

213

F.B. 213

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

MINUTES	LKS.	MINUTES	LKS.	MINUTES	LKS.
1	2 1/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 1/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 2/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	60	140

Return to City Engineers Office
City Hall, San Diego, Cal.
TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second number of links to be added to the horizontal measurement.

MICROFILMED

Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle
0		0		0		0
4	0.24	11	1.88	18	5.14	2
5	0.38	12	2.24	19	5.76	3
6	0.55	13	2.63	20	6.42	4
7	0.76	14	3.06	21	7.11	5
8	0.98	15	3.53	22	7.85	6
9	1.24	16	4.02	23	8.64	7
10	1.55	17	4.56	24	9.47	8

1

water lines

30000

11/06
 Hatch
 Haslam
 Thomas

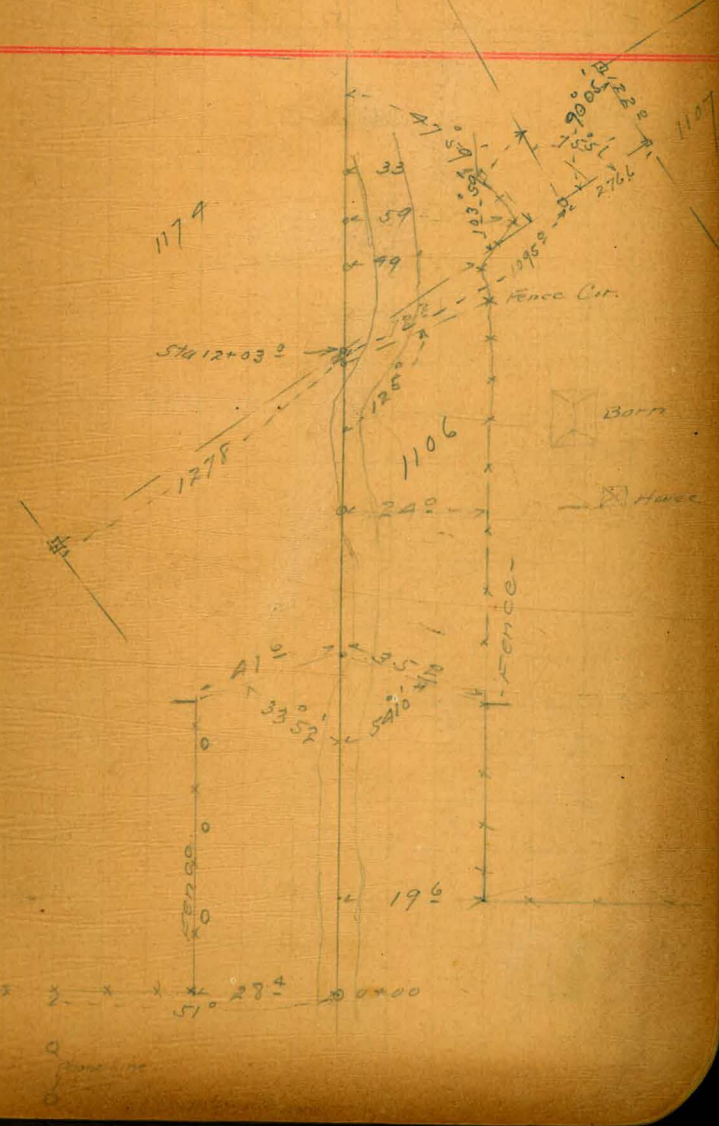
POSTED

Scripps Road. N-S.D.P.

Sta.	L	R	Mag.	Col.	C
+15					
+28					
+53					
12+00	41° 20' 1/2		N 12° 30' E	N 12° 41' 1/2 E	
13+00	41° 20'				
14+00	05'	140° 5'	N 54° E	N 54° 22' E	
15+39					
16+00			N 30° W	N 30° W	

5492
 4120 1/2
 1741 1/2

1173 2

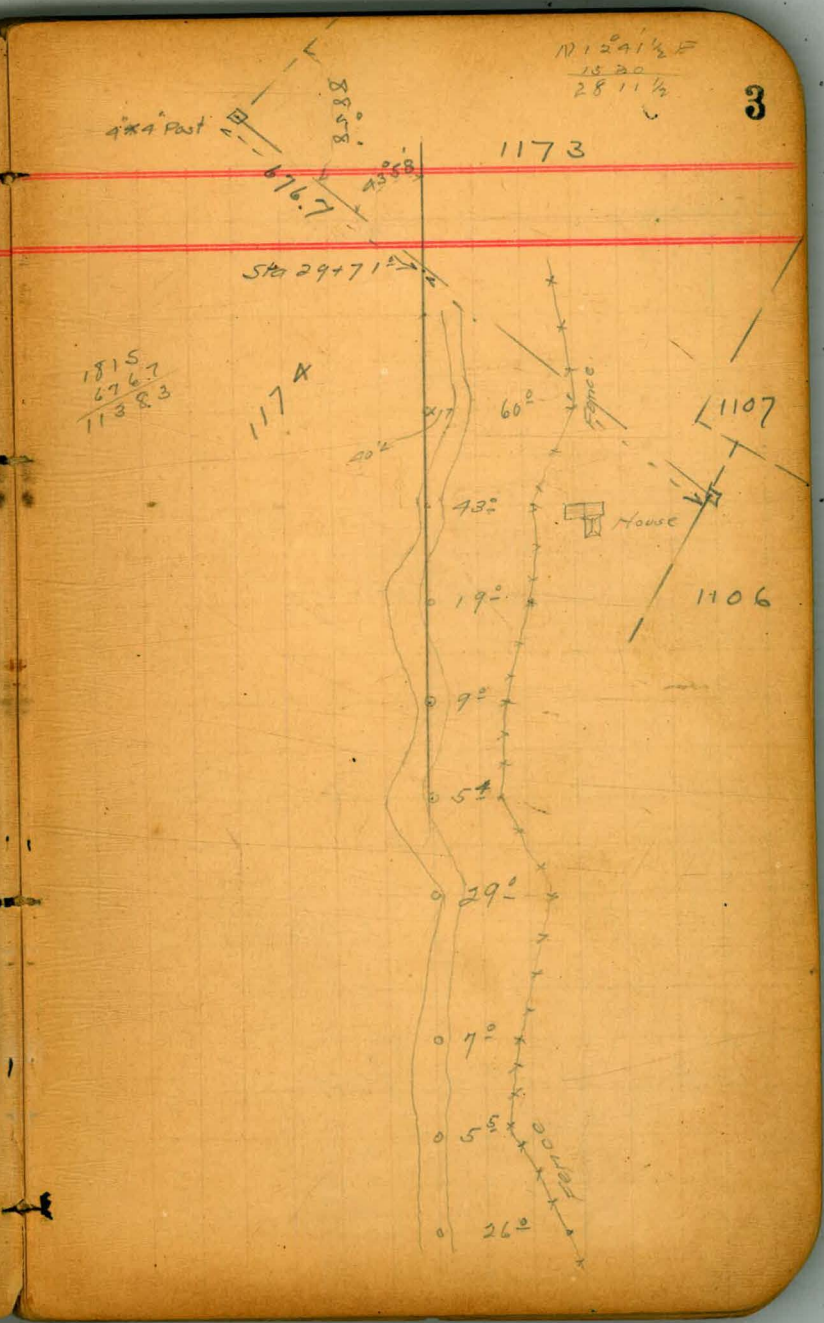


Monuments set in
- Roseville -

Monument	Location	Tree
Aderson	+ Shafter	
"	" Scott	
"	" Locust	
"	" Elm	
Byron	+ Willow	
Carlton	" Plum	
Keats	+ Shafter	
"	" Scott	
"	" Locust	
"	" Elm	
Macaulay	+ Willow	
Jones	+ Plum	
Paol	+ Willow	
Tarneson	+ Willow	
Udell	+ Locust	
"	" Elm	
"	" Plum	
Zoach	+ Shafter	
"	" Scott	
Leartes	" Shafter	Bronze + Elm
"	" Scott	
"	" Locust	
"	" Elm	
"	" Willow	
"	" Plum	

"	130	4	"	1	172	
"	141	4	"	4	193	2
"	142	4	"			
"	143	2	"			
"	146	2	"			
"	147	2	"			
"	148	4	"			
"	149	4	"			
"	169	4	"			
"	170	4	"			
"	171	4	"			
"	172	4	"			
"	173	4	0			
"	174	4	"			
"	175	2	" + 3	on center line		
"	177	2	"			
"	178	4	"			
"	179	4	"			
"	180	4	"			
"	181	4	"			
"	182	4	"			
"	183	4	"			
"	184	4	"			
"	185	4	"			
"	186	3	"			
"	188	3	"			
"	189	3	"			

L	R	Mag C
29+60 ⁵		
28+48		
27+00		
25+85		
23+00		
22+00		
+41.3 19+70	15.30	N 25° E N 28 1/2° E
15+56		
14+00		
13+00		N 12 1/2° E

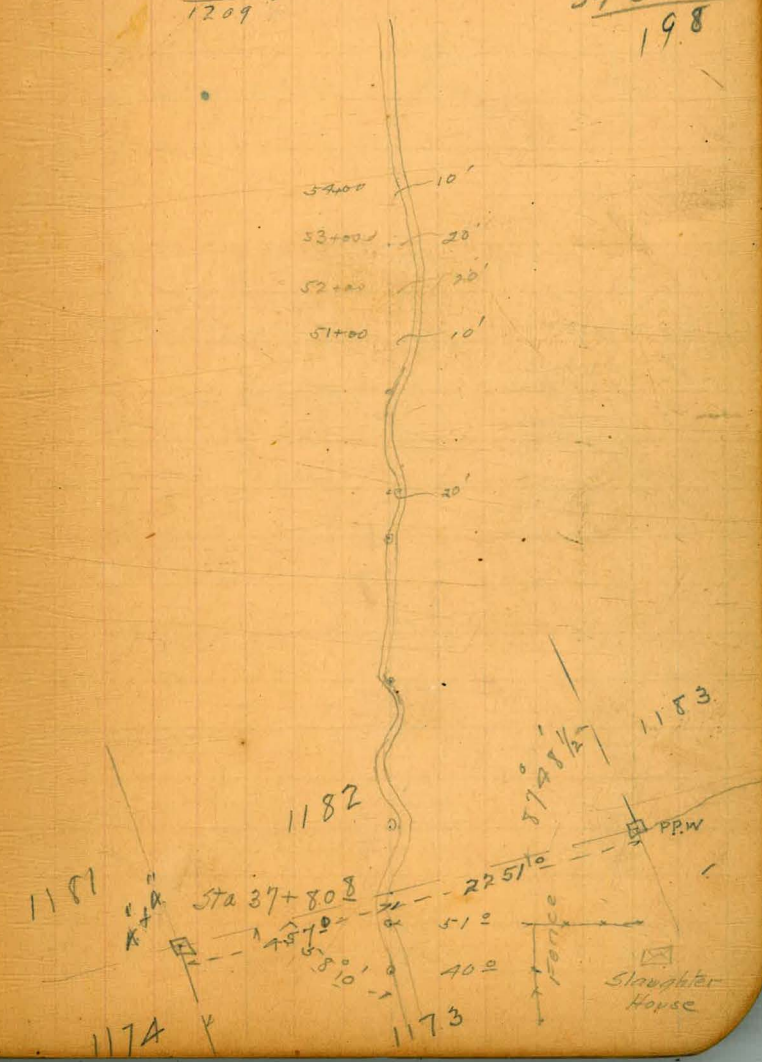


N 28° 11 1/2' E
 10 40
 N 17° 31 1/2' E
 29
 46 3 1/2
 18
 28 3 1/2
 17 41
 10 50 1/2
 23 39 1/2
 12 09

38006
~~37008~~
 198

L R. Mag C.

1745 54+45 Δ	22° 59 1/2' 23° 00'	N 12° 40' W N 12° 09' W
50+55 Δ		
+ 00 Δ 45+40 Δ	17° 41' 17° 40'	N 10° 40' E N 10° 50 1/2' E
42+00 S 42+00 Δ	18° 00'	N 28° 20' E N 28° 31 1/2' E
38+00 S 38+00 Δ	29° 00'	N 46° 20' E N 46° 31 1/2' E
31+53 + 75.8 30+45 Δ	10° 40'	N 17° 20' E N 17° 31 1/2' E



13+97E
44+00A

1639'
1640 N7°00'E N7°20'E

+42' 1749'
69+43A 1750

N9°40'W N9°00'W

65+98A
66+00A

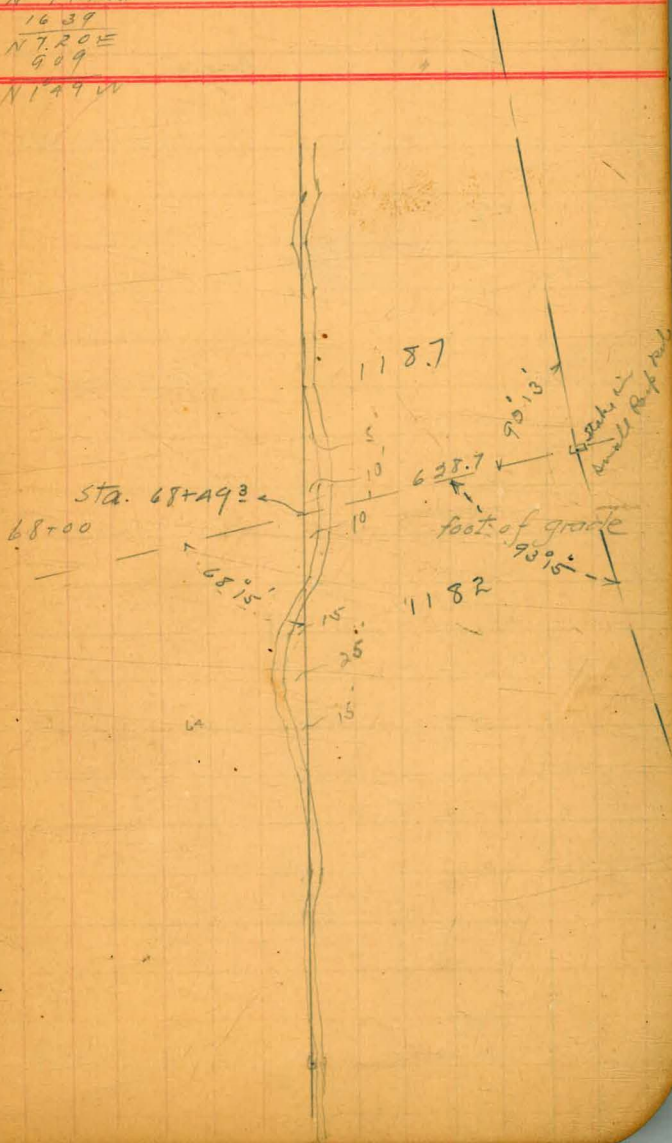
+45'
57+46A

2039'
2040 N8°00'E N8°30'E

N12°09'W
2039
N8°30'E
1749
N9°19'W
1639
N7°20'E
909
N1°49'W

11205'
6845'

5



1/12/06.

N	R.	Mag C
91+962 92+00A	1°40'	N51°50'E N82°10'E

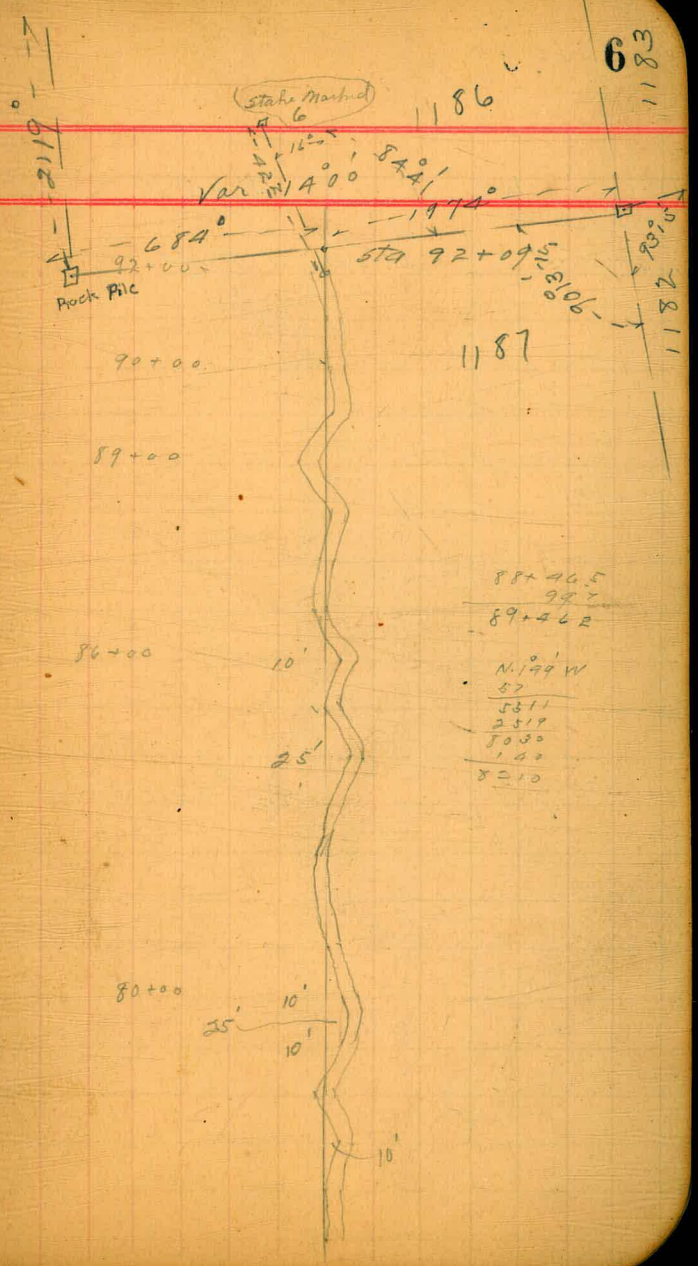
1462 89+50A	25°19' 25°20'	N50°10'E N80°30'E
----------------	------------------	-------------------

7465 88+50A	57°00'	N54°50'E N65°11'E
----------------	--------	-------------------

83+54 A

122
76+150A 909'
910'

N2°10'W N149°W



683
1183

L.	R.	Mag. C
109+46 ²	26'37'	
110+50 ²	26'40'	N77°00'E - N77°07'E

105+65²
106+67²

+35²
101+30 Δ 31'40'

N50°00'E - N50°30'E

N P 210 E
3140
5030
2687
7707
3909
N 1202 W

10065
10125
6.40

7

107+00

40'

slip-(?)

102+00

30' 10'

100+00

15'

10'

10'

93+00

Angle Angle
R. R. Mag C

120+62L
122+67E

122+00A
118+39
121+45 FENCE.

