7	
℄			4.4	308.4	
W			4.3	308.5	



312.80

0+38 S. End conc wall on W. 0.7 in Alley

6.8	W. of ℄	Top. wall	3.84	308.96
	0+42	garage on E conc. floor	6.9 Back	
E − 6.9 = floor			2.79	310.01
E	= W. Edge conc. apron		3.93	308.87

0+56 N. End. above conc. wall on W 1.0' in Alley

6.5	W of ℄	Top. wall	4.04	308.74
W			4.5	308.3
℄			4.6	308.2
E			4.5	308.3

0+68 Double garage on W. conc. floor 9.0 Back

W − 6.0' = E. Edge conc. apron			5.38	307.42
W − 9.0. floor		5.22		307.58
		1+00		
E		4.7		308.1
℄		5.3		307.5
W		5.7		307.1
+10		6.5		306.3

1+23 garage on W. conc floor 9.0' Back.

W − 9.0 = floor		6.13		306.67
		1+50		
W − 5		6.3		306.5
W		6.0		306.8
℄		5.6		307.2
E		5.3		307.5

1+59 = S. End Fence on W. 0.5' in Alley

1+77 N " " " " on W. Line

312.80

T.P.	5.00	311.72	6.68	306.72

1+89 garage on W conc. floor 7.0 Back

W − 4.7 E. Edge conc apron			5.36	306.36
W − 7. = floor			5.24	306.48
		2+00		
E			4.5	307.2
℄			5.0	306.7
W			5.3	306.4
+10			5.8	305.9

2+06 garage on W. conc floor 12.2 Back

W − 9.8 = E. Edge conc Apron			5.74	305.98
W − 12.2 = floor			5.69	306.03

2+20 = S. End. Fence on W. 0.5' in Alley

2+38 = N " " " " 0.1' " "

		2+40		
W − 10			5.5	306.2
W			5.0	306.7
℄			4.9	306.8
E			4.5	307.2
		2+75		
E			4.5	307.2
℄			4.8	306.9
W			5.1	306.6
+10			5.7	306.0

311.72

3+11 Garage on ℄ cone floor 24.7 Back

W-10			6.4	305.3
W			6.2	305.5
℄			5.4	306.3
E			5.2	306.5
+6.5	=W. End. cone Apron.		4.40	307.12
+24.7	= floor.		3.6	308.1
		3+15		
℄	Top. M.H.		5.12	306.60
℄	ground		5.3	306.4
		3+50		
E			6.1	305.6
+2			6.9	304.8
℄			6.7	305.0
W			7.2	304.5
+10			8.2	303.5
		3+90		
W-10			11.2	300.5
W			10.1	301.6
℄			9.2	302.5
+3			8.2	303.5
E			8.0	303.7
T.P.	3.69	303.17 ✓	12.24	299.48 ✓

303.17

4+30

E-5 on New fill		2.3	300.9
E		4.3	298.9
℄		5.0	298.2
W		5.5	297.7
+10		6.9	296.3
	4+42		
W-15		11.0	292.2
W		8.0	295.2
℄		7.3	295.9
+3		4.3	298.9
E		4.6	298.6
+2		4.4	298.6
+3	New fill	2.5	300.7
+10	" "	2.5	300.7
	4+56		
E-15		10.2	293.0
E		10.1	293.1
℄		11.2	292.0
W		10.5	292.7
+4		9.0	294.2
+15		9.0	294.2
	4+75		
W-12. floor Level		5.8	297.5
W-12. E side House		9.0	294.2
W.		13.1	290.1
℄		15.2	288.0
+5.		15.2	288.0

E	14.8	288.4
E+15	14.5	288.7
4+85		
E-25	16.5	286.7
E. ℄ wash to E.	19.0	284.2
℄	17.0	286.2
W	14.4	288.8
+12 = E. side House	9.5	293.7
5+05		
W-8.5 ground under Porch	8.8	294.4
W-3.5 " " E edge Porch	11.1	292.1
W-3.5 " " "	5.8	297.4 = floor of House
W	12.8	290.4
℄	14.8	288.4
E	14.4	288.8
E+17 ℄ wash	18.7	284.5
E+30	17.0	286.2
5+20		
3-37	15.6	287.6
E-27 ℄ wash	17.6	285.6
E-10	13.6	289.6
E	12.8	290.4
℄	12.0	291.2
W	11.8	291.4
+10	9.0	294.2

5+39 = S. End Stucco Store on W 3. Back.

W-10	5.7	297.5
W-3 = S.E. Cor	4.7	298.5
W-8. " " Bottom of conc Joist dirt can spill under the Building	1.5	301.7
W	4.7	298.5
℄	5.0	298.2
E	5.5	297.7
+15	9.7	293.5
±38 ℄ wash.	14.9	286.3
T.P. 6.62	307.62	2.17 301.00
5+49		
E	5.6	302.4
℄	6.0	301.6
W	5.9	301.7
+3 W. end of opening under Conc Beam	5.9	301.7
+3 = Doorway of Store	3.5	304.1
5+75		
W-3 E side Bldg	5.0	302.6
W	5.0	302.6
℄	5.3	302.3
E	5.0	302.6

307.62

5+98.3 = S. Line Thorn St.

E	el	S. End	3.76	303.86	
E	pav	" "	3.99	303.63	
℄	"	" "	4.21	303.41	
W	"	" "	4.15	303.47	
W	el	4 "	3.91	303.71	
	10' N of S. Line = S. el. of Thorn.				
W.	el		4.15	303.47	
W	pav		4.75	302.87	
℄	"		4.61	303.01	
E	"		4.53	303.09	
E	el		3.84	303.74	
T.P.	12.63	316.34	3.91	303.71	S. Line Thorn T.o.p. W. Curb of Alley
chk. BM. S.E. 33rd & Thorn			1.56	314.78	=31480

9-29-38 mile Watkins Bliss -

X Sec. 56th St. Mead to Trojan
50 wide. 10 cbs 7.5 1/4s.

N.E. 56th + El Cajon N.E. 7' C.T. 56 + Adelaide

B.M.	0.00	437.77		437.77	
T.P.	1.28	426.75	12.30	425.47	S. End. pav't edge walk on W
		10' N of S. Line = S. of Line Mead.			
E. cent. of W End			4.67	422.08	
E pav. S. edge			5.25	421.50	
cb. 1. " "			5.50	421.25	
1/4 " " "			5.24	420.47	
℄ " " "			5.21	421.54	
1/4 " " "			5.52	421.23	
cl " " "			5.92	420.83	
concr. S. End			5.27	421.48	
+5 ℄ 5' walk			5.24	421.51	
W			4.2	422.6	
	0+00 = S. Line Mead.				
W			3.4	423.0	
cl			4.7	422.1	
1/4			5.7	421.1	
+4			5.7	421.1	
℄			5.7	421.1	
1/4			5.3	421.5	
cl			4.8	422.0	
E			4.0	422.8	
2.5 N of C. = S. W. Cor conc. walk.			4.57	422.18	

Indexed C.S.K.

426.75

0+10

50

E	2.7	424.1
cl	2.8	424.0
1/4	3.6	423.2
+2	5.3	421.5
℄	6.1	420.7
+2	6.1	420.7
+5	3.8	423.0
1/4	3.8	423.0
cl	3.8	423.0
W	3.4	423.4
	0+30	
W	4.1	422.7
cl	4.2	422.6
1/4	3.8	423.0
+3	4.0	422.8
+4	5.5	421.3
℄	7.5	419.3
+6	6.6	420.2
1/4	4.1	422.7
cl	2.8	424.0
E	2.5	424.3

426.75

0+75

E	3.1	423.7
el	3.7	423.1
1/4	4.3	422.5
+2	4.9	421.9
4	7.3	419.5
℄	9.1	417.7
+5	8.1	418.7
1/4	6.3	420.5
el	4.7	420.1
W	6.1	420.7

1+20

W	10.4	416.4
el	10.7	416.1
1/4	10.4	416.4
+3	10.4	416.4
+5	13.4	413.4
℄	14.0	412.8
+5	14.0	412.8
+6	9.4	417.4
1/4	9.1	417.7
el	7.3	419.5
E	5.5	421.3

1+60

E	10.1	416.7
el	11.0	415.8
1/4	11.6	415.2

426.75

+5			13.0	413.8
T.P.	0.83	415.23	12.35	414.40
E			3.9	411.3
1/4			5.1	410.1
+1			1.4	413.8
el			1.4	413.8
W			1.6	413.6

