FIELD BOOK.

360 N.

F.B.51

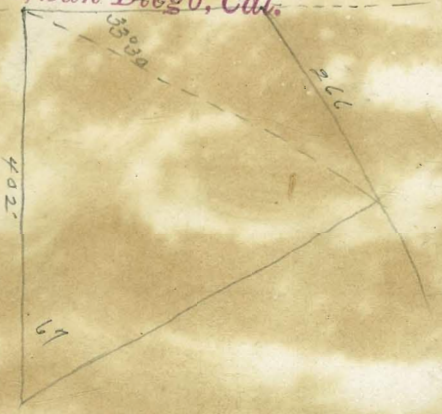
51

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

MICROFILMED
DEC 4 1964

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

Length Curve 470.07
Length Chord 47.
Ang Def = 3°24' 10 def



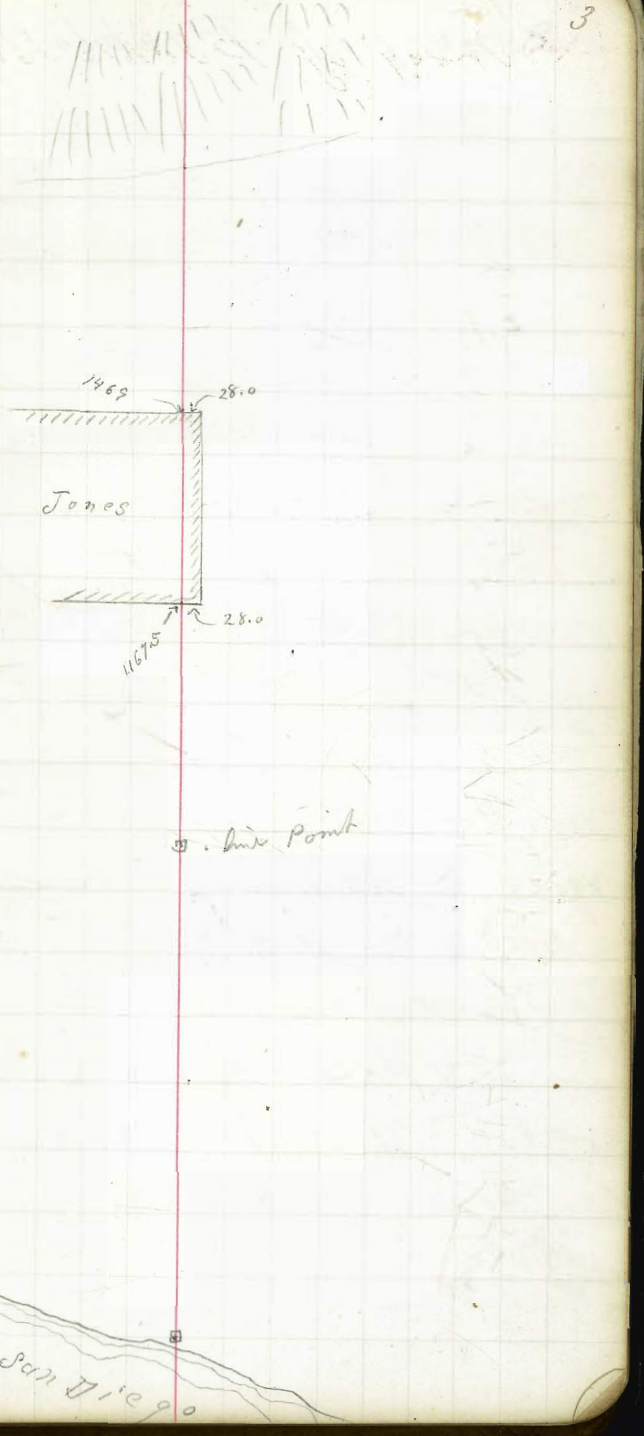
51

MICRO

Survey of Pueblo Lot 198

Begun at a 6"x6" redwood stake set in mound, the Southerly corner of Pueblo lot 198, thence run N 53° 58' W (N 67° 50' W mag. which gives Var of 13° 50' to East) along the line bet 198 & 199 1167.5' to Easterly line of Mr Jones fence 28' to Right to corner, 1469 Curved fence the westerly line of Jones lot 28' to Right to corner 1850 to foot of hill

* See next page



Survey of Pueblo Lot 198

2150 Top of hill,
2489.8 to 6"x6" redwood stake in mound, with pits to North, East, and S.W. the cor of P.L.s 199 & 200, ; 2719.8 to the Northerly corner of Pueblo lot 198 a 6"x6" redwood stake in mound, with pits to the West South and North East.

From line bet 197 & 198 see top of Page

8
7
6
5
4
3
2
1
0

+74.8
27

197

Pits

200

25
+89.8
24

198

Pits

23

22
+50
21

199

20

12

Survey of Pueblo Lot 198

Survey of Pueblo Lot 198

From the Westerly cor of 198 run S 53° 56' E (S 67° 30' W mag) (which gives mag Var 13° 44' to East) 214.8 set Pkey on top of hill for line

.635 to bottom of small ravine

24
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
+14.8
2
1

line

Survey of Pueblo Lot 188

26

25

24

23

22

21

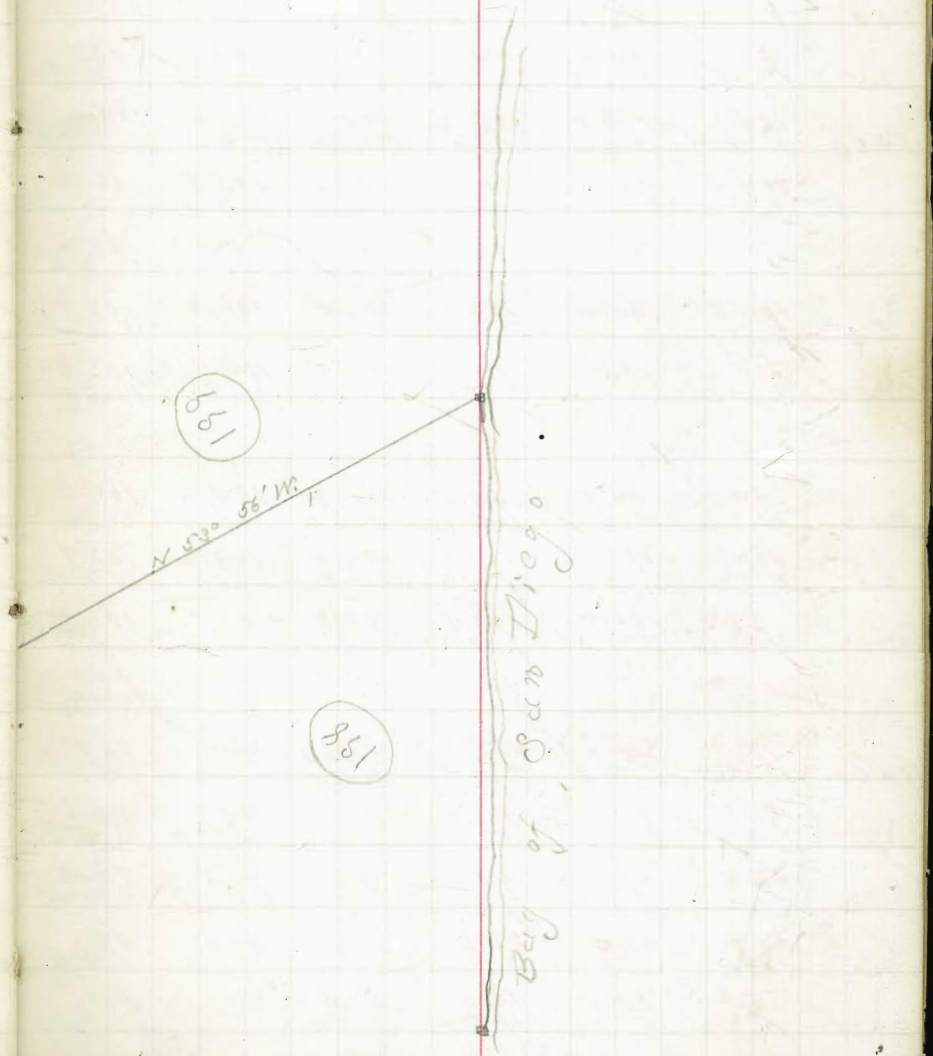
Survey of Pueblo Lot 198

From the Southerly corner of Pueblo lot 198, 1910 feet S 40° 08' W — to mon No on shore line of Bay, from cor of 198 run along the shore of the Bay as follows

N 40° 08' E (N 26° 30' E mag) — 160 feet
N 11° 08' E (N 2° 30' W mag) — 575 "
N 1° 21' W (N 15° 05' W mag) — 460 "
N 18° 38' E (N 5° 00' E mag) — 700 "

Survey of Pueblo Lot 198

N 62° 25 E (N 48° 45' E) — 1035' to a 6"x6" stake in mound the Easterly corner of Pueblo lot 198 and the Southerly corner of Pueblo Lot 199.