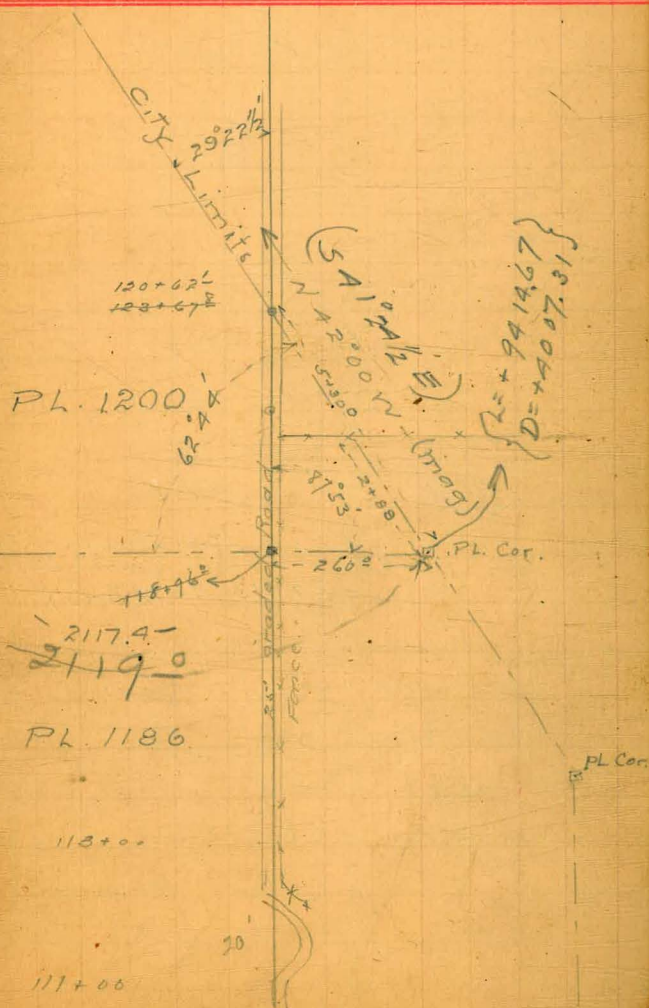
111+42E 89°09'
112+47A 89°10'

N12°50'W N12°02'W

12367.5
371
120.02
121.45
2057
118.39B

123+67
118+96
A. 718

8



11575 286
 13
 273
 450 2753
 13 2922
 237 6222
 7 15089
 1137

97729 2753
 2922
 6222
 47969 9
 917
 652103 977
 97729 417
 396916 1569
 407529 20705

1125 To one stake on 600
 City line 629
 408 To Angle 1st. on Same line

272 161
 59 222
 263 27

Line bet. 1177 - 1182

+2535 322 263
 +335 571 570
 833

1320
 12940
 32
 13.27 1/2 Cen.
 36 19

+212 650 641.4
 +020 289 290
 -325 363 3628
 -500 789 784
 +197 251 252
 (220A) -155 350 2351
 2671

2657
 3322
 324

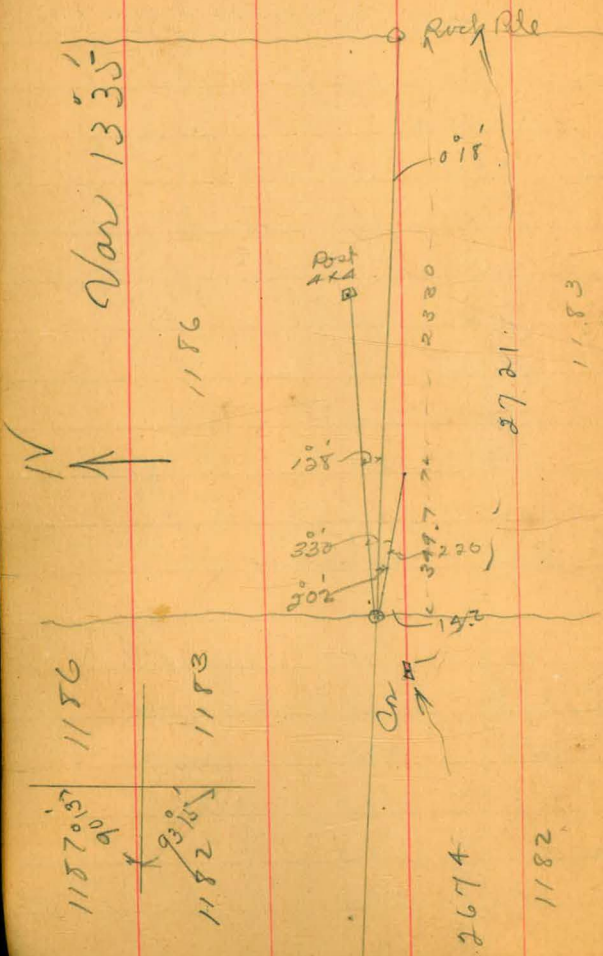


-028 1376 1377 mag 1325
 146h) 7432 748 743.7 Stub. - RP
 +435 750 746.7 2128.7
 -320 117 114.0 2237.7
 692h -234 503 503
 615h -235 480 480

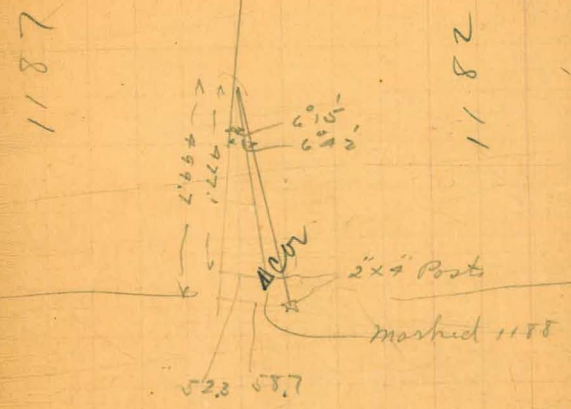
220' sth
 (marked 1158)

-010 0.99
 -011 1.99
 -015 2.99
 -001 3.99
 +010 5.00
 +020 6.00

#1 +1° 756' 756'
 #2 +00° 530' 530'
 #3 -3°10' 167' 163'
 #4 -8°42' 417' 408.5'
 #5 -14°05' 286' (261.5 reduced from
 -204' 449' (13) 437' 11+37' with angle of 1646)



2721
2720
2720



2721
2674
1187
235

Stake 1-2

+108' 345 346 Var. 15°
 -033' 124 125

Stk 2-7 -1047' 159 1544 220 R

Splinter -1047' 253 245.1 041 R

" " -1100' 269 260.2

PPW -1757' 442 401 523 L

Cor-by Fence -635' 1383 1365.8 153 L

PPW -755' 1083 1063 215 L

sin 523 = .09282

cos " = .99559

sin 218 = .04013

cos " = .99919

sin 153 = .03276

cos " = .99946

sin 220 = .04071

cos " = .99917

(1267
 55
 1261.5)

270
 200
 70

270
 262

1582
 1582
 1582
 1582
 1582

100
 100
 100
 100
 100

141
 141
 141
 141
 141

113
 113
 113
 113
 113

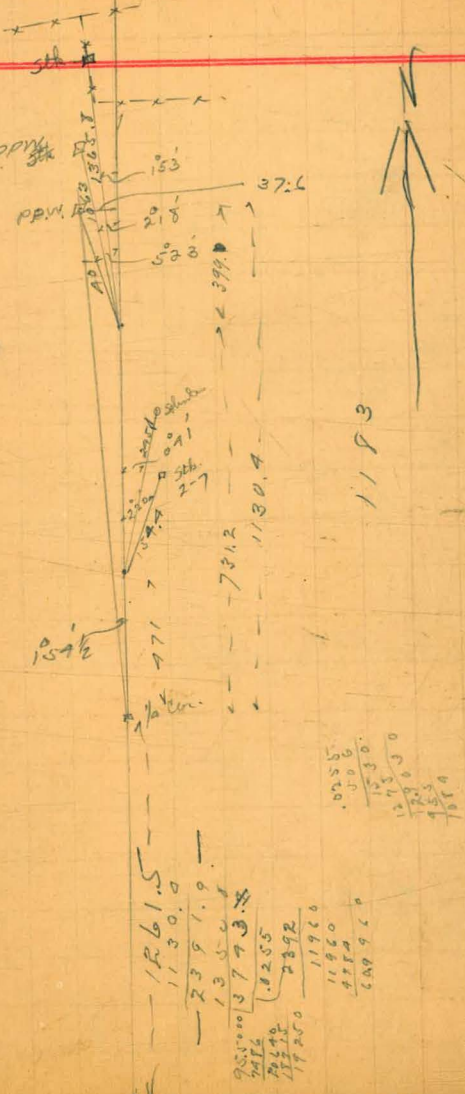
11

37622 11309
 33712 83325
 37100
 33912
 31588
 22628
 92720

99559
 901
 99559
 395236
 39923159
 7312
 11309

99382
 901
 99382
 37528
 3762182

2705
 2680
 57205395
 45555
 37050
 32965
 32870
 46800
 42160
 3640



9055
 1006
 12330
 12330
 9055

1261.5
 1130.0
 2391.9
 1352.4
 13793.8
 18255
 11960
 11960
 4884
 6891.0

cur 3340 = .83228 53.7 @ 3340

2657.8
1974
684

582596
299684
416140
79.693436

1940
447

1989.7 to lat

Sta 1974 Intersecting

12615
15866
3118
12972
127.5

1261.5
13508
2612
261
2612
10799
95.6
11.6

2653
12615
16050
15650
39700
39145
5200
12675
1001
15675
5060
62215

+435 539 536.6 2653

-350 1338 1333 3189.6

=040 1224 1225 1856.6

-128 725 725.8

+325 165 160.2 631.6

+740 479 471.9 Var 1635

23 469
1231

372 3189.6
5356
2653.0

2653
100153
7959
31224
2653
485499
3653
2657.8
18566

Sta. 1860.0 on new line

cur 1724 = .29904
cur = .95424

29904 95424
5366 536.6
179424 572344
179424 572344
89712 274272
149520 477120
168464864 512045184

Sta 2653

cur 734 = .13168
cur = .99129

13168 99129
7290 725.5
6570 496645
26330 495645
92176 198258
95633890 693903
719180855

1187

1182

18566
1308
51
34
5356

160.5
160.5
13
1076
1224
631.6
1224
15866

12

2653 160.5
15874 1225
796 22.09796
3.14 6914

1507
10410
7421
1557
7428

768798
1276
5.6

2653
2392
16050
15874
9150
5245
2704
7-360

2392
10215
19136
2392
7086
981660

16.50
15978
12208607

2653
18566
31

10500
3600
62690
31007
5172500
5.5

13.7 1800.6
10000
92820
111396
11232030
1270
15.2

1020100
600
720019

2653
619
38577
2653
60427

.0605

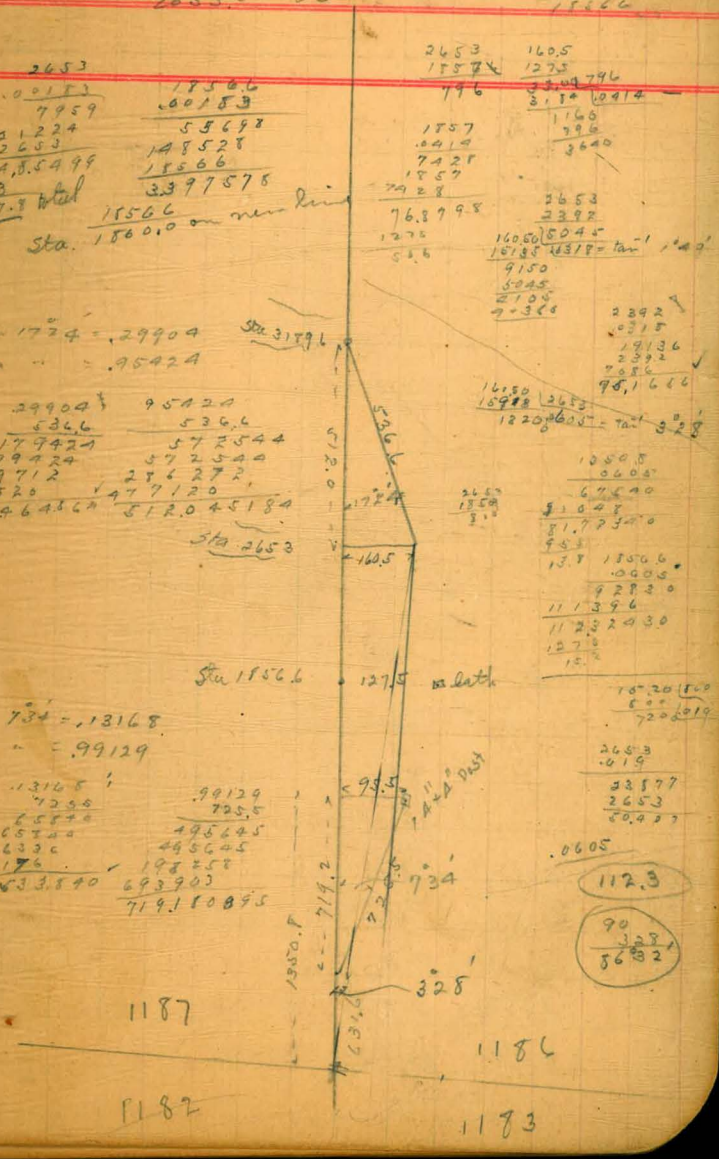
112.3

90
1287
5682

328

1186

1183



-21°57'	317	173.6	679.1
-2°20'	373	505.5	

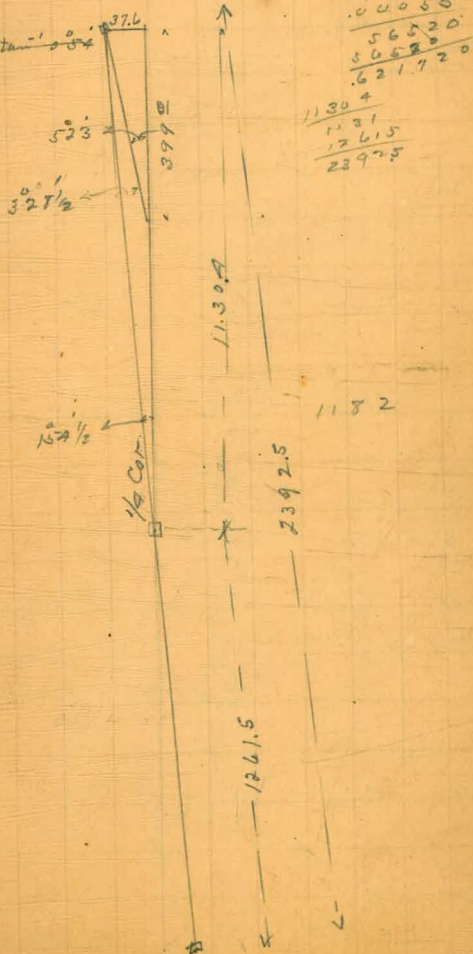
69493.8	318	514.5
90.5	227	505.5
68493.3	173.6	
679.1		
50.4		
628.7		

13

$37.60 \tan^{-1} \frac{10392}{2392} = \tan^{-1} 4.34$
 13680
 11760
 17200
 16744
 4560

52.5
 4.27

523
 $159 \frac{1}{2}$
 $378 \frac{1}{2}$



1130.4
 1261.5
 2392.5

$$\begin{array}{r} 29460.5 \\ 10.0 \\ \hline 29470.7 \\ 190 \\ 2.5 \\ \hline 1872 \end{array}$$

$$\begin{array}{r} 691 \\ 17.7 \\ \hline 674 \\ 7358 \end{array}$$

-7°00'	189	187.2	1684.9
-0°50'	820	821	1497.7
		2.7	676.7
-9°20'	691	674	Var 1530
<hr/>			
-	281	282.0	449.4
-7°30'	743	731.4	
+2°00'	270	270.7	
-2°35'	1320	1318.3	2943.8
-0°50'	714	715.0	1625.5
-2°00'	550	550.3	
+0°10'	203	204.0	910.5
+7°55'	206	203.1	
+12°40'	528	503.4	

Back Pile

$$\begin{array}{r} 744 \\ 12.6 \\ \hline 731.4 \end{array}$$

$$\begin{array}{r} 2904 \\ 239 \\ \hline 2705 \\ 718 \\ \hline 182 \end{array}$$

$$\begin{array}{r} 8.6 \\ 1329.0 \\ 27 \\ \hline 1318.3 \\ 1625.8 \\ \hline 2943.8 \end{array}$$

$$\begin{array}{r} 122.0 \\ 127.0 \\ \hline 255 \\ 207 \\ 39 \\ \hline 308.1 \end{array}$$

$$\begin{array}{r} 570 \\ 236 \\ \hline 503.7 \end{array}$$

sin 58° = .84947
 cos " = .5295

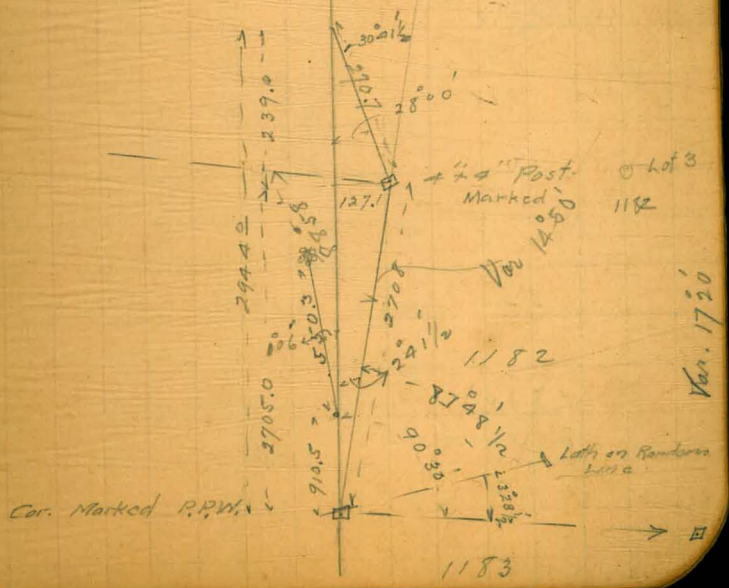
$$\begin{array}{r} 46947 \\ 270.7 \\ \hline 328629 \\ 53894 \\ \hline 12709529 \end{array}$$

$$\begin{array}{r} 58295 \\ 270.7 \\ \hline 618065 \\ 618065 \\ 176590 \\ \hline 289014565 \end{array}$$

$$\begin{array}{r} 7.7 \\ 449.4 \\ \hline 457.1 \\ 270.8 \\ \hline 225.1 \end{array}$$

$$\begin{array}{r} 127.10 \\ 127.05 \\ \hline 18400 \\ 16230 \\ 26700 \\ 24375 \\ \hline 2353 \end{array}$$

$$\begin{array}{r} 2705 \\ 304698 = 12m \\ 2560 \\ 3012 \\ \hline 300 = 16 \\ .001105 \\ 2705 \\ 6525 \\ 7735 \\ 2210 \\ \hline 2989.025 \end{array}$$



Var. 1720

Line A.

Sta.	L	R	Mag. C.	Calc.
------	---	---	---------	-------

17+99.3

15+75.3

11+97.3

0+00 A Line
= 120+62

5-6-0

N76°40'W N76°22'W

S48°10'W S48°38'W

S61°30'W S61°58'W

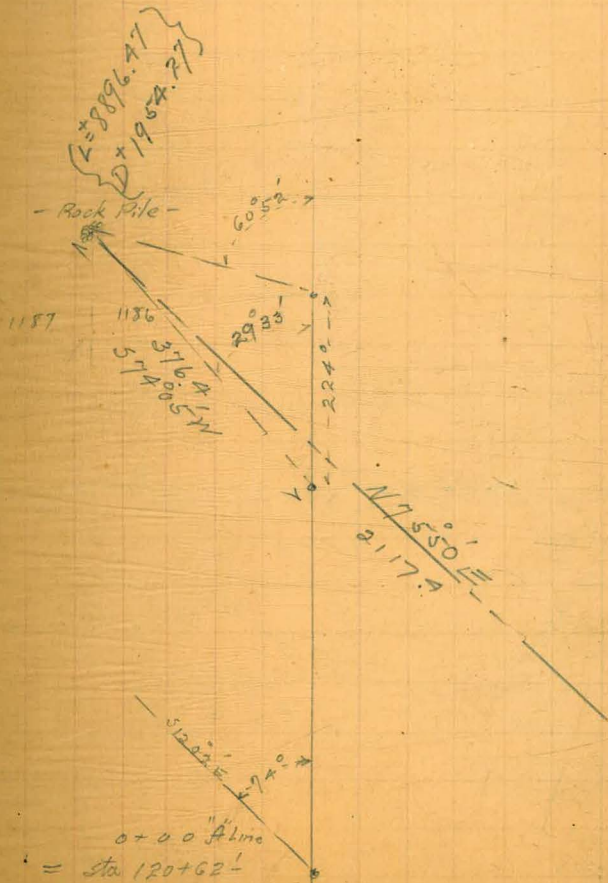
5 61.58 W
1330
5 48.31 W
55
103.35
180
76.82