2+00

W	3.4	411.6
el	3.6	411.6
1/4	3.4	411.8
+5	3.4	411.8
℄	9.6	405.6
1/4	5.4	409.8
+3	3.1	412.1
el	2.8	412.4
E	2.7	412.5

2+50

E	6.2	409.0
el	6.2	409.0
+5	6.3	408.9
1/4	10.6	404.6
+3	13.6	401.6
+6	13.6	401.6

		415.23		
		2+50 (con)		
℄			6.6	408.6
1/4			7.0	408.2
el			7.1	408.1
W			7.0	408.2
		2+70		
W			8.8	406.4
el			8.8	
1/4			8.8	406.4
+6			8.8	406.4
℄			14.8	400.4
1/4			15.3	399.9
+4			15.1	400.1
el			8.8	406.4
E.			8.5	406.7
		3+00		
E.			11.8	403.4
el			12.2	403.0
+5			12.2	403.0
1/4			16.7	398.5
+5			16.7	398.5
+6			12.3	402.9
℄			12.3	402.9
1/4			12.2	403.0
el			12.2	403.0
W			12.2	403.0
T.P.	0.20	402.98	12.45	402.78

402.98

3+50

W.		5.2	397.8
el		5.3	397.7
1/4		5.4	397.6
+3		5.5	397.5
+5		7.5	395.5
℄		7.8	395.2
+6		7.8	395.2
1/4		5.3	397.7
el		5.4	397.6
E		5.1	397.9
		3+70	
E		7.2	395.8
el		6.8	396.2
1/4		6.6	396.4
℄		6.9	396.1
A1	wash	9.8	393.2
1/4	wash	10.1	392.9
+2		7.3	395.7
el		7.4	395.6
W		7.0	396.0
		4+00	
W		10.1	392.9
el		10.2	392.8
1/4		10.3	392.7
+2	wash	12.5	390.5
℄	wash	12.5	390.5

		402.98		
		4+00 (con)		
℄+2			10.1	392.9
1/4			10.0	393.0
℄			9.8	393.2
℄			9.9	393.1
T.P.	0.39	390.59	12.78	390.20
		4+50		
℄			1.0	389.6
℄			1.4	389.2
1/4			1.1	389.5
℄			1.6	389.0
1/4	wash		3.4	387.2
+6	wash		4.0	386.6
℄			1.9	388.7
W			2.0	388.6
		4+45		
W			2.7	387.9
+2			3.0	387.6
+4	wash		4.5	386.1
℄	"		4.6	386.0
+1			2.3	388.3
1/4			2.0	388.6
℄			1.7	388.9
1/4			2.0	388.6
℄			2.0	388.6
℄			2.0	388.6

390.59

		4+70	
℄		2.4	388.2
℄		2.5	388.1
1/4		2.2	388.4
℄		2.0	388.6
1/4		2.2	388.4
℄		2.5	388.1
+4		2.8	387.8
+5	wash	5.0	385.6
W	"	5.0	385.6
+3	"	5.0	385.6
+5		3.0	387.6
+10		3.0	387.6
		4+75	
-15		3.4	387.2
-10		3.4	387.2
-9	wash	5.2	385.4
-2	"	5.0	385.6
W		3.0	387.6
℄		2.8	387.8
1/4		2.4	388.2
℄		2.2	388.4
1/4		2.4	388.2
℄		2.7	387.9
℄		2.7	387.9

390.59

			5+00	
E			4.1	386.5
d			4.1	386.5
1/4			4.1	386.5
℄			4.0	386.6
1/4			4.3	386.3
d			4.6	386.0
W			4.6	386.0
			5+45	
W			7.3	383.3
d			7.0	383.6
1/4			6.6	384.0
℄			6.6	384.0
1/4			6.5	384.1
d			6.9	383.7
E			6.5	384.1
			5+50	
E			7.9	382.7
d			7.2	383.4
1/4			6.8	383.8
+4	wash N End		8.8	381.8
℄			7.0	383.6
1/4			7.0	383.6
d			7.0	383.6
W			7.4	383.2

390.59 56th St 54

5+80 P.C. 20' Prop. Rad.

W		9.0	381.6
d		9.2	381.4
1/4		9.4	381.2
℄		10.0	380.6
+2	wash	11.1	379.5
+6	"	11.0	379.6
1/4		9.6	381.0
d		9.8	380.8
E		10.0	380.6
	6+00 = N Line Trojan		
E		12.5	378.1
d		12.1	378.5
1/4		11.8	378.8
+3	wash	13.1	377.5
℄		11.7	378.9
1/4		11.3	379.3
d		10.7	379.9
W		10.5	380.1
	6+30 = S. Line Trojan		
W		13.1	377.5
d		13.4	377.2
1/4		14.0	376.6
℄		15.0	375.6
1/4		15.2	375.4
d		16.0	374.6
℄		16.2	374.4
+10		17.4	373.2

Set B.M.	Top Mon	390.59 (Sta 5+80 ± ℄ Line P.C. 20' Prop Road.	10.03	380.56	
T.P.	0.73	378.70	12.22	378.37	
T.P.	1.18	371.10	8.78	369.92	
B.M. B.P. Headwall			7.30	363.80 ±	S.W. 54th Orange
				363.75	

Indexed
C.S.K.

Moore
10-28-38

10.49

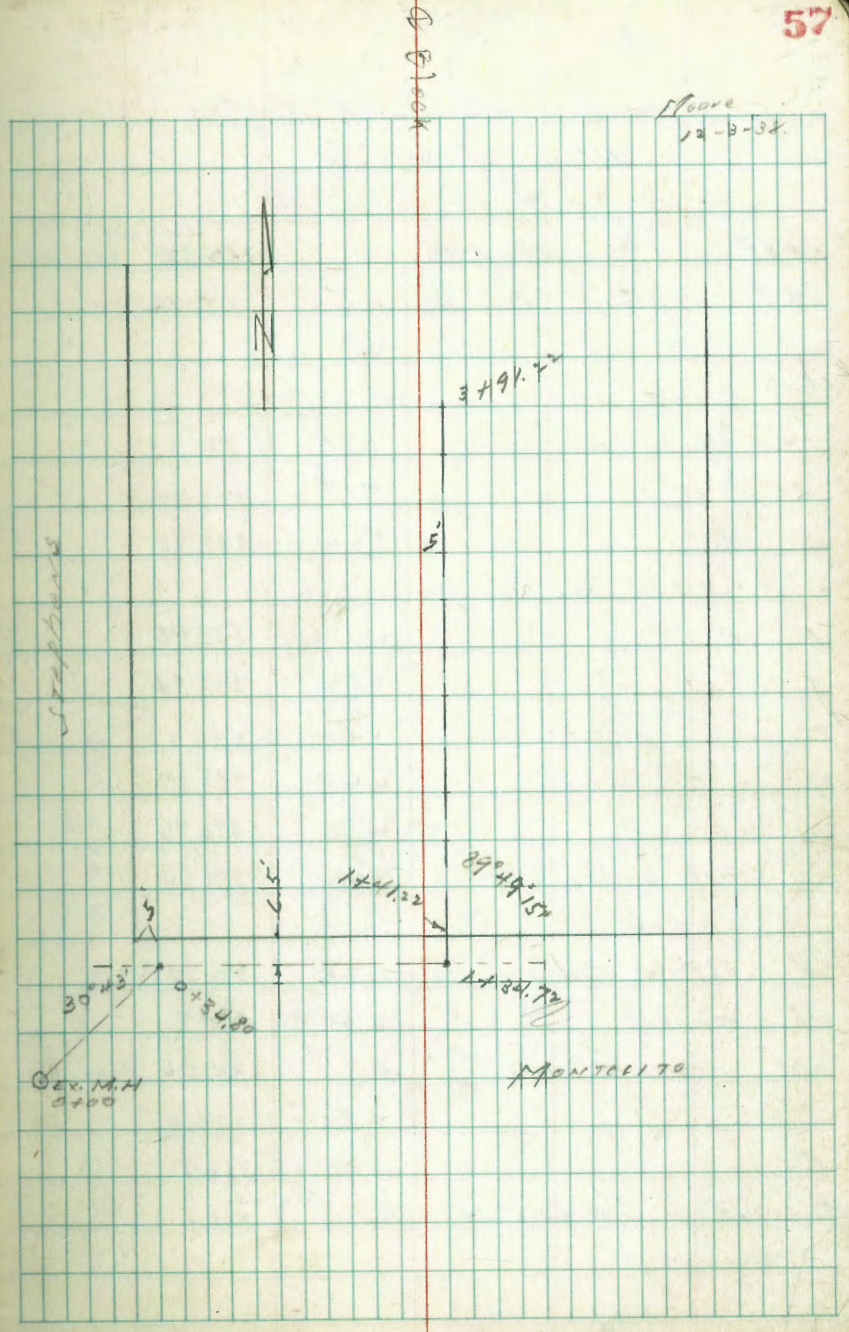
Levels on EMERSON St. 70' wide.
Rosecrans to Scott

