482

482

F.B.482

IND

Published by H. S. CROCKER COMPANY, Stationers
Materials, and Mathematical Instruments, San F

Table showing the difference of latitude and d
running 80 chains at any course from 1 to 60

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	[illegible]
10	23⅓	30	70	50	[illegible]
11	25⅔	31	72⅓	51	[illegible]
12	28	32	74⅔	52	[illegible]
13	30⅓	33	77	53	[illegible]
14	32⅔	34	79⅓	54	[illegible]
15	35	35	81⅔	55	[illegible]
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

TABLE FOR RUNNING ON SLOPES.

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

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANG	COR. IN LINKS
°		°		°		°	
4	0.24	11	1.88	18	5.14	[illegible]	[illegible]
5	0.38	12	2.24	19	5.76	[illegible]	[illegible]
6	0.55	13	2.63	20	6.42	[illegible]	[illegible]
7	0.76	14	3.06	21	7.11	[illegible]	[illegible]
8	0.98	15	3.53	22	7.85	[illegible]	[illegible]
9	1.24	16	4.02	23	8.64	[illegible]	[illegible]
10	1.55	17	4.56	24	9.47	35	22.07

MICROFILMED
DEC 11 1964

284.43
3.56
287.99
155.5
130.4
482
FROM
Loring's Book Store

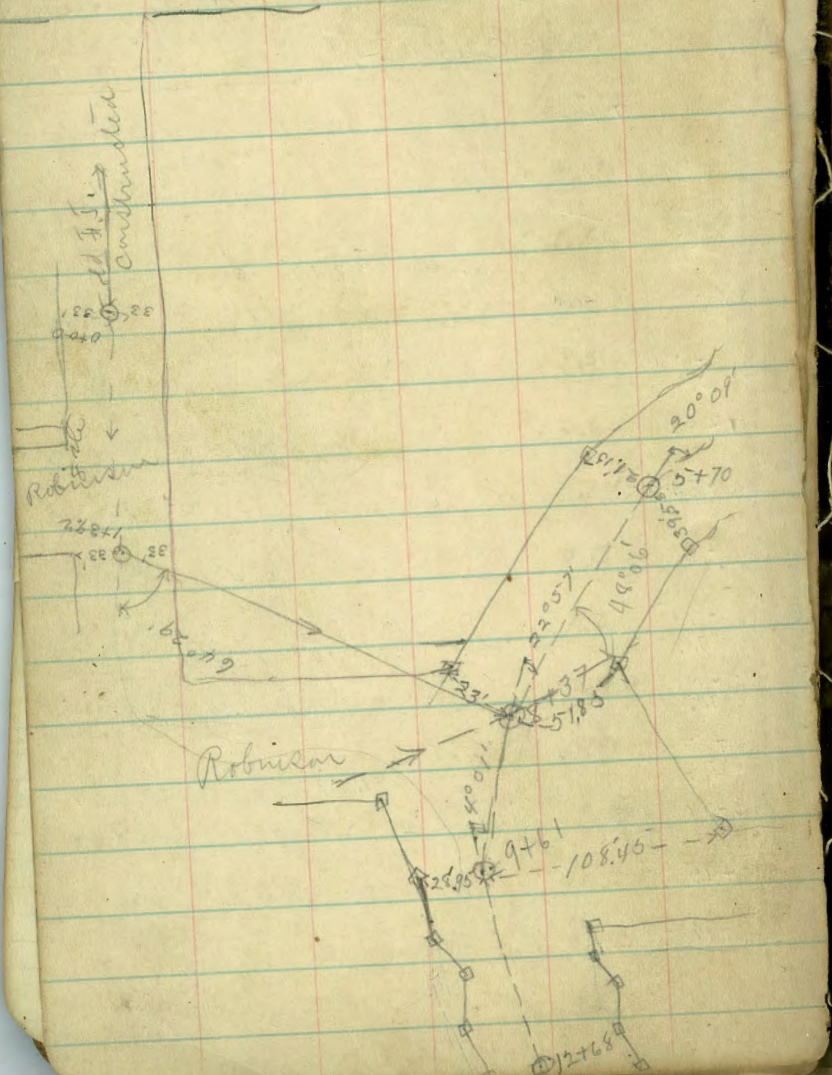
Washington Hts. preliminary sewer & to relieve 5th street Ejector,

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

Sta.					
J.P.		3.56	287.99	3.56	284.43
0+00	old F.T.			10.2	277.8
+50				12.4	275.6
J.P.		0.19	275.44	12.74	275.25
1+00				1.5	273.9
+39.2	M.H. center 8th on So. line of Robinson going west.			3.42	272.0
+50				4.1	271.3
+75				7.0	268.4
J.P.		0.41	263.14	12.71	262.73
2+00				3.4	259.7
J.P.		0.22	250.54	12.82	250.32
+50				4.0	246.5
J.P.		1.90	241.59	10.85	239.69
3+00				3.3	238.3
+15				5.2	236.4
+19				6.1	235.5
+21				5.2	236.4
+25.6	M.H.			5.31	236.28

Profile plotted

Univ. ave.

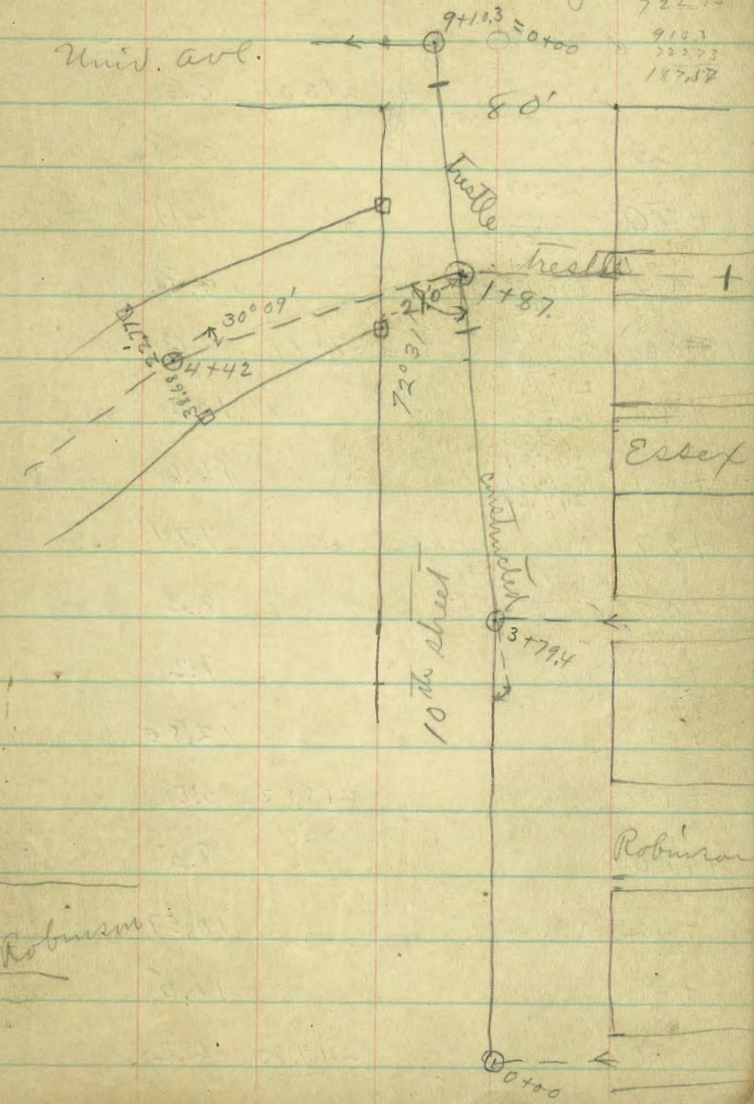


Aug. 6/09

Childs
Barber
Taylor

2

343.33
722.73
910.3
722.73
187.57



Sewer down pound canyon near south of Univ. ave. to 9th st. City park aug 16/09 {Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. Univ. ave. + 10th 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 J.P. 0.82		9.8	273.2
1+00	270.99 ✓ 12.55 258.44 J.P.	271.00 270.99	2.6	268.4
+50	0.38 258.82 ✓ 12.93		13.3	257.7
+61	245.89 J.P. 1.71 247.60 ✓ 0.21		16.6	254.4
+87	M.H. center alley bet. Essex + Univ. ave.		7.74	263.3
2+00			8.3	262.7
+50			9.2	261.8
3+00			12.8	258.2
+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

Sta		H.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

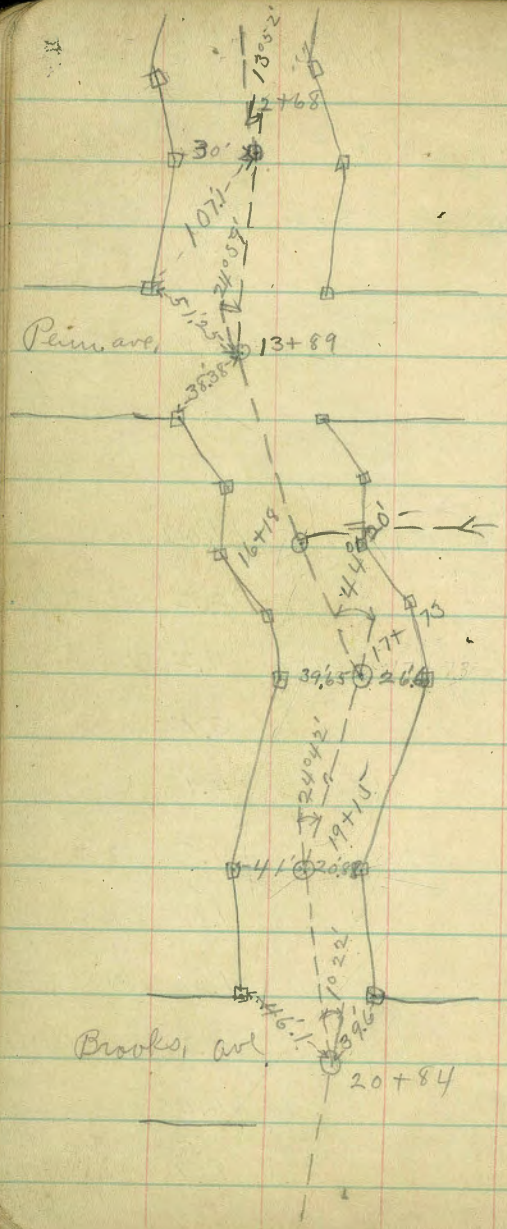
Cont. from page 3

Aug. 16/09 — Shields, Barber, Taylor

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 / .021 / 240.92 ✓		2.4	238.5
+25	12.23 / 228.19 J.P.		7.3	233.6
+50	1.01 / 229.20 ✓		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

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 of Penn. ave.		11.07	218.13
14+00			12.2	217.0
+12	13.04 / 216.16 J.P. / 3.23 / 219.39 ✓	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

Aug. 16/09 { Childs, Barber, Taylor



Cont. – from page 4

aug. 16/09 {Childs, Barber, Taylor} 6

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 3.82 211.40 ✓	211.40	3.7	207.7
+50			5.3	206.1
+80			6.7	204.7
+88			7.9	203.5
+94			6.7	204.7
19+00			6.4	205.0
+15	M.H. angle		7.01	204.4
+43			8.3	

