94

F.B.94

94

Return to City Engineers Office
City Hall, San Diego, Cal.

MICROFILMED
DEC 7 1964

94

Return to City Engineers Office
City Hall, San Diego, Cal.

A →

B

1

Front St Grades June -97 C

202.57 B.M.

see page 3.

200.94	200.94	200.94	200.94	200.94	200.94	200.94
187.00	188.83	190.66	192.50	194.34	196.17	198.00
13.94	12.11	10.28	8.44	6.60	4.77	2.94
10.80	10.10	7.80	6.60	6.60	4.8	2.4
3.14	2.01	2.48	1.84	0.00	0.0	.54

200.94	200.94	200.94	200.94	200.94	200.94	200.94
197.00	195.17	193.34	191.50	189.66	187.83	186.00
3.94	5.77	7.60	9.40	11.28	13.11	14.94
				10.50	11.40	12.4
				.78	1.71	2.5

222.59 B.M.
0.98
223.57
11.60
211.97
0.53
212.50
206.5
6.00

208.61
204.
4.61

212.50
6.42
206.08
2.53
208.61 4.1
206.5
2.11

208.61
198.17
10.44

208.61
205.06
3.55
2.73
.82

208.61
203.64
4.97
4.08
.89

208.61
197.
11.61
11.1
.51

208.61
199.34
9.27

208.61
200.51
8.10

208.61
201.68
6.93

208.61
202.85
5.76

222.59 B.M.
0.69
223.28
11.30
211.98
1.01
212.99

212.99	212.99	212.99	212.99	212.99
204.00	205.25	3.41	206.50	
8.99	7.74	209.58	6.49	

204.00
2.42
Cor Laurel & Front B.M.

197.50
1.72

206.42	206.42	206.42	199.22	199.22	199.22
197.00	197.50	198.00	191.50	192.00	192.50
9.42	8.92	8.42	7.72	7.22	6.72

196.36	196.36	196.36
187.83		188.83
8.53	8.03	7.53

Keith Order

209.59
0.50
210.09
200.51
9.58

210.09
201.68
8.41

207.58 B.M 191.81 H I
0.34 182.50
207.94 9.31
11.51 191.81
191.41 180.75
0.40 11.06

191.81
3.57
188.24

Beg set Cut + Fill June 22-97

190.49 B.m.
1.11
191.60
11.52
180.08
4.06

184.14	184.14	184.14	184.14	184.14	184.14
177.00	178.60	180.32	182.00	175.50	177.25
7.14	5.48	3.82	2.14	8.64	6.89
4.6	6.10	6.90	4.20	7.7	11.35
2.5	.62	.38	.21	.19	.69
184.14	184.14	5.1	2.1		4.6
1.14					
183.00	192.03	192.03	192.03	192.03	192.03
9.03	185.33	187.00	182.50	184.25	186.00
192.03	6.70	5.00	9.50	7.80	6.06
183.70	4.8	3.2	7.7	6.10	190.86
8.33	1.9	2.8	1.8	1.70	1.08
7.3					200.94
1.00					

190.49 B.m
0.76
191.25
10.39
180.86
6.06

186.89	186.89	186.89	186.89	186.89	186.89
175.50	176.25	177.00	175.00	176.00	177.00
11.39	10.64	9.89	11.89	10.89	9.89
186.89	186.89	186.89	186.89	186.89	
177.25	177.95	178.66	186		
9.64	8.94	8.23	0.89		
			186.00		
			10.36		
196.36	196.36	196.36	196.36	196.36	196.36
			186.50	187.00	
			9.86	9.36	

177.25
178.66
355.91
177.95

7.14
4.6
2.5

174.50
176.25
350.75
175.37

186.00 186.50 187.00

184.14 184.14
184.14 179.60 175.50
179.60 5.39
5.14 3.8
8.8
6.7

Jumper 186.00 187.00 20'

		186.00	187.00	+2.50
+1.70	L	184.26	185.38	+1.90
+1.80	K	182.50	183.66	+1.00
+0.5	J	180.75	182.00	−2.10
−3.7	I	179.00	180.32	−3.10
−4.60	H	177.25	178.66	−0.60
+0.90	G	175.50	177.00	+2.5

BS = 175.25 = 84
FS = 177.25

174.50 175.47 176.25 176.32 176.06

Ivy. 175.25 177.00 20'

174.00 175.10 176.00 176.10 176.00
175.00 177.00 +0.5

Jumper

Survey of Wagon Road from Alabama Ave to Rose Canon Road

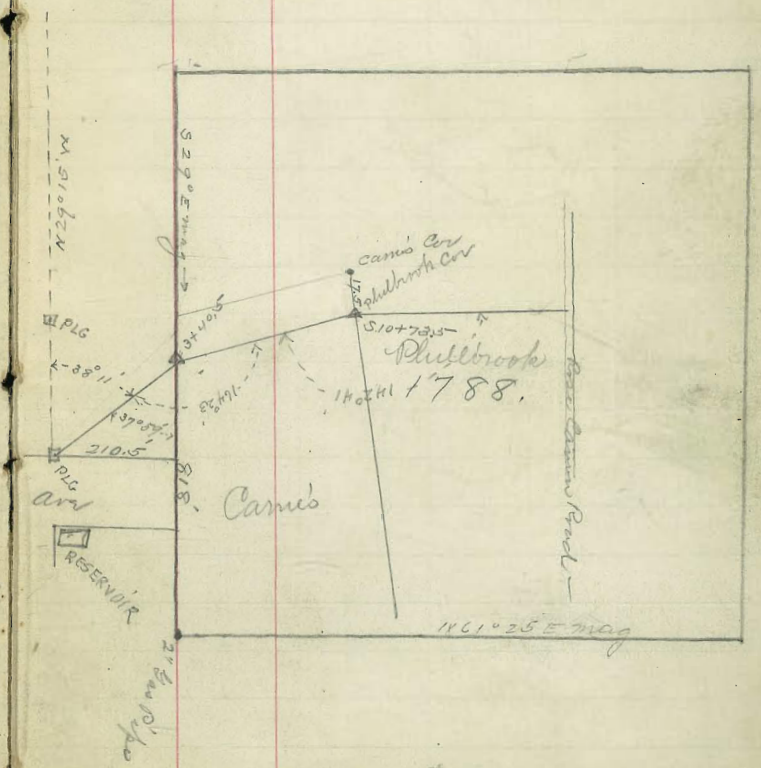
Capps July 21st 1897

Station	M.B.	
0+0		
50		
1+00		
+30		Brake of Hill
+50		
+80		Bottom Hill
2+00		
50		
3+00		
+40.5		
4+00		
50		
5+00		
50		
6+00		
50		
7+00		
50		
8+00		
50		
9+00		

50+0 = N.E. Cor Alabama Ave - 17TH Street

At 55+50 Needle read N 25° 15' E instead of N 24° 25' E

White House in Camino is 10' South of 55+50



1789

Alabama Ave

17th

See drawing # 482 in map drawer

21+68
10 73
10,990

5

Stat	MB
60	
10+00	
60	
+73.5	V
11+00	
60	
12+00	
60	
13+00	
60	
14+00	
60	
15+00	
60	
16+00	
60	
17+00	
60	
18+00	
60	
19+00	