1799.3
1572.1
227

97.5
5120.1
29
5615.8 W

16

N 76°22'W
2933
10555
100
574 05W



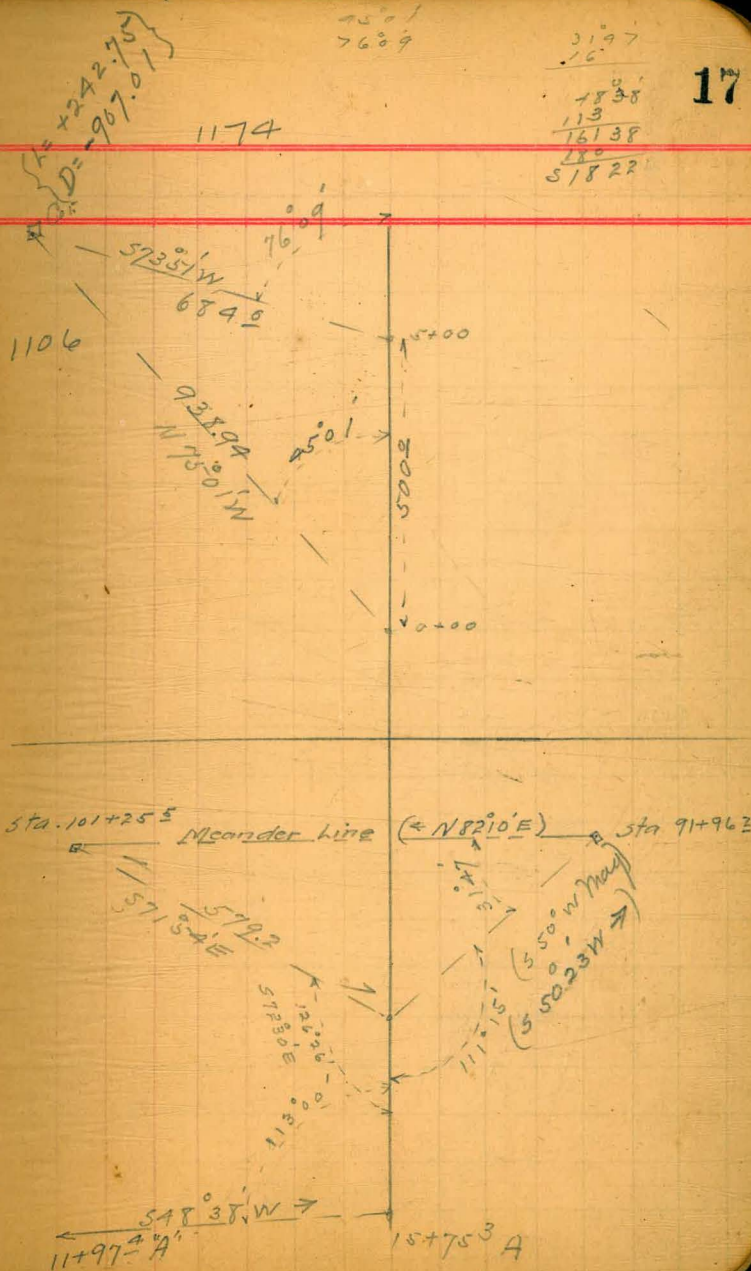
B line -

Sta.	L	R	Mag	Calc.
------	---	---	-----	-------

A + 99¹⁰

B line 000
= 1595³ H line

S17°40'E S18°22'E



Line C

18-114

16+85 stake

6+75.9

0+00

Line C

$515^{\circ}30'E$ $515^{\circ}22\frac{1}{2}'E$

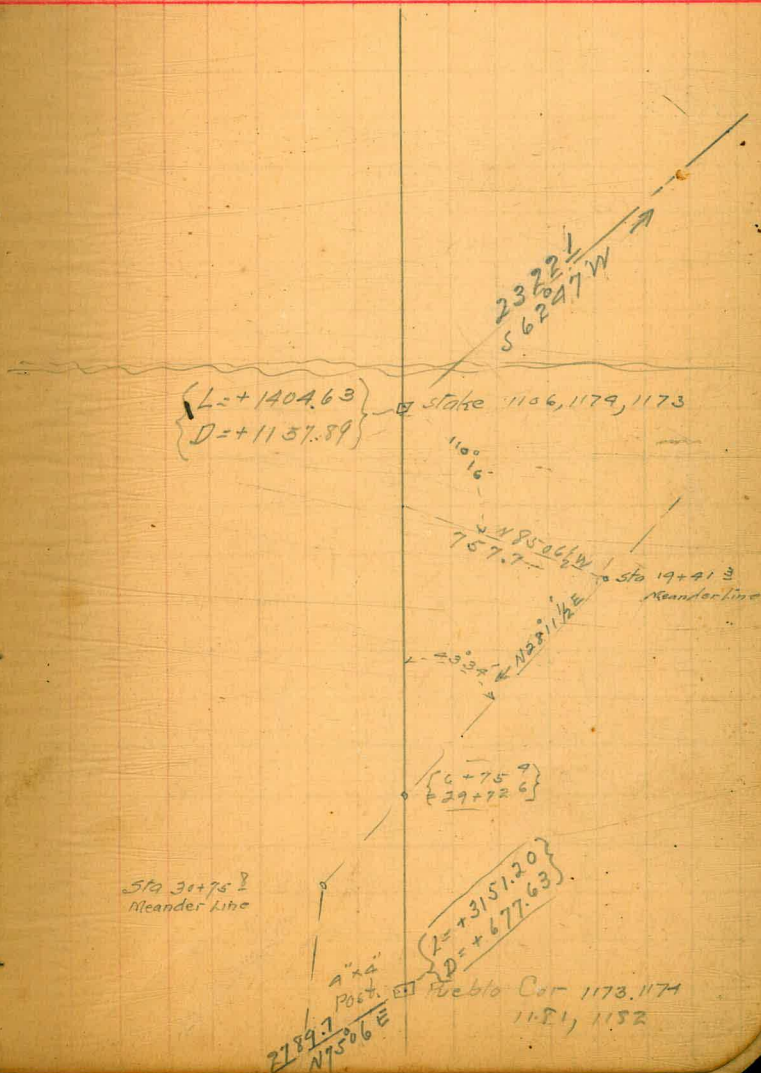
1685

43 30

1515
1680
120

1027
23 22
11 15 22 1/2

18



Line D.

34+90.5

28+00A 75°38'1/2

14+01A

16+85 @
= 07+00 D

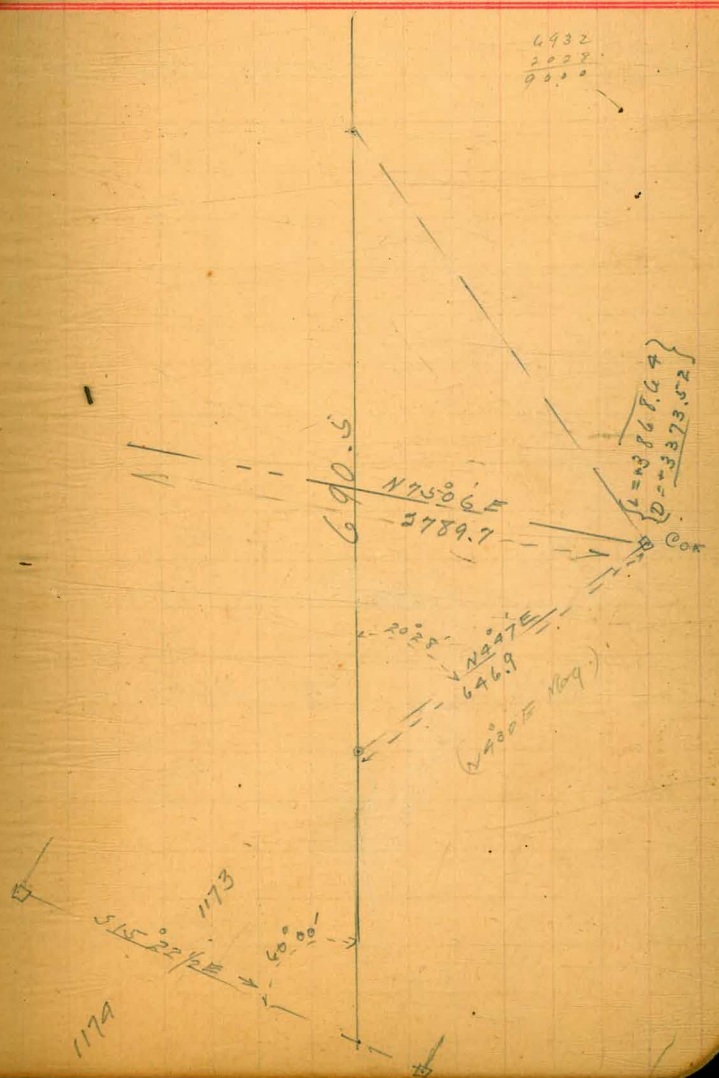
N16°W N1541W

13-20 N59°30'E N59°57'1/2E

N44°30'E N44°37'1/2E

N 59°57'1/2 E
7538 1/2
N 1541 W
12949 1/2

N 15°30' W 30
4437 1/2
1520
N 59°57'1/2 E
5510 1/2
4476



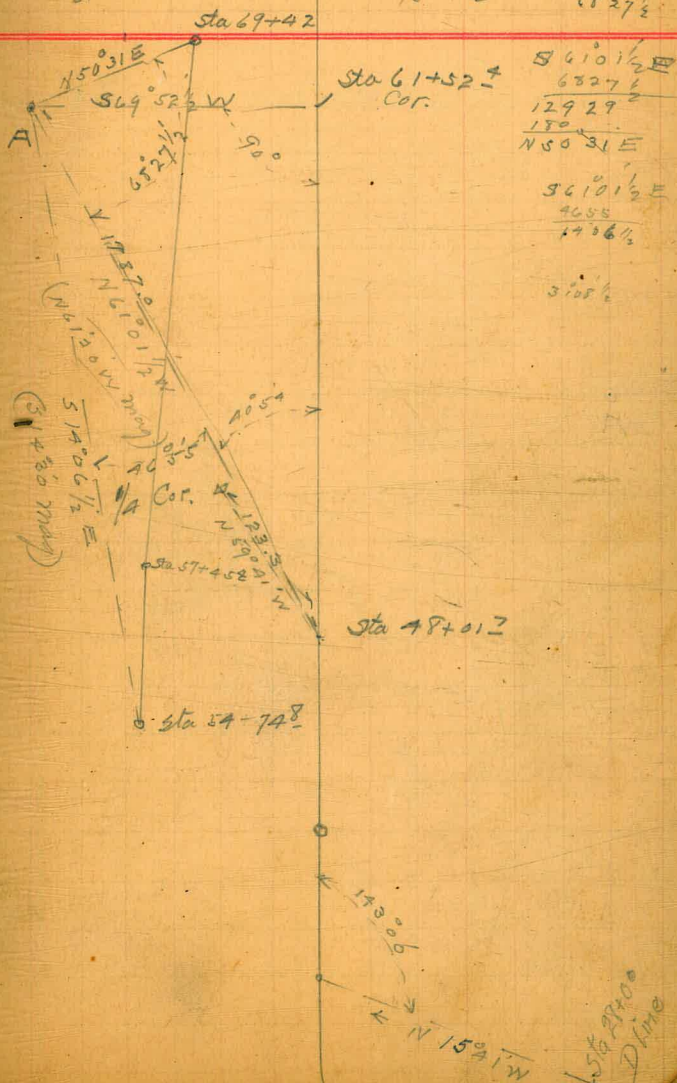
Hatch
 Blount
 Moore
 Hodlan

STA L R. Mag C Cal C
 645.2' Pueblo Corner

48+01.7' $75^{\circ}2\frac{1}{2}$ N2030'W N2007 $\frac{1}{2}$ 'W
 42+00' Δ 49'19" N2820'W N2800'W
 39+90.5' (L = 4826.36
 D = 3496.44)
 34+90.5' N21'E N21'9"E

N21'9"E	31.41	N152'11"W 75'
49.19	28	37'0" 123
28.00	59.41	N21'19"E 37
7.52 $\frac{1}{2}$		
30.07 $\frac{1}{2}$	20.07 $\frac{1}{2}$	
11.2	20.54 $\frac{1}{2}$	
69.52 $\frac{1}{2}$	61.01 $\frac{1}{2}$	
		2007 $\frac{3}{4}$
		3310 $\frac{1}{16}$
		73.17 $\frac{1}{2}$

20



Sta 47+00.0
 D Line

La Playa Road.

POSTED

22

3/2/06 Watch
Brooks
moor

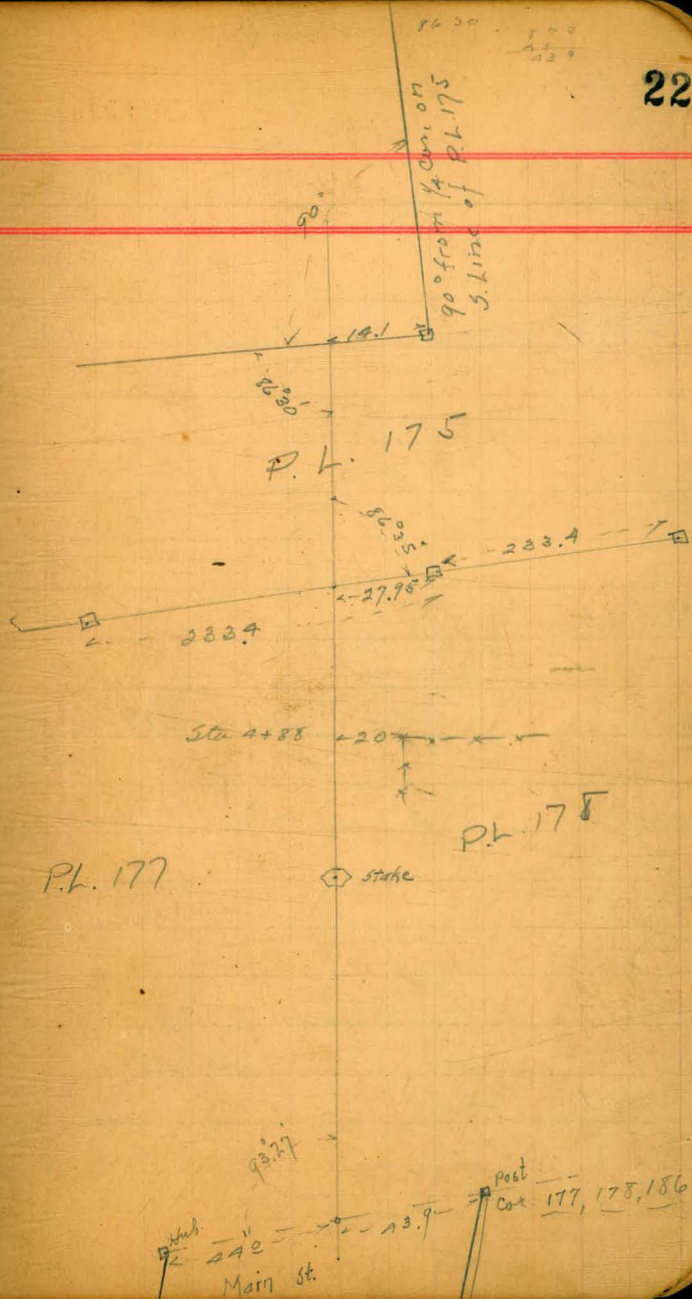
8+96Z

6+62Z

3+34Z

0+00

5230W 5230W



22+50 L R1
End

18+86 Δ 10 $^{\circ}$ 43

S130 $^{\circ}$ E S102 $^{\circ}$ E

15+29 Δ

14+50 Δ

4 $^{\circ}$ 11'

S92 $^{\circ}$ W S92 $^{\circ}$ W

13+50 Δ

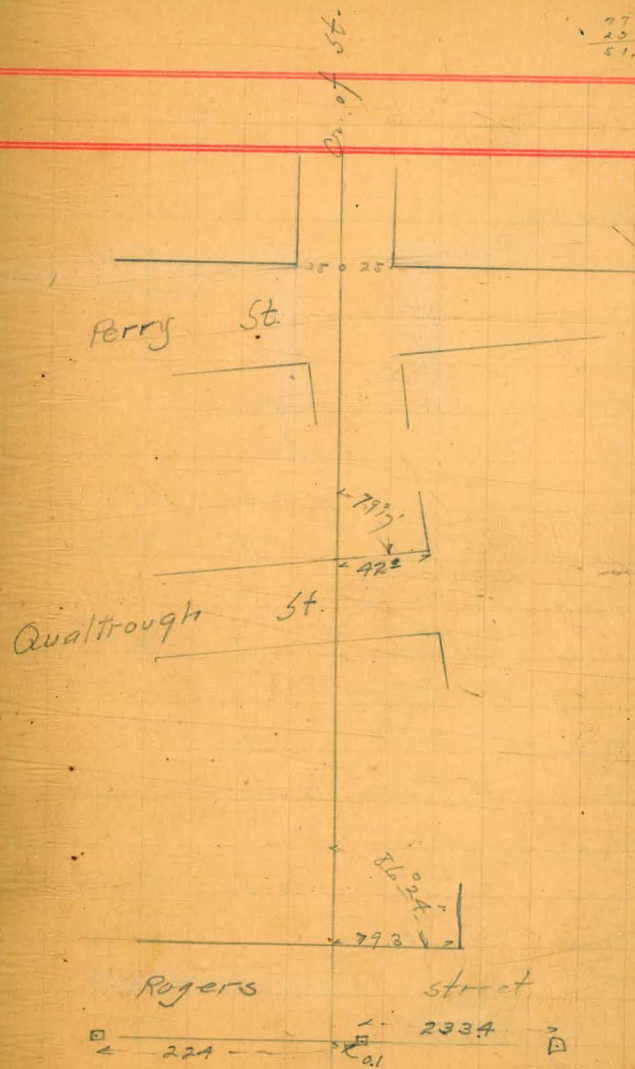
3 $^{\circ}$

S51 $^{\circ}$ W S53 $^{\circ}$ W

117 77 Δ

11+25 Δ

23



Levels La Playa Road

3/3/06 Hatch
Brooks
Crows

Station	Offset	Assumed Elev	True Elev
	0.61	100.61	100.00
0+00			94.9
+50			98.9
1			92.3
+35			92.2
+50			90.1
+63			91.3
2			91.6
+50			89.3
3			87.9
T.P.	0.09	88.75	88.66
+24			85.2
+40			84.2
+50			87.2
A			85.0
+50			80.6
+88			78.7
5			79.6
+25			81.2
+50			80.9
6			79.7

Station	Offset	Assumed Elev	True Elev
	0.61	100.61	100.00
0+00			94.9
+50			98.9
1			92.3
+35			92.2
+50			90.1
+63			91.3
2			91.6
+50			89.3
3			87.9
T.P.	0.09	88.75	88.66
+24			85.2
+40			84.2
+50			87.2
A			85.0
+50			80.6
+88			78.7
5			79.6
+25			81.2
+50			80.9
6			79.7

$\frac{50}{-7.0}$ $\frac{14}{+2.8}$ Cement wall
 N. End of Cement wall back of Station 00
 $\frac{50}{-6.4}$ $\frac{37}{+5.2}$ Fence
 $\frac{50}{-7.4}$ $\frac{32}{+5.2}$ Fence
 $\frac{50}{-7.0}$ $\frac{26}{+2.0}$ Fence
 $\frac{50}{-8.0}$ $\frac{26}{+3.2}$ Fence
 $\frac{50}{-7.0}$ $\frac{50}{+5.2}$ Fence
 $\frac{30}{-5.5}$ $\frac{50}{+3.8}$ Fence

		8875		
6+50			11.8	77.0
T.P	8.85	84.72	12.88	75.87
7			12.0	72.7
+23			14.3	70.4
+50			13.2	71.5
8			9.7	75.0
+50			8.3	76.4
+68			5.3	79.4
9			6.0	78.7
+10			7.8	76.9
+50			8.5	76.2
10			6.4	78.2
+50			4.7	80.0
+70			5.6	79.1
11			1.0	83.7
T.P	12.50	96.97	0.25	84.47
+50			11.3	85.7
12			11.3	85.7
+50			7.1	89.9
13			2.6	94.4
T.P	12.67	107.79	1.85	95.12

E x W

$$\frac{50}{-11.0}$$

$$\frac{50}{+11.0}$$

$$\frac{50}{-8.2}$$

$$\frac{50}{+11.7}$$

$$\frac{50}{-9.7}$$

$$\frac{50}{+7.0}$$

$$\frac{50}{-7.0}$$

$$\frac{50}{+9.0}$$

$$\frac{40}{-8.6}$$

$$\frac{45}{+9.6}$$

$$\frac{60}{-10.5}$$

$$\frac{50}{+12.0}$$

-Note-

		107.79		
13+50 A			12.5	95.3
14			12.3	95.5
+50 B			6.9	100.9
15			5.7	102.1
+50			7.8	100.0
16			8.6	99.2
+24			13.6	94.2
+50			6.1	101.7
17			2.5	104.3
+50			1.6	106.2
T.P.	2.56	109.40	0.95	106.84
18			3.1	106.3
+50			6.4	103.0
+86.8 A			3.9	105.5
19			4.4	105.0
20			9.6	99.8
T.P.	1.77	102.40	8.77	100.63
21			8.3	94.1
+31			11.7	90.7
+50			12.2	90.2
22			12.1	90.3

	E	x	W
3° R.	$\frac{45}{-12.0}$		$\frac{45}{+13.0}$
7° 11' R.	$\frac{55}{-10.7}$		$\frac{50}{+13.0}$
	$\frac{60}{-10.4}$		$\frac{60}{+13.0}$
	$\frac{62}{-10.0}$		$\frac{55}{+13.0}$
	$\frac{54}{-12.0}$		$\frac{54}{+13.0}$
	$\frac{54}{-13.0}$		$\frac{50}{+13.0}$
1043 L	$\frac{25}{-5.6}$		$\frac{25}{+5.0}$
	$\frac{25}{-5.0}$		$\frac{25}{+5.3}$
	$\frac{25}{-5.0}$		$\frac{25}{+4.5}$

POSTED

E

x

W

102.40

22+30

20.1 82.3

+60

15.4 87.0

T.P.

