

482

482

F.B. 482

IND

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.....	21	21.....	49	41.....	95½
2.....	42	22.....	51½	42.....	98
3.....	63	23.....	53½	43.....	100½
4.....	84	24.....	56	44.....	102½
5.....	105	25.....	58½	45.....	105
6.....	126	26.....	60½	46.....	107½
7.....	147	27.....	63	47.....	109½
8.....	168	28.....	65½	48.....	112
9.....	189	29.....	67½	49.....	114
10.....	210	30.....	70	50.....	116
11.....	231	31.....	72½	51.....	118
12.....	252	32.....	74½	52.....	120
13.....	273	33.....	77	53.....	122½
14.....	294	34.....	79½	54.....	125
15.....	315	35.....	81½	55.....	127½
16.....	336	36.....	84	56.....	130
17.....	357	37.....	86½	57.....	133
18.....	378	38.....	88½	58.....	135½
19.....	399	39.....	91	59.....	137½
20.....	420	40.....	93½	60.....	140

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second column shows the number of links to be added to a chain on the slopes, the third column shows the chain, horizontal measurement.

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS
0		0		0		0	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.23
6	0.55	13	2.63	20	6.42	27	11.94
7	0.76	14	3.06	21	7.11	28	12.67
8	0.98	15	3.53	22	7.85	29	13.42
9	1.24	16	4.02	23	8.64	30	14.19
10	1.55	17	4.56	24	9.47	35	22.07

284.43

3.38

287.99

187.8

130.4

482

FROM
Loring's Book Store

Washington Hts. preliminary
sewer & to relieve 5th
street Ejector,

Line from F.I. on 8th north of Robison
to M.H. on canyon line sta. 8+37

Sta.				
F.I.	3.56	287.99	3.56	284.43
0+00 Old F.I.			10.2	277.8
+50			12.4	275.6
F.I.	0.19	275.44	12.74	273.25
1+00			1.0	273.9
+39.2 M.H. Center 8 th on So. line of Robison			3.42	274.0
+50 going west,			4.1	271.3
+75			7.0	268.4
F.I.	0.41	263.14	12.71	262.73
2+00			3.4	259.7
F.I.	0.22	250.54	12.82	250.32
+50			4.0	246.5
F.I.	1.90	241.59	10.85	239.69
3+00			3.3	238.13
+15			0.2	236.4
+19			6.1	235.5
+21			5.2	236.4
+25.6 M.H.			5.31	236.28

Profile plotted

[illegible]

Childs 2
Barber
Taylor 343.33
3794
7222

Univ. ave.

9+10.3 = 0+00

80'

720.9

30°09'

4+42

10th street

Essex

Robinson

0+00

Sewer down pointed canyon near
South of Minn. ave. to

Sta.		N.I.	Rod	Elev.
0+00	M.H. Minn. ave. +10 th st.	283.01	0.6	282.4
+33			2.2	280.8
+50	282.09 0.92 283.01		12.4	270.6
+54	12.84 270.17 TP 0.82	271.00	9.8	273.2
1+00	270.39 ✓ 12.55 258.44 TP 0.38	270.99	2.6	268.4
+50	258.82 ✓ 12.73 243.89 TP 1.71		13.3	257.7
+61	242.60 ✓ 0.21		16.6	254.4
+87	M.H. center alley bet. Essex & Minn. ave.		7.74	263.3
2+00			8.3	262.7
+50			9.2	261.8
3+00			12.85	259.2
+50		258.82	5.0	253.8
4+00			8.5	250.3
+42	M.H. angle		10.57	248.2
+50			10.5	248.3
+90		247.60	2.2	245.4

Profile Plotted

9th st.
City park

angle 16/09

Blairds
Barber
Taylor

3

Sta		N.I.	Rod	Elev.
4+93		247.60	3.8	243.8
5+00			2.0	245.6
+50			0.6	247.0
+70	M.H. angle		2.48	245.1
5+86			5.0	242.6
+89			6.2	241.4
+93			4.7	242.9
6+00			4.7	242.9
+50			5.4	242.2
+75			8.2	239.4
7+00			6.6	241.0
+50			8.9	238.7
+73			10.3	237.3
8+00			10.2	237.4
+37	M.H. angle		11.34	236.26
+50			11.8	235.8

cont. from page 3

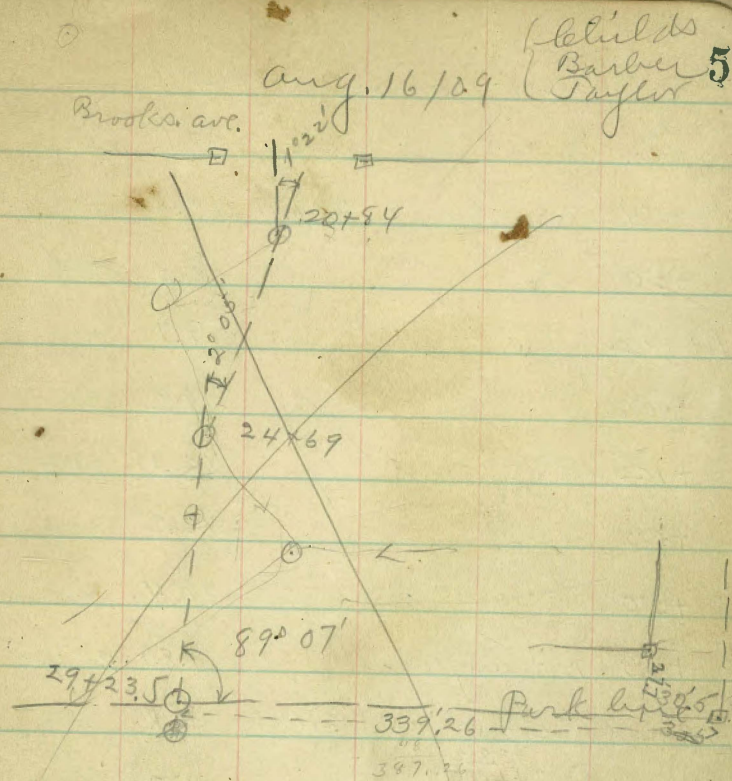
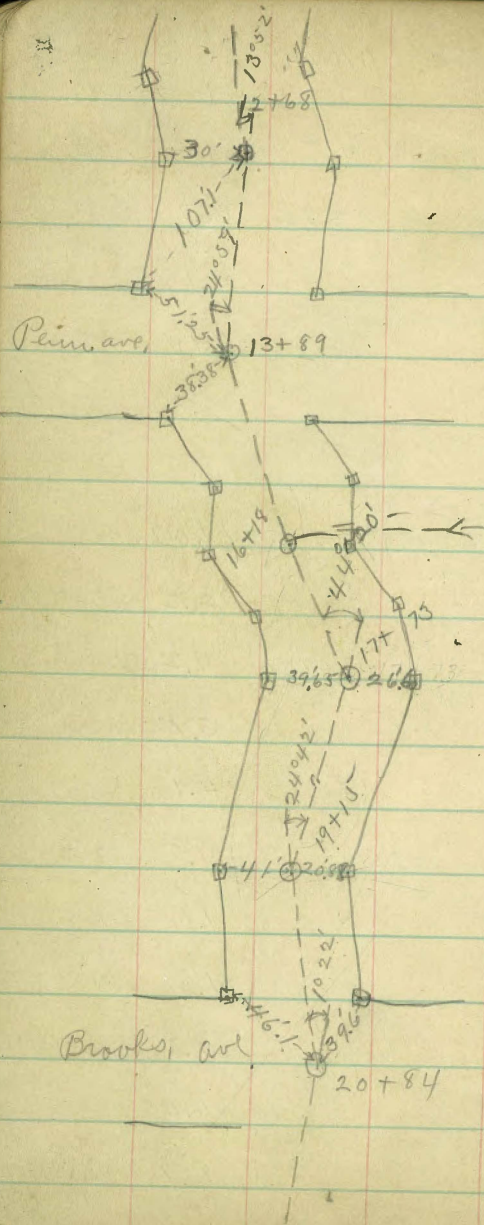
Sta	H.I.	Rod	Elev.
8+65	247.60	12.3	235.3
9+00		7.5	240.1
+23		4.5	243.1
+50		6.9	240.7
+61	about 12' deep M.H. angle about center Robinson East.	6.89	240.71
+88	240.92	1.0	239.9
10+00	240.71 0.21 240.92 ✓ 12.73 228.19 J.P. 1.01 229.28	2.4	238.5
+25		7.3	233.6
+50		4.4	236.5
11+00		4.9	236.0
+50	229.20	1.9	227.3
+64		4.8	224.4
+68		6.9	222.3
+72		5.3	223.9
+93		6.1	223.1
+97		8.1	221.1

aug. 16/09

{ Childs
Barber
Taylor

4

Sta	H.I.	Rod	Elev.
12+00	229.20	6.7	222.5
+20		3.8	225.4
+50		3.1	226.1
+68	not less than 8' deep M.H. angle	4.14	225.1
13+00		6.0	223.2
+50		9.8	219.4
+89	about M.H. angle center 8 Penn. ave.	11.07	218.13
14+00		12.2	217.0
+12	13.04 216.16 J.P. 3.23 219.39 ✓	4.2	215.2
+34		3.4	216.0
+50		4.1	215.3
+56		4.8	214.6
+66		1.1	218.3
15+00		1.6	217.8
+50		4.3	215.1
16+00		6.0	213.4
+38		8.7	210.7



Cont. - from page 4

Sta.	H.I.	Rod	Elev.
16+44	219.39	10.4	209.0
+50		8.3	211.1
17+00		9.7	209.7
+06		10.2	209.2
+12		12.1	207.3
+20		10.3	209.1
+50		10.4	209.0
+73 M.H. angle		11.81	207.58
18+00	207.58		
+50	211.40 ✓	3.7	207.7
+80		5.3	206.1
+88		6.7	204.7
+94		7.9	203.5
19+00		6.7	204.7
+15 M.H. angle		6.4	205.0
+43		7.01	204.4
		8.3	

aug. 16/09 Lehigh
Barber 6
Taylor

Sta.	H.I.	Rod	Elev.
19+46	211.40	9.4	202.0
+50		8.7	202.7
+85		6.4	205.0
20+00		8.2	203.2
+34		9.5	201.9
+50		8.2	203.2
+84		6.43	204.97
21+00	206.22	2.5	203.7
+14	204.97		
+50	206.22 ✓	4.9	201.3
+53		7.9	198.3
+60		9.1	197.1
22+00		6.5	199.7
+50		5.9	200.3
23+00		6.1	200.1
+50		7.9	198.3
		11.9	194.3

not less than 9' deep.

M.H. angle near
center Brooks

Cont. - from page 6

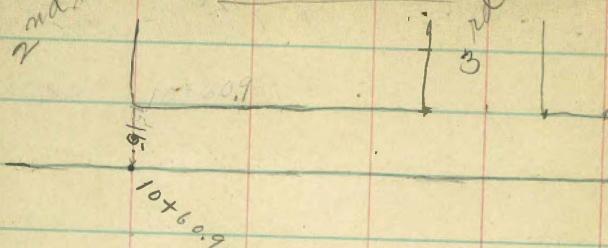
Sta.	H.I.	Rod	Elev.
23+59	206.22	14.7	191.5
+67		12.6	193.6
24+00		11.5	194.9
+50		12.4	193.8
+69	not less than 7' deep		12.34 193.88
25+00	M.H. angle side angle for curves	195.88	2.2 193.6
+50	193.88 197 195.88	1.9	192.9
26+00		3.6	192.2
+50		5.1	190.9
27+00		6.7	189.1
+36		8.3	187.5
+40		10.0	185.8
+50		11.0	184.8
+86		11.0	184.8
+90		9.1	186.7
28+00		9.3	186.5

aug. 17/09. ^{Stallings} Barber 7
Taylor

Sta.	H.I.	Rod	Elev.
28+50	195.85	10.4	185.4
+72		10.7	185.1
+77		12.8	183.0
+95		12.5	183.3
29+00		10.9	184.9
+23.5	Park line	11.62	184.2

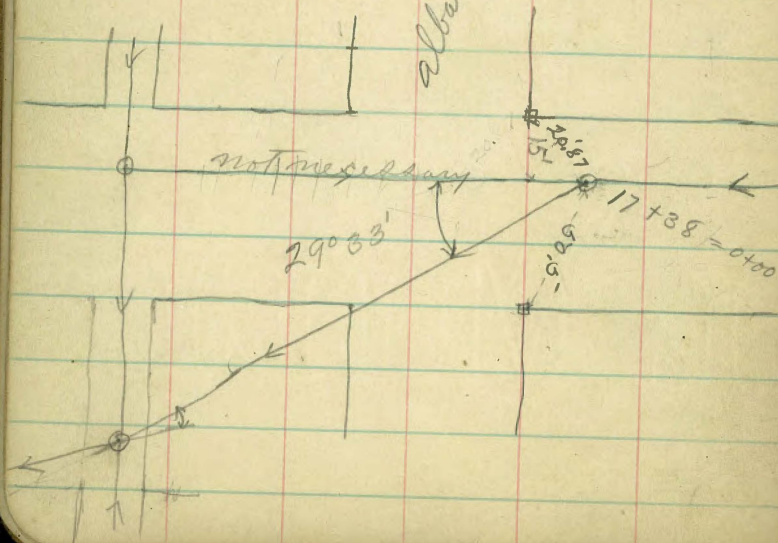
2nd st.

Sewer line to relieve 5th



Sept. 16/09
 Builds
 Barber
 Taylor

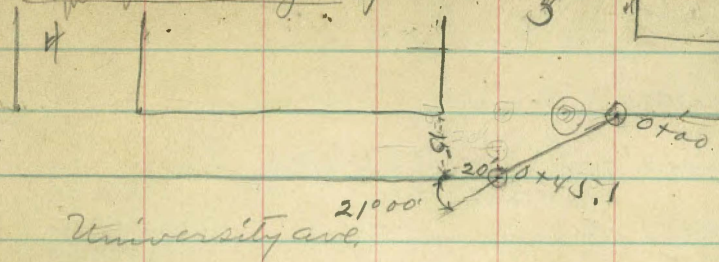
albatross



5th Ejector going west.

5th

8



University ave.

1st

2nd

University ave.

10+60.9

Seiver line on University ave.

