9

TRANSIT

F.B. 62

62

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

MICROFILMED
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62

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

Survey of line between 1123 & Lot C and between 1122 & Lot B

Oct 12 1890

Hamlin
Acton
Wilbarne
Hemsley

Sta		Index Angle	Bearing	Vert Angle	Stadia	
H.	N 77° 30' W			+0° 25'	7.34	735.19
G		1° 46' Rig.	N 88° 37' W	+0° 30'	7.23	724.20
F	S 75° 40' W			-1° 10'	2.245	225.66
E				-0° 50'	7.12	713.10
D		0° 07' Left	N 89° 43' E S 89° 37' W	-1° 0'	3.82	383.13
C	S 75° 50' W			-0° 30'	5.61	562.20
B				-0° 30'	5.00	501.21
A		~~90° 16' Left~~	N 89° 17' E N 89° 36' E S. 89° 44' W.	+1° 0'	2.61	262.17

Beginning at the corner common Pueblo lots 1123, 1124, 1117 & C. Set off meridian using Var. of 13° 50'

3 x 4" Stake in md. of Rock.

4 x 4" Stake tall white cor bet N.E. & N.W. 1/4 of N.E. 1/4 1123

Plg set from til points cor covered by Earth

Survey of line between 1123 & Lot C and Between 1122 & lot B

Sta	Index Angle	Bearing	Vert Angle	Stadia	
L					
K			+ 2° 0'	2.36	236.96
J			− 2° 45'	6.215	620.20
I			− 1° 45'	2.915	292.60

2609.15

4 x 4" Stone (new) set at S.W. corner of Catholic Cemetery.

Line East from cor of 1123
1124, 1117 & C.

I				
H				
G				
F				
E			+0° 45'	4.33
D			+0° 30	3.89
C			+0° 30'	6.82
B			0° 0'	6.305
A	89° 45', Left	N 89° 45' E	−0° 10'	5.295

Beginning at cor common to 1117
1123, 1124 & C Rain East
Var 13° 50'

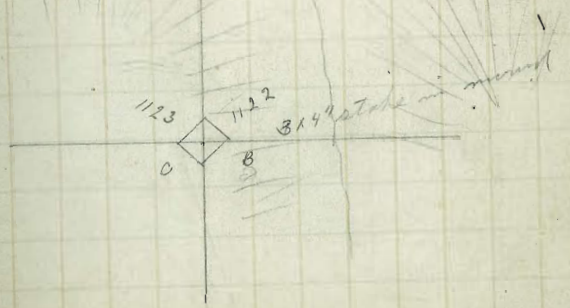
offset 0.53 N.

Line between 1122 & 1123 South from cor common to 1122, 1123 B & C

Nov 20 1890

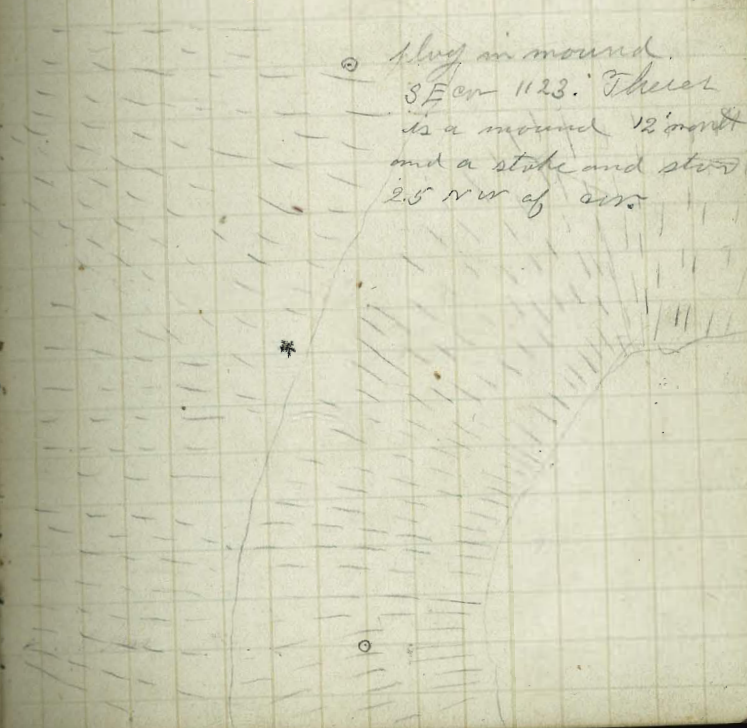
Sta	Angle	Bearing	Vert angle	Rod	
8					
7					
6					
5					
B. +48.93			-2° 45'	7.096	709.02
4					
3					
2					
1		S 14° 35' E			
		S 0° 19' W			
		S 0° 35' E			
A o	89° 53' 2	S 0° 16' E	- 6° 16'	4.52	448.03

Set up at common corner of 1122, 1123 B. & C Back Sight along S line of B reversed and turned 89° 53' to left



Sta	Angle	Bearing	Vert Angle	Rod	
19					
+78.34			-1° 50'	2.10	211.04
18					
17					
16					
15					
14					
+66.52			+1° 40'	5.09	509.82
13					
12					
C+57.05			+3° 30'	2.09	209.47
11					
10					
9					

Sta	Angle	Bearing	Vert Angle	Rod	
30					
29					
28	S 76° 10' W				
27					
+17.24	90° 31' R	S 89° 56' W	+6° 30'	6.64	656.19
26					
25	S 14° 20 E				
24					
23					
22					
21					
+87.38			-9° 05'	5.43	529.96
20					

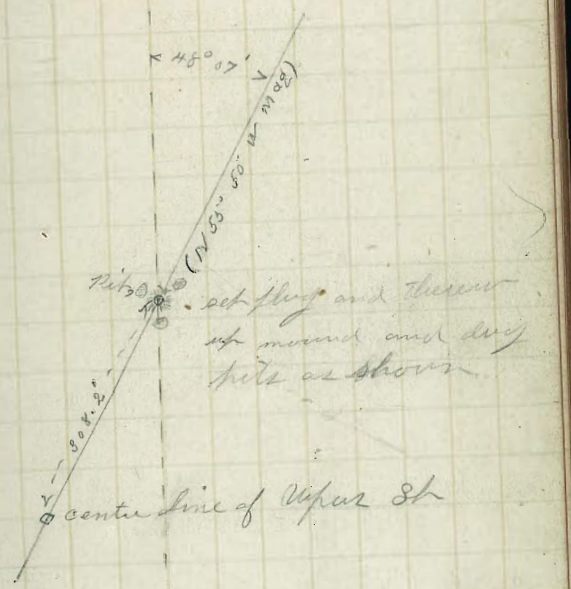


plug in mound. SE cor 1123. There is a mound 12' north and a stake and stone 2.5 NW of cor.

