F.B.45

FIELD BOOK.

380

45
Return to City Engineers Office
City Hall, San Diego, Cal.

MICROFILMED
DEC 4 1964

Return to City Engineers Office
City Hall, San Diego, Cal.
45

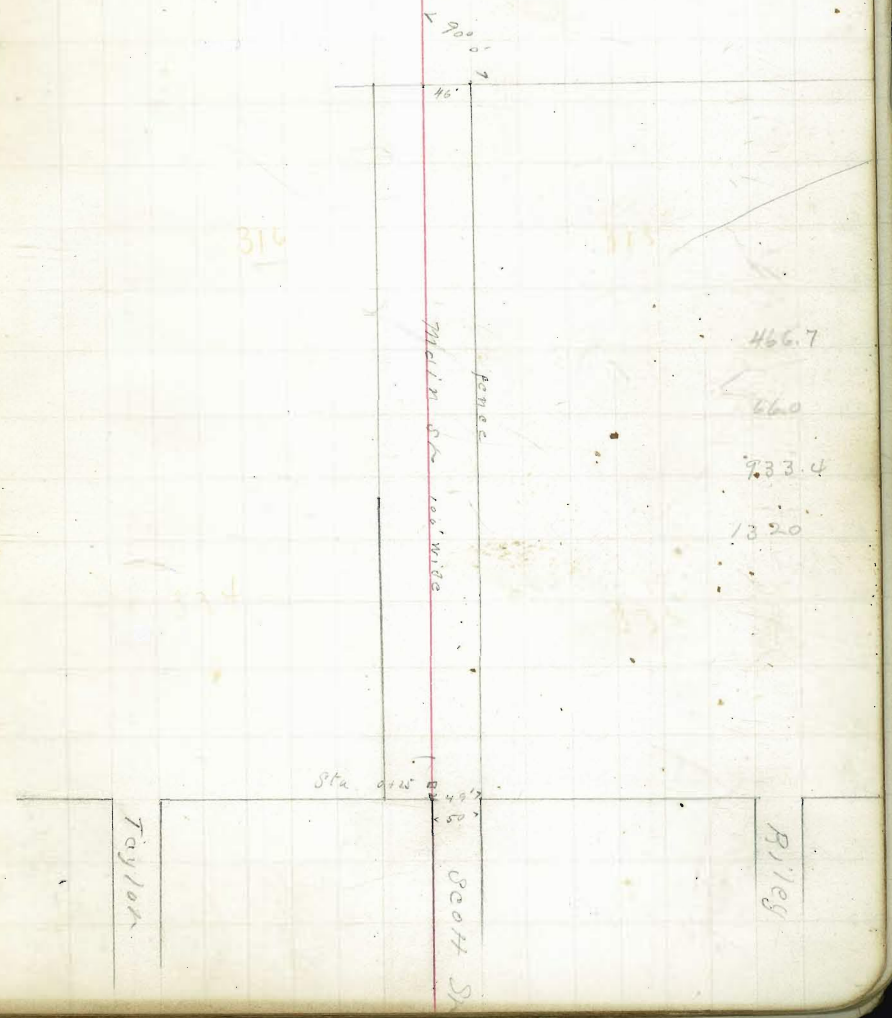
45

MI

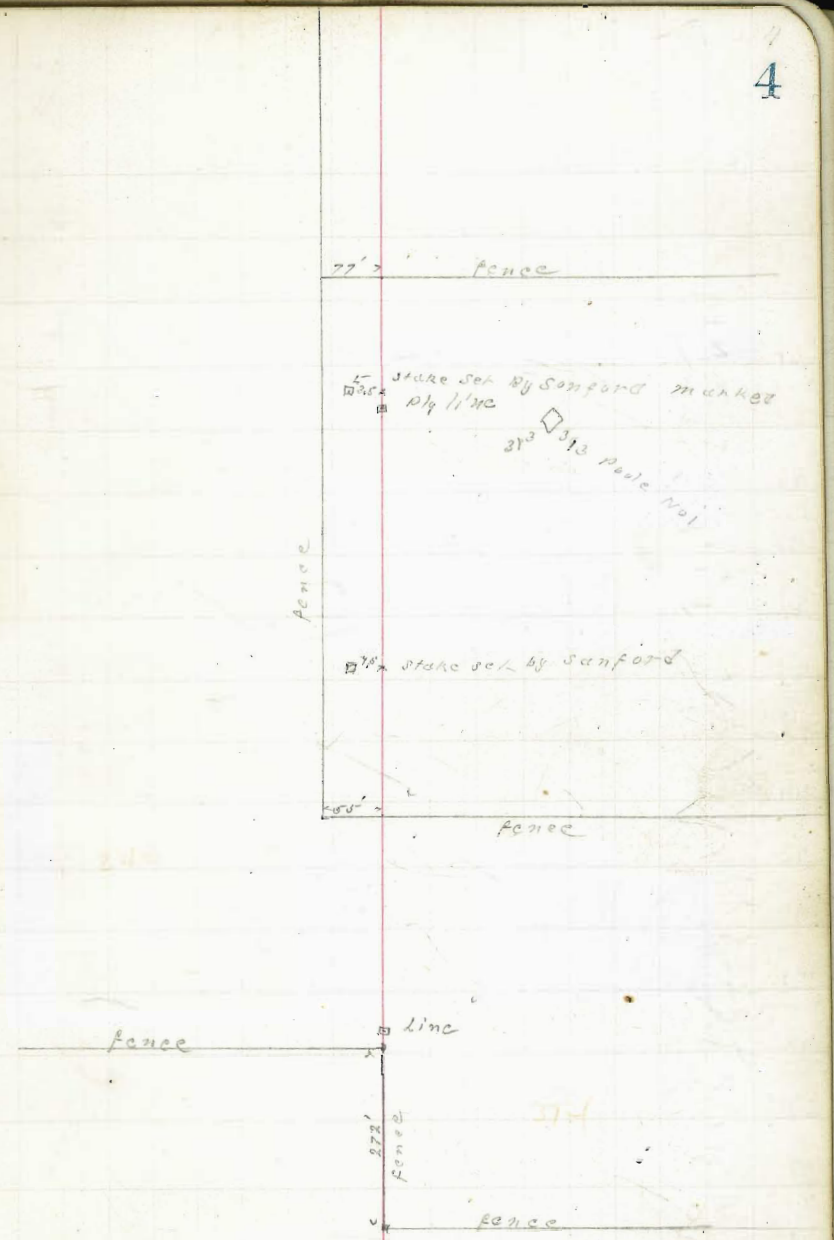
Trial line from Scotts st in Old Town to Points set along Gov Res, by Tax

Sta	Def	Course	M.C.
15			
14			
13			
12			
+26.7	90° 0 Right		N 68° 0' W
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1			
0			S 22° 0' W

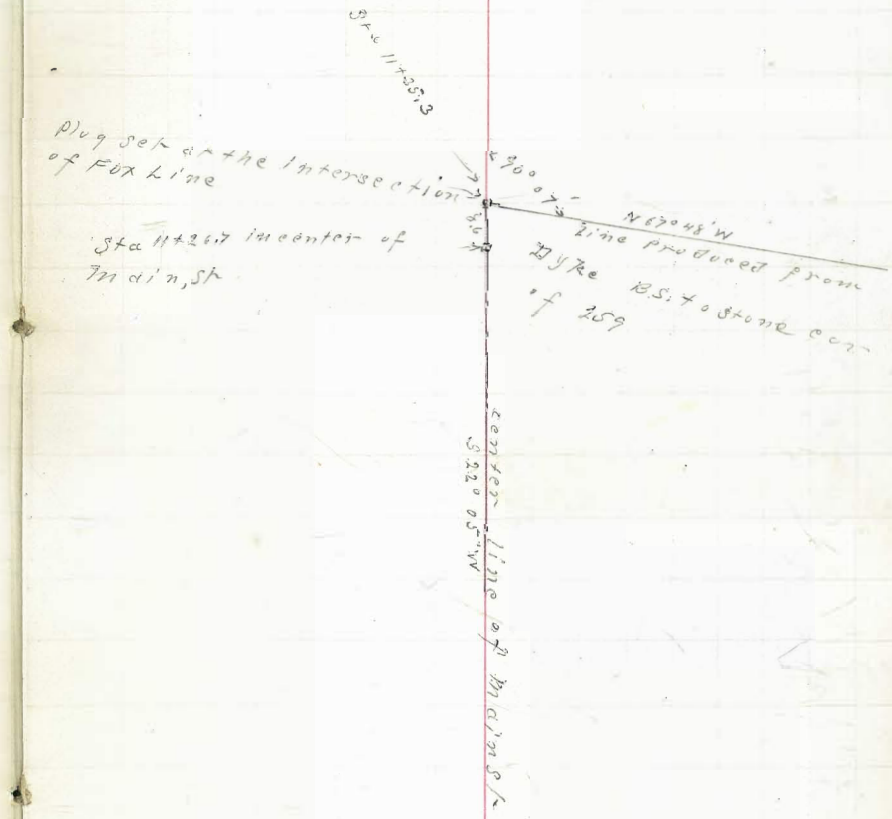
Sta 0 is the westerly cor of B3R 402 of Old Town by Pascoe, course S 35 1/4 W by Pascoe



Sta	Bef	Course	Mc.
34			
33 +36.7			
32 +54.7 +26.7			
31			
30			
29 +24.7			
28			
27			
26			
25 +88			
24			
23			
22 +26.7 +08.7			
21			
20			
19			
18 +33.7			
17			
16			



Sta	Def	Course	M.C.			
+57.7						6 x 6" stake set by Tow bet dtr
+26.7	2° 21' left		N 70° 20' W			Plq line 259 & 243
50						
49						
48						
47						
46						
45						
44						
43						
42						
41 +26.7						Plq line .94 W
40						
39						
38						
37						
36						
35						


Sta 11+35.3
Plug set at the intersection of Fox Line
Sta 11+26.7 in center of Main, St
N 67°48' W
line produced from
Dyke B.S. to stone cor of 259
center line of Main St
S 22° 05' W

Range line S 22° 10' W from cor of Pl's 259, 275, 276

Sta	Bef	Course	M.C.
17			
16			
15			
+47.4 14			
13			
12			
11			
10			
9			
8			
+87.4 7			
6			
5			
4			
+20.7 3			
2			
1			
0			S 22° 10' W

Sta 0 is a point set on the line of the Dow Res by Fox (S 22° 10' W Mag) 146 from cor of Pl.s 259, 275, 276

Aug 26. 1892 Hamlin transit
Williams } Chain
Shaw }
Van Hook

Line bet 10A & 20A Range 20 – 10 Plg & witness

660

Line bet 5A & 10A Range 10 – 5A Plg & witness

466.7

Plug N. Easterly line of 5A Range 5A witness 28° 06'

320.7

Line bet Lots 259, 243

(60 W Mag .255) +
1640.1

Fore right to stake set on S outherly line of Dow Res by Fox Bef 28° 06' left

+ along wire fence

+00.8
37
36
35
34
33
32
31
30
29
28
27
26
25
24
+80.8
23
22
21
20
19
18

Line bet 40A & 160A Range — o — Plg & witness

1320

Line bet 20A & 40A Range — □ 40 / 20 — Plg & witness

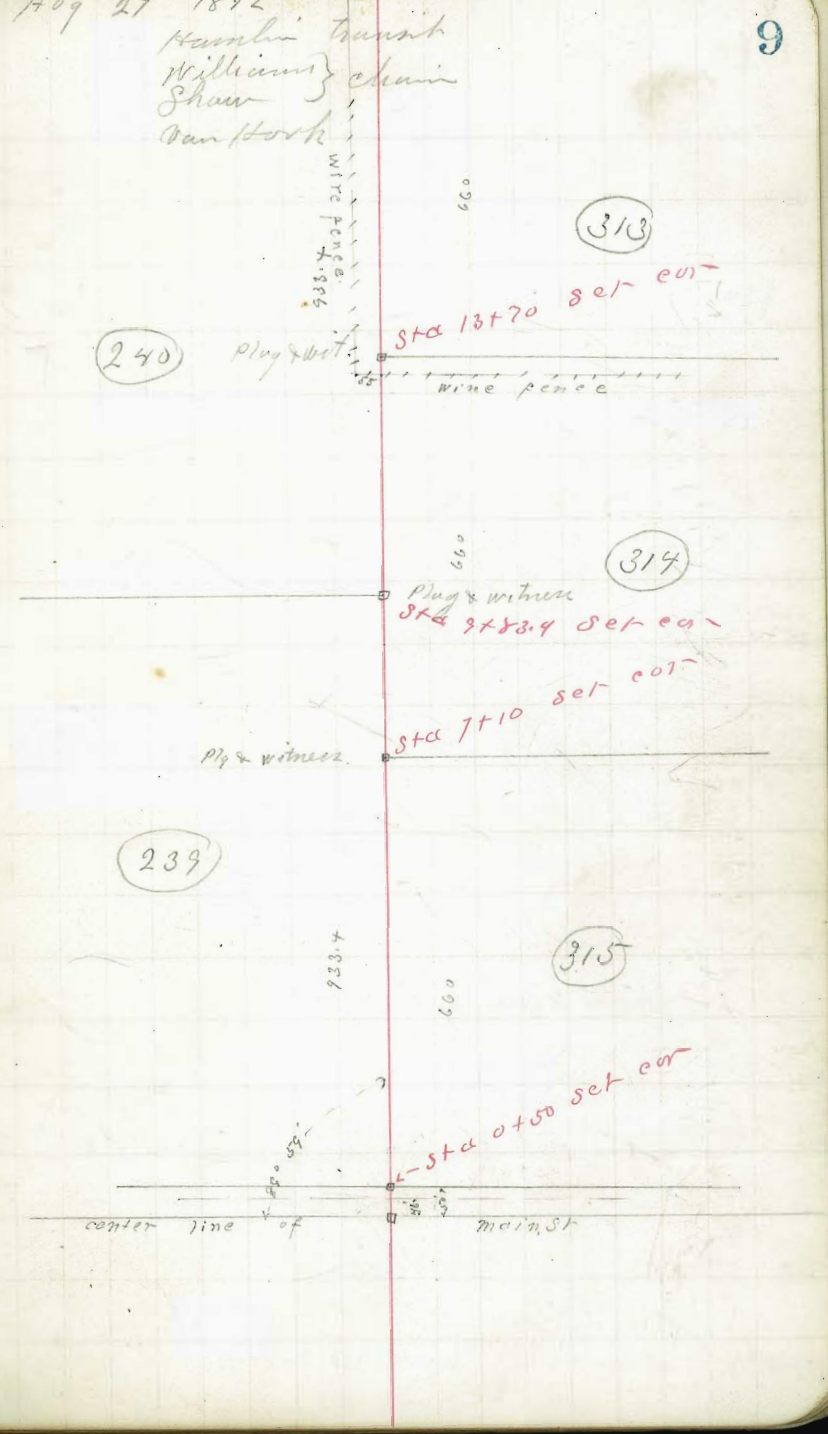
933.4

Line between the 10A & 20A Ranges
Running N W from the center line
of main St

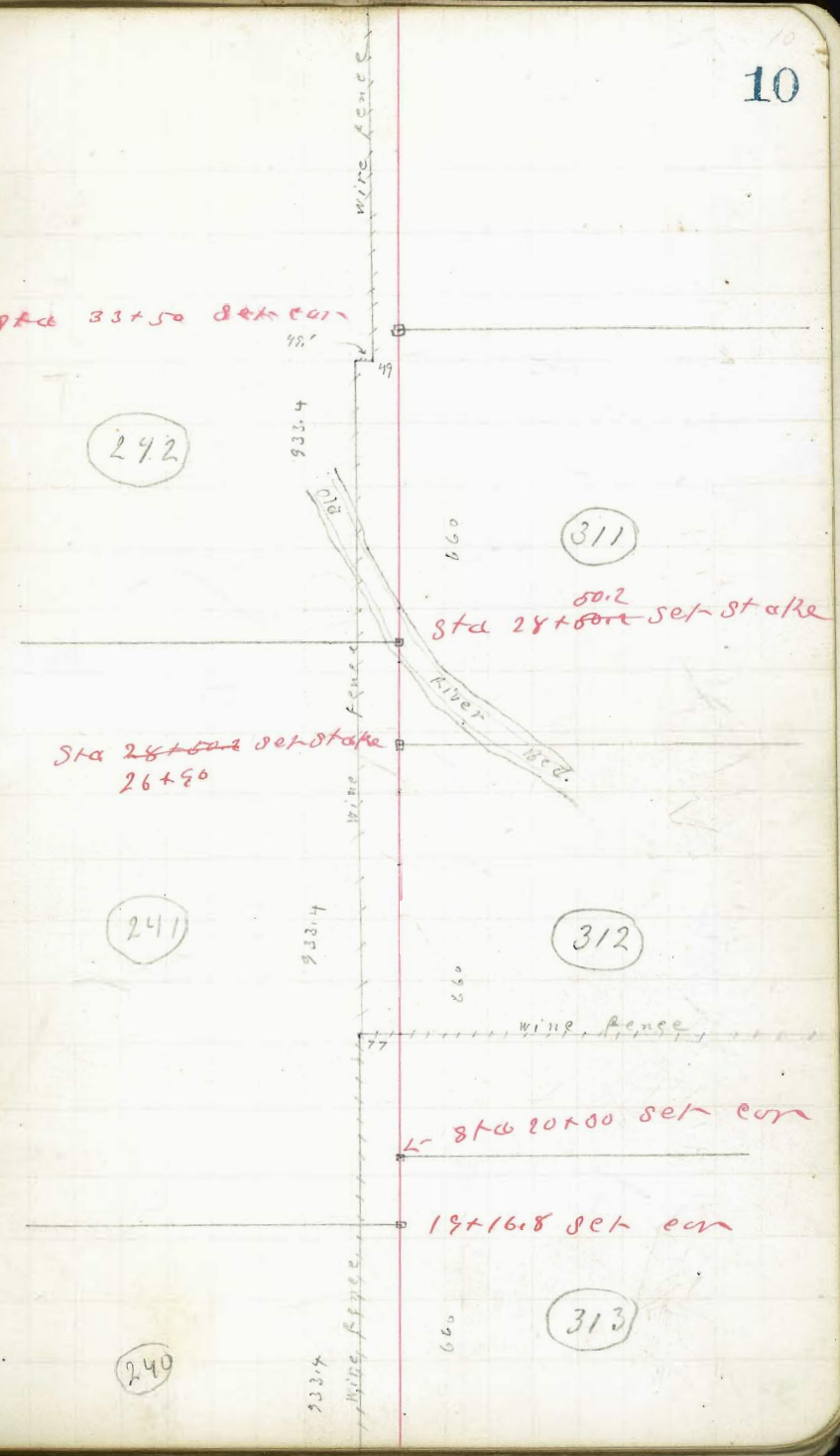
Sta	Def	Course M.C.
16		
15		
14		
+70 13+62		crossed wire fence, cor 55' to left
12		
11		
10		
9 +83.4 +80.0		cor of wire fence 2' to left
8		
7 +10 +08		cor of wire fence 10" to left
6		
5		
4		
3		
2		
1 +50 +46		Plug cor wire fence of Pueblo lots
0		N.68° W. at 8.30 A.M.

Sta 0 is a point in the center line of Main St
11.26.7' S W from the Old Town line by
Clayton's map.