Sta.		H.T.	Rod	Elev.
0+00	M.H. Just East of Ejector at 5th	291.35	1.5	289.8
+45.1	20' East of west line 5th 5' from gutter.		1.7	289.6
+50			1.7	289.6
1+00	287.01 B.M. 6th 4.34		2.1	289.2
+50	291.35 ✓ 10.67		2.5	288.8
2+00	280.68 S.P. 1.12		3.0	288.3
+50	281.30 ✓		3.4	287.9
3+00			3.8	287.5
+50			4.2	287.1
4+00			4.9	286.4
+50			5.0	286.3
5+00			5.2	286.1
+50			5.7	285.6
6+00			5.7	285.6
+50			6.3	285.0
7+00			7.0	284.3

Profile Plotted

West of 5th Street Sept. 16/09 ^{Chilids} Barber 9 Taylor

Sta.		H.T.	Rod	Elev.
7+50	287.10 B.M. 291.35		7.4	283.9
8+00	3.30 287.80		8.0	283.3
+50			9.0	282.3
9+00			9.9	281.4
+50			11.0	280.3
10+00		281.80	2.4	279.4
+50			3.0	278.8
+60.9	East line 2nd		2.9	278.9
11+00			3.0	278.8
+50			3.4	278.4
12+00			4.3	277.5
+50			4.8	277.0
13+00			5.7	276.1
+50			6.4	275.4
14+00			7.8	274.0
+50			8.8	273.0

Cont. from page 9

Sta.		H.I.	Rod	Elev.
15+00		281.80	11.1	270.7
+50	12.74 269.06 J.P. 0.02	269.08	1.0	268.1
16+00	269.08 ✓ 12.59	257.32	10.0	247.3
+50	256.49 J.P. 0.83	244.69	11.2	233.5
+53	257.32 ✓ 12.87		12.5	232.2
+55	244.43 J.P. 0.24		11.4	233.3
17+00	244.69 ✓ 12.74	233.50	3.4	230.1
+38	231.96 J.P. 1.54			
	233.50			
+38	M.H. bottom of canyon at Miners, & Albatross	9.00	IP	224.50
+50		227.41	5.1	222.3
+70			6.2	221.2
+94			8.9	218.5
18+00	193 223.47 J.P. 3.74		7.3	220.1
+50	227.41 ✓ 2.94	225.40	2.4	223.0
19+00	224.47		3.8	221.6
+50			9.5	215.9
+89.35	M.H. center alley bet. Albatross & Brant	12.62		212.78

Sept. 16/09 { Blinds
Barber 10
Taylor

Sta.		H.I.	Rod	Elev.
20+00		221.04	9.4	211.6
+50			11.3	209.7
21+00			12.3	208.7
+50		209.73	2.1	207.6
22+00	13.08 221.04		1.0	208.7
+13			1.5	208.2
+50			7.8	201.9
+64.80	M.H. center Brant	8.87		200.86 J.P.
23+00			8.6	201.1
+43	195.45		12.1	197.6
+50			10.4	199.3
+55			9.1	200.6
24+00			9.7	200.0
+50	197.00 0.10 196.96		1.3	195.7
+80	196.86 J.P. 12.87		4.3	192.7
25+00	209.73 ✓ 1.77		4.3	192.7
+10	207.96 J.P. 6' 18" R		5.5	191.5

Cont. from Page 10

Sta.	H.I.	Rod Elev.
25+40	197.0 196.96	5.9 191.1
+50	86.64 10.32 96.96	4.4 192.6
26+00		6.0 191.0
+50		10.0 187.0
+61.55	710.47 M.H. Center Drive & Canyon.	10.32 186.64
27+00	191.40	5.9 185.5
+50		6.2 185.2
+62.6	M.H. Center alley bet. Sutter & Bush	7.18 184.22
+92		9.9 181.5
28+00		8.0 183.4
+50		7.7 183.7
29+00		7.9 183.5
+50		9.3 182.1
30+00	12.98 178.42 J.P. ② 1.66 180.08	12.3 179.1
+50		2.5 177.6
+81		5.2 174.9

Oct. 1/09

Schulds
Barber
Taylor

Sta.	H.I.	Rod Elev.
31+00	180.08	7.3 172.8
+10		9.2 170.9
+20		8.0 172.1
+34		8.6 171.5
+40		9.5 170.6
+50		9.1 171.0
+63.42	M.H. center alley bet. Sutter & Market	8.52 171.56
+83		10.0 170.1
+88		10.7 169.4
31+94		10.3 169.8
32+00	12.42 167.66 J.P. ③ 1.40 169.06	10.0 170.1
+50		10.1 170.0
33+00	168.06	2.3 166.8
+36.65	M.H. center market	3.27 165.79
+50		3.9 165.2
+60		5.2 163.9

Cont. from page 11

Sta	H.I.	Rod	Elev.	Sta
33+75	169.06	5.8	166.3	38+35
+78		4.0	165.1	+50
+95		5.4	163.7	39+00
34+00		7.3	161.8	+06
+10		7.4	161.7	+12
+18		5.2	163.9	+25
+50		6.4	162.7	+47.68
35+00		7.8	161.3	+50
+50		9.4	159.7	40+00
+57.6 M.H. center alley bet. market & mission		9.74	159.32	+25
36+00		11.1	158.0	+29
+50		12.5	156.6	+33
37+00	13.04	12.2	156.9	+50
+50	156.02 J.P. @			
	0.70	1.3	155.4	41+00
38+00	156.72	6.2	150.5	+10
+12		7.8	148.9	+21
#				

Oct. 1/09 { fields
Barber 12
Taylor

H.I.	Rod	Elev.
156.72	4.5	152.2
	5.1	151.6
	9.0	147.7
	9.9	146.8
	11.4	145.3
	10.3	146.4
	9.97	146.75
	0.8	146.7
	2.7	144.8
	4.1	143.4
	5.6	141.9
	3.6	143.9
	3.2	144.3
	5.6	141.9
	7.1	140.4
	9.6	137.9

0.73
147.48

Cont. from page 12

Sta	H.I.	Rod	Elev.
41+33	147.48	6.2	141.3
+50		6.8	140.7
42+00		9.1	138.4
+14		9.7	137.8
+27		12.6	134.9
+38		9.2	138.3
+50		8.7	138.8
43+00		9.2	138.3
+50	12.84 134.64 J.P. ①	12.5	135.0
+70	0.57 135.21 ✓	2.5	132.7
+79		5.7	129.5
+87		3.9	131.3
44+00		2.8	132.4
+50	M.H. angle 29°25' to R	4.40	130.8
45+00		5.4	129.8
+21		6.5	128.7

Oct 26/09 { Lehigh
Bailey
Taylor } 13

Sta	H.I.	Rod	Elev.
45+50	135.21	10.6	124.6
+64		8.3	126.9
46+00		8.0	127.2
+50		9.3	125.9
47+00		12.5	123.7
+25	1270 122.57 J.P. ② 104 123.57 ✓	3.3	120.3
+50		1.5	122.1
+64	M.H. 19°04' L.R.	0.77	122.8
48+00		1.0	122.6
+50		3.3	120.3
+85	251.25	5.5	118.1
49+00		6.0	117.6
+50		1.7	121.9
50+00		4.2	119.4
+15.25	M.H. center Dove 116' No. center refas	5.22	118.4
+50		7.2	116.4

Cont. from page 13

Sta.		H.L.	Rod	Elev
51+00		123.55	9.6	114.0
+50			11.7	111.9
+97.5	M.H. center of pas +14' East of center Eagle	116.56	6.10	110.44
52+00			6.4	110.2
+08	12.00		7.3	109.3
+50	111.55 TR ③ 5.01 116.56		8.6	108.0
+55			6.6	110.0
53+00			5.5	111.1
+50			6.7	109.9
54+00			9.6	107.0
+50			10.1	106.5
+57.2	M.H. center Eagle		9.87	106.69

Oct 26/09

 {

Childs
 Barber
 Taylor

 14

 61 3 1 3
 2 5 9 7
 6 5 8 4 9

Sept. 16/09 ^{Calistoga} ^{Barber} ^{Taylor} 15

Sta.		H.I.	Rod	Elev.
0+00	N.H. bottom of canyon at Univ. ave & albatross	233.50	29.00	224.50
+12			11.8	221.7
+25	269.08		11.8	221.7
+50	5.01 264.07 J.P.		8.2	225.3
1+00		244.69	9.5	235.2
+50		269.08	12.6	256.5
2+00			8.1	261.0
2+17.6	center valley bet. albatross & Brant	262.11	5.6	256.5

Note - no need of this line.

2822
267.07

2822
267.07

01

Alley bet. albatross & Brant

Sta.	H.I.	Rod	Elev.
0+00	N.H. bottom canyon	220.40	12.62 212.8
+25			9.4 216.0
+50			12.9 224.1
1+00			4.5 245.1
+23.8	hub 15 So. of road	262.11	5.6 256.5
+50	line of university ave.	274.78	9.1 265.7
2+00			6.6 268.2
+47.32	center alley bet. univ. ave. & Douglas	277.08	7.82 269.26
+50			7.6 269.5
3+00			6.4 270.7
+50			5.2 271.9
4+00			4.5 272.6
+05.45	no. line Douglas		3.9 273.2
+50			3.4 273.7
5+00			4.3 272.8
+50			3.9 273.2

Profile
Plotted
A-21

Sept. 17/09

blinds
Barb
Tay
16

from bottom of canyon to Washington

Sta	H.I.	Rod	Elev.
5+68.36	Center alley bet. Douglas & Wash.	277.08	4.4 272.7
6+00			4.4 272.7
+50			3.2 273.9
+75	F.S.		3.07 274.01
			12.95
			236.65 - I.P.
			0.31
			236.96
			12.86
			224.10 I.P.
			13.0
			225.40

alley line bet. Douglas & Washington

Sta. H.I. Rod Elev.

0+00 center alley bet. 272.08 4.4 272.7

Albatross & Brant.

+50 5.6 271.5

1+00 8.9 268.2

+12 9.3 267.8

+50 15.2 261.9

2+00 14.1 263.0

+50 10.2 266.9

3+00 9.5 267.6

+50 9.2 267.9

4+00 9.9 267.2

+50 9.83 267.25

5+00 269.81 2.8 267.0

+50 3.2 266.6

6+00 3.7 266.1

+06 Center of Dowl 4.2 265.6

Profile started
Sheet A - 21

Sept. 17/09 16 birds
Ba 17
Taylor

from alley bet. Albatross & Brant west.

alley line bet. university ave. &
alley bet. albatross & Brant west.

Sta		H.I.	Rod	Elev.
0+00	center alley bet. albatross & Brant.	274.78	5.52	269.26
+50			7.3	267.5
1+00	5.52		7.1	267.7
+50			7.2	267.6
2+00			8.1	266.7
+50			8.7	266.1
3+00			7.5	267.3
+50			8.3	266.5
4+00			9.7	265.1
+50			11.13	263.65
+90		269.81	7.7	262.1
+93			11.5	258.3
5+00	1283 256.98 JP	257.10	1.3	255.8
+11	0.12 257.10 V		1.4	255.7
+29			5.7	251.4
+50		244.67	3.5	241.2

Profile Pktd.
A-21

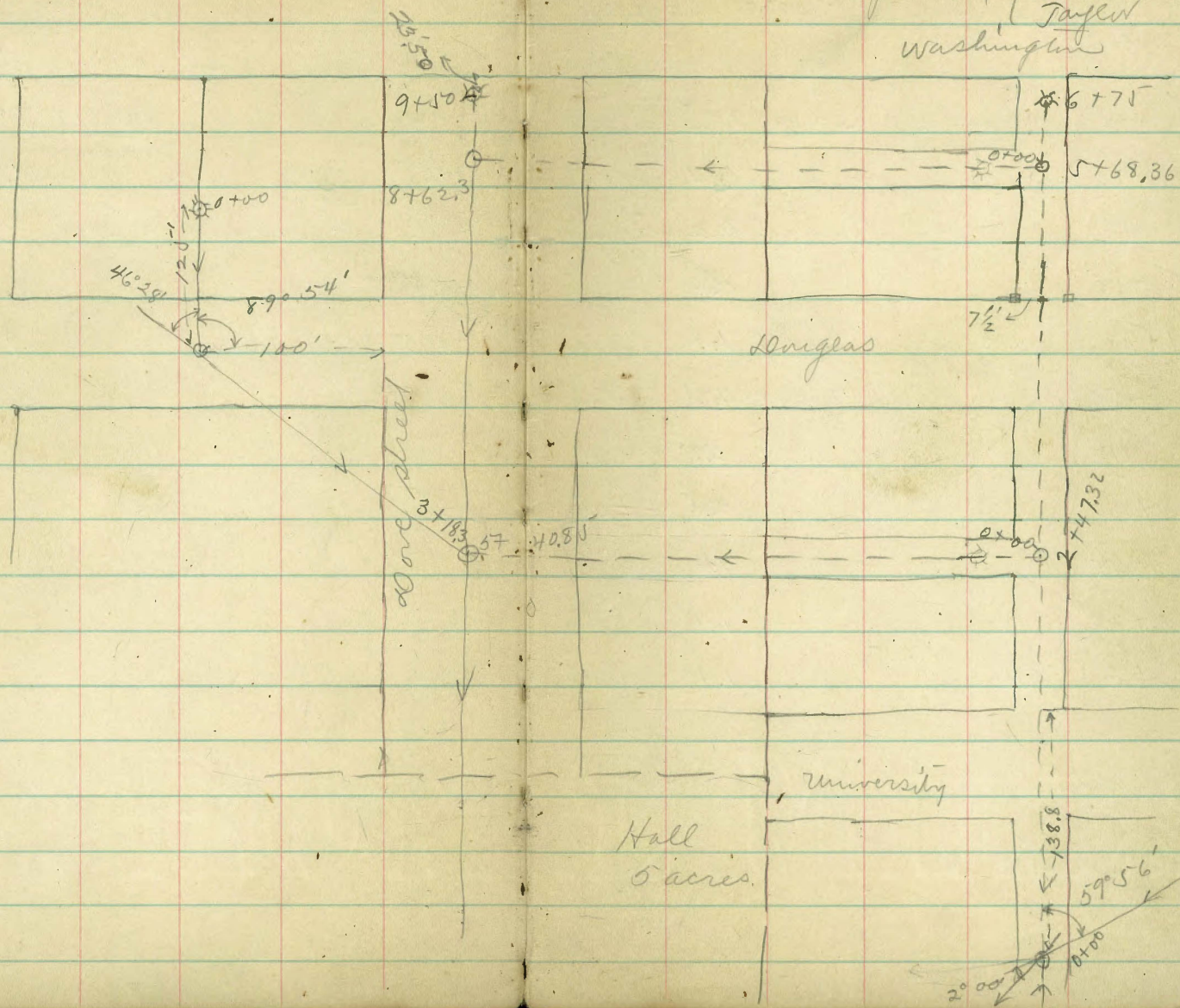
Douglas from
to Dore.