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	not less than 9' deep. M.H. angle near center Brooks		6.43	204.97
21+00		206.22	2.5	203.7
+14	204.97 1.25 206.22 ✓		4.9	201.3
+50			7.9	198.3
+53			9.1	197.1
+60			6.5	199.7
22+00			5.9	200.3
+50			6.1	200.1
23+00			7.9	198.3
+50			11.9	194.3

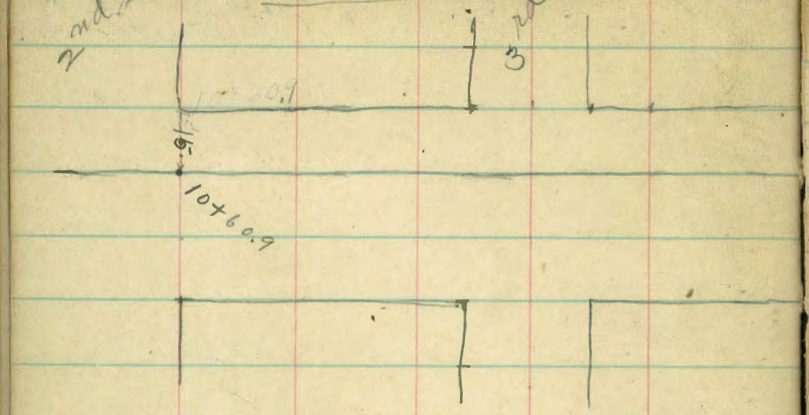
Cont. – from page 6

Sta.		H.I.	Rod	Elev.
23+59		206,22	14.7	191.5
+67			12.6	193.6
24+00			11.5	194.7
+50			12.4	193.8
+69	M.H. angle not less than 7' deep.		12.34	193.88
25+00	side camp cones in.	195,85	2.2	193.6
+50	193,88 1.97 195.85		1.9	193.9
26+00			3.6	192.2
+50			5.1	190.7
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

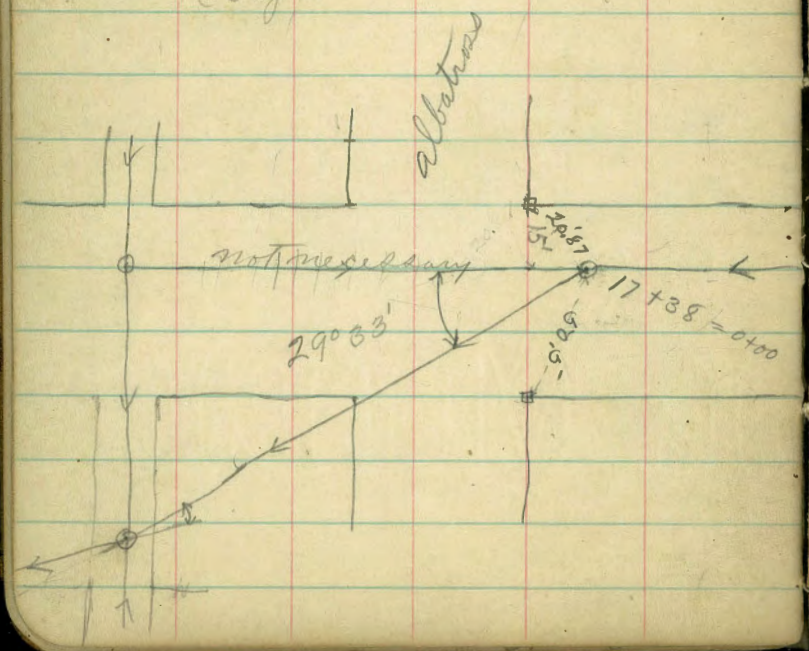
aug. 17/09 {Childs, Barber, Taylor} 7

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

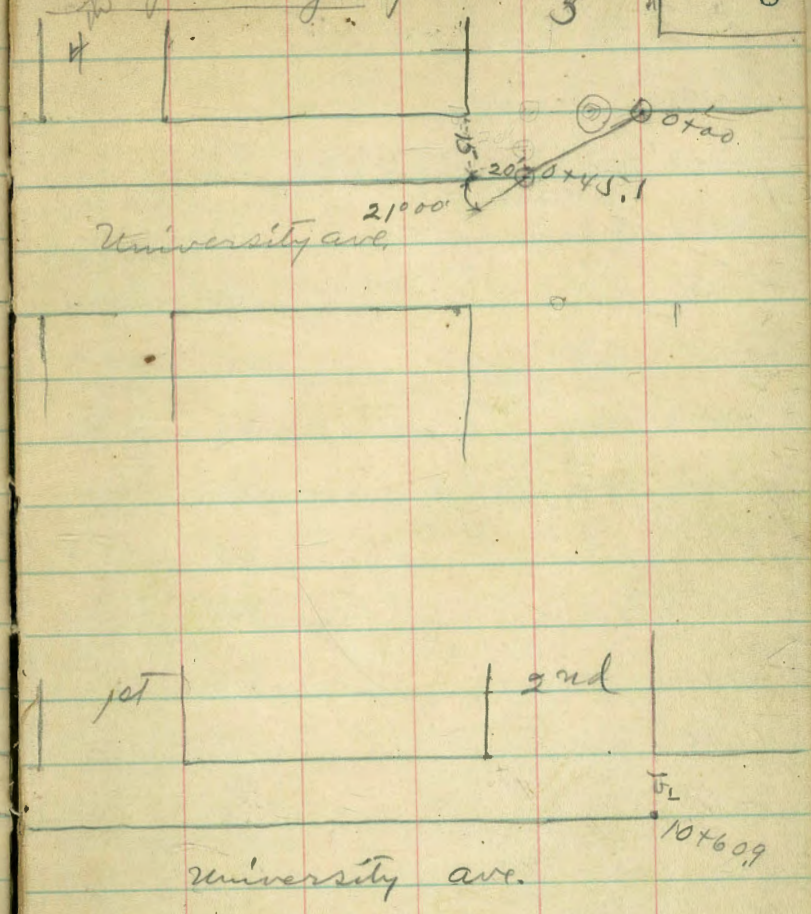
Sewer line to relieve 5th



Sept. 16/09 { Childs, Barber, Taylor



Ejector going west.



Sewer line on University ave. west of 5th Street Sept. 16/04 Childs Barber Taylor

9

Sta.		H.I.	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. 4th 4.34 291.35 ✓		2.1	289.2
+50	10.67 280.68 S.P.		2.5	288.8
2+00	1.12 281.80 ✓		3.0	288.3
+50			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

Sta		H.I.	Rod	Elev.
7+50	278.50 B.M. 2nd 3.30 281.80	291.35	7.4	283.9
8+00			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

Contd. 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 ✓	269.08	1.0	268.1
16+00		257.32	10.0	247.3
+50	12.59 256.49 J.P. 0.83 257.32 ✓	244.69	11.2	233.5
+53	12.87 244.45 J.P. 0.24 244.69 ✓		12.5	232.2
+55			11.4	233.3
17+00	12.74 231.95 J.P. 1.55 233.50	233.50	3.4	230.1
+38	M.H. bottom of campus at Univ. ave. & Albatross		9.00 J.P.	224.50
+50		227.41	5.1	222.3
+70			6.2	221.2
+94			8.9	218.5
18+00	1.93 223.47 J.P. 3.94 227.41 ✓		7.3	220.1
+50	2.94 224.47	225.40	2.4	223.0
19+00			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 {Shields, Barber, Tayler}

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	75.45		12.1	197.6
+50			10.4	199.3
+55			9.1	200.6
24+00			9.7	200.0
+50	0.10 196.86 J.P. 12.87 209.73 ✓ 1.77 207.96 J.P.	197.00 196.96	1.3	195.7
+80			4.3	192.7
25+00			4.3	192.7
+10	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	71°47' M.H. Center Dove & 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		180.08	2.5	177.6
+81			5.2	174.9

Oct. 1/09 {Childs, Barber, Taylor

11

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		10.0	170.1
+50	1.40 169.06 ✓		10.1	170.0
33+00		169.06	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

Oct. 1/09 {Childs, Barber, Taylor}

Sta		H.I.	Rod	Elev.
33+75		169.06	5.8	166.3
+78			4.0	165.1
+95			5.4	163.7
34+00			7.3	161.8
+10			7.4	161.7
+18			5.2	163.9
+50			6.4	162.7
35+00			7.8	161.3
+50			9.4	159.7
+57.6	M.H. center alley bet. market + mission		9.74	159.32
36+00			11.1	158.0
+50			12.5	156.6
37+00	13.04 / 156.02 J.P. ④		12.2	156.9
+50	0.70 / 156.72 ✓	156.72	1.3	155.4
38+00			6.2	150.5
+12			7.8	148.9

Sta		H.I.	Rod	Elev.
38+35		156.72	4.5	152.2
+50			5.1	151.6
39+00			9.0	147.7
+06			9.9	146.8
+12			11.4	145.3
+25			10.3	146.4
+47.68	M.H. center alley bet. mission + Brooks		9.97	146.75
+50		147.48	0.8	146.7
40+00			2.7	144.8
+25	0.73 / 147.48 ✓		4.1	143.4
+29			5.6	141.9
+33			3.6	143.9
+50			3.2	144.3
41+00			5.6	141.9
+10			7.1	140.4
+21			9.6	137.9

Cont. from page 12

Oct 26/09 {Childs, Barber, Taylor}

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 0.57 135.21 ✓		12.5	135.0
+70		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

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	12.70 122.51 J.P. ② 1.04 123.55 ✓	123.55	3.3	120.3
+50			1.5	122.1
+64	M.H. 19°04' to 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 upas		5.22	118.4
+50			7.2	116.4

Cont. from page 13

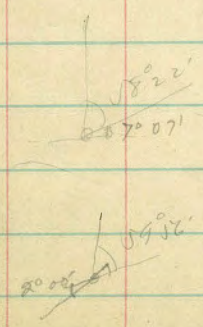
Oct 26/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev
51+00		123.55	9.6	114.0
+50			11.7	111.9
+97.5	M.H. center upas	116.56	6.10	110.44
52+00	+14 o' East of center Eagle		6.4	110.2
+08	12.00		7.3	109.3
+50	111.55 T.P. ③ 5.09 116.56 ✓		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

Sept. 16/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	N.H. bottom of Canyon at univ. ave & albatross	233.50	9.00	224.50
+12			11.8	221.7
+25			11.8	221.7
+50	269.08 ✓ 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 alley bet. albatross & Brant.	262.11	5.6	256.5

Note – no need of this line.



Sept. 17/09 { Childs, Barber, Taylor

Alley bet. Albatross & Brant from bottom of canyon to Washington

Sta.		H.I.	Rod	Elev.
0+00	N.H. bottom canyon	225.40	12.62	212.8
+25			9.4	216.0
+50	274.78 13.01 261.77 J.P. 0.34 262.11 ✓	237.0 236.96	12.9	224.1
1+00	12.48 249.63 J.P. -0.03 249.60 ✓	249.60	4.5	245.1
+23.8	hub 15' So. of no.	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	Profile Platted A-21		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

Sta		H.I.	Rod	Elev.
5+68.36	Center alley bet. Douglas & wash.	277.08	4.4	272.7
6+00	278.98 B.M. 2.73 281.71		4.4	272.7
+50	7.70 274.01 J.P.		3.2	273.9
+75	F.S. 3.07 277.08 ✓		3.07	274.01 J.P.