10.85 91.55

Top of fence post 15' W. of 22+50

1071.53.88 Spike in stitching post in front
of Dr. Baker's house -

53.58
6.835
60.715
0.615
60.100

Witch
Evans
Moore

Survey of Road at
Ocean Beach -
POSTED

28

L

R.

16+00 Δ

9+50 Δ 20°00'

S 71°45' W 572 W

6+00 Δ 30°00'

N 88°15' W N 88° W

3+50 Δ 50°00'

N 58° W N 58° W

0+00 = Nub. 1092A N of
SW Cor Pl. 205

N 8° W N 8° W

Note -

South Line Pl. 205 is 28.7 North
of North line of Blocks.

50' to Bay
Sand Dunes at

9+00

50' to Bay

50' to Bay

30°00'
Nub. 1092A
Hub

4" x 4" Ast. SW Cor Pl. 205

36+90 SA

746

57°15'E 57°14 1/2'E

32+17.5 SA 647

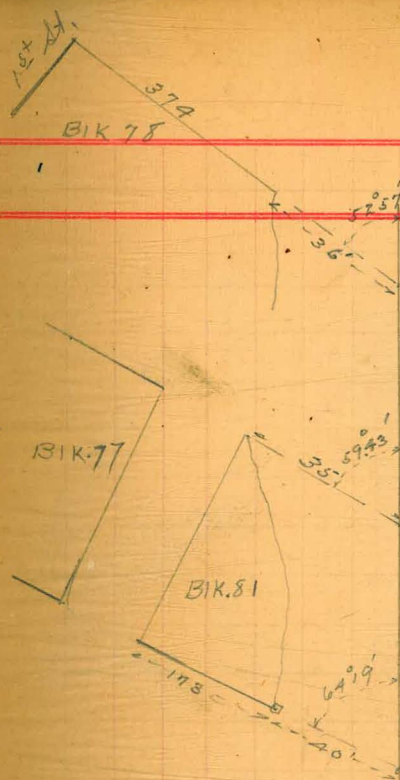
515°E 515°00 1/2'E

28+70 SA 429 1/2

55°E 58°13 1/2'E

24+25 SA 75°44

53°40'E 53°44'E



Note -
High Water in 1905, Jan 6. was about 96 - 96.5 (3.6) and about 1894 tidal wave came to about 97.4 (45) "Cap. Thomas"

L R.

52+61.8

45+82⁸ Δ 66°58'
 45+38⁵ Δ

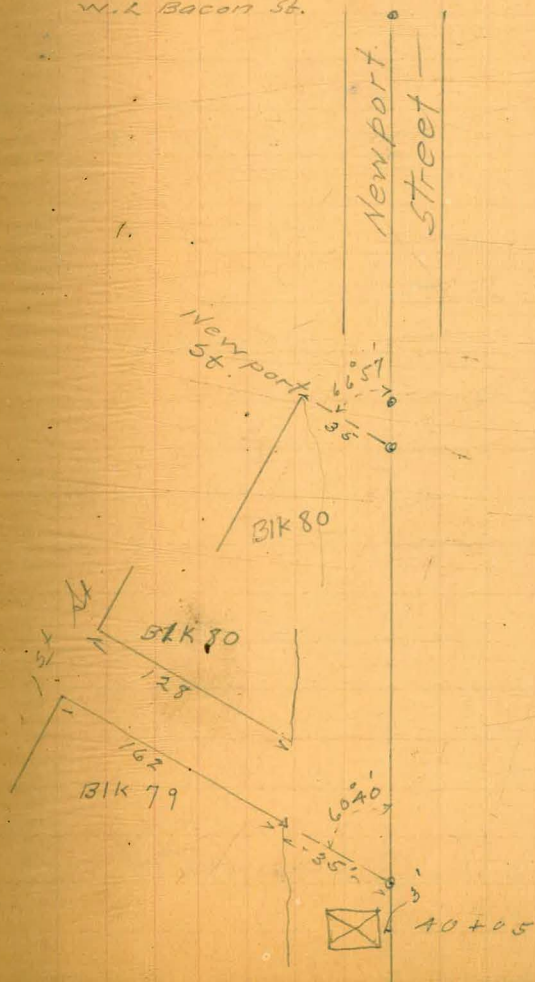
56740¹E 56800¹E

41+255 Δ

612

51°E 5102¹/₂E

W. L. Bacon St.



L	R.
26+42) 2A'18 = 2A+25)	5340'E 5343'E

23+008 49'25	52030'W. 52035'W
--------------	------------------

18+008 39°	570'W 570'W
------------	-------------

Sta 13+00 A	N71'W N71'W
-------------	-------------

Sta 24 Break of Bank.

60'	}
Sta 22 Break of bank.	

" 21 80

100

113 - 100'

39°00'

x 9+50

At Hatch
 Evans levels on Proposed Road.
 Moore

- Ocean Beach -

32

924
 929
 .05

Or. of $\frac{1}{2}$ in. Post SW Cor. Pl. 205

100 - assumed

101.73

	583	105.83										
	3.17	105.98	30.2	102.81			3.74	96.29	8.58	92.85		
0+00	Hub.		30.6	102.92	10.07	15			4.5	91.8		
1			3.5	102.5	9.6	16			5.0	91.3		
2			4.2	101.8	9.9	17			6.2	90.1		
3			5.9	100.1	9.2	18			6.2	90.1		
+50	angle		7.2	98.8	5.9	19			5.8	90.5		
4			7.6	98.4	5.5	20			4.5	91.8		
5			9.2	96.8	3.9	21			5.1	91.2		
6	angle		11.4	94.6	1.7	22			4.6	91.7		
T.P.	2.67	101.73	6.92	99.06		23			4.1	92.2		
7			7.5	94.2	1.3	24			3.4	92.9		
8			8.7	93.0	0.1	+25	angle		3.9	92.4	-0.5	
9			7.1	97.6	1.7	+10	4.22	96.86	3.85	92.44		
+50	angle		6.5	95.2	2.3	25			4.0	92.9	0.0	
10			5.3	96.4	3.5	26			3.9	93.0	0.1	
11			8.2	93.5	0.6	27			3.8	93.1	0.2	
12			8.8	92.9	0.0	28			4.3	92.6	-0.3	
13			5.5	95.2	3.3	+70	angle		4.3	92.6	-0.3	
+35			6.8	95.9	3.0	29			4.1	92.8	-0.1	
14			9.4	92.3	-0.6	30			3.8	93.1	+0.2	

2^d Line (13-26+42)

96.56

	96.29				31			34	93.3	0.4
14		5.0	91.3	-1.6	32			3.2	93.7	0.8
15		5.0	91.3	-1.6	+17.5 angle			2.7	94.2	1.3
16		5.4	90.9	-2.0	T.P.	4.32	98.43	2.75	94.11	
17		5.1	91.2	-1.7	33			4.0	94.4	1.5
18	angle	4.4	91.9	-1.0	34			4.0	94.4	1.5
19		4.8	91.5	-1.4	35			4.4	94.0	1.1
20		4.5	91.8	-1.1	36			4.2	94.2	1.3
21		4.5	91.8	-1.1	+90° angle			4.4	94.0	1.1
22		4.2	92.1	-0.8	37			4.6	93.8	0.9
23	angle	5.8	90.5	-2.4	38			5.3	93.1	0.2
24		3.8	92.5	-0.4	39			4.7	93.7	0.8
25		3.6	92.7	-0.2	40			4.7	93.7	0.8
26		3.8	92.5	-0.4	41			3.8	94.6	1.7
+42 = 24+25					+25° angle			3.6	94.8	1.9
					T.P.	9.86	109.76	3.53	94.90	
					42			9.7	95.1	2.2
					43			10.3	94.5	1.6
					44			10.8	94.0	1.1
					45			10.2	94.6	1.7
					+82.8 angle			9.8	95.0	2.1

4/9 Hatch
 1866 { Trains
 { Drives

104.76				113.54						
46		9.4	95.4	2.5	58+12		4.3	109.2	16.3	
47		6.3	98.5	5.6	59+12		2.1	111.4	18.5	
Floor of Thomas' House		8.64	96.12	3.27	60+12	N.L. Narragansett	0.7	112.8	19.9	
+76		2.4	102.4	9.5	60+92	S " "	0.1	113.4	20.5	
48		2.3	102.5	9.6	T.P.	9.22	122.63	0.13	113.41	
+50		3.7	101.1	8.2	61+92		8.0	114.6	21.7	
49		4.6	100.2	7.3	62+92		6.0	116.6	23.7	
50		4.8	100.0	7.1	63+92	N.L. Del Monte	4.9	117.7	24.8	
51		3.6	101.2	8.3	64+92	S.L. " "	4.7	117.9	25.0	
52		2.4	102.4	9.5	65+92		4.9	117.7	24.8	
+61.8	W Line Bacon	1.3	103.5	10.6	66+92		4.7	117.9	25.0	
+91.8	Or " "	0.8	104.0	11.1	67+92	N.L. Santa Cruz	2.3	120.3	27.4	
T.P.	503	109.02	0.51	103.95	68+12	Or " "	0.5	122.1	29.2	
Bm	Offset in Cor of Parch	3.70	105.32	12.47	T.P.	13.28	135.45	0.44	122.19	
	SW Cor. Newport-Bacon				68+52	S.L. Santa Cruz	11.4	124.1	31.2	
2	Bm.	8.22	113.54	105.32	69+52		4.2	131.3	38.4	
7	53+32	S.L. Newport	9.0	104.5	11.6	T.P.	6.24	141.54	0.15	135.50
2	54+32		8.6	104.9	12.0	70+52		3.7	137.8	44.9
	55+32		8.2	105.3	12.4	71+52	N.L. Pacific	1.3	140.2	47.3
	56+32	N.L. Niagara	7.1	106.4	13.5	+92	Or " "	1.7	139.8	46.9
	57+12	S " "	6.2	107.3	14.4	72+22	E.L. Bacon	2.1	139.4	46.5

141.54

73+22		5.7	135.8	42.9
74+22		12.3	129.2	36.3
B.M. End of E. Cement Walk.	at D.C. Colliers Place.	2.75	138.79	45.94
T.P.	028 130.13	11.69	129.85	
75+22		7.1	123.0	30.1
76+22		9.0	121.1	28.2
77+22		9.1	121.0	28.1
78+22	W.L. Cable.	8.8	121.3	28.4
78+52	Cr. "	8.9	121.2	28.3
78+92	S.L. Pacific	9.0	121.1	28.2
79+92		7.6	122.5	29.6
80+92		6.1	124.0	31.1
81+90	N.L. Del Mar	5.3	124.8	31.9
82+70	S.L. " "	3.9	126.2	33.3
T.P.	7.74 135.31	2.56	127.57	
83+70		6.2	129.1	36.2
84+70		2.7	132.6	39.7
85+20		1.8	133.5	40.6
85+70	Orchard. N.L. La Jolla	2.7	132.6	39.7
86+10	Cr. "	4.2	131.1	38.2
86+40	E.L. Cable	6.2	129.1	36.2

POSTED

135.31

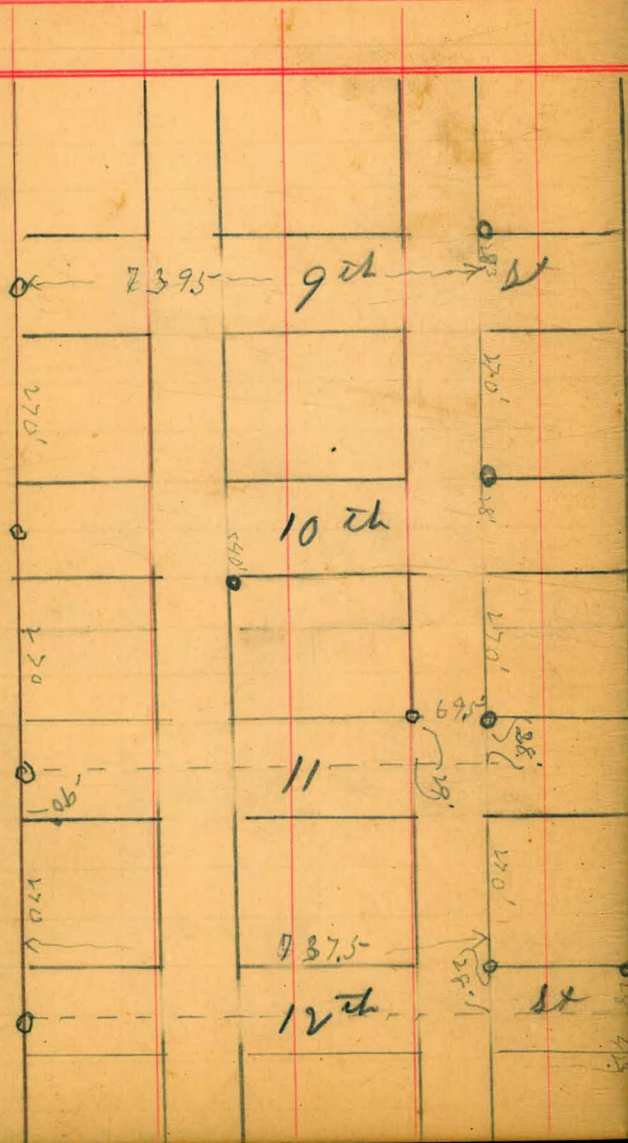
87+40		10.5	124.8	31.9
88+40		11.9	123.4	30.5
89+40		12.0	123.3	30.4
90+40		12.6	122.7	29.8
91+40		13.2	122.1	29.2
92+40	W.L. De Foe	13.2	122.1	29.2
92+70	Cr. "	13.3	122.0	29.1
T.P.	277 125.51	12.57	122.74	
93+10	S.L. La Jolla	4.4	121.1	28.2
94+10		5.5	119.9	27.0
95+10		6.6	118.9	26.0
96+10	N.L. Pescadero	5.2	120.3	27.4
96+90	S.L. "	3.9	121.6	28.7
97+90		6.2	119.3	26.4
98+90		11.9	113.6	20.7
T.P.	3.58 116.15	12.94	112.57	
99+90	N.L. Bermuda	4.5	111.7	18.8
100+70	S.L. "	4.5	111.7	18.8
101+70		4.7	111.5	18.6
102+70		4.6	111.6	18.7
103+70	N.L. Pt Loma	4.4	111.8	18.9
R.M. Nul. NW Cor		4.43	111.72	18.87
104+50	S.L. "	4.4	111.8	18.9

Old Hubs found
near Main St Roseville Aug 11 1906

7/20

38

Main St



Aug 06

Paints in
Main St

Lehigh
Brooks
Toyle

Roseville

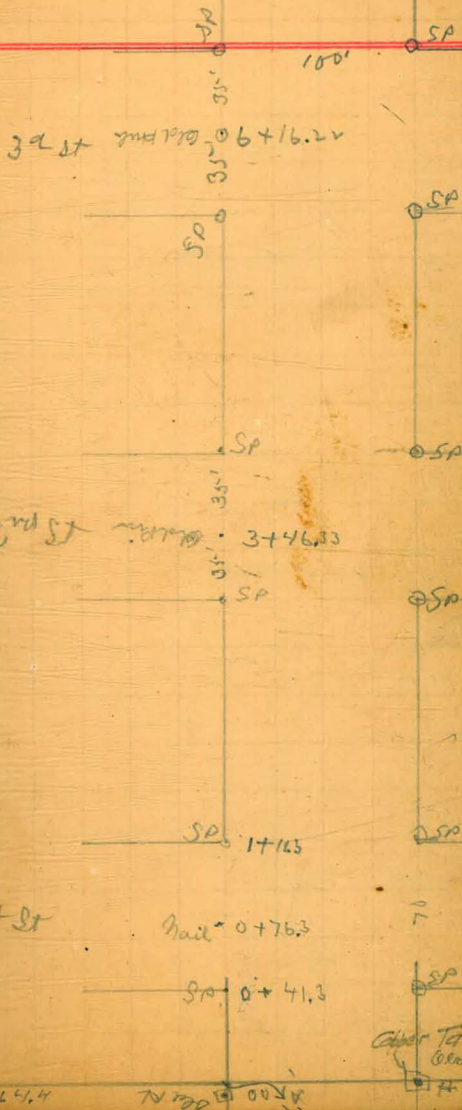
39

7
+51.2v
+16.2v
6
+81.2v
5

4
+81.33
+46.33
+11.3
3

2
+11.3
1
+76.3
+41.3

0



+61

+26

14

+91

13

12

+91

+

+56

+21

11

10

+2122

9

+8622

+5122

8

6th

SP 100 SP

SP. 14+22 70

SP SP

SP SP

5th at 11+56.

SP SP

SP SP

4th at 11+8+8622

SP SP

31
+80.6
+45.6
+10.6
30

29

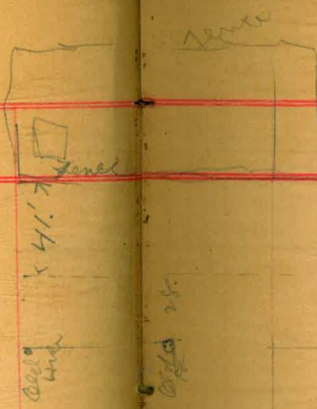
+10.75
28
+75.75
+40.75

27

26
+70.8
+05.8
25
+70.8

24

21-05.8
270
27.75.8
270
20.45.8
270
3371.8



Panel
41.7

Panel
24.2

Panel
24.2

73.75

73.75

40 Point



SP 100' SP

12 1/2 30+45.6
add
Panel

SP SP

SP SP

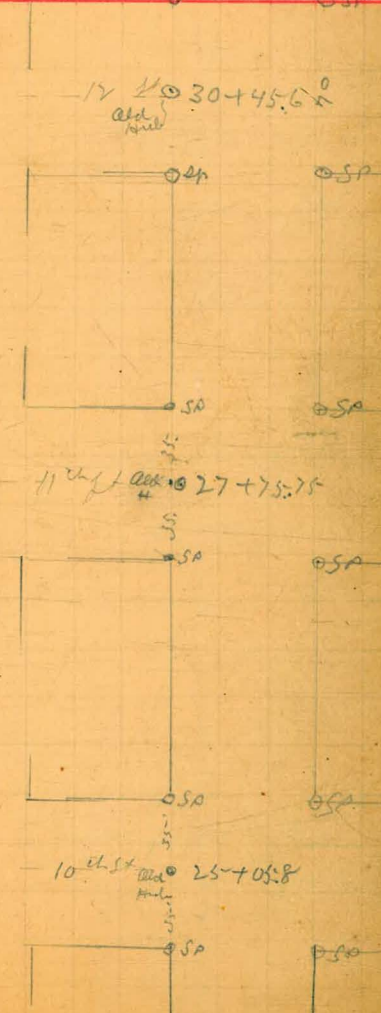
11 1/2 27+75.75
add
Panel

SP SP

SP SP

10 1/2 25+05.8
add
Panel

SP SP



39

+92.5

+55.5

+20.5

38

37

+22.6

36

+85.6

+50.6

35

34

+50.6

+15.6

33

+80.6

32

0.50 100 0.50

15^{int} 0.50 38 + 5.5

0.50 0.50

0.50 0.50

14^{int} Cold 0.50 35 + 85.6

0.50 0.50

0.50 0.50

13^{int} 0.50 33 + 15.6

0.50 0.50

+ 0.3

47

+ 65.3

+ 30.3

46

45

+ 30.35

44

+ 95.35

+ 60.35

43

+ 60.4V

+ 25.4V

41

+ 90.4V

40



4SP 100 0 SP

35

35

18

① ②

46 + 65.3

70

0 SP

0 SP

0 SP

0 SP

17

① ②

43 + 95.35

70

0 SP

0 SP

0 SP

0 SP

16

① ②

41 + 25.4V

70

0 SP

0 SP

+19.6

63.

+84.6

+49.6

62

61

+14.6

60

+79.6

59

58

+79.6

+44.6

+9.6

57

SP 100 SP
 55

field 62 + 84.6
 24 bank

SP SP

SP 4

23^a old 60 + 14.6
 bank

SP SP

SP SP

22^a old 57 + 44.6
 bank

SP SP

+59.4

+24.4
68

+89.4

67

66

+89.5

+54.5

+19.5

65

64

Main

OSP 100 OSP 300

26 with + 68 + 24.4 R (ouch SP) OSP

OSP OSP

OSP OSP

25 with cell + 65 + 54.5 R

OSP 100 OSP

+40.