Sept. 17/09 { Childs
Barber 18
Taylor

Sta		H.I.	Rod	Elev.
5+59		244.67	7.8	236.8
+65	1288 237.79 JP 0.61 232.40 V		11.5	233.2
+82		232.40	8.3	229.1
6+00			4.3	228.1
+09.3	Center Dore.	3.98		228.4.2

41

Sept. 18/09 } Childs
Barber 19
Taylor
Washington



18.5 Alleyline bet. Albatross & Brant
from bot. of canyon to Robinson
Sta.

		H.I.	Rod Elev.
0+00	Nix bottom of canyon	225.40	12.62 212.78
+08			13.9 211.5
+18			10.2 215.2
+50			6.4 219.0
1+00	261.77 4.13 265.90	237.0 236.96	6.6 230.4
+50		265.90	15.1 250.8
+70			5.0 260.9
2+00			2.5 263.4
+50			1.4 264.5
3+00			1.4 264.5
+25 F.I.		1.48	264.42

Profile Dated
Sheet A-21

Sept. 18/09
Schilder
Barber
Fayer 20

Brant street & alley bet. Univ.
West of Brant.

Sta.	H.T.	Red
0 + 00 M.H. center of Brant. 70' so. of alley	209.73	8.87 200.86
+ 50		1.1 208.6
+ 70 M.H. center Brant & alley 20' of Univ. ave.	221.04	8.2 212.8
1 + 00		0.8 220.2
+ 50	233.0	
	0.12 232.96	7.0 226.0
2 + 00	220.92 J.P. 12.04 232.96 ✓	4.6 228.4
+ 30	1.80 231.16 J.P. 8.55	4.6 228.4
+ 50	239.71 ✓	5.4 234.3
+ 80 F.I.		3.4 236.3

Profile plotted
sheet A-91

ave & Robinson

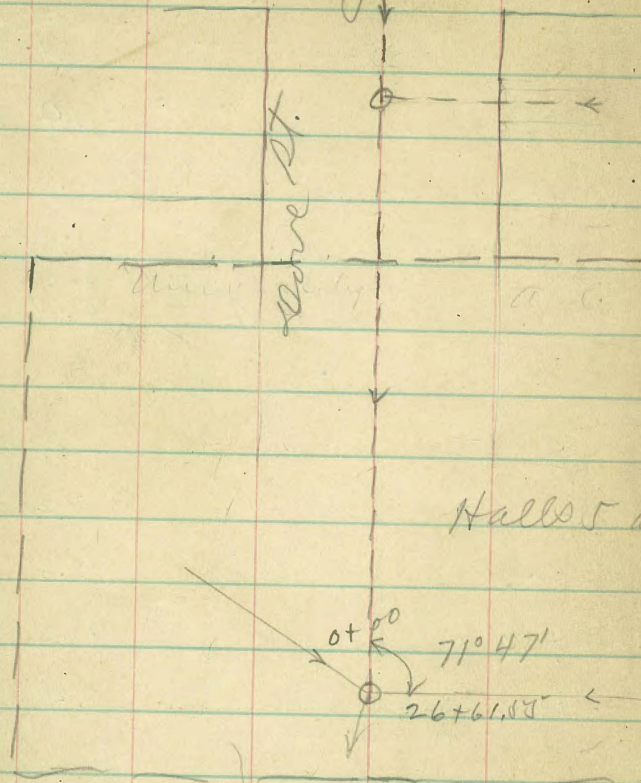
Sept. 30/09
Chields
Barber
Taylor
21
line running from south of Brant.
H.T. River Creek

Sta.	H.T.	Red
0 + 00 M.H. center of Brant	202.96	2.19 200.86
+ 50		0.8
+ 100		5.6
+ 20	m.H. angle	6.17
+ 50		7.6
+ 59		9.3
+ 80		7.2
2 + 00		8.2
+ 50		10.3
+ 57.6 m.H. sta 25 + 10 on main line		11.48 191.48

Oct 18/10
Chields
Barber
Taylor

Lingens

Dove St.



Halls 5 acres

d.

2+57.6
20+710

1+20

95° 20'

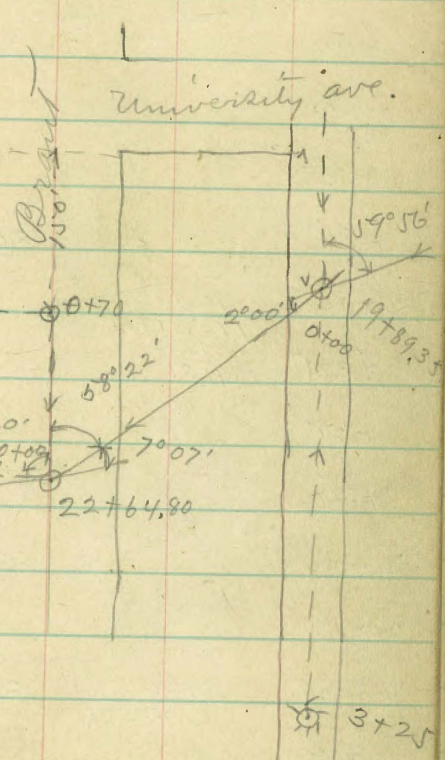
36+00.0+00.0

6° 18'

Sept. 20/09

Leild Barber
Saylor

22



University ave.

19° 56'

2000

19+89.35

3+25

center lane street from Washington to junction of
main line from east.

Sept. 22/09 (Shields
Barber
Taylor) **23**

Sta.	H.I.	Red	Elev.
0+00	196.89	10.25	186.64
+50		5.3	190.6
+100		3.4	193.5
+50		3.6	194.3
+84	208.32	13.7	194.6
2+00	12.81 195.51 J.P. 1.38 196.89	10.0	198.3
+30		4.5	203.8
+50		3.7	204.6
+60		1.5	206.8
3+00	221.0 220.98	6.9	214.1
+50		2.9	218.1
4+00	12.65 219.75 J.P. 1.23 220.98 ✓ 12.97 208.01 J.P. 0.31 208.32 ✓	11.6	220.8
+12		14.4	218.0
+50		8.5	228.9
+93	244.67	8.6	236.1
5+00		9.8	234.9

Sta.	H.I.	Red	Elev.
5+30	232.40	7.4	225.0
+40.85		3.98	228.42
+10	244.67	12.6	232.1
6+00	257.10	4.1	253.0
+15	269.81	11.8	258.0
+50		9.5	260.3
7+00		7.0	262.8
+50	264.46 B.M. 5.35 269.81 H.I.	4.7	265.1
8+00		4.7	265.1
+50		4.2	265.6
+62.3		4.2	265.6
9+00		4.0	265.8
+50		4.1	265.7

M.H. center alley bet.
University & Douglas

M.H. center alley bet.
Douglas & Washington

F.T.

Line bet. Dove & Eagle & connects at center of curve
at center of alley bet. University ave. & Douglas.

Sept. 22/09
Childs
Barber
Taylor

Sta. H.I. Rod Elev.

0+00 F.S. 100' north 257.10 6.9 250.2

+50 Douglas +100' west 244.67 5.2 239.5

1+00 12.81 232.40 4.4 228.0

+08 244.29 (I.P.) 6.2 226.2
0.38
244.67

+12 8.2 224.2

+16 6.7 225.7

+25 N.H. Center Douglas 6.36 226.04

+35 +100' west Dove. 8.1 224.3

+40 9.9 222.5

+50 7.9 224.5

2+00 244.67 13.5 230.2

+50 6.3 238.4

3+00 11.5 233.2

18.3 N.H. Center alley 232.40 3.98 228.4

bet. Univ. ave. & Douglas
& center Dove

Profile plotted
C-1

Alleyline Bet. Bush & Sutter
of Eagle to about 266' west Goldfinch

Sta.		H.I.	Rod	Elev.
0+00	F.S. 120' East	203.51	3.9	199.6
+20	9' north at bottom of canyon.		8.2	197.3
+00	12.57 214.06 H.I. 190.94 J.P. 2.13 201.19 J.P. 2.31 203.51 V	193.50	3.4	190.1
+20	N.H. bottom of canyon of main line		9.19	184.31
+50			9.5	184.0
+05	1260 232.09 J.P. 0.44		9.9	183.6
+60	232.63 V 13.06 219.47 J.P. 1.32		6.5	187.0
2+00	220.86 H.I. 12.90 207.96 J.P. 12.05	214.06	10.8	203.3
+20	255.75 J.P. 1.62 257.37 H.I.	220.86	12.2	208.7
+50	13.04 244.33 J.P. 0.36 244.69 V	232.63	8.3	244.2
3+00		257.37	11.9	245.5
+47.85	East line Eagle	267.80	12.2	255.6
+10			11.8	256.0
4+00			10.5	257.3
+50			10.9	256.9

Profile started

from 347.85 East

Sta.		H.I.	Rod	Elev.
5+00		267.80	11.4	256.4
+50			12.2	255.6
6+00			13.0	254.8
+50			12.6	255.2
7+00			11.5	258.3
+50			10.6	259.2
8+00			9.7	258.1
+50			8.8	259.0
9+00			8.7	259.1
+08	East line Goldfinch	95.4		258.3
+20			10.1	259.7
+23	gutter		10.6	259.2
+50			9.7	258.1
+73			10.6	257.2
+74			9.9	257.9
+88			9.6	258.2

Sept. 23/04
Barber 25
Taylor

Cont. - from page 25

Sta.		H.L.	Rod	Elev.
9+92		267.80	5.9	261.9
10+00	267.02 B.M. 0.78		6.0	261.8
+50	267.80 H.L.		7.0	260.8
11+00			8.0	259.8
+50			8.1	259.7
12+00			8.0	259.8
+50			7.8	260.0
+54	J.I. about 266' west Goldfinch	7.69	260.11	

 Sept 23/09 {

Schields
 Barber
 Taylor

 26

valley line bet. Sutter & Market.
East of Eagle to about 20' East of

Sta. H.I. Rod Elev.

0+00 N.H. bottom of 186.42 14.8 171.6

+50 camp on main 11.3 175.1

1+00 193.50 6.5 187.0

+12 11.84 203.57 12.6 190.9

+50 181.66 JP 4.76 214.06 6.9 207.2

2+00 not less than 12' 232.53 8.8 223.7
deep.

+50 234.26 9.7 224.6

3+00 7.5 226.8

+42 7.1 227.2

+50 9.1 225.2

+66 3.0 221.3

4+00 246.28 4.5 241.8

+15 257.37 8.9 248.5

+35.35 west line Eagle 261.19 6.7 254.5

+50 4.6 256.6

5+00 2.9 258.3

355.

from 355.30

Goldfinch

Sta. H.I. Rod Elev.

5+50 261.19 2.1 259.1

6+00 1.5 259.7

+50 260.11 1.08 259.6

7+00 261.19 2.0 259.2

+50 2.1 259.1

8+00 1.1 260.1

+50 1.3 259.9

+95 P.T. 20' East 3.5 257.7

Goldfinch

Sept. 23/09

Childs
Barber 27
Tayler

valley bet. Sutter & market from west.

50' west Goldfinch

Sept. 24/09

Childs
Barber
Taylor
28

Sta		H.T.	Rod	Elev.
0+00	M.H. bottom of canyon	227.94	11.54	216.40
+08	50' west of Goldfinch		16.7	211.2
+15			11.6	216.3
0+50	1266 226.04 SP. 1.90	238.70	7.3	231.4
1+00	227.94 ✓	261.19	9.4	251.8
+50			6.6	254.6
2+00			5.6	255.6
+18	F.J. 270' west Goldfinch		5.0	256.2

12.11
249.08 SP.

Profile plotted,
Sheet 9-22

Alley line bet. Market
East of pueblo line to 212.9 west
Sta.

Sta.	H.L.	Rod	Elev.
0+00	M.H. bottom canyon on main line about 83' east of west line of dyke	163.14	3.71 159.43
+43		1.8	161.4
+50		175.87	11.6 164.3
+65	12.83 163.04 J.P. 0.10	5.4	170.5
1+00	163.140	186.42	6.4 180.0
+10	0.42 197.21 J.P.	196.83	3.6 193.2
+65	12.86 210.67	209.27	11.6 197.7
2+00		221.62	12.2 209.4
+07	0.17 222.25 J.P. 12.80	8.8	212.8
+50	235.06	234.26	3.6 230.7
+75	0.16 246.92 J.P. 12.80	246.28	6.5 239.8
3+00	259.72	2.6	243.7
+10	not less than 10' deep	258.92	14.0 244.9
+50		13.2	245.7
4+00		11.3	247.6
+50		6.1	252.8

9 mission from 83'
Eagle
Sept. 24/09

Childs
Barber
Taylor
29

Sta.	H.L.	Rod	Elev.
5+00		258.92	1.3 257.6
+37.1	Westline Eagle	261.48	2.6 258.6
+50	0.42 259.30 J.P. 2.69	2.1	259.1
6+00	261.99	1.6	259.6
+50		1.6	259.6
7+00		1.7	259.5
+50	J.J. 212.9 west Eagle	1.01	260.17

Profile plotted
Sheet 4-23

29/1
11/1
2

alley bet. market & mission

Sta.	H.L.	Rod	Elev.
0+00	F.S. 232.9 west Eagle	19.6	259.23
+50		26.18	258.7
1+00		3.3	257.9
+50	19.6	4.6	255.6
2+00	259.23 J.P.	6.2	255.0
446.9	East line of Goldfinch	10.0	251.2
+50		10.5	250.8
3+00	259.23 19.5 26.18	12.38 238.70 248.80 J.P.	11.9 226.8
+50	2.03 250.83	217.01	8.8 212.2
4+00	12.93 237.90 J.P.	195.35	1.8 193.5
+20	0.80 238.70	8.3	187.0
+33	N.H. bottom of Canyon	13.96	181.39
+40	227.94 12.93	17.6	177.7
+50	215.01 J.P. 2.00	14.6	180.7
5+00	12.78 194.56 J.P.	5.2	190.1
+50	0.80 195.35	207.33	9.2 198.1

from 232.9 west Eagle

Sept. 24/09

J. Childs
Barber
Tayler
30

Sta.	H.L.	Rod	Elev.
5+70	F.S. about 353' west of East line Goldfinch	207.33	10.40 196.9

Profile Plotted
Sheet A - 5

alley line bet. Mission and
East Eagle to 90.6 East Eagle &
Sta.