Sta	Angle	Bearing	Vert Angle	Rod	Hor. Dist.
41 S76° 05' W					
40					
+36.25	0° 06' R (L)	S89° 50' W	+3° 0'	7.11	710.30
39					
+54.68			-26° 20'	1.00	81.57
38					
+64.24			-11° 40'	0.93	90.44
37					
+46.10 ✓			+1° 50'	1.17	118.14
36					
35					
34					
33					
+73.44 ✓			+6° 20'	3.76	372.67 ✓
32					
31					

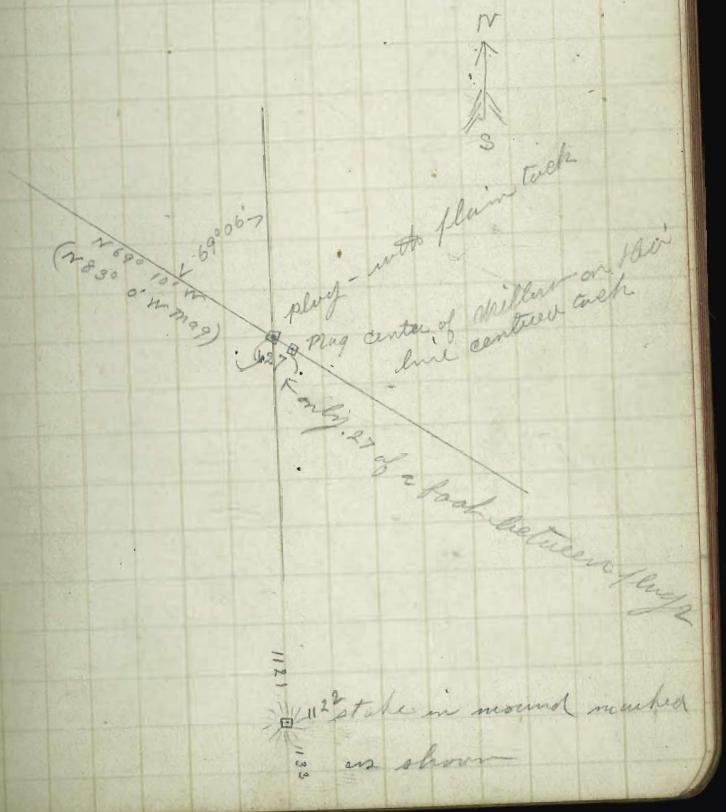
○ stake in mound
the NW cor of NE 1/4 of
1122

52					
51					
50					
+40.66			−12° 0′	3.15	303.78
49					
+21.21					
~~+07.71~~			−5° 40′	1.33	132.95
48					
47					
+46.55			+1° 20′	1.60	161.16
46					
45					
44					
43					
42					



Sta	Angle	Bearing	Vert Angle	Rod	
62					
61					
+31.83			+4° 30'	2.23	222.87
60					
59					
58					
57					
+23.47					
56					
55					
54					
53					
+44.34	~~90° 30' R.~~ 90° 06' R.	~~N 0° 20' E~~ N 0° 04' W	+5° 40'	7.94	787.41

N 19° 55' W
N 13° 30' W



Sta	Angle	Bearing	Vert Angle	Rod	
+42.64			-2° 30'	5.79	
72					
71					
+22.21			-3° 30'	2.20	220.43
70					
69					
68					
67					
66					
+71.10			+1° 0'	11.50	451.11
65					
~~+71.10~~					
64					
63					
+34.72			+3° 0'	3.16	316.38

14.33 W

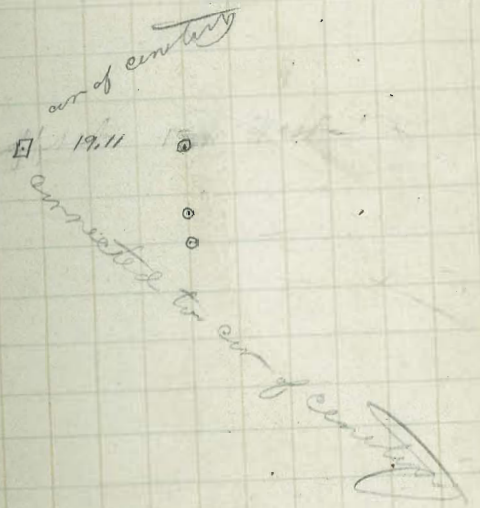
12.75 W

9.51 W

10.4 W to end of old fence

7.24 W

Sta	Angle	Bearing	Deck Angle	Rod
80				
+11.17				
79			-5°40	0.89
+82.08				
+21.79			-9°20	0.61
78				
77				
76				
75				
74				
73				



Trial line around Pueblo
Lot B

Nov

N 0° 14' W
7 32
7 45

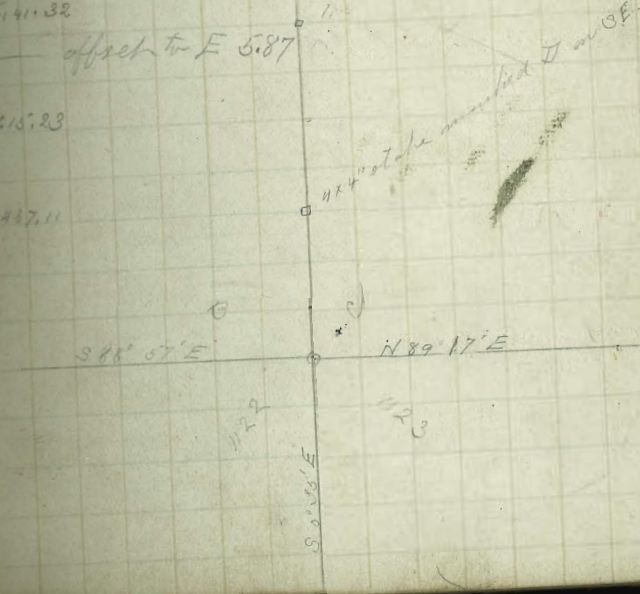
21° 25'
10 50
7 35

Sta	Angle	Bearing	Vert Angle	Stadia	
	~~9° 22' L~~ ~~7° 32' L~~ this	1	-5° 0'	1.17	117.36
H	89° 35' R				14.55
G			-17° 40'	0.83	76.74
F			-5° 10'	0.55	55.80
			+7° 30'	5.81	572.35
E	4° 33' R		-50'	0.65	66.03
			-2° 0'	7.72	772.31
D	1° 50' R		-15° 40'	1.92	~~179.35~~ 179.26
C			-3° 40'	5.27	526.09
B			-1° 40'	1.47	148.12
A	0° 21' R	N 0° 19' W	+1° 0'	4.66	467.11

N 84° 0' W

Sta A = Corner Common to Lots 1122, 1123, B & C. Back S along line bet 1122 & 1123, angle to R 0° 21'

2737.88
N 21° 25' W mag.
← to 1½ 1½ stake in mound of rock
← to what looks like old mound but could not find old stake
2618.52
2541.78
2690.88
offset 5.25 East
2485.98
1979.66
1913.63
to stake marked Louis Add on SE
1320.58
to NW cor of SW 1/4 of C marked Louis Add
1141.32
← offset to E 5.87
= 615.23
= 467.11



Trial line north bet B & C
Stating from cor 1122, 1123 B & C

Sta					

Line along N of 1122 Beginning at NE Cor

Beginning at N.E. cor of 1122 B. S. which bears S 0°35'E
to Sta 4+48 on East line Reversed
turned 88° 25' R (N 88° 57' W) (N 77 15' W mag)