8

+70

7

6

5

+70

4

3

2

1

0

48

Shaplin St

70'

SP 70'

70'

300'

SP

70'

SP

300'

SA

100'

SP

(Z. Owen St)

SP

SP

SP

SP

SP

Main

35'

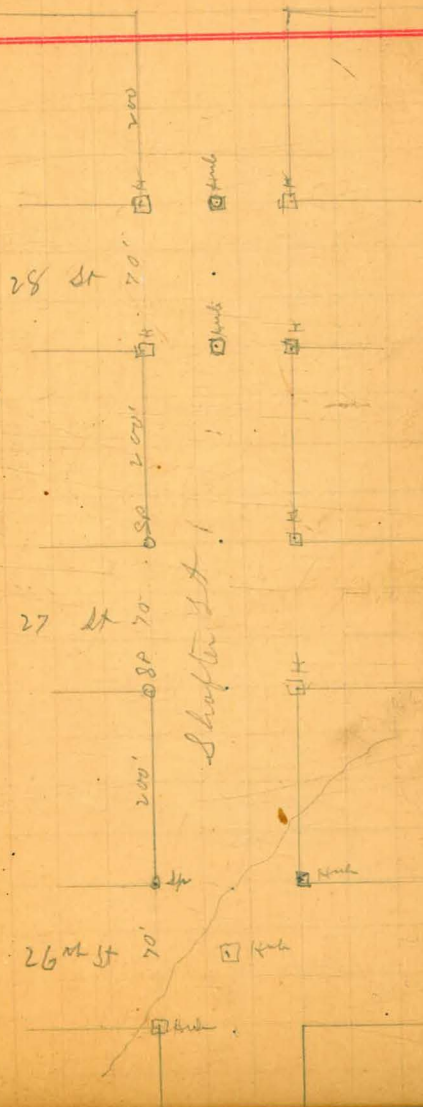
±

35'

SP

Shafter St

49



Shafter St

50

30 St

80

2nd

1st

35' 50

4th

5th

29 St

70'

4

2nd

1st

Shafter St

1st

1st

28 St

70'

1st

1st

1st

Pipe

Old
well

15-18'

8-9'

7-1'

4-1'

2-0'

1-0'

1-0'

2-0'

2-0'

2-0'

2-0'

2-0'

2-0'

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2-0'

2-0'

2-0'

2-0'

Point
of
House

S 2nd St

S 1st St

Boulder
Base
Stone

P.L.S.

25-0' to old
well
in Pueblo

New Roseville

Main St

New Main St

Pueblo

2-0'

2-0'

2-0'

2-0'

2-0'

2-0'

2-0'

2-0'

2-0'

2-0'

0-18' 70 L

4-1' well

1-0' well

264.4 to old
well
in Pueblo

21st St
 1671.8
 8924.4
 84

21st St
 300
 150
 300
 150
 300
 150
 300
 150
 300
 150

Pueblo 2000

2640.3

Main St. Roswell

6x6 old Pueblo

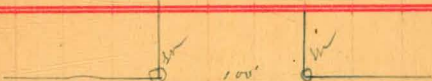
900
 1687.5
 8900.45
 24.3

Location of points in Roseville

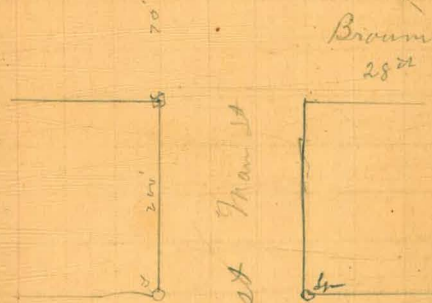
Rosecrans St

Brought
Taylor July 54
Drayton

POST



Browning
25th



at Main St

THIRD

Alcott
27th

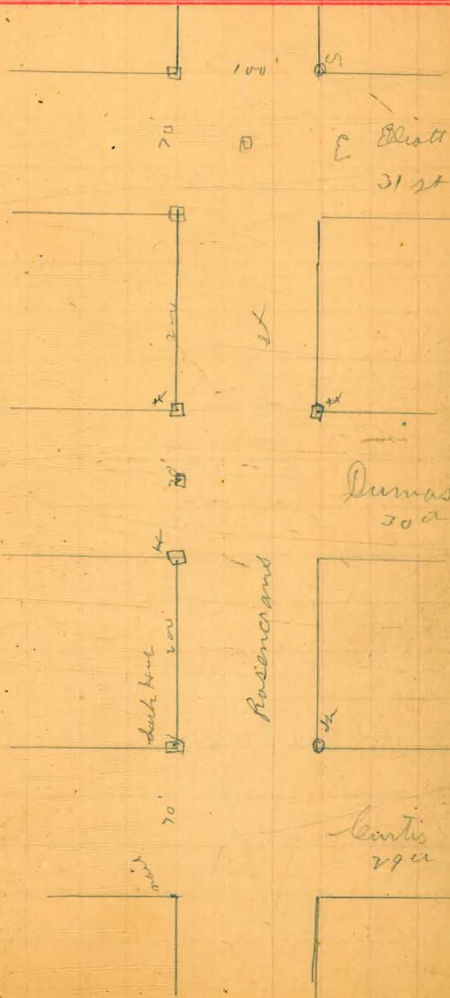


Rosecrans

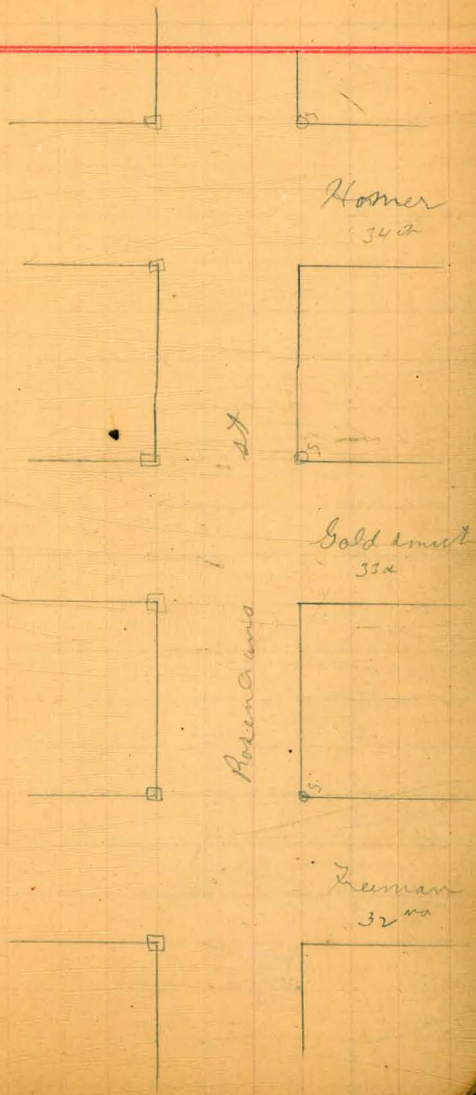
Zowch St
16th



POSTED



POSTED



POSTED

Lytton

38th

— □

□

— □

□

Kingsley

37th

— □

□

Rosenbergs

— □

□

James

36th

— □

□

— □

□

Ibsen

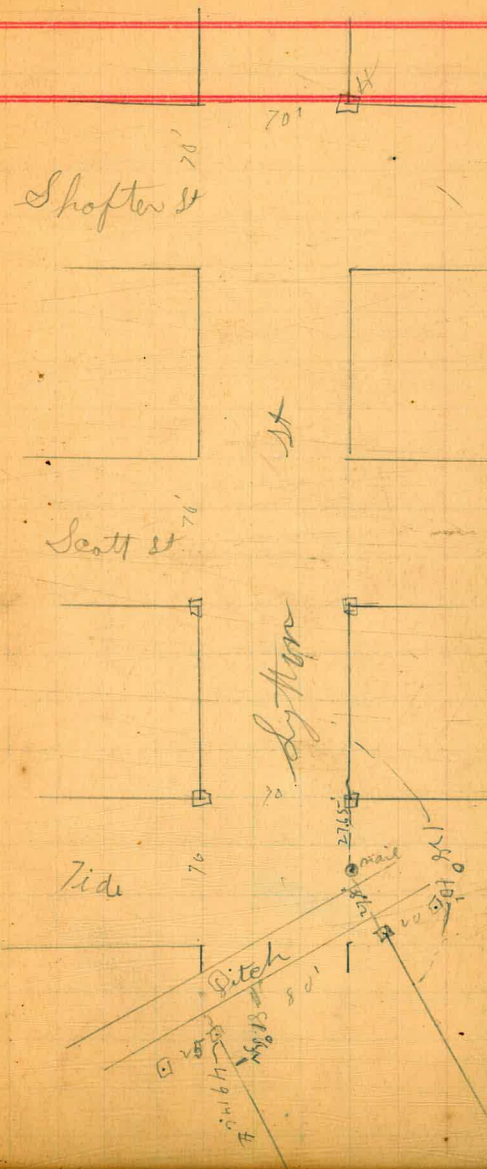
35

— □

□

Points a Lytton St

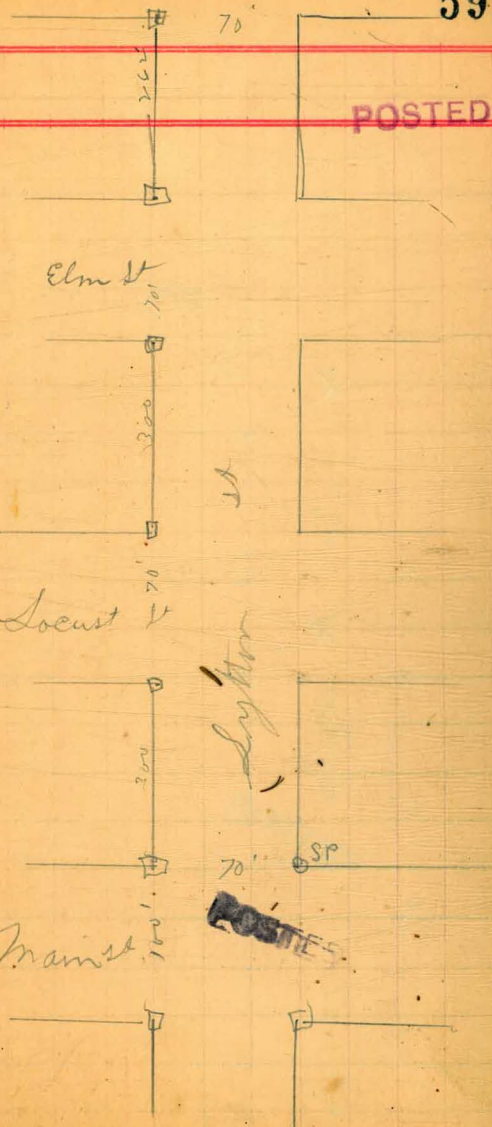
POSTED 58



Points on Lytton St

blanchard
7/24/24
Blanche

59



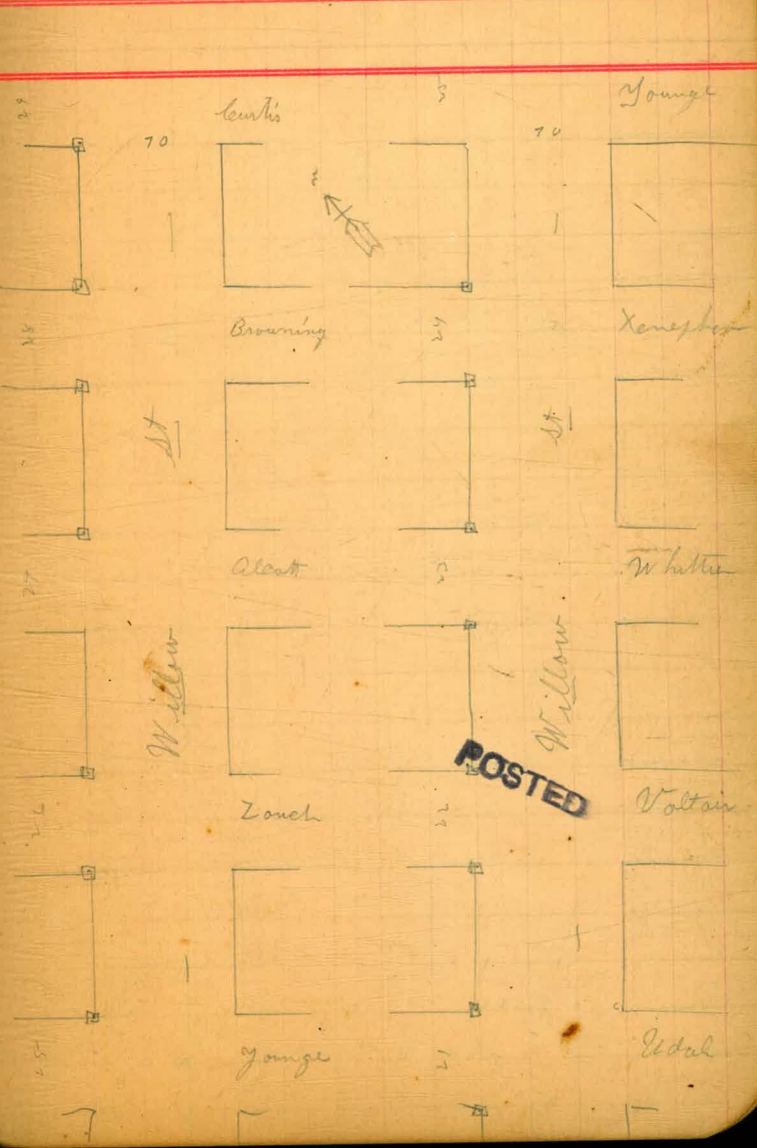
Blount
Taylor
Orange

Points Located in Raseville

Willow St

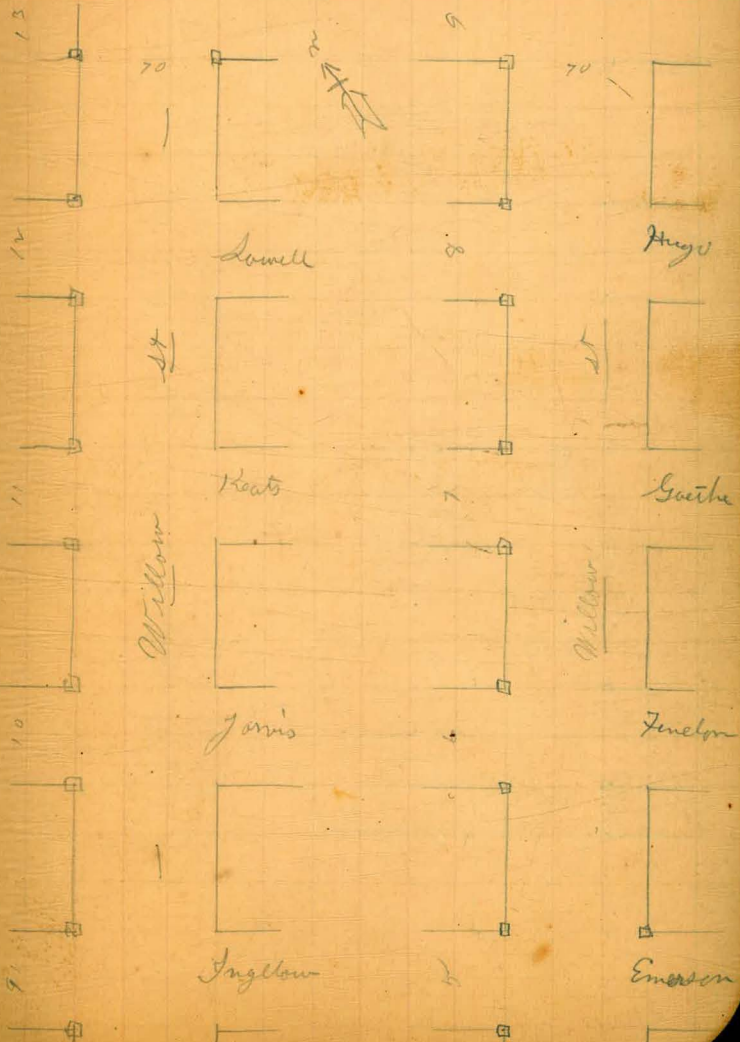
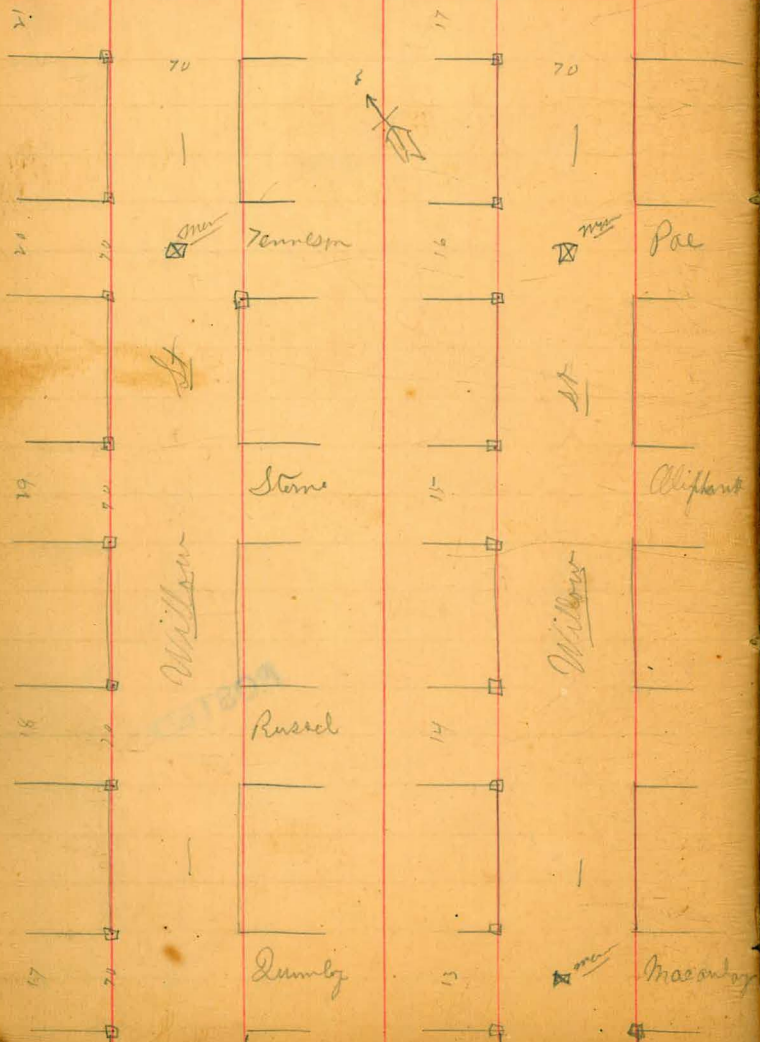


Willow St



Willow St

Willow St

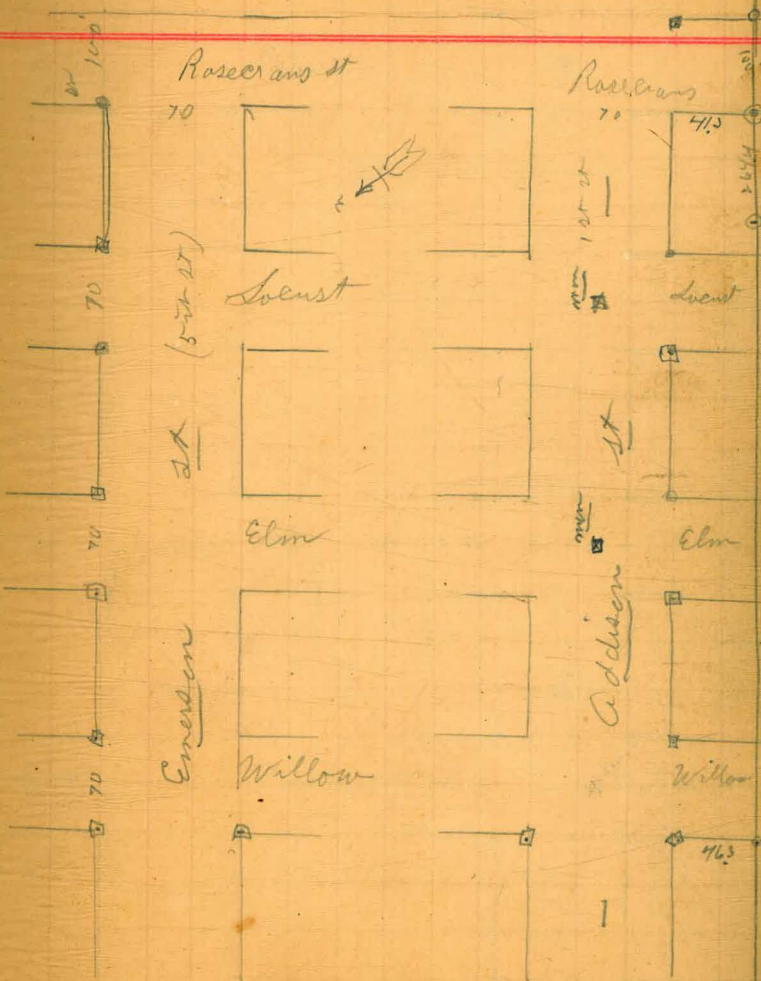
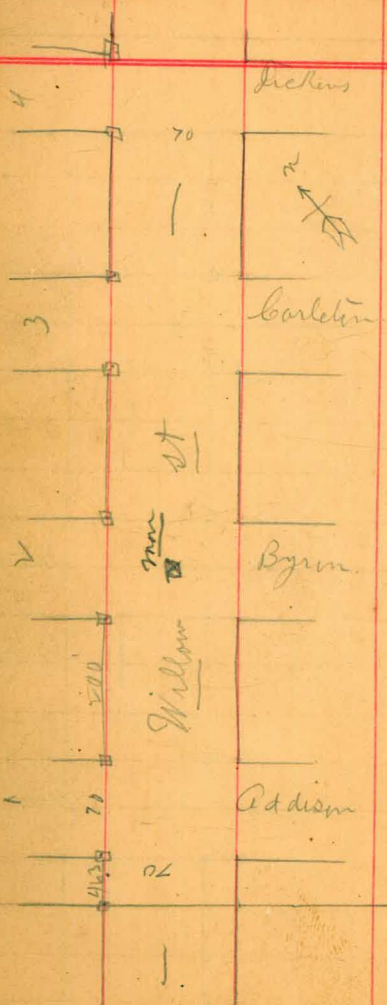