		H.I.	Rod	Elev.
0+00	M.H. bottom of main line	158.64	11.80	146.84
+50		163.14	11.5	151.6
1+00	12.23 150.91 J.P. 7.73 158.64 ✓ 0.93 185.49 J.P.	175.87	10.5	164.4
+50	as 186.42	3.3	183.1	
2+00	13.09 174.33 J.P.	209.27	10.2	199.1
+30	1.54 175.87 ✓	221.62	12.9	208.7
+50	12.14 197.63 H.I.	234.26	18.3	216.0
3+00	0.59 209.48 J.P. 12.94 222.42 ✓	246.28	8.0	238.2
+30		258.92	6.3	252.6
+50	0.72 234.34 J.P. 12.74 247.08 ✓		4.6	254.3
4+00			2.9	254.0
+50			3.1	255.8
+55	F.I. 90.6 East of Eagle	3.47	255.45	

Profile Chart
Sheet A-25

Bavels, from 545.6
from 70.6 East Eagle to Sept 25/09

		H.I.	Rod	Elev.
0+00	dead end 70.6 East of Eagle	258.92	4.93	253.99
+05			5.3	253.6
+38	12.63 247.09 J.P.	235.05	4.2	230.9
+50	246.28 J.P. 1.01		10.2	244.8
+87	217.29 13.60 234.69 J.P. 0.36	222.41	12.7	209.7
+91	M.H. bottom of canyon 235.03 ✓ 13.03 222.02 J.P. 0.39 222.41 ✓		10.96	211.45
+1+00			7.9	214.5
+50		235.05	4.9	230.1
+50.6	West line Eagle		4.8	230.2
+60		247.29	11.2	236.1
2+00			4.6	242.7
+10			4.5	242.8
+25			10.1	237.2
+50			13.8	233.5
+77			17.5	229.8
3+00			10.6	236.7

Profile Chart
Sheet A-23

Childs
Barber
Taylor

Cont. from page

31

Sta.	H.I.	Rod	Elev.
3+18	247.29	1.1	237.2
+26	261.18	8.2	253.0
+28 F.T. 177.4 west Eagle street	8.07	253.11	
0+00 F.T. 197.4 west Eagle.	261.18	7.71	253.47
+50	238.70	6.5	232.2
1+00 $\begin{smallmatrix} 3.50 \\ 209.51 \text{ JP} \\ 10.54 \\ 220.05 \end{smallmatrix}$	220.05	0.2	219.8
+30	217.01	9.0	208.0
+50		12.5	204.5
2+00 $\begin{smallmatrix} 132.8 \\ 204.73 \text{ JP} \\ 2.60 \\ 207.33 \end{smallmatrix}$	207.33	8.1	199.2
+15		13.3	194.0
+50	183.09	3.6	179.5
+81.4 Eastline Goldfinch		14.8	168.3
+85		18.5	164.6
+90		10.1	168.0
3+00		13.9	169.2

Sept 27/09 { Childs Barber 32 Taylor

Sta.	H.I.	Rod	Elev.
3+50	183.09	9.2	173.9
4+00	170.47	3.5	167.0
+50		8.9	161.6
+73 NW bottom of canyon,	12.73	157.74	
+80	15.8	155.0	
+97	13.7	156.8	
5+00 $\begin{smallmatrix} 129.3 \\ 182.42 \text{ JP} \\ 0.67 \\ 183.09 \end{smallmatrix}$	11.0	159.5	
+50	183.09	9.0	174.1
6+00 $\begin{smallmatrix} 12.92 \\ 170.17 \text{ JP} \\ 0.30 \\ 170.47 \end{smallmatrix}$	19.535	10.7	184.6
+34 F.T. 272.6 west of Goldfinch	7.5	187.8	

Partial a-gt

473
2811
1912

Bush

12+54
266

2+18
0+00
80+24

Goldfrich

8+95
203

Market

5+70
106.7
246.9

5 acres

Sept. 27/09
Bullock
Jensen

see
page 22

227.85
0+00

353.35

81+63.42
0+00

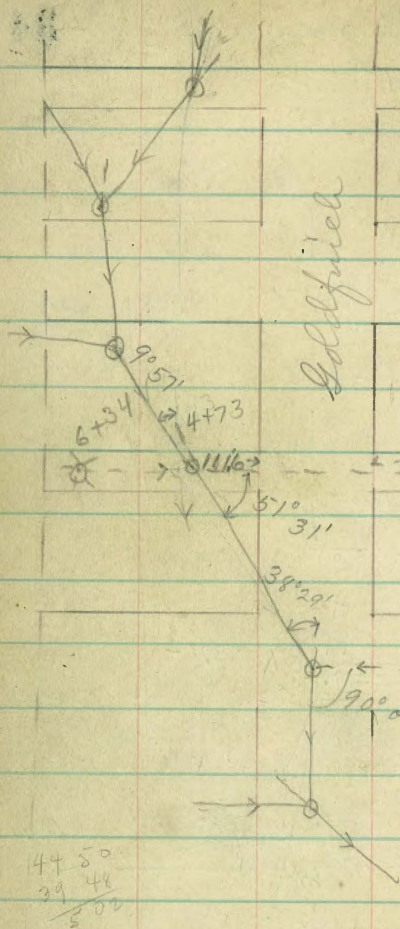
see page
38

33+36.65
9+15.5

Note this
line was the
one constructed

147.1
330.4
4+10.47

see page
34



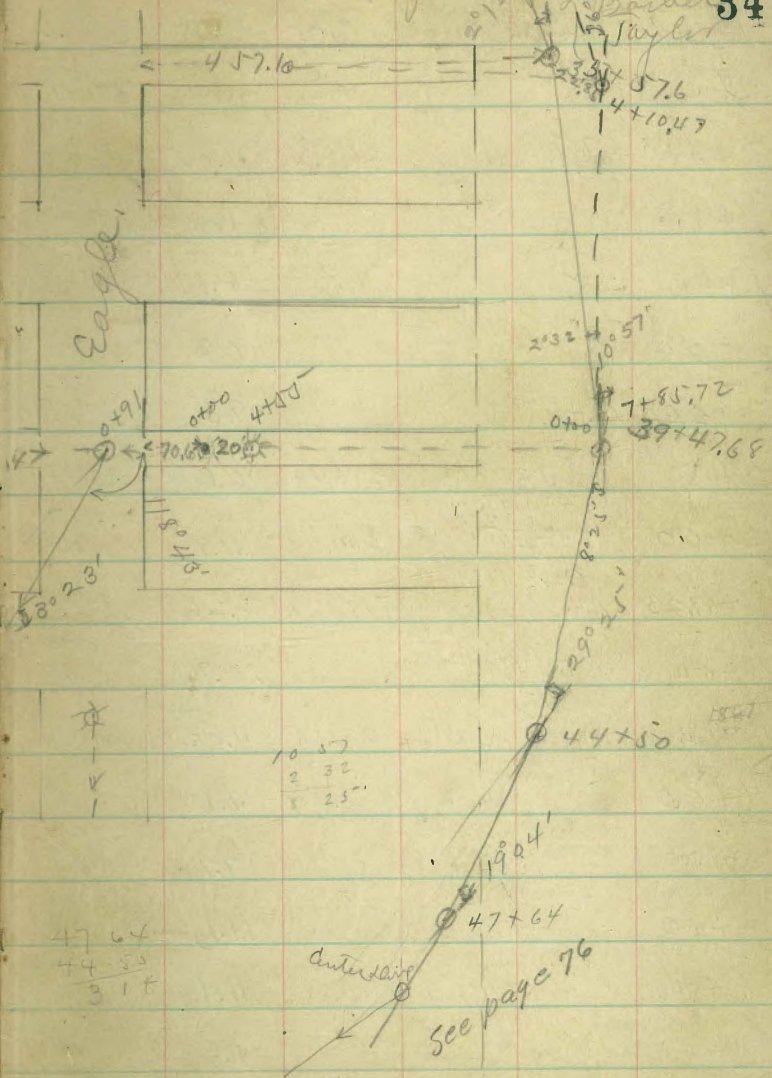
394768
3103.42
78426

756
78570
4101
37520

(mission)
Torrence St.

Brooks

Sept. 28 1894
Barber 34
Taylor



10 57
2 32
8 25

antenna
See page 76

Line on Robinson & Hawley
to center market, & west on

Sta.		H.I.	Rod	Elev.
0+00	F.I.	268.36	4.94	263.42
+50			5.6	262.8
1+00			6.1	262.3
+50			6.8	261.6
2+00	M.H.		9.5	258.9
+50	12.79 253.58 J.P. ③	256.40	6.6	249.8
3+00	0.82 256.40 ✓	244.24	4.9	239.3
	12.91 243.49 J.P. ④			
+07.23	M.H. 0.75 244.24 ✓ about 15' deep		6.26	238.0
+50	12.95 237.29 J.P. ⑤		10.9	233.3
	0.36 237.33 ✓			
+98.68	M.H. Center alley 231.55 bet. Robinson & Slone.		4.02	227.5
4+00	about 14' deep		4.1	227.4
+50	12.55 219.00 J.P. ⑥		7.7	223.8
	0.84 219.88 ✓			
5+00	12.73 207.15 J.P. ⑦		11.1	220.4
	0.56 207.71 ✓			
+50	about 11' deep	219.88	4.4	215.5
6+00			8.8	211.1
+50			13.2	206.7

from alley west of albatross
market to bottom of canyon. ^{Sept. 28} ^{Barber} ³⁵
Taylor

Sta.		H.I.	Rod	Elev.
7+00		207.71	7.5	200.2
+00.2	M.H.		7.55	200.1
+50	12.87 194.84 J.P. ⑧	195.17	2.7	192.5
	0.33 195.17 ✓			
8+00	12.94 182.23 J.P. ⑨		10.5	184.7
+20	0.38 182.61 ✓		13.0	182.2
+50	18.06 169.55 J.P. ⑩	182.61	6.5	176.1
	0.42 169.97 ✓			
+80	170.9 169.97		1.6	178.4
9+00			3.7	166.3
+18.8	M.H. Center Market To main canyon line		4.17	165.80

Profile plotted
sheet A-24

1584.3
10.54

Market, st. line from Hawley East.

Sept 28/09 | *Edwards*
Barb | **36**
Jensen

Sta.	M.I.	Rod	Elev.
0+00	M.H. Center ²⁰⁷⁷¹ Hawley	7.55	200.16
+50	Market	5.0	202.7
+100		3.8	203.9
+150		5.8	206.9
+200		1.7	206.0
+250		1.6	206.1
	F.I.	1.28	206.43

Profile Plotted
Sheet A-24

Harvey St, from canyon to.
So. line of Id. land.

Sta.		H.L.	Rod	Elev.
0+00	M.H. Center Harvey	182.61	7.13	175.5
+07	+ bottom of canyon		10.2	172.4
+11			8.0	174.6
+35			1.8	180.8
+42		195.17	9.9	185.3
+50			8.6	186.6
1+00			9.4	185.8
+25			8.4	186.8
+33			10.9	184.3
+50			10.4	184.8
+65	F.J.		10.42	184.5

Profile Plotted
Sheet 2

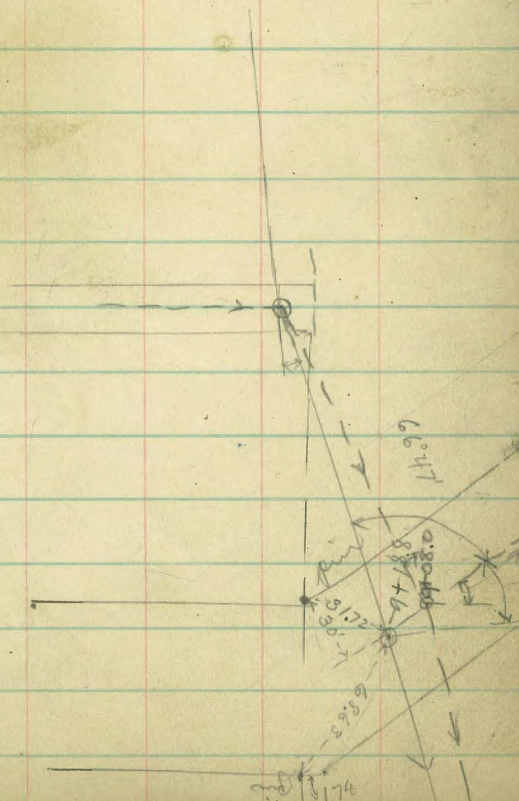
3 Market to

Sept 28/09
Schultz
Barber
Jager

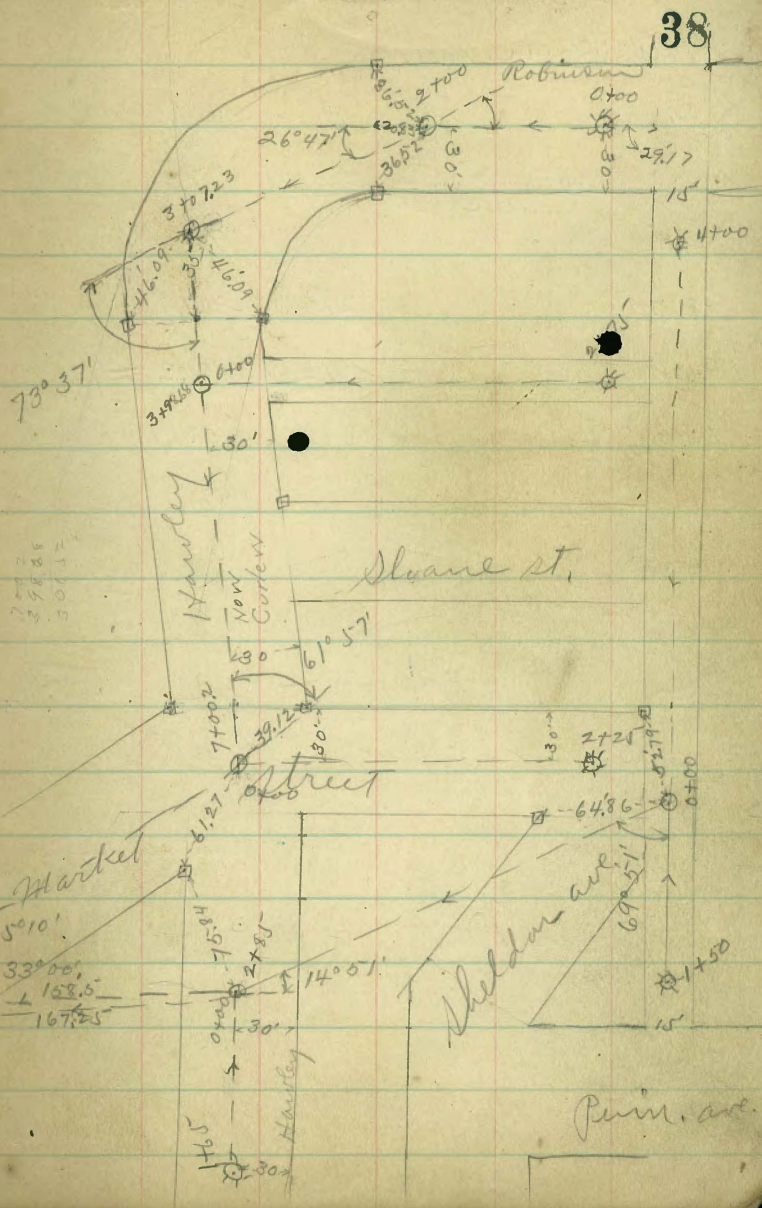
37

Sept. 29/09 { Childs
Barber
Taylor

375.25
410.47
785.72



375.25
398.86
501.12



alley west of allatrons from
to Penn. ave.