7' I'l'on.		0.57	10.49	9.92	Rosecrans Dickens
			North Line Emerson		
0+00	= Ely Rosecrans		5.9	4.6	
+24	N.L. E	walk	6.26	4.23	
+45	" "	7' Drive	6.57	3.92	
1	"		7.8	2.7	
+12	" "	3' walk	8.10	2.34	
+30	" "	7' Drive	8.09	2.40	
+44	" "	4' walk	8.33	2.16	
+64	" "	7' Drive	8.37	2.12	
+81	" "	3' walk	8.44	2.05	
+95	" "	7' Drive	8.34	2.15	
✓			8.5	2.0	
+25	" "	3' walk	8.38	2.11	
+38	" "	7' Drive	8.48	2.01	
+50	"		9.1	1.4	
3	" = WL Scott		9.9	0.6	
		SL Emerson			
0+00	SL on WL Scott		8.9	1.6	
+31	" E	3' walk	8.20	2.29	
+59	" "	10' Drive	7.98	2.51	
+84	" "	3' walk	7.51	2.98	
1+00	on S.L.		7.4	2.8	
+50	" "		7.5	2.9	
✓	" "		6.9	3.6	
+50	" "		4.3	4.2	
3	" " = Ely Rosecrans		5.4	5.1	

Prop. Sewers
Blk 3 N. Florence Hts.

Indexed
E.S.K.

"					
SEBP	2.2	278.00		275.76	Sewer Stephens
0+00	Ex M.H. F.L.		7.33	270.67	
"	Rim & Pass		4.78	273.22	
0+28	Out "		4.93	273.07	
"	Top 06		4.41	273.59	
0+34.80	△ on stub		4.23	273.77	
+50	Lawn		4.1	273.9	
1	"		3.4	274.6	
1+18	W edge Con. Dr.		3.27	274.73	
1+27	E " " "		3.2	274.88	
1+34.72	△ stub		2.93	275.07	
1+36.2	S edge Con. Sdw.		2.96	275.04	
1+41.22	N " " "		2.85	275.15	
"	Top 8"	" Retain Wall	1.88	276.12	
TP.	9.06	284.32	2.74	275.26	
1+91.2			7.1	277.2	
2+41.2			6.1	278.2	
2+91.2			5.1	279.2	
3+41.2			3.8	280.5	
3+91.2			2.5	281.8	



Indexed c.s.k.

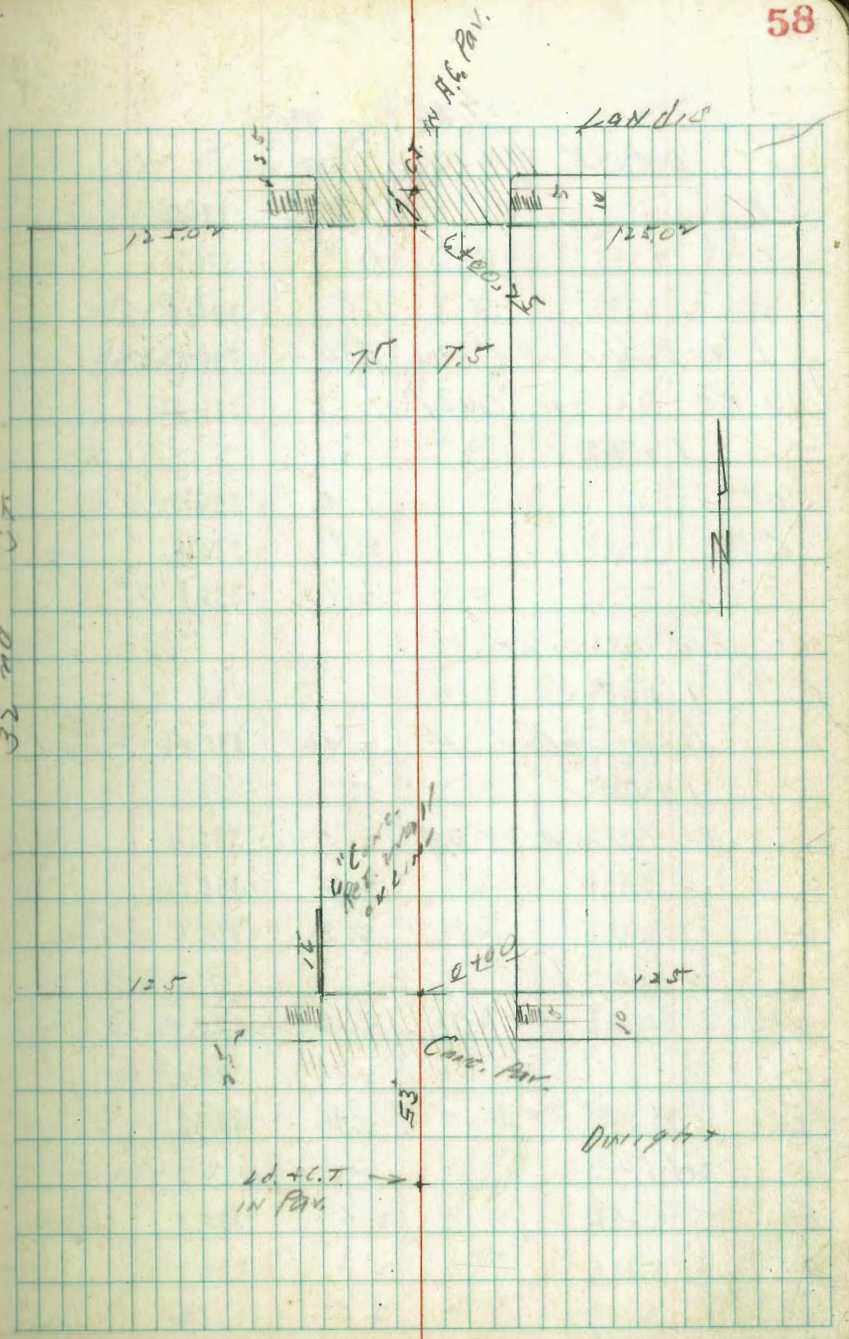
Moore 12-4-38.

Alley

xSec Blk 46 Park Villas

alley 15' wide

NEBP	5.90	338.56		332.66	31 st Dwight
T.P.	2.70	337.86	2.40	335.16	
	0-10 N of Dwight				
W gut. Par.			5.01	332.85	
C "			5.17	332.79	
E "			5.26	332.60	
	0+00 N of Dwight				
E of			4.01	333.45	
E Par			4.52	333.34	
C "			4.63	333.23	
W "			4.47	333.39	
W of			4.30	333.56	
W Top 6" conc. Ret. Wall			1.22	336.64	
0+16					
W Top N end "			1.22	336.64	
W ground			2.2	335.7	
W bot. ft. "			3.3	334.54	334.60
C			2.5	335.4	
E			1.8	336.1	
E +2.3 ground base of chimney			1.8	336.1	



337.86

0+45

E		1.7	336.2
C		1.7	336.2
W		1.5	336.4
+3 E apron 8' wide		1.30	336.56
+5.5 S.W. gar. conc. ft.		1.28	336.58
1+00			
W		1.6	336.3
C		2.1	335.8
E		2.1	335.8
21' shed in alley 0.5			
1+29.			
E fence in alley 0.4		2.40	335.46
1+50			2' conc. walk
E fence in alley 0.5		2.5	335.4
C		2.4	335.5
W		2.3	335.6
2+00			
W-10			335.2
W		2.6	335.3
C		2.7	335.2
E		2.7	335.2
2+50			
E		2.6	335.3
C		2.6	335.3
W		2.5	335.4
W+10			335.2