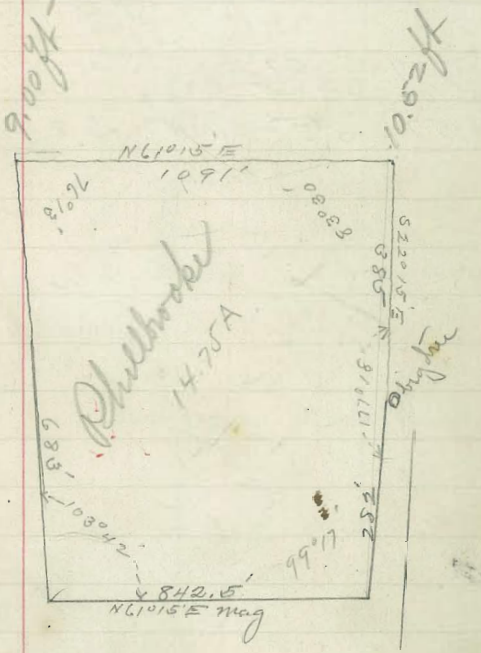
50
20+00
50
21+00
+50
+63 Δ

179.60
76.13
103.47

179.60
103.42
76.18

282
385
667

Expand North line 10.5' at N E (E)
9.00 ft at N W. Corners to make
up 15 acres —

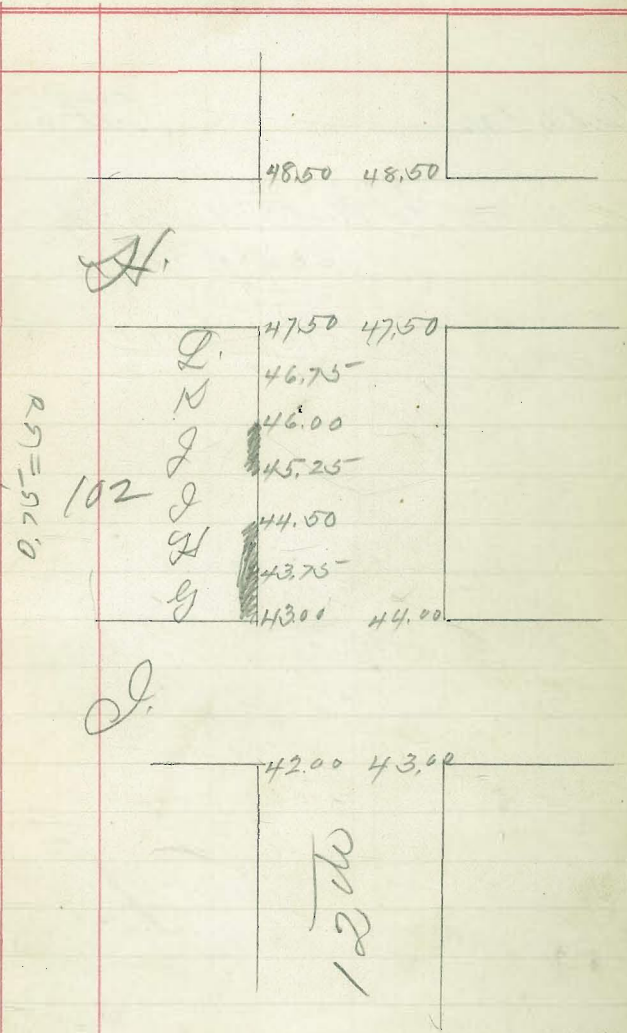


Order No 913 Aug 31st 97

G. H. & J. Belt, 102 H

49.08 18 m
1.45

50.57	50.57	50.57	50.57	50.57	50.57
46.00	45.25	44.50	43.75	43.00	
4.57	5.32	6.07	6.82	7.57	



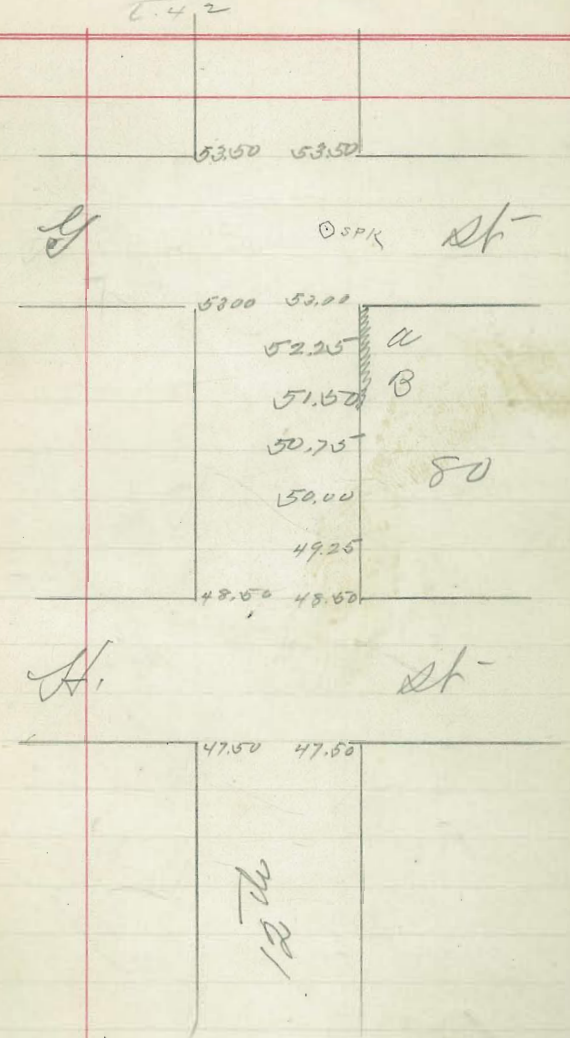
Order 940 Oct 8th 97

Grades to A-B, Bek 80 -

53.49 B m
368

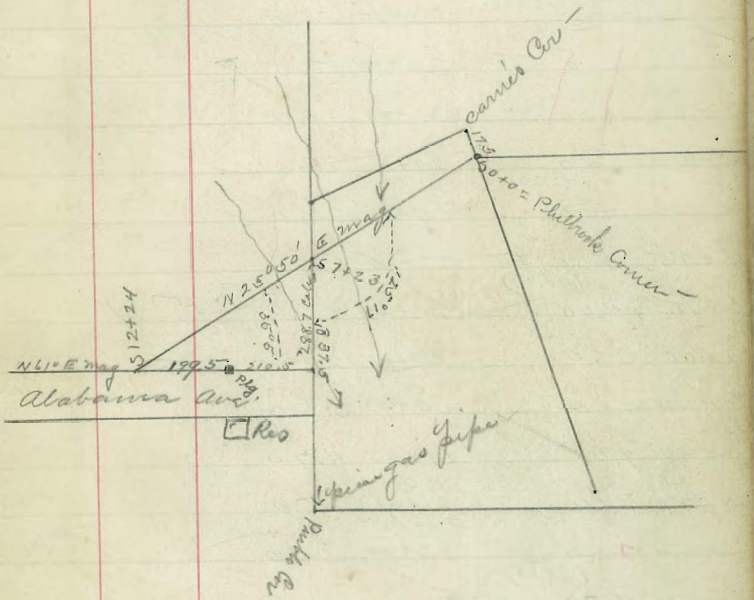
57.17	57.17	57.17	57.17	57.17
53	52.25	51.50	50.75	
4.17	4.92	5.67	6.42	

4.92
75
5.67
75
6.42



60° 66
25 50
35 16

See p-31



Survey of Pacific Beach road

Stat	Rod	Elev	Stat	Rod	Elev
	(52.64)				
	50.60			32.00	
0+0	2.00		20+00	4.50	
	43.50			31.90	
1+00	9.10		21+00	4.60	
	43.00			31.30	
+61 RR	9.60	(46.96)			
2+00	8.20		22+00	5.20	
	37.90			30.90	
3+00	9.10		23+00	5.60	
Edge Creek	36.80			30.40	
+60	10.20		24+00	6.10	
	37.60			30.10	
4+00	9.40		25+00	6.40	
		(42.22)			
5+00	37.70		26+00	30.00	
	4.60			6.60	
	36.60			30.30	
5+95	5.60		27+00	6.20	
Edge		(42.72)			
6+11	39.10		28+00	32.00	
	4.60			4.50	(40.56)
	35.10			38.40	
7+00	5.60		29+00	2.20	
	35.70			36.80	
8+00	5.00		30+00	3.50	
	36.10			35.90	
9+00	7.60		31+00	4.70	
	35.60		RR	38.80	
10+00	8.10		31+50	1.80	
	34.90		Start	37.40	
11+00	8.80		32+00	3.20	
		(38.72)			
12+00	34.70				
	4.00				
	34.70				
13+00	4.00				
	34.50				
14+00	4.20				
	33.90				
15+00	4.80				
	32.00				
16+00	6.70				
	33.30				
17+00	5.40				
	32.80				
18+00	5.90	(36.49)			
	32.10				
19+00	4.40				