~~Survey of Pueblo Lot 197~~

Cross Section A" St
Bet 7th - 10th sts Jan 31, 1898
Capps

106.81 B.M. 1/10
142
108.23

Stat	South	Curb	Middle	Centre	Middle	Curb	North	
				(108.23)				
0+0	96.8 / 11.40	96.9 / 11.30	97.9 / 10.30	98.5 / 9.70	98.4 / 9.80	98.4 / 9.80	98.6 / 9.60	0+0 = East line 7th
25	98.2 / 10.00	98.4 / 9.80	99.5 / 8.70	99.9 / 8.30	99.8 / 8.40	99.8 / 8.40	100.0 / 8.20	
50	100.1 / 8.10	99.9 / 8.30	101.2 / 7.00	101.4 / 6.80	101.6 / 6.60	101.7 / 6.50	102.3 / 5.90	
75	102.0 / 6.20	101.8 / 6.40	103.0 / 5.20	103.1 / 5.10	103.5 / 4.70	103.6 / 4.60	104.3 / 3.90	
1+00	103.7 / 4.50	103.3 / 4.90	104.2 / 4.00	104.7 / 3.50	105.0 / 3.20	105.4 / 2.80	106.1 / 2.10	
25	104.3 / 3.90	104.4 / 3.80	104.4 / 3.80	105.6 / 2.60	105.8 / 2.40	106.0 / 2.20	106.5 / 1.70	
50	104.7 / 3.50	105.0 / 3.20	106.1 / 2.10	106.2 / 2.00	106.4 / 1.80	106.5 / 1.70	106.9 / 1.30	
75	105.0 / 3.20	105.4 / 2.80	106.1 / 2.10	106.5 / 1.70	106.8 / 1.40	106.8 / 1.40	107.3 / 0.90	
2+00	105.2 / 3.00	105.2 / 3.00	105.1 / 3.10	105.5 / 2.70	105.9 / 2.30	106.8 / 1.40	107.1 / 1.10	W line 8th
				(107.74)				
0+0	103.1 / 4.60	103.7 / 4.00	103.4 / 4.30	103.7 / 4.00	104.2 / 3.50	104.9 / 2.80	105.6 / 2.10	E line 8th
25	101.9 / 5.80	102.4 / 5.30	103.1 / 4.60	103.2 / 4.50	103.2 / 4.50	103.7 / 4.00	104.2 / 3.50	
50	99.4 / 8.30	100.0 / 7.70	100.7 / 7.00	100.8 / 6.90	101.3 / 6.40	101.3 / 6.40	101.7 / 6.00	
75	97.2 / 10.50	97.1 / 10.60	98.1 / 9.60	98.5 / 9.20	98.6 / 9.10	99.1 / 8.60	99.4 / 8.30	
1+00	93.9 / 4.50	94.6 / 3.80	95.7 / 2.70	(98.39) 96.1 / 2.30	96.4 / 2.00	96.9 / 1.50	98.1 / 0.30	
25	91.1 / 7.30	91.7 / 6.70	93.0 / 5.40	93.9 / 4.50	93.9 / 4.50	94.6 / 3.80	95.2 / 3.20	
50	88.8 / 9.60	89.3 / 9.10	90.9 / 7.50	91.6 / 6.80	91.6 / 6.80	92.4 / 6.00	92.8 / 5.60	
75	86.7 / 4.10	87.3 / 3.50	88.6 / 2.20	(90.85) 89.1 / 1.70	89.6 / 1.20	89.9 / 0.90	90.7 / 0.10	
2+00	85.0 / 5.80	85.5 / 5.30	86.0 / 4.80	87.3 / 3.50	87.7 / 3.10	88.2 / 2.60	89.2 / 1.60	W line 9th

106.81
0.93
107.74
10.41
97.33
1.66
98.39
10.97
87.42
3.43
90.85

Survey of Pueblo Lot 187

Stat	South	Cent	Mid	Cent	Mid	Cent
	83.9	84.3	85.2	86.0	86.6	87.2
+14	6.90	6.50	5.60	4.80	4.20	3.60
	83.7	84.4	85.1	85.8	86.5	87.2
+40	7.10	6.40	5.70	5.00	4.30	3.60
	84.6	82.4	83.5	84.6	85.2	85.1
+66	9.20	8.40	7.30	6.20	5.60	5.70
	81.8	82.0	83.5	84.4	83.8	83.8
0+6	9.00	8.80	7.30	6.40	7.00	7.00
	73.5	74.5	75.5 (80.7)	76.7	77.9	79.3
25	7.20	6.20	5.20	4.00	2.80	1.40
	72.6	72.4	73.9	74.5	75.5	76.5
50	8.10	8.30	6.80	6.20	5.20	4.20
	71.0	70.8	71.9	73.7	74.2	73.8
75	5.70	9.90	8.80	7.00	6.50	6.90
	71.2	71.2	71.2	72.5	73.7	73.1
1+00	9.50	9.50	9.50	8.20	7.00	7.60
	72.1	71.9	70.6	74.5	75.1	74.6
25	8.60	8.80	10.10	6.20	5.60	6.10
	72.8	72.7	73.8	74.4	74.5	74.6
50	7.90	8.00	6.90	6.30	6.20	6.10
	72.8	72.8	73.2	73.6	73.6	73.8
75	7.90	7.90	7.50	7.10	7.10	6.90
	72.7	72.6	72.9	72.8	72.7	72.9
2+00	8.00	8.10	7.80	7.90	8.00	7.80

A. St

North
88.4
2.40
87.9
2.90
85.5
5.30
85.3
5.50
80.1
0.60
77.1
3.60
74.4
6.30
73.0
7.70
73.4
7.30
74.4
6.30
73.7
7.00
72.7
8.00

73.37 / 4.17 / 69.20 / 1

84.75 / 1.42 / 83.33

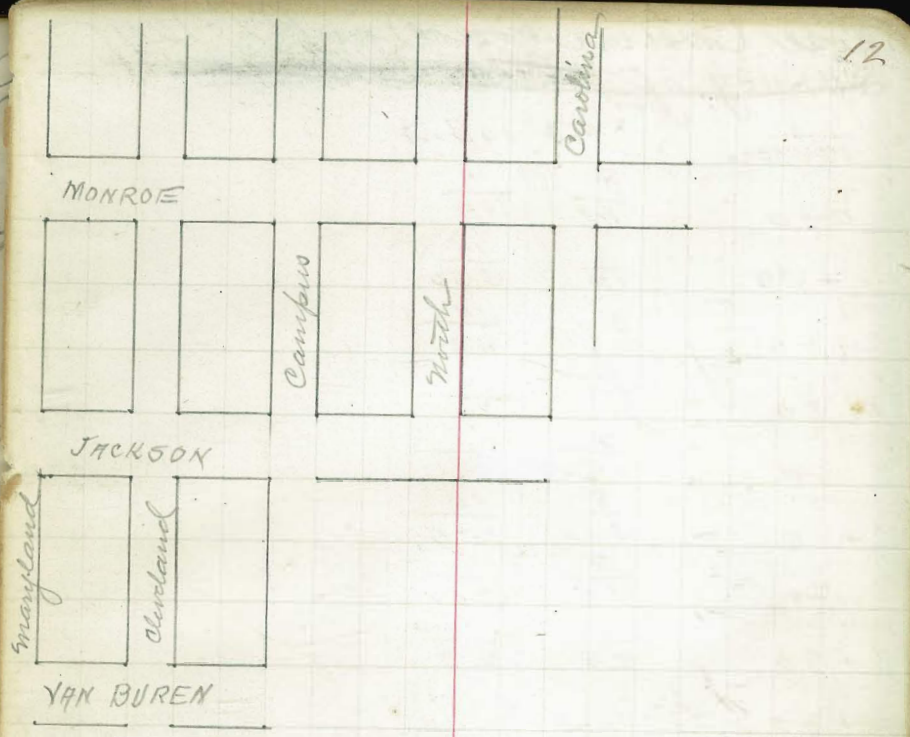
centerline 9th

E line 9th st

8.11

90.85 / 11.98 / 78.87 / 1.84 / 80.71 / 2.16 / 78.55 / 6.35 / 84.75 / 11.38 / 73.37 / 1.64 / 75.01 / 8.11 / 66.90 / 5.01 / 71.91 / 3.78 / 68.13 on BM on 9th

Survey of Pocblo lot 197



Rose Canon Road in R.L. 1291

~~Survey of Pueblo Lot 127~~

Station	8' out	14 ft out
0+0	8 / 1.7	14 / 3.9
+50	8 / 1.8	14 / 3.50
+80	8 / 2.6	14 / 4.3
1+30	8 / 1	14 / 2
80	8 / 2.9	14 / 5.1
2+30	8 / 3.00	14 / 5.0
80	8 / 1.9	14 / 3.60
3+30	8 / 2.8	14 / 5.2
+80		
4+30	8 / 2.3	14 / 4.1
80	8 / 1.9	14 / 2.9
5+30	8 / 1.6	14 / 3.00
+80	8 / 2.00	14 / 3.10
6+30	8 / 1.5	14 / 3.00
+80	8 / 2.6	14 / 4.2
7+30	8 / 2.4	14 / 3.7
80	8 / 2.00	14 / 3.5
8+30	8 / 2.3	14 / 4.2
+80	8 / 2.2	14 / 3.60

Rose Canon Road, Cross Section

April 8th 1898

13

North line Pueblo Lot 1291

Small Culvert

Ravine Culvert 2ft deep

Ravine Culvert 2ft deep

Rio Cañon Road P.Q. 1291

Survey of Pueblo bot 197

Stat	8 ft out	14 ft out
	8	14
9+30	1.9	3.4
	8	14
+50	1.4	2.9
	8	14
10+30	1.8	3.2
	8	14
+50	2.4	3.4
	8	14
11+30	2.60	4.6
	8	14
+50	3.00	5.3
	8	14
12+30	3.4	5.7
	8	14
+50	3.00	5.1
	8	14
13+30	2.90	4.8
	8	14
+50	3.00	5.6
	8	14
14+30	2.9	5.1
	8	14
+50	2.5	4.8
	8	14
15+30	2.6	4.7
	8	14
+50	3.0	5.3
	8	14
16+30	3.0	5.1
	8	14
+50	3.2	6.0
	8	14
17+30	2.9	4.8
	8	14
+50	2.1	4.2
	8	14
18+30	2.8	5.0

Rio Cañon Road — Cross Section

Rose Cannon Road P.L. 1291

Survey of Pueblo Lot 197

Stat	8 ft out	14 ft out
+80	8 / 2.6	14 / 4.5
19+30	8 / 2.1	14 / 3.8
+80	8 / 2.5	14 / 4.7
20+30	8 / 3.6	14 / 6.3
+80	8 / 4.4	14 / 7.4
21+30	8 / 4.20	14 / 7.7
+80	8 / 4.3	14 / 7.4
22+30	8 / 4.2	14 / 7.6
+80	8 / 4.1	14 / 7.4
23+30	8 / 3.3	14 / 6.2
+80	8 / 3.3	14 / 6.8
24+30	8 / 2.9	14 / 4.7
25 +55	8 / 1.7	—
25 +80	8 / 2.5	14 / 3.4
25+30	8 / 3.1	14 / 5.3
+80	8 / 2.6	14 / 4.3
26+30	8 / 3.0	14 / 5.3
+80	8 / 1.9	14 / 2.6
27+30	8 / 1.3	14 / 2.00
+80	8 / 0.4	14 / 1.4