12.95
236.65 J.P.
0.31
236.96 ✓
12.86
224.10 J.P.
1.30
225.40

Sept. 17/09 Childs Barber Taylor

17

Alley line bet. Douglas & Washington from alley bet. Albatross & Brant west.

Sta.		H.I.	Rod	Elev.
0+00	center alley bet. Albatross & Brant.	277.08	4.4	272.7
+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 Dove		4.2	265.6

Profile plotted Sheet a-21

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 J.P. 0.12 257.10 ✓	257.10	1.3	255.8
+11			1.4	255.7
+29			5.7	251.4
+50		244.67	3.5	241.2

Profile Plotted. A-21

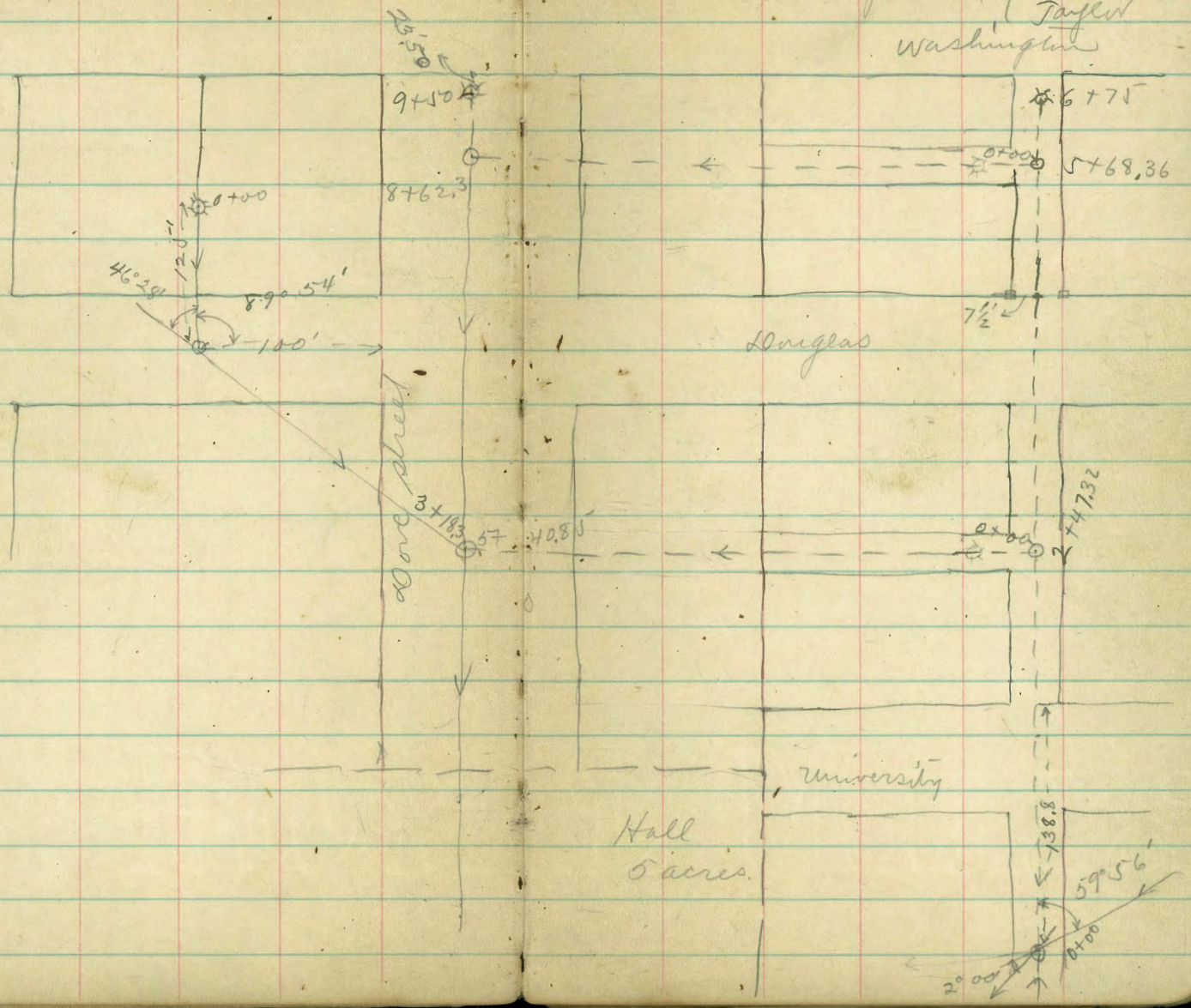
Douglas from to Dove.

Sept. 17/09 { Childs, Barber, Taylor

18

Sta		H.I.	Rod	Elev.
5+59		244.67	7.8	236.8
+65	12.88 231.79 J.P. 0.61 232.40 ✓		11.5	233.2
+82		232.40	3.3	229.1
6+00			4.3	228.1
+09.3	center Dove.		3.98	228.4.2

Sept. 18/09 { Childs, Barber, Taylor



Sept. 18/09 { Childs, Barber, Taylor

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

Sta.		H.I.	Rod	Elev.
0+00	N/X 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.J.		1.48	264.42

Profile Plotted Sheet A-21

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

Sept. 20/09 { Childs, Barber, Taylor

21

Sta.		H.I.	Rod	
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 so. of univ. ave.	221.04	8.2	212.8
1+00			0.8	220.2
+50	0.12	233.0 232.96	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. 8.55 239.71 ✓		4.6	228.4
+50		239.71	5.4	234.3
+80	F.J.		3.4	236.3

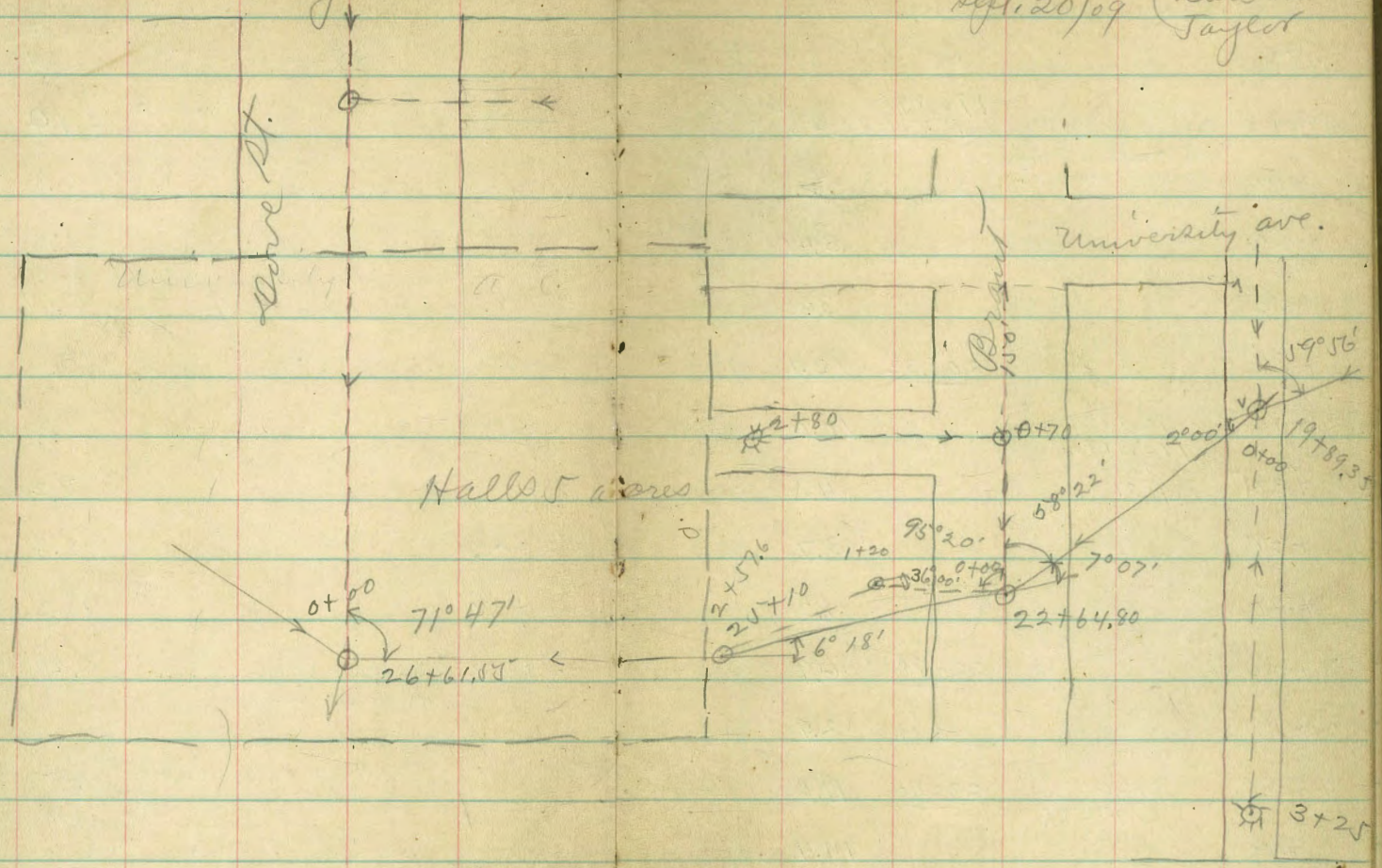
Profile plotted
Sheet A-21

line rerun from center of Brant.

Sta.		H.I.	Rod	Elev.
0+00	M.H. center of Brant & sta. 22+64.8 on main line	202.96	2.19	200.86
+50			0.8	
1+00			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 { Childs, Barber, Taylor

Sept. 20/09 { Child
Barber
Taylor



Center Dove Street from Washington to Junction of main line from east.

Sept. 22/09 { Shields, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	Center of Dove produced at Junction of main line from East.	196.89	10.25	186.64
+50			5.3	190.6
1+00			3.4	193.5
+50			3.6	192.3
+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 ✓	232.40	11.6	220.8
+12			14.4	218.0
+50	12.97 208.01 J.P. 0.31 208.32 ✓		8.5	228.9
+93		244.67	8.6	236.1
5+00			9.8	234.9

Sta.		H.I.	Rod	Elev.
5+30		232.40	7.4	225.0
+40.85	M.H. center alley bet. University Place & Douglas		3.98	228.42
+50		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	M.H. center alley bet. Douglas + Washington		4.2	265.6
9+00			4.0	265.8
+50	F.T.		4.1	265.7

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

Sept. 22/09 Shields Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	F.S. 100' north Douglas +100' west Dove.	257.10	6.9	250.2
+50		244.67	5.2	239.5
1+00	12.81 244.29 B.M. 0.38 244.67	232.40	4.4	228.0
+08			6.2	226.2
+12			8.2	224.2
+16			6.7	225.7
+25	N.H. Center Douglas & 100' west Dove.		6.36	226.04
+35			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 bet. univ. ave & Douglas & center Dove	232.40	3.98	228.4

Profile plotted

Alley line Bet. Bush & Sutter from 347.85 East of Eagle to about 266' west Goldfinch.