through Race track

Nov 27-97

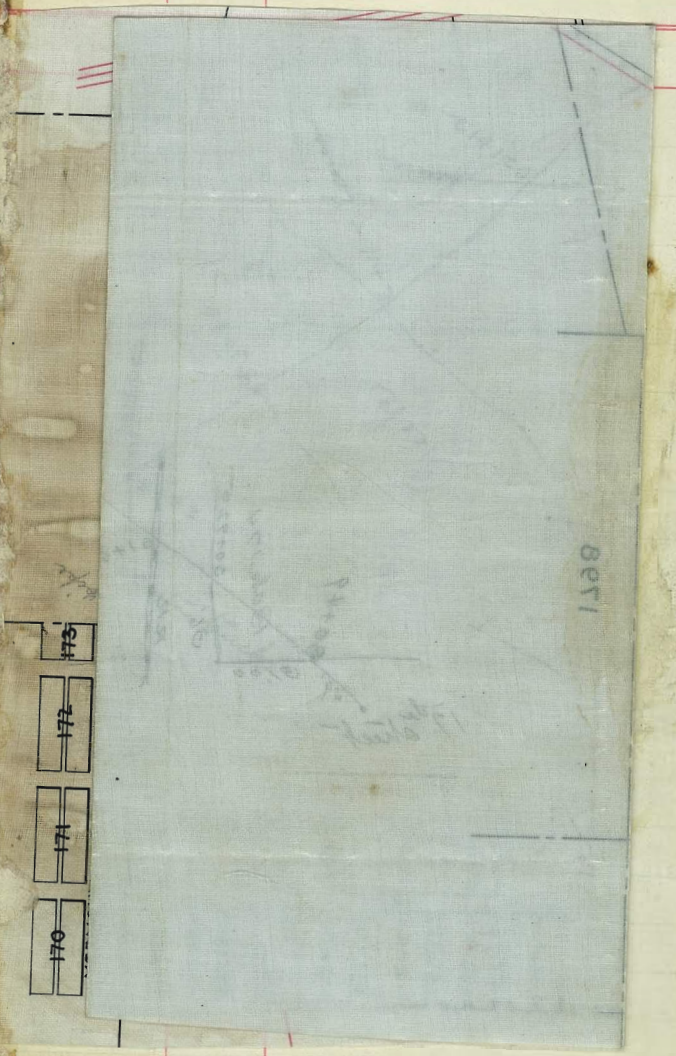
10

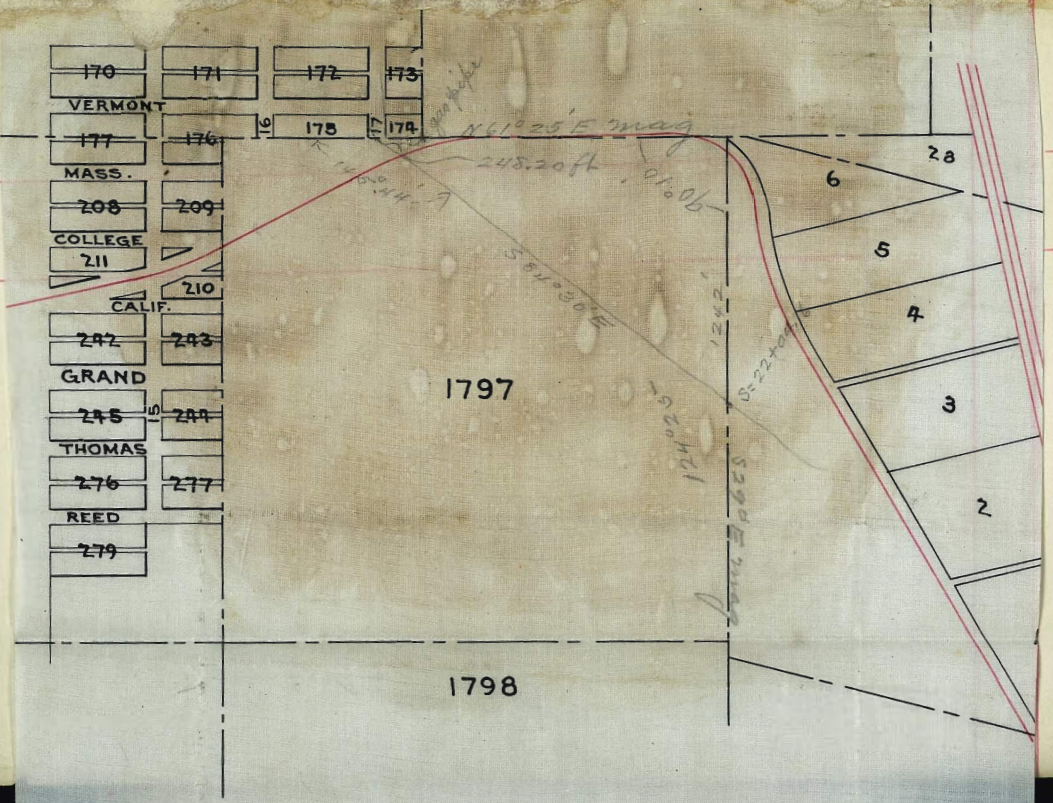
46.96
3.60
43.46 = Elev RR track on top of fill

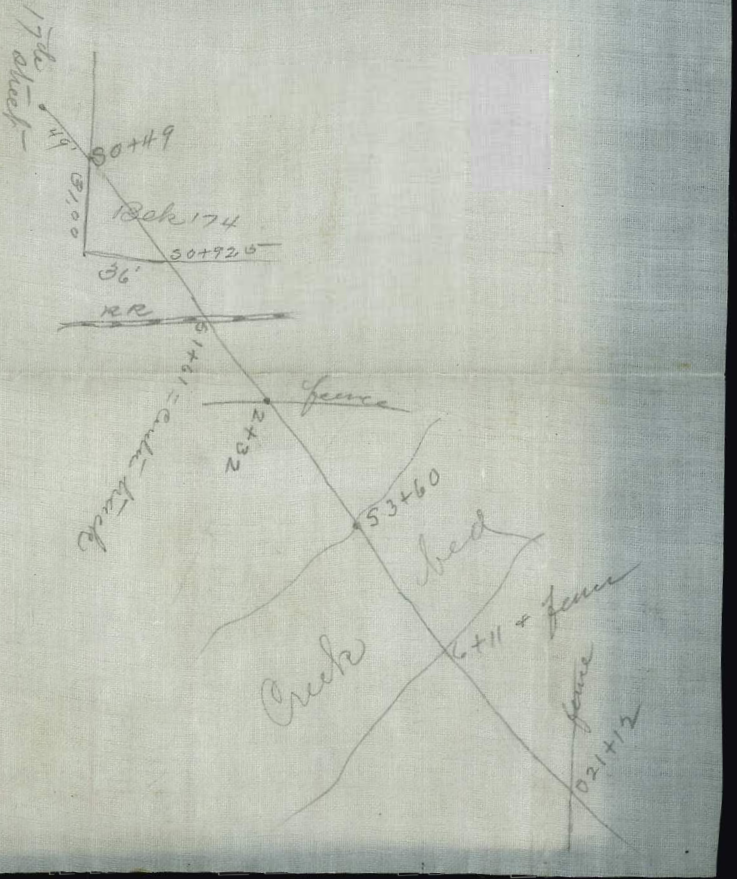
42.22
5.40
36.82 = Elev Bottom Gulch ditch at 5+45

5.5+95 bottom Gulch ditch.