Rose Cannon Road Cross section

Ravine Culvert 2 ft sq

spk driven into Tel Pole at Samuelevation as S 27+80
South line Pueblo Lot 1291

~~Survey of Pueblo Lot 197~~

Survey of Road Canon Road P.L. 1267

0+0

50

1+00

50

2+00

+38 Δ

+71

+81

+90

3+18

+50

+93 Δ

11+32

81

5+32

+82

Cut + Fill Road

See Next Page

April 8th 1898

155

0+0 = North line Pueblo Lot 1267

Stat		Course	Dist		Ang
0+0					L 64°31' from N. P.L. 2438
to					
2+38		S 10°29'W	238'		
	3+93	S 61°34'W	155'	R 51°5'	
				L 71°36'	
Bottom Rainie Culvt	6+00	5+68	S 10°2'E	175'	
	7+90	7+58	S 36°28'W	190'	R 46°30'
	9+50	9+18	S 48°58'W	160'	R 12°30'
	12+40	12+08	S 27°28'W	290'	L 21°30'
Culvt	14+65	14+33	S 3°18'E	225'	L 30°46'
		22+40	S 15°11'E	807'	L 11°53'
		25+01	S 0°30'E	261.3'	R 14°41'
		30+21	S 29°52'E	520'	L 29°22'
		33+21	S 30°52'E	300'	L 1° 0'

Rose Cañon Road Through P.L. 1267

Survey of Pueblo Lot 196

	8 ft out	14 ft out	Cross sections taken with Cross Section Rods
0+0	0.00	0.00	
50	4.30	4.70	
1+00	3.30	5.50	
50	2.00	3.70	
2+00	2.90	4.40	
50	3.30	5.60	
3+00	3.30	5.90	
50	3.80	6.10	
4+00	2.90	5.00	
50	2.90	4.30	
5+00	3.40	5.70	
+25		0.50	−4.20
+50	2.50	3.50	−1.20
6+00	2.30	4.10	
50	3.30	5.60	
7+00	3.70	6.50	
50	3.30	5.80	
8+00	2.60	5.30	
50	2.80	5.10	
9+00	2.60	4.90	

S0+0 is spk driven in End Gassen grade and 40 ft North of Gassen fence, (this spk is grade)

0+0 = is End of Gassen Grade

from S0+0 to Station 6+00 is 1% grade ascending

Bottom Gulch Δ Culvert

Set B.M. up gulch, same Elevation as S6+00

Change grade from 1% to 2½%

Survey of ~~Pueblo~~ hot 196

	8 ft out	14 ft out
50	1.60	2.60
10+00	2.10	2.60
50	1.70	2.50
11+00	3.70	6.70
50	4.20	7.40
12+00	3.70	6.30
50	3.50	6.30
13+00	2.80	5.00
50	3.20	5.70

End of 2.5% & beg 1% ascending

	up hill cut 8 ft	8 ft	8 ft out	14 ft out
14+00	3.60	4.60	4.70	7.90
50	4.60	5.50		
15+00	5.60	6.80		
50	5.40	6.20		
16+00	5.10	5.20		
50	5.00	5.50		
17+00	5.90	6.20		
50	6.80	6.80		
18+00	7.90	7.40		
50	7.60	6.70		
19+00	9.30	9.10		

Beg cut of Slope side hill cut and fill width into hill to Station

End of 1% ascending & Beg of 1% descending grade to Station 21+00

Rose Cañon Road

Survey of ~~Packlo Lot 196~~

	8 ft up	8 ft up			
50	7.30	8.20			
20+00	6.30	4.60			
50	6.00	5.20			
24+00	5.80	6.40			
50	4.70	6.20	down hill side 8 down	14 down	
+70	3.20	3.00	3.00	6.9	
22+00	2.90	2.10	2.60	5.00	grade
+25	2.90	3.10	1.80	3.40	—11.30
	8' out	14 ft out	down hill slope		
+50	5.20	9.10			
23+00	6.00	9.50			
+50	3.10	5.60			
24+00	2.30	4.40			
50	1.60	3.40			
25+00	2.20	3.60			
+50	1.80	3.40			
26+00	2.40	4.40			
+50	3.10	5.30			
+95	1.20	2.00	—2.90		
	(105.02)	left 8 ft	Center	Right 8 ft	
27+10 Δ	5.02	2.10	0 grade	1.70	grade
27+53	2.50	2.00	102.50	1.80	+2.10

End 1% descending grade & Beg 3.5 descending grade

8' cut on top point

Beg fill for Ravine + End of full cut road

Bottom Ravine Δ culvert —11.30

End of fill grade

End of 3.5% descending grade & Beg of 1% ascending

Rod on Station 27.10 = 5.02

Provisional Elev of S 27+10 = 100.00
5.02
105.02 H.I.

Bottom Ravine culvert 1½' s.g.

Beg of cut + Fill road & End of 1% ascending grade

Rose Cañon Road

Survey of ~~Pueblo Lot 196~~

	Rod	8ft left	Center	8ft Right	
27+85	3.5	1.50	101.50	1.60	+0.73
28+13	13.90	1.20	91.10	1.00	−10.00
28+32	13.90	1.00	91.10	1.20	−10.22
△ 28+65	6.90	1.10	98.10	1.40	−3.60
29+03	1.20 (110.04)	0.80	103.80	1.00	+1.65
+53	4.30	1.00	105.70	1.20	+3.00
30+03	3.60	1.00	106.40	1.20	+3.14
+53	3.70	1.00	106.30	1.30	+2.50
31+03	5.40	1.40	104.60	0.50	g

31.03
28.65
2.38

105.02
0.38
10.464
54
110.04

Bottom Rain Culvert 1½' sq

grade North line Pueblo Lot —
spk driven into Tel pole at same elevation
as grade at S 31+03

~~Survey of Pueblo Lot 186~~

Cross Section E"st from 14th too 25th

July 2-98

Stat	Sonite	Curb	Mid	Centre	Mid	Curb	Nonite	
0+0	53.50 2.00	52.10 3.40	(55.47) 51.80 3.70	52.10 3.40	51.90 3.60	52.00 3.50	52.30 3.20	West line 14th
14	54.00 1.50	52.90 2.60	52.80 2.70	52.60 2.90	52.70 2.80	52.70 2.80	52.70 2.80	
40	51.90 3.60	52.30 3.20	52.10 3.40	52.20 3.30	51.80 3.70	51.70 3.80	51.70 3.80	
66	50.20 5.30	50.50 5.00	50.70 4.80	50.90 4.60	50.80 4.70	50.70 4.80	50.40 5.10	
0+0	49.10 6.40	49.90 5.60	50.30 5.20	50.20 5.30	50.30 5.20	50.20 5.30	49.90 5.60	
25	48.70 6.80	49.20 6.30	49.30 6.20	49.40 6.10	49.40 6.10	49.60 5.90	49.80 5.70	
50	48.30 7.20	48.40 7.10	48.50 7.00	48.70 6.80	49.30 6.20	49.40 6.10	49.40 6.10	
75	47.40 8.10	47.60 7.90	48.00 7.50	48.60 6.90	48.50 7.00	48.80 6.70	49.40 6.10	
1+00	46.60 8.90	46.90 8.60	47.30 8.20	48.20 7.30	48.80 6.70	46.70 8.80	47.10 8.40	
25	46.10 9.40	46.10 9.40	46.90 8.60	47.50 8.00	48.00 7.50	46.90 8.60	47.20 8.30	
50	45.90 9.60	45.80 9.70	45.90 9.60	46.70 8.80	47.40 8.10	46.80 8.70	47.90 7.60	
75	46.20 9.30	45.80 9.70	45.90 9.60	46.20 9.30	46.50 9.00	46.70 8.80	48.30 7.20	
2+00	45.60 9.90	45.70 9.80	45.70 9.80	46.10 9.40	46.30 9.20	46.10 9.40	48.60 6.90	
25	44.90 10.60	44.70 10.80	44.90 10.60	45.30 10.20	46.20 9.30	45.60 9.80	48.00 7.50	
50	44.70 10.80	44.20 11.30	44.50 11.00	45.00 10.50	45.50 10.[illegible]	45.50 10.00	48.00 7.50	
65	44.50 3.00	44.50 3.00	45.10 2.40	(47.52) 44.70 2.80	45.40 2.10	44.80 2.70	47.50 0.00	
3+75	38.50 9.00	38.80 8.70	42.10 5.40	43.90 3.60	45.00 2.50	41.90 5.60	47.00 0.50	
3+00	37.00 10.50	38.1 9.40	42.40 5.10	42.90 4.60	43.00 4.50	40.10 7.40	42.60 4.90	
250	38.70 8.80	39.00 8.50	41.10 6.40	42.00 5.50	41.40 6.10	39.40 8.10	42.60 4.90	