337.86

T.P.	5.45	340.87	335.42
3+00			
W-10			335.8
W	5.0		335.9
C M.H. Rim	5.6		335.3
C ground	5.3		335.6
E	5.3		335.6
+2	5.6		335.3
3+50			
-2	5.4		335.5
E	5.2		335.7
C	5.1		335.8
W	4.9		336.0
W+10			335.8
4+00			
W-10			336.0
W	5.1		335.8
C	5.1		335.8
E	5.3		335.6
+2'	5.4		335.5
4+24			
E E 3' conc. walk	4.4		336.23
4+30			
W E 3' " "	4.8		336.05
4+50			
E	4.6		336.3
C	4.7		336.2
W	4.9		336.0
W+10			336.4

		340.87			
	4+84				
W -19	Sin. gar. Cem.		4.23	336.64	
W			4.4	336.5	
	5+96				
W -19	Sin. " "		4.06	336.81	
W			4.4	336.5	
	5+00				
W -10				336.5	
W			4.3	336.6	
C			3.8	337.1	
E			3.6	337.3	
	5+37				
-5	Sin. gar. Cem.		3.10	337.74	
E			3.4	337.5	
C			3.2	337.7	
W			3.7	337.2	
+4	10' apron	"	3.70	337.17	
+9	Sin. gar	"	3.54	337.33	
	5+70				
-2.5	Cem. walk		2.34	338.51	2 inlet
W			2.8	338.1	
C			3.0	337.9	
E			2.7	338.2	
T.P.	4.30	342.19	2.98	337.89	

342.19

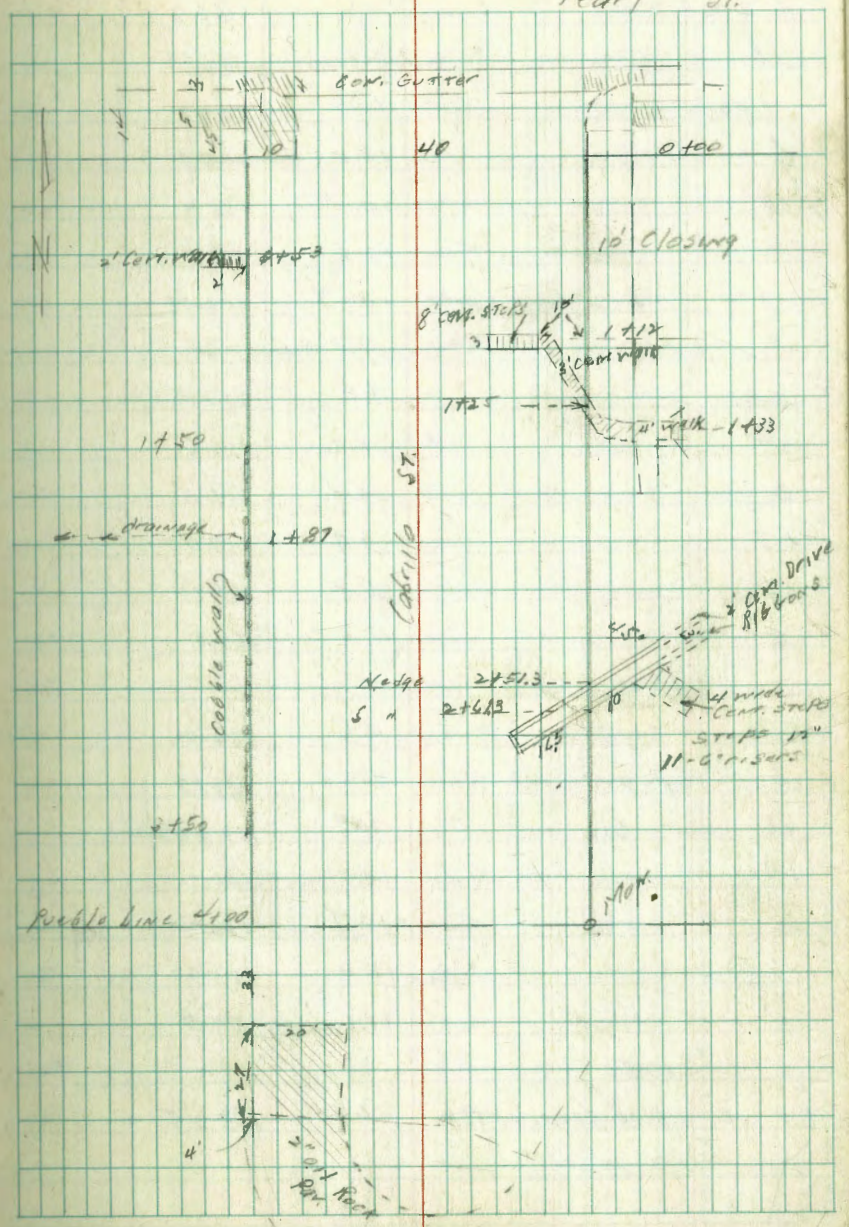
5+90

E	4.8	337.4	
C	4.5	337.7	
W	4.4	337.8	
+2.5 Cem walk	4.0	338.2	
6+00.25 St Lamb's			
W cb	4.61	337.58	
W Pav	4.75	337.44	
C "	5.01	337.18	
E "	4.97	337.22	
E cb	4.88	337.31	
6+10.25 St cb Lamb's			
E Pav	5.49	336.70	
C "	5.44	336.75	
W "	5.39	336.80	
T.P. 9.82	348.21	8.79	339.40
T.P. 9.42	340.07	8.76	339.45
T.P. 4.88	338.24	4.71	333.36
		5.58	332.66
9.70	348.09		338.39
Sw B.P. 32nd Wrightsman		1.49	346.60
RR's in Burn shape in this vicinity			

Moore 2-2-39

	X sec Cabrillo St.	50' wide	10.065	
	Pearl S/y 400'			
SW Top Curb	10.89	166.93	156.04	Pearl Cabrillo
				1440-35
	0-14 Sct Pearl			
W c6		10.93	156.00	
" gut		11.90	155.03	
C "		11.37	155.56	
E "		10.99	155.94	
+10	S/W c6 HC	10.73	156.20	?
+10	gutter	9.83	157.10	?
	0+00 St Pearl			
E Top c6		9.97	156.96	
gut		10.5	156.4	
C		10.9	156.0	
c6 gut		11.7	155.7	
c6 Top		10.89	156.04	
	0+25			
W		10.3	156.6	
c6		10.5	156.4	
C		10.4	156.5	
+6		10.3	156.6	
c6		5.0	161.9	
E		3.9	163.0	
	0+53			
E		3.1	163.8	

Indexed
C.S.K.



166.93

E +6			4.2	162.2
cb			5.8	161.1
+10			9.4	157.3
C			10.0	156.9
cb			10.5	156.4
W			10.7	156.2
+2	E 2' Cent walk		10.27	156.76
	1+00			
W			9.9	157.0
cb			10.6	156.6
C			10.4	156.5
+5			9.9	157.0
cb			5.8	161.1
E			4.1	162.8
	1+12			
E			4.1	162.8
cb	Top Top Step		5.40	161.53
+8	" Bot. "		9.49	157.44
+9			10.1	156.8
C			10.7	156.2
cb			11.0	155.9
W			11.1	155.8
	1+25			
E	E of 3' Cent. walk		3.68	163.25

166.93

1+33

-10			12.6	154.3
W			11.9	155.0
cb			11.8	155.1
C			11.5	155.4
+8			10.6	156.3
cb			6.2	160.7
E			4.2	162.7
+10	E 4' Cent walk		1.48	165.45
	1+50			
E			4.4	162.5
+4			5.7	161.2
cb			8.1	158.8
+5			10.5	156.4
C			11.3	155.6
cb			12.0	154.9
W			12.2	154.7
+10			12.8	154.1
	1+87			
-10	Low spot in St.		12.9	154.0
W			12.0	154.9
cb			11.6	155.3
C			10.8	156.1
+12			9.9	157.0
cb			8.7	158.2
E			6.1	160.8

166.93

2+00			
−5 Yard		0.9	166.0
E		3.8	163.6
cb		9.9	157.0
C		11.0	155.9
cb		11.4	155.5
W		11.7	155.2
+10		12.7	154.2
2+40			
−10		11.3	155.6
W		10.7	156.2
cb		10.7	156.2
C		9.7	157.2
+12		8.7	158.2
cb		7.4	158.5
E		2.3	164.6
2+51.3 N edge N 2' Conc. R.66.66N			
E		3.77	163.21
cb		5.5	161.4
+7		8.4	158.5
C		8.9	158.0
cb		9.7	157.2
W		10.0	156.9
+10		10.5	156.4