A		+ 30'	7.23	(724.20)
B	N 77° 15' W	+ 0° 25'	7.34	(735.19)
C		- 1° 45'	2.915	(292.60)
D		2° 45'	6.215	(620.20)
E		+ 2° 0'	2.36	(236.95)
F				

⊙ Stake at S.E. cor of Cemetery Fence

Line North from N.E. Cor of 1123
between C. & 1117

Sta	Angle	Bearing	Vert Angle	Stadia	
F	0° 13' L	N 0° 54 W	−24° 50'	1.40	116.56
E			−14° 10'	0.77	73.64
D			−1° 30'	3.44	345.01
C	0° 10' R	N 0° 41 W	+0° 10'	8.00	801.24
B	0° 11' L	N 0° 51' W	+0° 40'	5.65	566.17
A	90° 0' L	N 0° 40' W	−0° 10'	7.48	749.24

N 14° 20' W
N 14° 20' W
N 14° 05' W
N 14° 10' W (R.B.)
N 12° 35' W (?)

B.S. West along line bet 1123 & C
which Bears S 89° 10' W may N 77 25' E (?)
Near cable Road)

1336.45

C 1117 Stake NE cor of SE 1/4 of
C 1117 C

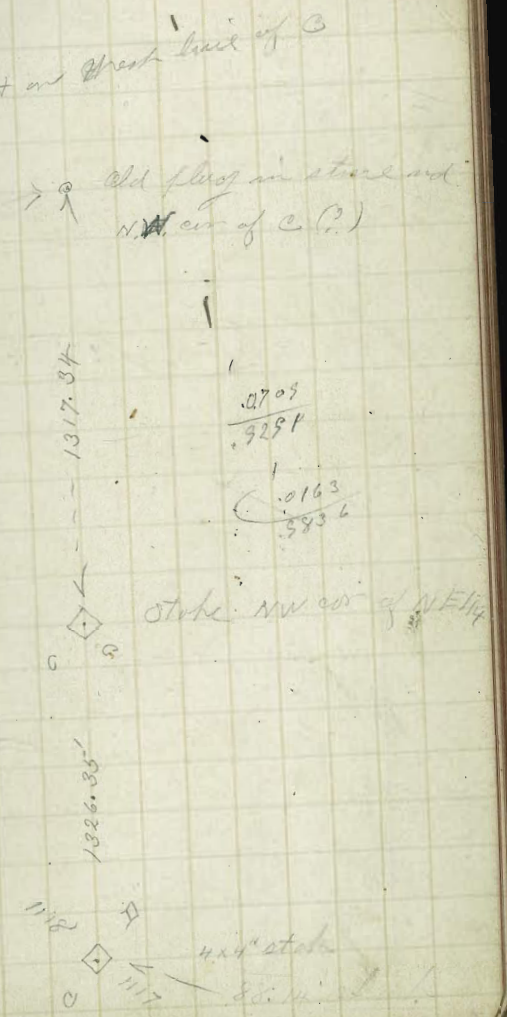
1315.41
1336.45
2651.86
2100
11.86

1315.41

749.24
566.17
1315.41

plug N.E. cor of 1123.

Sta	Angle	Bearing	Vert Angle	Stadia	
N			+1° 10'	3.21	322.12
	S 76° 0' W				
	26° 01' L	N 89° 57' W	+ 10'	10.16	1017.24
M	123° 24' L.	37° 04' E	= (S 21° 25' E Mag)		
	N 78° 0' W				
L	25° 51' R	N 64° 26' W	− 16° 40'	1.42	131.57
	S 76° 05' W				
K			−9° 20'	0.71	70.38
J			− 0° 20'	5.91	592.23
I	0° 01' L	N 89° 43' W	+ 8° 40'	5.355	536.68
	S 76° 15' W				
H	0° 02' R	S 89 44' W	− 0 10'	6.815	682.74
	S 76° 15' W				
G	89° 24' L	S 89° 42' W	+ 7° 20'	6.53	643.61



Sta	Angle	Bearing	Vert Angle	Stadia	
	88° 21' L		(S. 14° 30' E mag) to white of B		
Q	97° 05' L		(S. 23° 15' E mag)		12.20'
S 73° 50' W					
P	1° 57' L	S 88° 06' W	+2° 30'	6.70	669.98
O			-2° 40'	6.10	609.93

to what looks like old mound.

Tall stake set by Lanahan for NW cor B

~~Notes from N E cor 1112~~

Sta	Angle	Bearing	Next Angle	Stadia	Horiz
G			+20'	7.44	
N 76° 0' E					
⊙	0° 24' R	E	+2° 50'	2.05	
	157° 16' R		-6° 20'	2.43	
F ↓	144° 37' R		-7° 0'	1.93	
	See next page				
E +L			+2° 20'	9.48	
D			-1° 0'	7.96	796.98
C			+10'	0.54	55.25 ✓
B			+2° 50'	9.52	950.92 ✓
N 75° 40' E					
A	90° 0' R	N 89° 06' E	+21° 0'	0.90	79.69

Line east from cor 2 lots D.C. 117 & 1118
B.S. to Sta G bet 1117 & C which
Bears S 0° 24' E

(S 62° 50' W mag)
to mound of rock no stake
(S 40° 10' W mag)
to stake in mud (?) marked 1117, 1116 D & E

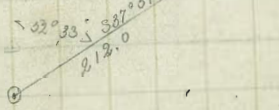
East from NW cor 1117

Sta	Angle	Bearing	Vert Angle	Stadia	Dist	
M			+2°40'	4.87	486.18	(488.30)
L			0° 0'	3.98	399.25	(399.40)
K			−2° 30'	6.37	637.44	(637.10)
J			−1° 10'	3.955	396.58	(397.50)
I			+0° 20'	6.27	628.23	
H		N76° 0' E	+2° 0'	2.08	209.00	(209.16)
G	14° 09' R	S89° 40' E	+6° 45'	2.56	253.80	(253.80)
F	21° 23' L	N76° 11' E				
	(52° 33' R	N62° 05' E	+0° 50'	2.11	212.31	
E	1° 58' R	S82° 26' E	+0° 30'	7.985	799.69	(800.1)

At Sta E turned to white stone marked 1116, 1117 & D & E

+ large stake in stone mound

⊙ scaf stake in mound



Ests from NE 1117

Sta	Angle	Bearing	Vert Angle	Dist	
W					set intersection of East line of Pueblo
V			+1° 0'	607	608.07 610.70
U			+6° 20'	5.27	526.24 (527.70)
T			-0° 30'	6.11	612.20 (609.00
S					⊙ Stone mk
			⊙ -0° 30'	7.11	712.20 (711.25)
R⊙			-0° 40	6.66	667.16 ⊙ mound of rock at Surfaced cor of 1114, 1115, F&Q
Q			-0° 10'	7.09	710.24 (707.90)
P			+2° 40'	2.82	282.64 (283.40)
O			+3° 40'	3.26	324.07 (324.20)
N			0.0	8.28	829.24 (826.40)