Sept. 23/09 {Childs, Barber, Taylor}

Sta.		HI	Rod	Elev.
0+00	F.T. 120' East of N.H. at bottom of canyon.	203.51	3.9	199.6
+20			8.2	195.3
+50	12.57 / 190.94 J.P. / 2.56 / 193.50 ✓ / 6.10 / 214.06 H.I. / 12.87 / 201.19 J.P. / 2.32 / 203.51 ✓	193.50	3.4	190.1
1+00			9.2	184.3
+20	N.H. bottom of canyon on main line		9.19	184.31
+50			9.5	184.0
+55	12.60 / 232.09 J.P. / 0.44 / 232.53 ✓		9.9	183.6
+60			6.5	187.0
2+00	13.06 / 219.47 J.P. / 1.39 / 220.86 H.I. / 12.90 / 207.96 J.P.	214.06	10.8	203.3
+20	12.05 / 255.75 J.P.	220.86	12.2	208.7
+50	1.62 / 257.37 H.I.	232.53	8.3	224.2
3+00	13.04 / 244.33 J.P. / 0.36 / 244.69 ✓	257.37	11.9	245.5
+47.85	East line Eagle	267.80	12.2	255.6
+50			11.8	256.0
4+00			10.5	257.3
+50			10.9	256.9

Profile Started

A 22

Sta.		HI.	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	257.2
8+00			9.7	258.1
+50			8.8	259.0
9+00			8.7	259.1
+08	East line Goldfinch		9.5	258.3
+20			10.1	257.7
+23	gutter		10.6	257.2
+50			9.7	258.1
+73			10.6	257.2
+74			9.9	257.9
+88			9.6	258.2

Cont. – from page 25

Sta.		H.I.	Rod	Elev.
9+92		267.80	5.9	261.9
10+00	267.02 B.M. 0.78 267.80 H.I.		6.0	261.8
+50			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	F.J. about 266' west Goldfinch		7.69	260.11

Sept. 23/09 { Hebbilds, Barber, Taylor

Alley line bet. Sutter & Market. from 355.35 Sept. 23/09 {Childs, Barber, Taylor}
East of Eagle to about 20' East of Goldfinch

Sta.		H.I.	Rod	Elev.
0+00	M.H. bottom of Canyon on main line.	186.42	14.8	171.6
+50			11.3	175.1
1+00		193.50	6.5	187.0
+12	11.84 / 181.66 J.P.	203.51	12.6	190.9
+50	4.76 / 186.42	214.06	6.9	207.2
2+00	not less than 12' deep.	232.53	8.8	223.7
+50		234.26	9.7	224.6
3+00			7.5	226.8
+42	Profile Plotted Sheet A-22		7.1	227.2
+50			9.1	225.2
+66			3.0	231.3
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.

Sta.		H.I.	Rod	Elev.
5+50		261.19	2.1	259.1
6+00			1.5	259.7
+50	260.11 / 1.08 / 261.19 H.I.		1.6	259.6
7+00			2.0	259.2
+50			2.1	259.1
8+00			1.1	260.1
+50			1.3	259.9
+95	F.T. 20' East Goldfinch		3.5	257.7

Valley bet. Sutter & market from 50' west Goldfinch
West.

Sept. 24/09 { Childs, Barber, Taylor

Sta		H.I.	Rod	Elev.
0+00	M.H. bottom of Canyon 50' west of Goldfinch	227.94	11.54	216.40
+08			16.7	211.2
+15			11.6	216.3
0+50	12.66 / 226.04 T.P.	238.70	7.3	231.4
1+00	1.90 / 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 T.P.

Profile plotted
Sheet A-22

Alley line bet. Market & mission from 83' Childs Barber Taylor

East of pueblo line to 212.9 west Eagle Sept. 24/09

Sta.		H.I.	Rod	Elev.
0+00	M.H. bottom canyon on main line about 83' East of west line of Idylwild	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.		5.4	170.5
1+00	0.10 / 163.14 ✓	186.42	6.4	180.0
+50	0.42 / 197.21 J.P.	196.83	3.6	193.2
+65	12.86 / 210.07 ✓	209.27	11.6	197.7
2+00		221.62	12.2	209.4
+07	0.17 / 222.25 J.P.		8.8	212.8
+50	12.80 / 235.06 ✓	234.26	3.6	230.7
+75	0.16 / 246.92 J.P.	246.28	6.5	239.8
3+00	12.80 / 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

Sta.		H.I.	Rod	Elev.
5+00		258.92	1.3	257.6
+37.1	West line Eagle	261.18	2.6	258.6
+50	0.42 / 259.30 J.P.		2.1	259.1
6+00	2.69 / 261.99 ✓		1.6	259.6
+50			1.6	259.6
7+00			1.7	259.5
+50	F.J. 212.9 west Eagle.		1.01	260.17

Profile plotted Sheet A-23

29/5 / 22

alley bet. market & mission

to.

Sta.			H.I.	Rod	Elev.
0+00	F.S. 232'.9 west Eagle			1.96	259.23
+50			261.18	2.5	258.7
1+00				3.3	257.9
+50	1.96 / 259.23 J.P.			4.6	255.6
2+00				6.2	255.0
+46.9	East line of Goldfinch			10.0	251.2
+50				10.5	250.8
3+00	259.23 / 1.95 / 261.18	12.38 / 248.80 J.P.	238.70	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	M.H. bottom of Canyon			13.96	181.39
+40		227.94		17.6	177.7
+50		12.93 / 215.01 J.P. / 2.00 / 217.01		14.6	180.7
5+00	12.78 / 194.55 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 — Childs, Barber, Jaylor

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

Profile Plotted sheet A-23

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

Sta.		H.I.	Rod	Elev.
0+00	M.H. bottom g canyon main line	158.64	11.80	146.84
+50		163.14	11.5	151.6
1+00	12.23 / 150.91 J.P. / 2.73 / 158.64 ✓	175.87	10.5	164.4
+50	0.93 / 185.49 J.P.	186.42	3.3	183.1
2+00	12.09 / 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.	246.28	8.0	238.3
+30	12.94 / 222.42 ✓	258.92	6.3	252.6
+50	0.72 / 234.34 J.P.		4.6	254.3
4+00	12.74 / 247.08 ✓		2.9	254.0
+50			3.1	255.8
+55	F.S. 90.6 East of Eagle		3.47	255.45

Profile Notes Sheet 27

Barrows, from 54.6 from 70.6 East Eagle to Sept 25/09 {Childs Barber Taylor

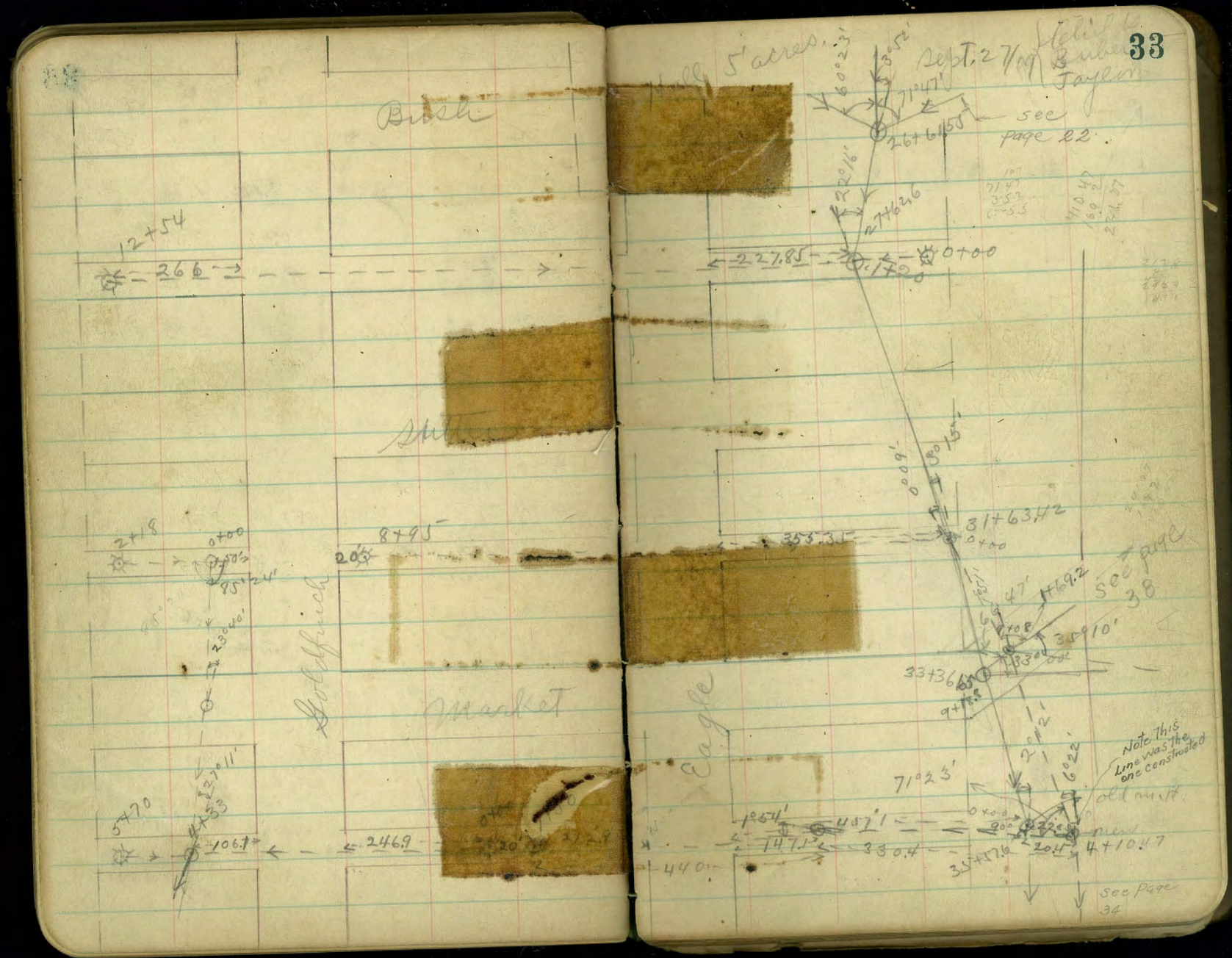
Sta		H.I.	Rod	Elev.
0+00	dead end 70.6 East of Eagle	258.92	4.93	253.99
+05			5.3	253.6
+38	12.63 / 247.09 J.P.	235.05	4.2	230.9
+50	246.28 J.P. / 1.01 / 247.29		10.2	224.8
+87	12.60 / 234.69 J.P. / 0.36	222.41	12.7	209.7
+91	M.H. bottom of canyon 235.05 ✓		10.96	211.45
1+00	13.03 / 222.02 J.P.		7.9	214.5
+50	0.39 / 222.41 ✓	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