Sta.		H.L.	Rod	Elev.
0+00	N.H. bottom of canyon	207.71	8.76	198.95
+05			9.7	198.0
+50		217.66	6.1	211.6
1+00		242.61	12.2	230.4
+50	F.J.		5.9	236.7

Profile
Sheet A-24

bottom of canyon

Sept. 29/09

Childs
Barber
Taylor

39

alley ~~bet.~~ west of albatross from
North to Robinson ave.

bottoming canyon

Sept. 29/09 ^{Helldicks} Barber 40
Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. bottoming canyon	207.71	8.76	198.95
+50		217.66	2.2	215.5
	267.06 B.M.			
1+00	130	242.61	6.4	236.2
	268.36 ✓			
+50	13.00	255.40	5.3	250.1
	255.36 J.P.D.			
	0.04			
+75	255.40 ✓	268.36	13.1	255.3
	12.88			
	242.52 J.P.D.			
2+00	0.09		11.1	259.3
	242.61 ✓			
+50	206.43		8.9	259.5
	11.23			
	217.66 ✓			
3+00			6.9	261.5
+50			6.1	262.3
4+00	H.J. near Robinson	5.10		263.3

Profile plotted
W-25

Canyon line from alley west of
main line in bottom of canyon at

Sta		N.I.	Rod	Elev.
0+00	M.H. bottom of canyon in alley west of albatross	207.71	8.76	198.95
+47			9.8	197.9
+50			11.2	196.5
+57	194.8 V J.R. ① 281 197.65 V	197.65	4.3	193.3
1+00			10.1	187.5
+50		195.17	10.7	184.5
2+00		182.61	1.8	180.8
+50			4.6	178.0
+85	M.H. Center Hawley St.		7.13	175.5
3+00			6.6	176.0
+07			8.5	174.1
+40			10.4	172.2
+50			9.6	173.0
+70			8.9	173.7
4+00			12.7	169.9
+10		169.97	2.1	167.9

albatross to
Center Market St.

Sept. 29/09

bluffs
Barb
Taylor
41

Sta		N.I.	Rod	Elev.
4+50		1700 169.97	4.4	165.6
+52.25	M.H. Center Market on main line		4.7	165.80

Profile plotted
K-55

alley line bet. Robinson & Sloane
Hawley,

Sta.	H.S.	Rod	Elev.
0+00	W.H. under Hawley	231.55	4.02 227.53
+12		3.3	228.3
+16		1.0	230.6
+50		250.56	12.8 237.8
1+00	not less than 10' deep.	3.0	247.6
+50		262.74	9.6 253.1
2+00		4.1	258.6
+50		2.1	260.6
+75	J.I.	268.36	6.97 261.39

261.39

1.35

262.74 ✓

12.91

249.83 J.P. ✓

0.73

250.56 ✓

Proposed
Sheet A 25

from Edgelynd to

Sept. 29/09

Belvidere
Barber
Taylor

42

Line on Eagle from 20' to. of
bottom of canyon in Hall's

Sta	H.I.	Rod	Elev.
0+00	F.S. 20' 20.4	271.10	1.40 269.7
+50			1.3 269.8
1+00	263.05 B.M. 8.05 271.10		0.9 270.2
+50			2.3 268.8
2+00			3.4 267.7
+50			4.5 266.6
3+00			5.8 265.3
+50			6.7 264.4
4+00			7.3 263.8
+50			7.3 263.8
5+00			6.4 264.7
+50			6.1 265.0
6+00			5.6 265.5
+20			6.0 265.1
+30			8.0 263.1
+50			8.4 262.7

Profile plotted
N. 25-

Levis to
5-acre tract.

Sept. 30/09

Builds
Barber
Taylor 43

Sta	H.I.	Rod	Elev.
6+98.6	263.92	1.9	262.0
7+00		1.9	262.0
+50	263.05 0.87 263.92	2.4	261.5
8+00		3.0	260.9
+50		3.5	259.4
9+00		3.9	260.0
+50		4.6	259.3
10+00		4.9	259.0
+50		4.7	259.2
11+00		3.8	260.1
+50		3.7	260.2
12+00		3.7	260.2
+50		2.9	261.0
13+00		1.6	262.3
+50		2.0	261.9
14+00		4.1	259.8

Cont. from page 43.

Sept. 30/09 { St. Childs
Barber 44
Tangle

Sta.		N.T.	Rod	Elev.
14400.15	N.H. center alley bet. Bush & J	263.92	4.09	259.83
14726	Douglas.	263.51	5.9	257.6
+50		259.83		
		3.68	12.9	250.6
		263.51		
15700		13.01	238.47	6.9
		250.50 J.P. (4)		231.6
+50		0.28		
		250.78	215.05	2.4
		12.84		212.7
		237.94 J.P. (5)		
+75	M.H. bottom of Canyon. center Eagle produced.		11.91	203.14

0.53
238.47
12.41
226.06 J.P. (6)
0.30
226.36
12.94
213.42 J.P. (7)
1.63
215.05

Line in alley bet. Bush &
Halls Acres to Bayless.

Sta		H.I.	Rod	Elev.
0+00	M.H. center Eagle	263.51	3.68	259.8
+50			3.5	260.0
1+00			8.0	255.5
+40			9.7	253.8
+50	$\frac{13.25}{253.5950}$	267.84	11.5	256.3
2+00			6.3	261.5
+50			5.4	262.4
+80.17	M.H. center Falcon produced		6.09	261.7
3+00			6.2	261.6
+50			6.7	261.1
4+00			7.4	260.4
+50			6.6	261.2
5+00			6.0	261.8
+29			6.4	261.4
+30			7.4	260.4
+50			6.4	261.4
+60.15	M.H. center Goldfinch		6.49	261.3

Profile Blatted
10-26

Kinglas from

Sept. 30/09 Held 45
Barber
Taylor

Sta.		H.I.	Rod	Elev.
5+80		267.84	7.2	260.6
+81			6.5	261.3
6+00			6.2	261.6
+50			4.1	263.7
7+00			4.2	263.6
+50			3.4	264.4
8+00			2.2	265.6
+50			1.7	266.1
+60	F.S. about 265' west of Goldfinch		1.5	266.3

Falcon st. line from center alley bet Bush +
Douglas to Getti.

Sept. 30/9 ^{Leibold} 46
^{Barber}
^{Taylor}

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
0+00	M.H. center ally bet Bush & Douglas	267.84	6.09	261.7	6+95		271.65	6.9	264.7
+50			3.7	264.1	7+00			7.2	264.4
1+00			3.0	264.8	+50	6.15		6.7	264.9
+50	3.20 264.64 M.D. 7.07 271.65	271.65	6.6	265.0	+69			5.9	265.7
2+00			5.3	266.3	+80			3.7	267.9
+50			4.4	267.2	8+00			3.3	268.3
3+00			4.0	267.6	+50			3.1	268.5
+50			4.8	266.8	9+00			2.7	268.9
4+00			5.3	266.3	+50			3.9	267.7
+20	No. line Douglas		5.6	266.0	10+00			4.8	266.8
+50			5.7	265.9	+50	F.I. about 19' from Gatti		5.7	265.9
5+00			5.5	266.1					
+50			7.1	264.5		265.50			
6+00			7.0	264.6					
+50			5.5	266.1					
+93			5.7	265.9					

Profile Blatted
Sheet A-26

Fr. J. about 19'
from Getti

265.50

Goldfinch St. line from center
to Ketter.

alley bet. Bush & Douglas

Sept. 30/09
Childs
Barber
Taylor 47

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
0+00	M.H. center alley bet. Bush & Douglas	267.84	6.49	261.3	7+50		267.84	1.4	266.4
+50		267.84	6.0	261.8	8+00			0.6	267.2
1+00			5.4	262.4	+50			0.5	267.3
+50	267.02 B.M. 0.82 267.84		5.0	262.8	9+00			+0.2	267.6
2+00			4.5	263.3	+50			-0.1	267.9
+50			4.0	263.8	10+00			-0.6	268.4
3+00			3.4	264.4	+50	F.S.		-1.0	268.8
+50			2.9	264.9					
+70.13	Ro. line Douglas		2.7	265.1					
4+00			2.1	265.7					
+50			1.7	266.1					
5+00			1.5	266.3					
+50			1.3	266.5					
6+00			1.2	266.6					
+50			1.1	266.7					
7+00			0.9	266.9					

Profile plotted.
Sheet A-26

Profile plotted.
Sheet A-26

10+50

10+50

Eddypine

Falcon

8x60

5+60.15

2+80.17

Bush

Lewis

0+00

Oct 1/09

Lehilds
Barber
Taylor

Getti

washington

Longus

Eagle

14+00.15
15+75
18°33'

1+50

60°23'
30°52'
71°47'
26+61.55
27+62.6

Canyon line from center
center above in Hall's 5 acres

Sta		H.I.	Rod	Elev.
0+00	M.H. center Eagle near Bush	203.96 204.0	0.82	203.14
+50			1.5	202.5
+85			2.9	201.1
1+00			4.2	199.8
+10			6.1	197.9
+50	M.H.		8.0	196.0
2+00	12.87 191.09 J.B.O.		10.3	195.7
+50	0.31 191.40 ✓	191.40	1.7	189.7
3+00			4.6	186.8
+02.5	M.H. center curve 4 on main line		4.77	186.63

Profile plotted
M-26

Eagle near Bush to
Oct. 1/09

Blind's
Barber 49
Taylor

Jackdaw St. from M.H. on curve
to Brooks.

Sta		H.I.	Red	Elev.
0+00	M.H. on curve	264.16	5.01	259.15
+50	So. of market	261.63	3.8	257.8
+90	No. End of Tangent		4.9	256.7
1+00	Just South of market.		5.1	256.5
+50	264.16 ✓		5.4	256.2
2+00	259.15 248 261.63 ✓		5.6	256.0
+50			5.9	255.7
3+00			6.5	255.1
+05	So. End Tangent		6.5	255.1
+35	M.H. 60°30' R		6.91	254.7
+50			6.3	255.3
4+00			6.6	255.0
+20	M.H. 57°50' R		7.72	253.9
+50			7.9	253.7
5+00			9.1	252.5
+50			10.7	250.9

Profile plotted
Sheet A-26

So. of market

Oct. 2/09

Childs
Barber
Saylor 50

Sta		H.I.	Red	Elev.
5+55	M.H.	261.63	10.80	250.8
6+00	13.03 248.60 V.P. ① 0.97 249.59 ✓ 12.63 236.91 J.P. ② 0.37 237.49 ✓	249.59	2.5	247.1
+15			4.2	245.4
+50		237.49	3.4	234.1
+57.37	M.H.		5.58	231.9
+60			6.8	230.7
+64			8.6	228.9
+67			7.7	229.8
+86			4.0	233.5
7+00			3.0	234.5
+50		249.59	11.4	238.2
+85			7.2	242.4
8+00			6.7	242.9
+50			5.0	244.6
+95	F.T. about 22' No. of Brooks		2.17	247.4

Market st, line west of
to Middletown add.

Sta	H.I.	Rod	Elev.
0+00	M.H. Center Market	272.02	8.1 263.9
+50	+ Jackdaw.	5.5	266.5
1+00		4.2	267.8
+50		4.0	268.0
2+00	0.25	2.3	269.7
+50	271.27 J.P. ① 10.00 281.27	0.7	271.3
3+00	281.27	8.0	273.3
+50		5.6	275.7
4+00		4.7	276.6
+50		4.3	277.0
5+00		4.6	276.7
+50		5.2	276.1
6+00		6.3	275.0
+50		8.4	272.9
+65	F.J.	9.35	271.9

Profile plotted.
A. 26

Jackdaw

Oct. 4/09

Shields
Barber
Tayler

51

Sta

line on Jackdaws from center of
131.63 S.E.

Sta.	H.T.	Rod Elev.
0+00	M.H. on curve just 20. of market	272.02 12.87 259.1
+50		11.6 260.4
1+00		10.0 262.0
+31.63	M.H. center market & Jackdaws.	8.1 263.9
	259.15 12.87 272.02	

Profile plotted

2-26

market st. Oct. 4/09

Schields
Barber
Taylor

52

[illegible][illegible]

53

Campfire line from center of
Brooks to center galley bet. Brooks &

Jackdaws just no. of
mission in bottom of canyon

Oct. 4/09.