50.00 assumed Elev B.M. on portside of Stairs under railroad
.264
52.64
9.74
42.90
4.06
46.96
8.70
38.26
3.96
42.22
4.60
37.62
6.10
43.72
7.96
35.76
2.96
38.72
5.00
33.72
2.77
30.95
3.13
32.82
7.70
40.52


173
172
171
170


170
171
172
173
VERMONT
177
176
175
178
174
MASS.
208
209
COLLEGE
211
210
CALIF.
242
243
GRAND
245
244
THOMAS
276
277
REED
279
1797
1798
N61°25'E mag
248.20ft
S 51°30'E
1242'
S 22°04'E
28
6
5
4
3
2
1


80+49
Oak 174
30+92.5
36'
RR
19+61
fence
2+32
53+60
Creek
bed
6+11
fence
fence
021+12

Road through P. L 1291

Stat	Mag	Ang
0+0	N 15° W mag	R 103°55' off of P. Line
140'		N 10° W true
1+40	→	R 133°56'
185	N 61° 5' W mag	N 47° 9' W true
→		
3+25	→	L 90°56'
108	N 28° 10' E	N 41° 55' E
4+33	→	R 119°32'
197'	N 32° 30' W	N 18° 33' W
6+30	→	L 159°22'

(1% grade through)

Dec 14 1897

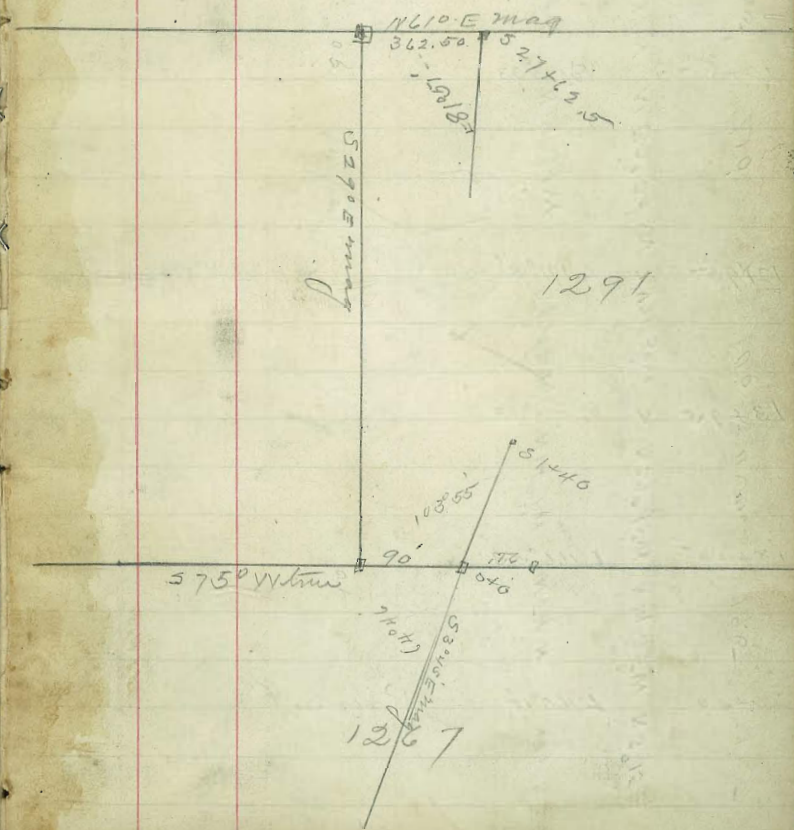
12

140
185
325
108
433
197
630

B.M. spk in tel pole assumed elevation 100.00

8.48
2.50
5.98

109.96 9.96
109.96
8.48
101.48 = Elev S 0+0



Stat	Mag	Ang		
150'	N11°45'W	N2°5'E		
7+80		R163°48'		
305'	N25°W	N14°7'W		
10+85		R175°33		
210'	N32°30'W	N18°34'W		
12+95		L171°8'	L169°	
100	N21°30'W	N7°34'W		
13+95		R173°33		
450	N27°45'W	N14°1'W		
18+45		L166°53'		
195	N14°35'W	N54'W		
20+40		L160°10'		Rainw
115	N5°15'E	N19°6'E		
21+55		R154°3'		

630
150
780
305
1085
210
1295

1395
450
1845
195
2040
115
21.55

2226
385
6076

2156
385
2540

2156
16076
27626

14

Stat-	Mag	Aug
2209	N20°45'W	N69°15'W
27626		

April 4th 1898.

Kelley Contract

For guttering Westside Front
Bet Laurel & Kalmia

209.59 B.M.
0.00

209.59	209.59	209.59	209.59	209.59
203.50	202.85	201.68	200.51	199.34
6,09	6,74	7,91	9,08	10,25

199.34
4.33

203.67	203.67	203.67	203.67	203.
198.17	197.00	196.00	196.40	
5,50	6,67	7,67	7,27	

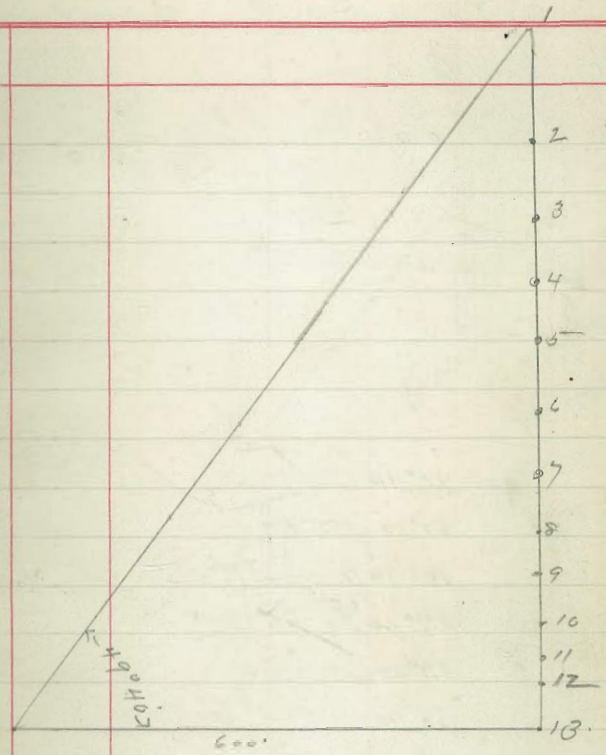
Laurel

	← 3.0' → ← 3' →		
204.00	203.25	203.00	203.50
202.85			
201.68			
200.51			
199.34			
198.17			
197.00	196.25	196.00	196.40
	← 3' → ← 3' →		

Kalmia

Front

Stat	Rod	Ang
1		1°30'
3		6°45'
4		9°15'
5		12°13'
6		13°28'
7		17°30'
8		21°00'
9		24°7'
10		27°20'
11		33°12'
12		38°11'
13		43°40'