Line east from cor of 1123
1124, 1117 & C

Sta	Angle	Bearing	Vert Angle	Rod		
J			-5° 50'	7.42	734.84	(734.09)
I			-0° 40'	1.68	169.22	(169.35)
H			+3° 30'	4.34	433.63	(431.60)
G			+20'	6.305	604.78	(631.48)
F			+0° 40'	7.055	705.65	(705.25) cor of fence ▨.53 ⊞ Plug
E			+0° 45'	4.33	434.21	(433.29)
D			+0° 30'	3.89	390.12	(389.75)
C	N 78° 40' E		+0° 30'	6.82	683.24	(683.19)
B			0° 0'	6.305	631.75	(1159.40)
A	0° 01' R	(N 89° 20' E)	-0° 10'	5.295	530.74	

corner common to 1117 1123 & 1124
& C. B.S. to Sta B on line bet 1123 & C
which bears S 89° 10' W

N 89° 17' E by mr C

Sta.	Angle	Bearing	Vert Angle	Rod		
U			-0° 20'	4.34	435.23	
T			+0° 20'	5.33	534.23	Stone Mound ⊙ 87
S	0° 10' R		+0° 10'	5.65	566.22	
R	0° 10' L		+0° 40'	4.34	435.20	
Q			+0° 40' 0° 0'	4.365 1.155	437.70 156.75 116.75 ?	(117.4)
P			+1° 30'	2.99	299.95	(299.68)
O			+3° 30' -0° 30'	5.13 5.43	512.33 544.22	(511.00) (543.28)
N			-7° 0'	1.38	137.20	
M			-1° 20'	1.70	171.16	(170.1)
L			+2° 30'	6.885	689.55	(687.48)
K		N 89° 20' E	+3° 50'	3.285	328.28	327.07

N 75° 35' E × N 75° 25' E × N 75° 35' E

large stake hole

mound of Rock

stake

Sta	Angle	Bearing	Vert Angle	Rod		
~~X~~	~~0° 11' L~~		~~-2° 0'~~	~~3.55~~		to stake marked Fillmore St and Pueblo Ave. = Sta Z
X	16°27 R		-2° 50'	3.59		to large stone mound. = Sta Y
W			-1° 50'	2.21	222.02	
V			-0° 20'	3.62	363.24	

N 75° 15' E

S 88° 10' E

N 75° 25' W

Line East from N.W. cor of Park

Sta	Angle	Bearing	Vert Angle	Rod	Hor Dist	(chain)
K	0° 24' R	N89° 40' E	0° 40'	1.85	186.22	(185.95)
J			+0° 30'	2.48	249.23	(250.0)
I			+0° 10'	6.10	611.24	(610.55)
H	0° 16 R	N89° 24 W ~~N89° 18' E~~	+1° 10'	4.94	495.05	(494.20)
G	0° 49' L	N88° 44' E ~~N89° 01' E~~	+0° 40'	6.07	608.17	(607.17)
F			+1° 0'	5.885	589.57	(688.60)
E	0° 32' R.	N89° 33' E ~~N89° 50' E~~	+2° 50'	1.00	101.01	
C			+0° 10'	6.62	663.24	(662.30)
B			−4° 10'	3.92	391.18	(389.95)
A		N89° 01' E ~~N89° 18' E~~	+0° 20'	2.53	254.24	(254.48)

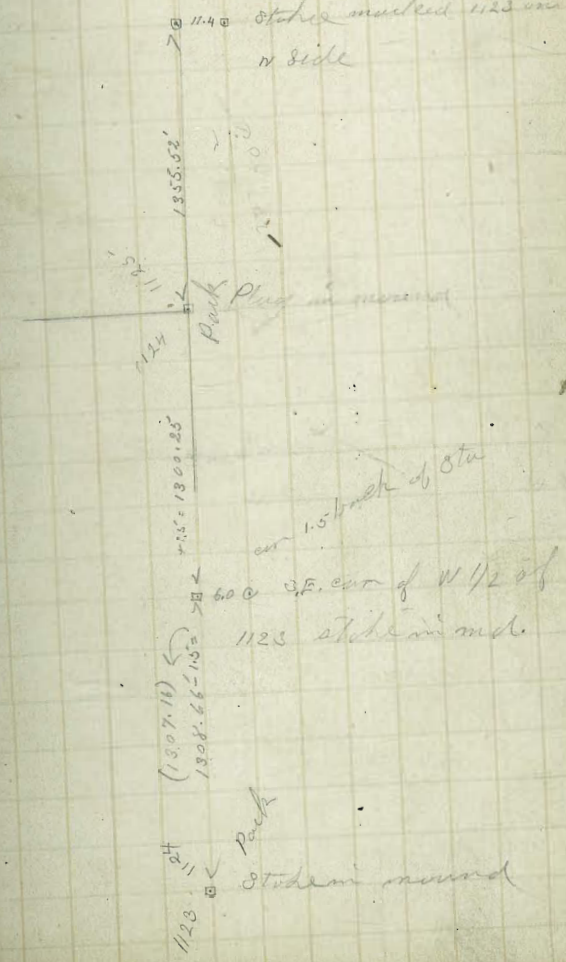
N75° 45' E

N75° 25' E

N75° 10' E

N75° 0' E

N75° 30' E



Sta	Angle	Bearing	net angle	Rod		
V			-0° 20'	1.23	124.23	(124.25)
U			+1° 20'	1.43 +	146.12	(2,44,00)
T	N 75° 35' E		+3° 40'	2.47 +	247.24	(146.35)
S			+5° 0'	5.725	569.40	(569.60)
R			-2° 10'	4.45	445.61	(445.30)
Q			-0° 30'	1.39	140.24	(139.80)
P			+0° 30'	5.515	516.71	(503.35 (?))
O			+1° 30'	2.29	230.09	(229.75)
N			+3° 0'	2.12	212.68	(212.80)
M			+4° 30'	2.08	207.97	(207.45)
L			-3° 20'	9.63	960.99	(960.85)

(1.72)

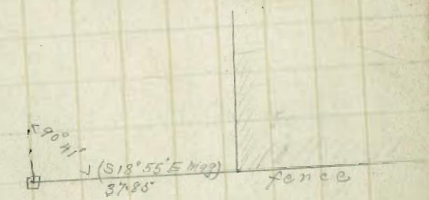
stake on mound

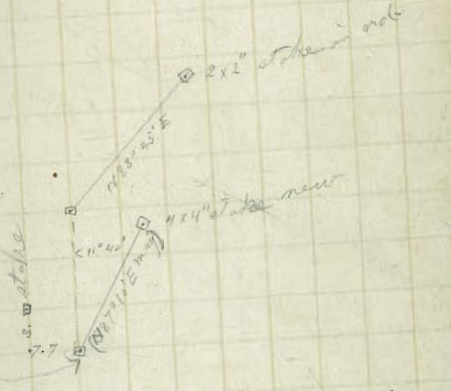
□.60 □

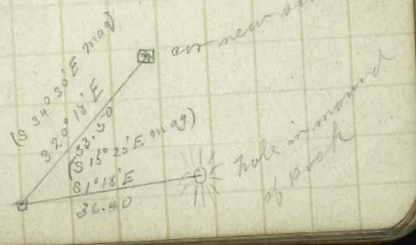
1.25

1355.18

Sta	Angle	Bearing	Vert. Angle	Rod	
		N 76° 55' E			
E'	1°30' L	N 75° 25' E	-0° 40'	3.80	381.20 (381.30)
D'	3°0' R		-0°20'	3.59	360.24 (358.05)
C'		N 78° 25' E	-0° 15'	6.895	690.73 (689.30)
B'			+0° 10'	5.51	532.28 (551.40)
			+0° 50'	3.32	333.18 (333.45)
A'	7° 15' R		+0° 40'	2.63	264.21 3
			-0° 30'	5.86	586.21 (585.14)
Z	11° 40' R		-1° 10'	1.85	186.17
y			+0° 20'	1.22	123.23 (123.00)
X					
			+0 30'	3.68	369.22 (367.60)
	89° 0'			36.40	
W	75° 0' R			33.50	