Points located in Roseville

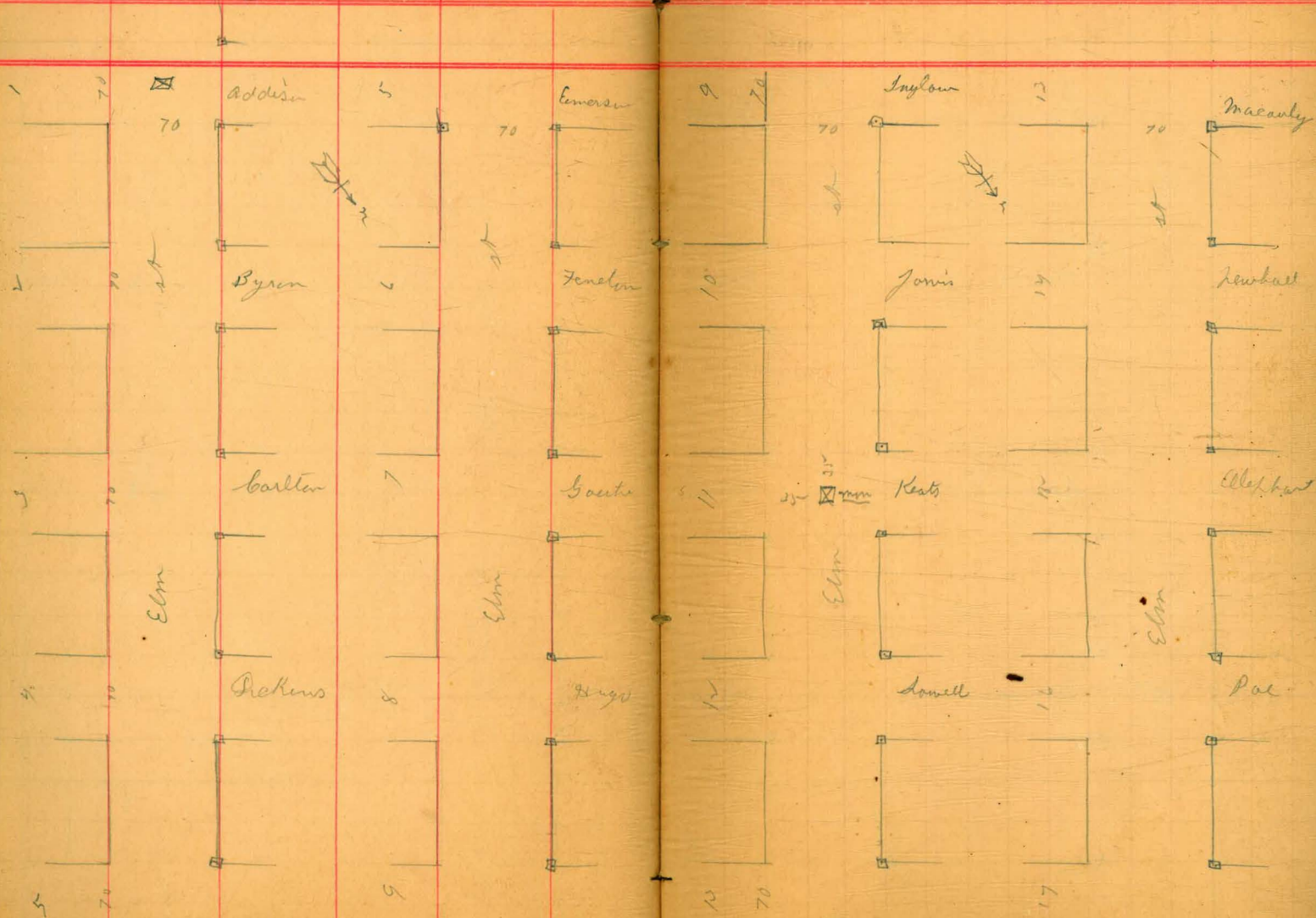
Willow St

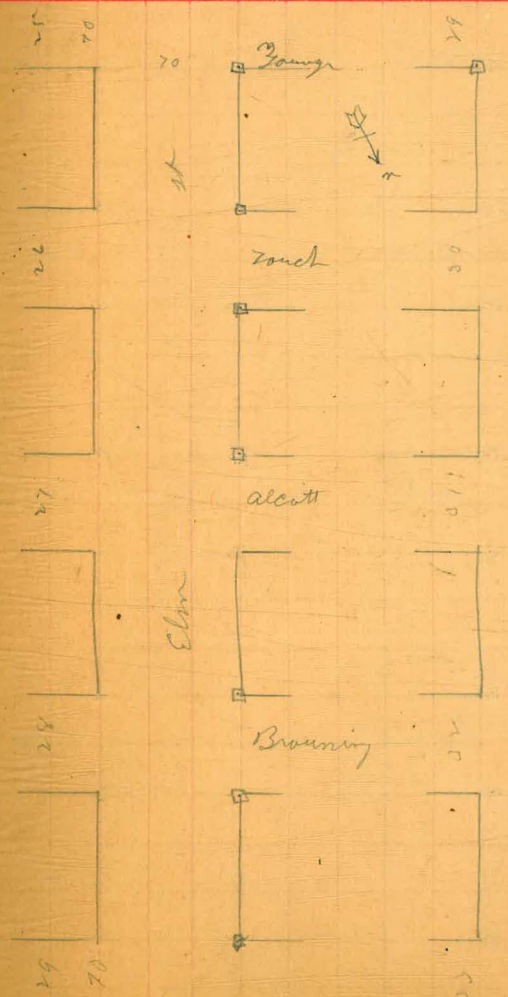
Emerson St

Addison St



Elm St





no Curtis

Locust

1				
2	10	Adams	5	20
3	10	Byron	7	
4	10	Carlin	7	
5	10	Pellers	8	
6				
7				
8				
9				

Locust

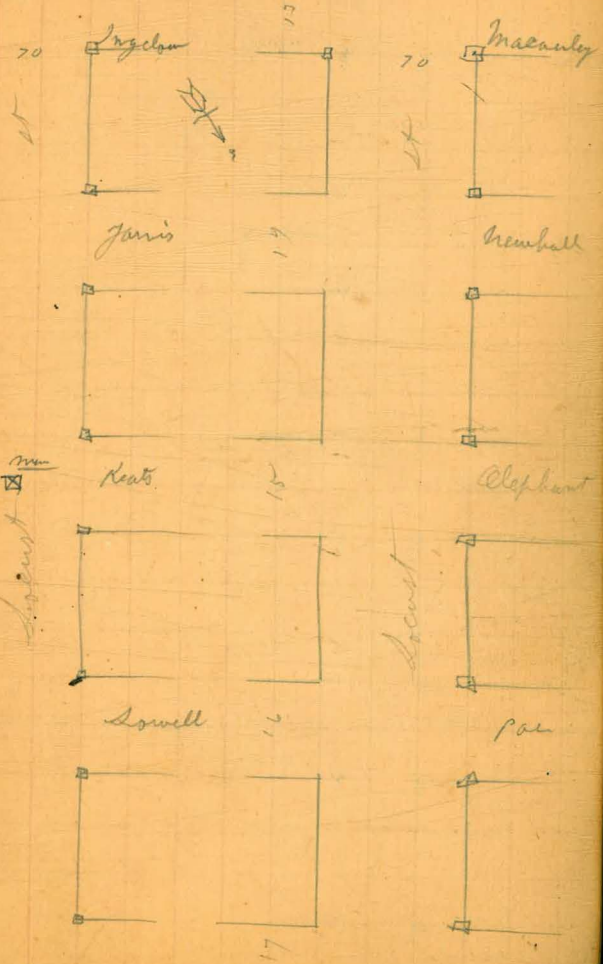
Locust

Locust

9				
10	70	Emerson	7	70
11		Fenelon		
12		Goethe		
13		Keats	10	
14		Plays		
15				
16				
17				

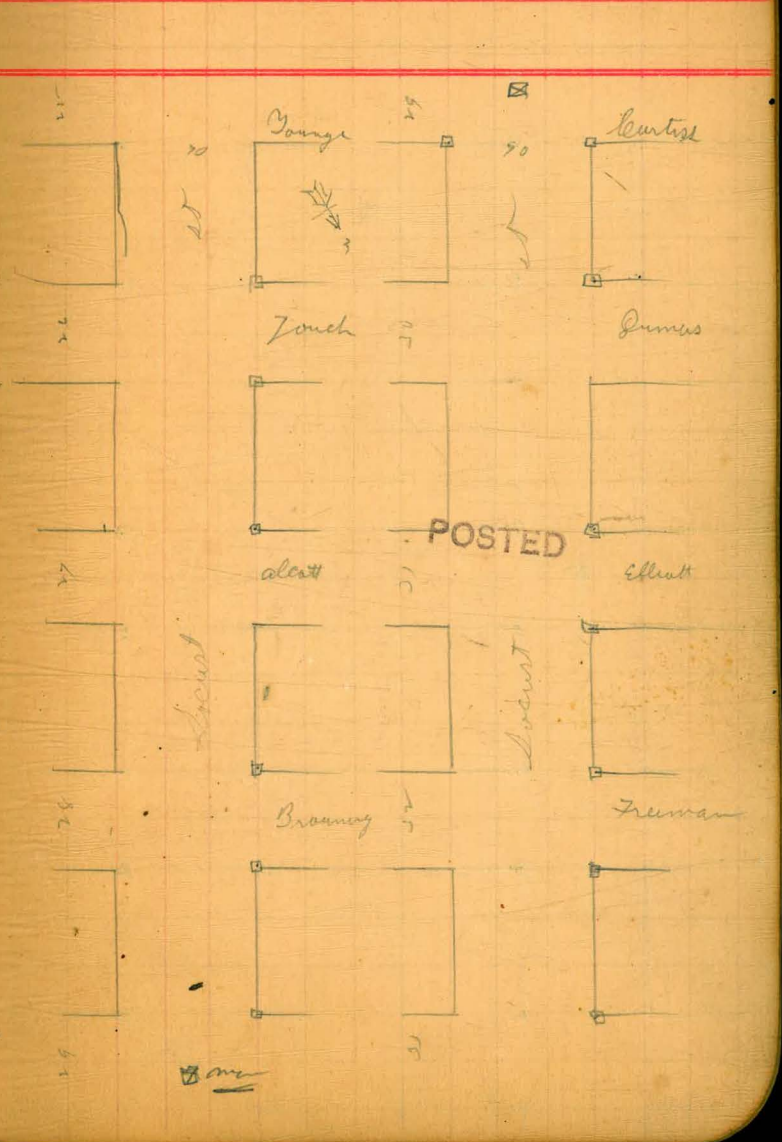
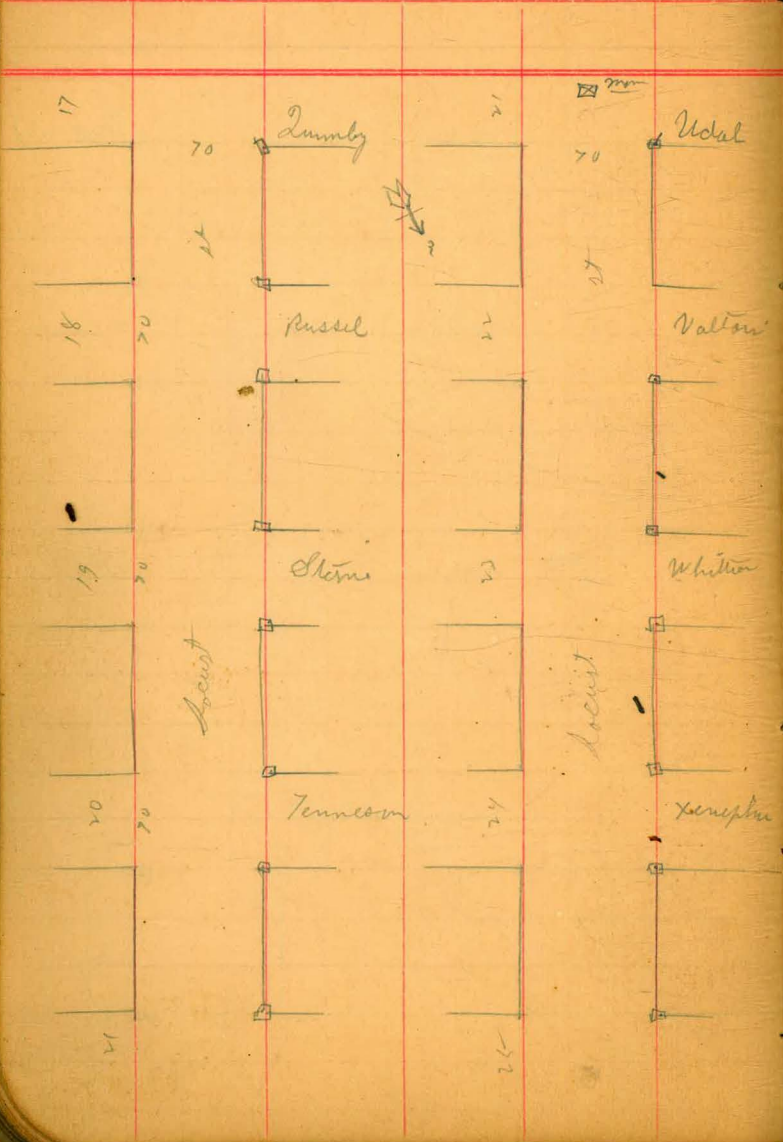
Locust

Locust



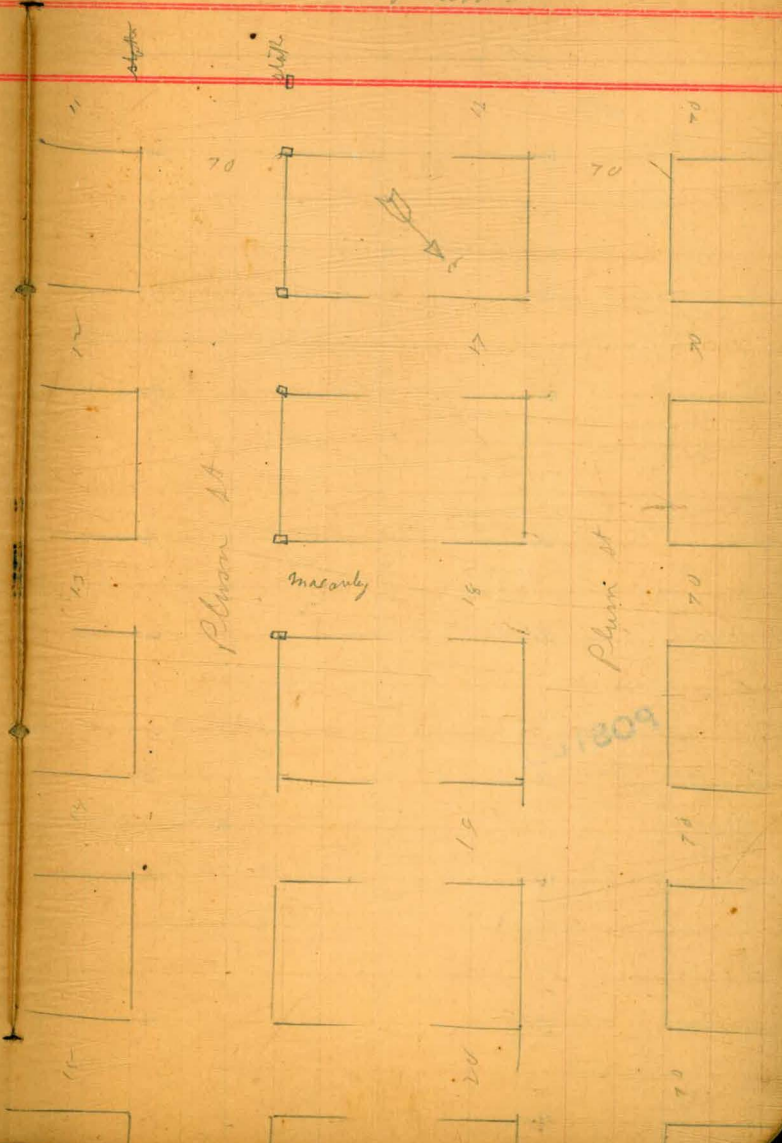
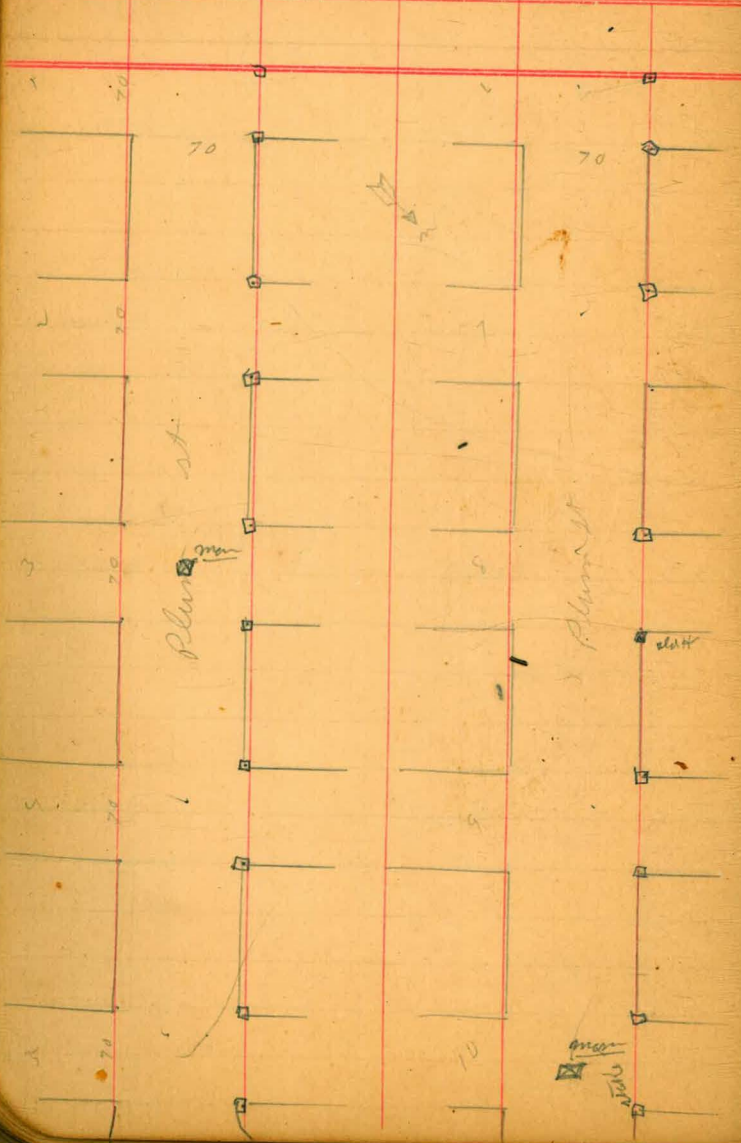
Socust st

Socust st



Plum 54

Plum 54



Plum st

21

☑ mo

22

Zouch

22

Alcott

23

Broun

23

24

POSTLU

24

☑ mo

Curtis

25

25

Dunn

blauy L Points Located in Roseville
below the
yard of

blauy st

1.