60.26 B.M.
1.88 B
62.14
10.33 F
51.81
3.66 B
55.47
10.75 F
44.72
2.80 B
47.52

~~Survey of Pueblo Lot 156~~

Stat	South	Curb	mid	Center	mid	Curb	North	
	38.90	39.10	39.00	40.00	40.50	39.30	42.50	
50	8.60	8.40	8.50	7.50	7.00	8.20	5.00	
	39.80	39.90	39.80	40.10	40.70	39.60	42.60	
75	7.70	7.60	7.70	7.40	6.80	7.90	4.90	
	38.80	38.80	40.10	38.50	38.00	38.10	39.90	
4+00	8.70	8.70	7.40	9.00	9.50	9.40	7.60	West line 15th
	37.90	37.40	36.80	36.80	36.90	37.20	37.50	
14	9.60	10.10	10.70	10.70	10.60	10.30	10.00	
	36.50	37.10	37.80	37.00	37.20	37.30	37.60	
40	11.00	10.40	9.70	10.50	10.30	10.20	9.90	
	36.00	35.90	35.80	36.00	36.10	36.10	36.30	
66	11.50	11.60	11.70	11.50	11.40	11.40	11.20	Bottom Creek
	37.50	37.20	37.60	37.60	37.10	37.60	37.60	
0+0	10.00	10.30	9.90	9.90	10.40	9.90	9.90	East line 15th
	40.00	39.10	38.50	38.80	39.60	39.20	38.80	
25	7.50	8.40	9.00	8.70	7.90	8.30	8.70	
	40.30	40.20	40.50	41.00	41.30	41.30	41.30	
50	7.20	7.30	7.00	6.50	6.20	6.20	6.20	
	40.20	40.50	40.80	40.90	41.10	41.40	41.70	
75	7.30	7.00	6.70	6.60	6.40	6.10	5.80	
	40.30	40.50	40.90	41.20	41.50	41.90	41.90	
1+00	7.20	7.00	6.60	6.30	6.00	5.60	5.60	
	40.70	40.80	41.10	41.30	41.50	41.70	41.90	
25	6.80	6.70	6.40	6.20	6.00	5.80	5.60	
	41.90	41.30	41.40	41.90	41.50	41.50	41.70	
50	5.60	6.20	6.10	5.60	6.00	6.00	5.80	
	44.90	43.10	42.10	42.40	42.00	42.00	42.20	
75	2.60	4.40	5.40	5.10	5.50	5.50	5.30	
	46.70	46.50	46.20	45.70	45.10	44.90	44.70	
2+00	0.80	1.00	1.30	1.80	2.40	2.60	2.80	West line 16th
	47.10	46.40	46.40 (52.56)	46.50	46.30	46.40	46.10	
14	5.50	6.20	6.20	6.10	6.30	6.20	6.50	
	47.70	47.40	47.40	47.10	46.90	46.90	46.90	
40	4.90	5.20	5.20	5.50	5.70	5.70	5.70	
	48.30	48.00	48.00	47.80 ~~47.80~~	47.60	47.30	47.00	
66	4.30	4.60	4.60	4.80	5.00	5.30	5.60	
	49.50	49.30	48.60	48.40	48.60	48.00	47.80	
0+0	3.10	3.30	4.00	4.20	4.00	4.60	4.80	East line 16th

47.52
1.42 B
46.10
6.46
52.56
1.18 B
51.38 on top

Stretching post

52.56
3.07
49.49
10.90
60.39
1.13
60.26
4.10
64.36
4.08
60.24

~~Survey of Pueblo Lot 196~~

Stat	South	Curb	Mid	Center	Mid	Curb	North	
0+0	60.40 2.40	61.00 1.80	60.90 1.90	(62.82) 60.70 2.10	59.30 3.50	56.00 6.80	53.10 9.70	East line 16° on top bank
25	66.50 6.70	66.90 6.30	67.10 6.10	(73.19) 66.70 6.50	64.60 8.60	60.40 2.40	55.60 7.20	
50	74.90 8.80	75.30 8.40	76.10 7.60	(83.70) 75.80 7.90	72.70 0.50	67.90 5.30	60.60 2.20	
75	84.40 9.60	85.10 8.90	85.60 8.40	(94.91) 84.60 9.40	80.20 3.50	74.10 9.60	67.10 6.10	
1+00	92.20 1.80	92.40 1.60	92.70 1.30	92.30 1.70	88.60 5.40	81.10 2.60	74.70 9.00	
25	94.60 9.00	94.90 8.70	95.30 8.30	(103.61) 95.00 8.60	93.50 0.50	89.70 4.30	83.70 0.00	
50	95.50 8.10	95.80 7.80	96.10 7.50	96.40 7.20	96.60 7.00	96.40 7.20	93.90 9.70	
75	96.30 7.30	96.90 6.70	97.20 6.40	97.50 6.10	97.50 6.10	97.00 6.60	95.50 8.10	
2+00	97.00 6.60	97.40 6.20	97.90 5.70	98.10 5.50	98.00 5.60	98.10 5.50	97.40 6.20	West line 17°
+14	97.30 6.30	97.60 6.00	98.20 5.40	98.10 5.50	98.00 5.60	97.90 5.70	97.90 5.70	
40	98.10 5.50	98.10 5.50	98.20 5.40	98.40 5.20	98.60 5.00	98.60 5.00	99.10 4.50	
66	98.30 5.30	98.40 5.20	98.50 5.10	98.60 5.00	99.00 4.60	99.70 3.90	100.50 3.10	
0+00	98.70 4.90	98.50 5.10	98.60 5.00	98.80 4.80	99.20 4.40	99.70 3.90	100.20 3.40	
25	99.30 4.30	99.20 4.40	99.40 4.20	99.60 4.00	99.80 3.80	100.10 3.50	100.50 3.10	
50	99.50 4.10	99.40 4.20	99.60 4.00	99.60 4.00	99.60 4.00	99.90 3.70	100.50 3.10	
75	98.70 4.90	98.90 4.70	99.20 4.40	99.50 4.10	99.20 4.40	99.90 3.70	99.90 3.70	
1+00	97.60 6.00	98.00 5.60	98.00 5.60	97.80 5.80	97.70 5.90	98.00 5.60	98.10 5.50	
25	95.60 8.00	95.80 7.80	96.20 7.40	96.70 6.90	97.10 6.50	97.30 6.30	97.50 6.10	
50	93.80 9.80	94.60 9.00	95.30 8.30	95.70 7.90	95.90 7.70	96.40 7.20	96.70 6.90	

51.38 top hitching post
11.44
6282
0.86
6196
11.23
7319
0.63
7256
11.14
8370
0.78
8292
11.09
9401
1.28
9273
10.88
103.61

~~Survey of Pueblo Lot 195~~

Cross Section E"st

Stat	South	Curb	Mid	Centre	Mid	Curb	North	
	92.40	93.30	94.30	94.90	94.70	95.00	95.50	
75	11.20	10.30	9.30	8.70	8.90	8.60	8.10	
	90.60	91.40	92.30	93.00	93.40	93.60	93.80	
2+00	13.00	12.20	11.30	10.60	10.20	10.00	9.80	West line 18"
	89.20	90.10	90.80	(94.95) 91.00	91.40	91.90	92.20	
14	5.70	4.80	4.10	3.90	3.50	3.00	2.70	
	88.20	88.90	89.60	90.00	90.30	90.80	90.70	
40	6.70	6.00	5.30	4.90	4.60	4.10	4.20	
	87.10	87.70	88.40	88.50	88.70	88.90	88.90	
66	7.80	7.20	6.50	6.40	6.20	6.00	6.00	
	86.50	87.30	87.80	88.40	88.60	88.70	89.30	
0+0	8.40	7.60	7.10	6.50	6.30	6.20	5.60	East line 18
	84.60	84.90	85.70	(91.61) 86.40	86.60	87.10	87.90	
25	7.00	6.70	5.90	5.20	5.00	4.50	3.70	
	84.40	83.80	83.80	83.20	84.40	85.10	86.30	
50	7.20	7.80	7.80	8.40	7.20	6.50	5.30	
	84.50	84.10	84.20	83.90	83.70	83.70	84.90	
75	7.10	7.50	7.40	7.70	7.90	7.90	6.70	
	84.30	84.00	84.30	84.40	84.50	84.70	83.60	
1+00	7.30	7.60	7.30	7.20	7.10	6.90	8.00	
	83.90	84.00	83.90	84.30	84.40	84.20	82.00	
25	7.70	7.60	7.70	7.30	7.20	7.40	9.60	
	84.10	84.00	83.90	84.30	84.30	84.90	80.00	
50	7.50	7.60	7.70	7.30	7.30	6.70	11.60	
	84.20	84.10	84.10	84.40	84.40	84.60	81.60	
75	7.40	7.50	7.50	7.20	7.20	7.00	10.00	
	84.60	85.10	84.70	84.70	84.90	84.90	83.70	
2+00	7.00	6.50	6.90	6.90	6.70	6.70	7.90	West line 19"
	84.90	85.70	85.90	85.70	86.10	85.50	85.00	
14	6.70	5.90	5.70	5.90	5.50	6.10	6.60	
	86.30 on top Manhole	86.10	86.40	86.40	86.50	85.60	85.50	
40	5.30	5.50	5.20	5.20	5.10	6.00	6.10	
	86.30	86.60	86.70	87.20	87.00	86.00	85.80	
66	5.30	5.00	4.90	4.40	4.60	5.60	5.80	
	86.50	86.70	87.10	86.90	86.20	86.10	83.60	
0+0	5.10	4.90	4.50	4.70	5.40	5.50	8.00	East line 19"
	86.60	86.80	87.40	87.40	86.70	86.60	85.30	
25	5.00	4.80	4.20	4.20	4.90	5.00	6.30	

103.61
1208
9153 on top of fence post 18th St
342
9495
814
8681
1167
9848
416
94.32 on B.M. Cor 20th E