Shields
Barlow
Taylor

54

Sta.		H.I.	Rod	Elev.
0+00	M.H. center Jackdaws just no. of Brooks	237.49	5.58	231.9
+50			10.4	227.1
1+00	12.64	225.79	6.6	219.2
+25	224.85 J.P. ① 6.94 225.79		12.8	213.0
+30	13.04 212.75 J.P. ② 6.45 213.20	213.20	2.5	210.7
+50	12.83 200.37 J.P. ③ 1.01		4.0	209.2
+57	M.H. 201.38		3.88	209.3
+74	13.05 188.33 J.P. ④ 0.68 189.01		6.5	206.7
+82	12.97 176.04 J.P. ⑤ 0.39 176.43		8.4	204.8
2+00			9.2	204.0
+50			12.8	200.4
3+00		201.38	3.1	198.3
+50			8.1	193.3
4+00			11.9	189.3
+50		189.01	6.4	182.6
5+00			12.6	176.4

Profile plotted
R-27

Sta.		H.I.	Rod	Elev.
5+50		176.43	3.9	172.5
+62	12.96		4.9	171.5
+65	163.47 J.P. ⑥ 2.45 165.92		8.9	167.5
+87			9.9	166.5
+90			7.6	168.8
6+00			8.7	167.7
+50			12.8	163.6
+73	M.H. junction y other line	165.92	5.52	160.4
+79			6.8	159.1
7+00			6.1	159.8
+50			7.0	158.9
+83.8	M.H. center alley bet. Brooks & mission street		8.12	157.80

Canyon line from sta. 6+73 on
Center alley bet. Sutter & Market

pages 4 to

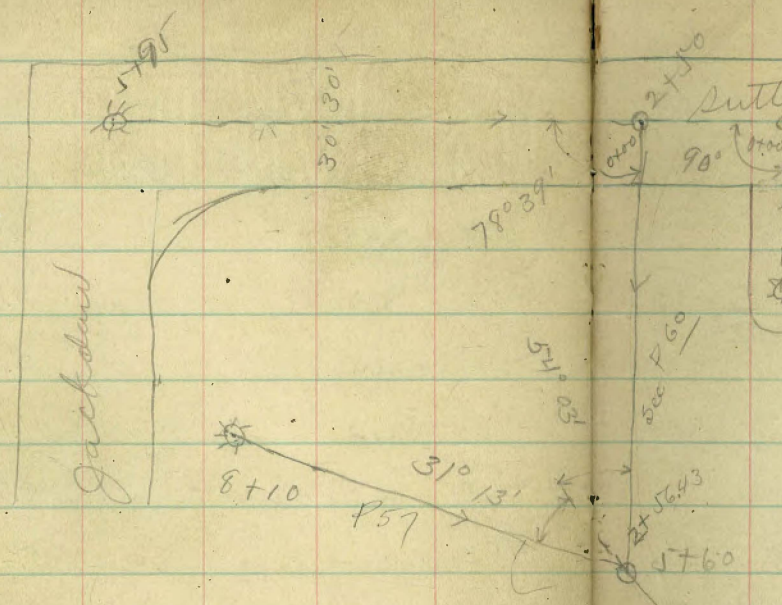
Oct. 5/09

Lehigh
Barber
Taylor 55

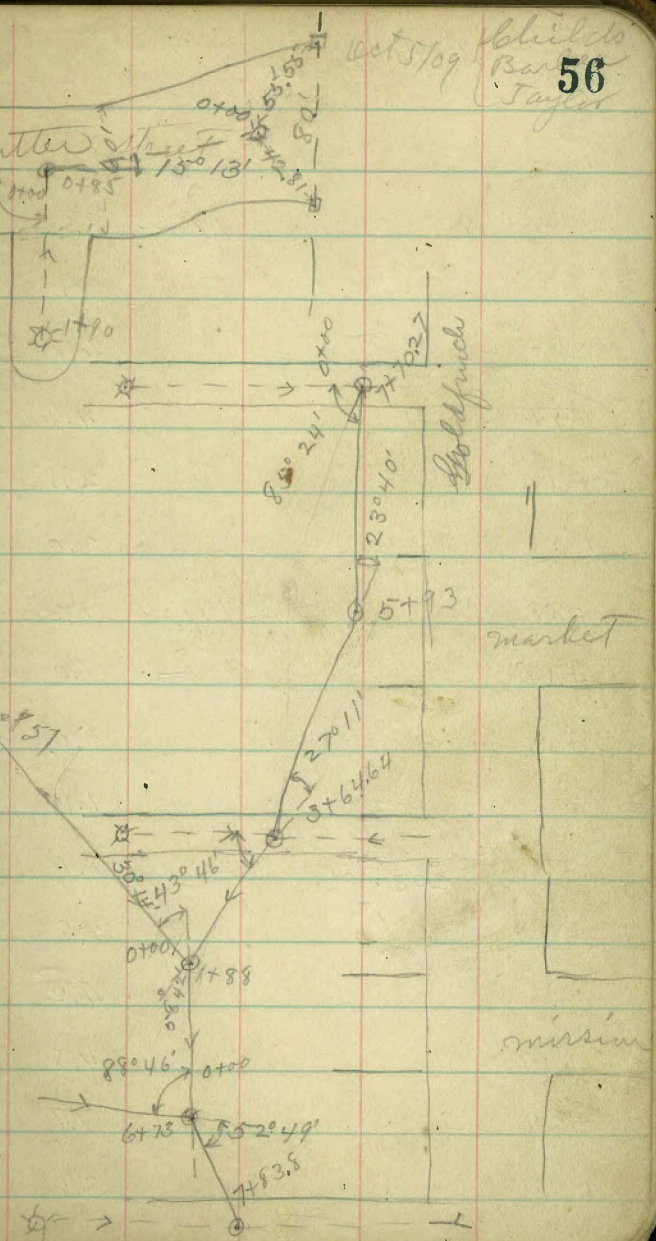
Sta.	H.L.	Red	Elev
0+00	M.H. = 6+73 on Page 54	165.92	0.52 160.4
+50		3.0	162.9
1+00		176.43	10.8 165.6
+12	96.5	11.2	165.2
+20	166.78 J.P. (10) 11.55 178.33 ✓	12.6	163.8
+33	0.05 178.28 J.P. (10) 12.76 191.04 ✓	178.33 12.5	165.8
+50		13.6	164.7
+60		11.8	166.5
+88	M.H.	9.32	169.0
+96		9.7	168.6
2+00		12.0	166.3
+03		9.6	168.7
+50		7.6	170.7
3+00		4.6	173.7
+50		191.04 14.0	177.0
+64.64	M.H. center alley bet. Market & Mission	9.60	181.44

Profile plotted
K-27

Sta.	H.L.	Red	Elev.
3+87	191.04	8.7	182.3
4+00		10.2	180.8
+50		7.1	183.9
5+00		2.2	188.8
+50	203.00	11.1	191.9
+60		8.7	194.3
+93	M.H.	5.28	197.7
6+00		5.5	197.5
+50		2.9	200.1
7+00	202.55 J.P. (10) 12.26 214.81 ✓	10.5	204.3
+10	0.24 214.60 J.P. (10) 4.79 219.39 ✓	8.5	206.3
+25		3.2	211.6
+50	219.39	4.0	215.4
+70.27	M.H. Center alley bet. Sutter & Market	2.97	216.42



See P 24
P 75 + 76



Camp line from Sta. 1788			
Jackdaw Street			
Sta	H.S.	Rod	Elev
0+00	M.H. = 1488 page 178.33	9.32	169.0
+50		7.0	171.3
1+00		6.0	172.3
+11		4.1	174.2
+50		2.5	175.8
+75		2.0	176.3
2+00		11.2	179.8
+50		9.0	182.0
3+00		5.0	186.0
+50		1.1	189.9
4+00	0.28 190.76 J.P. (2) 12.34 203.00	8.1	194.9
+50		5.8	197.2
5+00		4.2	198.8
+17		4.8	198.2
+24		7.9	195.1
+38		3.6	199.4

Page 55 to

Oct. 6/09			
Lehilds Barber Taylor 57			
Sta	H.S.	Rod	Elev
5+50		2.2	200.8
+60	M.H. Junction	10.31	201.6
6+00	q. camp = 2+56.43 on line from Sutton Street	2.9	209.0
+50	0.53 202.47 J.P. (3) 9.42 211.89	8.2	215.6
7+00	0.30 211.59 J.P. (16) 12.25 223.84	2.6	221.2
+09		3.4	220.4
+18		11.0	234.4
+50	0.76 234.60 J.P. (8) 12.83 247.43	5.7	229.7
8+00	0.66 246.77 J.P.	6.5	240.9
+10	F.T. near Jackdaw	4.80	242.6

Project Station
178-27

Sutter street from Pueblo
to Jackdaw.

Sta	H.I.	Rod	Elev.
0+00	F.I. Center Sutter near Pueblo line.	4.28	256.2
+50		4.1	256.4
+85	M.H. Center Sutter + 40' street on	4.15	256.3
1+00	South.	4.8	255.7
+50	260.11 0.40 260.51	7.7	252.8
2+00		11.1	249.4
+50	drop M.H. on Canyon line.	12.64	247.87
3+00		11.1	249.4
+50		7.6	252.9
4+00	0.27	4.2	256.3
+50	260.24 J.P.O. 3.05 263.29	1.7	258.8
5+00		0.5	260.0
+50	263.29	2.7	260.6
+95	F.I. near Center of Jackdaw	2.63	260.7

Sheet A-28
Profile plotted

line west of Goldfinch

Oct 6/09
Schultz
Barber
Taylor

40' Street 20. of Rutter
 No bet. Goldfish & Jackson
 Sta. H.T. Rod Elev

0+00	center Rutter	260.51	4.15	256.36
+50	400 ft going 20.	263.29	6.1	259.2
+100			6.6	256.7
+150			7.4	255.9
+200	Fin. or dead end		7.72	255.57

Profile plotted
 Sheet 8-28

Oct. 6/09 { Lohrle
 Barber
 Taylor 59

Canyon line from Sta. 2+50 on
to Sta. 5+60 on canyon line up

Sta. H.I. Rod Elev.

0+00	2+50 on cut line M.H. Center Sutter bit, gold pinch & push bar	252.98	5.13	247.85
+25			5.9	249.1
+50		235.36	6.3	229.1
+63		223.84	2.8	221.0
1+00	0.62 223.22 J.P. (17) 12.14 235.36 ✓		10.3	213.5
+50		211.89	2.1	209.8
2+00	246.77 J.P. (19) 6.21 252.98 ✓		4.5	206.4
+32			8.5	203.4
+45			11.2	200.7
+50			13.0	198.9
+56.43	M.H. = 5+60 on other canyon line		10.31	201.6

Profile Blatted

A-28

Sutter St. line
to Jack and St.

Oct 13/09
Childs
Barber
Taylor
60

Puterbaugh Street from
Kite to Lark Street

center of

Oct 13/09

Schilch
Barber
Jaye 61

Sta.	H.I.	Rod	Elev.
0+00	M.H. Center Kite 271.78	9.95	261.8
+50	+ Puterbaugh	7.9	263.9
1+00	261.83 9.95 271.78 ✓	6.2	265.6
+50		4.6	266.2
2+00		3.2	268.6
+50	H.I. about 2' from Lark Street	2.9	268.9

Profile plotted
A-28

Kite street from center
Sta. 5+6.85 north of Torrance.

Sta. H.E. Rod Elev.

0+00 M.H. center Kite 259.98 2.44 257.54
+ Brooks

+50 268.57 9.5 259.1

1+00 8.0 260.6

+50 7.2 261.4

+77.85 M.H. center Kite 6.74 261.83

+ Puterbaugh 2+00 6.4 262.2

+50 264.28 J.P. ① 6.3 262.3

3+00 268.57 10.95 7.1 261.5

+50 257.62 J.P. ② 6.5 262.1

4+00 259.98 5.3 263.3

+50 4.1 264.5

+75.05 M.H. center Kite 3.67 264.90

+ Torrance. 5+00 2.9 265.7

+50 1.8 266.8

+67.85 F.S. 1.6 266.91

Profile plotted
N. 2

Brooks

Oct. 14/09
Childs
Barth
Taylor 62

Brooks street from center
Benton Hawk.

Sta	Ht.	Rod	Elev
0+00	M.H. Antw Kite	259.98	244 257.54
+50		2600	3.8 256.2
1+00			4.3 255.7
+50			7.0 253.0
2+00			9.7 250.3
+50			10.9 249.1
3+00			11.1 248.9
+50			11.5 248.5
4+00			11.7 248.3
+50			12.7 247.3
5+00			12.1 247.9
+50.6	M.H. center Ohio	10.77	249.21
6+00		10.7	249.3
+50		10.7	249.3
7+00		11.0	249.0
+50		12.4	247.6

Profile plotted
Sheet A-58

Kite to

Oct. 14/09 { Childs
Barber 63
Taylor

Sta.	Ht.	Rod	Elev.
8+00		249.03	4.8 244.2
+15			5.8 243.2
+30.55	M.H. center Hawk	9.52	239.51

1200
247.98 T.P. (3)
1.05
249.03
13.01
236.02 T.P. (4) *
0.97
236.99

Hawk street Brooks to Willow.

Sta		H.I.	Rod	Elev
0+00	M. H. Center Brooks + Hawk	249.03	9.52	239.51
+50		236.99 237.0	4.4	232.6
+76			9.9	227.1
1+00		224.69	5.1	219.6
+39	^{126.1} 212.08 J.P. @ 0.24 212.32	212.32	6.5	205.8
+50			12.2	200.1
2+00	M. H. bottom of canyon	200.23	12.04	188.19
+50		212.32	6.0	206.3
3+00	dead end	236.99	10.45	226.54

Profile plotted
2-28

Lot line bet Hawk + Goldfinch from Brooks to Willow Oct 14/09

Childs Barker Taylor

Sta		H.I.	Rod	Elev
0+00	F.S. 25 So. of Brooks!	200.23	5.29	194.94
+25			10.0	190.2
+50	^{12.96} 187.27 J.P. @ 0.64 187.91	187.91	4.5	183.4
1+00		181.36	13.0	168.4
+25	M. H. bottom of canyon	169.19	6.10	163.1
+50	^{12.92} 165.44 J.P. @ 0.70 169.19	181.36	10.8	170.6
2+00		187.91	4.1	183.8
+50	F.S. about 25' from Willow	212.32	7.46	204.86

Profile plotted
sheet 2-28

88 Torrance street from center
250' west.

Sta.	H.I.	Rod Elev.
0+00	N.H. center Kite 276.93	1203 264.90
+50		9.7 267.2
	264.90	
+00	1203	7.7 269.2
	276.93 ^v	
+50		5.7 271.2
2+00		3.7 273.2
+50	H.I.	3.25 273.68

Profile plotted
O.A. 28

of Kite to

Oct. 15/09 } Childs
Barber 65
Fayer

Goldfinch from 115' to
Sta. 5+00 south.