26
Touch

27
Alcott

28
Browning

29
Lustig

30

Paras

21
Hidalgo

22
Votari

23
Whittier

24
Kempson

25
Young

6
Zander

7
Guthrie

8
Hugo

9
Ingleton

10
Jarris

blauy st

69

1
Addison

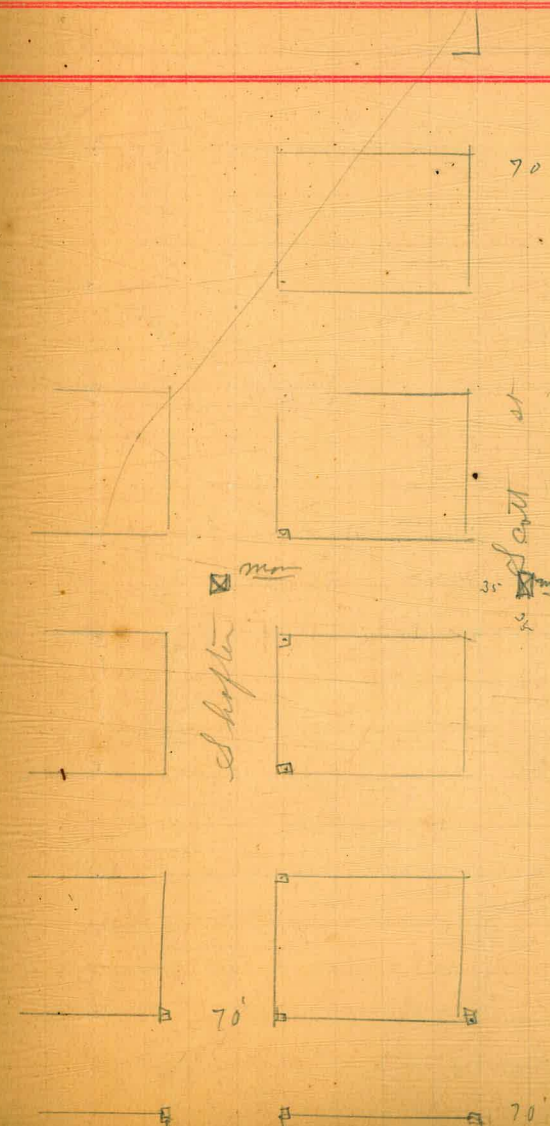
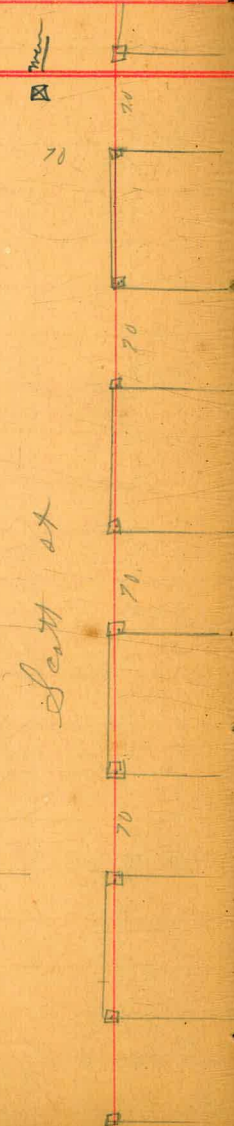
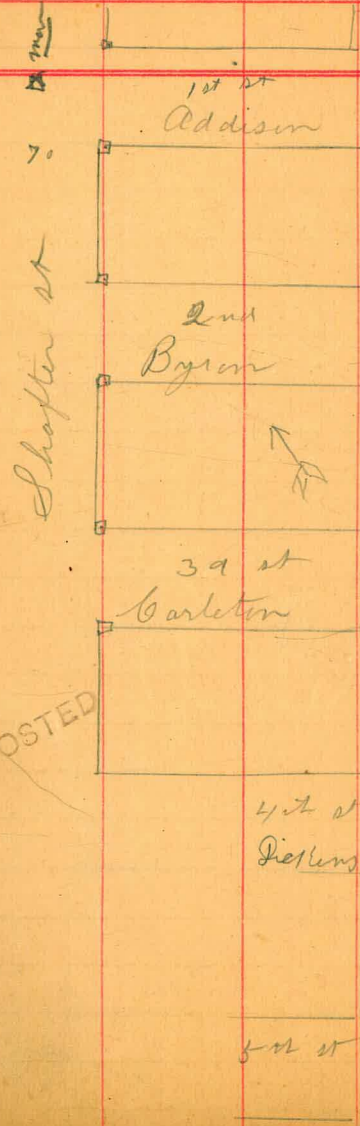
2
Byron

3
Lambert

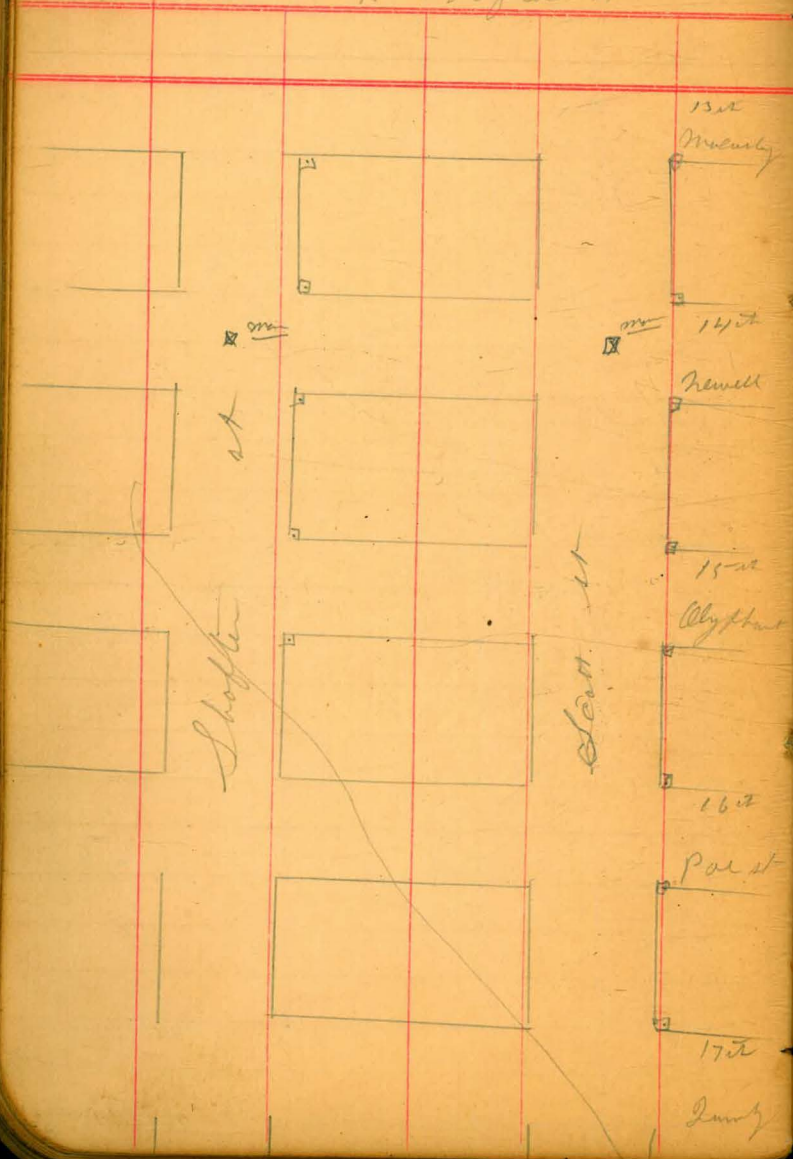
4
Dellano

5
Emerson

Scatt 4. Shafter st



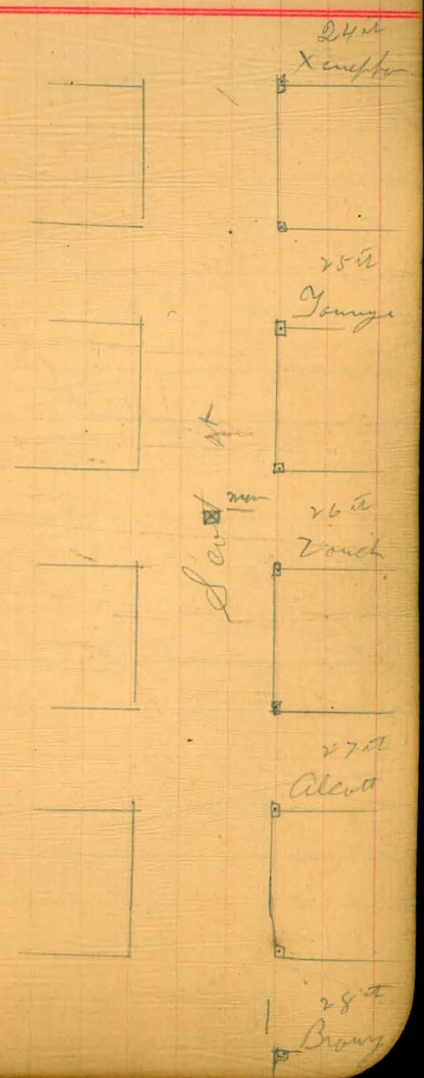
Sept 4. Shafter st



13th
Muelly
14th
Newell
15th
Alphabet
16th
Pal st
17th
Lung

Shafter st

Dear st



24th
Xempter
25th
Young
26th
Zouch
27th
Alced
28th
Brany

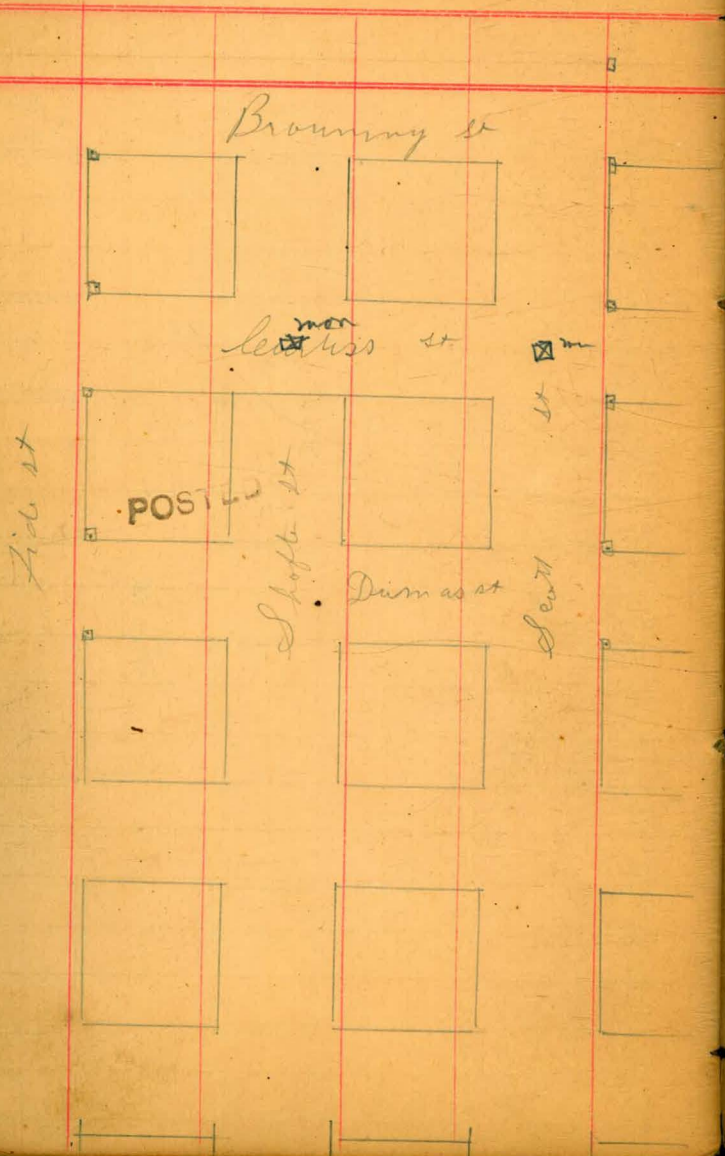
Dear st

Shafter

Zouch

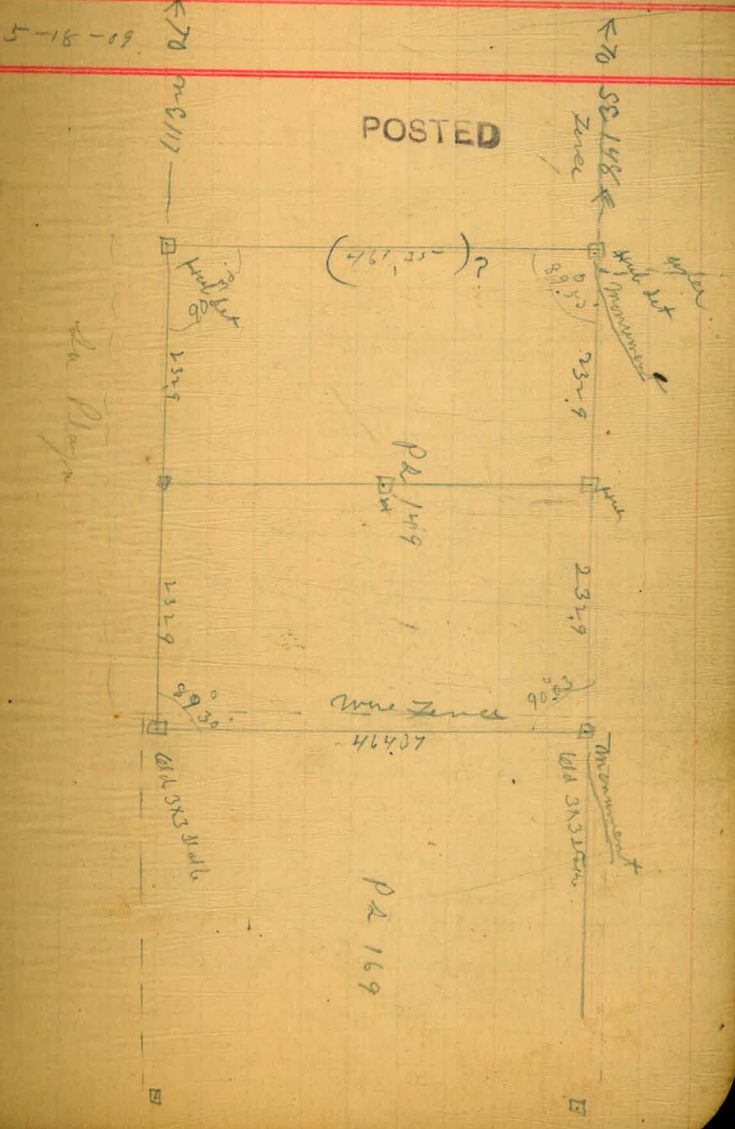
Clayton
 Bobbitt
 Wardle

Paints & Roseville



Clayton Survey of Pueblo Lot 149
 Bowen
 Rodgers for Mr Roberts

72

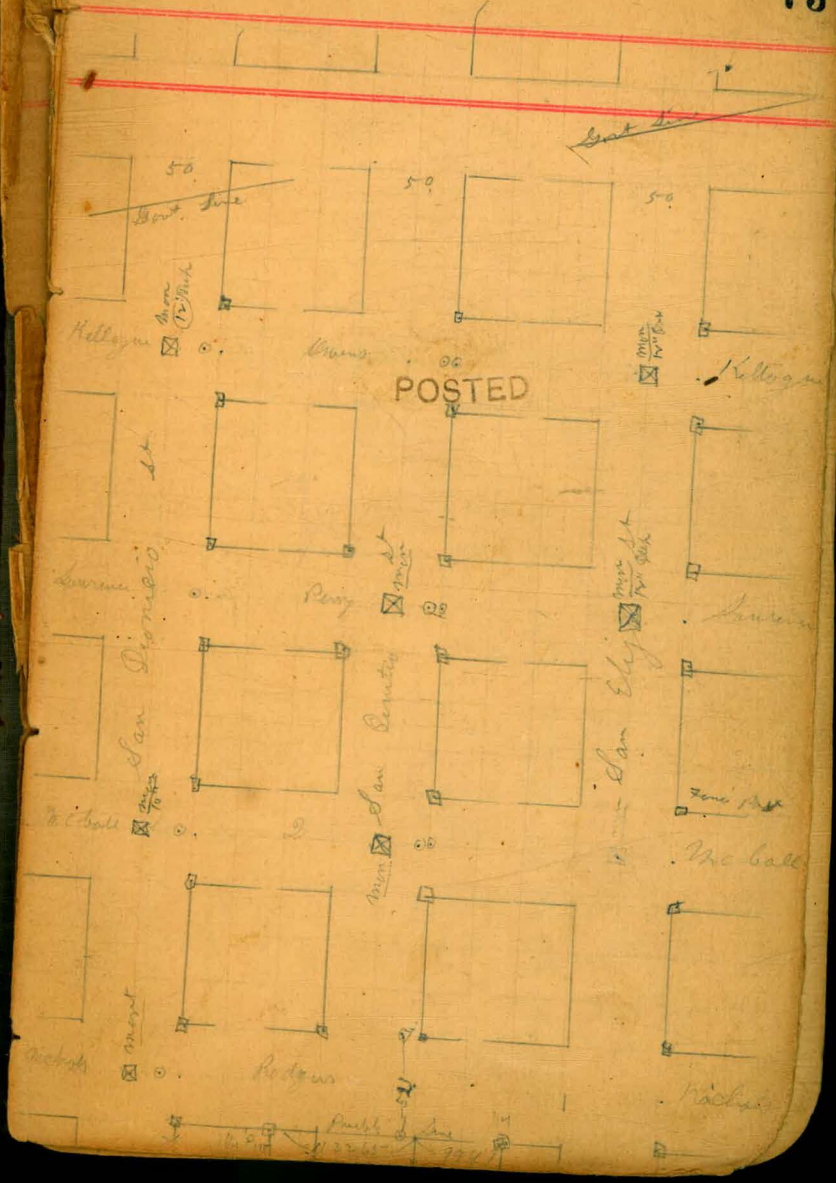
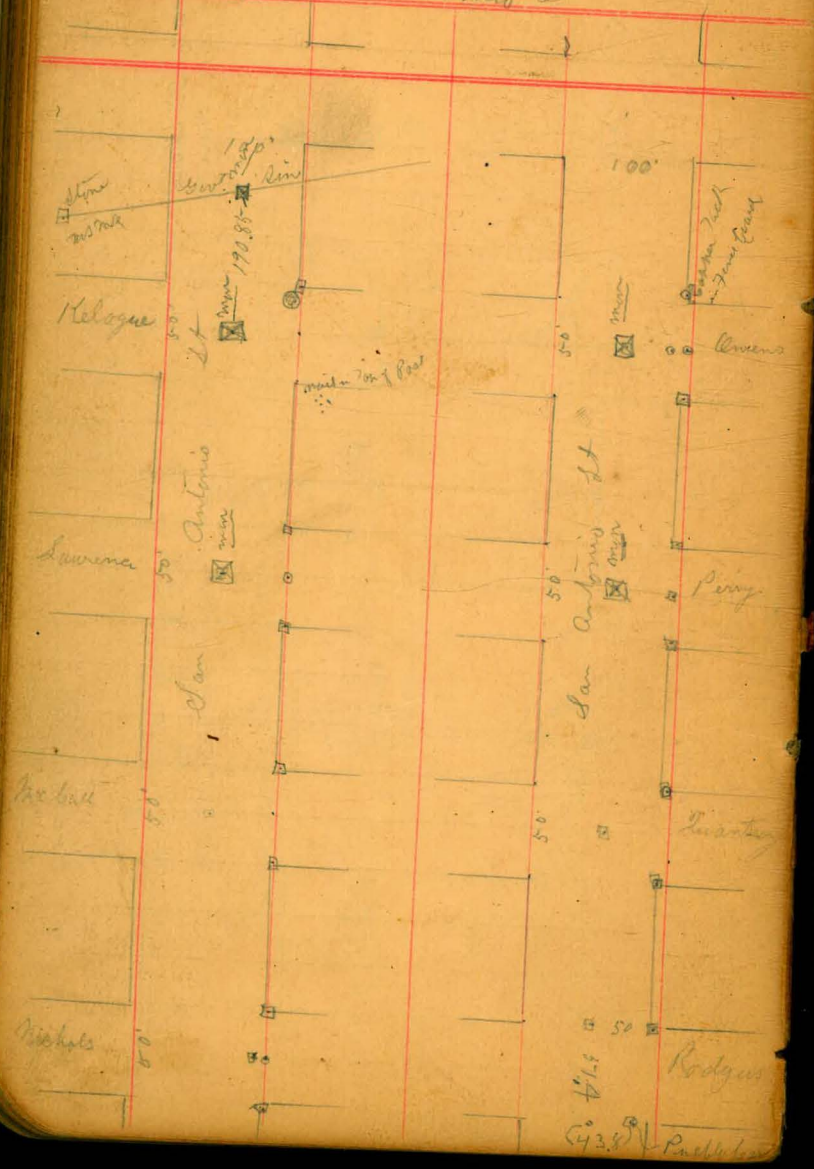