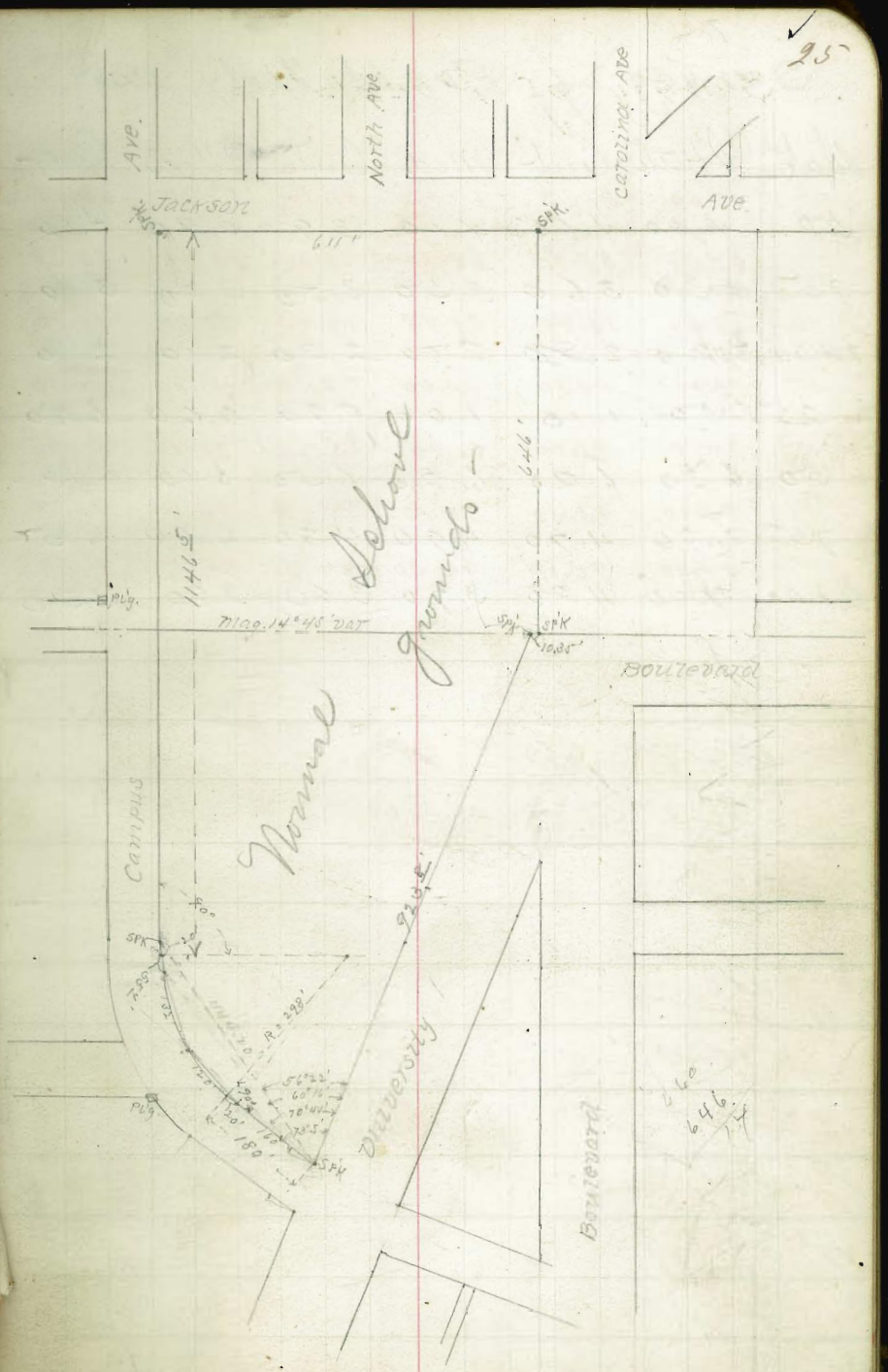
91.53 on top of fence post
0.08
91.61

Survey of Pueblo Lot 195

July 1898

Normal School

Survey Campus for the
State Normal School.
By Order Trustees



Survey of Pueblo Lot 195

Cross Section E St

Stat	South	Cent	Mid	Center	Mid	Cent	North
	87.60	87.50	87.50	87.70	87.70	87.50	87.20
50	4.00	4.10	4.10	3.90	3.90	4.10	4.40
	87.30	88.00	88.10	88.10	88.40	88.50	88.30
75	4.30	3.60	3.50	3.50	3.20	3.10	3.30
	88.40	88.80	89.50	89.40	89.50	89.50	89.80
1+00	3.20	2.80	2.10	2.20	2.10	2.10	1.80
	90.10	90.50	90.60	90.70	91.00	90.70	90.90
25	1.50	1.10	1.00	0.90	0.60	0.90	0.70
	91.70	91.80	91.80	(98.04) 91.50	91.90	91.90	92.10
50	6.30	6.20	6.20	6.50	6.10	6.10	5.90
	93.10	93.30	93.10	93.20	93.40	93.50	93.60
75	4.90	4.70	4.90	4.80	4.60	4.5	4.40
	94.00	93.80	94.30	94.40	94.40	94.70	94.90
2+00	4.00	4.20	3.70	3.60	3.60	3.30	3.10

West line 20th St

91.61
057
91.04
7.00
98.04
372
94.32

Survey of Pueblo lot 186

Survey of Pueblo Lot 185

Survey of Pueblo Lots 185

Survey of Pueblo Lot 185

CROSS-SECTIONS ON A St. W. side 10th to W. side 14th

76.582 BM S.E. Cor 10+C
0.02

May 23/99

Sta	South	Curb	1/4	Center	1/4	Curb	North
			(76.87)				
0+00	72.70 4.17	72.7 4.20	72.8 4.10	72.9 4.03	72.8 4.15	72.9 4.05	72.8 4.12
0+14	72.4 4.54	72.6 4.35 on flume	72.7 4.17	73.0 3.94	72.9 4.05	72.7 4.20	72.7 4.20
+40	72.7 4.17 Insp. C	72.8 4.12	72.6 4.28	72.6 4.28	72.6 4.32	72.7 4.20	72.9 4.05 on flume
+66	72.6 4.34	72.3 4.61	72.8 4.13	73.0 3.95	72.9 3.96	72.4 4.46	72.4 4.53
0+00	72.8 4.08	72.5 4.42	72.6 4.29	72.9 3.98	73.1 3.83	72.8 4.09	72.9 4.00
25	73.4 3.55	73.2 3.73	73.2 3.70	73.2 3.66	73.4 3.50	73.4 3.55	73.4 3.48
50	74.7 9.14	74.7 9.36	74.2 9.88	(84.08) 73.1 9.97	74.0 10.13	74.0 10.08	73.9 10.23
75	77.0 7.14	76.5 7.56	76.5 7.61	76.0 8.10	75.9 8.24	75.6 8.47	75.9 8.20
1+00	79.4 4.70	79.1 5.05	78.4 5.72	77.9 6.17	77.5 6.58	77.7 6.45	77.8 6.28
+25	81.5 2.60	81.4 2.73	80.1 4.01	79.3 4.82	78.8 5.32	78.8 5.32	79.8 4.30
+50	82.4 1.67	82.1 1.97	81.5 2.56	81.1 3.03	80.4 3.68	80.0 4.10	81.1 2.96
+75	83.4 0.74	83.4 0.72	83.0 1.05	82.7 1.40	81.9 2.16	82.0 2.10	82.5 1.64
2+00	84.6 9.90	84.4 10.14	84.2 10.33	(94.52) 84.1 10.38	83.4 11.15	84.0 10.55	84.2 10.33
E.S.11 0+00	89.9 4.62	88.6 5.86	87.4 7.08	87.3 7.18	87.9 6.65	87.7 6.77	87.5 7.00
+25	91.8 2.68	91.5 3.04	91.5 3.03	90.6 3.88	90.9 3.65	90.4 4.08	89.3 5.25
+50	93.7 0.80	93.3 1.17	93.3 1.20	92.9 1.56	92.7 1.85	92.8 1.67	92.1 2.43
75	95.7 9.45	94.6 10.50	95.7 9.37	(105.11) 95.4 9.70	95.7 9.67	94.8 10.35	94.4 10.72
1+00	96.5 8.57	96.1 8.97	97.2 7.87	97.4 7.68	97.6 7.52	97.0 8.07	97.1 7.96
25	98.3 6.82	97.9 7.25	98.5 6.62	98.7 6.42	98.3 6.82	98.5 6.63	99.0 6.13
50	100.6 4.53	100.0 5.12	100.6 4.52	101.3 3.85	101.0 4.15	101.0 4.07	102.0 3.08
75	103.0 2.14	102.2 2.93	102.5 2.56	103.0 2.07	103.4 1.68	103.7 1.45	104.3 0.84

76.852 BM.
.02
7687 -0
− 3.05
73.82 T
10.26
84.08 -0
− 1.03
83.05 T
+ 11.47
94.52 -0
− 1.26
93.26 T
+ 11.85
105.11 -0
− 0.78
104.33
+ 9.28
113.61

Cross Sections "A" – 10th to 14th

Sta				Center (113.61)			
2+00	105.2 8.42	104.4 9.16	104.7 8.93	105.2 8.40	105.5 8.10	105.3 8.30	105.8 7.78
+14	104.6 9.03	104.9 8.75	105.5 8.15	106.0 7.63	106.0 7.57	105.6 7.96	105.9 7.70
+40	105.3 8.34	105.8 7.78	106.2 7.43	106.6 7.00	107.8 6.80	107.2 6.40	107.5 6.07
+66	104.7 8.88	105.2 8.42	106.2 7.36	106.5 7.06	107.0 6.55	107.1 6.47	107.1 6.50
0+00	106.3 7.30	106.5 7.07	106.9 6.73	107.5 6.15	107.9 5.68	109.0 4.64	108.6 5.00
+25	108.2 5.44	108.6 5.00	108.5 5.12	109.4 4.23	110.3 3.30	111.2 2.40	111.9 1.66
50	108.9 4.75	109.1 4.50	109.5 4.08	110.3 3.32	110.7 2.88	111.9 1.73	113.0 0.62
75	109.5 4.13	109.5 4.07	110.3 3.27	110.7 2.90	111.5 2.1	112.9 .7	113.6 0.00
1+00	109.6 12.70	109.9 12.42	110.6 11.75	(122.32) 111.8 10.52	112.1 10.24	113.6 8.70	114.2 8.13
25	109.8 12.50	110.6 11.75	111.7 10.58	112.6 9.74	113.5 8.85	114.6 7.54	115.5 6.80
50	111.0 11.33	121.8 10.54	112.6 9.57	114.0 8.35	114.2 8.08	115.7 6.63	116.8 5.47
75	111.6 10.70	112.8 9.46	114.6 7.67	115.0 7.26	115.5 6.80	117.1 5.18	118.3 4.00
2+00	116.7 5.63	116.8 5.54	117.3 5.05	117.6 4.72	117.7 4.57	118.4 3.90	119.2 3.07
13th St 0+00	119.7 11.95	119.5 12.30	120.1 11.75	(131.78) 120.7 11.10	121.1 10.72	121.8 10.00	123.4 8.40
25	122.8 9.00	122.7 9.07	122.9 8.93	123.6 8.20	123.2 7.63	125.0 6.76	126.0 5.76
50	125.5 6.27	125.6 6.13	126.1 5.75	126.7 5.07	127.3 4.50	127.6 4.22	128.9 2.92
75	128.8 3.00	128.8 2.98	128.9 2.92	129.7 2.08	130.0 1.83	130.4 1.42	131.4 0.45
1+00	130.7 10.28	130.9 10.10	131.5 9.55	(141.04) 132.0 9.04	132.3 8.67	132.6 8.40	133.5 7.48
25	131.7 9.30	132.2 8.77	133.0 7.96	133.5 7.50	134.1 6.87	134.6 6.42	135.8 5.25
50	132.4 8.58	133.3 7.73	134.0 7.00	135.8 6.23	135.6 5.45	136.0 5.00	136.3 4.75
75	133.4 7.62	134.1 6.87	134.8 6.22	135.9 5.12	136.4 4.57	136.8 4.22	137.6 3.45
2+00	134.2 6.82	134.7 6.35	135.3 5.70	136.1 4.94	136.9 4.10	137.8 3.17	139.1 1.93