Aug 27 1892



Sta	Def	Course	M.C.
35			
34			
+60 33+05	<	fog in wire fence 49' to left	
32			
31			
30			
29	<	Bank of Old River Channel.	
+50.2 28+16.0	<	Bank of Old River Channel.	
27			
+90 26			
25			
24			
23			
+11 22		crossed line of wire fence	
21			
+30 20+29	<	5"x5" stake set by Sanford 3' to left.	
+16.8 19			
18			
17			
+99		stake set by Sanford 4.0 to Left	



Line between 5A & 10A Acre Ranges
Running N W from center line
of Main St
Sta Def course M.C.
+99 stake set by Somford 3.1 Left

16

15

+50.1
14+40 ← crossed line of wire fence 52' Left to cor

+70
13+59 ← 49.5 Left to cor of wire fence

12

11

11

+83.4
9+18 ← center of water pipe line to Pt Loma

8

+10
7+09 ← cor of wire fence 2.0 to Left

6

+16.7
5+15.5 ← cor of wire fence 1.5 to Left

4

3

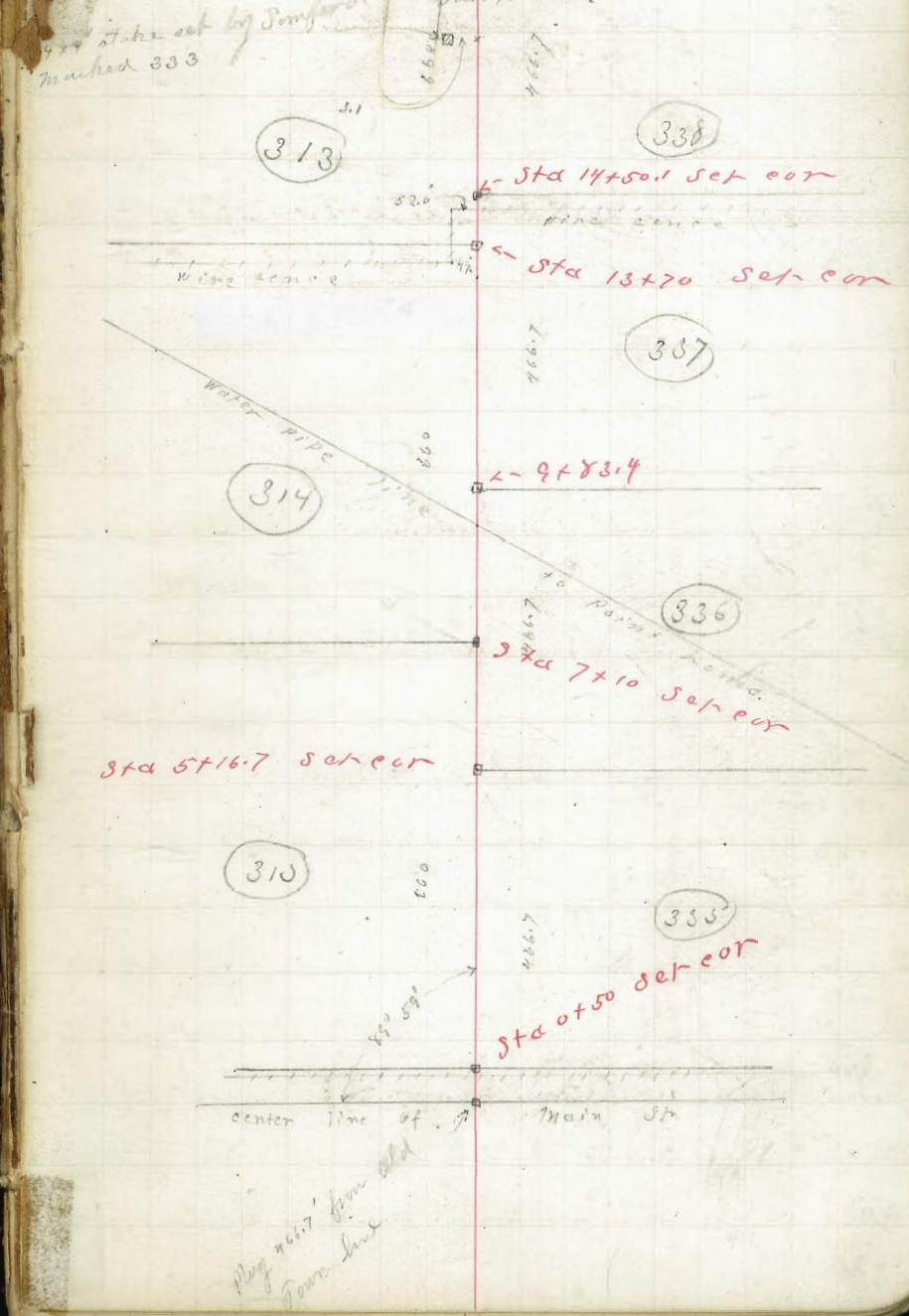
2

1

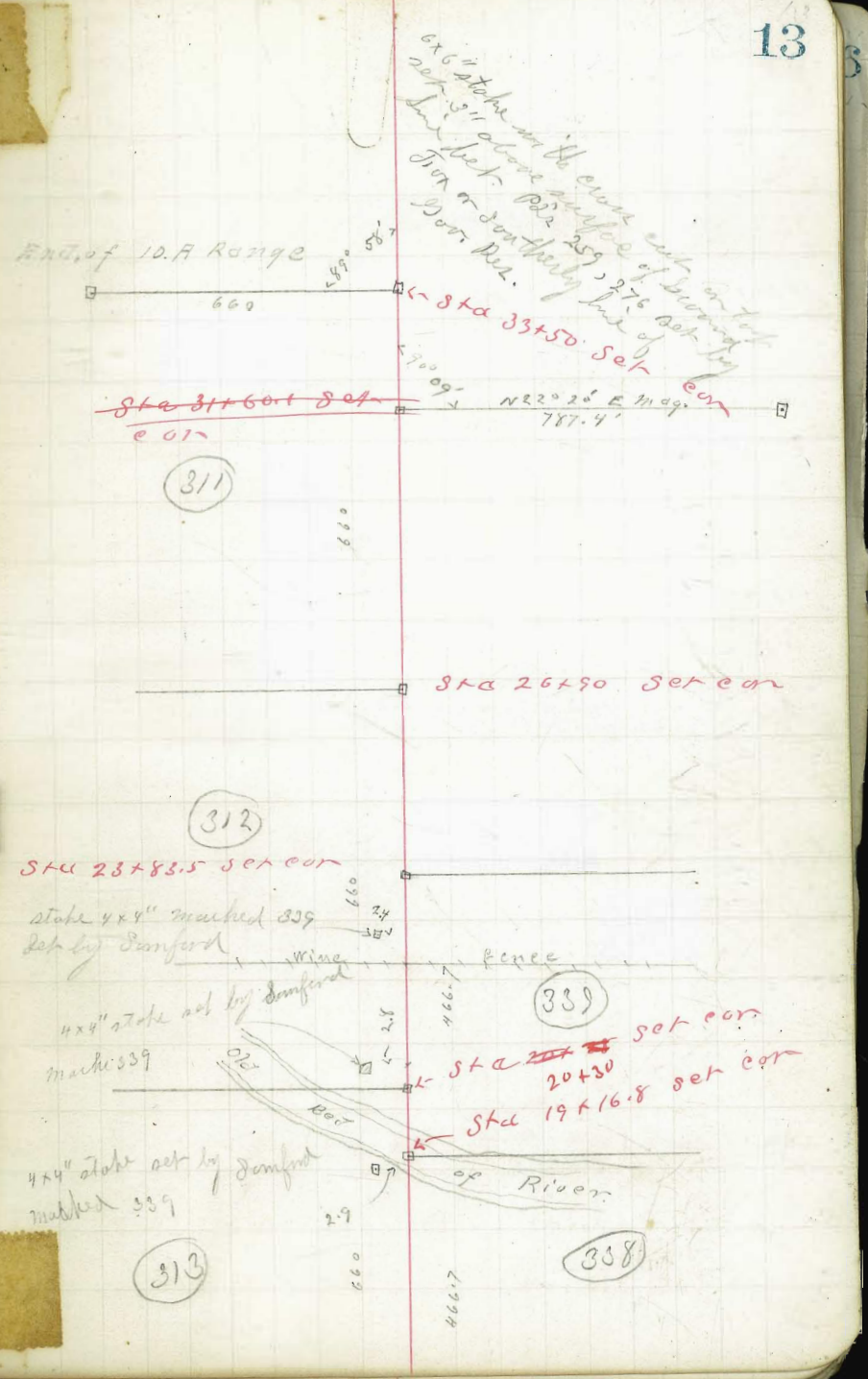
+50
+47.5 ← wire fence
0 89° 59' R. N67° 50' W at 11 A.M.

Sta 0 is a point in the center line of Main St
466.7' S. W from Old Town line by Clayton's
Map

Aug 27 1892. Hamlin transit
Williams } Chainmen
Shaw }
Van Hook



Sta	Def	course	M.C.	
+50	89°58'		2. PM.	cor
33			S22°15' W	
32				
+60.1			2.30 PM	
31			N22°20' E	
30				
29				
28				
27			N67°45' W	at 1.30 P.M.
+90				
26				
25				
24				
+83.5				
23				
+80				
+19		crossed wire fence		
22				
21				
+28				
20				
+16.8				
19 +14.5		stake set by Sanford.		
18				
17				



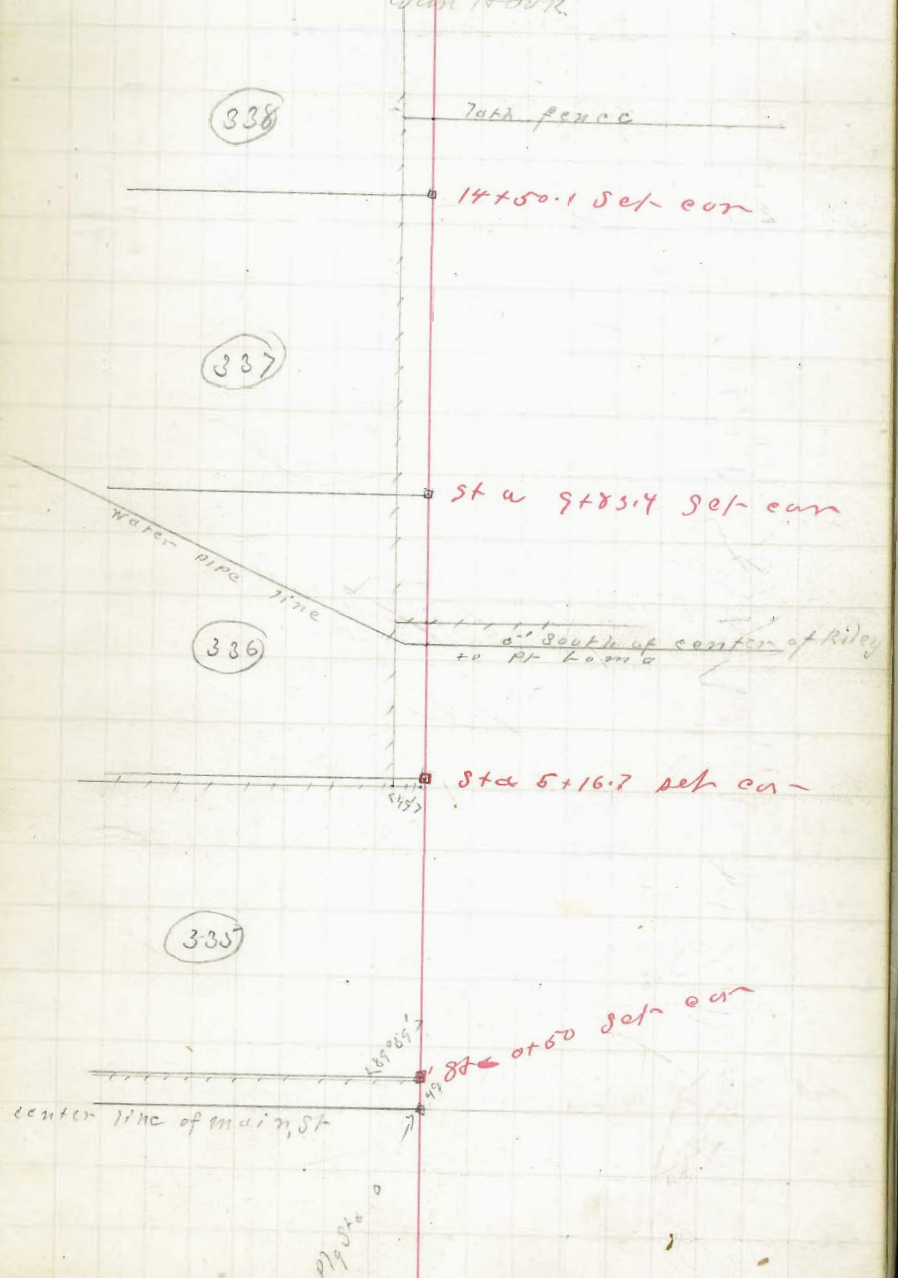
Line along the North Easterly Line of 5 Acre Lots.

Sta	Def course M.C.
16	
+62	Lath fence
15	
+50.1	
14	
13	
12	
11	
10	
+83.4	
9	
8	
+47	wire fence
+19	Pipe line to Pt Loma
7	
6	
+16.7 / 5 15.5	to wire fence N67°45'W 3 P.M.
4	
3	
2	
1	
+50 / 0 +49	corner of wire fence 89° 59' R

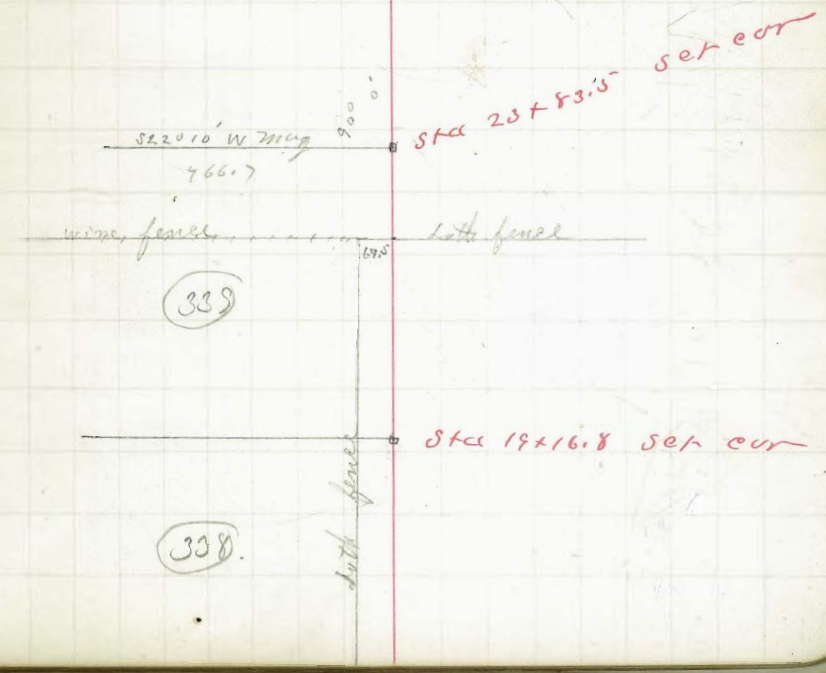
Sta 0 is a point in the center line of Main St on the Old Town line by Claytons Map

Aug 27 1892

Humbin transit
Williams } Chainmen
Shaw
Van Hook



Sta	Def	Course	Me
		466.7' to opposite cor of lot	
+83.5	90° 0'		S22° 10' W at 4.30 P.M.
23 +82	old stake 1½ x 4" with spike 4' deft of line (Probably cor set by Fox)		
+25.5			
22			
21			
20			
+16.8			
19			
18			
17			

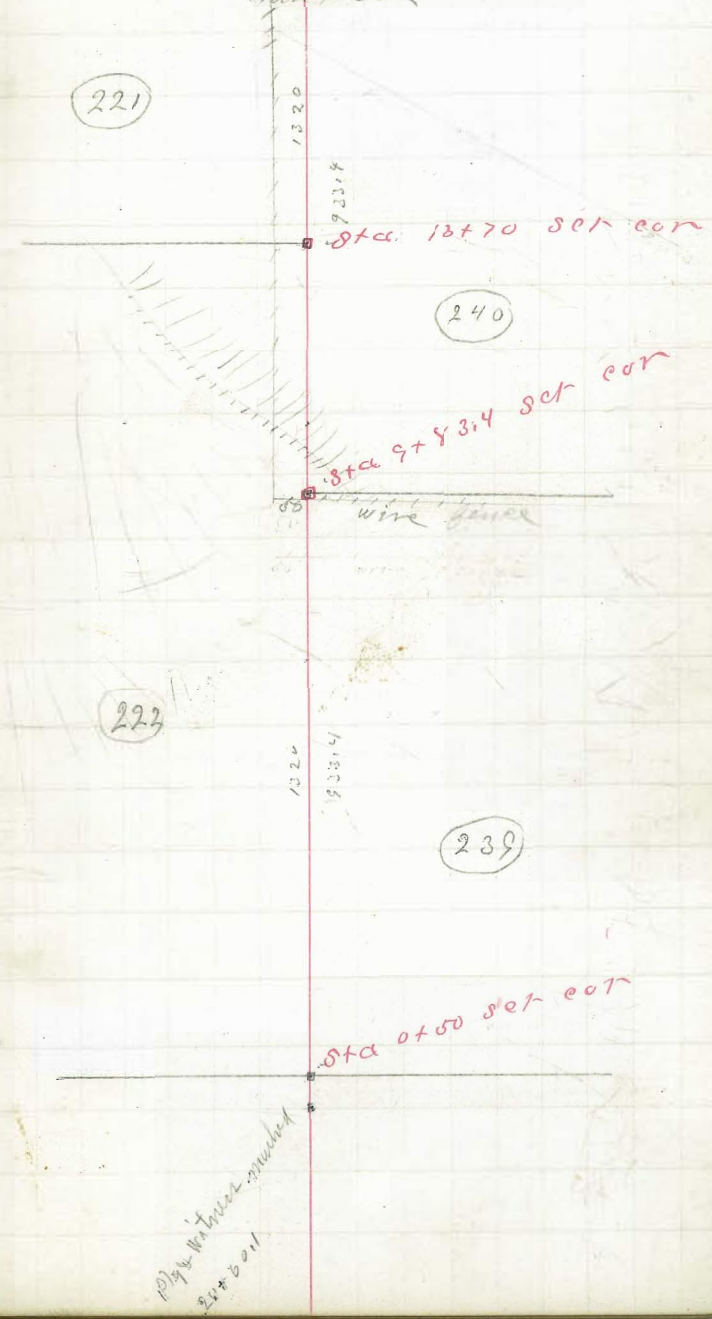


Line bet 20 & 40 Acre Ranges
Running N W from center
Line of Main St

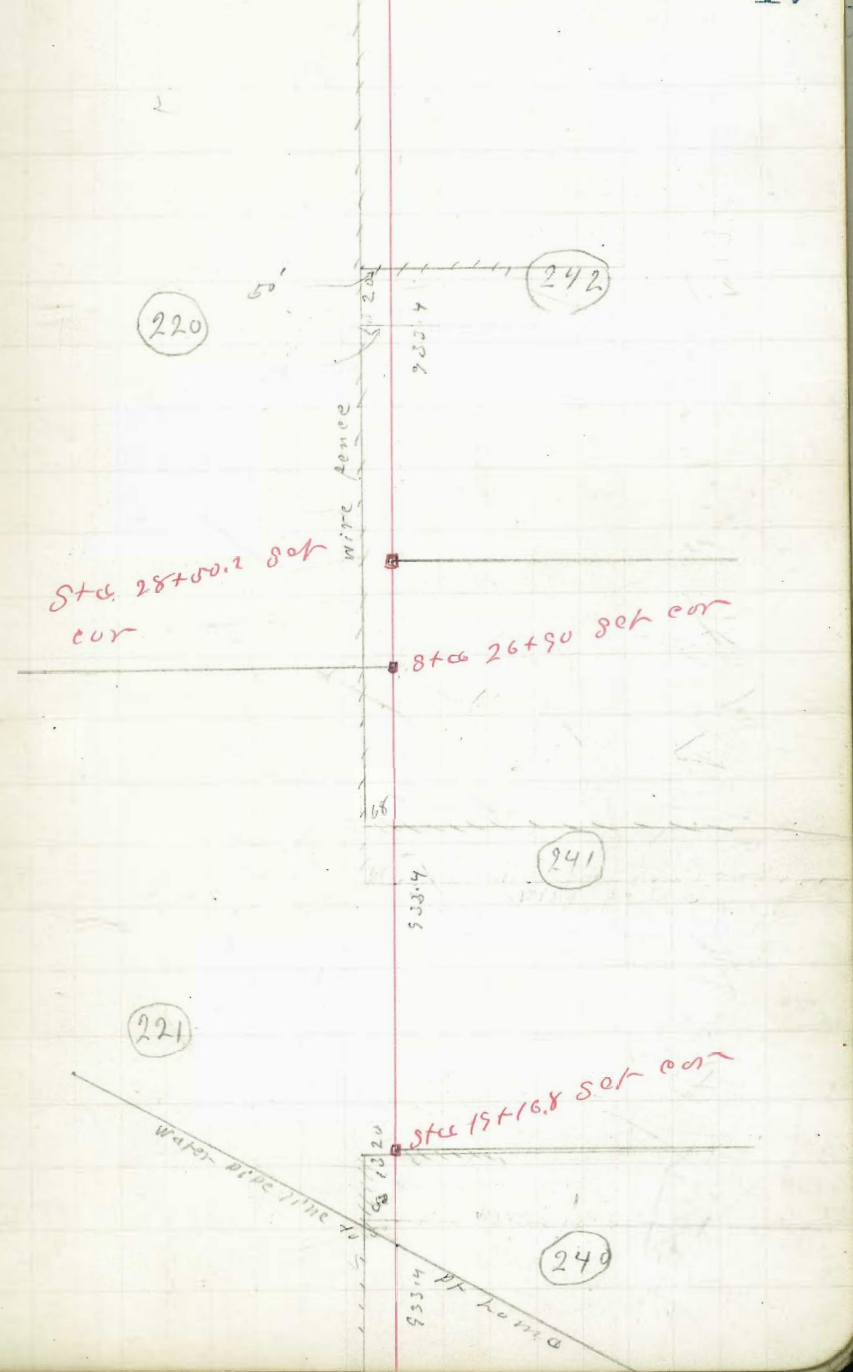
Sta	Def	course	M.C.
16			
15			
14			
+70			
13			
12			
+45	Top of high Bank		
11			
10			
+83.4			N67°45W at 11 A.M.
9 +78.0	Curved line of wire fence		
8			
7	Edge of marsh		
6			
5			
4			
3			
2			
1			
+50			
0	89° 58'		N67° 45W at 10 30' A.M.

Sta 0 is a point 20+60.3 from Old Town Line by Claytons Map along the center line of Main St.