Sta.		Ht.	Rod	Elev.
0+00	M.H. center	150.10	6.99	143.1
+50	Goldfinch 115' 26.9 Brooks	169.19	12.1	157.1
1+00		181.36	9.8	171.6
+50	11.87 157.32 J.P. ① 0.97 157.39V		10.0	171.4
+70	12.86 144.53 J.P. ② 150.17V		11.5	169.9
+84.6	150.17V No. line Willow		7.7	163.7
2+00	12.26 175.63 J.P. ③	187.91	7.3	180.6
+38	5.71 181.36V	200.23	1.1	199.1
+50			1.3	198.9
+61	12.87 199.43 J.P. ③		2.8	197.4
+64	0.78 200.23V	212.32	8.2	204.1
3+00		224.69	5.7	219.0
+22	13.04 223.95 J.P. ① 0.74	236.99	7.1	229.9
+50	224.69V		1.6	235.4
4+00	236.102 6.65	242.67	3.7	239.0
+50	242.67V		2.1	240.6

g Brooks.

est. 15/89 { delbuilds
Bar 66
Taylor

Sta.		Ht.	Rod	Elev.
5+00	F.I.	242.67	2.09	240.58

Profile plotted
Sheet A-29

Goldfinch from 195' no. 9
to Redwood street

Sta.	H.I.	Rod	Elev.
0+00	Fl. 195' no. 9 center of road	242.67	2,31 240.36
+50		6.4	236.3
1+00	13.04	12.8	229.9
+50	229.63 J.P. ⑩ 0.21 229.84	6.3	223.5
+95	center of road	11.92	217.92 J.P. ⑩
2+00	1.40	12.3	217.5
+50	219.32	219.32	4.0 215.3
3+00	206.74 J.P. ⑩ 0.02 206.76	6.1	213.2
+50		8.7	210.6
4+00		10.7	208.6
+18		11.4	207.9
+50		206.76	2.9 203.9
5+00	0.62	7.7	199.1
+50	195.36	10.9	195.9
+75.7	center of road	12.02	194.74 J.P. ⑩
6+00		195.36	1.2 194.2

Profile plotted
Sheet 8-29

Center of Road

Sta.	H.I.	Rod	Elev.
6+50	195.36	3.6	191.8
7+00		6.7	188.7
+50	12.67	9.7	185.7
8+00	182.69 J.P. ⑩ 0.18 182.87	1.6	181.3
+50	12.73	8.3	174.6
9+00	170.14 J.P. ⑩ 0.38 170.52	5.2	165.3
+27		11.5	159.0
+50		158.57	8.0 150.6
+56.8	center of road	10.96	147.61
+71	12.58	146.69	4.4 142.3
10+00	145.99 J.P. ⑩ 0.70 146.69	12.0	134.7
+47	134.69 J.P. ⑩ M.H. bottom of canyon	136.23	6.54 129.69
+50	1.14	7.5	128.7
+55	136.23	6.9	129.3
11+00		146.69	7.9 138.8
+50		158.57	7.2 147.4

Oct. 15/09 { Schiller
Barlow
Taylor

Cont. from page 67

Sta.	H.I.	Rod Elev.
12400	158.57	4.3 154.3
+50	170.52	6.4 164.1
+75	Fi.J. about	0.79 169.73

22' from Redwood

12.30
 158.22 J.P. (15)
 0.30
 158.57

Oct 16/09 { Childs
 Barker
 Taylor 68

Lot line bet. Goldfinch &
135' no. of center of upas to

Sta.	Ht.	Rod	Elev.
0+00	F.S. 135' no. of center of upas.	223.00	2.06 220.9
+50	217.92 J.P.	8.4	214.6
1+00	5.08 223.00 ✓ 13.81 210.01 J.P. (2)	211.49	4.6 206.9
+35	center of upas.	9.8	201.7
+50	144 211.49 ✓ 12.93 198.56 J.P. (2)	11.4	200.1
+76	0.25 198.81 ✓	198.81	2.8 196.0
2+00	11.93 186.88 J.P. (2)	10.2	188.6
+50		14.8	184.0
+76		8.3	190.5
+84		6.6	192.2
3+00		7.0	191.8
+50		6.5	192.3
4+00		9.1	189.7
+50		1.9	185.1
5+00		7.1	179.9
+50		11.9	175.1

Profile Blatted
Sheet A-30

Falcon frame

Oct 16/09 (Childs Barhe 60 Taylor)

Sta.	Ht.	Rod	Elev.
6+00		174.69	3.7 171.0
+50		6.1	168.6
7+00		6.0	168.7
+50		6.5	168.2
8+00	13.70 167.99 J.P. (2) 1.02 163.01 ✓	8.7	166.0
+50	12.75 150.26 J.P. (2) 2.14 152.40 ✓	163.01	2.6 160.4
9+00		11.2	157.8
+33		152.40	7.9 144.5
+50		13.2	139.2
10+00		128.03	5.9 122.1
+10	M.H. bottom of canyon	8.91	119.12
+27		11.3	116.7
+29		18.3	109.7
+50		16.0	112.0
+52		12.0	116.0
11+00		140.53	13.3 127.2

see page 71

Lot. line bet. Goldfinch &
North of center of upas, to sta.

Sta.	H.T.	Rod	Elev.
0+00	F.T. 160' No. of center upas.	223.00	0.66 222.34
+50		199.33	0.1 199.2
+75	12.49 210.51 J.P. ① 0.59 211.10 ✓		9.8 189.5
1+00	12.58 186.75 J.P. ② 0.12 186.87 ✓		13.3 186.0
+50			11.0 188.3
2+00			7.6 191.7
+40		186.87	2.3 184.6
+42			8.8 178.1
+50			7.9 179.0
+62	12.70 174.17 J.P. ③ 0.11 174.28 ✓		8.1 178.8
3+00		174.28	7.4 166.9
+32	12.77 161.51 J.P. ④ 0.10 161.61 ✓		11.4 162.9
+50		161.61	3.5 158.1
4+00		150.51	3.1 147.4
+50	M.H. bottom of canyon		11.26 139.2
+59			13.2 137.3

Profile plotted
a - 29

Falcon from 160'
6+50 near Brooks.

Oct 19/09
Calhills
Barber
Jagler

Sta.	H.T.	Rod	Elev.
4+64		150.51	15.5 135.0
+70			12.5 138.0
+85			9.4 141.1
5+00			4.0 146.5
+50		161.61	2.4 159.2
6+00		174.28	10.7 163.6
+50	F.T. near Brooks,		7.10 167.2

Cont. from page 69

Oct. 18/09 { ¹⁰ ¹¹ ¹² ¹³ ¹⁴ ¹⁵ ¹⁶ ¹⁷ ¹⁸ ¹⁹ ²⁰ ²¹ ²² ²³ ²⁴ ²⁵ ²⁶ ²⁷ ²⁸ ²⁹ ³⁰ ³¹ ³² ³³ ³⁴ ³⁵ ³⁶ ³⁷ ³⁸ ³⁹ ⁴⁰ ⁴¹ ⁴² ⁴³ ⁴⁴ ⁴⁵ ⁴⁶ ⁴⁷ ⁴⁸ ⁴⁹ ⁵⁰ ⁵¹ ⁵² ⁵³ ⁵⁴ ⁵⁵ ⁵⁶ ⁵⁷ ⁵⁸ ⁵⁹ ⁶⁰ ⁶¹ ⁶² ⁶³ ⁶⁴ ⁶⁵ ⁶⁶ ⁶⁷ ⁶⁸ ⁶⁹ ⁷⁰ ⁷¹ ⁷² ⁷³ ⁷⁴ ⁷⁵ ⁷⁶ ⁷⁷ ⁷⁸ ⁷⁹ ⁸⁰ ⁸¹ ⁸² ⁸³ ⁸⁴ ⁸⁵ ⁸⁶ ⁸⁷ ⁸⁸ ⁸⁹ ⁹⁰ ⁹¹ ⁹² ⁹³ ⁹⁴ ⁹⁵ ⁹⁶ ⁹⁷ ⁹⁸ ⁹⁹ ¹⁰⁰ ¹⁰¹ ¹⁰² ¹⁰³ ¹⁰⁴ ¹⁰⁵ ¹⁰⁶ ¹⁰⁷ ¹⁰⁸ ¹⁰⁹ ¹¹⁰ ¹¹¹ ¹¹² ¹¹³ ¹¹⁴ ¹¹⁵ ¹¹⁶ ¹¹⁷ ¹¹⁸ ¹¹⁹ ¹²⁰ ¹²¹ ¹²² ¹²³ ¹²⁴ ¹²⁵ ¹²⁶ ¹²⁷ ¹²⁸ ¹²⁹ ¹³⁰ ¹³¹ ¹³² ¹³³ ¹³⁴ ¹³⁵ ¹³⁶ ¹³⁷ ¹³⁸ ¹³⁹ ¹⁴⁰ ¹⁴¹ ¹⁴² ¹⁴³ ¹⁴⁴ ¹⁴⁵ ¹⁴⁶ ¹⁴⁷ ¹⁴⁸ ¹⁴⁹ ¹⁵⁰ ¹⁵¹ ¹⁵² ¹⁵³ ¹⁵⁴ ¹⁵⁵ ¹⁵⁶ ¹⁵⁷ ¹⁵⁸ ¹⁵⁹ ¹⁶⁰ ¹⁶¹ ¹⁶² ¹⁶³ ¹⁶⁴ ¹⁶⁵ ¹⁶⁶ ¹⁶⁷ ¹⁶⁸ ¹⁶⁹ ¹⁷⁰ ¹⁷¹ ¹⁷² ¹⁷³ ¹⁷⁴ ¹⁷⁵ ¹⁷⁶ ¹⁷⁷ ¹⁷⁸ ¹⁷⁹ ¹⁸⁰ ¹⁸¹ ¹⁸² ¹⁸³ ¹⁸⁴ ¹⁸⁵ ¹⁸⁶ ¹⁸⁷ ¹⁸⁸ ¹⁸⁹ ¹⁹⁰ ¹⁹¹ ¹⁹² ¹⁹³ ¹⁹⁴ ¹⁹⁵ ¹⁹⁶ ¹⁹⁷ ¹⁹⁸ ¹⁹⁹ ²⁰⁰ ²⁰¹ ²⁰² ²⁰³ ²⁰⁴ ²⁰⁵ ²⁰⁶ ²⁰⁷ ²⁰⁸ ²⁰⁹ ²¹⁰ ²¹¹ ²¹² ²¹³ ²¹⁴ ²¹⁵ ²¹⁶ ²¹⁷ ²¹⁸ ²¹⁹ ²²⁰ ²²¹ ²²² ²²³ ²²⁴ ²²⁵ ²²⁶ ²²⁷ ²²⁸ ²²⁹ ²³⁰ ²³¹ ²³² ²³³ ²³⁴ ²³⁵ ²³⁶ ²³⁷ ²³⁸ ²³⁹ ²⁴⁰ ²⁴¹ ²⁴² ²⁴³ ²⁴⁴ ²⁴⁵ ²⁴⁶ ²⁴⁷ ²⁴⁸ ²⁴⁹ ²⁵⁰ ²⁵¹ ²⁵² ²⁵³ ²⁵⁴ ²⁵⁵ ²⁵⁶ ²⁵⁷ ²⁵⁸ ²⁵⁹ ²⁶⁰ ²⁶¹ ²⁶² ²⁶³ ²⁶⁴ ²⁶⁵ ²⁶⁶ ²⁶⁷ ²⁶⁸ ²⁶⁹ ²⁷⁰ ²⁷¹ ²⁷² ²⁷³ ²⁷⁴ ²⁷⁵ ²⁷⁶ ²⁷⁷ ²⁷⁸ 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Field on street from 135' no.
to Quince Street

Sta.	H.T.	Red	Elev.
0+00	211.10	6.8	204.3
+50		8.8	207.2
1+00	12.63 198.47 J.P. ① 1.13 199.62	2.8	196.8
+35	Center of gas.	8.40	191.22
+50	12.79 186.83 J.P. ② 0.15 186.98	10.8	188.8
+65		13.4	166.2
+90	187 186.98	8.7	178.3
2+00	12.46 174.52 J.P. ④ 0.50 175.02	13.6	173.4
+50	12.27 162.25 J.P. ⑤ 0.29 162.54	5.8	149.9
+54	12.67 149.87 J.P. ⑥ 6.83 158.70	11.9	146.8
+58	M.H. bottom of canyon 158.70	10.17	148.5
3+00	162.54	0.5	167.0
+50	12.63 174.35 J.P. ③ 0.34 174.69	10.1	176.9
4+00		6.6	180.4
+50	F.J. 65' 8 no. of center of stream	8.88	178.10

Profile Data
2-30

of center of gas

Oct 18/09 Sheet 72
Barber
Taylor

Sta.	H.T.	Red	Elev.
0+00	F.J. 65' 8 no. of center of stream	174.69	11.80 162.9
+25		163.01	4.8 158.2
+50	12.42 150.59 J.P. ⑦ 0.09 150.68	1.1	149.6
1+00		19.5	131.2
+25		11.6	139.1
+50		6.9	143.8
2+00		9.1	141.6
+50		7.1	133.4
3+00		2.5	125.5
3+15.9	Center of Quince	4.93	123.1
+50	12.68 127.83 J.P. ⑧ 0.18 128.03	10.6	117.4
4+00	12.82 115.21 J.P. ⑨ 2.39 117.60	7.3	110.3
+40		8.2	109.4
+50	12.81 104.79 J.P. ⑩ 0.22 104.99	10.0	109.6
+67	M.H. bottom of canyon	104.99	10.3 103.96
5+00		3.4	101.6

Sheet A-31

cont. from Page 72

sta.	H.E.	Road	Elev.
5+50	104.99	4.8	100.2
+72	117.60	12.3	105.3
6+00		11.1	106.5
+50		12.2	105.4
+75	104.99	0.8	104.2
+96.9	^{105.00} Center Redwood.	3.6	99.3
7+00		6.0	99.0
+50		10.9	94.1
+65	M.H. bottom of canyon		
8+00	104.99	10.8	94.2
+50		9.6	95.4
9+00		8.6	96.4
+50		5.9	99.1
+65		3.1	101.9
10+00	117.60	10.4	107.2
+15	F.S. about 62.8 front center of Quince	8.83	108.8

Oct. 18/09 { Childs
Barber 73
Taylor

Falcon Street from 160' no. 2
to sta. 3+35 bottom of canyon

Sta. H.I. Rod Elev.