166.93

63

S. R.66.66N Level with

2+51.3 SEC. ON	N. of 2' Conc. R.66.66N	N. R.66.66N
E	3.77	163.21
+73. box R.66.66N	7.17	159.76
E +10	2.35	164.58
2+61.3 TANGENT 90°		
E −5	0.9	166.0
E Edge of S R.66.66N	4.75	162.18
cb N " " N "	5.96	160.97
+8	7.8	159.1
C	8.4	158.5
2+68		
+10	9.6	157.3
W	8.9	158.0
cb	8.7	158.2
C	8.7	158.2
+8 Conc R.66.66N	7.17	159.76
cb	6.4	160.5
+4 " "	6.01	160.92
E	2.1	164.8
T.P. 1306 178.84	13.06	165.78
3+00		
E	9.7	169.1
cb	13.1	165.7
+10	17.3	161.5

178.84

		178.84		
C			18.0	160.8
CB			18.0	160.8
W			18.6	160.2
+1W	LAWN		20.8	158.0
	3+44			
-25	LAWN		20.8	158.0
-15			19.0	159.8
-W			15.5	163.3
WI			13.6	165.2
CB			13.5	165.3
C			13.6	165.2
+6			12.7	166.1
CB			7.7	171.1
E			3.6	175.2
	3+50			
-10			14.7	164.1
W			13.0	165.6
CB			13.0	165.6
	3+70			
E			2.6	176.2
+6			3.8	175.0
CB			6.1	172.7
+7			10.0	168.8
+13			10.6	168.8
C			11.6	167.2
CB			11.5	167.3
W			11.8	167.0
+10			13.0	165.8

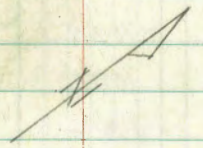
178.84

	4+00		
-10		11.0	167.8
WI		9.4	169.4
CB		9.3	169.5
+13		9.7	169.1
C		8.6	170.2
+9		7.8	171.0
CB		3.5	175.3
E		+1.3	180.1
	33' S of P.C.		
E	20' Par	7.30	171.5
W	" "	7.15	171.69
	40' S of P.C.		
W	20' Par	5.4	173.4
E	" "	4.4	172.4

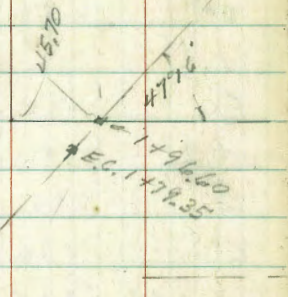
Xsec of W Wabaska
Tennyson to Voltaire

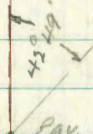
Indexed
C.S.K.

Proposed widening
to 80'



Tennyson





Δ = 43°49' Rt.
ER = 240
T = 94.09
L = 179.35

P.I. Ld. C.T. Pav.

Pt. Loma Hts.

B.C. 0+00 Ld. C.T. Pav.

239.95

55 Warrington

Ld. C.T. Pav.

30 25 5

E Wabaska St.

42°28'

Moore
2-14-39

Plotted on Tie sheet.
C.S.K.

3+35.26

101.82

5.37

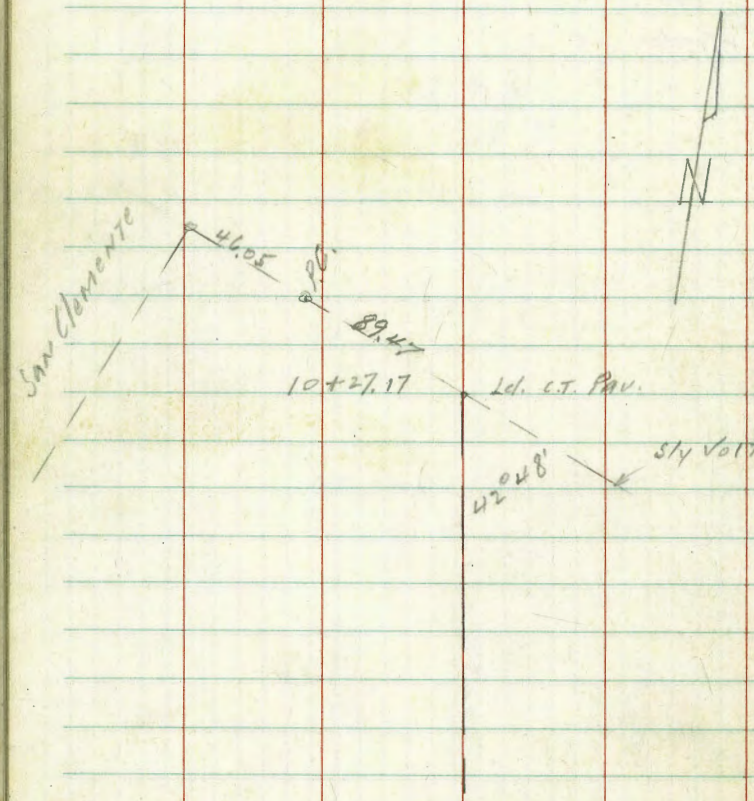
50 Warden St.

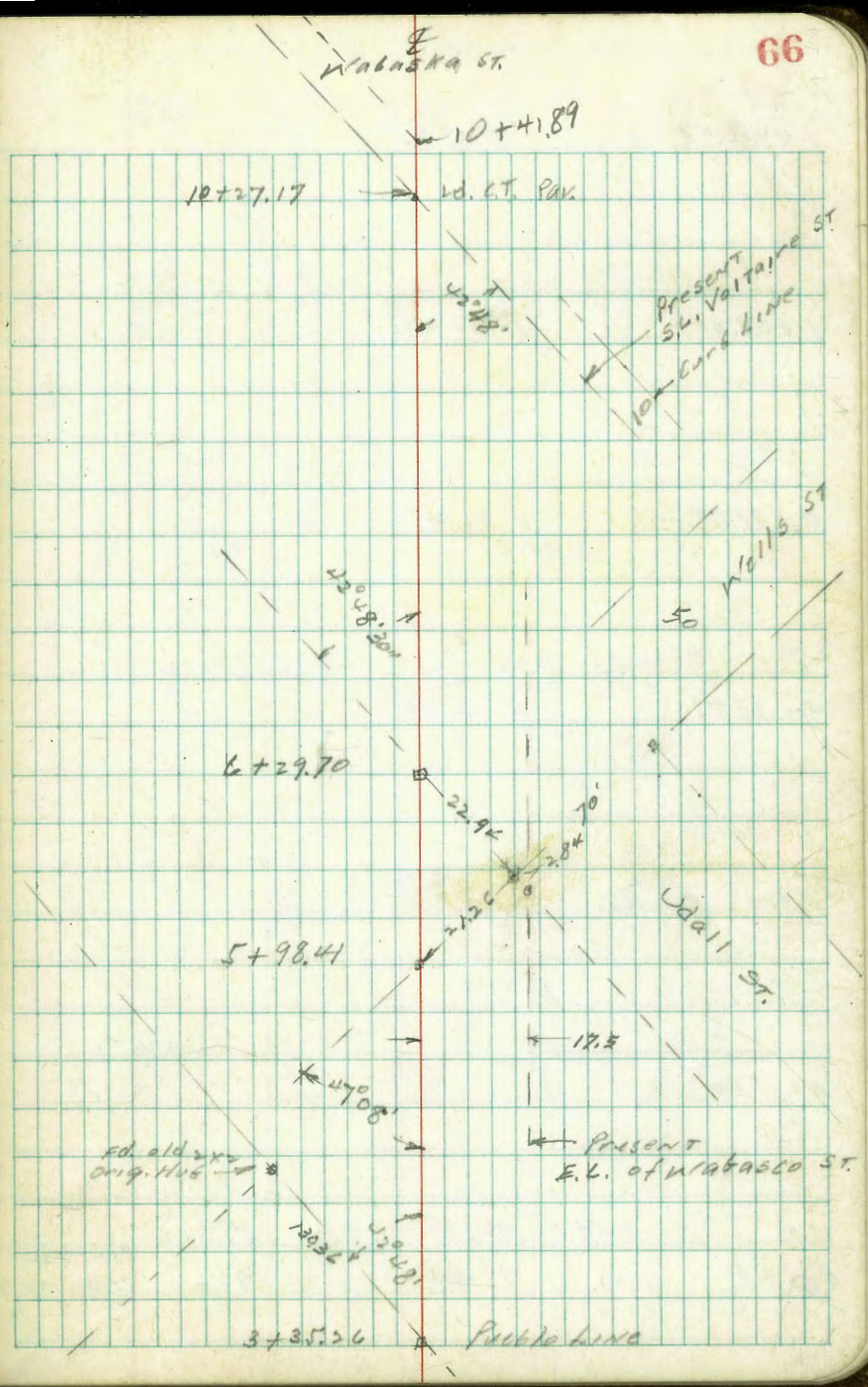
Public Line

Western Add.