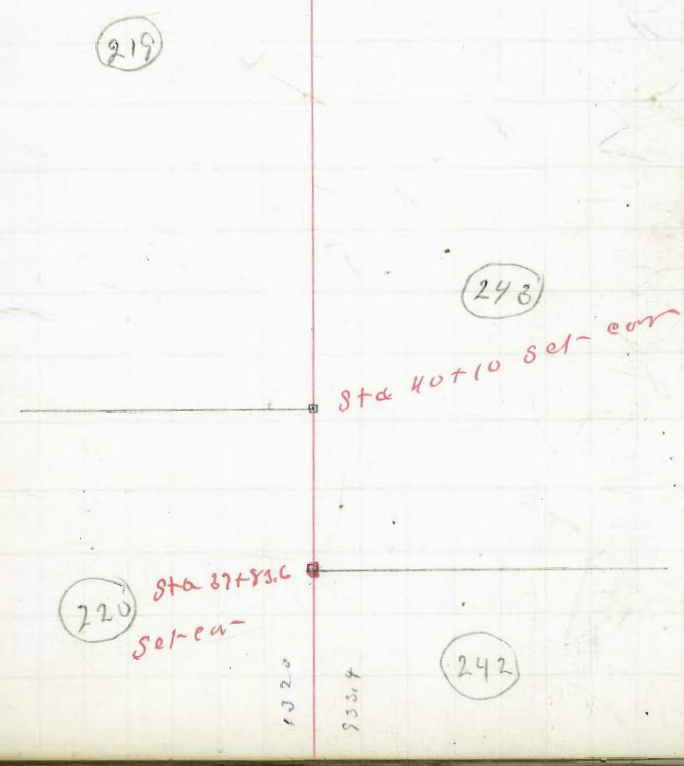
Aug 29 1892 Hamlin transit
Williams } chainmen
Shaw
Van Hook



Sta	Def	course	Rmk
35			
34			
+13	crossed line of wire fence		
33			
32			
31			
30			
29			
+50.2			
28			
27			
+90			
26			
25			
24 +30	crossed line of wire fence		
23 +30			
22			
21			
20			
19 +16.8 +06	crossed line of wire fence		
18			
17 +79			



Sta	Def	course	M.C.
40 +10			
39			
38 +83.6			
37 +36			
36			



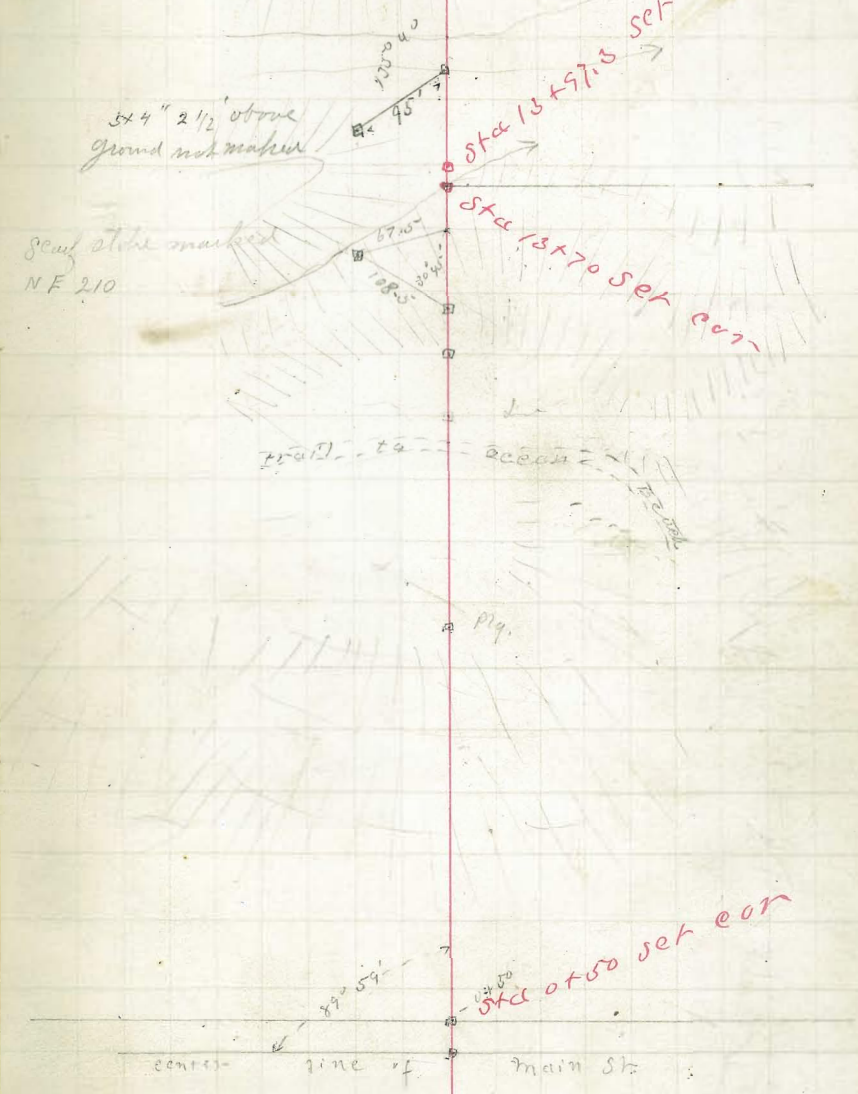
Line Bet 40 & 160 Acre Ranges
Running N W from center
Line of main St

Sta	Def course M.C.
16	
15 +55	
+87.8	67.2' Left to stone
14	
13 +70	
	at Sta 12+58 47' Left to cor
12 +70 +68	Edge of bank
11	N67°50'W at 11 A.M.
10 +75	Crossed trail
9	
8	
7	
+81	Line Point
6	
5	
4	
3	
2	
1	
0	

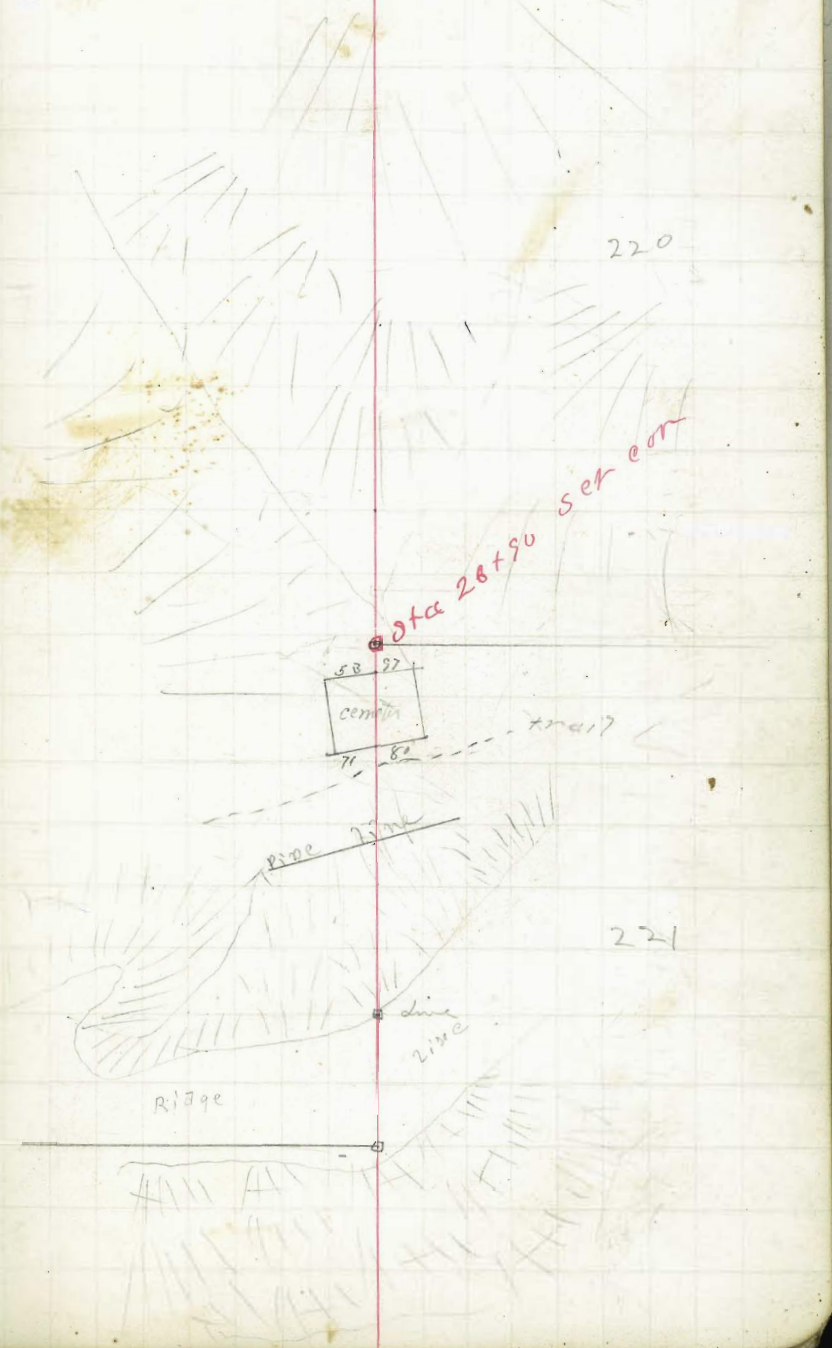
Sta 0 is a point in the center line of Main St 3380.1
From Old Town Line by Claytonk Map

Aug 30 1892

Hamlin transit
Williams } Chain
Shaw }
Van Hook.

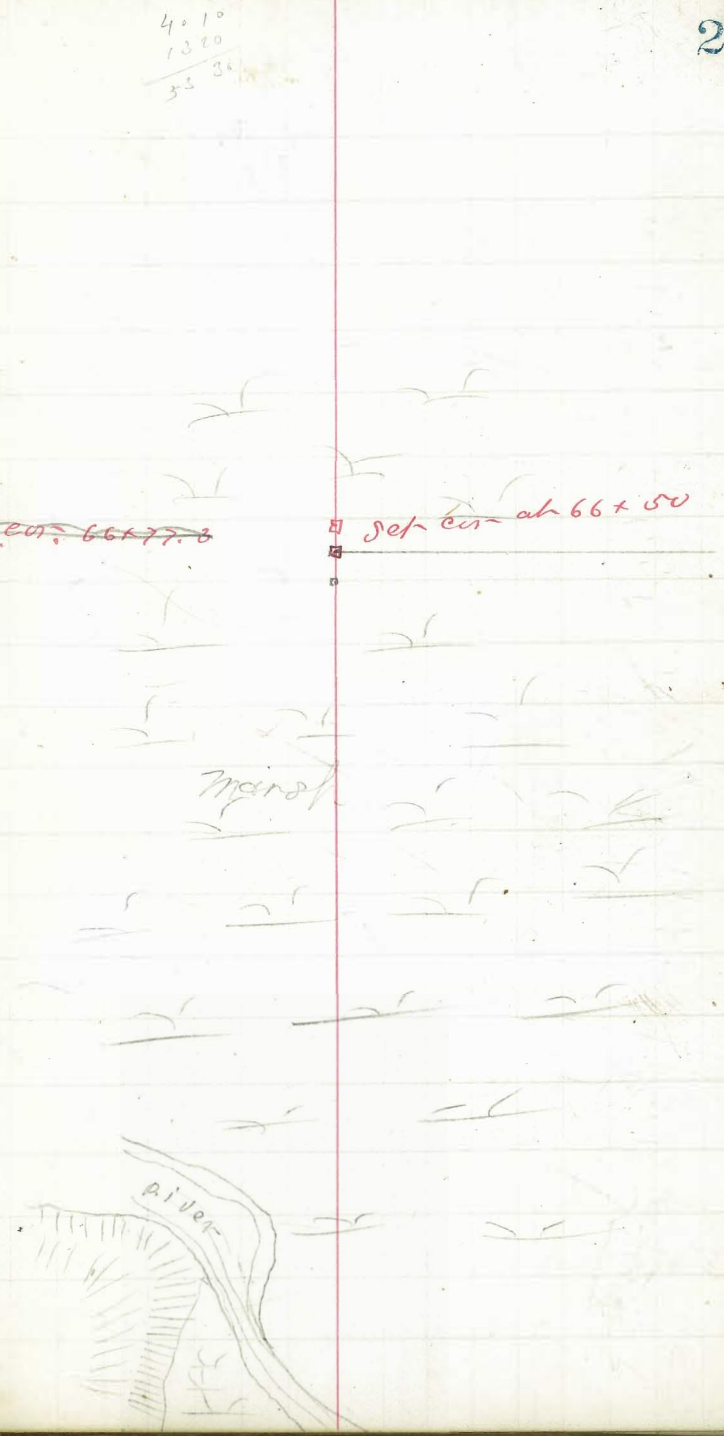


Sta	Mef	course	M.C.
35			
34			
33			
32			
31			
30			
29			
28			
27			
+90 26 +40		crossed fence of Jewish Cemetery	
25 +25		crossed fence of Jewish Cemetery	
24			
+59 23		crossed line of wire fence	
22			
21		N 67°45' E at 12 M	
20			
19			
18			
17			



Sta	Def	course	M.C.
54			
+30			
53			
52			
51			
50			
49			
48			
+13			
47			
46			
+40			
45			
+75			
44			
43			
42			
41			
+10			
40			
39			
+26		Indirect point on the line	
38			
37			
36			

Sta	Def	course	M.C.
72			
71			
70			
69			
68			
67			
+50			
66			
65			
64			
63			
62			
61			
60			
59			
58			
57			
56			
55			
54			



Line between Pueblo Lots, 209, 210, 211
212 & 208, 207, & 206,

Sta	Def	course	M.C.
14			
13			
12			
+25	90° 0' R.		
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1			
0			N 68° 50' W at 9 A.M.

Sta 0 is a point on the shore of the Bay on the line between Pueblo lots Thence Run N 68° 50' W mag to an intersection with the center line of main st produced.

Sept 2 1892

Hamlin transit
Williams } Chain
Shaw }
Van Hook

trait to Old Town

Sta 60+20 on center line of main st produced

center line of main

This point ok.

208

209

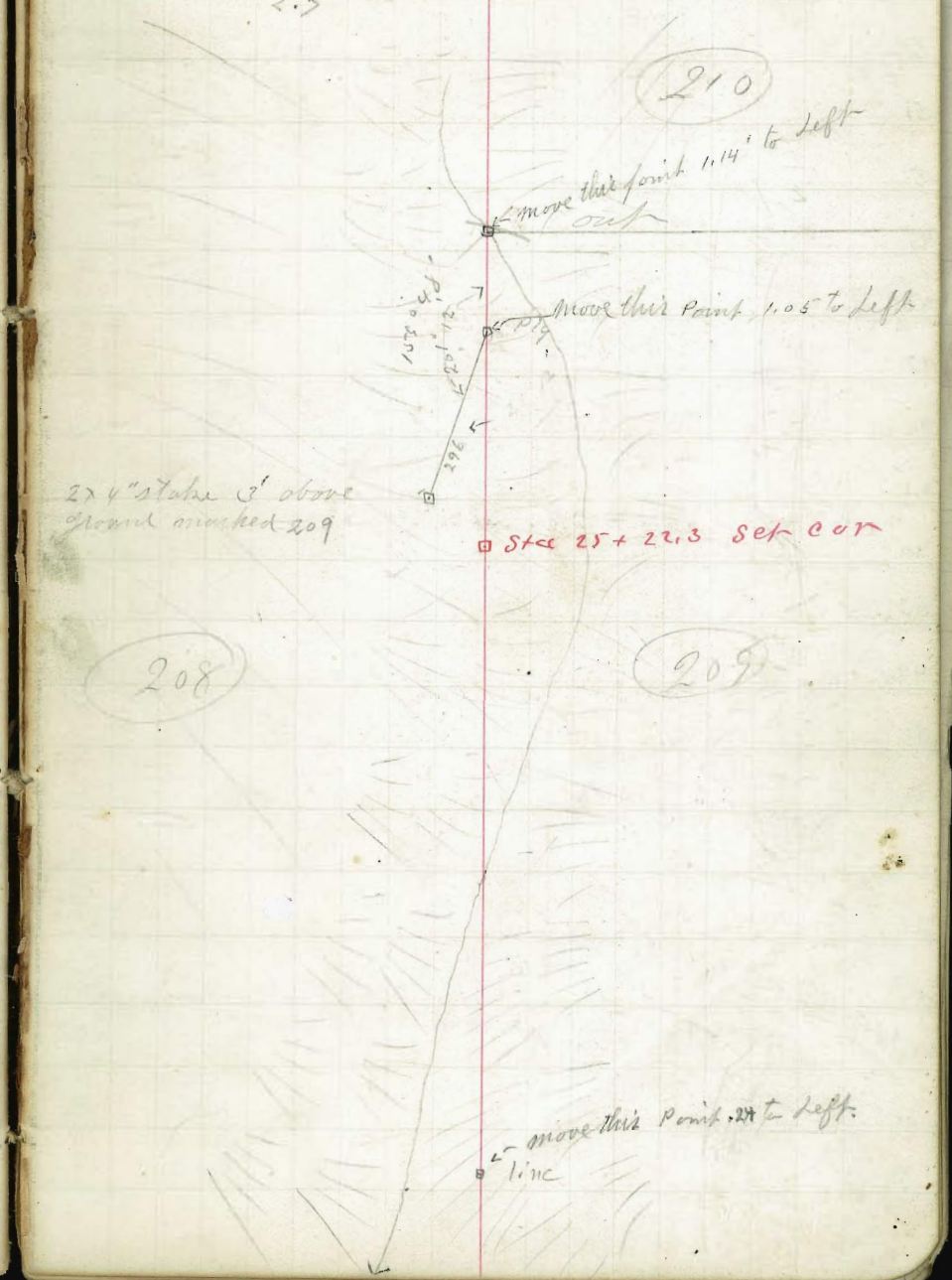
← move this point .67' to Right

Rate for correcting random line

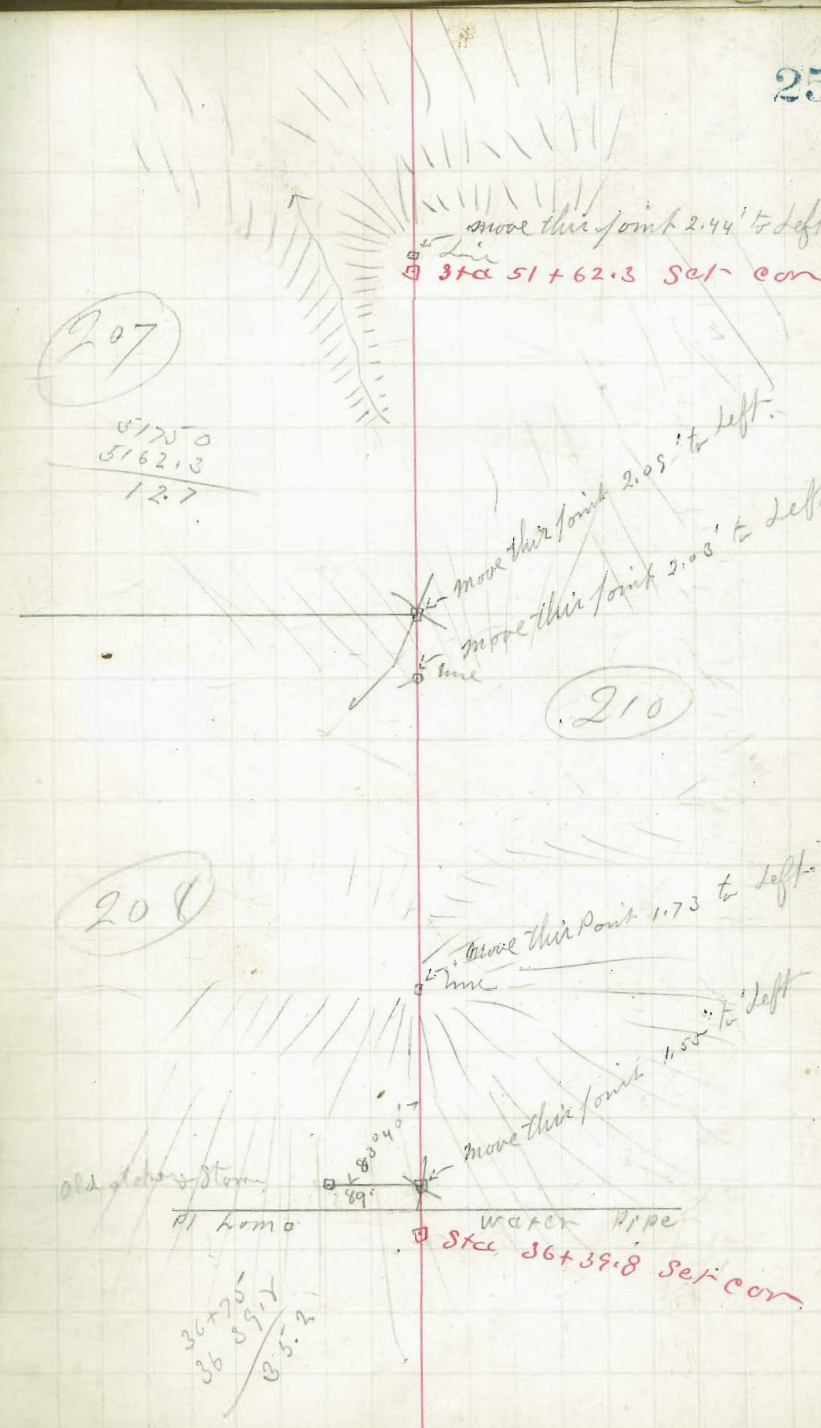
.000602' – 1.0'

Sta	Def course M.C
33	
32	
31	
+ 25 30	
29 + 75	
28	
27	
26	
25 + 97.2	2×4" stake 102.2 to left
24	
23	
22	
21	
20	
19	
18	
17	
16	
15+25	

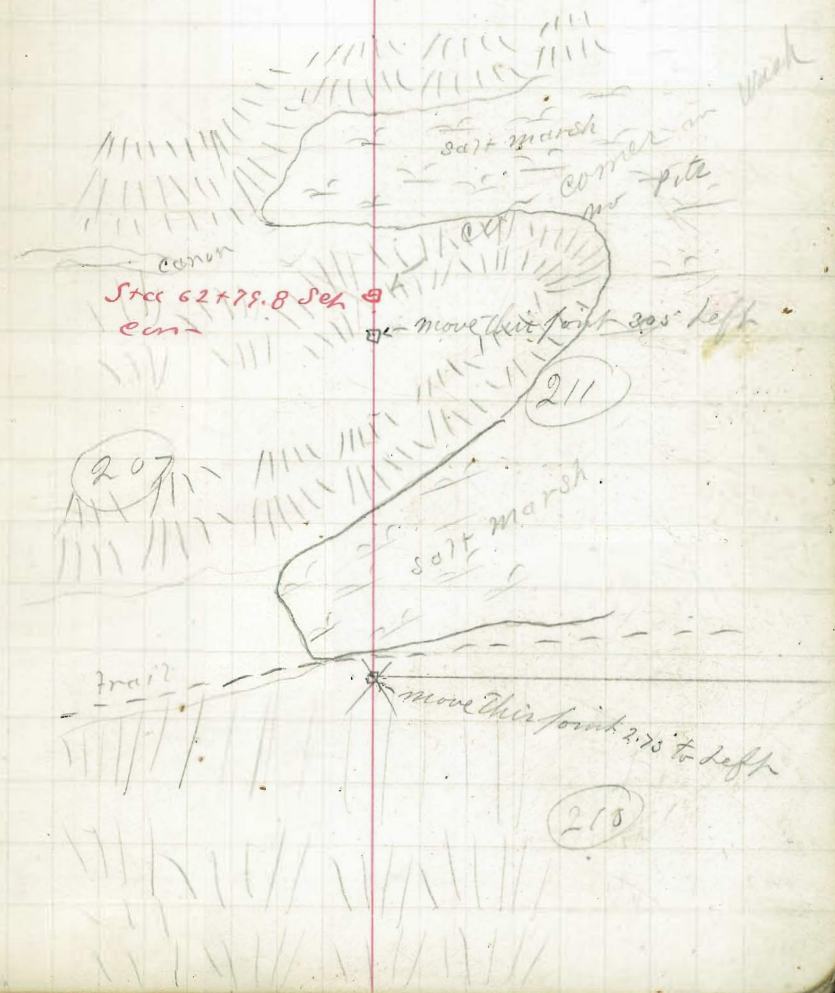
28 + 75
25 + 22.3
3 5 2.7



Sta	Def course M.C.	
33 52 +75	Top of hill	N67°45'W at 1.A.M.
32 51		
31 50		
30 49		
29 48		
28 47		
27 46		
26 45		
25 44		
24 43		
23 42		
22 41		
21 40		
20 39		
19 38		
18 37 +75	Crossed water pipe line to Pt Loma.	N67°15'W at 11.P.M.
17 36		
16 35		
15 34		



Sta	Def	course	M.C.
71			
70			
69			
68 + 75	Bank of canon		
67			
66 + 60	Edge of marsh		
65			
64 + 81	Edge of marsh		
63 + 79.8			
62			
61 + 75			
60			
59			
58			
57 + 65			
56			
55			
54			
53			



Sta — Def — course M.C.