113.61
− 0.50
113.11 T
+ 9.21
122.32 0
− 1.49
120.83 T
10.95
131.78 0
− 0.86
130.92 T
+ 10.12
141.04 0
− 2.23
138.81

Station	Rod (104.34)	
0+0	101.60 2.70	Culvert
50	99.30 5.00	
1+00	98.50 5.80	
50	96.00 8.30	
2+00	95.20 9.10	
50	95.90 8.40	
3+00	96.10 8.20	
50	97.80 6.50	
75	102.20 2.10	
4+00	102.50 1.80	
50	102.70 1.60	
5+00	103.30 1.00	
50	(105.75) 101.90 3.80	
6+00	99.90 5.80	
50	97.70 8.00	
7+00	96.20 9.50	
50	95.10 10.60	
8+00	94.50 11.20	
50	94.20 11.50	

Survey of wagon Road, parallel to C. S. R. R. from Road in Eureka Lemon tract, South to Morena

B. M. Spike driven into fence post, assumed elevation 100.00 ft.

Center line Road is 70 feet from the Center of R. R.

100.00
4.34
104.34
1.26
103.08
2.68
105.76

Stat	Rod		
	93.70		
9+00	12.00		
	(97.64)		
50	90.30		
	7.30		
	86.50		
10+00	11.10		
	86.30		
50	11.30		Culvt
	87.80		
11+00	9.80		
	91.30		
+50	6.30		
	91.60		
12+00	6.00	90.50	
	91.20		
+50	6.40		
	90.70		
13+00	6.90		
	89.70		
50	8.40		
	88.10		
14+00	9.50		
	86.50		
50	11.10		
	(96.84)		
	84.50		
15+00	12.30		
	84.50		
50	12.30		
	84.50		
16+00	12.00	86.50	
	83.30		
50	13.50		Culvt
	84.30		
17+00	12.50		
	84.80		
50	12.00		
	83.80		
18+00	13.00		

97.64
5.98
91,66 B.M

105.76
11.40
94.36
3.28
97.64
10.66
87.09
9.76
96.84

S 12+00 B.M 91.66 Spike driven in white washed post of R.R fence

Stat.	Rod	Stat	Rod	
	85.60		92.40	
18+50	11.20	28+00	5.20	
	88.90		(101.55)	
19+00	7.90	50	92.10	
			5.40	
	91.60		90.10	
50	5.20	29+00	11.40	Culvert
	92.40		90.60	
20+00	4.40	50	10.90	
	92.30		93.00	
50	4.50	30+00	8.50	
	91.30		94.80	
21+00	5.50	+50	6.70	
	91.40		95.50	
50	5.40	31+00	6.00	
	(97.60)			
	92.60		96.70	
22+00	5.00	50	4.80	
	92.70		98.50	
50	4.90	32+00	3.00	
	92.20		97.50	
23+00	5.40	50	4.00	
	91.90		91.20	
50	5.70	+90	10.30	Culvert
	92.10		97.20	
24+00	5.50	33+00	4.30	
	90.10		100.20	
50	7.50	34+00	1.30	
			(104.40)	
	89.80		97.50	
25+00	7.80	50	6.90	
	88.90		96.30	
50	8.70	35+00	8.10	
	88.40		92.80	
26+00	9.20	50	11.60	Culvert
	86.00		98.20	
50	11.60	36+00	6.20	
	89.90		99.70	
27+00	7.70	50	4.70	
	92.20		98.90	
50	5.40	37+00	5.50	

12
15
26

97.6
6.20
91.4

96.84
9.4
5.44

96.84
4.26
9268
502
9760
449
9311
844
10155
165
9990
452
10442

Stat	Rod	Stat	Rod	
37+50	96.70 7.70	47+00	71.60 9.50	Culvert
38+00	95.60 8.80	50	73.50 7.60	
50	95.30 9.10	48+00	71.70 9.40	
39+00	97.40 7.00	97.50 50	69.40 11.70	
50	97.10 7.30	49+00	(73.69) 69.20 4.50	
40+00	96.40 8.00	50	69.70 4.00	
50	94.20 10.20	50+00	69.10 4.60	
41+00	(97.69) 91.90 5.80	50	69.20 4.50	
50	90.00 7.70	51+00	70.10 3.60	
42+00	88.90 8.80	50	69.50 4.20	
50	87.80 9.90	52+00	70.20 3.50	
43+00	86.10 11.60	50	70.40 3.30	
50	(89.58) 84.50 5.10	53+00	70.50 3.20	
Culvert 44+00	79.70 9.90	50	69.20 4.50	
50	81.10 8.50	54+00	68.50 5.20	
45+00	81.00 8.60	50	66.70 7.00	
50	78.60 11.00	55+00	65.30 8.40	
46+00	(81.08) 76.90 4.20	77.00 50	(65.19) 59.60 5.60	
50	71.80 9.30	56+00	59.30 5.90	

73.69
087
7282 B.M. top Cor post to fence around house, near Bek "C" moreno

104.40
10.08
9432
337
9769
11.60
8609
349
8958
925
8033
075
8108
1099
7009
360
7369
887
6482
037
6519

65,1.9

Station	Rod	
	58.50	
56+50	6.70	
	58.20	
57+00	7.00	
	58.40	
50	6.80	
	57.30	
56+00	7.90	
	53.20	
25	12.00	Culvert
	55.60	
50	9.60	
	57.60	
59+00	7.60	
	59.60	
50	5.60	

Levels over Wagon Road from Eureka Lemon tract to Morena Jan 1899.

Station		10' L.	Center	10' R		
0+0		79.60 12.80	(92.40) 80.20 12.20	80.80 11.60		
+50	83.40 20 9.00	83.60 8.80	83.20 9.20	84.70 7.70		
+60		86.90 5.50	85.40 7.00	85.50 6.90		
+71			88.10 on top Rails 4.30	[illegible]	Center R.R. track	
1+00		88.50 3.90	89.50 2.90	88.60 3.80		
+50 △ (Grade 89.0)		92.10 0.30	91.80 0.60	91.40 1.00	1+50 this point is 50 ft South of South line of street in Eureka Lemon tract, and 20' East of the last line of right of way	
2+00		91.40 1.00	91.10 1.30	90.60 1.80		
50		90.90 1.50	90.70 1.70	90.30 2.10		
3+00		89.60 4.70	(94.27) 89.20 5.10	88.70 5.60		
50		88.60 5.70	88.30 6.00	87.70 6.60		
4+00	87.30 20 7.00	86.90 7.40	86.50 7.80	86.00 8.30	86.00 8.30	
50	85.60 8.70	85.10 9.20	84.50 9.80	84.10 10.20	83.50 10.80	
5+00	85.30 9.00	84.90 9.40	84.20 10.10	83.10 11.20	82.40 11.90	Culvert 18"
50	86.20 8.10	85.20 9.10	84.60 9.70	83.50 10.80	82.00 11.30	
6+00	86.10 8.20	85.50 8.80	85.00 9.30	83.80 10.50	82.90 11.40	
50	85.50 8.80	84.40 9.90	83.60 10.70	82.80 11.50	82.10 12.20	
7+00	86.40 7.90	85.10 9.20	84.30 10.00	83.50 10.80	82.90 11.40	
50	86.80 7.50	85.80 8.50	84.70 9.60	83.80 10.50	82.80 11.50	

0.74
91.66 BM
92.40
1.40
91.00
3.27
94.27

Sta 1+50 seems to = Sta 12 p. 50

Moreno & Eureka Lemon Tract Road

Station	20'	10' L.	Center	10' R.	20'	
	86.10	84.70	83.90	83.10	82.40	
8+00	8.20	9.60	10.40	11.20	11.90	Culvert
	87.40	86.30	85.50	84.90	84.20	
50	6.90	8.00	8.80	9.40	10.10	
	90.50	89.90	88.90	88.60	88.00	
9+00	3.80	4.40	5.40	5.70	6.30	
		92.80	91.60	90.70		
50		1.50	2.70	3.60		
		93.10	92.30 (98.40)	91.50		
10+00		5.30	6.10	6.90		
		93.40	92.40	91.50		
50		5.00	6.00	6.90		
		92.20	91.50	90.40		
11+00		6.20	6.90	8.00		Ravine
		93.60	92.60	91.40		
50		4.80	5.80	7.00		
		95.00	93.70	92.40		
75		3.40	4.70	6.00		
		93.60	92.70	91.10		
12+00		4.80	5.70	7.30		
		93.50	92.20	90.70		
50		4.90	6.20	7.70		
		93.30	91.80	90.50		
13+00		5.10	6.60	7.90		
		92.90	92.20	91.10		
+60		5.50	6.20	7.30		
		91.10	90.10	89.20	88.40	
14+00		7.30	8.30	9.20	10.00	
	91.30	90.30	89.70	88.10	87.40	
50	7.10	8.10	8.70	10.30	11.00	
	91.20	89.90	88.80	87.20	86.20	
15+00	7.20	8.50	9.60	11.20	12.20	
	91.10	89.10	(96.90) 88.40	86.60	85.40	
+50	5.80	7.80	8.50	10.30	11.50	
	88.90	87.20	86.00	85.50	84.10	
16+00	8.60	9.70	10.90	11.40	12.80	Culvert 2
		92.10	89.80	88.70	87.50	
50		4.80	7.10	8.20	9.40	