0+00 F.S. 160' no. 2 211.10 10.04 201.1
center of ripas.

+05 10.9 200.2

+50 12.67
198.43 J.P. 186.87 9.6 177.3

+79 0.90
199.33 ✓ 174.28 8.4 165.9

+83 12.6 161.7

1+00 12.7 161.6

+20 13.5 160.8

+50 161.61 5.4 156.2

+75 12.30
149.31 J.P. 8.2 153.4

2+00 1.20
150.51 ✓ 150.51 3.3 147.2

+50 12.81
138.20 J.P. 12.9 137.6

3+00 1.71
139.91 ✓ 139.91 7.6 132.3

+11 8.3 131.6

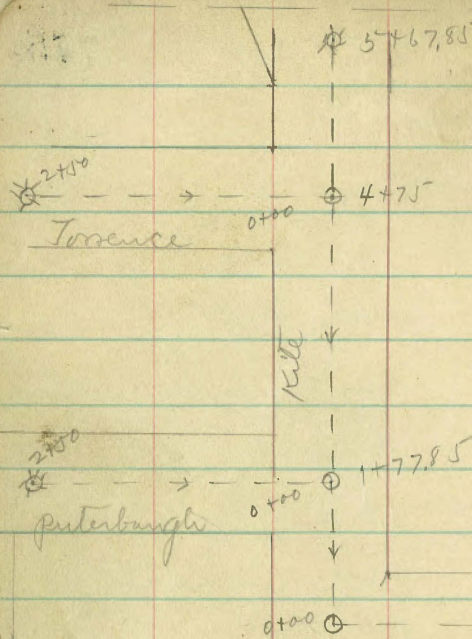
+20 11.5 128.4

+30 8.6 131.3

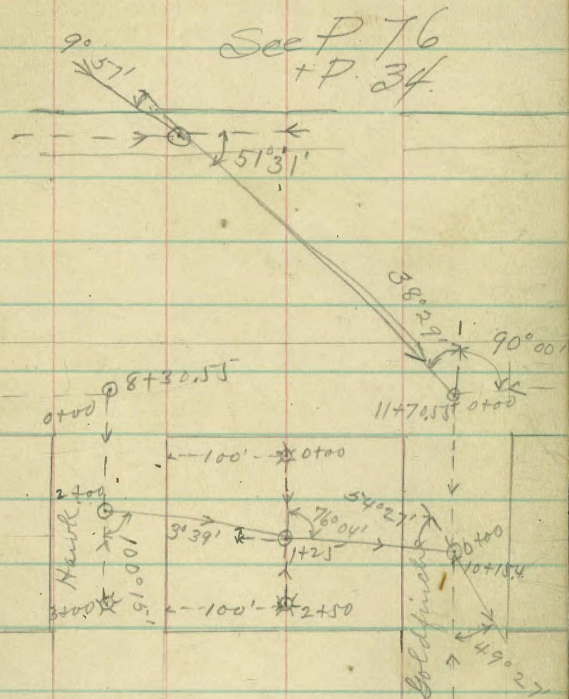
+35 M.H. bottom of 7.58 132.33
canyon

center of ripas.

Oct. 18/09 { Childs
Barber 74
Fayler



Oct 19/09
 Lehigh
 Barber
 Taylor
 75



Brooks

Hand

willow

14+20

9+94.77

Thorn

3+30

2+22.73

1+50

Goldfinch

5+75.7

9+56.8

10+47

Falcon

6+00

3+55.9

4+67

57°52'

7+45

7+05

4+85

3+55

2+22

0+00

0+00

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Oct 19/09

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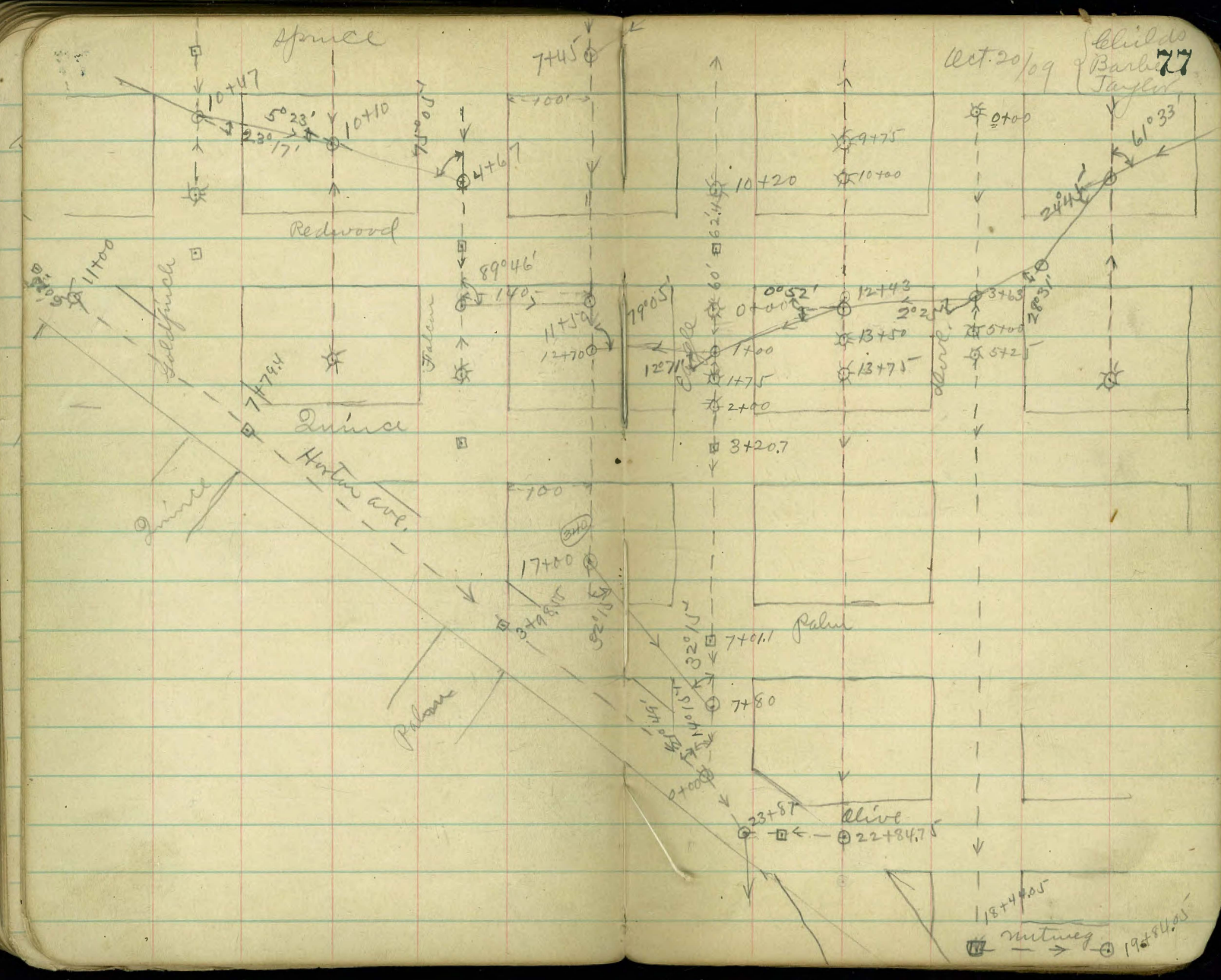
0+00

0+00

0+00

0+00

Oct. 20/09
Elizab. Barber Taylor 77



Lot line bet. Falcon & Eagle,
center upas to Brooks.

Sta.		H.I.	Rod	Elev.
0+00	F.S. 80' north of center of upas,	192.21	11.00	181.2
+20			13.0	179.2
+50	191.22 0.99	182.56	12.3	170.3
1+00	192.21 12.62 179.59 J.P.D.	157.05	0.4	156.6
+50	0.18 179.77	145.37	3.1	142.3
+90	2.97 182.56	133.79	3.9	129.9
2+00	12.53 144.22 J.P.D.		9.3	124.5
+10	1.15 145.37		12.4	121.4
+22	12.93 132.44 J.P.D.		8.49	125.3
+50	1.35 133.79		3.8	130.0
3+00	M.H. bottom of canyon,	145.37	8.8	136.6
+50		157.05	9.7	147.3
+55	F.S. near Willow South side.		8.31	148.7
4+85	F.S. near Willow North side	194.58	12.81	181.8
5+00			13.3	181.3

from 80' north of

Oct. 19/09

Chields
Barber 78
Taylor.

Sta		H.I.	Rod	Elev.
5+50		170.92	1.5	169.4
6+00			8.3	162.6
+50			9.4	161.5
+80			11.3	159.6
+91			12.9	158.0
7+05	M.H. bottom of canyon		8.94	162.0

Profile started
A-B

Hot line bet. Falcon + Eagle from
To sta 17+00

Sta.	H.T.	Rod	Elev.
0+00	M.H. 60' 20" of center of r.p.s.	179.77	12.56 167.21
+20		167.48	6.9 161.6
+50	0.27 167.48 72.58 154.90 J.P. 20 9.66 153.14 12.30 142.84 J.P. 20 0.65 143.39	155.16	6.1 149.1
1+00		132.38	3.7 128.7
+10	M.H. bottom of canyon		6.33 126.0
+50		143.51	2.8 140.7
2+00		155.16	4.9 150.3
+25	F.I. to north		5.14 150.0
+50	F.I. to south		7.65 147.5
3+00		143.51	2.7 140.8
+50			10.1 133.4
4+00		132.38	10.3 122.1
+50	12.18 119.80 J.P. 16 0.06 119.86 0.87 120.67	119.86	6.7 113.2
5+00			12.6 107.3
+50		109.35	7.8 101.5
6+00			10.6 98.7

60' so. of center of r.p.s.

Oct 20/09 ^{Calvin} Barber 79
Taylor

Sta.	H.T.	Rod	Elev.
+50	97.40	1.4	96.0
+700		4.9	92.5
+18		6.7	90.7
+45	M.H. bottom of canyon main line	6.13	91.3
+50		6.1	91.3
+700		7.1	90.3
+50		9.0	88.4
+700		5.0	92.4
+50		6.8	90.6
10+00		9.0	88.4
+50		11.4	86.0
11+00	86.28	3.4	82.9
+24	120.8	4.4	81.9
+27	141.6 86.28	5.0	81.3
+34		4.0	82.3
+50	M.H. Falcon at line comes in from west	97.40 12.58	84.82

Cable blasted
Oct 20 32

707
To

Cont. from page 79

Oct 20/09 { Keloids
Barber
Taylor

(80)

Sta Sta

H.I. Rod Elev

0+0 12+00

86.28 2.9 83.39

+2 +50

5.4 80.99

+5 +70

M.H. Canyon line
from East. side
st.

6.3 80.60

1+0 13+00

9.2 77.40

+1 +20

10.4 75.00

+5 +40

9.0 77.00

2+0 +50

7.3 79.70

+2 14+00

7.0 79.30

+5 +50

4.2 82.10

3+0 15+00

4.0 82.30

+5 +50

4.5 81.80

4+0 +81

6.5 79.80

+1 16+00

10.0 76.30

5+0 +50

11.6 74.70

11+17+00

M.H. bottom of
canyon in main line

76.45 5.05 71.40

6+0

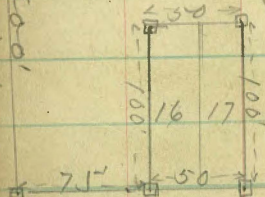
Lehilds
Barber
Taylor

Oct 19/09
Kite

(81)

+400

200'



(437)

Jackdaws

Survey of lots 16 & 17
Bek. '437 Northern
Extension.

20.83

29.17

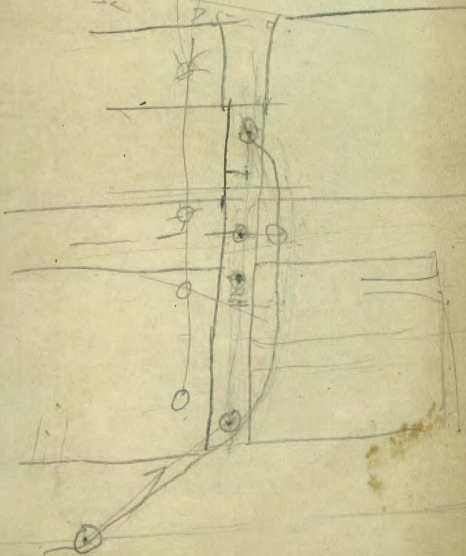
(35)

4.804
4.789
9.593

4.789
4.854
9.643

1268
761
307

15+30
16+40
17+38
28.53
19.00
220
Elev 230



1389
1268
121

560
909

5.438

5.650

12

247

370

587

7

857

570

2.67

9947

6647

33

1618

1587

227

5444

380

3

1140

125

1015

TRANSIT TABLE FOR TRANSIT BOOK.

1° to 90° for a distance of 100.

Deg.	1 DEGREE.		1 DEGREE.		1 DEGREE.		Degrees.		
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.			
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9		15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10		17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11			98.08	19.51	97.99	19.94	97.90	20.36	78
12			97.72	21.22	97.63	21.64	97.53	22.07	77
13			97.34	22.92	97.24	23.34	97.13	23.77	76
14			96.92	24.62	96.81	25.04	96.70	25.46	75
15			96.48	26.30	96.36	26.72	96.25	27.14	74
16			96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.03		95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11		94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55		94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97		93.20	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31		51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32		52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33		54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34		55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35		57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36		58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37		60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38		61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39		62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40		64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
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Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
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