90
+69.6 to stake in marsh 28.8 to left
(24.0) by corrected line
87

88
+9.5 foot of hill edge of slough.
87
+0.5
86
+4.3
85

84
+0.5
83

82

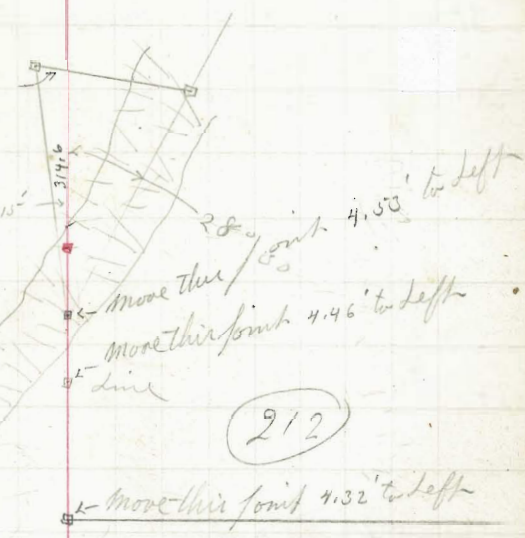
81

80

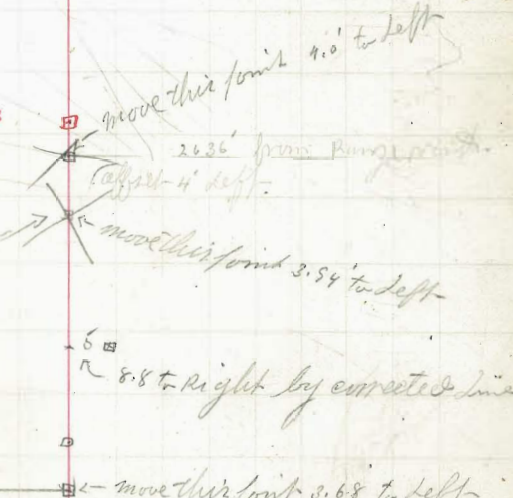
79
+02.3
78
+75
77
+75 Line
76

75
+47 scarf stake 5' to Right. Marked 17
74
+15
73
+40
72

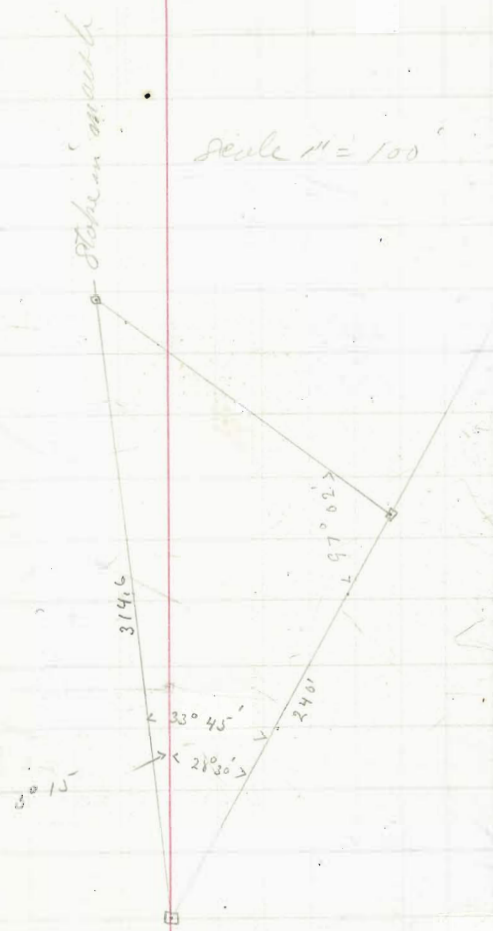
Stake in marsh
offset 28.8 to left



78.02.3
77.75
27.3



Sta	Def	Course	M.C

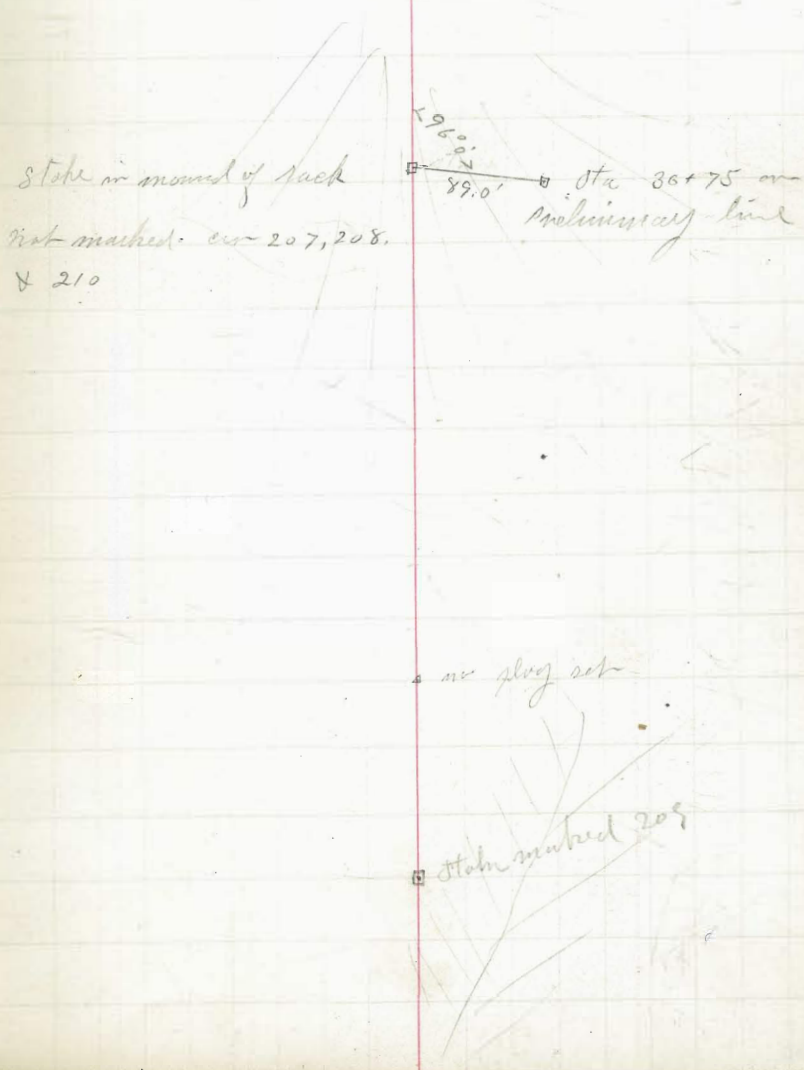


Preliminary line along the northwesterly line of Roseville

Sta	Course	Vert angle	Rod	Dist
16				
15				
14				
13				
12				
11 + 13.4	S22° 30'W	1° 50'	7.20	720.2
10				
9				
8				
7				
6				
5				
4				
3 +73.3		+2° 0'	7.40	740.1
2				
1				
0	N67° 30'W	-2° 30'	3.73	373.3

Sta 0 is a 3"x6" stake marked 209 which is the southerly cor of M & S add all courses are mag. starting with first course

by stadia



81a	course	vert angle	Rod	Hist
35				
34				
33				
32				
+76.4	S22° 30'	-1° 20'	5.785	579.3
31				
30				
29				
28				
27				
+55.8'	S22° 30' W	-1° 30'	5.20	520.6'
26				
25				
24				
23				
+59.5	S22° 30' W	+2° 20'	3.96	396.3
22				
21				
20				
19				
+33.6	S22° 30' W	-0° 50	4.25	425.9'
18				
17				

Plg

Plg.

Plg

Plug

trail

Stake & Plug. new.

Sta	Course	Vert Angle	Rod	Dist
+75	bottom of	Corner		
54				
53				
52				
+75.2		-0° 30'	7.51	752.0
51				
50				
49				
+15.1		-3° 0'	3.685	
48				
47				
46				
45				
44				
43				
+90.1	S 23° 17' W	+0° 40'	5.24	525
42				
41				
40				
39				
+29.1		+0° 40'	4.60	461
38				
+55.7	S 67° 43' E	+8° 30'	0.74	73.4
37				
36				

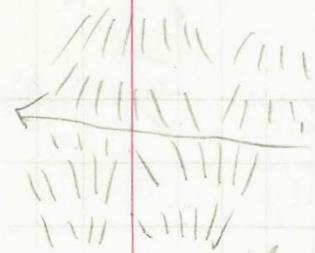
Plug & witness marked 20 the cor of 208, 209 & 210

Plg

Plg did not find or set Plug cor of 199, 200 & 208.

There is a line of old stones to right but do not line up.

Sta	Course	Vert Angle	Rod	Dist
73				
72				
+26.6 71	S22°30'W	+0°40'	4.58	459'
70				
+02 69	N68°20W	+4°30'	2.25	224.6'
68				
+47.9 67	×S22°45'W	0° -50'	1.53	154
66				
65				
64				
63				
62				
61				
60				
+27.2 59		+1°10'	8.20	820.7
58				
57				
56				
55				



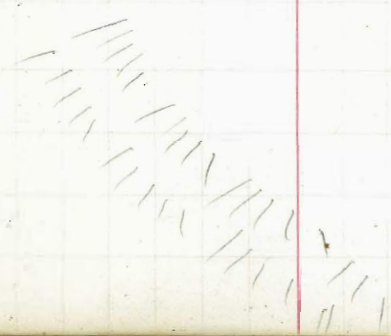
sep Plug in old stake bal cor of 200, 197 & 198

scarf stake the southerly cor of P.L. 200, also cor of 199 & 198

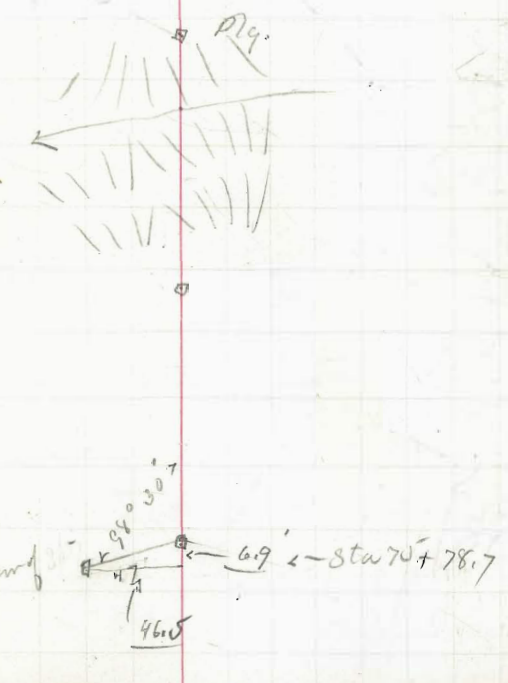
Plg.

(needle S23'W)

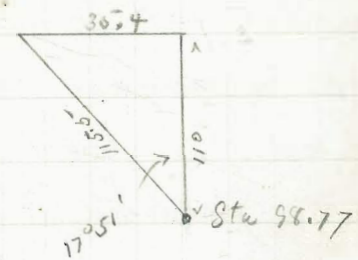
Plg

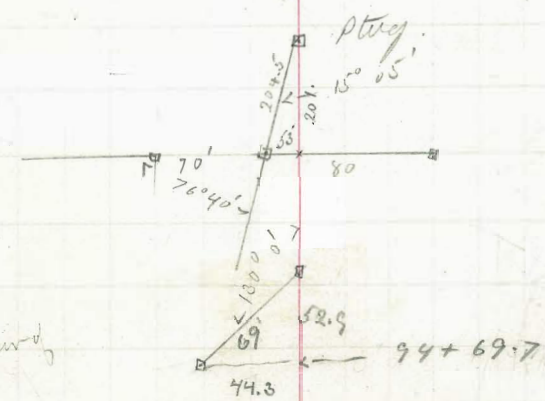


Sta	course	vert angle	Rod	Rest
92				
91				
90				
+90.6' 89		-0° 30'	5.31	5.32.0
88				
87				
86				
85				
84 +87.6		-1° 0'	6.02	6.03
83				
82				
81				
80 + 86.6		+0° 30'	4.00	4.01
79				
78				
77				
76				
75 +85.6		+0° 30'	4.00	4.01
74				



103				
102				
101				
100				
99				
98 +77				
97				
96				
95 +22.6		-8° 50'	3.62	354.4
94				
93				





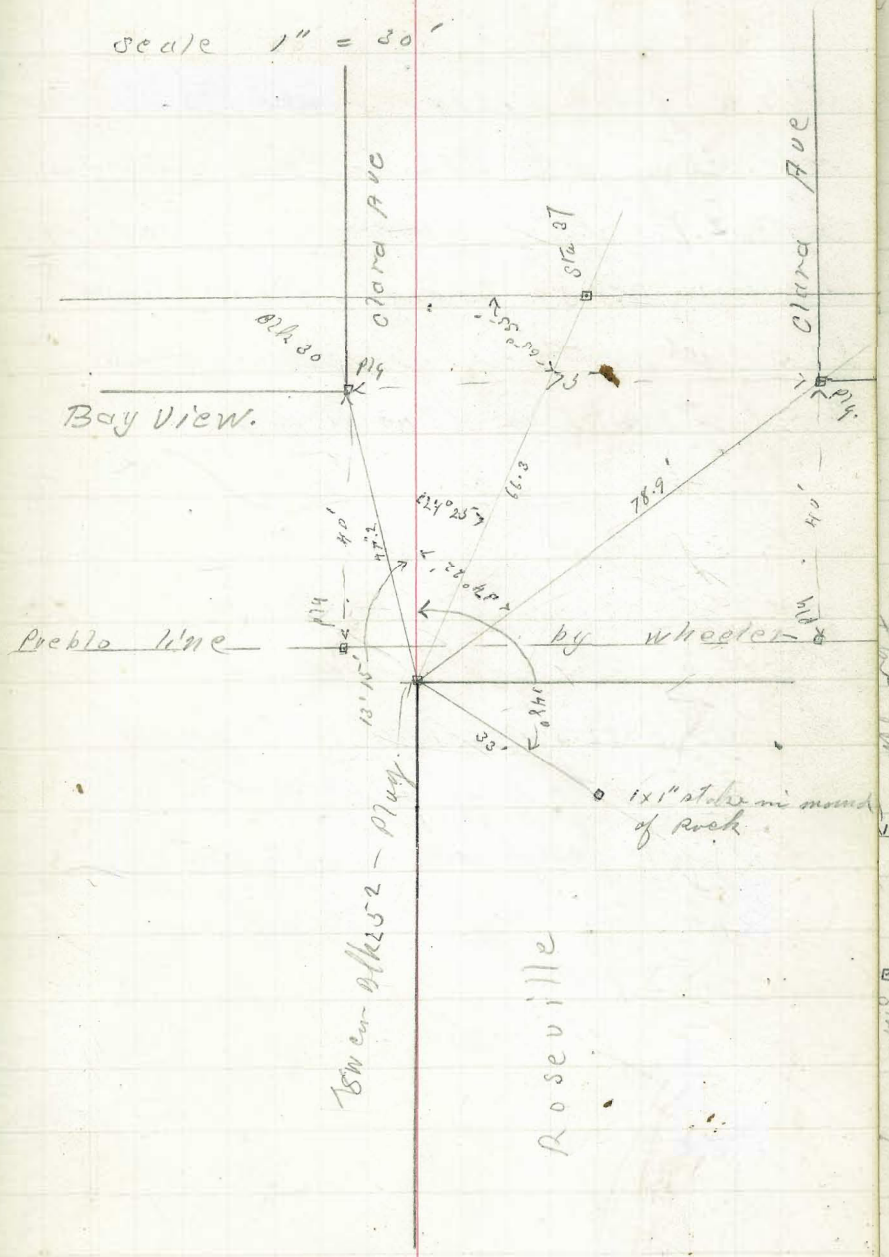
1 x 1" stake cord

See Page 38

Sept 7 1892
Humbert Party

Set up on the N.W. cor of blk 192 in Roseville, which is an unpainted scuf stake marked 24th St on North, 192 on N.East B.S. To similar stake on North side of 22nd St, found line to bear N 22° 15' W mag, produced line north found stake on north side of 24th 70', thence 200' found stake on South side of 25th St, thence measured north to the NW cor of Blk 252 (Took the measurements shown in sketch on opposite page) Thence 90° to Right (S 67° 45' E mag)

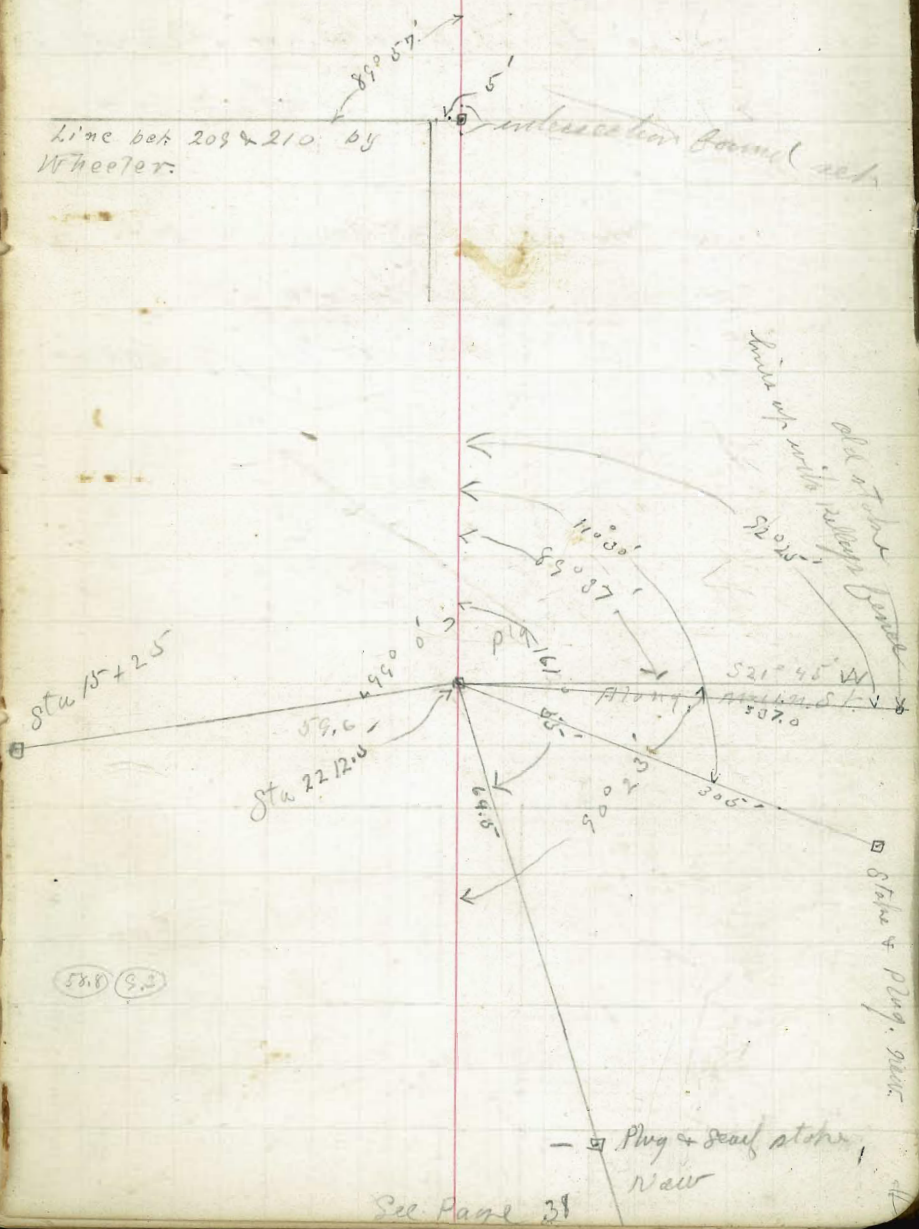
See next page



At a point 1278' East from the N.W. cor of Blk 252, in Roseville intersected the line between 209 & 210 by Wheeler 89° 57' to left along said line 5' North to intersection set fence cor. (See sketch on opposite page)

Measured 2212.5 set plug the N.W. cor of Blk 246. on the East side of Main St. Did not find any points along the line, Def 89° 37' to the S.E. cor of Main & 6th St.