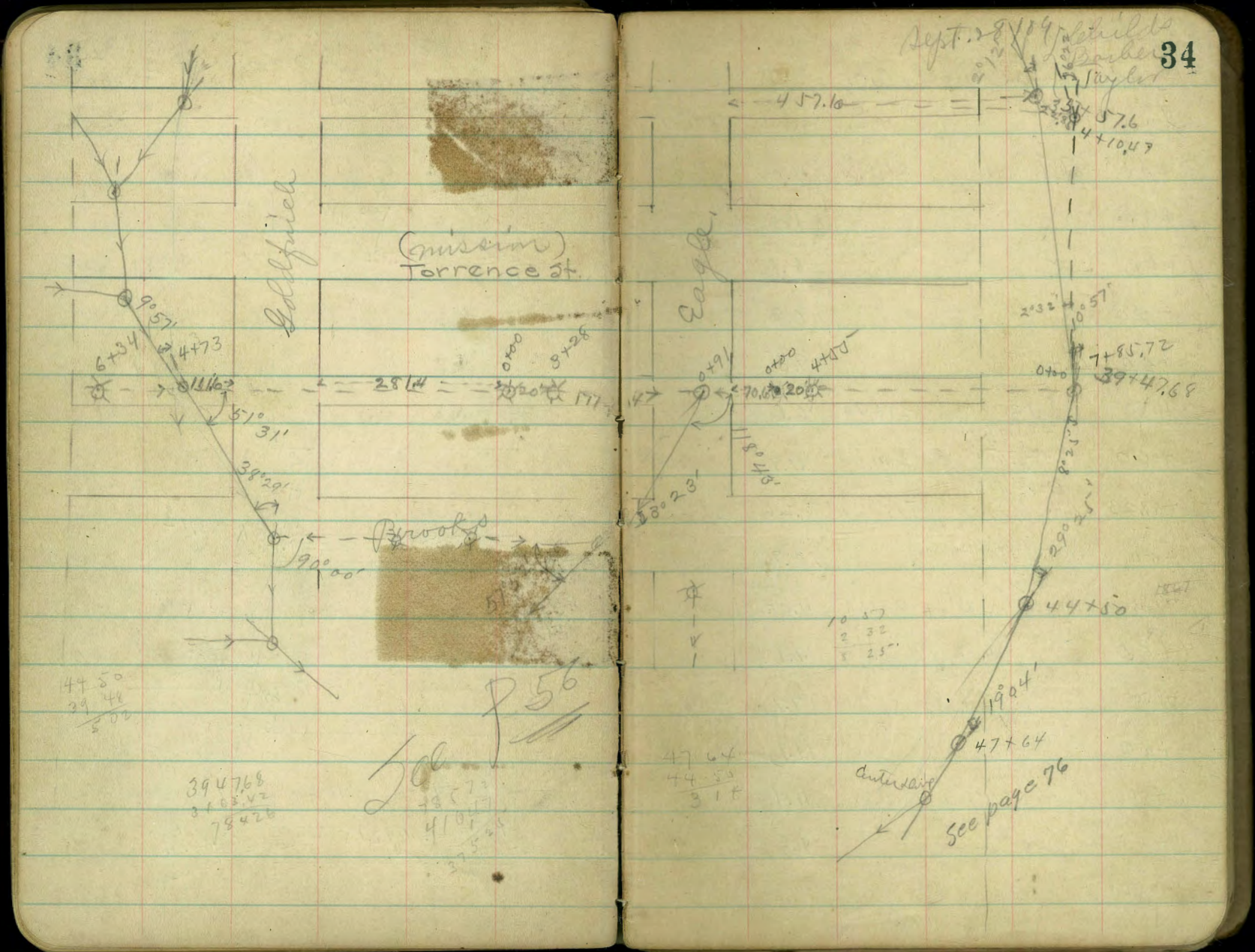
Profile Notes Sheet 23

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.S. 177.4 west Eagle street		8.07	253.11
0+00	F.S. 197.4 west Eagle.	261.18	7.71	253.47
+50		238.70	6.5	232.2
1+00	7.50 209.51 S.P. 10.54 220.05	220.05	0.2	219.8
+80		217.01	9.0	208.0
+50			12.5	204.5
2+00	12.28 204.73 S.P. 2.60 207.33	207.33	8.1	199.2
+15			13.3	194.0
+50		183.09	3.6	179.5
+81.4	East line Goldfinch		14.8	168.3
+85			18.5	164.6
+90			15.1	168.0
3+60			13.9	169.2

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	N.H. bottom of camp,		12.73	157.74
+80			15.5	155.0
+87			13.7	156.8
5+00	1293 182.42 S.P. 0.67 183.09		11.0	159.5
+50		183.09	9.0	174.1
6+00	12.92 170.17 S.P. 0.30 170.47	195.35	10.7	184.6
+34	F.S. 272.6 west of Goldfinch		7.5	187.8
				473 191.1 191.6


Bush
Market
Goldfinch
Eagle
Sept. 27/09
Jaylor
see page 22
see page 38
see Page 34
Note This Line was the one constructed
old mill
new
12+54
266
227.85
0+00
26+61.55
31+63.42
8+95
2+18
5+70
106.1
246.9
33+36.65
4+10.47
71°23'


(mission)
Torrence St.
Goldfinch
Brooks
Eagle
Sept. 28 1909
Lehilds
Barber
Taylor
4+57.6
4+10.47
7+85.72
39+47.68
44+50
47+64
Centerline
See page 76
See P 56

Line on Robinson & Hawley to center market, & west on from alley west of albatross market to bottom of canyon. Sept. 28/19 Childs Barber Taylor

Sta.		H.I.	Rod	Elev
0+00	F.J.	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	12.78 / 255.58 J.P. ③	256.40	6.6	249.8
3+00	0.82 / 256.40 ✓	244.24	4.9	239.3
+07.23	12.91 / 243.49 J.P. ④ / 0.75 / 244.24 ✓ M.H. about 15' deep		6.26	238.0
+50	12.95 / 231.29 J.P. ⑤ / 0.26 / 231.55 ✓		10.9	233.3
+98.68	M.H. center alley bet. Robinson & Sloane.	231.55	4.02	227.5
4+00	about 14' deep		4.1	227.4
+50	12.55 / 219.00 J.P. ⑥ / 0.88 / 219.88 ✓		7.7	223.8
5+00	12.73 / 207.15 J.P. ⑦ / 0.56 / 207.71 ✓		11.1	220.4
+50	about 11' deep	219.88	4.4	215.5
6+00			8.8	211.1
+50			13.2	206.7

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
8+00	0.33 / 195.17 ✓		10.5	184.7
+20	12.94 / 182.23 J.P. ⑩ / 0.38 / 182.61 ✓		13.0	182.2
+50	13.06 / 169.55 J.P. ⑪ / 0.42 / 169.97 ✓	182.61	6.5	176.1
+80		170.9 / 169.97	1.6	178.4
9+00			3.7	166.3
+18.8	M.H. center market & on main canyon line		4.17	165.80

Profile Plotted Sheet A-24

15943
10.54

Market, st. line from Hawley East.

Sept 28/09 Childs Barber Tayler

Sta.		H.I.	Rod	Elev.
0+00	M.H. Center Hawley & Market	207.71	7.55	200.16
+50			5.0	202.7
1+00			3.8	203.9
+50			5.8	206.9
+80			1.7	206.0
2+00			1.6	206.1
+25	F.J.		1.28	206.43

Profile Plotted
Sheet A-24

Hawley St, from Canyon So.
So. line of Idyllwild.

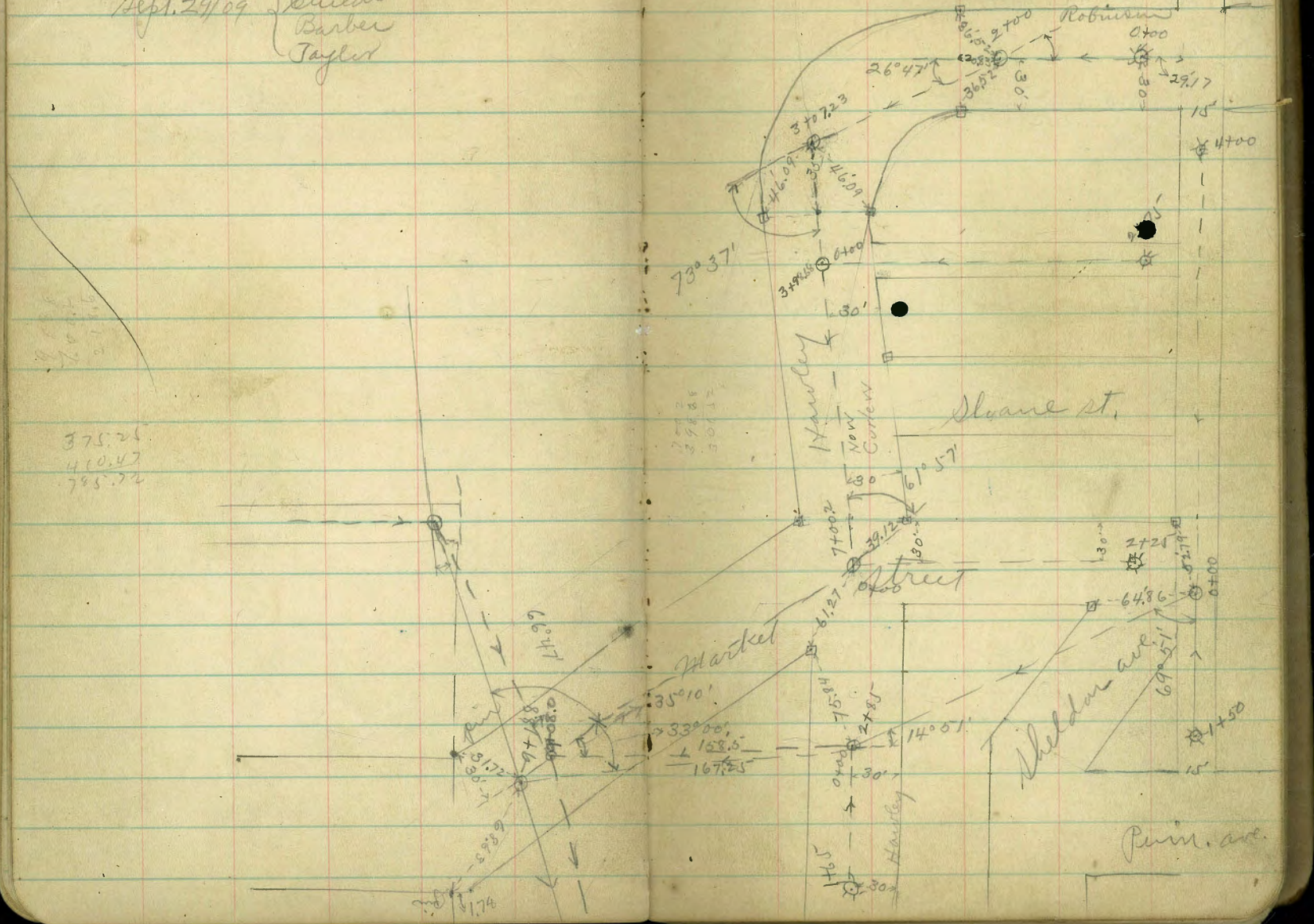
Sta.		H.I.	Rod	Elev.
0+00	M.H. Center Hawley + bottom of Canyon	182.61	7.13	175.5
+07			10.2	172.4
+11			8.0	174.6
+35			1.8	180.8
+42		195.17	9.9	185.3
+50			8.6	186.6
1+00			9.4	185.8
+25			8.4	186.8
+33			10.9	184.3
+50			10.4	184.8
+65	F.J.		10.42	184.75

Profile Plotted
Sheet a 24

of Market to

Sept 28/09 { Childs
Barber
Taylor

Sept. 29/09 { Childs
Barber
Taylor



alley west of altatross from to Penn. ave.

Sta.		H.I.	Rod	Elev.
0+00	M.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 Platted sheet A-24

bottom of canyon Sept. 29/09 { Childs, Barber, Taylor

Alley ~~bet.~~ west of albatross from bottom of canyon
North to Robinson ave.