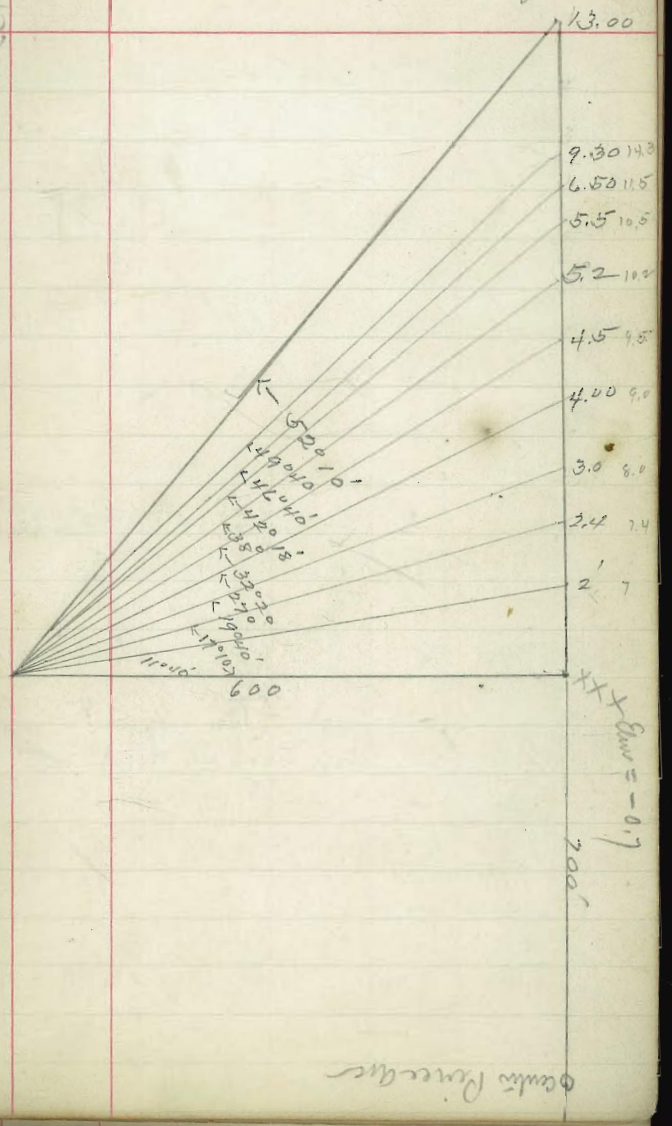
6.3 / 1.1 / 4.7

9.6 / 5.2 / 4.2

5.4 / 4.7 / .7

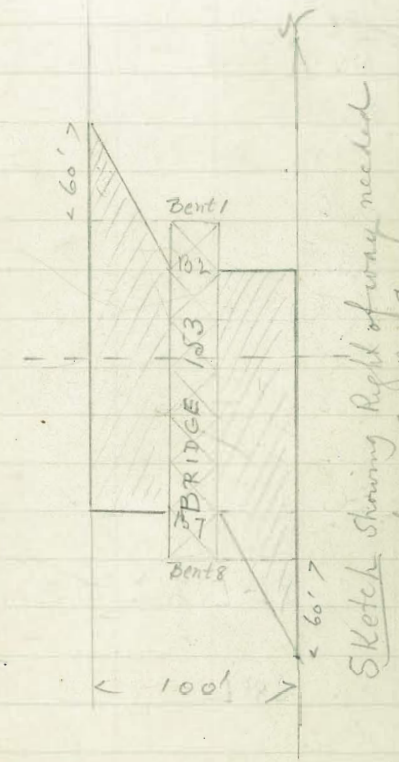
all Rods read 3.3 from highest Angle

Stat-	Rod	Ang				
1		0.0	Base for Angle			
		11°40'	123.80			
		17°10'	185.30			
		19°40'	214.40			
		27°00	305.70			
		32°20	379.70			
		38°00	468.70			
		42°18	546.00			
		46°40	622.70	635.40		
		49°40	706.62			
		52°10	772.50 ft			



Road from Eureka Lemon Tr to —

Sta						
					N. 42°30 W	
12 =	Capps Orig Sta 0 = on Div line bet					Lots 24 + 25 Eureka Lemon Tr. Line parallel
18+94	(aerial) Line bet Lots 25 + 26					(to + 20' Dist Ry. Rofway
19+04	Box 2x2					
21+01	= Div fence bet Gassen + Meeker in					Lot 26
21+58	Edge banks					
21+75	Break in Bank					
22	bot "					
22+73	90° L	(other Stake at 22+98)				
					S. 47°30 W	
23+43	Cent S.C Ry under Bridge No 153					
24+13	90 R					
					N 42 30 W	
24+46	Int at line Lot 28	(bet Dick + Meeker				



Sketch showing Right of way needed from S C Ry Co

Bridge 8 Bents - 7 Spans

30+32	BC 1°17' Curve R					
	0.40					
31	1.09					
+50	1.38					
32	2.08					
+50	2.37					
33	3.06					
+50	3.35					
34	4.05					
+50	4.34					
35	5.03					
+50	5.32					
36	EC					
36		26° L		frm B.S. on	BC	
					N 62° 50 W	
+75		38° L				
					S 79° W	
37+25		26° L				
					S 53° W	
37+75			7° R			
					S 60° W	

38+35	16° R			S 70° W		
39+65						

Edge Bank at Bridge (moved)

From AC Ry Bridge
Line across Meeker's Land

Sta						
24+13	(of Line p 19)					
24+61.6	76°42'	L		S 60° 50' W mag		
33+89	86°18'	R		N 32° 50' W		
35+52.9	Δ					
40+35.3		33°47'	L	N 66 25' W mag		
40+40	top bk					
+55	Bot "					
+80	Bk Creek					
41+10	Cent Creek					
41+31	Bank					
43+42.7	Center Rose Canyon Road					

across Rose Creek to Rose Canyon Road

Sept 23 99
JD
Ramsey & Williams

Line 15' N. of N. Bdy Lot 28 Eureka Tract
across Meekers Land

Levels over line pp 19 & 22

		(111.51)				
12		9.85		101.7		BM = 100.
						11.51
+50		3.83		107.7		111.51
		(116.11)				− 1.08
						110.43
13		2.64		113.5		+ 5.68
+45		10.58		105.5	116.13	116.11
						− 5.42
14		10.00		106.1		110.69
+50		10.20		105.9		+ 3.77
					106.94	114.46
15		6.38		109.7		
+25		3.27		112.8		
+50		4.1		112.0		
16		7.67		108.4		
+50		7.95		108.2		
17		5.50		110.6		
+50		5.84		110.3		
		(114.46)				
18		4.04		110.4		
+50		5.43		109.0		
19		8.74		105.7		
+50		10.07		104.4		
20		10.10		104.4		
20+50		6.13		108.3		

BM at South Road 91.66

assumed El −		Spike in fence post (Right of way)
✓		
✓		
✓		
✓ Top 17+50 Stake		
✓		

	(114.46)				114.46
21	2.78	111.7			− 11.04
+50	1.13	113.3			103.42
+58	2.20	112.3	96.48		+ 052
	(103.94)				103.94
					− 10.27
+75	3.22	100.7			93.67
22	9.32	94.6	86.48		+ 027
+50	10.90	93.0			93.94
+73	10.85	93.1			
23	10.95	93.0			
+50	11.55	92.4			
	(93.94)				
24+13	.276	91.2			
+61.6	2.83	91.1			
25	3.19	90.7			
+50	3.45	90.5			
26	6.32	87.6			
+50	7.37	86.6			
27	8.0	85.9			
+50	9.1	84.8			
28	10.26	83.7			
+50	11.0	82.9			

Bm. Rspw post Op Sta 21 — 114.46 / 3.57 / 110.89 ✓ spike

Bm & T P on head bolt E. File 3d Bent Bridge (cut with av)

✓

22+24 Culvert [illegible] 22 / 22+50

3 × 6

		(93.94)							
29		11.62	82.3						
		(83.54)							
+50		2.42	81.1		93.94				
					− 11.23				
30		3.77	79.8		82.71		Stake 29		83.54
					+ 0.83				11.19
30+50		6.15	77.4	76.08	83.54				72.35
31		8.41	75.1		7.54				
					76.00				
31+50		8.88	74.7		1.65				
32		9.97	73.6	76.19	77.65				
+50		10.53	73.0						
33		10.10	73.4						
+50		11.0	72.5						
33+89	△R	11.87	71.7						
34+50		13.30	70.2						
35		12.3	71.2						
+50		7.54	76.0						
		(77.65)							
36		5.33	72.3						
+50		8.15	69.5						
37		5.65	72.0						
+50		6.37	71.3						
38		8.44	69.2						
+50		8.76	68.9						

Bm Spk in Tel pole
Op 38+89 angle pt

38+17 (about) Meeker's line

+75		(77.65) 15.80	61.9			
39		16.0	61.7			
+50		12.7	65.0			
+60		8.26	69.4			
40		8.34	69.3			
+35.3	ΔL	7.17	70.5	Top Bk		
+40	(	8.0 (65.85)	69.7			
+55		4.96	60.9	bot Bk Cr		
+80		5.85	60.0	" CK		
41+10		8.30	57.6	@ "		
+31		5.90	60.0	[illegible] Abutty Bk		
+50		5.35	60.5			
42		6.28	59.6			
+50		6.20	59.7			
43		6.40	59.5			
+42.7		7.30	58.6			