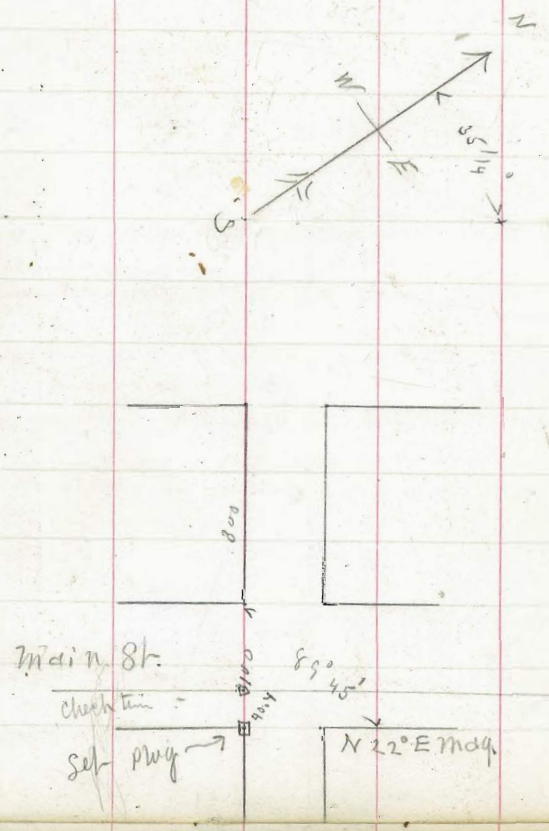
Scale 1" = 30'

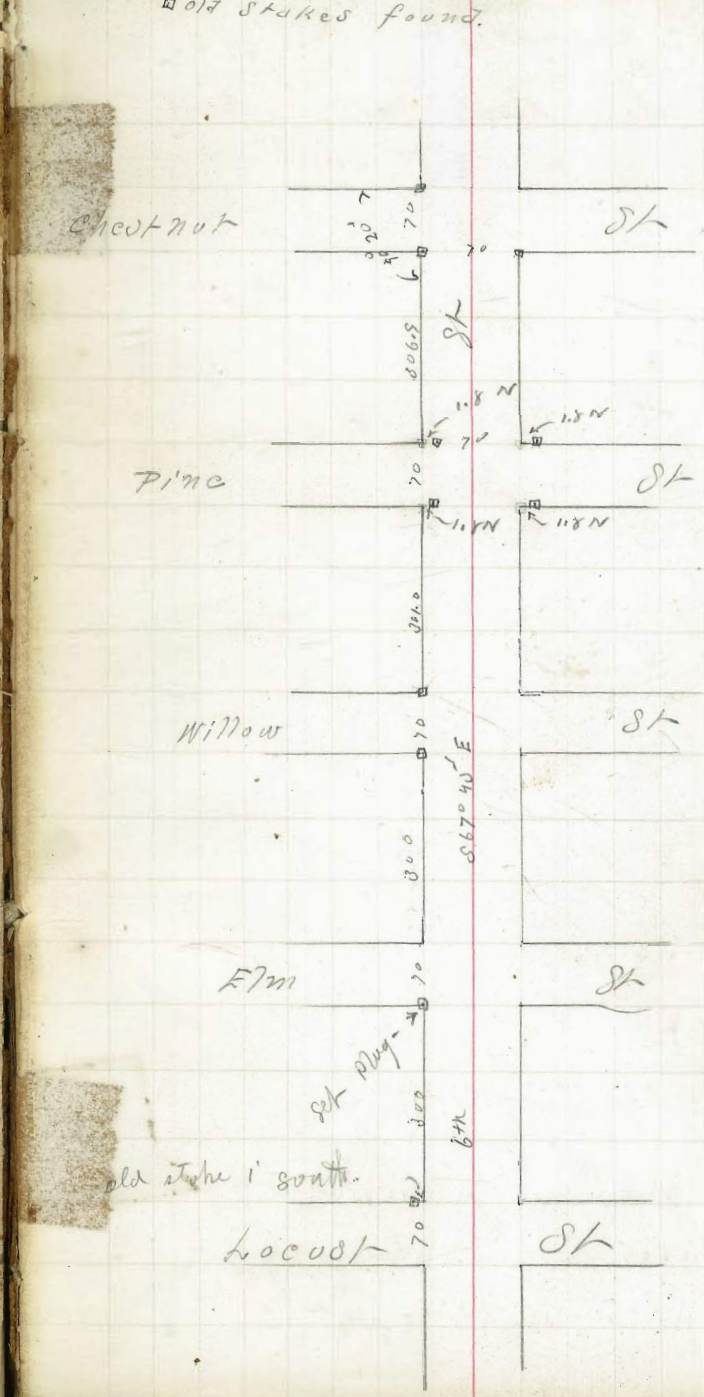


See Page 38

Set up on the SW cor of Chestnut & 6th. F.S. to cor 2 blocks S out. Turned 90° 20' to stake at SW cor of Willow & 6th measured as shown in sketch.

Angle at the SE cor of Main & 6th F.S. to SW cor of Willow & 6th 89° 45' to SW cor of Main & 30 st





Line bet Pueblo Lots, 208, 207, 206, 205 204. and, 199, 200, 201, 202, and 203. By Claytons Map.

Sta	Def	course	M.C.
16			
15			
14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
+5'	Bottom of canon		
1			
0	90° 0' W		S22°05' W at. 9. AM

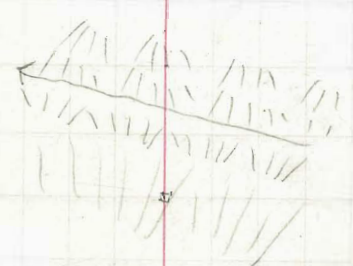
Sta 0 = sta 15+25 on Line bet 208 & 209

B.S. to Sta 11+25 Def 90° to Left

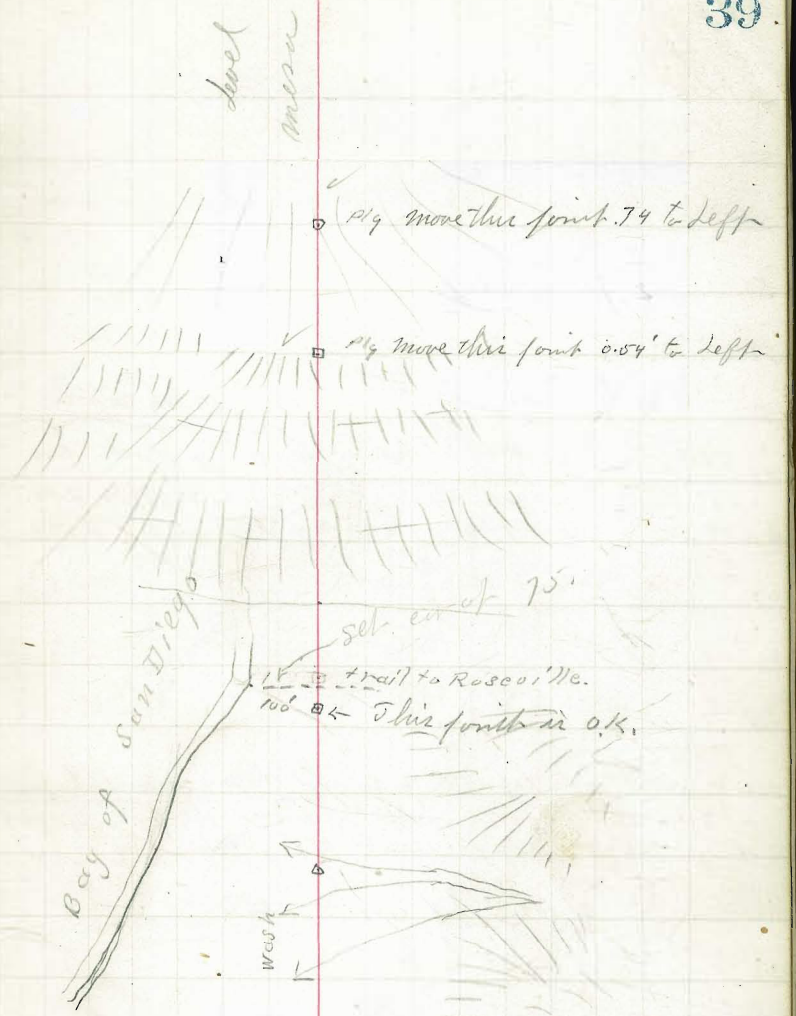
Sept 8 1892

Hamlin Nunset
Williams } Chain
Shaw }
VanHook

Plug.

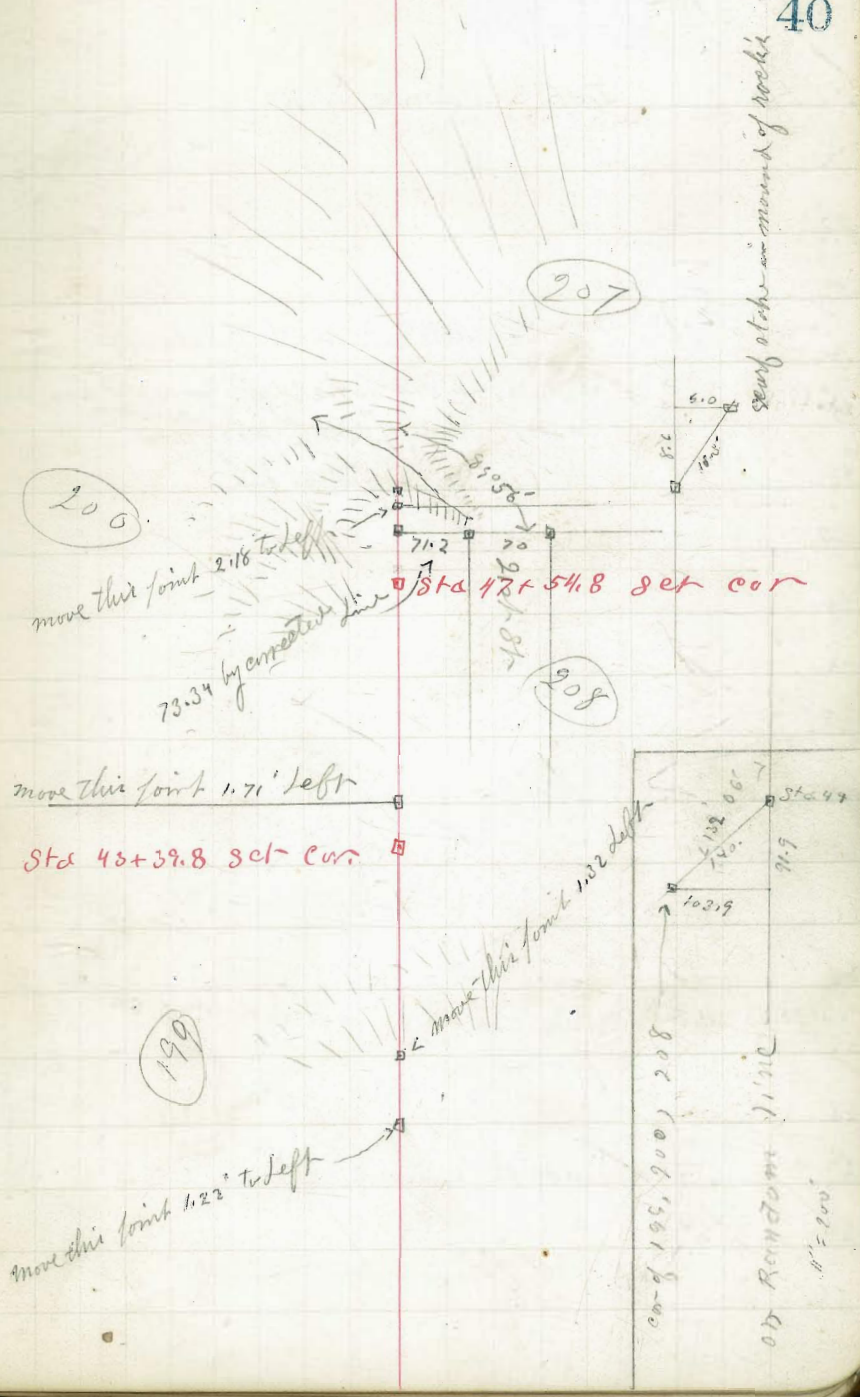


Sta	Def	Course	M.C.
35			
34			
33			
32			
31			
30			
29			
28			
27			
26 +40	90° to R.		N 67°45' W at 10. AM
25			
24			
23 +89			
22			
21			
20			
19			
18			
17			



Rate of correction for random line .000972 – 1.0'

Sta	Def Course M.C.
54	
53	
52	
51	
50	8.2 by corrected line
49 +8.6	scarf stone in mound of rock 6.0' to Right
+85	set Plug for cor of 207, 208 & 200
48 +42 <	Line of old st three west of Roseville
47	
46	
45	
44	set plug cor of 199, 200 & 208
+08.1	103.9' Left to cor of 199, 200, & 208.
43	Cor of Loma Heights
42	102.3' by corrected line
41	
40	
39	
38	
37	
36	



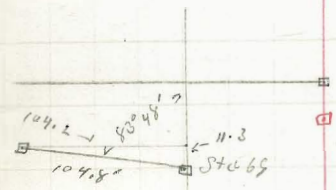
Sta	Def	course	M.C.
73			
72			
71			
70 +40	Set Plug cor of 200, 201, & 207		
69 +11.3	at Sta 69+11.3 – 104.2' Left to cor of 200, 201 & 207. cor of Loma Heights (100' by corrected line)		
68			
67			
66			
65			
64			
63			
62			
61			
60			
59 +50		N67°40'W at 1 PM	
58			
57	Crossed Pt Loma Pipe line		
56			
55			

75 25
73948
130.2

69798
415
73948

201

Sta 73+94.8 Set cor



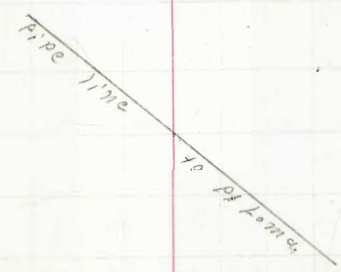
move this point 4.28' Left

Sta 69+79.8 Set cor

207

200

Plg move this point 3.22' to Left



Sta	Def	course	M.C.
92			
91			
90			
89			
88 +10.7 checked	check line		
87			N 67° 40' W
86			
85 +60			
84			
83			
82			
81 +65			
80			
79			
78			
77 +85			
76			
75 +25	set plug cor of 206. 207 & 204		
74 +55.3	at Sta 74+55.3 — 104.9' left to scarf stake marked S.E. 206. 100.2 by corrected line		

7155
6911
544
415
137

8560
7394
1164

~~move this point 6.37' to left~~ ~~75~~ Last point set Sept 8

move this point 6.03' to left

offset at this point .60 to left

move this point 5.89' to left

201

wash

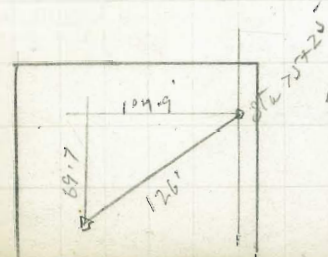
trail

move this point 5.00 to left

206

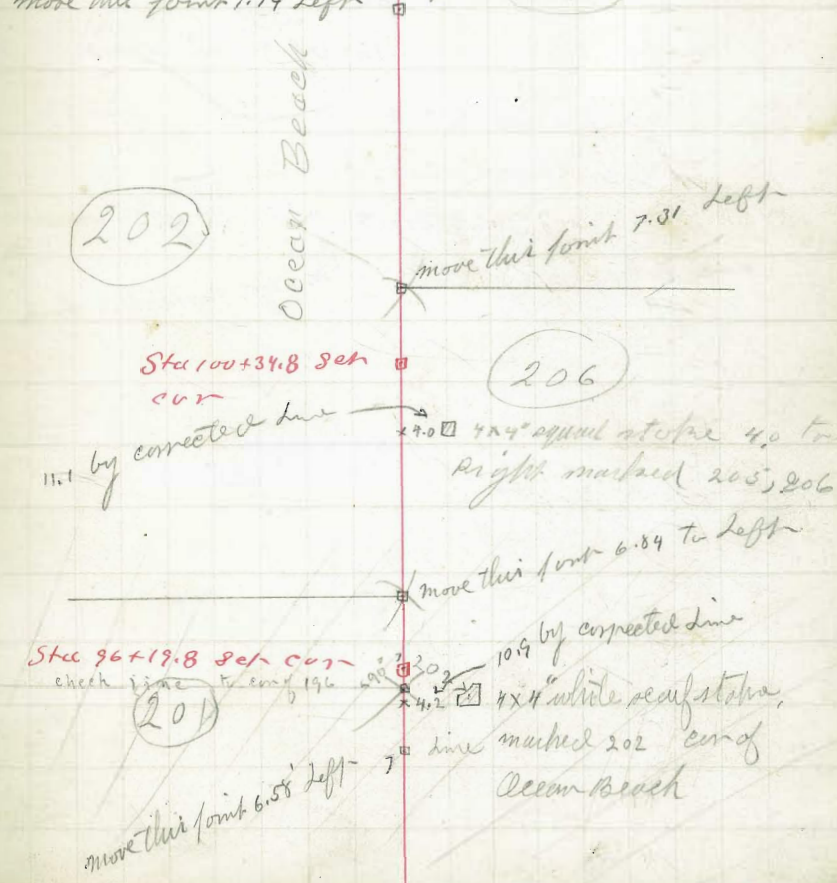
move this point 4.75' to left

207

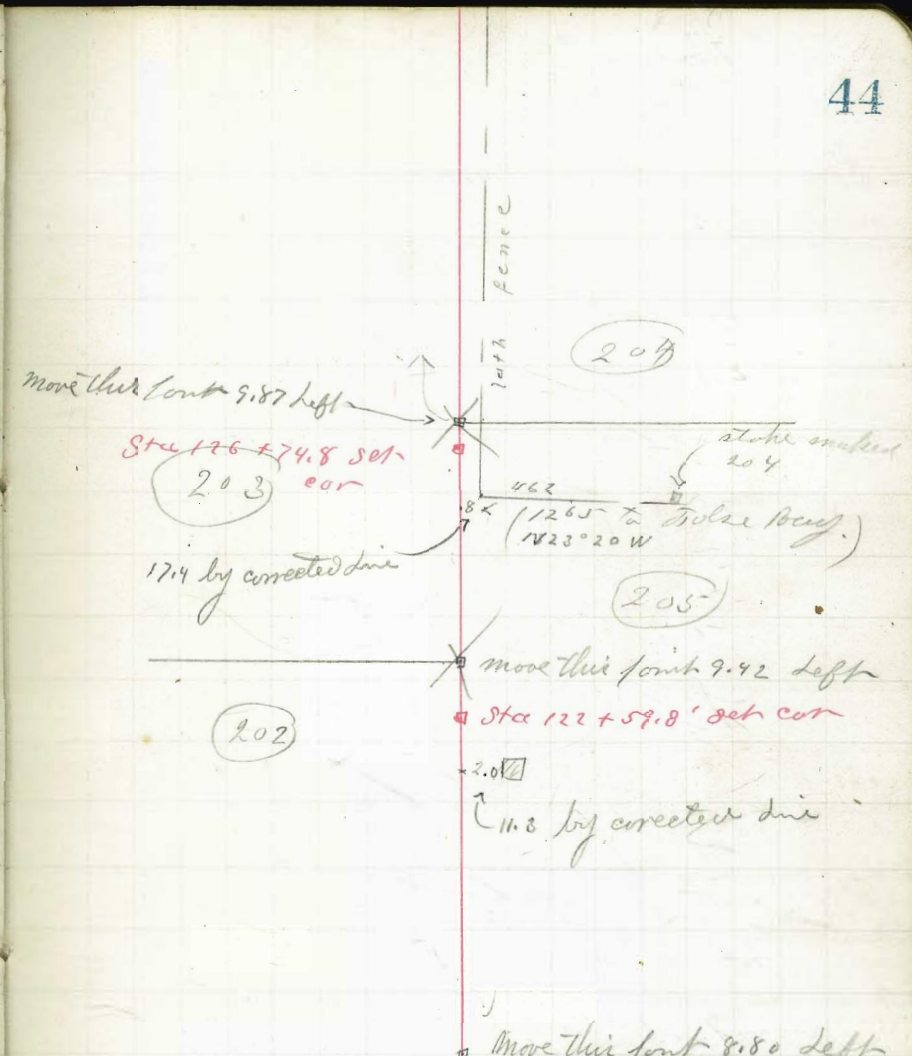


Sta	Def.	Course	M.C.
111			
110			
109			
108			
107			
106			
105			
104			
103			
102			
+65			
101			
100			
99 +28	4x4" stake 4' to Right		
	11.1 by corrected line		
98			
97			
+80			
96			
+27			
95 +04	4.2' Right to cen of 202.		
	10.9 by corrected line		
+15			
94			
93			

Sept 13 from Sta 32 to Ocean

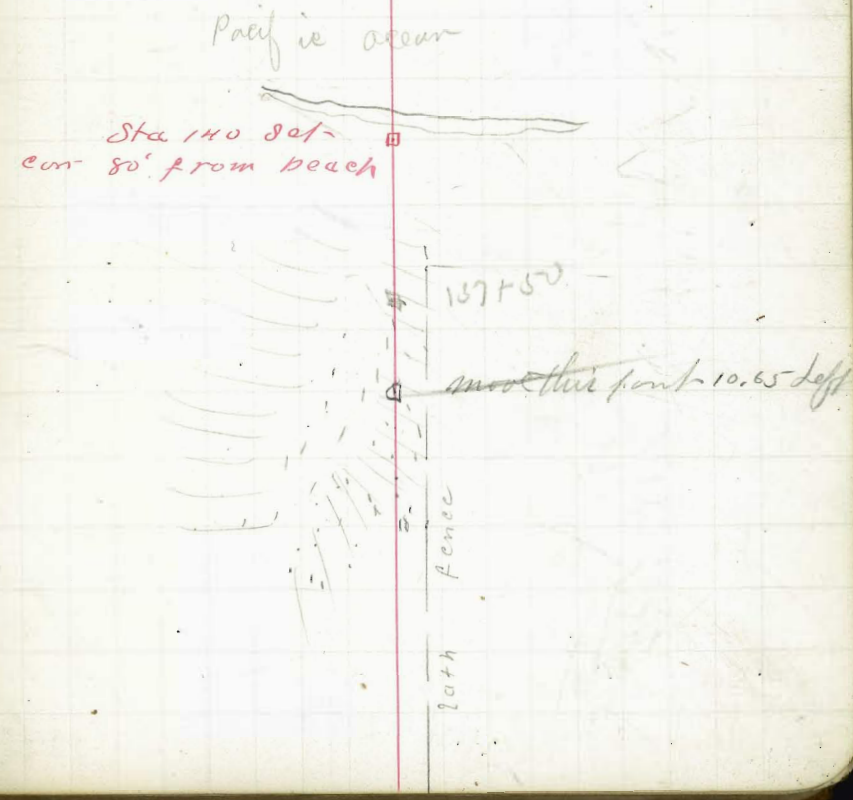


Sta	Def	Course	M. C.
130			
129			
128 +05			N67°30'W
127			
126 +82	Cor of fence 8' to Right. 17.4 by corrected line		
125			
124			
123 +20			
122 +58	4x4" scaf stake 2' to Right marked 202, 203, 11.3 by corrected line		
121			
120			
119			
118			
117			N67°30'W
116			
115			
114			
113			
112			



140.88
128.05
12.83

Sta	Def	Course	M.C.
+88			
140			
139			
138 +30	End of fence		
137			
136			
135			
+70	foot of Sand hills		
134			
133			
132			
131			



Check Line bet North line of 201 and South line, of 212, across Lot 206.