Sept. 29/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. bottom of canyon	207.71	8.76	198.95
+50		217.66	2.2	215.5
1+00	267.06 B.M. 1.30 268.36	242.61	6.4	236.2
+50	13.00 255.36 J.P. ① 0.04 255.40	255.40	5.3	250.1
+75	12.88 242.52 J.P. ⑫ 0.09 242.61	268.36	13.1	255.3
2+00			11.1	257.3
+50	206.43 11.23 217.66		8.9	259.5
3+00			6.9	261.5
+50			6.1	262.3
4+00	F.J. near Robinson		5.10	263.3

Profile plotted R-25

Canyon line from alley west of main line in bottom of canyon at albatross to center Market St. Sept. 29/09 {Childs Barber Taylor

Sta		H.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	194.84 JB ⑨ 2.81 197.65 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

Sta		H.I.	Rod	Elev.
4+50		170.0 169.97	4.4	165.6
+52.25	M.H. center market ~~of~~ main line		4.17	165.80

Profile plotted A-25

Alleyline bet. Robinson & Sloane from Idyllwild to Harvley,

Sept. 29/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. Center Harvley	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	F.J.	268.36	6.97	261.39

261.39
1.35
262.74 ✓
12.91
249.83 J.P. (14)
0.73
250.56 ✓

Profile placed sheet No 25

Line on Eagle from 20' So. of bottom of canyon in Hall's Lewis to 5 acre tract. Sept. 30/09 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	F.S. 20' so. Lewis	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

Sta.		H.I.	Rod	Elev.
6+98.6	So. 7' line of Washington	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 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
14+00.15	N.W. center alley bet. Bush & Douglas.	263.92	4.09	259.83
14+26		263.51	5.9	257.6
+50	259.83 3.68 263.51 ✓		12.9	250.6
15+00	13.01 250.50 J.P. (4)	238.47	6.9	231.6
+50	0.28 250.78 ✓ 12.84 237.94 J.P. (5)	215.05	2.4	212.7
+75	M.H. bottom of Campus. 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 5 acres to Boyle's.

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	12.25 / 255.59 S.P. ①	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

Pencil Platted A-26

Douglas from

Sept. 30/09 { Childs 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 {Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	N.H. center alley bet. Bush + Douglas.	267.84	6.09	261.7
+50			3.7	264.1
1+00			3.0	264.8
+50	3.20 / 264.64 T.P. ②	271.65	6.6	265.0
2+00	7.01 / 271.65		5.3	266.3
+50			4.4	267.2
3+00			4.0	267.6
+50			4.8	266.8
4+00			5.3	266.3
+20	No. line Douglas.		5.6	266.0
+50			5.7	265.9
5+00			5.5	266.1
+50			7.1	264.5
6+00			7.0	264.6
+50			5.5	266.1
+93			5.7	265.9

Profile Plotted Sheet 11-26

Sta		H.I.	Rod	Elev.
6+95		271.65	6.9	264.7
7+00			7.2	264.4
+50	6.15		6.7	264.9
+69			5.9	265.7
+80			3.7	267.9
8+00			3.3	268.3
+50			3.1	268.5
9+00			2.7	268.9
+50			3.9	267.7
10+00			4.8	266.8
+50	F.J. about 19' from Getti		5.7	265.9

265.50
6

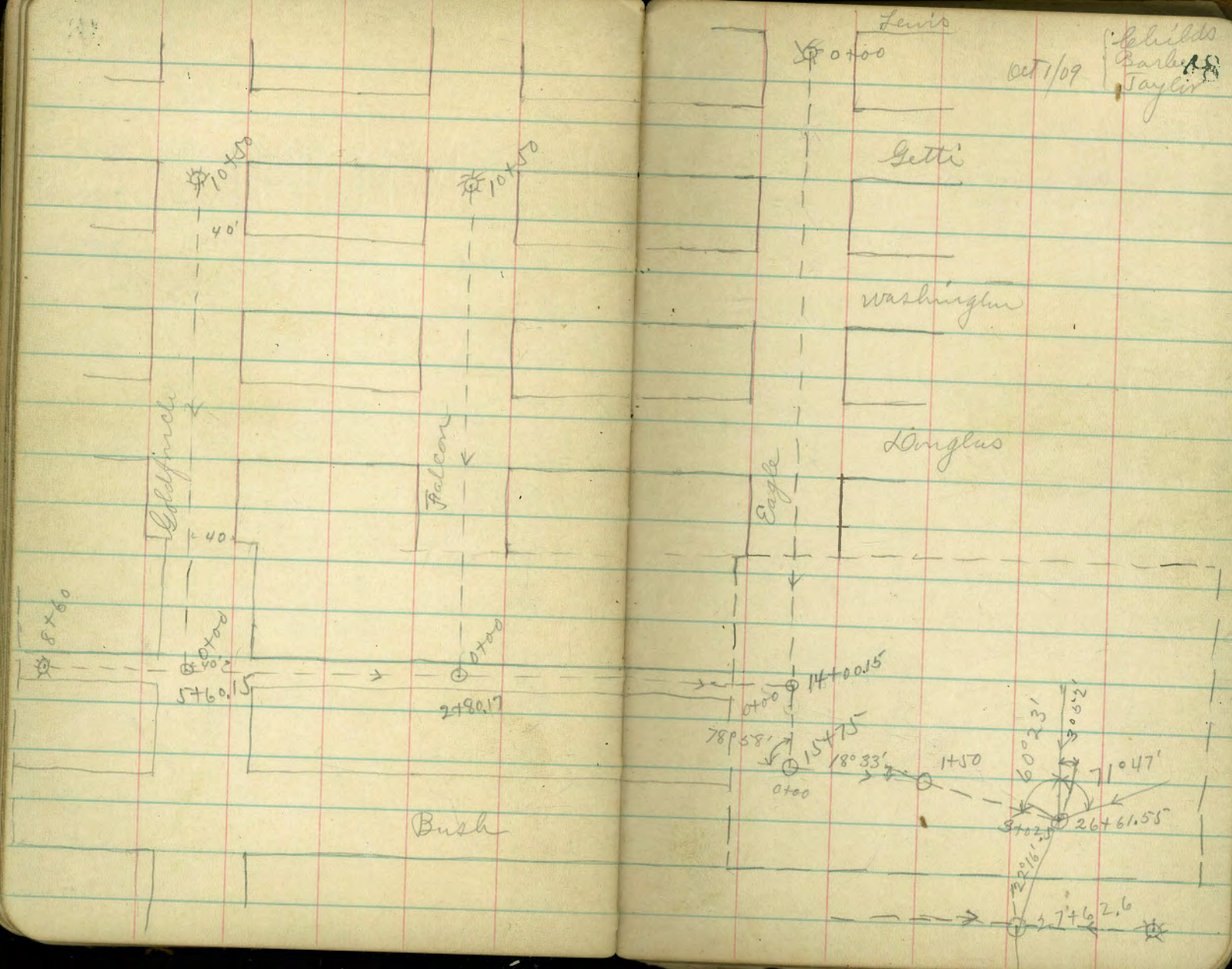
Goldfinch St. line from center alley bet. Bush & Douglas to Getti.

Sept. 30/09 — Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. center alley bet. Bush & Douglas	267.84	6.49	261.3
+50			6.0	261.8
1+00			5.4	262.4
+50	267.02 B.M. 0.82 267.84 ✓		5.0	262.8
2+00			4.5	263.3
+50			4.0	263.8
3+00			3.4	264.4
+50			2.9	264.9
+70.13	So. 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

Sta.		H.I.	Rod	Elev.
7+50		267.84	1.4	266.4
8+00			0.6	267.2
+50			0.5	267.3
9+00			+0.2	267.6
+50			−0.1	267.9
10+00			−0.6	268.4
+50	F.T.		−1.0	268.8


Oct 1/09
Childs
Barber
Taylor
Lewis
0+00
Getti
Washington
Douglas
Eagle
10+50
10+50
40'
40
Goldfinch
Falcon
8+60
0+00
0+00
5+60.15
2+80.17
Bush
14+00.15
0+00
78°58'
15+75
0+00
18°33'
1+50
60°23'
71°47'
26+61.55
27+62.6

Canyon line from center
Center Dove in Hall's 5 acres

Sta		H.I.	Rod	Elev.
0+00	N.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	N.H.		8.0	196.0
2+00	12.87 / 191.09 J.P. ①		10.3	195.7
+50	0.31 / 191.40 ✓	191.40	1.7	189.7
3+00			4.6	186.8
+02.5	N.H. center Dove + on main line		4.77	186.63

Profile plotted
N-26

Eagle near Bush to
Oct. 1/09 (Childs, Barber, Taylor

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

Sta.		H.I.	Rod	Elev.
0+00	M.H. on curve So. of market	264.16	5.01	259.15
+50		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 2.48 261.63 ✓		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. 64°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

Graphic Sheet Sheet a-26

So. of market

Oct. 2/09 { Childs Barber Saylor

Sta		H.I.	Rod	Elev.
5+55	M.H.	261.63	10.80	250.8
6+00	13.03 248.60 S.P. ⑥ 0.99 249.59 ✓	249.59	2.5	247.1
+15			4.2	245.4
+50	12.68 236.91 S.P. ⑧ 0.58 237.49 ✓	237.49	3.4	234.1
+55.37	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.S. 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. Curb, market & Jackdaw.	272.02	8.1	263.9
+50			5.5	266.5
1+00			4.2	267.8
+50			4.0	268.0
2+00	0.75		2.3	269.7
+50	271.27 TP. 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 Sheet No. 26

Jackdaw

Oct. 4/09 { Childs, Barber, Taylor

Sta

℄ line on Jackdaw from center of 131.63 S.E.