Along East line of Pueblo

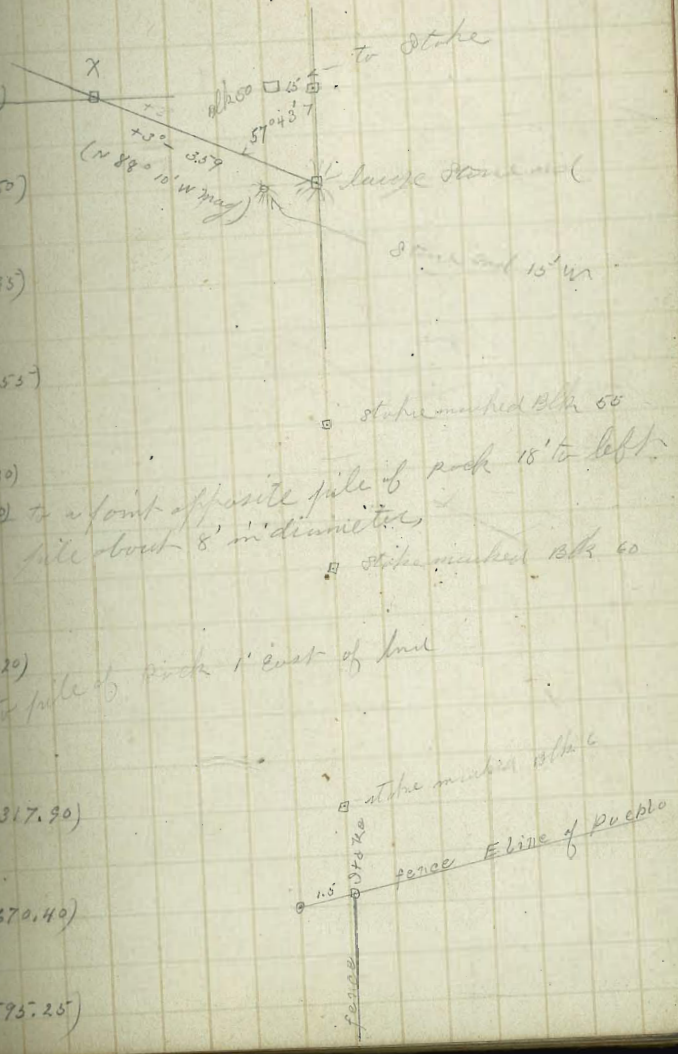
Sta	Angle	Bearing	Vert Angle	Stadia		
O'			+0° 50'	3.33	334.18	(332.90)
N' = Sta Y on N of 1349			+2° 0'	3.265	327.35	(326.50)
M'			-0° 40'	3.63	364.20	(261.95)
L'			-1° 0'	2.18	219.18	(217.55)
K'	0°04' Right		+0° 30	3.41	342.22	(342.30)
J'	0°10' Left		+0° 40 +0° 40	3.22 2.26	333.21 227.22	(332.10)
I'	0°13' Right		+0° 30' 0° 0'	4.38 1.78	439.23 179.25	(439.20)
H'			+0° 50'	3.17	318.18	(317.90)
G'	107°35' Left		+1° 20'	6.72	672.89	(670.40)
F'			-0° 30'	5.98	599.20	(595.25)

N 30° 30' W

N 30° 35' W

N 30° 25' W

N 30° 40' W



Along East line of Pueblo

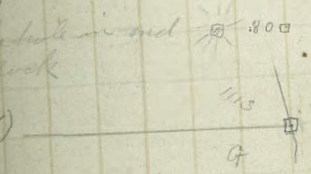
Sta	Angle	Bearing	Vert Angle	Stadia	Hor dist	
Z'			0° 20'	6.64	665.23	(663.94)
Y'			-0° 10'	6.59	660.24	(658.78) stake hole in end of Rock
X'	73°39' Left		-0° 20'	3.87	388.23	(387.25) stake in end of Rock
W'			+0° 20	5.745	576.73	(575.45)
V'	0° 20' R.		+0° 20'	7.62	763.22 20.21	(766.65) stake in mound (marked Lot 29 cor of 4/m East of Rock (?) stake in end 7.0
U'			+0° 20'	6.60	661.23	(661.33)
T'	0° 16' Left		+0° 40 -0° 40'	6.60 1.10	661.16 111.24	(662.35) along S line of F
S'			+1° 10'	6.24	624.99	(622.78)
R'			+2° 10'	5.55	555.46	(554.54) stake marked Blk 42
Q'			-0° 30'	7.25	726.19	(725.98)
P'			-0° 20'	1.92	193.24	(192.0)