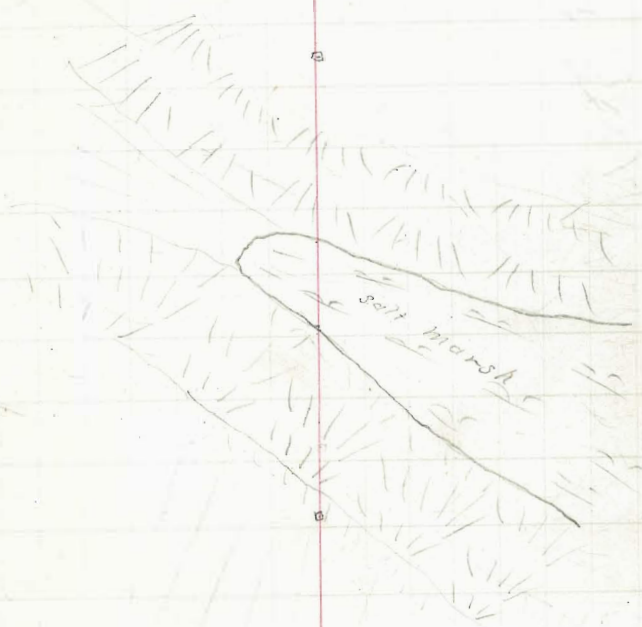
Sta	Def	course	M.C.
17			
16			
15			
14			
13			
12			
11			
+15 10			
9			
8			
+50 7	Bottom of canon		
6 +15	Bottom of canon		
5			
4			
+50 3 +20	Brow of hill		
2			
1			
0	85°33' L		S22°40'W at 9. A.M.

Sta 0 = Sta 76 + 75 on line bet Lots 201 & 206 (see Page 27)

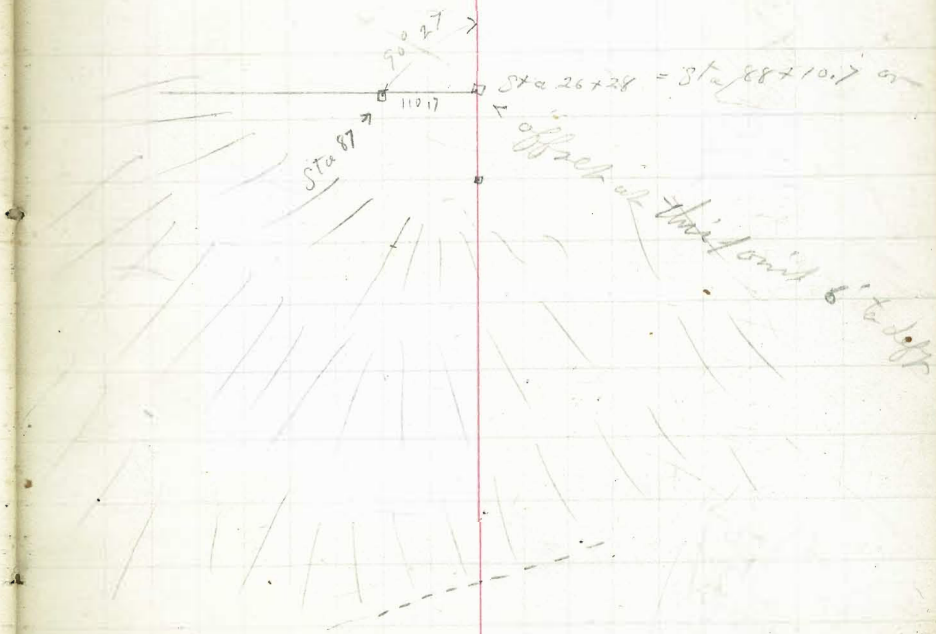
B.S. along said line Def 84°33' to Left

Sept 19 1892

Hamlin transit
Williams } chain
Shaw
Van Hook



26	+ 38	90° 27' L
25		
24		
23		
22		
21		
20		
19		
18	+ 65	



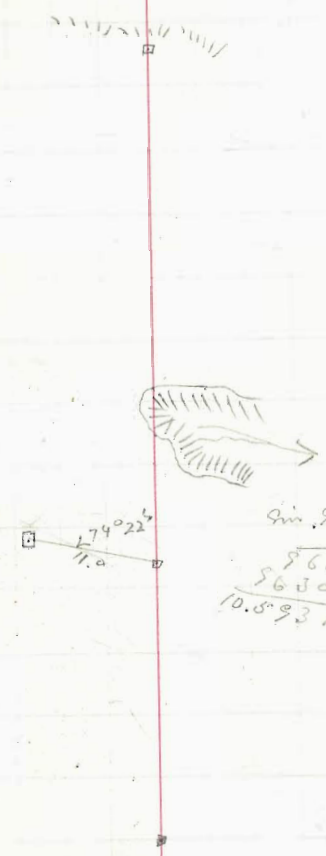
Check line from Northerly line of 201 to Southerly line of 196 run near the

Sta	Def	course	Mc	
16			S22°40''	at 1 AM
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3				
2				
1				
0	90° 0' L		S22° 40	at 12 AM

Sta 0. = Sta 95+27 on Northerly line of 202 F.S to Sta 101+65 Def 90° to Left

Easterly line of Ocean Beach
Sept 19 1892
Hamlin & Parkes

Sta	Bef	Course	M.C.
35			
+60			
34			
33			
32			
31			
30			
29 +40	Bank of Wash		
+40	Bank of Wash		
28			
27 +49.9 ← +47	4x4" scarf stake 10.6' to left cor of Ocean Beach		
26			
25			
24			
23			
22			
21			
20			
19			
18			
17			



4x4" scarf stake marked 202, then of Ocean Beach

Sin .96301
11
96301
96301
10.59311

Cos
.26498
11
26498
26498
2.91478

Sta	Hef.	Coarse	M.C.
+87			
52			
51			
50			
49			
48			
47			
+.25			
46			
45			
44			
43			
42			
41			
40			
39			
38			
+18			
37			
36			

falls 4' north of S.E. cor of Ocean Beach

Line bet Pueblo lots, 199, 200, 201, 202, 203 and 158, 157, 196 & 195

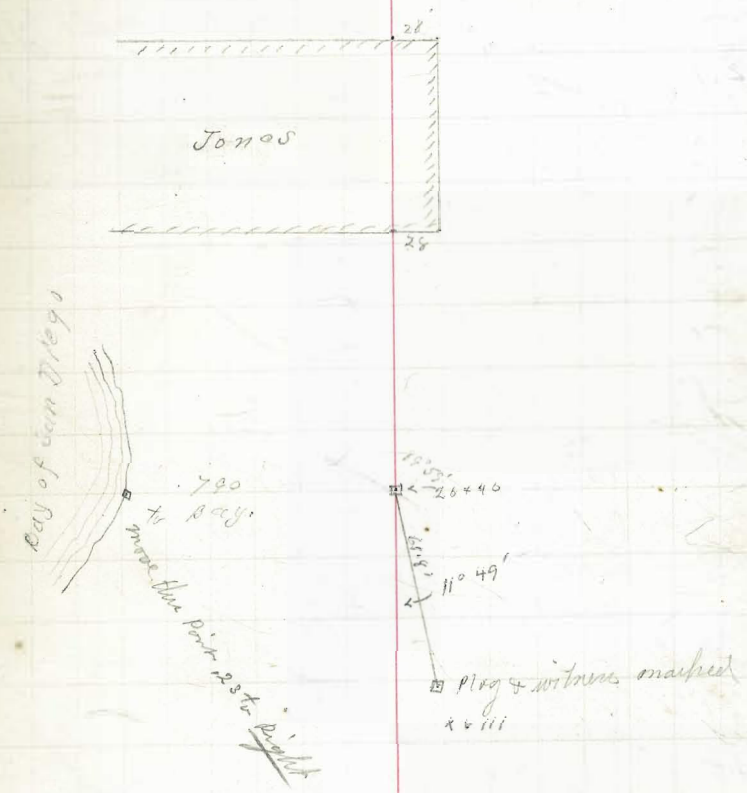
Sta	Def	course	M.C.
16			
15			
14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1			

Sta 0 = Sta 26+40 on line 208 & 158. B.S. to Sta 15+25 bet lots 208, 209

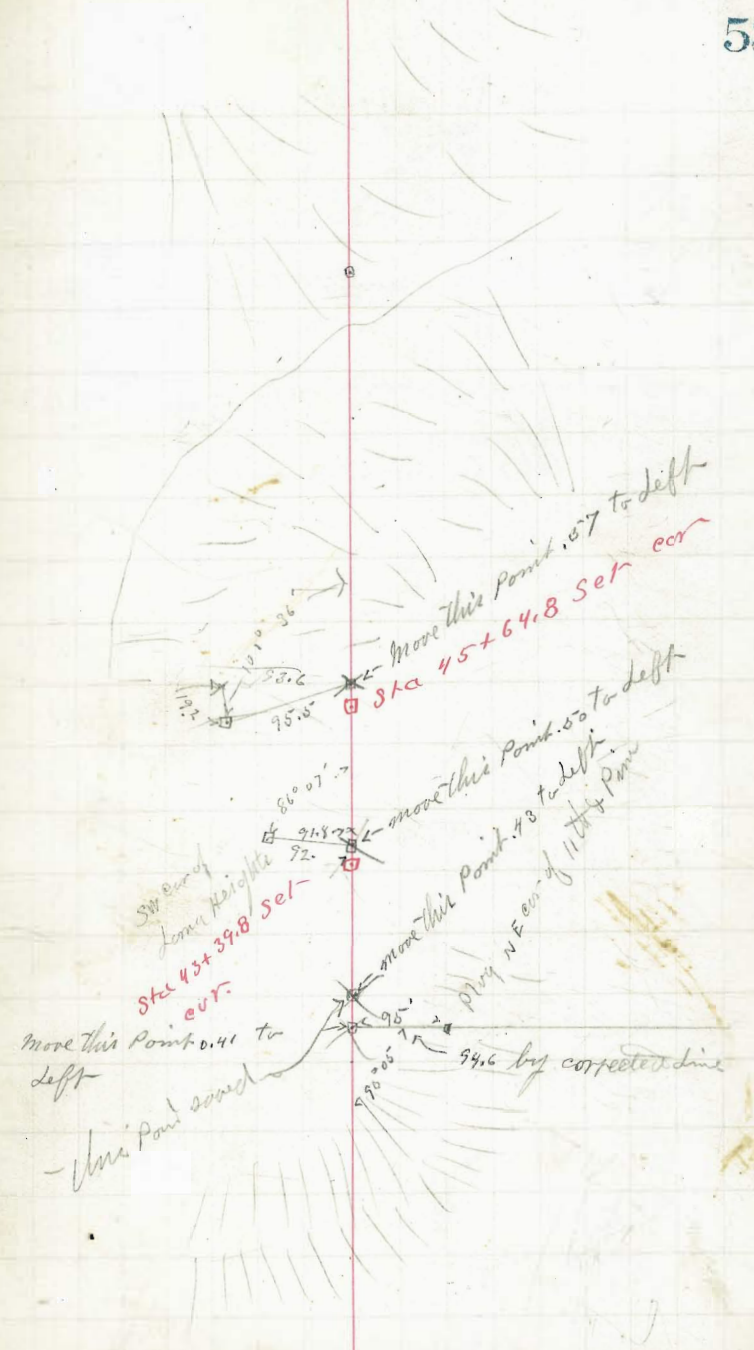
Sept 20 1892

Hamlin Transit
Williams } chain
Shaw
Van Hook

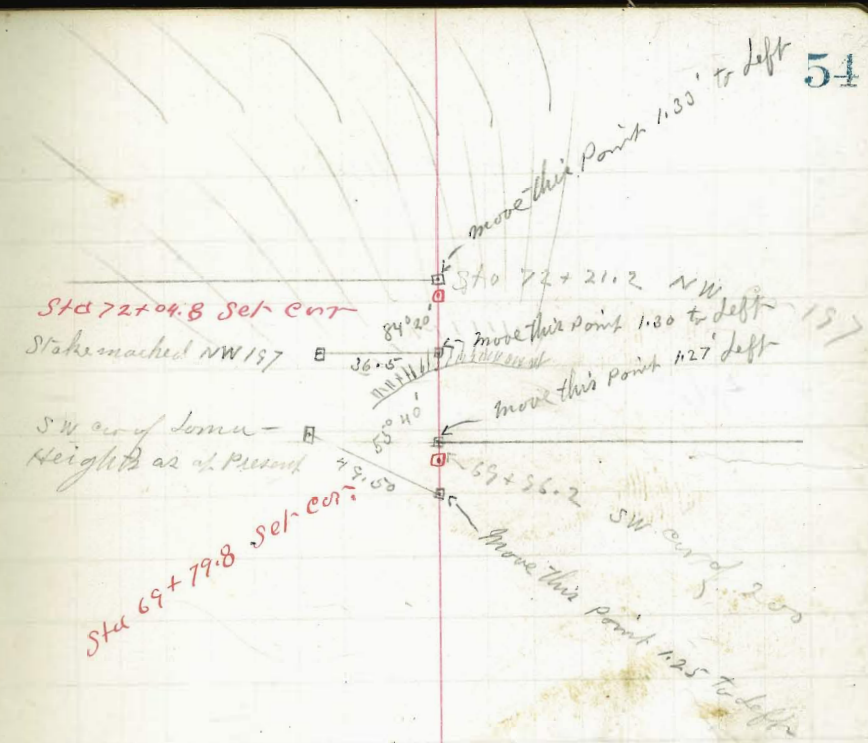
Sta	Def.	course	M. C.
35			
34			
33 +19	crossed	line of	fence
32			
31			
30 +17.5	crossed	line of	fence
29			
28			
27			
26 +40	89° 59' R		N 67° 50' W
25			
24			
23			
22			
21			
20			
19			
18			
17			



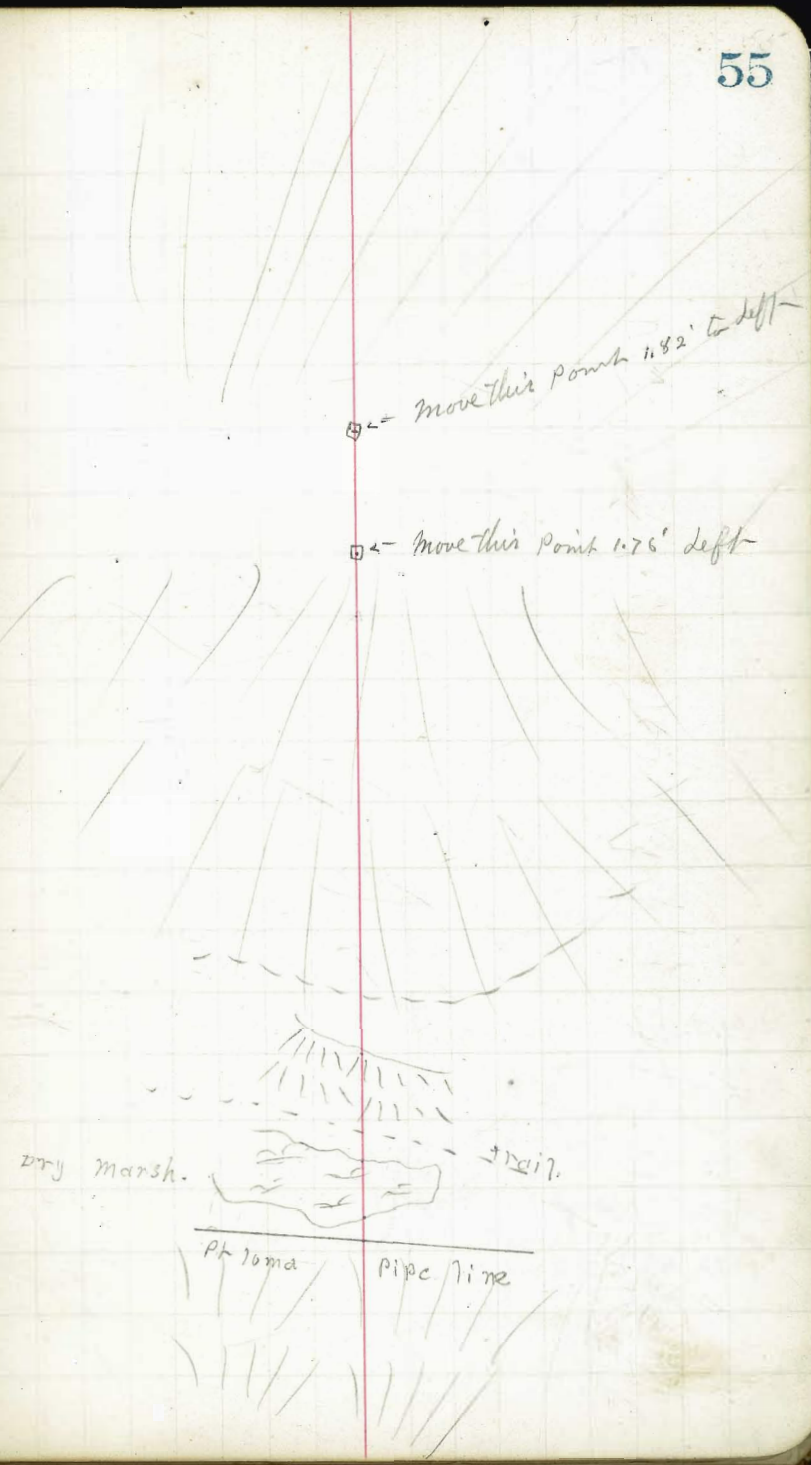
Sta	Def course M.C.
54	
53	
+11.5 52	old 1x1" square stake (.75 to Right by) (corrected line)
51	
50	
49	
48	
47	
46 +80.8	93.6' Left to NW cor of
45	(93.0 by corrected line)
+67	(old 1x1" stake 1' N of line)
44 +56.2 +50	91.8' Left to S.E. cor of 201.
43	(91.3' by corrected line)
42	
41 +61.8	S67°45'W
40	Top of hill
39	
38	
37	foot of hill
36	



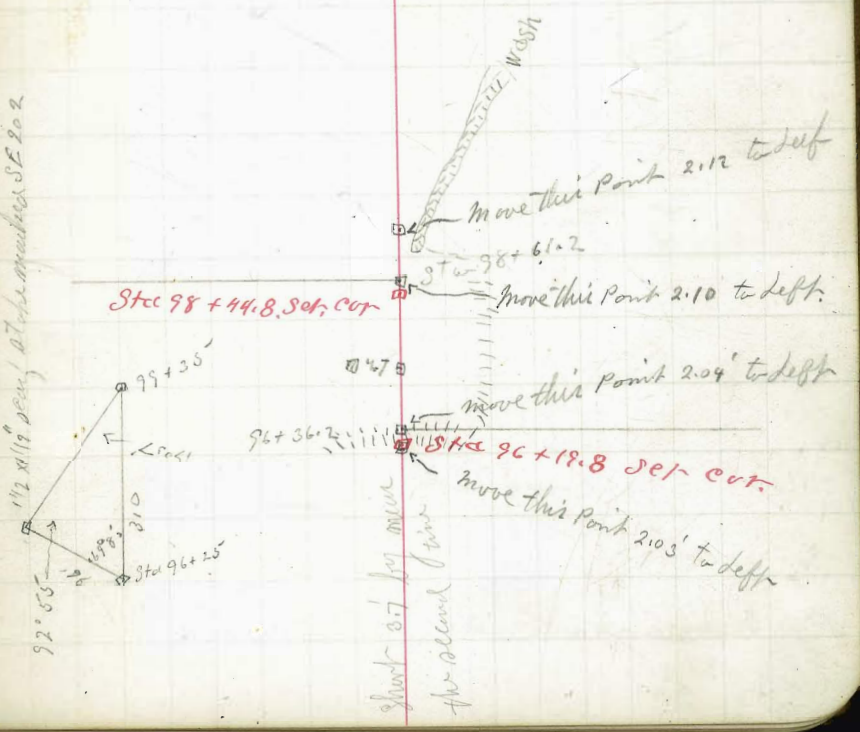
Sta	Def	course	M.C.
73			
72 +21.2			
+29.6 +26 —	36.3' Height to stake NW cor 197 (35.0 by corrected line)		
71			
70 +20			
69 +27.9 < —	40.9' to left to S.W. cor of 200, N67°35'W (35.7 by corrected line)		
68			
67			
66			
65			
64			
63			
62			
61			
60			
59			
58			
57			
56			
55			