rough
ballot
Kander

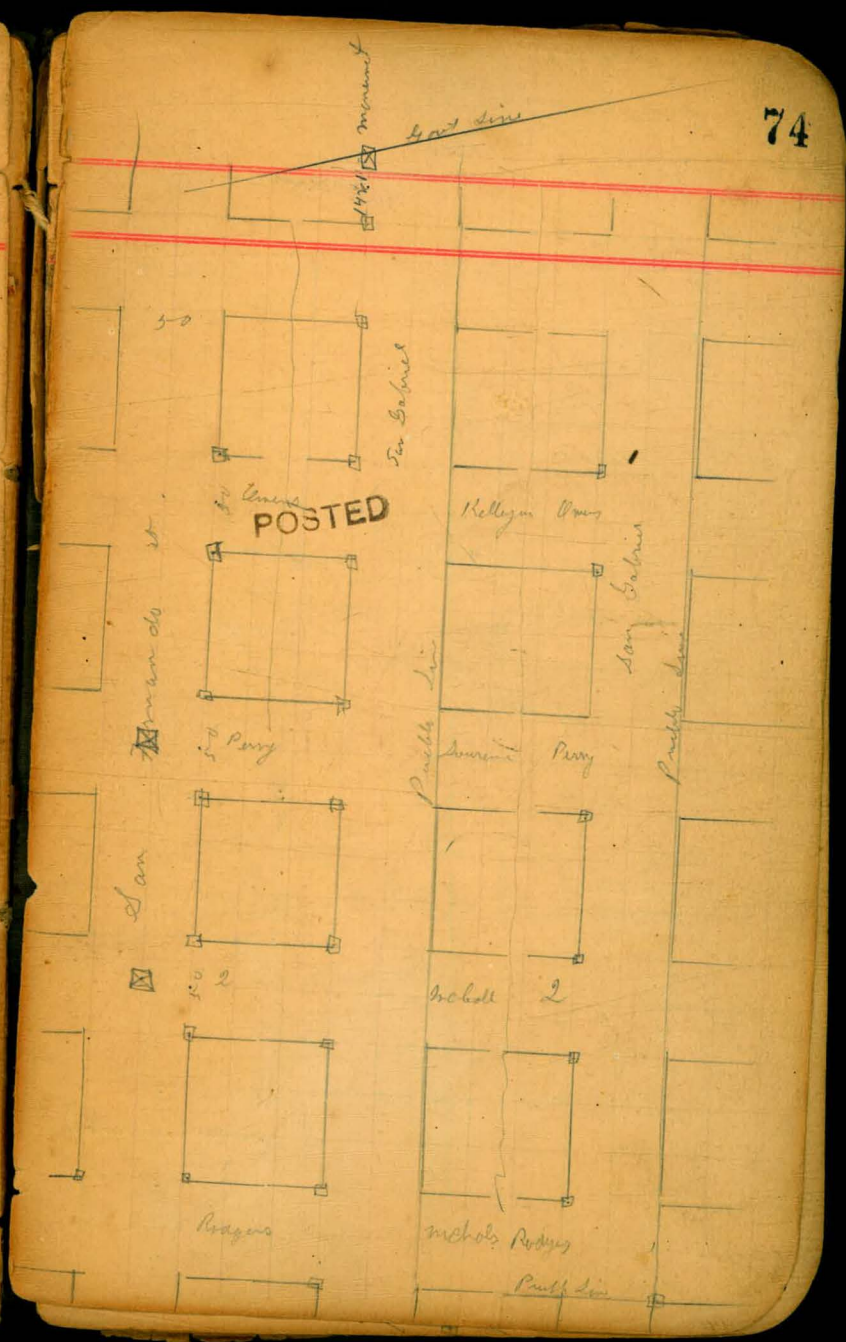
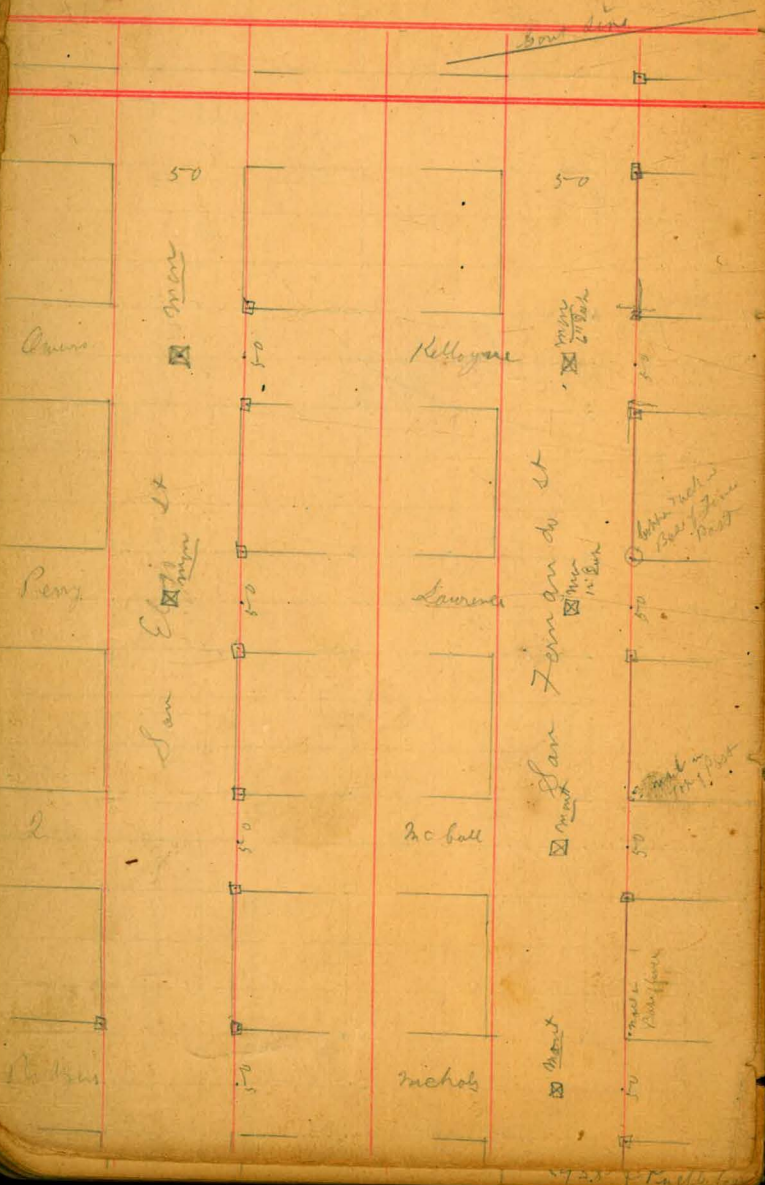
Points in La Playa

Feb 09

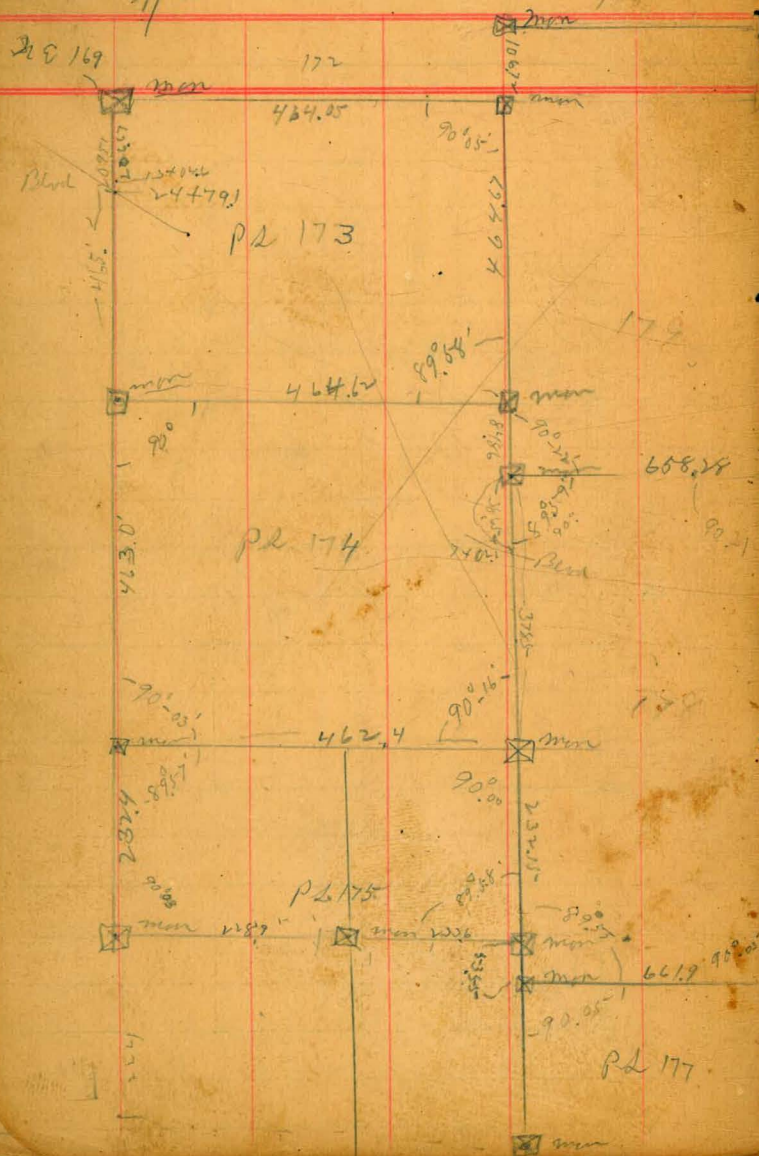
San Antonio St



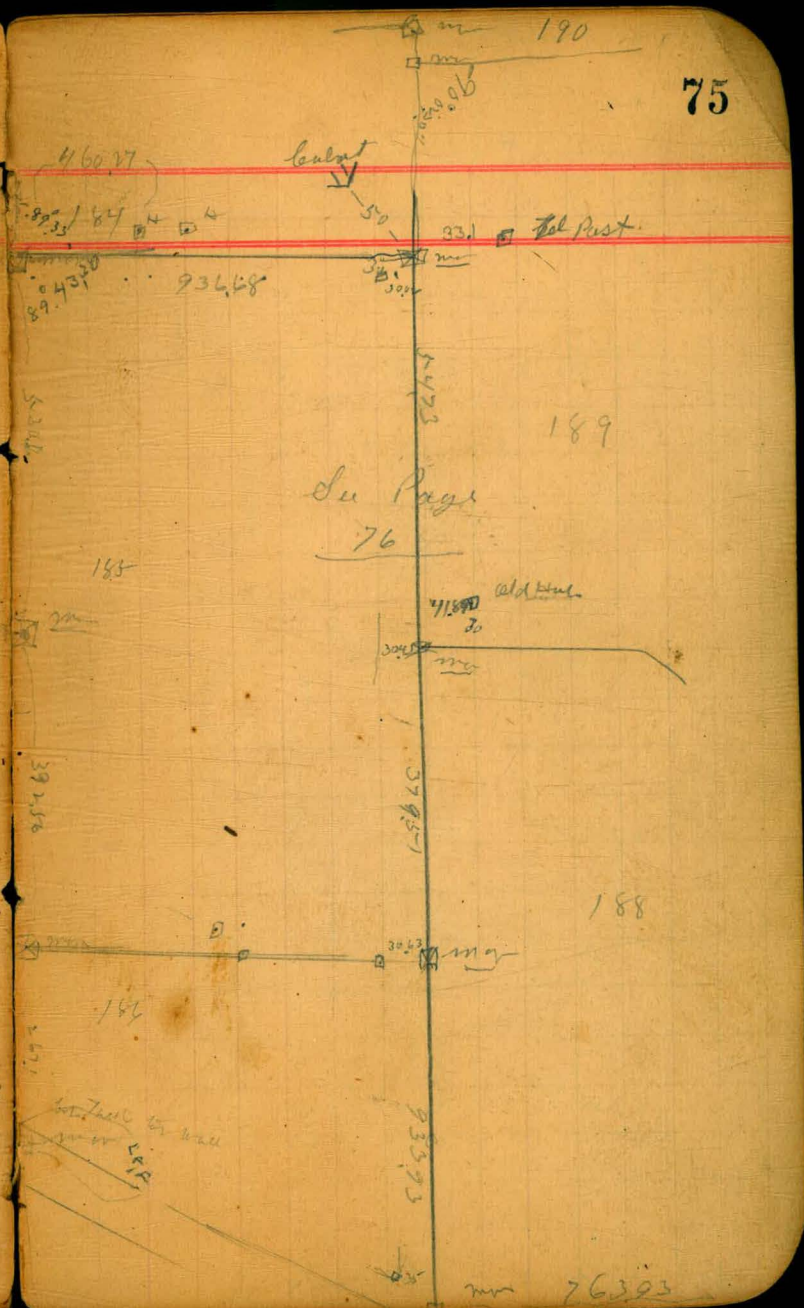
Points Located in La Playa



Location of Monuments on
 Survey Plot 173 174 175-177, 178, 179
 Red 20 11/09



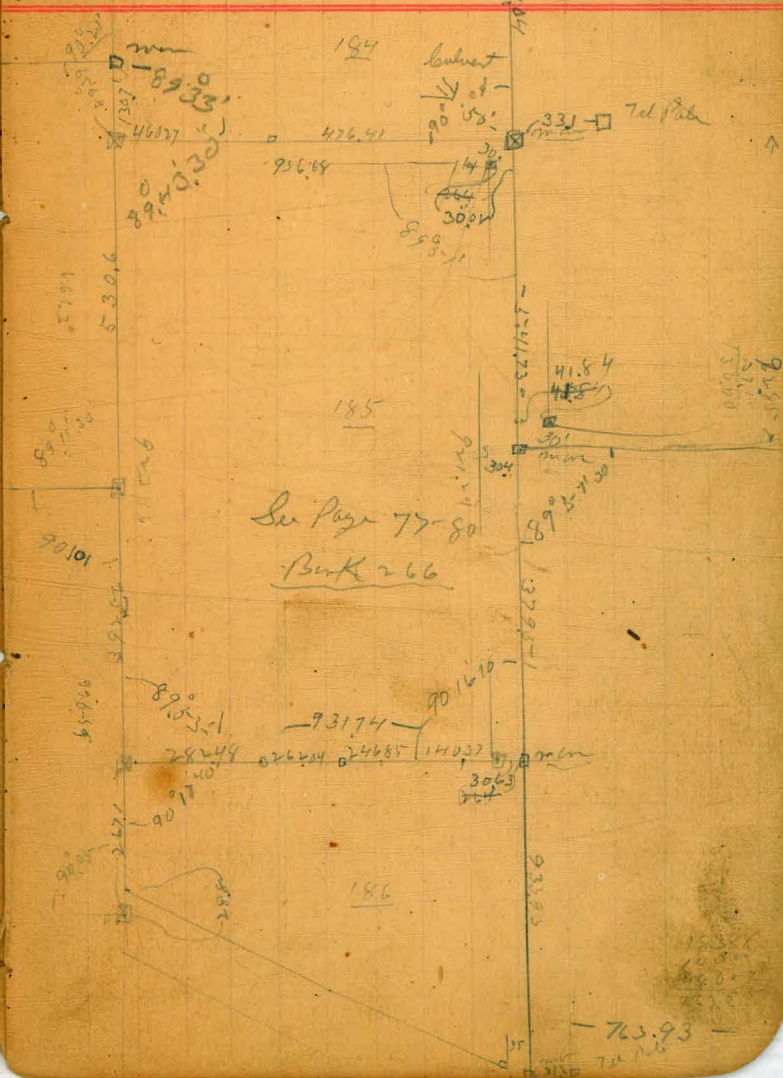
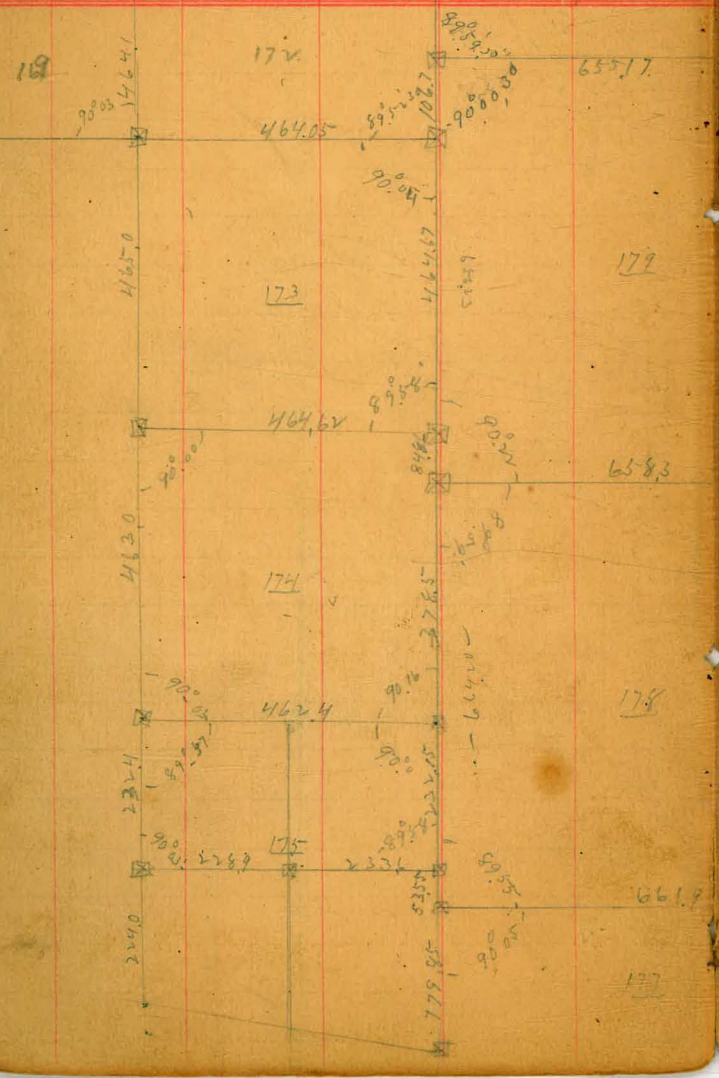
75



763.03

Although location of monuments in
Roman
Roads P.d. 173 174 175 177 178 179

3-09 Monument located in every case in
site of an old mill Rotational point 180 P.d.



Clough
Goran
Rodgers

Monuments on Rosecrans St

Trinton

3009

P 177

Box Jack
in top of wall

70'

Rosecrans St

Men desk

New Roseville

3rd Br

2nd St S

777

75.5

75.5

75.5

75.5

75.5

75.5

75.5

75.5

75.5

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75.5

75.5

75.5

75.5

75.5

1st St S

Rosecrans St

New Main

PR

men

men

men

men

men

men

75.5

75.5

75.5

75.5

75.5

75.5

men located at P.d. Cor

Monument located at S W
 Intersection of Seven St lines of
 Each intersection of Rosecrans St

Mon	on 7 lines	S W on	Address +	Rosecrans
"	"	"	Byron +	"
"	"	"	Carleton	"
"	"	"	Dickens	"
"	"	"	Emerson	"
"	"	"	Fanshott	"
"	"	"	Goethe	"
"	"	"	Hugo	"
"	"	"	Inglton	"
"	"	"	Jarvis	"
"	"	"	Keats	"
"	"	"	Lowell	"
"	"	"	Mackay	"
"	"	"	Howell	"
"	"	"	Alphart	"
"	"	"	Poe	"
"	"	"	Lundy	"
"	"	"	Russell	"
"	"	"	Young	"
"	"	"	Udahl	"
"	"	"	Vottan	"

Monuments a Rosecrans St

Mon	on 7 lines of ^{S W on} Whittier St	Rosecrans
"	Henry	"
"	Young	"
"	Zouch	"
"	Alcott	"
"	Browning	"
"	Curtis	"
"	Dumas	"
"	Elliott	"
"	Freeman	"
"	Goldsmith	"
"	Homer	"
"	Ibsen	"
"	James	"
"	---	---
"	---	---
"	Merri dith	"
"	Lyle	Scott
"	"	Shoft
"	"	Fide St
"	Kearny & Witherly	

Monuments on Lytton

Mon	Location on 7 lines SW 6	Plant	Lytton
"	"	Elm	"
"	"	Scott	"
"	"	Shafter	"
"	"	Tide S	"

Monuments Set at Pueblo Corners

"	191	192	193	Four to Point
"	187	188	188	old track + line
"	190	191	191	Old Post
"	182	183	190	
"	182	190	191	

Monuments Set at Corners of Pueblo Lots

PS-102	-	4	corners
"	104	4	corners
"	105	2	" Resurvey line
"	106	3	"
"	117	3	" PS-190- 4 corners
"	128	4	" 191 to monument
"	129	3	"