94.27
2.26
92.01
6.89
98.40
9.54
88.86
8.04
96.90

Station	10' L.	Center	10' R.	20'	
	94.40	92.20	90.60	88.70	
17+00	2.60	4.70	6.60	8.20	
	93.40	92.40	90.20	89.30	
50	3.50	4.50	6.70	7.60	
	94.20	92.20	90.90	87.00	
18+00	2.70	4.70	6.00	9.90	
	92.90	90.30	89.50	88.80	
25	4.00	6.60	7.40	8.10	Culvert 1"×18"
	92.70	90.20	88.50	87.70	
60	4.20	6.70	8.40	9.20	
	90.60	88.60	88.20	87.80	
75	6.30	8.30	8.70	9.10	
	92.20	90.60	89.70	89.10	
19+00	4.70	6.30	7.20	7.80	
	94.60	93.10	91.50	90.30	
50	2.30	3.80	5.40	6.60	
	95.70	94.90	93.90	91.80	
20+00	1.20	2.00	3.00	5.10	
	97.10	(103.26) 96.00	95.10		
50	6.20	7.30	8.20		
	97.20	96.40	95.30		
21+00	6.10	6.90	8.00		
	100.30	98.20	96.60		
50	3.00	5.10	6.70		
	98.50	97.60	95.60	92.10	
22+00	4.80	5.70	7.70	11.20	
	96.00	94.90	92.50	90.50	85.80
+20	7.30	8.40	10.80	12.80	17.50 Culvert 2'
	95.10	93.60	91.40	89.30	86.80
22+40	8.20	9.70	11.90	14.00	16.50
		98.40	96.30	94.50	93.20
22+65		4.90	7.00	8.80	10.10
		99.50	97.10	95.40	94.80
23+00		3.80	6.20	7.90	8.50
		100.90	100.70	97.10	95.30
50		2.40	2.60	6.20	8.00
		99.60	98.00	95.70	94.60
24+00		3.70	5.30	7.60	8.70

96.90
1.56
95.34
7.92
103.26

Station	20'	10' L.	Center	10' R.	20'	
		97.70	96.40	95.50	93.90	
60		5.60	6.90	7.80	9.40	
	96.20	95.10	92.90	91.10	89.90	
25+00	7.90	9.00	11.20	13.00	14.20	Ravine 2
		99.70	98.20	96.50	95.90	
60		4.40	5.90	7.60	8.20	
		100.40	99.70	98.50		
26+00		3.70	4.40	5.60		
		99.50	99.00	98.10		
60		4.60	5.10	6.00		
		99.70	97.70	95.80	94.10	
75		4.40	6.40	8.30	10.00	
		97.90	96.70	95.70	95.10	
27+00		6.20	7.40	8.40	9.00	
		97.10	95.50	94.20	94.00	
60		7.00	8.60	9.90	10.10	
		97.20	95.00	94.20	93.60	
28+00		6.90	9.10	9.90	10.50	
		97.00	95.30	93.90	92.10	
25		7.10	8.80	10.20	12.00	
		98.80	97.40	95.00	94.50	
60		5.30	6.70	9.10	9.60	
		98.60	97.10	95.50		
29+00		5.50	7.00	8.60		
		97.60	96.60	96.00		
60		6.50	7.50	8.10		
		95.00	94.30	93.30		
30+00		9.10	9.80	10.80		
			(97.52)			
		93.30	91.90	90.20		
60		4.20	5.60	7.30		
		91.90	90.00	88.90		
31+00		5.60	7.50	8.60		
		89.30	88.90	88.20		
60		8.20	8.60	9.30		
		89.20	87.50	87.00		
32+00		8.30	9.70	10.50		
		87.20	86.10	84.70		
60		10.30	11.40	12.80		

103.26
5.64
97.62
6.48
104.10
9.27
94.83
2.69
97.52
10.79
86.73

Monroe - Enick Lumber Str. - Road

76.40 / 36 / 72.80 on Bm stk in post — 72.82

Station	20'	10' L.	Center	10' R.	20'
		86.40	(91.23) 85.80	83.90	
+ 76		4.80	5.40	7.30	
		84.40	84.40	83.70	82.40
33+00		6.80	6.80	7.50	8.80
	83.00	81.90	80.70	80.00	79.40
25	8.20	9.30	10.50	11.20	11.80 Culvert 18" x 2'
	83.00	81.00	79.80	78.40	77.60
50	8.20	10.20	11.40	12.80	13.60
		82.50	81.00	80.40	78.90
34+00		8.70	10.20	10.80	12.30
		82.90	(83.97) 81.40	79.10	77.90
25		1.10	2.60	4.90	6.10
		81.10	81.00	79.50	76.70
50		2.90	3.00	4.50	7.30
		79.90	78.60	76.50	75.40
35+00		4.10	5.40	7.50	8.60
		78.20	76.60	75.30	74.60
50		5.80	7.40	8.70	9.40
	73.60	72.50	71.60	70.70	70.00
36+00	10.40	11.50	12.40	13.30	14.00 18" x 2' Culvert
		73.40	(76.40) 71.70	70.10	68.40
50		3.00	4.70	6.30	8.00
		74.30	73.50	71.50	70.40
37+00		2.10	2.90	4.90	6.00
		72.50	71.20	70.00	
50		3.90	5.20	6.40	
	70.60	69.90	68.80	67.40	
38+00	5.80	6.50	7.60	9.00	
	70.10	69.40	68.70	67.70	
50	6.30	7.00	7.70	8.70	post - Bm
	71.20	69.90	68.30	67.20	
39+01	5.30	6.50	8.10	9.20	
	71.40	69.90	68.50	67.60	67.30
50	5.00	6.50	7.90	8.80	9.10
		70.40	69.00	67.80	67.20
40+00		6.00	7.40	8.60	9.20
		71.00	70.10	68.90	
50		5.40	6.30	7.50	

over to P 60

86.73 / 4.60 / 91.23 / 10.36 / 80.87 / 3.10 / 83.97 / 11.65 / 72.42 / 3.98 / 76.40

40.00 B.M.
7.30
47.30

47.30	47.30	47.30	47.30	47.30	47.30	47.30	47.30
41.46	41.73	42.00	42.27	42.54	42.81	43.08	43.35
5.84	5.57	5.30	5.03	4.76	4.49	4.22	3.95

47.30	47.30	47.30	47.33	47.33	47.33	47.33	47.33
40.62	43.89	44.16	40.71	43.27	42.83	42.39	41.94
3.68	3.41	3.14	6.62	4.06	4.50	4.94	

40.00 B.M.
7.33

47.33	47.33	47.33	47.33	47.33	47.33	47.33
42.18	41.97	41.76	41.55	41.34	41.14	40.93
5.15	5.36	5.57	5.78	5.99	6.19	6.40

47.33	47.33
40.72	40.51
6.61	6.82

40.00 B.M. checking
7.39

47.39	47.39	47.39	47.39	47.39	47.39
41.46	41.73	42.00	42.27	42.54	42.81
5.93	5.66	5.39	5.12	4.85	4.58

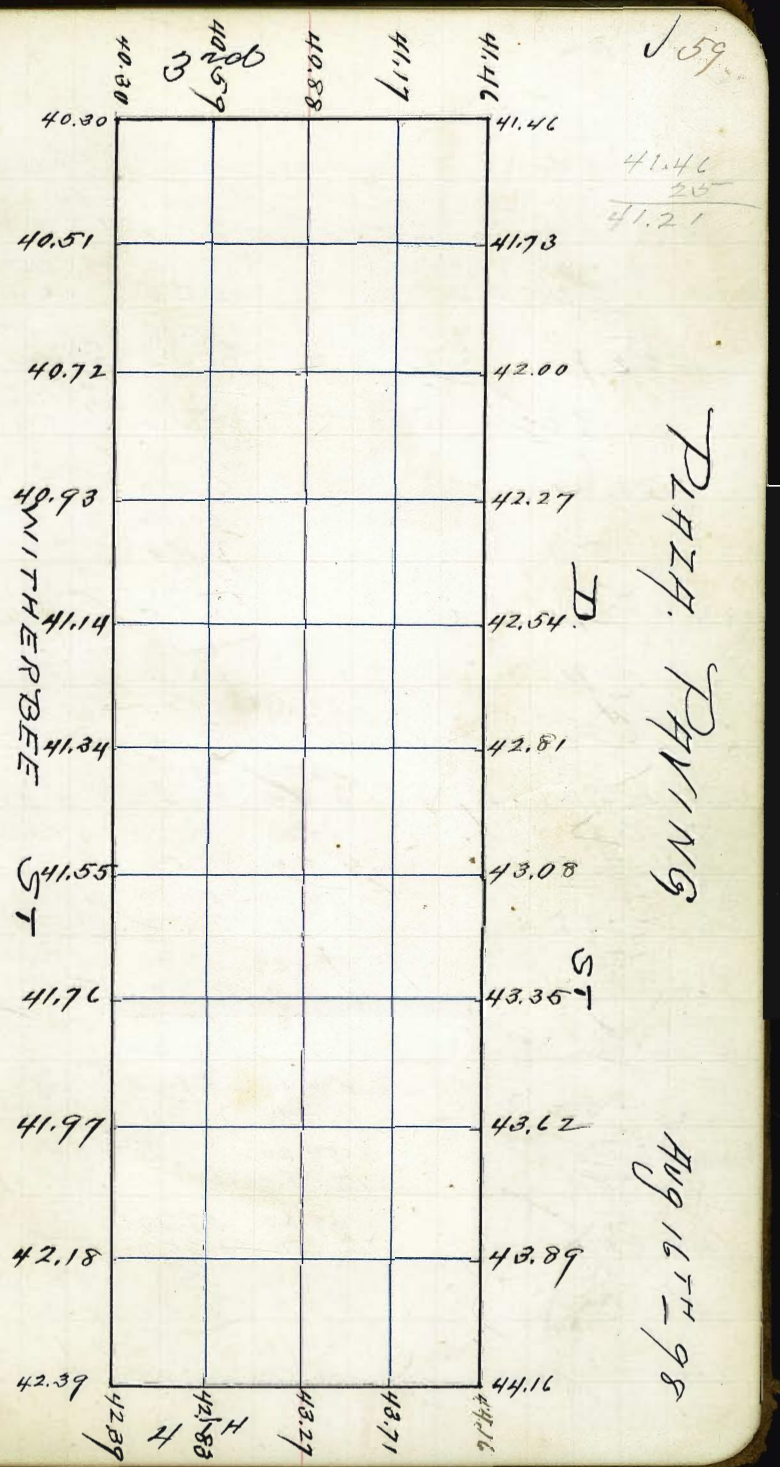
47.39	47.39	47.39	47.39	47.39
42.81	43.08	43.35	43.62	43.89
4.58	4.31	4.04	3.77	3.50