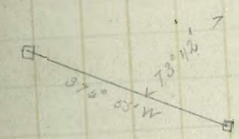
S76° 0' W

N 30° 20' E

N 30° 35' W

N 30° 20' W

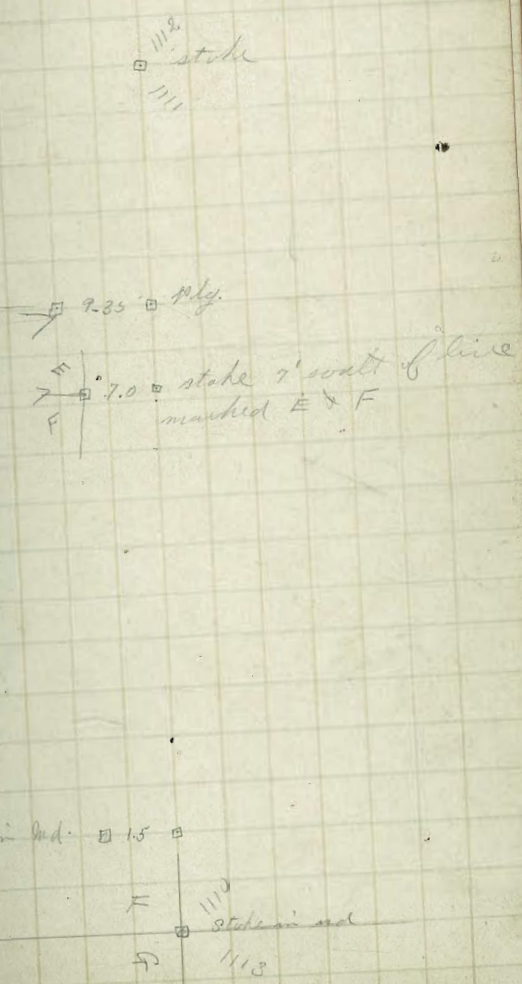




Sta	Angle	Bearing	Vert Angle	Stadia	Hor Dist	
J''	0° 30' Right		+2° 0'	3.82	382.88	
I''	0° 39' Left		-1° 40'	8.65	865.52	(865.52)
H''			+0° 10'	6.84	685.25	(685.25)
G''	0° 10' L		+0° 40'	3.76	377.20	(426.85)
F''			+0° 40'	7.16	717.15	(713.80)
			-3° 0'	0.395	40.64	
E''			-1° 10'	3.435	344.60	(342.74)
D''			+0° 30'	3.19	320.22	(319.20)
C''			-2° 0'	8.53	853.22	(852.72)
B''			-0° 30'	4.24	425.21	(424.92)
A''			-0° 10'	7.10	711.24	(711.27)

S 87°00' W × 87°00' W

S 87°00' W × 87°00' W



Sta	Angle	Bearing	Vert. Angle	Stadia	
P''					
O''			-2° 0'	4.04	404.76
N''			-18° 45'	7.975	696.15
M''			-8° 0'	0.52	52.24
L''			-3° 30'	4.12	411.71
K''			-2° 30'	6.88	687.94

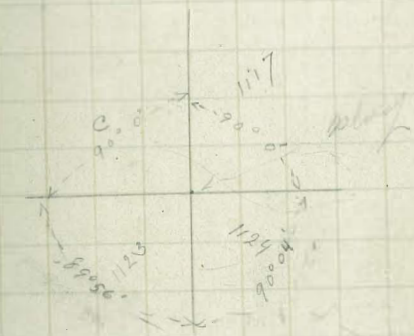
= 2635.68

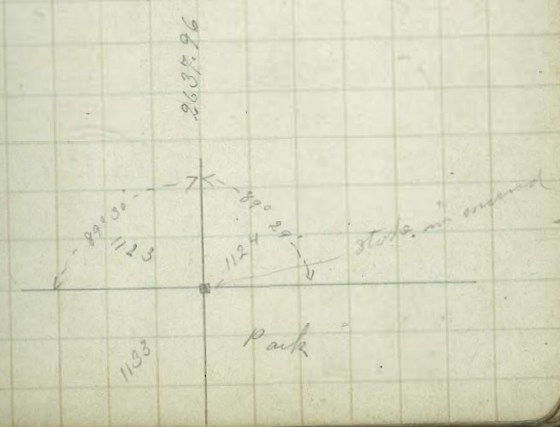
Line North from NW cor of Park, bet 1123 & 1124

E	0° 05' Left	N 0° 40' W.	along trial line bet C & 1117			
D	0° 07' Left	N 0° 35' W.	-0° 10'	7.42	743.24	742.2
C			+0° 10'	7.12	713.24	1892.2
B			-0° 10'	7.82	783.23	2[illegible]0.77
A		N 0° 28' W. ~~N 0° 11' W~~	0° 0'	3.97	398.25	✓

N 14° 05' W

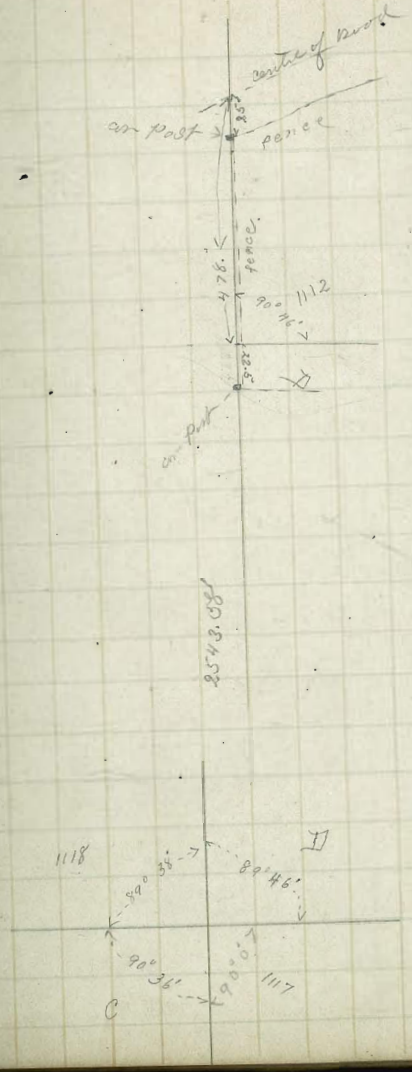
N 14° 0' W





Line North from cor of C.D. 1117

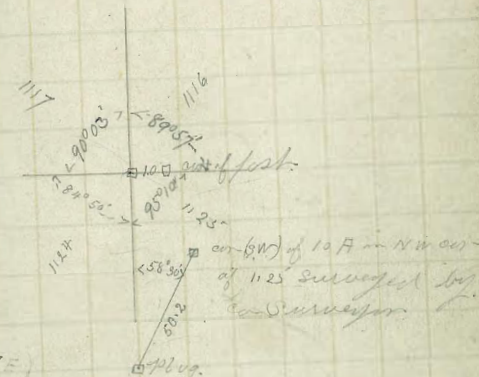
Sta	Angle	Bearing	Vert Angle	Stadia	
F	90° 46' R ∠ to line running west from SE cor 1112. along N line of 1112				
N 14° 30' W					
E	0° 30' Left		−20° 40'	7.895	692.41
D			+1° 30'	4.40	440.95
C			+19° 40'	5.22	464.12
N 14° 0' W					
B			−7° 0'	5.93	585.42
A	0° 14' R.		−4° 50	3.62	360.68

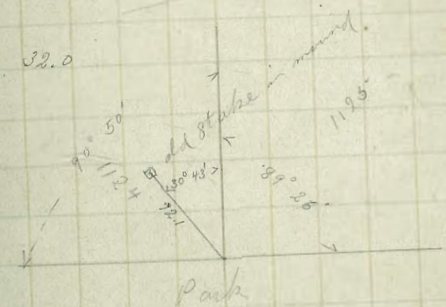


Line North from cor's of 1124, 1125 on park line

Sta	Angle	Bearing	Vert Angle	Stadia		
I	0° 00½' L.		+0° 50'	6.43	+ 644.11	(634.21)
H			+0° 10'	5.89	590.24	(592.25)
G	N 14° 10' W		+0° 10'	6.965	697.73	(697.70)
F	5° 07' Left.		+0° 20'	6.255	626.73	(626.20)
E	N 9° 05' W 4° 56' Right	N 4° 30' E	+0° 20'	6.855	686.73	(685.10) (42.5' E)
C			+0° 40'	5.335	534.68	(535.90) 32.0
B	N 14° 05' W		+0° 30'	566.5	567.70	(568.13)
A	89° 10' Left	N 0° 26' W	+0° 10'	8.405	842.73	(837.55)

cor of 1124, 1125 on park line B.S. to Sta G on S line of 1124 Reversed and turned 89° 10' Left