Washout

77.65
− 11.94
T.P. 65.71
0.14
58.39 ⊖ 65.85 ✓

Bm on Cottonwood about 20' S of line 65.85
in Center CK — 5.97
52.42 Bm 59.88

} Rose Creek

Spk Bm 4th post S. of line 65.85
5.67
52.72 Bm 60.18

43+12.5 Fence Road
Cent Rose Canon Road

Survey of Pacific Beach Road Sept 11-97

818
13.5
831.5
167
998.5

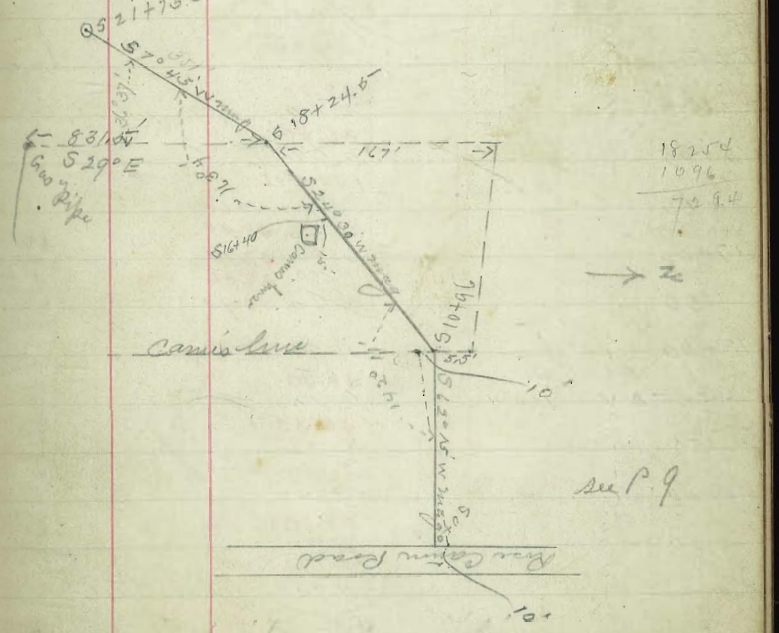
(See p. 9)

Stat	Mag. Bearing	Angle	L 12 –	Center	– 12 R
				(16.20)	assumed elevation of 50+0 is 10 ft
0+0				10.00 / 6.20	
50				9.70 / 6.50	10.00 assumed / 6.20 / 16.20 / 1.33 / 14.87 / 8.66 / 23.53 / 1.20 / 22.33 / 9.51 / 31.84
1+00				9.90 / 6.30	
50				9.20 / 7.00	
2+00				8.80 / 7.40	
50				9.20 / 7.00	
3+00				10.10 / 6.10	
50				10.90 / 5.30	
4+00				11.40 / 4.80	
50				12.30 / 3.90	
5+00				13.00 / 3.20	
50				14.10 / 2.10	
6+00				(23.53) 15.50 / 8.00	
50				15.90 / 7.60	
7+00				17.60 / 5.90	
50				19.40 / 4.10	
8+00				19.70 / 3.80	
50				21.00 / 2.50	
9+00				20.20 / 3.30	
50				19.50 / 4.00	
10+00				19.70 / 3.80	
+50				21.50 / 2.00	

S 62° 15' W

Station 0+0 is on West line of Rose Canon Road & 10 feet South of Philbrook's Corner, Thence running S 62° 15' W Mag to a point on Carnes East line, & 10 feet North of Philbrook's Corner, & 5.5 feet South of Carnes Corner,

Thence S 24° 30' W mag ft to Carnes line



18254
1096
729.4

see P. 9

44.49
10.35
34.14
21.97
12.17

1.2.4

Station	Mag. Bearing	Angle		Center					
		R		(31.84)	31.84				
10+96 △		142° 11'		24.50	0.47		S10+96 = Camus Line (East)		
				7.30	31.37				
				25.20	11.40				
11+50				6.60	42.77				
				24.60	0.51				
12+00				7.20	42.26				
				24.90	2.13				
50				6.90	44.49				
17				25.60	2.20				
13+00				6.20	42.29				
				26.80	10.18				
50				5.30	52.47				
				28.90					
14+00				2.90					
				31.80					
50				0.00					
				(34.68)					
15+00				8.00					
				38.70					
50				4.10					
				36.80					
16+00				0.60					
				(44.49)					
+50				3.90	40.60				
16+55				5.20	39.30				
17+00				6.80	37.70				
+15				4.70	39.80				
50				3.60	40.90				
18+00				4.80	89.70				
		R		36.40					
+24.5 △		163° 4'		6.10			S18+24.5 = Camus West Line		
				36.30					
50				8.20					
				32.10					
19+00				12.40					
				28.10					
50				16.40					
				(37.11)	25.40				
20+00				11.70	Base Line				
				(52.47)					
50				6.20	46.30				
				47.30					
21+00				5.20					

	Mag. Beam			Cuts		
				46.80		
00				3.70		
+25,5	V			49.30		
				3.20		

Mrs Dall Oct 7th 97

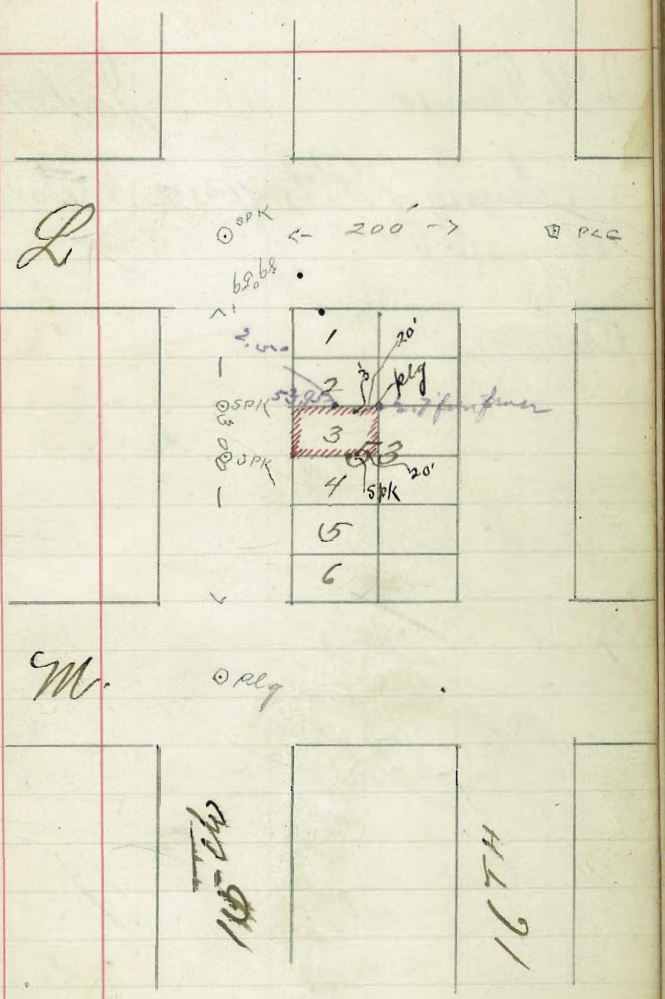
Survey of Lot 3 Blk 53
Sherman

Order No 939

No 143 15th st

Set spike on South line 80 feet from front of lot
Set plg 3 feet South of North line & 20 feet from rear end, or 80 ft from front end lot