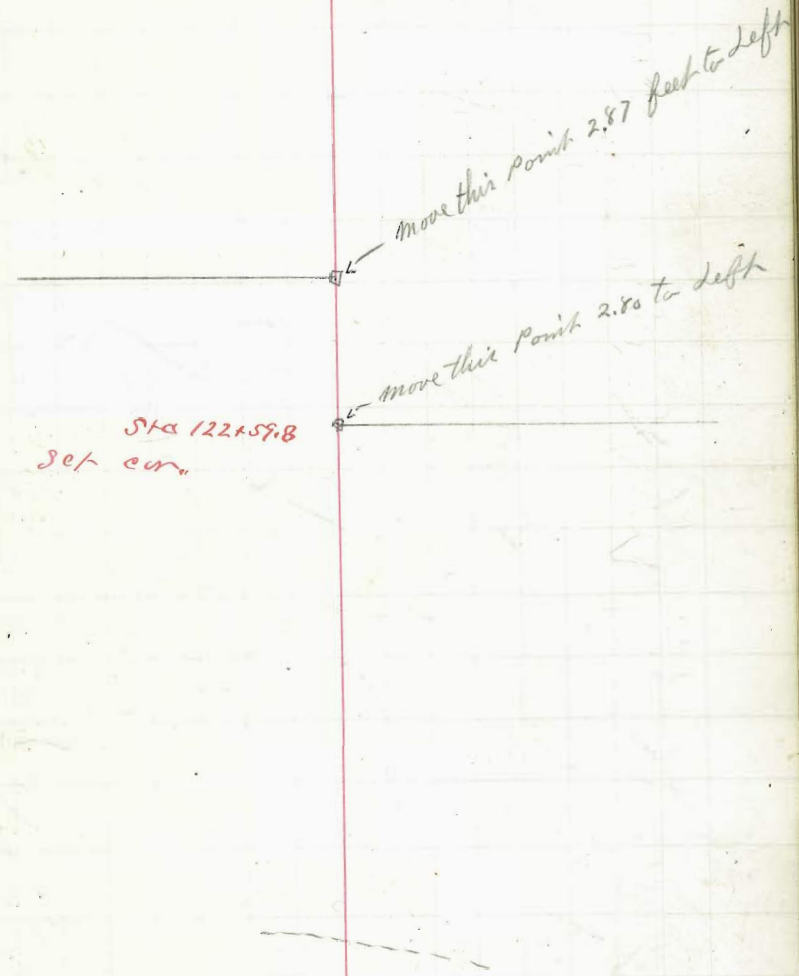
Sta	Def course	M.C.
92		
91		
90		
89		N67°30'W
88		
87		
86		
85		
84		
83		
82		
81		
80		
79	Top of steep bank	
78		
77 +35		
76 +85 +15	Crossed Pt Loma pipe line	
75		
74		



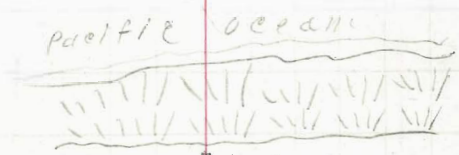
Sta	Def	course	M.C.
111			
110			
109			
108			
107			
106			
105			
104			
103			
102			
101			
100			
99 + 35			N67° 25' W
98 + 61.2			
97 + 35			7" square scarf stake 4.7' to left the NW cor of 196.
~~+ 36.2~~			
96 + 25			top of bank (.0K by corrected line)
95 + 18.5			2' to right to Sta 26+47 on check line see Page 49
+ 07.5			4.9 to cor of 202 (2.9 by corrected line)
94			
93			



Sta	Def	course	M.C.
130			
129			
128			
127			
126			
125 +01.2			
124			
123 +76.2			N67°15'W
122			
121			
120			
119			
118			
117			
116			
115 +80	Crossed trail		
114			
113			
112			N67°20'W



Sta	Def	course	M.C.
+80 +75			N67° 35'W
134			
133			
132			
131			



Sta ~~134+70~~ Set ← move this point 3.15 left

cor. 134+65

Line along southerly line of Pueblo
Lots 198, 197, 196, 195,
Sta Def course M.C.

15

14

13

12

11

10 +19 — 5.2' to left Plug & scarf witness stake marked XXII
Probably Wheelers base line on Main St

9

8

7

6

5

4

3

2

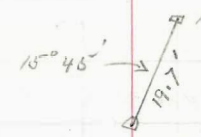
1

0 S22° 30' E

Sta 0 = Sta 26+46 on line run from ovinth line
of Pueblo lot 199, to S line of 199,
D.S. to Sta 11+25 on line bet 208 & 209

Sept. 21 st 1892

Hamlin
Williams
Shaw
Van Hook.



Plug & witness marked XXII, Probably wheelers Base line on Main St

Sta	Def	Course	M.C.
34			
33			
32			
31			
30			
29 +31.2 +00.5	74.10' left to cor of		187
28			
27			
26 +40	89° 59' R		N67° 30' W
25 +79.5 +41.5 } Hotel			
24			
23			
22			S22° 30' W
21			
20			
19			
18			
17			
16			

2640
291.2
2931.2

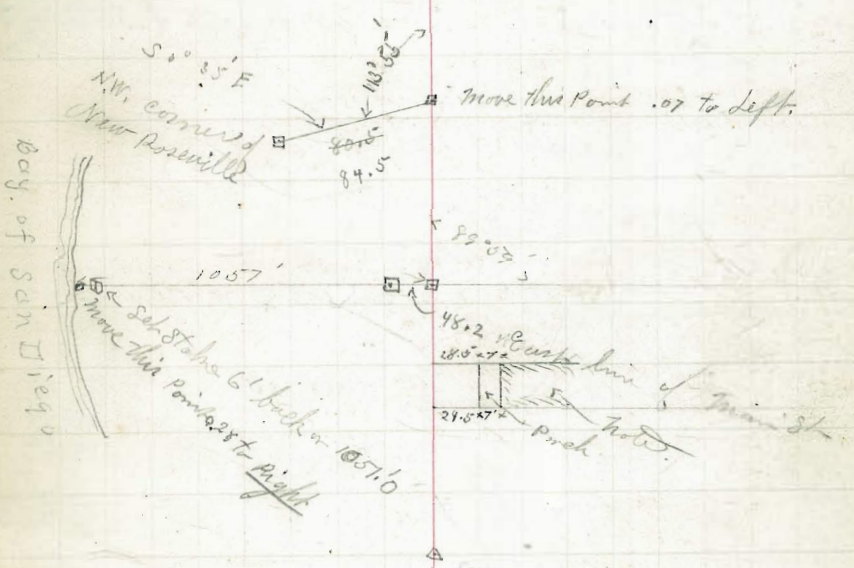
2930
2640
290

2905

48.2
28.5
76.7

100
37
23

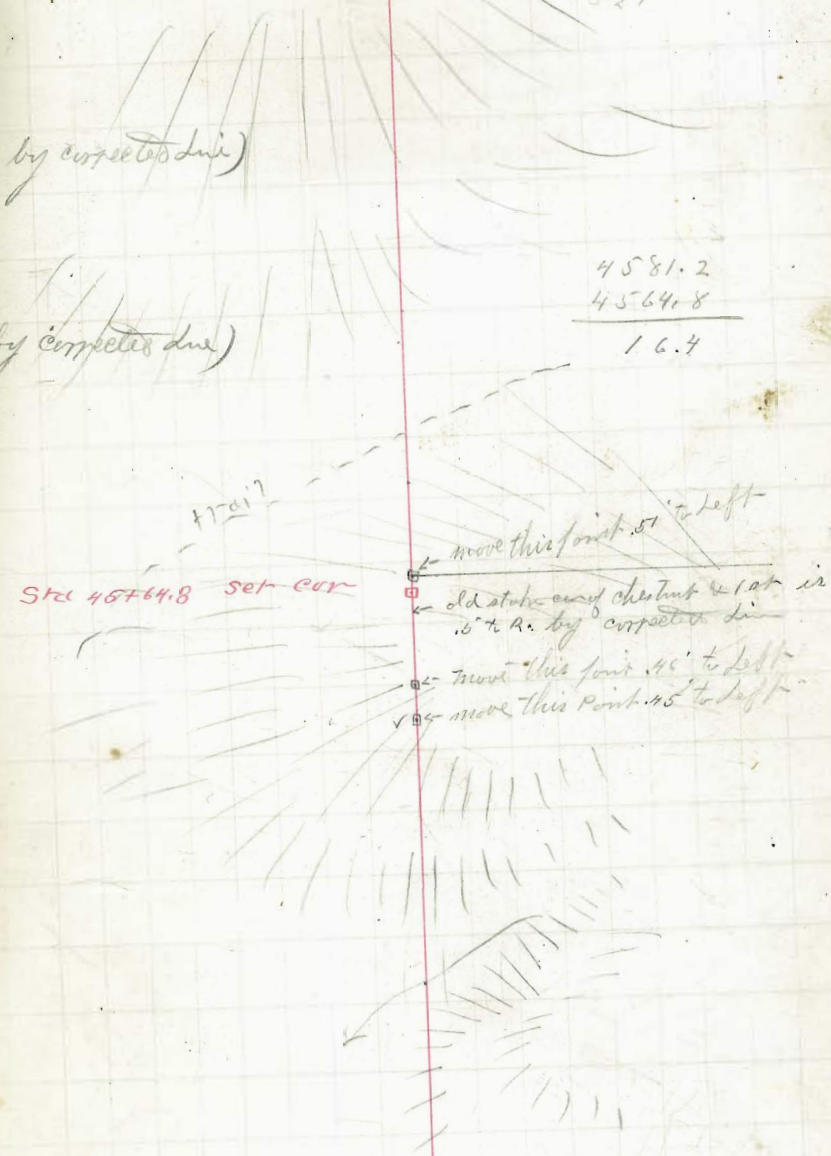
105.2
28.5
133.7



Sta		Def	course	M.C.
53				
52	+05	1½ x 1½" stake .8 Right (1.5 to Right by corrected line)		
51				
50	+60	foot of hill		
49	+02.5 ✓	1½ x 1½" stake 1.5 Right (2.1' to Right by corrected line)		
48	+70	trail		
47	+20	Bottom of hill		
46				
45	+81.2 +41.8	1 x 1" stake N.W. cor 1st & Chestnut in Roseville		
44	+50		N67°30'W	
43				
42				
41				
40				
39	+30			
38				
37				
36				
35				

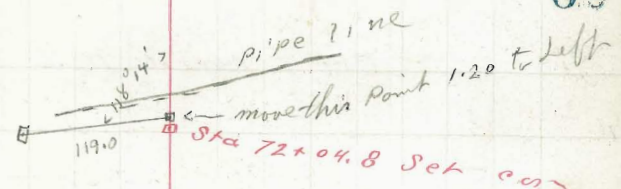
4902
45.81
321

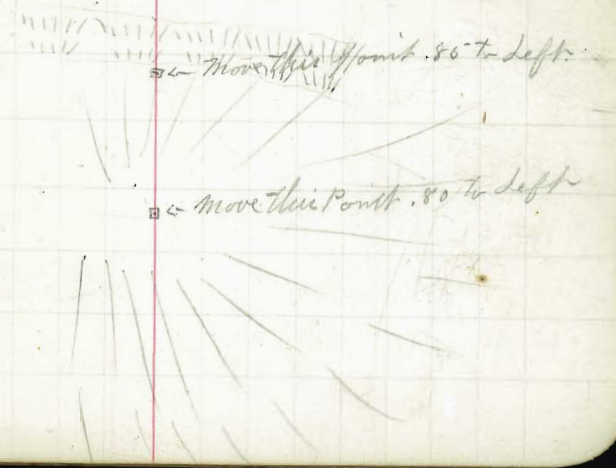
4581.2
4564.8
16.4



Sta	Def	Course	M.C.
	crossed Pt Loma Pipe line at 72+26		
72 +21.2	at Sta 71+65 – 104.8' to SE cor of 197		
	(V 103.6' by corrected Line)		
71			
70			
69			
68			
67			
66			
65			
64			
63			
62			
61 +60	Bottom of hill		
60 +50	Bottom of hill		
59 +75		N67°25'W	at 9 AM
58			
57 +76			
56 +87	1 1/2 x 1 1/2" stake down. about 2.5 Right		
55			
54			

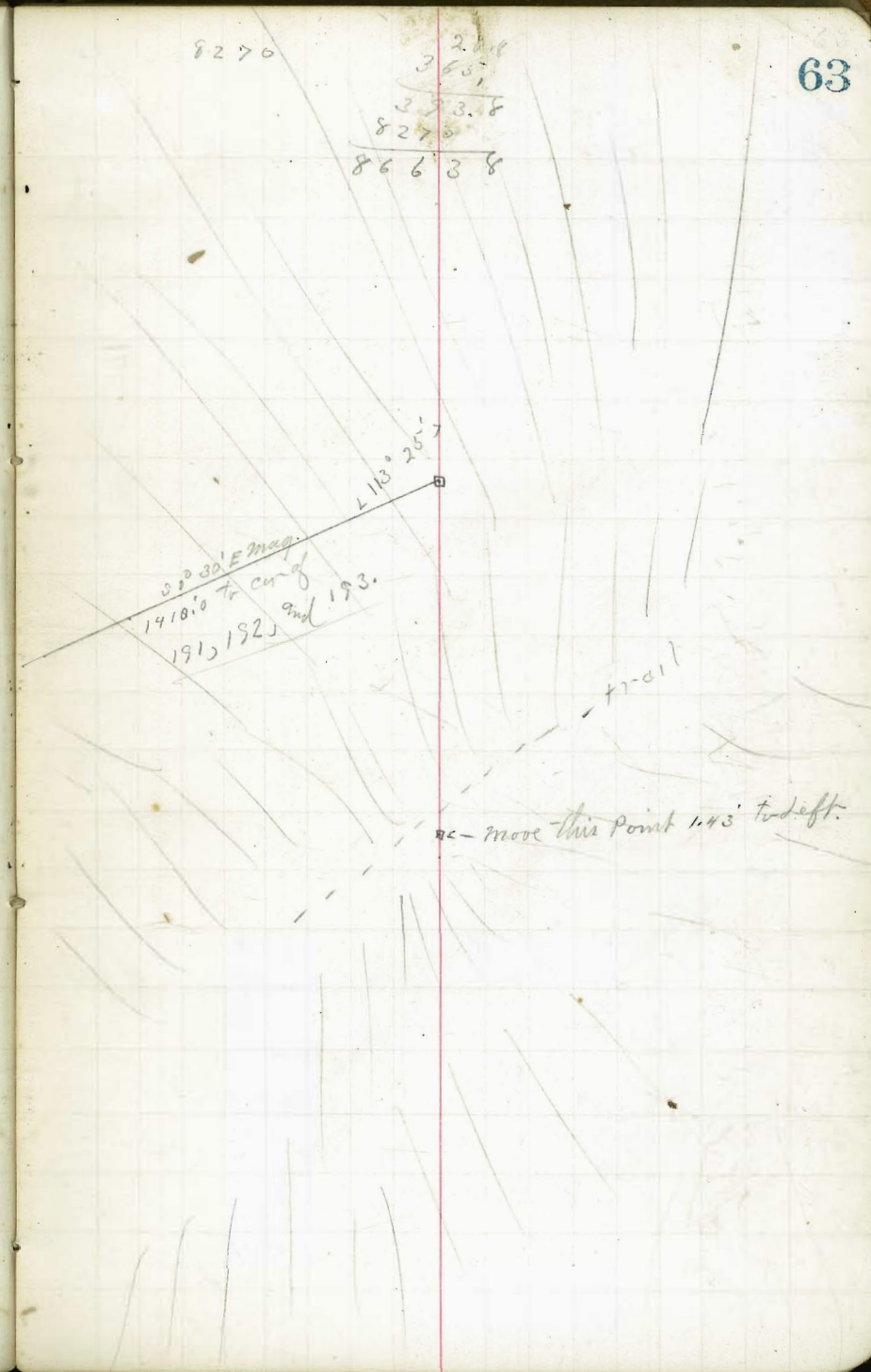
Stake marked 197 on East side





(3.3 by corrected Line)

Sta	Det	course	M.C.
91			
90			
89			
88			
87			
+ 63.8			
86			
85			
84			
83			
82			
81			
+ 81	top of hill		N67°15'W
80			
79			
78			
77			
76			
75			
74			
+ 23			
73			



S	Sta	Def	course	MC
7	110			
71	109			
70	108			
69	107			
68	106			
67	105 +93			N67°05'W at 2.30 PM.
66	104			
65	103			
64	102			
63	101			
62	100			
61	99			
60	98			
59	97 +34	5.6 To left S.F. cor of Oscar R each (3.7 by corrected line)		
58	96			
57	95 + 16 (+17.4) → Sta 52+87 on check line 1.8 left			
56	94 +71.4			N67°10'W at 1 PM
55	93	O.K. by corrected line		
54	92			

9845
9516
329

9844.8
9726
118.8

9844.8
7204.8
2640.0

□ ← move this Point 2.08' to left.

9944.8
9726.0
218.8

98 + 44.8
□ Sta ~~99+44.8~~ Set cor

4x4" scarf stope → □ 5.6 ← move 1.8'6 to left.
marked 195

3.7' by corrected line

~~1.8~~
□ move this Point 1.79' to left

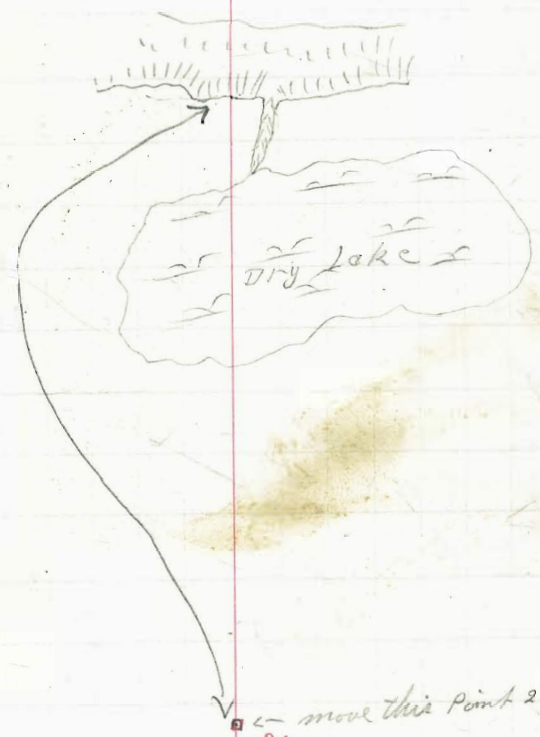
116+80
105+65
11 15

11 00
760
040

Sta
72 +2
71
70
69 116 +80
68 125
67 124
66 123
65 122
64 121
63 120
62 119
61 118
60 117
59 116 +80 88
58 115
57 114
56 113
55 112
54 111

N67°15'W

mistake of one tally which was corrected.