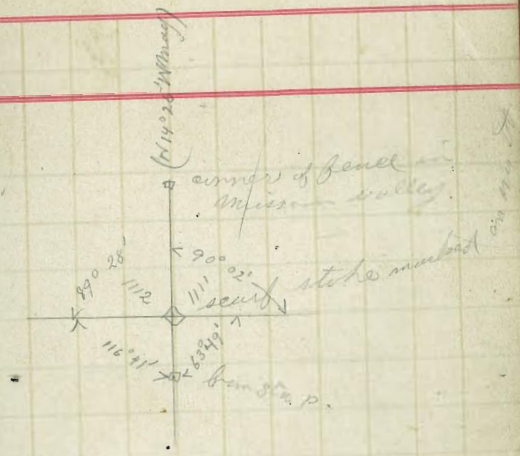




Line North from S.E. cor of 1124 & 1125 and Park line

Sta	Angle	Bearing	Over Angle	Stadia		
Q						
P	26°28' Left		−12° 10'	0.73	71.12	(69.88)
O			−3° 0'	1.47	147.85	(147.05)
N			−0° 40'	2.56	257.22	(256.08)
M			+0° 30'	5.28	529.21	(529.03)
L			+0° 10'	5.985	599.73	(598.25)
K			+1° 0'	3.13	314.15	(312.40)
J			+2° 40'	7.16	715.70	(713.50)

N 40°55' W



Angles are taken to nearest point on [illegible]

Line South from cor of E & F
1111 . 1110

D					
C			- 0° 20'	7.25	
B	S 14° 00' E		- 0° 10'	7.455	
A			- 0° 50'	5.53	

Sta	Angle	Bearing	Vert Angle	Rod		
J			-2° 0'	2.08		
I			+20'	6.27		
H			+1° 10'	3.955		
G			+2° 50'	6.37		3231.62
F			0° 0'	5.98	599.25	2632.37 ✓
E			-2° 40'	4.87	486.18	2146.19
D			0.0	8.28	829.24	1316.95
C ⊙			-5° 40'	3.26	324.07	992.88
B ⊙	S 76° 0' W		-2° 40'	2.82	282.64	710.24
A ⊙			+0° 10'	7.09	710.24	

Line west from cm 1114. 1115 F & G

A: cm

Sta	Angle	Bearing	Ver. Angle	Rod		
First Sta M or E	52° 33' R. B.S. west	(S 67° 55' E mag)	(− 0° 50	2.11		⊥ 4x4" stake in end of rock
D						
		S 75° 55' E				
M = E	7° 58' L					= Sta E running west from [illegible]
		S 83° 25' W				
L	21° 25' R			7.985		
		S 62° 05' W				
K	14° 09' L		− 6° 45'	2.56		

Line East from cor of 1114, 1115 F&G to East line of Pueblo

Nov 28 1890

						the attac line	
F						2499.69	Intersection on Pueblo line
E ⊙			+1° 0'	607 intersected ~~6.46~~	647.05	1852.64	
D ⊙			+0° 20'	5.27	528.24	1324.40	⊙ stone md
C ⊙			-0° 30'	6.11	612.20	712.20	
B	N 76° 0' E					667.16	⊙ stone md
		⊙	-0° 30'	7.11	712.20		
A ⊙			-0° 40'	6.66	667.16		⊙ stone md

Beginning at a mound of rock at cor of 1114, 1115, F&G Rem

Pueblo Sub C	=	Fifth St Add	NE 1/4 of E 1/2 of S.E. 1/4 of NW 1/4
"	"	Sousi Add	SW 1/4 of NW 1/4 of P.S. C
"	" 1117	Estudillo	W 1/2 of 1117 (?)

The Mission lands

Preliminary line around Sat 1113

Sta	Index	Bearing	Vert Angle	Rod	
24+93 E			−8° 0'	9.00	883.82
24+93 ⊡	⊙ 17° 0' L	N 17° 0' W	−10'	7.80	7+81.22
C	⊙ 88° 21' R	N 88° 21' E	0° 0'	3.89	390.25
B	⊙		+20'	6.56	657.20
A	⊙ 90° 25' R	S 89° 35' E	+0° 20'	6.64	665.22

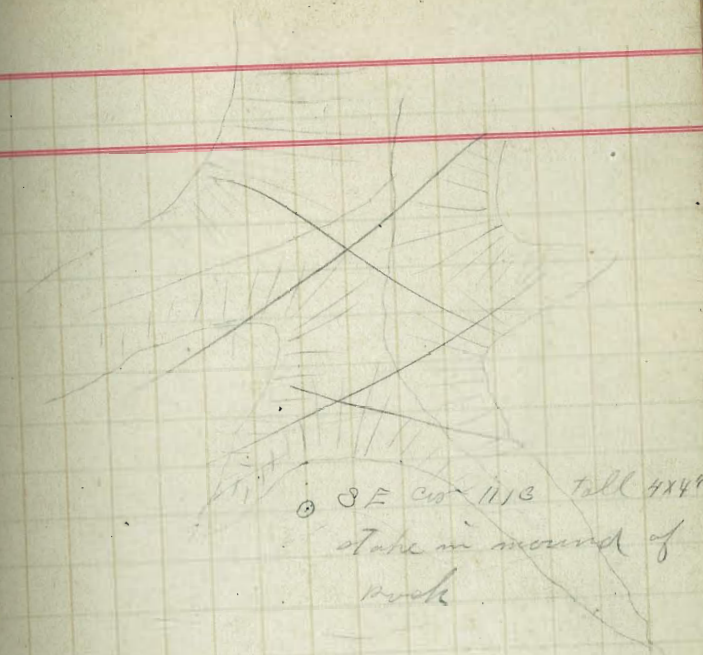
N 30° 50' W

N 74° 25' E

N 76° 35' E

Found SW cor of 1113 mound of rock with 4x4" stake in Center set off meridian using Var of 13° 50' and run as follows

N 17° W



⊙ SE cor 1113 tall 4x4" stake in mound of rock

⊙ S.W. cor 1113

Sta	Index	Bearing	Vert Angle	Rdd	
K	110° 30' L	S 69° 30' W	+ 2° 50'	0.72	73.06
J	26° 57' L	N 26° 57' W	− 4° 0'	6.00	598.33
I	16° 24' L	N 16° 24 W	− 13° 0'	1.62	155.05
	15° 05 L	N 15° 05 W	− 4° 15'	6.52	649.53
H		N 10° 58' E	− 12° 50	1.61	154.31
G			− 8° 30'	6.23	610.63
F			− 7° 40'	0.21	21.87

N 30° 15' W

N 29° 0' W

598.33 ← → cor is 3' north of K
3
601.33 ← 1109 . cor in mission valley

⊙ large stone set in mound marked P on W M. on East

stake at cor fence

⊙ tall stake

turned to stake but did not change line

Sta	Index	Bearing	Vert Angle	Rod		
	+ 180° 26'	S 0° 26' E	+.50'	5.20	521.20	to stake and mound
P	179.28	S 0° 28' W	0.0	2.07	L 208.25	head of canyon 100' S of P
O			+21° 20'	7°.40'	643.31	
	180° 26'	S 0° 26' E	+7° 30'	7.15	704.07	
N	276° 11' L		+2° 20'	8.48	847.84	⊙ to large stone at Sta J
						Centre of Road 50' north on Sta N.
	+ 162° 22' L	S 17° 38' W	+0° 20'	3.64	365.20	
M	48° 55' L	N 48° 55' W	-1° 30'	1.55	156.24	⊙ cor of fence at NW cor 1110 (?)
L	123° 02' L	S 56° 58' W	-.20'	4.67	468.22	

S 13° 15' E

S 30° 45' W

S 43° 15' W (?)