Found the fence to the North line of lot to be about 3 feet over on lot 3



60
22
82

75
7
82

J. H. Francis Jan 31st 1898.

Survey of Lots 11-12 Blck 43
Taggarts P

Order 969

Cross Section Cemetery

Rodd Survey See Book 191 P54

Feb 1st 1898

Stat	North 20	North 10	Centre	South 10	South 20
0+0	76.00 1.60	75.80 1.80	(77.57) 75.63 1.97	75.40 2.20	75.30 2.30
50	76.30 1.30	75.60 2.00	75.00 2.60	74.90 2.70	74.60 3.00
1+00	75.00 2.60	74.80 2.80	75.00 2.60	75.00 2.60	75.00 2.60
50	72.40 5.20	74.00 3.60	74.30 3.30	74.00 3.60	74.30 3.30
75	66.50 11.10	68.40 9.20	71.70 5.90	73.30 4.30	73.80 3.80
2+00	61.20 6.90	64.40 3.70	67.00 10.60	68.80 8.80	72.60 5.00
25	56.70 11.40	60.30 7.80	63.20 14.40	66.40 11.20	68.40 9.20
50	(59.78) 53.10 6.70	58.40 1.40	61.60 6.50	(68.08) 64.80 3.30	66.80 1.30
75	51.10 8.70	54.70 5.10	58.80 9.30	62.60 5.50	65.40 2.70
3+00	49.30 10.50	50.40 9.40	54.00 14.10	57.90 10.20	61.10 7.00
25	50.90 8.90	48.10 11.70	46.00 13.80	(59.78) 49.40 10.40	51.80 8.00
50	54.70 5.10	49.30 10.50	48.20 11.60	45.80 14.00	44.80 15.00
75	57.70 0.00	53.70 4.00	48.50 9.20	(57.71) 46.00 11.70	45.70 12.00
4+00	55.70 2.00	56.70 1.00	57.10 0.60	55.90 1.80	52.20 5.50
25	47.80 9.90	48.80 8.90	49.30 8.40	50.00 7.70	46.70 11.00
50	35.50 2.00	36.30 1.20	36.40 1.10	(37.47) 34.90 2.60	34.80 2.70
75	25.90 11.60	26.70 10.80	29.20 8.30	31.70 5.80	31.70 5.80
5+00	24.70 12.80	25.30 12.20	28.30 9.20	28.30 9.20	27.90 9.60
50	24.40 4.00	25.30 3.10	25.30 3.10	(28.42) 25.40 3.00	24.80 3.60
6+00	23.50 4.90	23.80 4.60	23.80 4.60	23.60 4.80	23.50 4.90
50	24.10 4.30	23.50 4.90	23.50 4.90	23.70 4.70	23.90 4.50
7+00	24.60 3.80	23.90 4.50	23.90 4.50	23.80 4.60	24.20 4.20

S0+0 = Centre line M - West line 32 vnd

Break hill

Bottom Ravine

75.60
1.97
77.57
11.91
65.66
2.42
68.08
11.94
56.14
3.64
59.78
11.54
48.24
9.47
57.71
12.01
45.70
0.66
46.36
10.44
35.92
1.55
37.47
11.46
26.01
2.41
28.42

Cemetery Road

Sta	North 20	North 10	Center	South 10	South 20
50	23.70 4.70	23.40 5.00	23.10 5.30	23.10 5.30	23.50 4.90
8+00	24.10 4.30	23.60 4.80	23.60 4.80	23.70 4.70	24.10 4.30
50	25.00 3.40	24.30 4.10	24.10 4.30	24.40 4.00	24.10 4.30
9+00	25.00 3.40	24.40 4.00	24.20 4.20	24.50 3.90	24.60 3.80
50	24.80 3.60	24.40 4.00	24.60 4.40	24.40 4.00	24.40 4.00
10+00	25.20 4.40	24.40 5.20	24.40 5.28	(29.44) 24.70 4.90	24.70 4.90
50	26.20 4.40	24.50 5.10	24.60 5.10	24.70 4.90	24.60 5.10
11+00	24.20 5.40	24.00 6.60	24.40 5.20	24.60 5.00	24.60 5.00
50	23.60 6.00	23.20 6.40	24.10 5.50	24.30 5.30	24.10 5.50
12+00	22.40 7.20	23.10 6.50	23.50 6.10	24.40 5.20	23.90 5.70
50	23.50 6.10	22.70 6.90	22.60 7.00	23.00 6.60	23.30 6.30
13+00	19.70 9.90	19.80 9.80	19.60 10.00	19.30 10.30	19.00 10.60
50	25.10 4.50	23.40 6.20	23.00 6.60	23.20 6.40	2210 7.50
14+00	24.80 4.80	24.60 5.10	24.60 5.10	24.30 5.30	24.00 5.60
50	26.20 3.40	25.80 3.80	25.60 4.00	25.60 4.00	25.20 4.40
+86	31.30 0.90	29.80 5.40	(35.23) 28.70 6.50	23.70 7.30	26.80 8.40
15+50	32.80 2.40	31.30 3.90	30.00 5.20	29.00 6.20	28.60 6.60
16+00	33.20 2.00	32.00 3.20	31.20 4.00	29.30 5.90	29.10 6.10
50	33.00 2.20	32.60 2.60	31.80 3.40	30.30 4.90	30.30 4.90
17+00	30.60 4.60	30.60 4.60	30.40 4.80	29.70 5.50	29.20 6.00
+50	27.90 7.30	27.90 7.30	27.90 7.30	27.90 7.30	27.40 7.80
+65			(30.37) 20 10.70		

29.64
5.22
24.42 on BM at Dragonjo Bath

28.42
4.02
24.40
5.24
29.64
3.48
26.16
9.07
35.23
7.86
27.37
3.62
30.37
1

Bottom Arroyo

Bottom Ramie Bridge

Cemetery Road

Stat	North 20	North 10	Cent	South 10	South 20
17+85	23.40 7.00	23.40 7.00	22.80 7.60	21.60 8.80	20.70 9.70
18+00	24.10 6.30	23.80 6.60	23.50 6.90	23.10 7.30	22.80 7.60
50	25.40 5.00	24.10 6.30	24.90 5.50	24.20 6.20	24.10 6.30
19+00	26.00 4.40	26.00 4.40	25.50 4.90	25.40 5.00	25.40 5.00
△.27	25.90 4.50	25.80 4.60	25.60 4.80	25.70 4.70	25.80 4.60
+50	26.10 11.50	25.90 11.70	(37.61) 25.90 11.70	26.10 11.50	26.50 11.10
20+00	27.30 10.30	28.20 9.40	29.40 8.20	30.70 6.90	33.50 4.10
50	31.90 13.80	35.20 10.50	(45.74) 38.60 7.10	41.10 4.60	43.70 2.00
75	36.20 9.50	39.00 6.70	42.20 3.50	45.70 0.00	same slope
21+00	20 7.20	10 7.70	g	10 6.3	20 4.80
50	10 5.4	10 5.20		10 4.60	20 4.4
22+00	20 4.10	10 4.30		10 3.90	20 3.60
50	20 4.20	10 3.40		10 3.70	20 3.70
23+00	20 4.20	10 4.50		10 4.20	20 4.40
50	20 4.60	10 4.60		10 4.20	20 4.20
24+00	20 4.40	10 4.70		10 4.20	20 4.80
50	20 4.50	10 4.20		10 3.90	20 3.40
25+00	20 3.80	10 3.80		10 4.10	20 4.80
50	20 3.40	10 3.80		10 3.90	20 4.70
26+00	20 2.80	10 4.00		10 4.40	20 3.10
50	20 4.00	10 3.50		10 2.80	20 3.30
27+00	20 3.00	10 2.60		10 2.20	20 2.70

42.52
39.91
2.61

30.37
4.84

173
6
10.38
4)
14.38

25.53
14.38
39.91

25.53
12.08
37.61
0.85
36.76
8.98
45.74
5.88
39.86

30.37
4.84
25.53
11.73
37.26
0.00
37.26
5.26
42.52
2.61
39.91 = S 21+00

from this Station 21+00, we used the grade center & side rods are referred to this Cross sectioned with a Cross section Rods