Wabaska St.
Tennyson to Voltaire

Moore
2-14-39.





Wabasha St.

1+43.48		17°07'36"			
1+07.61		12°50'42"			
0+71.74		8°33'48"			
0+35.87		4°16'54"			
0+00	B.C.R.T.				
00-50					
T.P.	7.48	94.48	11.08	87.00	TENNYSON CHARSWORTH
SWBP	1.43	98.08		96.65	

Lt.	℄	Rt.
91.38 / 1.10 / 40 PAV	91.5 / 3.30 / 13 PAV	91.6 / 2.9
90.2 / 4.3 / 10	89.3 / 5.2 / 12	85.7 / 5.8 / 23	89.5 / 5.0 / 40
91.58 / 3.90 / 20	91.08 / 3.45 / 20	90.17 / 4.31	90.15 / 4.33 / 7 PAV	89.2 / 5.3 / 35	89.9 / 4.6 / 40
91.02 / 3.44 / 34 CH	90.42 / 4.06 / 34 QUT	90.44 / 4.04 / 20	89.80 / 4.68	89.08 / 5.40 / 21 HUGH PAV	89.6 / 5.1 / 30	90.5 / 4.10 / 30
89.85 / 4.43 / 24 CH	89.32 / 4.96 / 24 QUT	89.29 / 5.19	88.36 / 4.14 / 25 QUT	88.92 / 5.54 / 25 CH	90.5 / 4.40 / 35	90.9 / 3.74 / 40
88.30 / 4.91 / 50 QUT	88.41 / 4.07	82.74 / 6.70 / 20 QUT	88.30 / 4.18 / 20 CH
88.20 / 4.28 / 20 CH	87.52 / 4.96 / 50 QUT	87.57 / 4.95	86.97 / 7.71 / 20 QUT	87.35 / 7.13 / 20
		94.48 / 3			

2+50

2+00

NW RETURN
TENNYSON & WORDEN

R=20

5

10

10.5 13

2.34
92.14

10.5

1

1.57
92.97

1.97
92.51

1+79.35 E.C. 21°24'30"

94.48

LT. ℄ RT.

92.0 2.5 40	91.3 3.2 30	88.4 4.1 14	87.7 4.8 12	87.7 6.8	82.3 7.2 12	82.8 6.7 14	82.5 7.0 20	82.1 7.4 40

93.1 1.4 20	91.9 2.8 20	89.5 5.0 2	88.5 6.0	87.9 6.6 20	88.9 5.6 20	87.8 6.7 40

93.0 1.5 40	91.8 2.7 20	89.9 4.8	89.5 5.0 3	88.6 5.9 44	88.5 6.0 24	89.3 5.2 27	88.9 5.6 40

94.48
5

5

+50

4

3+50

T.P. 645 92.36 857 85.91

3+00

94.48

86.9 / 6.1 / 20	84.7 / 8.1 / 25	83.8 / 8.6 / 30	82.4 / 10.2 / 25	81.4 / 11.0	82.6 / 9.8 / 2	81.6 / 10.8 / 20	80.4 / 12.0 / 40
86.4 / 6.0 / 40	84.4 / 8.0 / 33	84.0 / 8.4 / 25	83.0 / 9.4 / 22	82.6 / 9.8	83.8 / 8.6 / 2	82.8 / 9.6 / 20	81.7 / 10.7 / 40
88.3 / 4.1 / 40	87.5 / 4.9 / 32	84.9 / 7.5 / 24	83.9 / 8.5 / 22	83.5 / 8.6	83.5 / 8.6 / 3	84.6 / 7.8 / 2	83.7 / 8.7 / 20	82.9 / 9.7 / 40
88.5 / 3.6 / 40	86.3 / 6.1 / 25	86.2 / 6.2 / 24	83.0 / 7.4 / 20	84.9 / 7.5	84.8 / 7.6 / 6	85.6 / 6.8 / 6	85.1 / 7.3 / 20	85.4 / 7.3 / 40
88.9 / 4.4 / 40	89.0 / 5.5 / 30	87.4 / 7.4 / 24	86.4 / 8.1 / 18	86.3 / 8.3	85.6 / 8.9 / 7	82.1 / 7.4 / 8	86.2 / 8.3 / 20	85.3 / 9.9 / 40

92.36 / 7

94.48 / 7

7 + 50				
7				
7 + 50				
6 + 00				
T.P.	0.84	82.57	10.63	81.73
5 + 50				
		92.36		

22.7 / 4.8 / 40	24.3 / 4.3 / 3.3	24.6 / 4.0 / 2.7	25.8 / 6.8 / 3.5	25.9 / 6.9 / 3	22.0 / 5.6 / 7	24.9 / 5.7	24.9 / 6.6 / 7	6 8 6 / 14.0 / 20	6 4 9 / 18.9 / 40	5 9 0 / 23.6 / 60
22.6 / 5.0 / 40	22.8 / 4.8 / 27	24.8 / 5.8 / 2.5	24.1 / 5.5 / 2	22.5 / 5.1	22.1 / 5.5 / 5	6 9 8 / 14.7 / 20	6 5 5 / 17.1 / 40	6 5 6 / 17.0 / 40		
24.3 / 3.3 / 40	24.6 / 3.6 / 2.6	24.6 / 4.6 / 2.5	25.2 / 4.4 / 1	25.9 / 3.7	22.3 / 5.3 / 8	6 7 5 / 13.1 / 20	6 7 6 / 15.0 / 40	6 4 5 / 18.1 / 65		
24.3 / 1.3 / 40	25.4 / 3.7 / 2.5	29.3 / 3.3 / 1	80.4 / 2.4	23.6 / 4.6 / 12	24.7 / 10.2 / 20	6 9 2 / 13.4 / 40	6 4 3 / 18.3 / 60			
83.8 / 8.6 / 40	82.4 / 10.4 / 25	81.85 / 10.6 / 2.5	82.92 / 11.5 / 24	80.95 / 11.5 / 15	80.2 / 12.3 / 1	84.3 / 11.2	26.6 / 12.8 / 20	22.5 / 14.9 / 40	220 / 15.4 / 45	

82.57 / 5

92.36 / 4

+50				
9				
T.P.	2.88	76.07	9.38	73.19
+60				
+35				
8				
		82.57		

23.3 / 2.8 / 40 — 23.1 / 3.0 / 34 — 22.4 / 3.7 / 30 — 22.4 / 3.7 / 40 — 23.2 / 2.4 / 3 — 24.0 / 2.1 — 21.5 / 2.2 / 10 — 5 8.4 / 17.7 / 35 — 57.8 / 18.3 / 40 — 63.4 / 12.7 / 55

24.2 / 1.9 / 40 — 24.1 / 2.0 / 33 — 23.4 / 3.0 / 30 — 23.0 / 3.1 / 4 — 24.0 / 2.1 / 3 — 23.6 / 25 — 22.1 / 4.0 / 8 — 63.1 / 13.0 / 23 — 58.6 / 17.5 / 40 — 59.1 / 23.0 / 65

76.07

24.5 / 8.1 / 40 — 24.9 / 7.7 / 34 — 22.6 / 9.0 / 30 — 23.6 / 9.0 / 4 — 24.6 / 8.0 / 3 — 24.6 / 8.6 — 22.5 / 10.1 / 9 — 65.1 / 17.5 / 22 — 60.4 / 22.7 / 40 — 54.4 / 28.2 / 65