market St. Oct. 4/09 { Shields Barber Taylor

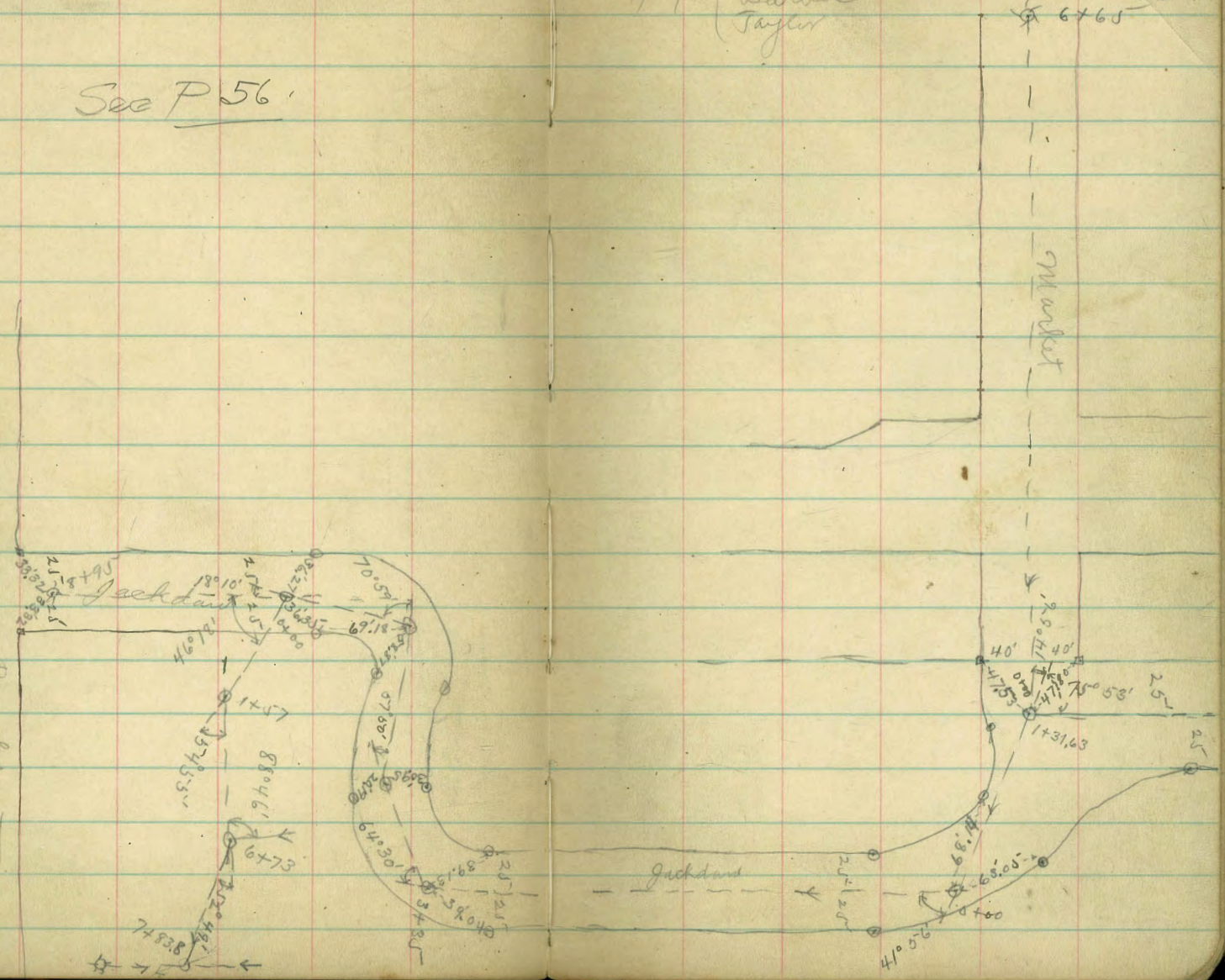
Sta.		H.I.	Rod	Elev.
0+00	M.H. on curve just so. of market	272.02	12.87	259.1
+50			11.6	260.4
1+00			10.0	262.0
+31.63	M.H. center market & Jackdaw.		8.1	263.9

259.15
12.87
272.02

Profile plotted
C-26

Oct 4/09 { Childs
Barber
Taylor

See P 56



Canyon line from center of Brooks to center of alley bet. Brookes & Jackdaw just no. of mission in bottom of canyon Oct. 4/09. {Childs Barbers Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. center Jackdaw just no. of Brooks	237.49	5.58	231.9
+50			10.4	227.1
1+00	12.64 / 224.85 J.P. (4)	225.79	6.6	219.2
+25	0.94 / 225.79 ✓		12.8	213.0
+30	13.04 / 212.75 J.P. (5)	213.20	2.5	210.7
+50	0.45 / 213.20 ✓		4.0	209.2
+57	12.83 / 200.37 J.P. (6)		3.88	209.3
+74	1.01 / M.H. 201.38 ✓		6.5	206.7
+82	13.05 / 188.33 J.P. (7)		8.4	204.8
2+00	0.68 / 189.01 ✓		9.2	204.0
+50	12.97 / 176.04 J.P. (8)		12.8	200.4
3+00	0.39 / 176.43 ✓	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 A-27

Sta.		H.I.	Rod	Elev.
5+50		176.43	3.9	172.5
+62	12.96 / 163.47 J.P. (9)		4.9	171.5
+65	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 of 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

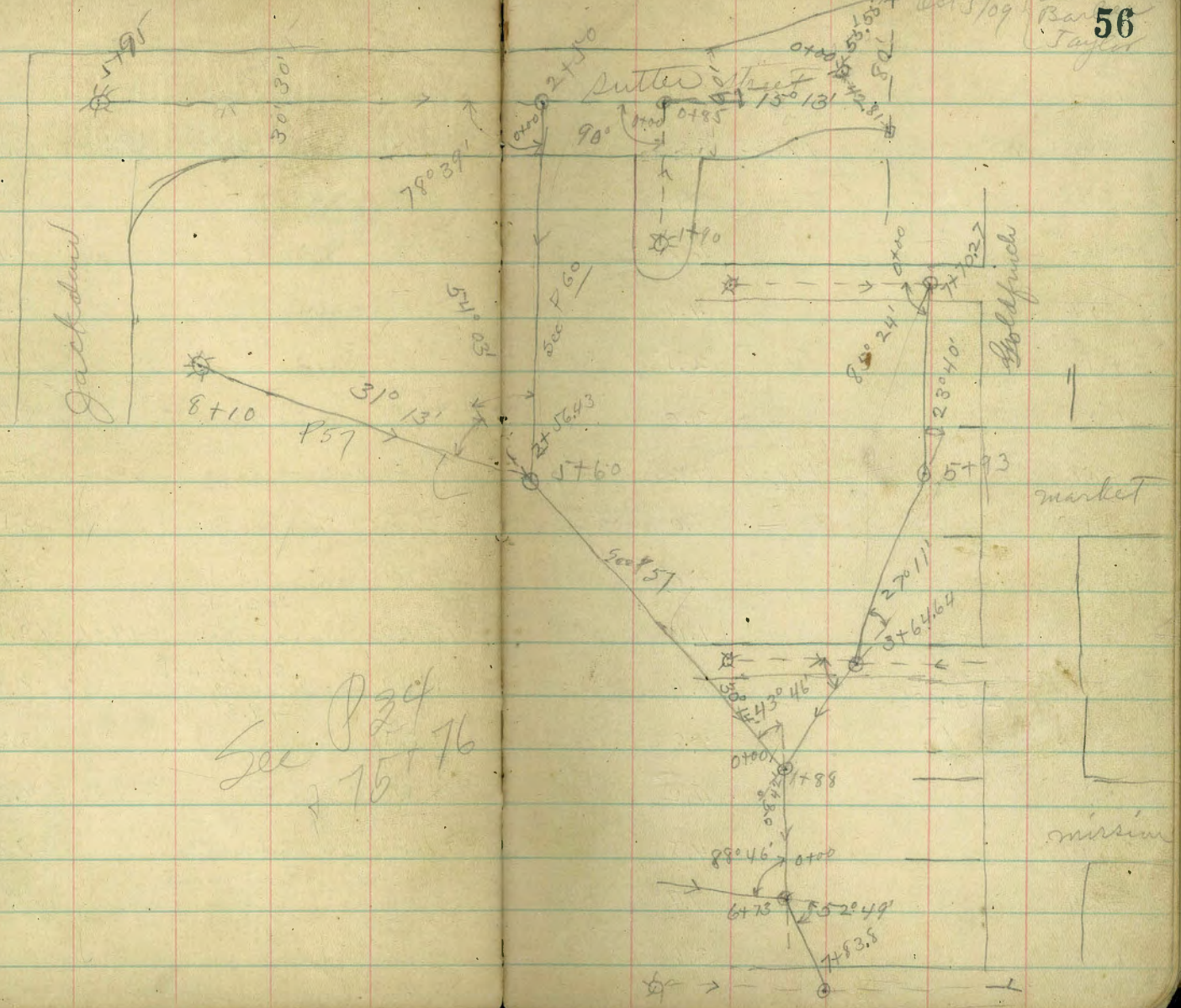
Sta.		H.I.	Rod	Elev
0+00	M.H. = 6+73 on Page 54	165.92	5.52	160.4
+50			3.0	162.9
1+00		176.43	10.8	165.6
+12	9.65 166.78 J.P. (10) 11.55 178.33 ✓		11.2	165.2
+20			12.6	163.8
+33	0.05 178.28 J.P. (11) 12.76 191.04 ✓	178.33	12.5	165.8
+50			13.6	164.7
+60			11.8	166.5
+88	M.H.		9.32	169.0
+96			9.7	168.6
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 Blatter K-27

page 54 to

Oct. 5/09 Hebilde Barber Taylor

Sta		H.I.	Rod	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	0.45 202.55 J.P. (14) 12.26 214.81 ✓		2.9	200.1
7+00		214.81	10.5	204.3
+10	0.21 214.60 J.P. (15) 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


Oct 5/09
Childs
Barber
Taylor
Sutter Street
Jackson
Goldfinch
market
mission
See P 57
See P 60
See P 34
+ 75 + 76
5+95
30° 30'
78° 39'
2+50
90°
0+00
0+85
15° 13'
1+90
8+10
31° 13'
P57
2+56.43
5+60
5+93
23° 40'
27° 11'
3+64.64
43° 46'
1+88
88° 46'
6+73
52° 49'
7+83.8

Canyon line from Sta. 1488
Jackdaw Street

Sta		H.I.	Rod	Elev.
0+00	M.H. = 1488 page 55.	178.33	9.32	169.0
+50			7.0	171.3
1+00			6.0	172.3
+71			4.1	174.2
+50			2.5	175.8
+75			2.0	176.3
2+00		191.04	11.2	179.8
+50			9.0	182.0
3+00			5.0	186.0
+50	0.28 190.76 T.P. (12) 12.24 203.00 ✓		1.1	189.9
4+00		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

Profile plotted
W. 27

Page 55 to

Oct. 6/09 { Schulz, Barber, Joyce

Sta		H.I.	Rod	Elev.
5+50		203.00	2.2	200.8
+60	M.H. Junction of canyon = 2+56.43 on line from Sutter Street	211.89	10.31	201.6
6+00			2.9	209.0
+50	0.53 202.47 T.P. (13) 9.42 211.89 ✓	223.84	8.2	215.6
7+00			2.6	221.2
+09	0.30 211.59 T.P. (16) 12.25 223.84 ✓		3.4	220.4
+18		235.36	11.0	234.4
+50	0.76 234.60 T.P. (18) 12.83 247.43 ✓		5.7	229.7
8+00	0.66 246.77 T.P.	247.43	6.5	240.9
+10	F.J. near Jackdaw		4.80	242.6

Sutter street from Pueblo line west of Goldfinch to Jackdaw.

Oct. 6/09 { Childs, Barber, Taylor

Sta		H.I.	Rod	Elev.
0+00	F.J. center Sutter near pueblo line.	260.57	4.28	256.2
+50			4.1	256.4
+85	M.H. center Sutter + 40' street on South.		4.15	256.3
1+00			4.8	255.7
+50	260.11 0.40 260.57		7.7	252.8
2+00			11.1	249.4
+50	drops M.H. on Canyon line.		12.64	247.87
3+00			11.1	249.4
+50			7.6	252.9
4+00	0.27 260.24 J.P. ① 3.05 263.29		4.2	256.3
+50			1.7	258.8
5+00			0.5	260.0
+50		263.29	2.7	260.6
+95	F.J. near center of Jackdaw		2.63	260.7

Sheet A-28

Profile plotted

40' Street so. of Sutter
bet. Goldfinch & Jackdaw

Oct. 6/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	center Sutter +40' st going so.	260.51	4.15	256.36
+50		263.29	6.1	257.2
1+00			6.6	256.7
+50			7.4	255.9
+90	F.S. or dead end		7.72	255.57

Profile Plotted
Sheet A-28

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

Sutter st. line to Jackdaw st.