	North			South		
Stat-	20	10	Cut	10	20	
	20	10		10	20	
+50	1.90	2.70		2.60	1.70	
28+00	20	10		10	20	
	1.40	2.00		1.60	1.70	
+50	20	10		10	20	
	3.30	3.60		3.90	1.20	
29+00	20	14		10	20	
		2.70		3.00	2.30	
+50		14		10	10	
		0.60		1.40	1.30	

Cemetery Road —

Stat	South Slope Stakes	Center Cut	North Slope Stakes	
0+0	out 15 Ft —	+0.00	15 Ft out —	
+25	16'	+1.50	16'	
+~~50~~	18'	+4.50	18'	
1+25=0+0	18.5	+7.00	18.5'	West line 32 out
50	19.0'	+9.30	20.0'	
1+00	21.0	+12.25	21.0	
+50	22.00	+14.50	21.0	
+75	22.50	+18.30	19.00	
2+00	23.00	+10.10	18.00	
25	21.00	+7.80	16.00	
50	21.00	+7.60	15.00	
75	21.00	+6.30	15.00	
3+00	20.00	+3.00	—	
~~25~~	—	-3.60	~~18.00~~ 18.00	
~~50~~	—	0.00	~~20.00~~	
~~75~~	—	+1.90	20.00	
4+00	19.00	+11.90	20.00	
	17.00	+5.60	17.00	
		-5.80		
		-11.60		
		-11.00		

Stat		15'	Cubic cut	15'		
△ 14+86						
15+15					Elevation 27.00	
15+50			+2.60			
16+00			+3.50			
+50			+3.82			
17+00			+2.10			
+50			-0.70			
+65						
+85			-6.00			
18+00			-5.40			
+50			-4.30			
19+00			-4.00			
△ +27			-4.00		Elevation 29.60	
+50			-5.10			
20+00			-4.60			
+50			+1.60			
+75			+3.70			
21+00			grade			

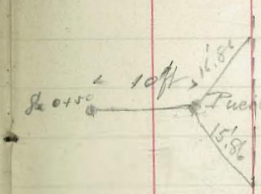
Continuation of Cemetery Road on South Side of Cemetery

May 16/99

	N	Cent	S
	15	(104.20)	15
-50	10.3	90.90 13.3	
0	93.9 10.3	94.10 10.1	94.3 9.9
+50	97.1 7.1	96.75 7.45	97.2 7.0
1	98.9 5.3	98.78 5.42	98.6 5.57
+50	99.3 4.93	99.52 4.68	100.4 3.82
2	99.7 4.55	100.45 3.75	101.8 2.45
+50	98.7 5.50	98.90 5.30	99.4 4.80
3	99.0 5.17	98.97 5.23	99.2 5.02
+50	98.4 5.85	98.38 5.82	98.7 5.48
4	95.8 8.39	96.06 8.14	96.4 7.83
+50	96.4 7.80	96.35 7.85	97.0 7.20
5	97.5 6.69	98.05 6.15	99.0 5.18
+50	98.5 5.71	99.12 5.08	100.1 4.10
6	98.3 5.92	98.50 5.70	99.2 5.0
		(103.00)	
+50	98.7 4.35	99.65 3.35	100.3 2.75
7	100.4 2.60	100.10 2.90	101.0 2.00
		(107.02)	
+50	100.3 6.75	100.87 6.15	101.9 5.06
8	101.8 5.22	103.11 3.91	104.6 2.42
+20	101.9 6.05	102.95 4.07	106.1 0.92

B.M. Gate Kunkle Cent 96.71
7.49
104.20 ✓
7.73 Bm in
✓ 96.47 ✓ Post No 2

On 4th Post E. of Angle in fence



6th Post from Angle on S line
Tack in base board

Fuel Corner 11.1 from fence

9th post from Angle
Tack in base board

104.20
− 4.76
99.44 ✓ TP
+ 3.56
103.00 ✓
− 1.78
101.22 backed TP
5.80
107.02

Cross-Sections Cemetery Road Extn

	N			S	
	20	15	(107.02)	15	25
8+50		98.2 8.85	98.24 8.78	99.5 7.52	
9	94.8 12.2 20.0	94.2 12.8	94.92 12.3	95.0 12.0	95.6 11.36 25.0
+50	94.4 12.6 20.0	93.0 14.0	93.52 13.5	94.7 12.3	12.1 94.9 25.0
10	95.1 11.94 20.0	95.5 11.55	95.82 11.20	96.6 10.4	
+50	95.3 11.70 20	96.2 10.80	97.24 9.78	98.5 8.48	
			(103.04)		
11	94.5 8.50 20.0	94.5 8.54	95.10 7.94	98.0 5.04	
+50	94.2 8.75 20	94.3 8.75	94.65 8.39	95.1 7.87	
12	97.7	97.7 5.35	97.71 5.33	98.9 4.15	
+30	6	96.2 6.78	98.46 4.58	98.9 4.13	
+50	94.8 8.24	95.7 7.34	96.88 6.16	97.7 5.28	
13	93.0 10.05 20	91.7 11.32	93.38 9.66	93.9 9.08	8.27 94.7 25.0
+50	93.2 9.79	93.1 9.94	94.70 8.34	95.6 7.43	6.28 96.7 25
14	94.0 8.97	94.2 8.83	96.00 7.04	98.5 4.50	
+30	95.4 7.65	96.5 6.50	99.59 3.45	100.1 2.88	
+50	96.3 6.75	97.3 5.67	99.90 3.14	99.1 3.89	
15	98.5 4.54	98.2 4.80	99.37 3.67	99.3 3.66	99.9 3.06 25.0
+50	101.5 1.50	101.4 1.57	102.28 0.76	102.2 0.83	
16.00	106.5 Ev.	106.5 1.53	(113.98) 106.31 7.67	107.1 6.87	
+50		110.9 3.14	110.72 3.26	111.9 2.10	

107.02 0
− 9.76
97.26
+ 5.78
103.04 0
− 1.04
102.00 T
+ 11.98
113.98 0
− 3.52
110.46 BM
113.98
2.03
111.95 T.P.
10.08
122.03 0

Spike
BM on E. Post Cemetery Gate

Stn 12+57 is 10' South of old Plug.
Plug is 10.0 S. of Cemetery fence

Fence 19.5 North
16+30 Opposite Center Cem Gate

Cross Sections Cemetery Road Extension

		N 15	℄	S 15
17		115.6	(12203) 114.98	116.4
		6.36	7.05	5.58
	+50	117.7	117.60	118.7
		6.33	4.43	3.35
18			118.83	
			3.20	
	+50		119.57	
			2.76	

122.03

Check back

Sta 18 + End of proposed grade // B.M. — 110.46
+ 0.76
111.22
— 9.08
102.14
+ 4.90
107.04
— 10.31
96.73
+ 8.05
104.78
— 8.30
B.M. 96.48

Center line of Road is 10 ft South of Pueblo Line and is determined by Pueblo Corner at S.W. Cor of Cemetery and Center Ley found op. Sta 12+57.

Roadway to be 30' wide
Right of way " 40' "

5

939
25
914

9.89
50
9.39
50
8.89
50
8.39
50
7.89
50
7.39
50
6.89

11.15
50
10.65
50
10.15
50
9.65
50
9.15
50
8.65
50
8.11

10.80
5
10.30
50
9.80
50
9.30
50
8.80
50
8.30
50
7.80
50
7.30
50
6.80
50
6.30
50
5.80
50
5.30
50
4.80

11.62
50
11.12
50
10.62
50
10.12
50
9.62
50
9.12
50
8.62
50
8.12
50
7.62
50
7.12
50
6.62
50
6.12
50
5.62
50
5.12
50
4.62
50
4.12
50
3.62
50
3.12
50
2.62
50
1.12

10.72
50
10.22
50
9.72
50
9.22
50
8.72
50
8.22
50
7.72
50
7.22
50
6.72

818
195
8375 cross Carnes line at S 7+23.

125°17' at Carnes line S 7+23

9701
53
9648

Return to City Engineers Office
City Hall, San Diego, Cal.

Return to City Engineers Office
City Hall, San Diego, Cal.