← move this Point 2.36' to left

Sta 116+75 set cor from shore

Set up at the S.W. cor of 2nd & Chestnut
B.S. to 4th & Chestnut the SW cor
Cors on west side of 2nd St line at
thence (S 22° 45' W mag) 79' set plug
69.3 " "
49.5 "
198.8 by stadia to
the NW cor of 1st & Chestnut = Sta 45+91.8
on Pueblo line,
Thence S 22° 45' W mag.

connection between New Roseville and Base line run out from Old Town for Pueblo surveys

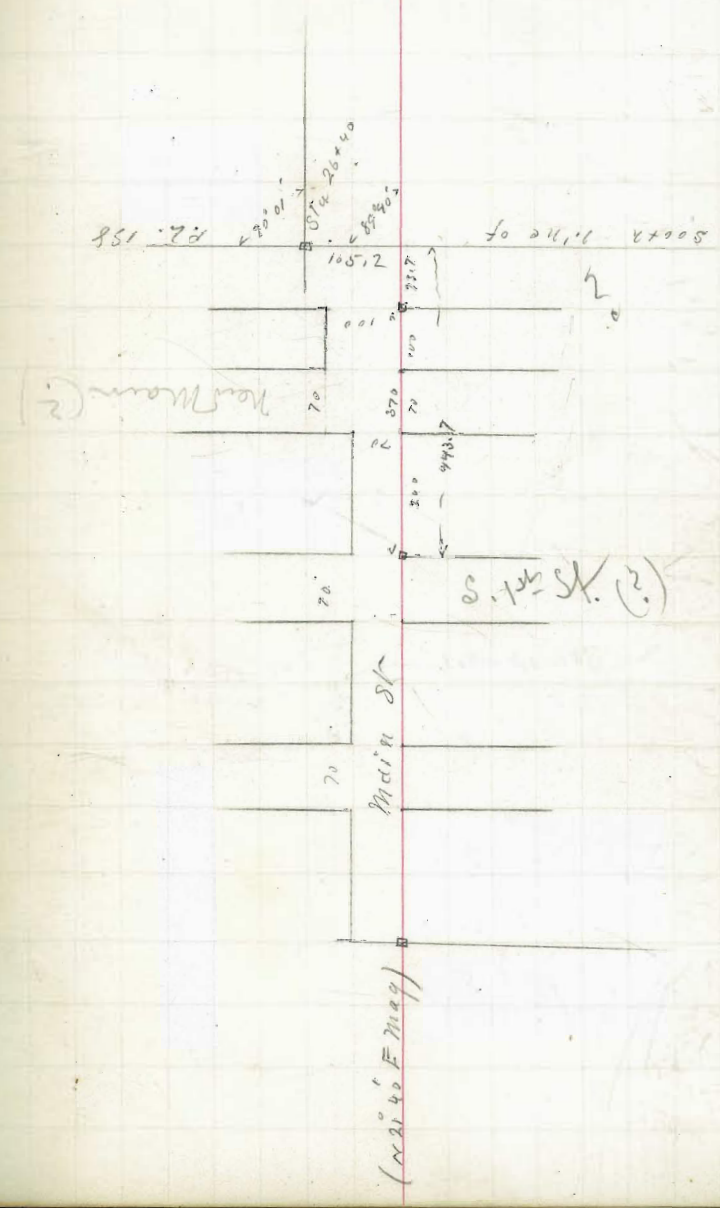
Set up at the North Easterly line of Main & South 1st St in New Roseville back sight to the point where the South Easterly line of Main St intersects the Northerly line of Lot 12,

Found Mag bearing of line to be N 21° 40' E Thence measured along said line 370' to the northerly line of New Roseville, the South Easterly cor of Main & New Main

443.7 to the Southerly line of Pueblo lot 198, thence 89° 40' Right 105.2 to Sta 26+40 on trial line, thence 90° 01' Right along base line

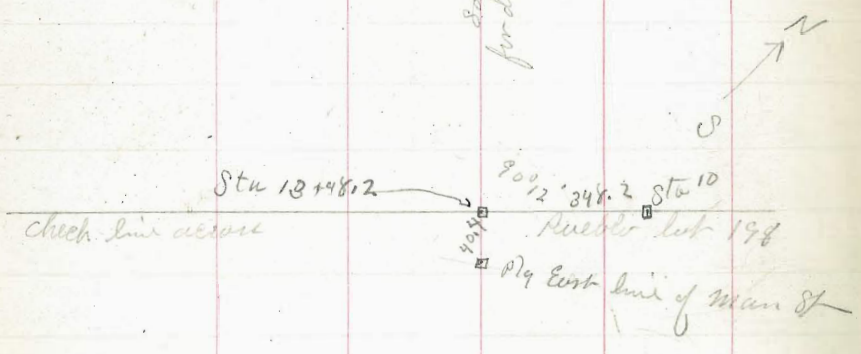
Sept 23th 1892

Hamlin
Williams
Shaw
Van Hook



6th Street in Roseville

South line of 6th St
for distances see page 87



Set up at the N.E. cor of 11th & Pine
F.S. to N.E. cor of 16th & Pine, found
line to bear N 22°15'E mag!
measured by stadia 1612' to a stake
marked 17th & Pine which was 9'
to right. Turned 90°05' and ran to
base line 1267' to Sta 9+28.2 B.S, turned
interior angle 90°04'

North line of M & S add to Roseville

Set up at Sta 33+80 B.S. to Sta
Set plug at Sta 34+06.6 thence 89°37 to
Right measured 466.5 and set Plug
thence 90° to left 175 to Plug and
scarf stake for witness, 455 to another
Plug & scarf; 735 to another Plug & Witness.

3380
26.6
3406.6

Set up over stake marked 30ft St
B.S. to stake which bears S 68 E thence Begin measurement from this stake
186. to stake in mound of rock .5' to
Right of line, 365' to stake marked 30ft
St. 800 sep Bkwy.

Set up at Sta 15+25 S 16° 0' W 122.8 to
Sta 800

Levels for Levee on North side of SB River at crossing on

Sta	+	HI	Grade	Rod.	Elev
	11.52	11.52			10.0
			4.6		
			4.6	6.9	
				1.5	
			6.1	5.4	

Set line of stake with top at level of pile at Bridge,

Stake 1	fill	- 3.1			
2		- 3.5		5.5 3.1 2.4	
3		- 4.2			10.0 6.9 3.1
4		- 4.4			
5		- 5.5			

SB. O.T. & PB RR

assumed Elev of top of last pile on North End of P.B. RR bridge

Elev of ground at end of levee

Set up on our 192 & 193 & 191
529' set Plug

Set up over stake marked N.E. 193, S.E. 192, and 191 ran South 0° 40' E Mag.

572 feet set Plug.

742, " " "

648. " " "

617. " " "

54' to cor of 182, 146, 193, and 145

2633 (38' to East)

26331 3.8 :: 531. : X .76

3.8
4248
1593
2017.8

2633
.76
15798
18431
200108

Nov 11 1892 Hamlin

(3.8)

572
742
1314

.68 -27° 10'

20.8
.68
1664
1248
14.144

68
14
54.

100
79.15
20.85
.68
16680
12510
7.3780
14.1780

61
14.2
46.8

61.0

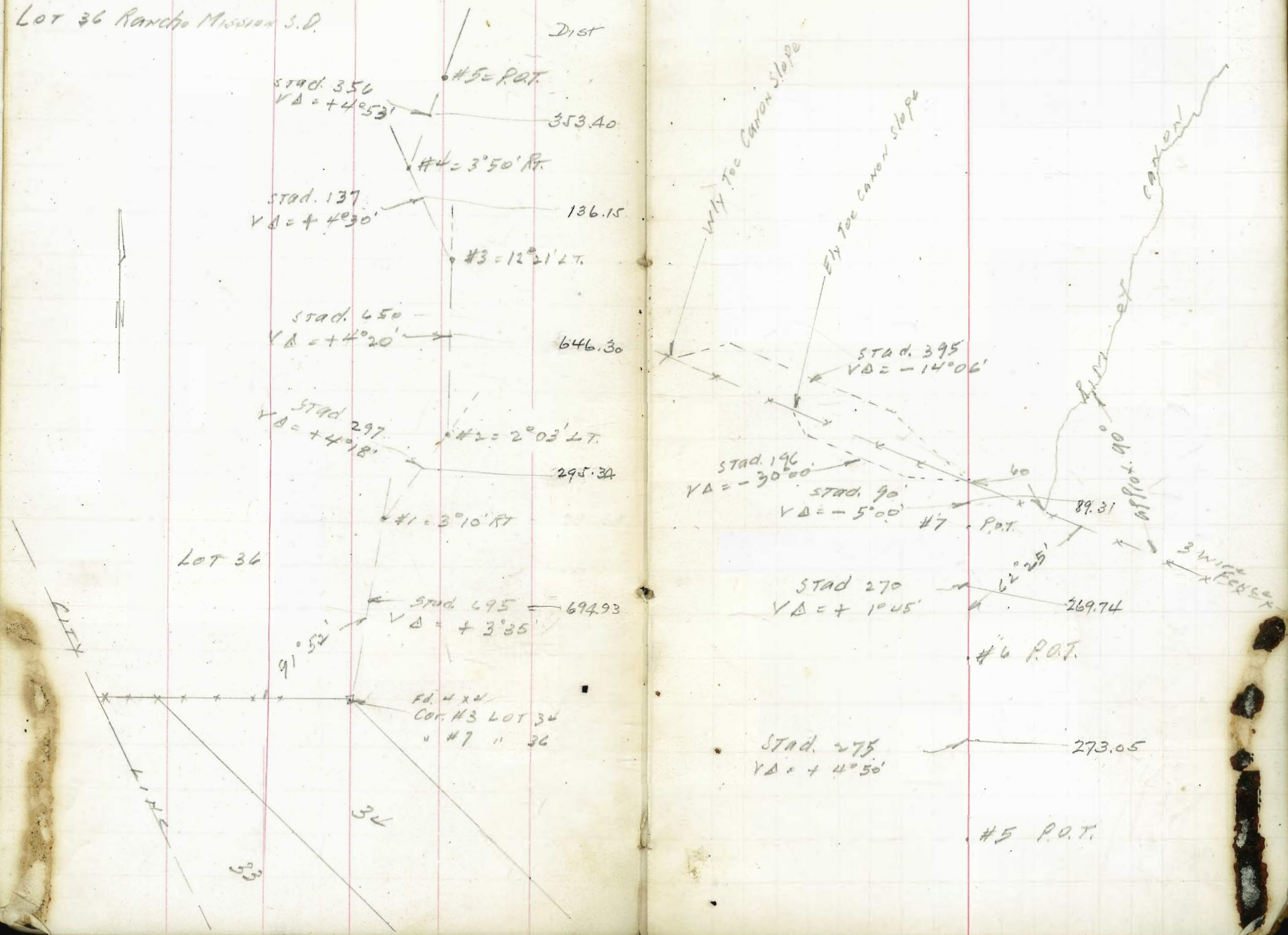
.7915
68
63320
47490
53.8220

From SW cor 205 back sight on SE cor
turned 90° 00' Right running on westerly line of
205

Indexed
C.S.K.

Moore
10-16-39.

Stadia Survey for
Rubbish Dump in
Lot 36 Rancho Mission S.D.



540

Stope No
Cor 191

Sep 21 1892

Near line bet pueblo lots 203 & 195 along shore (N 35° E mag) DIP -8°15'

N 35° E DIP - 11°15'

average dip about 10°

Past Pliocen deposits are about 20'-25' deep, below, greenish & yellowish sand rock with concretion.

11.0 15
8 15
19 30
50 45

4564.8
2640
~~7204.8~~
1924.8

4564.8
2640
~~2714.8~~
1924.8

750
1924.8
2714.8

4564.8
2640
1924.8
1051
2975.8

29.

3050
2640
2710
5
19) 83
5

1800
630
1450
2640
210
35
175

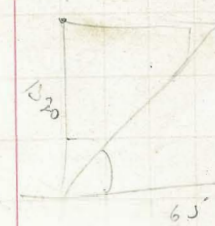
N 34° W May to Point of Lond.
14
N 20° W

In following up south line of 30th St found old stake 37' North of line (old cor of Roseville)

South from line betn 40 & 160.
Here ranges from Sta 06+50

0	
2 50	Bank Slough
3 00	" "
9 00	" "
10 00	Bank of Slough
13 00	Edge of Slough foot of hill

27.5
65
92.5



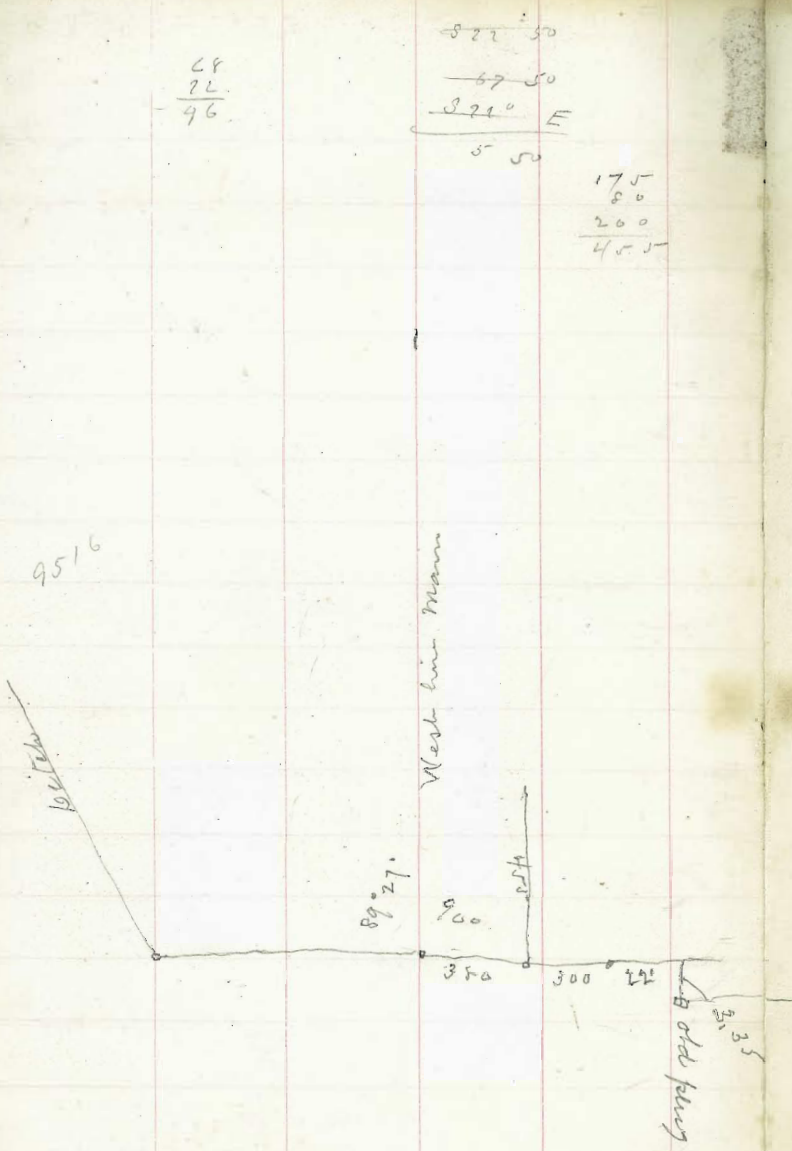
50
63
23

116
65
51

22.5
65
87.5

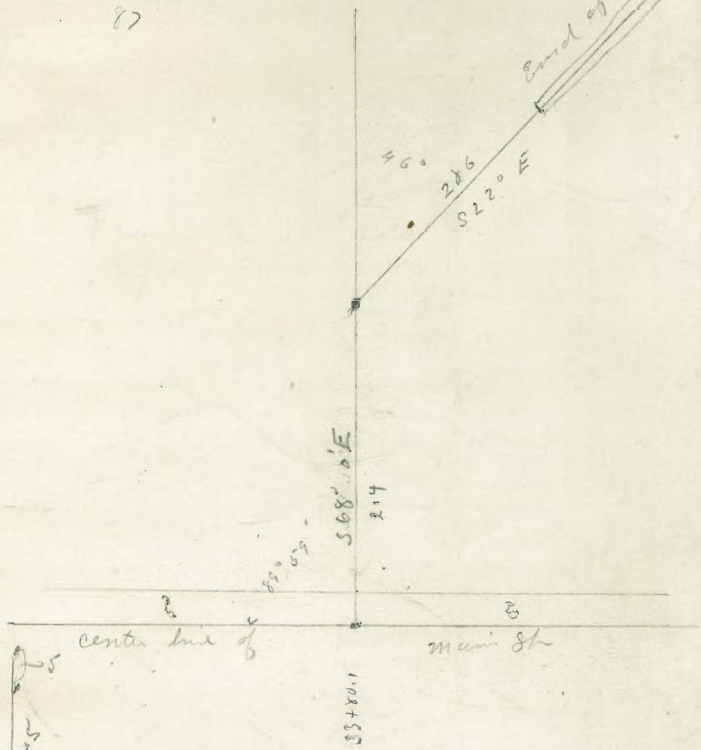
2640 : 41 : 1430 : X ~~87.5~~

2640 : 51 : 1430 : X



Location of Old ditch on Hazel farm as

87



.8500
.8667
.8333
.9000
.9167
.9333
.9500
.9667
.9833
1.0000

%
.0729

11
9167

Def. for Foot
2.10
2.20
2.25
2.30
2.40
2.50
2.55
2.60
2.70
2.80
2.85
2.90
3.00
3.15
3.30
3.45
3.60
3.75
3.90
4.05
.20
.35
.50
.65
.80
.95
.10
.40
.70
.00
.30
.60
90
20
50
80
10
.40
3.70
9.00

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

Published by KEUFFEL & ESSER, 127 Fulton and 42 Ann Streets, New York.
Designed by GEO. T. KEITH, M. Am. Soc. C. E.

Entered according to Act of Congress in the year 1883, by W. KEUFFEL and H. ESSER, in the office of the Librarian of Congress in Washington, D. C.

TABLE I.—Minutes in Decimals of a Degree.

1′	.0167	**11′**	.1833	**21′**	.3500	**31′**	.5167	**41′**	.6833	**51′**	.8500
2	.0333	**12**	.2000	**22**	.3667	**32**	.5333	**42**	.7000	**52**	.8667
3	0500	**13**	.2167	**23**	.3833	**33**	.5500	**43**	.7167	**53**	.8333
4	.0667	**14**	.2333	**24**	.4000	**34**	.5667	**44**	.7333	**54**	.9000
5	.0833	**15**	.2500	**25**	.4167	**35**	.5833	**45**	.7500	**55**	.9167
6	.1000	**16**	.2667	**26**	.4333	**36**	.6000	**46**	7667	**56**	.9333
7	.1167	**17**	.2833	**27**	.4500	**37**	.6167	**47**	.7833	**57**	.9500
8	.1333	**18**	.3000	**28**	.4667	**38**	.6333	**48**	.8000	**58**	.9667
9	.1500	**19**	.3167	**29**	.4833	**39**	.6500	**49**	.8167	**59**	.9833
10	.1667	**20**	.3333	**30**	.5000	**40**	.6667	**50**	.8333	**60**	1.0000

TABLE II.—Inches in Decimals of a Foot.

1-16	3-32	⅛	5-32	¼	7-32	⅜	9-32	⅝	¾	⅞
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729
1	2	3	4	5	6	7	8	9	10	11
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167

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

TABLE III.—Radii, Ordinates and Deflections.

Deg.	Radius	Mid. Ord.	Tan. Def.	Chd. Def.	Def. for 1 Foot	Deg.	Radius	Mid. Ord.	Tan. Def.	Chd. Def.	Def. for 1 Foot
0°10′	34377.	.036	.145	.291	0.05′	**7°**	819.0	1.528	6.105	12.21	2.10′
20	17189.	.073	.291	.582	0.10	20′	781.8	1.600	6.395	12.79	2.20
30	11459.	.109	.436	.873	0.15	30	764.5	1.637	6.540	13 08	2.25
40	8594.4	.145	.582	1.164	0.20	40	747 9	1.673	6.685	13.37	2.30
50	6875.5	.182	.727	1.454	0.25	**8**	716.8	1.746	6.976	13.95	2.40
1	5729.6	.218	.873	1.745	0.30	20	638.2	1.819	7.236	14.53	2.50
10	4911.2	.255	1.018	2.036	0.35	30	674.7	1.855	7.411	14.82	2.55
20	4297.3	.291	1.164	2.327	0.40	40	661.7	1.892	7.556	15.11	2.60
30	3819.8	.327	1.309	2.618	0.45	**9**	637.3	1.965	7.846	15.69	2.70
40	3437.9	.364	1.454	2.909	0.50	20	614.6	2.037	8.136	16.27	2.80
50	3125.4	.400	1.600	3.200	0.55	30	603.8	2.074	8.281	16.56	2 85
2	2864.9	.436	1.745	3.490	0.60	40	593.4	2.110	8.426	16.85	2 90
10	2644.6	.473	1 891	3.781	0.65	**10**	573.7	2.183	8.716	17.43	3.00
20	2455.7	.509	2.036	4.072	0.70	30	546.4	2.292	9.150	18.30	3.15
30	2292.0	.545	2.181	4.363	0.75	**11**	521.7	2.402	9.585	19.16	3.30
40	2148.8	.582	2.327	4.654	0.80	30	499.1	2.511	10.02	20.04	3.45
50	2022.4	.618	2.472	4.945	0.85	**12**	478.3	2.620	10.45	20.91	3.60
3	1910.1	.655	2.618	5.235	0.90	30	459.3	2.730	10.89	21.77	3.75
10	1809.6	.691	2.763	5.526	0.95	**13**	441.7	2.839	11.32	22.64	3.90
20	1719.1	.727	2.908	5.817	1.00	30	425.4	2.949	11.75	23.51	4.05
30	1637.3	.764	3.054	6.108	1.05	**14**	410.3	3.058	12.18	24.37	4.20
40	1562 9	.800	3.199	6.398	1.10	30	396.2	3.168	12.62	25.24	4.35
50	1495 0	.836	3.345	6.689	1.15	**15**	383.1	3.277	13.05	26.11	4.50
4	1432.7	.873	3.490	6.980	1.20	30	370.8	3.387	13.49	26.97	4.65
10	1375.4	.909	3.635	7.271	1.25	**16**	359.3	3.496	13.92	27.84	4.80
20	1322.5	.945	3.718	7.561	1.30	30	348.5	3.606	14.35	28.70	4.95
30	1273.6	.982	3.926	7.852	1.35	**17**	338.3	3.716	14.78	29.56	5.10
40	1228.1	1.018	4.071	8.143	1.40	**18**	319.6	3.935	15.64	31.29	5.40
50	1185.8	1.055	4.217	8.433	1 45	**19**	302.9	4.155	16.51	33.01	5.70
5	1146 3	1.091	4.362	8.724	1.50	**20**	287.9	4.374	17.37	34.73	6.00
10	1109.3	1.127	4.507	9.014	1 55	**21**	274.4	4.594	18.22	36.44	6.30
20	1074.7	1.164	4.653	9.305	1 60	**22**	262.0	4 814	19.08	38.16	6.60
30	1042.1	1.200	4.798	9.596	1.65	**23**	250.8	5.035	19.94	39.87	6.90
40	1011.5	1.237	4 943	9.886	1.70	**24**	240.5	5.255	20.79	41.58	7.20
50	982.6	1.273	5.088	10.18	1.75	**25**	231.0	5.475	21.64	43.28	7.50
6	955.4	1.309	5.234	10.47	1.80	**26**	222.3	5.697	22.50	44.99	7.80
10	929.6	1.346	5.379	10.76	1.85	**27**	214 2	5.918	23.35	46.69	8.10
20	905.1	1.382	5.524	11.05	1.90	**28**	206.7	6.139	24.19	48.38	8.40
30	881.9	1.418	5.669	11.34	1.95	**29**	199.7	6.360	25.04	50 07	8.70
40	859.9	1.455	5.814	11.63	2.00	**30**	193.2	6 583	25.88	51.76	9.00