Sta	Index	Bearing	Vert Angle	Rod	
John A Battie beginning at the mite of Lot 1113 and S line of Lot 1109 according to the map made by James Pascoe, and running thence N 74½ E 9 ch to E boun of Pueblo, thence S 27° E 10 ch thence S 17° E 9 ch thence W 16 ch to west line of Lot 1113 thence N 15 ch to place of Beginning. 21 A					
S = A	269° 33'	S 89° 33 E	∠ to Sta B.		
S 14° 06' E					
R	180 14½	S 0° 14' E	-30'	5.20	521.20
Q			-20'	4.98	499.20

Course	Bearing	Latitude N	Latitude S	Dep. E	Dep. W	
1322.42	S 89°35 E		9.78	1322.39		A to C
390.25	N 88°21' E	11.24		390.89		C to D
2297.54	N 17°0' W	2197.15			671.74	D to H
649.53	N 15°05 W	636.81			171.63	H to I
155.03	N 16°54' W					I to J
598.33	N 26°57' W					J to K
73.06	S 69°30' W					K to L
468.22	S 58°58' W					L to M
365.20	S 17°38' W					M to N
2367.78	S 89° 26' E					N to K
521.20	S 3° 14' E					K to A

Line along S line of W 1/2 of 1123 from SW cor of 1123

Sta	Angle	Bearing	Vert Angle	Stadia	Hor Dist
E	0° 18' R.	S 89° 08' E	to centre line of	3rd St	
D			+1° 30'	5.67	567.86
C			+1° 50'	2.15	2,16.03
B	N 76° 0' E		+5° 40'	2.16	215.14
A	0° 06' Left	N 89° 50' E	+17° 30'	3.505	

B.S. west along S line of 1122 Rev. turned 0° 6' Left

⊙ Plug in mound; the SW cor of the E 1/2 of 1123 (N & B Add)

⊙ Plug in mound SW cor of Lot 1123

Fruit line West from cor set for SW of 1123

Sta	Angle	Bearing	Cor Angle	Dist	
L					
J					
I			-12° 0'	3.15	
H			-5° 40'	1.33	
G			-1° 20'	1.60	
F	0° 06' R		+3° 0'	7.11	✓
E			-26° 20'	1.00	81.57
D			-11° 40'	0.93	90.44
C			41° 50'	1.17	118.14
B			+6° 20'	3.76	372.67
A	0° 21' Right		+6° 30'	6.64	656.69

(S 76° 05' W)
S 72° 30' W (?)

offset to old cor N 11.90' feet

SW cor of 1122 & SE cor 1121

2.04 offset to South

1.78 S

1.51 S

1.14 S

.15 S

1319.51'

SW. cor of 1123 B.S. to one old bit set 114 cor and SW cor.

$Q = \frac{a.R. \sin 2\pi}{2}$

offset 8.74

C		(N88°53'W)			
H	1°38' R	N88°36'W	−11°30'	3.18	306.14
G			−5°30	1.35	135.02
F			−1°30'	1.57	159.49
		S89°29'W			
E	16°28' R	S89°46'W	+3°0'	7.11	710.30
		(S73°01'W) S73°18'W			
D	15°05' L	~~S73 W~~	−24°15'	1.02	85.93
C			−12°20	0.69	67.19
		(S88°06'W) S88°23'W			
B	3°0' L	~~S88°37'W~~	−2°10'	1.10	111.09
A = Sta 34+92			+6°0'	1.73	172.36

= 886.48 from corner

S 77°15' W

S 75°40' W

S 59°10' W

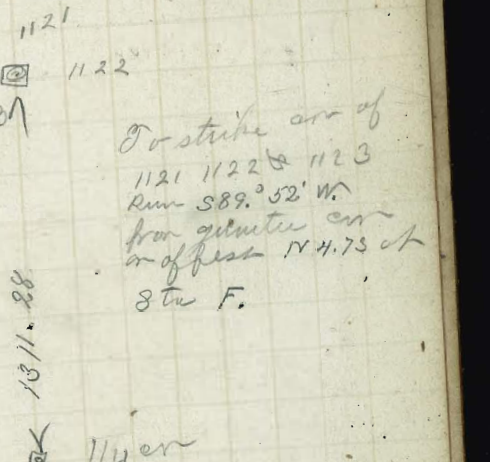
S 74°15' W

cor

1121

1122

1123



1311.28

1/4 cor

1/4 cor

To strike cor of 1121 1122 & 1123 Run S89°52' W. from quarter cor or offset N 4.73 at Sta F.

Dist	Bearing	Sat N	Sat S	Dep E	Dep W
cor 1058.84	N88°54W	20.33			1058.64
178.28	S88°06'W		5.91		178.20
85.93	S73°01W		25.12		82.18
		20.33	31.03		1319.02
			20.33		
			10.70		

Line from SW cor of NE 1/4 of Pueblo lot 1123

Sta	Angle	Bearing	Vert Angle	Rod	
			−6° 30′	6.78	670.56
K			−2° 0′	6.92	692.41
J			+2° 0′	1.61	161.05
I	0° 28′ R		+8° 20′	0.66	65.88
H	0° 38′ L		−4° 30′	5.07	505.13
G			−4° 0′	2.25	224.18
F	S 14° 0′ E		+4° 40′	2.60	259.53
E	90° 0′ L		+11° 50′	3.45	332.74
D			−17° 30′	3.505	321.42
C			−5° 40′	2.16	215.14
B	S 76° 05′ W		−1° 50′	2.15	216.03
A	0° 18′ L		−1° 30′	5.67	567.86

Backsight to center of 3rd St on S Line Reversed

(1350)

N 0° 35′ W

89° 36′

89° 36′

18
32
50
49
N 80′ 01
17
N 80′ 18

SE cor of NW 1/4
S 14° 30′ E mag

π 32 S 14° 05′ W.M.
South from E
1123 to 1/4 cor

S.W. cor 1123

offset 0.45 N

off 1.19 S

Angle back is
0° 06′ L

SW. cor SW 1/4 of 1123

move cor 1.82 East on
1.55' South.

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

Last from N & D 1318.63
to 1/4 cor W - 1318.64

35' W of Stake
on 1320'

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

Note offset at SE cor
Running on S 0° 10' W 19.75' E
on old cor S 9.5 E 2.5

Line S of mission
N 89° 18' E
S 0° 42' W