47.39	47.39	47.39	47.39	47.39	47.39	47.39
42.18	41.97	41.76	41.55	41.34	41.14	40.93
5.21	5.42	5.63	5.84	6.05	6.25	6.46

47.39	47.39
40.72	40.51
6.67	6.88

J 59

41.46
.25
41.21



Station	20'	10' L	Center	10' R		
41+00		70.30 6.10	69.40 7.00	68.40 8.00		
50		71.10 5.30	70.10 6.30	69.20 7.20		
42+00		71.10 5.30	70.40 6.00	69.40 7.00		
50		70.90 5.50	70.40 6.00	69.50 6.90		
43+00		70.20 6.20	69.20 7.20	68.30 8.10		
50		69.00 7.40	68.70 7.70	67.50 8.90		
44+00		67.10 1.90	(69.04) 66.60 2.40	65.90 3.10		
50		65.70 3.30	65.30 3.70	64.00 5.00		
45+00	61.30 7.70	61.00 8.00	60.50 8.50	59.60 9.40	59.10 9.90	
50	60.80 8.20	60.40 8.50	60.20 8.80	59.70 9.30	59.30 9.70	
46+00	60.00 9.00	59.60 9.40	59.40 9.60	59.00 10.00	58.70 10.30	
50	59.70 9.30	59.50 9.50	59.20 9.80	58.80 10.20	58.50 10.50	
47+00	59.60 9.40	59.60 9.40	59.50 9.50	59.00 10.00	59.00 10.00	
50	58.00 11.00	58.30 10.70	58.20 10.80	58.00 11.00	58.00 11.00	this station is directly opposite Bek D. and South line S Barber St
+70	54.90 6.80	54.50 7.20	(61.70) 54.20 7.50	54.00 7.70	54.00 7.70	
Bridge { 20' +90	59.00 2.70	55.60 6.10	54.10 7.60	53.40 8.30	53.60 8.10	
48+00	59.20 2.50	57.70 4.00	56.10 5.60	55.60 6.10	54.50 7.20	
50	59.30 2.40	58.70 3.00	58.10 3.60			
49+00	61.10 4.20	(65.33) 60.80 4.50	60.40 4.90			

76.40
7.63
68.77
0.27
69.04
10.33
58.71
3.00
61.71
2.75
58.96
6.37
65.33

Stat		10' L	Center	10' R
		62.70	62.20	61.80
50		2.60	3.10	3.50
		62.40	61.80	61.40
50+00		2.90	3.50	3.90

61.34
1029
5105

3.60
50
4.10
50
4.60
50
5.10
50
5.60
50
6.10
50
6.60
50
7.10
50
7.65
50
8.15

4.60
3.25
1.35

4.60
1.35
3.25

6.20
50
5.70
50
5.20
60
4.60
85
3.75
85
2.90
85
2.05
85
1.20

9.4
5
8.9
5
8.4
5
7.9
5
7.4
5
6.9
5
6.4
5
5.9
5
5.4

4.10
2.60
1.60

4.60
1.30
3.25
4.20
7.45
24
50

3.75
2.1
1.65
42
2.90
1.3
480
2.05
2.75

17
1.85

74
2.40
500

4.20
24
1.8

16.19
50
10.69
5
10.19
50
9.69
50
9.19
50
8.69
50
8.19
50
7.69
50
7.19
50
6.69
50
6.19
50
5.69
50
5.19 = 5.400

1.17
.58

2.40
58
2.98
58
3.56
58
4.14
4.58
4.72

4.30
1.75
6.05
1.75
7.80
1.75
9.55
1.75
11.30
50
10.80
1.50
10.30
50
9.80
50
9.30
50
8.80
50
8.30

11.19

9.65
1.25
8.40
1.25
7.15
1.25
5.90
1.25
4.65
1.25
3.40
1.25
2.15 300

10.95
1.25
9.70
1.25
8.45
1.25
7.40
1.25
6.15
1.25
4.90
1.25 300
3.65
1.25
2.40

298
9
2.8

3.56
18
1.8

3.50
1.75 80

7.25
5.9
1.3

Rose Canon Road

April 9th 1898

From End Gassen grade I run a one per cent ascending grade to Station 106 —

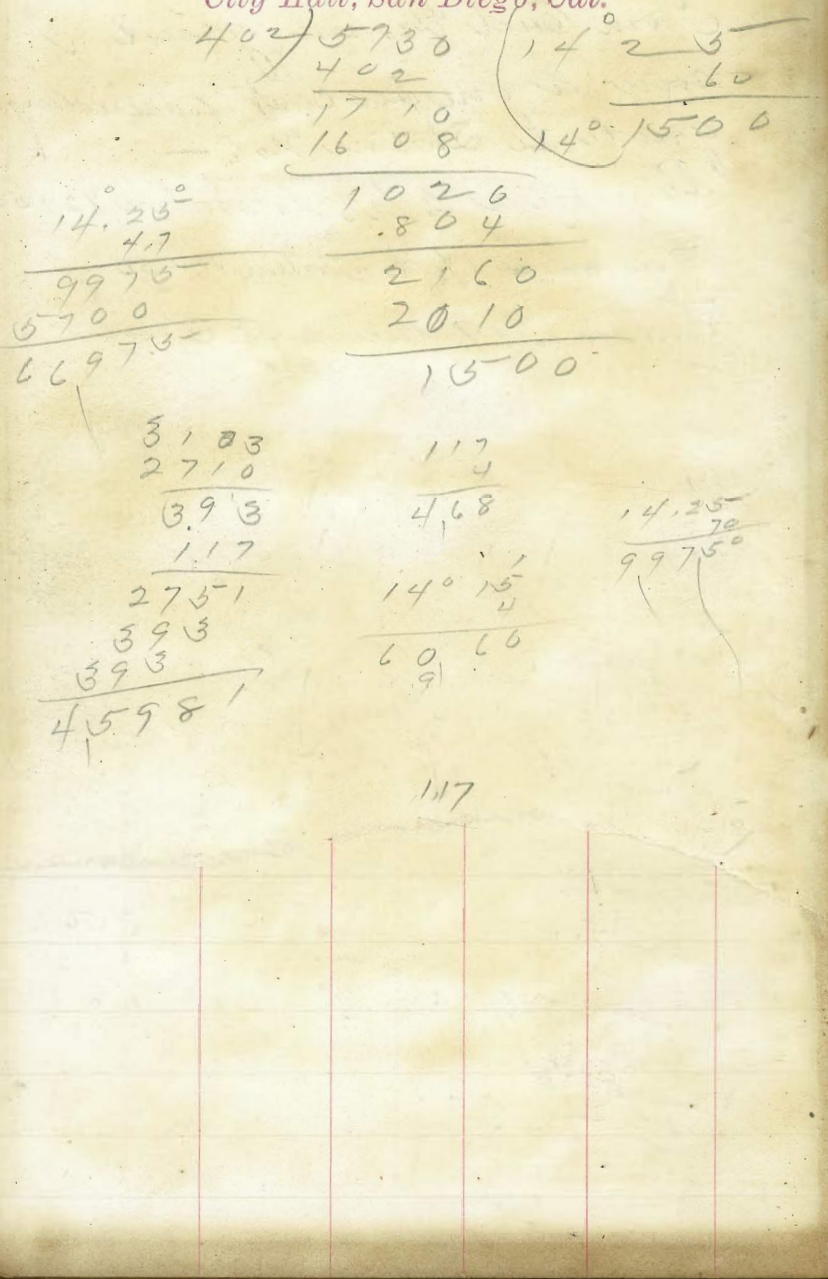
Then on a 2 1/2% ascending to Station 12+50

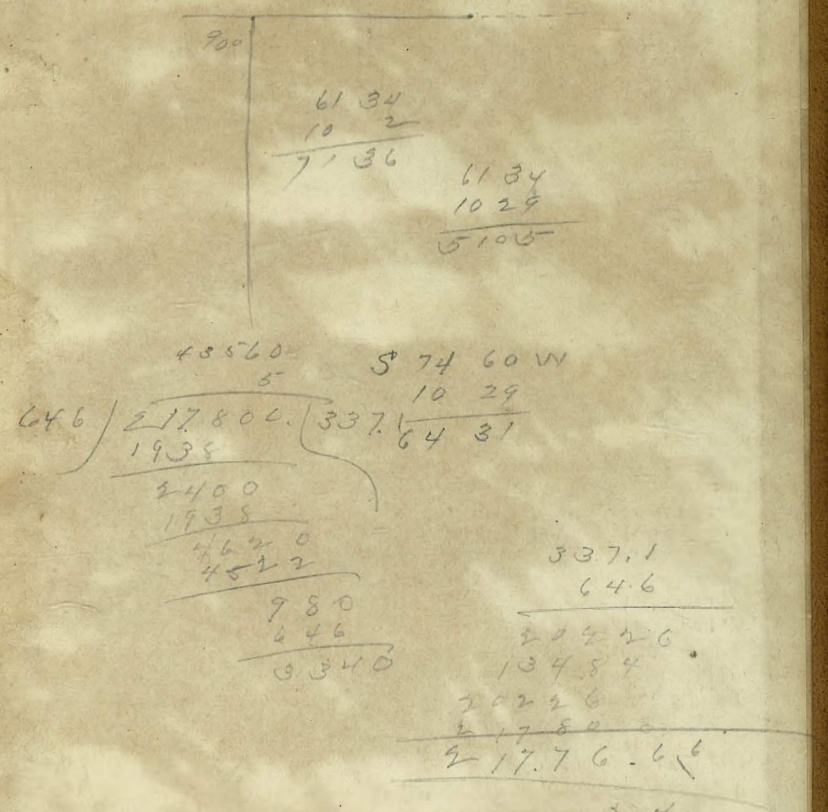
Then on a 1% ascending to Station 16+50

Then on a 1% descending to S

7685

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



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

9E
ac