24.6 / 8.0 / 40 — 24.1 / 8.5 / 30 — 24.1 / 8.5 / 28 — 23.7 / 8.7 / 4 — 24.9 / 7.7 / 3 — 24.8 / 7.7 — 21.8 / 10.7 / 27 — 64.4 / 16.2 / 40 — 57.2 / 25.4 / 65

25.3 / 7.3 / 40 — 24.6 / 8.0 / 26 — 24.8 / 7.8 / 3 — 25.8 / 6.8 / 2 — 25.8 / 6.8 — 25.0 / 7.6 / 13 — 32.9 / 9.7 / 25 — 68.6 / 11.0 / 40 — 62.4 / 20.2 / 60

82.57

check to SE BP	Voltaire Carolina		7.56	62.40	62.37 / 0.03
T.P.	107	69.96	7.18	68.89	
10+41.89	QUT				
10+41.89	Sly Cur. Voltaire				
10+27.17	Sly Voltaire Ld + C.T. in Par. Taken on Δ				
10+00					
9+75					
		76.07			

21.24 / 4.83 / 100 / QUT
21.37 / 4.73 / 78 / QUT
21.49 / 4.58 / 58.87 / Par
21.69 / 4.38 / 30
21.63 / 4.44 / Par
20.97 / 5.36 / 41 / QUT
20.36 / 5.71 / 58.87 / QUT
69.95 / 6.12 / 80 / QUT

71.9 / 4.2 / 100 / CC
72.11 / 4.07 / 78 / CC
21.49 / 4.58 / 58.87 / Par
21.69 / 4.38 / 30 / Par
21.63 / 4.44 / Par
21.34 / 4.73 / 41 / CC
21.03 / 5.05 / 58.87 / CC
20.59 / 5.48 / 80

72.4 / 3.7 / 45
23.15 / 3.97 / 35 / CC
21.57 / 4.50 / 35 / QUT
21.32 / 4.75 / Par.
20.27 / 5.30 / 25.8 / QUT
21.27 / 4.80 / 5.8 / CC
71.1 / 5.0 / 50

72.4 / 3.7 / 40
72.1 / 4.0 / 30
71.2 / 4.4 / 2
73.2 / 2.9
74.8 / 5.2 / 13
71.6 / 4.5 / 25

72.9 / 3.24 / 40
73.0 / 3.1 / 27
72.1 / 4.9 / 30
72.1 / 4.0 / 3
73.2 / 2.9 / 2
73.6 / 2.5
72.1 / 4.0 / 8
69.7 / 1.22 / 25
68.6 / 7.5 / 40
70.6 / 5.5 / 50

X sec alley 20' wide
Blk 40 La Jolla Park.
Moore 4-3-39.

VwBP	6.05	111.78		105.73	wall Herschel
	0+14 Sc6 wall St.				
W	Pav		4.71	107.07	
C	"		4.64	107.14	
E	"		4.56	107.22	
	0+00 SL Wall				
E c6			3.81	107.97	
E Pav			4.01	107.77	
C "			4.33	107.45	
WL "			4.00	107.78	
W c6			3.95	107.83	
	0+20				
W E 3' door sill to			3.39	108.39	
W			3.8	108.0	
C			3.8	108.0	
F			3.8	108.0	
	0+39				
E			3.8	108.0	
C			3.7	108.1	
W E 7' conc walk			3.74	108.02	
	0+50				
W			3.5	108.3	
C			3.6	108.2	

111.78

E	3.8	108.0	
T.P. 6.53	115.21	3.40	108.68
0+96			
E E 2' conc wk.		5.97	109.24
1+00			
E-6 N edge do. gar.		5.75	109.46 Conc.
E-47 " " apron		5.80	109.41 "
E		5.9	109.3
C		6.4	108.8
W		6.2	109.0
1+48			
W		6.1	109.1
C		6.1	109.1
E		5.9	109.3
+42 S edge apron		5.8	109.4 Conc.
+4 " " do. gar.		5.74	109.47 "
1+57			
E-4 E 2' Conc wk		5.48	109.53
1+57			
E+4 N edge do gar.		5.04	110.17 "
E curbline Conc. apron		5.45	109.56
C		6.0	109.2
W		6.1	109.1

	1+47			
W		5.5	109.7	
C		5.6	109.6	
E	apron on line	5.28	109.93	
+4	S edge do. gar	5.08	110.13	cem
	1+54			
E	S edge of 8' cem wk	5.14	110.07	on line
	1+59			
E-5	N edge do. gar	4.33	110.88	cem.
	1+74			
E-5	S edge " "	4.36	110.85	"
E		5.0	110.2	
C		5.4	109.8	
W		5.3	109.9	
	1+87			
E		4.8	110.4	
+8.5	S.W. gar. wood fl.	4.03	111.18	
	1+99			
E-5	E 2' cem. wk.	4.35	110.86	
E		4.8	110.4	
C		4.8	110.4	
W		4.7	110.5	
	2+00			
W-5.8	N edge do. gar.	4.7	110.5	dirt
		4.6	110.6	

	2+21			
W-5.8	S edge do. gar.	4.3	110.9	dirt
W		4.4	110.8	
C		4.1	111.1	
E		4.2	111.0	
	2+50			
E		3.3	111.9	
C		3.2	112.0	
W		3.4	111.8	
	2+75			
W-0.7	E 11' entrance	2.47	112.54	to gar. flr. cem level
W+1	cem apron	2.83	112.38	
C		2.4	112.6	
E		2.1	113.1	
	3+00			
E-4.5	E 12' entrance	1.07	114.14	to gar. cem level
E		1.4	113.8	
C		1.4	113.6	
W		1.7	113.5	
	3+05			
W-5	N edge do. gar.	1.4	113.6	dirt
	3+22			
W-5	S edge " "	1.6	113.6	"
C		1.4	113.8	
E		1.2	114.0	
T.P.	8.34	1.27	114.08	

12x.4x

	3+29			
W-5	N edge do. gar	8.2	114.2	dirt
W		8.2	114.2	
	3+45			
W-5	S edge "	8.2	114.2	"
W		8.2	114.2	
	3+51			
E		7.7	114.7	
C		8.0	114.4	
W		8.0	114.4	
+2.5	N edge do. gar.	8.0	114.4	"
	3+56			
E-24	S.w. gar dirt	7.0	115.4	
	3+64			
-2.5	S edge do. " "	7.8	114.6	
W		7.7	114.7	
C		7.8	114.6	
E		7.3	115.1	
	3+68 on W beg. fence		1.3 in valley	
	4+00 " " end "		"	"
	4+04			
-2	N edge do. gar.	6.0x	116.40	cem.
E	" " apron	6.33	116.09	"
C		7.1	115.3	
W		7.0	115.4	

12x.4x

	4+33			
W		6.88	115.54	
+1	E 6' conc walk	6.88	115.54	
C		6.8	115.6	
E	conc. apron	6.23	116.19	
+2	S edge gar. conc	5.9x	116.50	
	4+72			
E		5.7	116.7	
C		5.8	116.6	
W		5.6	116.8	
+1	E 2-6 door	5.18	117.24	H. elec.
	5+00 NL Silverado ST.			
W	cb	4.83	117.59	
W	12av	4.94	117.46	
C	"	4.91	117.51	
E	"	4.56	117.86	
E	cb	4.23	118.19	✓
	5+14 NL cb Line Silverado ST.			
E	Pav	4.94	117.48	
C	"	5.30	117.12	
W	"	5.57	116.85	
TP	10.42	133.7x	0.1x	122.3x
TP	0.93	120.55	13.10	107.45
TP	3.98	111.9x	12.41	107.5x
check to BM			6.20	105.7x 105.73

Moore 7-27-39

Lay grade for 2" Pav. by St. Dept.

X sec. alley 20' wide

Blk 28 La Jolla Park

Top c6 See p. 75	4.26	+4.35	117.59	W. Silverado W.L. alley
00 - 14 S.c6. Silverado				
E Pav. Conc. gut		5.34	119.01	
W " " "		5.98	118.37	
00 = S.L. Silverado				
W c6		5.11	119.24	
W Pav Conc.		5.26	119.09	
C " "		5.18	119.17	
E " "		4.67	119.68	
E c6		4.31	120.04	
0+14				
E on Conc fl.		3.85	120.50	
+3.5 N. edge Cor. apron		4.42	119.93	Bdy removed W 9.5 8" in alley
C		5.00	119.35	
W		5.2	119.15	
0+25				
W beg Conc. Slab		5.66	118.69	
+0.6 " wall		4.68	119.67	
C		5.1	119.3	
+6.5 Sedge apron		4.35	120.00	
E Conc. floor		3.89	120.46	
0+36				
W on Conc fl.		5.09	118.66	
+0.6 Top wall		4.74	119.61	

124.35		
0+36.10		
W cent fl.	5.03	119.32
W+0.4 wall	4.74	119.61
0+50		
W cent fl.	4.97	119.38
+0.6 " wall	4.70	119.65
C	4.8	119.6
+6	4.8	119.6
E on cent fl.	4.00	120.35
0+57		
E cent. fl.	4.00	120.35
+8.5 N edge Conc apron	4.44	119.89
0+68		
E cent fl	3.93	120.42
+3.5 S edge apron	4.37	119.98
C	4.4	119.8
W	4.4	119.8
0+89		
W-3 E do. gar. door	4.5	119.9
S	4.5	119.9
C	4.3	120.1
E	3.9	120.5

1+07				
−1	Sin. gar.	dirt	4.7	119.7	Poor
W			4.7	119.7	
+5			4.1	120.3	
C			4.0	120.4	
E			3.6	120.8	
1+50				
W−10			4.4	120.0	
W			3.8	120.6	
+2 = E of 4 diam Pole Point				
+5			3.1	121.3	
C			3.2	121.2	
E			2.7	121.7	
2+03				
−9	N edge do. gar.		0.26	124.09	Cent
−1	Reg. Cent apron		1.40	122.95	
E			1.4	123.0	
C			2.0	122.4	
W			2.4	122.0	
2+21				
−4	S edge Sin gar		2.0	122.4	dirt
W			2.0	122.4	
C			1.6	122.8	
E			1.4	123.2	
+1	Cent apron		1.7	123	
+9	S edge do. gar		0.26	124.09	Cent.

T.P. 591	1284	4.62	122.73
2+30			
E	E 2' Cem. walk	4.43	124.67
2+42			
E−11	E Sin gar Cent	3.17	125.40
E−1	Cent apron	4.56	124.08
E		3.72	123.4
C		3.72	123.4
W		3.9	123.2
−15		6.42	122.72
2+91			
−20		8.12	120.5
W		5.1	123.5
E		4.8	123.8
E		4.5	124.1
+15E	Sin. gar.	dirt 3.5	125.1
3+08			
−3	Sin. gar	dirt 4.5	1241
E		4.6	124.0
C		4.9	123.7
W		5.3	123.3
+5		5.4	123.0

	178.64			
3+50				
-5			4.1	122.5
W			5.5	123.1
C			5.0	123.6
E			4.8	123.8
3+81				
-4	N edge do gar.		4.26	124.38 Cem
E	" "		4.51	124.13
C			4.9	123.2
W			5.4	123.2
3+97				
-2	Sin gar dirt		5.8	122.8
W			5.8	122.8
C			5.4	123.4
E	S edge Cem apron		4.60	124.04
+4	" do. gar.		4.20	124.44 Conc.
4+08				
E			5.3	123.3
C			5.4	123.2
W			5.5	123.1
+2	Sin gar. dirt		5.4	123.2
T.P.	4+97	126.04	5.55	123.09

126.06

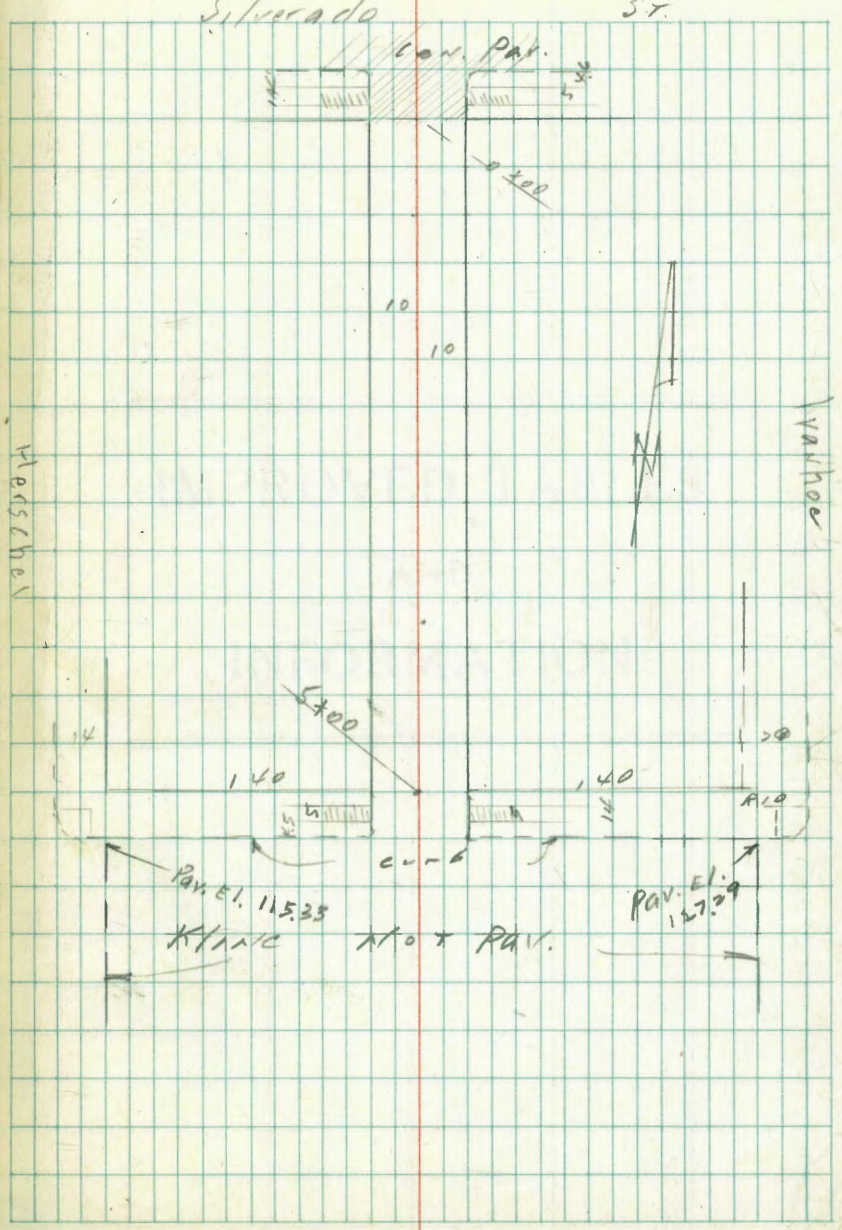
4+16			126.06 10.40 115.66
+12.5	Sin gar Conc.	1.10	124.96
E		2.9	123.2
C		2.9	123.2
W		3.0	123.1
4+38			
-3	E do. gar. dirt	3.3	122.8
W		3.4	122.7
C		3.2	122.8
E		3.0	123.1
4+57			
E		3.5	122.6
C		3.5	122.6
W		3.8	122.3
+3	E Sin gar dirt	3.9	122.2
	5+00 = N.L. KLINE		NOT Par.
W	c6	4.80	121.96
W	dirt	4.8	122.3
C	"	4.4	121.2
E	"	4.0	122.1
E	c6	3.64	122.44
	5+14 W c6	LINE KLINE	
E	Top c6	3.60	122.46
E	dirt	4.5	121.6
C	"	4.7	121.4
W	"	5.3	120.8
W	Top c6	4.61	121.45

S.W. Cor B.P. KLINE + Herschel please look up 115.51

over

		124.06		
T.P.	5.4	129.78	1.4	124.47
N.W. Cor Kline & Ivanhoe				
Top cb			1.8	122.94
" Pav			2.9	127.29
BM 6.E	5.4	120.87		115.46 (Kline, Herschel)
N.E. Cor Kline & Herschel				
Top cb			4.8	116.01
gut Pav.			5.5	115.33

Power Poles on clear



IMPROVED TABLES

AND

INFORMATION

363.75 = sw orange - Headwall

351.67 = Trojan - R

71
44
27

371.10
363.75
7.35

23 √ 693
7.
T6 0 3455
950
12.96

137.2

60532

10491

10291
1.54
10135

59
2 √
31

61
33
28
50
2 √
22

5.55
5.90
11.45

12.92
213
2133

123.2
12.90
67
1357
1.63
19.70

13.05
7.35
20.92
1305
85
13.90

2.11
13.07
15.18