Oct 13/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00 =	2+50 on sutter line M.H. Center Sutter bet. Goldfinch & Jackdaw	252.98 / 253	5.13	247.85
+25			5.9	247.1
+50		235.36	6.3	229.1
+63		223.84	2.8	221.0
1+00	0.62 / 223.22 S.P. (17) / 12.14 / 235.36 ✓		10.3	213.5
+50		211.89	2.1	209.8
2+00	246.77 S.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 Plotted A-28

Ruterbaugh street from Kite to Lark street

center of

Oct. 13/09

{ Childs
Barber
Taylor

61

Sta.		H.I.	Rod	Elev.
0+00	N.H. Center Kite & Ruterbaugh	271.78	9.95	261.8
+50			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	F.I. about 2' from Lark street		2.9	268.9

Profile plotted
A-28

Kite street from center Brooks

Sta. 5+67.85 north of Torrence.

Oct. 14/09 { Childs Barber Taylor

62

Sta.		H.I.	Rod	Elev.
0+00	M.H. center Kite & Brooks	259.98	2.44	257.54
+50		268.57	9.5	259.1
1+00			8.0	260.6
+50			7.2	261.4
+77.85	M.H. center Kite & Puterbaugh		6.74	261.83
2+00			6.4	262.2
+50	264.28 T.P. ① 4.29 268.57		6.3	262.3
3+00	10.95 257.62 T.P. ②		7.1	261.5
+50	2.36 259.98		6.5	262.1
4+00			5.3	263.3
+50			4.1	264.5
+75.00	M.H. center Kite & Torrence.		3.67	264.90
5+00			2.9	265.7
+50			1.8	266.8
+67.85	F.J.		1.66	266.91

Profile blotted A-28

Brooks street from center Center Hawk.

Sta		H.I.	Rod	Elev
0+00	M.H. center Kite	259.98 / 2600	2.44	257.54
+50			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-28

Kite to Oct. 14/09 {Childs, Barber, Taylor}

Sta.		H.I.	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

12.00
247.98 J.P. (3)
1.05
249.03
13.01
236.02 J.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	12.61 212.08 J.P. (2) 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 Slotted A-28

Lot line bet. Hawk & Goldfinch from Brooks to Willow Oct 14/09 Childs Barker Taylor

Sta.		H.I.	Rod	Elev.
0+00	F.T. 25 So. of Brooks.	200.23	5.29	194.94
+25			10.0	190.2
+50	12.96 187.27 J.P. (4) 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		181.36	10.8	170.6
2+00	12.92 168.44 J.P. (6) 0.75 169.19	187.91	4.1	183.8
+50	F.T. about 25' from Willow	212.32	7.46	204.86

Profile Slotted sheet A-28

Torrence street from center of Kite to 250' west.

Oct. 15/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. center Kite	276.93	12.03	264.90
+50			9.7	267.2
1+00	264.90 / 12.03 / 276.93		7.7	269.2
+50			5.7	271.2
2+00			3.7	273.2
+50	F.I.		3.25	273.68

Profile plotted
A. 28

Goldfinch from 115' so. of Brooks.
to Sta. 5+00 South.

Oct. 15/09 { Childs, Barb, Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. center &	150.10	6.99	143.1
+50	Goldfinch 115' so. of Brooks	169.19	12.1	157.1
1+00		181.36	9.8	171.6
+50	11.87 157.32 J.P. (7) 0.07 157.39 ✓		10.0	171.4
+70	12.86 144.53 J.P. (8) 5.57 150.10 ✓		11.5	169.9
+84.6	No. line Willow		7.7	163.7
2+00	12.26 175.65 J.P. (5)	187.91	7.3	180.6
+38	5.71 181.36 ✓	200.23	1.1	199.1
+50			1.3	198.9
+61	12.87 199.45 J.P. (3)		2.8	197.4
+64	0.78 200.23 ✓	212.32	8.2	204.1
3+00		224.69	5.7	219.0
+22	13.04 223.95 J.P. (1)	236.99	7.1	229.9
+50	0.74 224.69 ✓		1.6	235.4
4+00	236.02 6.65	242.67	3.7	239.0
+50	242.67 ✓		2.1	240.6

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

Profile plotted
Sheet A-29

Goldfinch from 195' no. of Center of Mpas to Redwood street

Oct. 15/09 {Childs, Barber, Taylor} 67

Sta.			H.I.	Rod	Elev.
0+00	F.S. 195' no. of center of Mpas.		242.67	2.31	240.36
+50				6.4	236.3
1+00		13.04 229.63 J.P. (9)		12.8	229.9
+50		0.21 229.84 ✓	229.84	6.3	223.5
+95	center Mpas.			11.92	217.92 J.P. (10)
2+00		1.40 219.32 ✓		12.3	217.5
+50		12.58 206.74 J.P. (11)	219.32	4.0	215.3
3+00		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		0.62 195.36 ✓		7.7	199.1
+50				10.9	195.9
+75.7	center Thom			12.02	194.74 J.P. (12)
6+00				195.36	1.2/194.2

Profile Plotted Sheet A-29

Sta			H.I.	Rod	Elev.
6+50			195.36	3.6	191.8
7+00				6.7	188.7
+50		12.67 182.69 J.P. (13)		9.7	185.7
8+00		0.18 182.87 ✓	182.87	1.6	181.3
+50		12.73 170.14 J.P. (14)		8.3	174.6
9+00		0.38 170.52 ✓	170.52	5.2	165.3
+27				11.5	159.0
+50			158.57	8.0	150.6
+56.8	center Spruce			10.96	147.61
+71		12.58 145.99 J.P. (16)	146.69	4.4	142.3
10+00		0.70 146.69 ✓		12.0	134.7
+47	M.H. bottom of Campus	12.00 134.69 J.P. (17)	136.23	6.54	129.69
+50		1.54 136.23 ✓		7.5	128.7
+55				6.9	129.3
11+00			146.69	7.9	138.8
+50			158.57	11.2	147.4

Cont. from page 67

Oct 16/09 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
12+00		158.57	4.3	154.3
+50		170.52	6.4	164.1
+75	F.S. about 22' from Redwood		0.79	169.73

12.30
158.22 S.P. (15)
0.35
158.57

Lot line bet. Goldfinch & 135' no. of center of upas to Falcon from Oct 16/09 {Childs, Barber, Taylor} 69

Sta.		H.I.	Rod	Elev.	Sta		H.I.	Rod	Elev.
0+00	F.T. 135' no. of center of upas.	223.00	2.06	220.9	6+00		174.69	3.7	171.0
+50			8.4	214.6	+50			6.1	168.6
1+00	217.92 J.P. 5.08 223.00 ✓	211.49	4.6	206.9	7+00			6.0	168.7
+35	12.95 210.05 J.P. ② center upas.		9.8	201.7	+50			6.5	168.2
+50	1.44 211.49 ✓		11.4	200.1	8+00	12.70 161.99 J.P. ⑦		8.7	166.0
+76	12.93 198.56 J.P. ③ 0.25 198.81 ✓	198.81	2.8	196.0	+50	1.02 163.01 ✓	163.01	2.6	160.4
2+00	11.93 186.88 J.P. ④		10.2	188.6	9+00	12.75 150.26 J.P. ⑧ 2.14 152.40 ✓		11.2	151.8
+50			14.8	184.0	+33		152.40	7.9	144.5
+76			8.3	190.5	+50			13.2	139.2
+84			6.6	192.2	10+00		128.03	5.9	122.1
3+00			7.0	191.8	+10	M.H. bottom of canyon		8.91	119.12
+50			6.5	192.3	+27			11.3	116.7
4+00			9.1	189.7	+29			18.3	109.7
+50		187.00 186.98	1.9	185.1	+50			16.0	112.0
5+00			7.1	179.9	+52			12.0	116.0
+50			11.9	175.1	11+00		140.53	13.3	127.2

Profile Plotted Sheet A-30

see Page 71

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

sta.		H.I.	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. ③		13.3	186.0
+50	0.12 186.87 ✓		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. ④		8.1	178.8
3+00	0.11 174.28 ✓	174.28	7.4	166.9
+32	12.77 161.51 J.P. ⑤ 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 camp		11.26	139.2
+59			13.2	137.3

Profile plotted A-29

Falcon from 160' 6+50 near Brooks. Oct 18/09 {Childs, Barber, Taylor

sta.		H.I.	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 { Childs, Barber, Tayler

sta.		H.I.	Rod	Elev.
11+50	12.37 140.03 T.P. (11)	140.53	3.1	137.4
12+00	0.50 140.53 ✓	152.40	9.1	143.3
+50	1.50 150.90 T.P. (10)		9.0	143.4
13+00	6.37 157.27		9.8	142.6
+50			6.2	146.2
14+00			7.0	145.4
+50			10.5	141.9
+63			6.0	146.4
15+00		157.27	3.2	154.1
+20	F.S.		2.89	154.38

Falcon street from 135' no. of center of Upas to Quince Street

Oct 18/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00		211.10	6.8	204.3
+50			8.8	202.3
1+00	12.63 / 198.47 J.P. ① / 1.15 / 199.62 ✓	199.62	2.8	196.8
+35	Center Upas.		8.40	191.22
+50	12.79 / 186.83 J.P. ② / 0.15 / 186.98 ✓		10.8	188.8
+65			13.4	186.2
+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	12.77 / 162.25 J.P. ⑤ / 0.29 / 162.54 ✓	158.70	8.8	149.9
+54	12.67 / 149.87 J.P. ⑥ / 8.83		11.9	146.8
+58	M.H. bottom of Canyon / 158.70 ✓		10.17	148.5
3+00		162.54	0.5	162.0
+50	12.63 / 174.35 J.P. ③ / 0.34 / 174.69 ✓	187.0 / 186.98	10.1	176.9
4+00			6.6	180.4
+50	F.S. 65.8 no. of center of Thorn		8.88	178.10

Profile Platter

A-30

Sta.		H.I.	Rod	Elev.
0+00	F.S. 65' So. of center of Thorn.	174.69	11.80	162.9
+25		163.01	4.8	158.2
+50	12.42 / 150.59 J.P. ⑨ / 0.09 / 150.68	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		140.53	7.1	133.4
3+00		128.03	2.5	125.5
3+15.9	Center Spruce		4.93	123.1
+50	12.68 / 127.85 J.P. ⑫ / 0.18 / 128.03 ✓		10.6	117.4
4+00	12.82 / 115.21 J.P. ⑬ / 2.39 / 117.60 ✓	117.60	7.3	110.3
+40	12.81 / 104.79 J.P. ⑭ / 0.20 / 104.99 ✓		8.2	109.4
+50			10.0	107.6
+67	M.H. bottom of Canyon	104.99	1.03	103.96
5+00			3.4	101.6

Sheet A-31

Cont. from Page 72

Sta.		H.I.	Rod	Elev.
5+50		104.99	4.8	100.2
+72		117.60	12.3	105.3
6+00			11.1	106.5
+50			13.2	105.4
+75		104.99	0.8	104.2
+96.9	Center Redwood	105.00	5.66	99.3
7+00			6.0	99.0
+50			10.9	94.1
+65	N.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 from center of Prince		8.83	108.8

Oct. 18/09 { Schield, Barber, Taylor

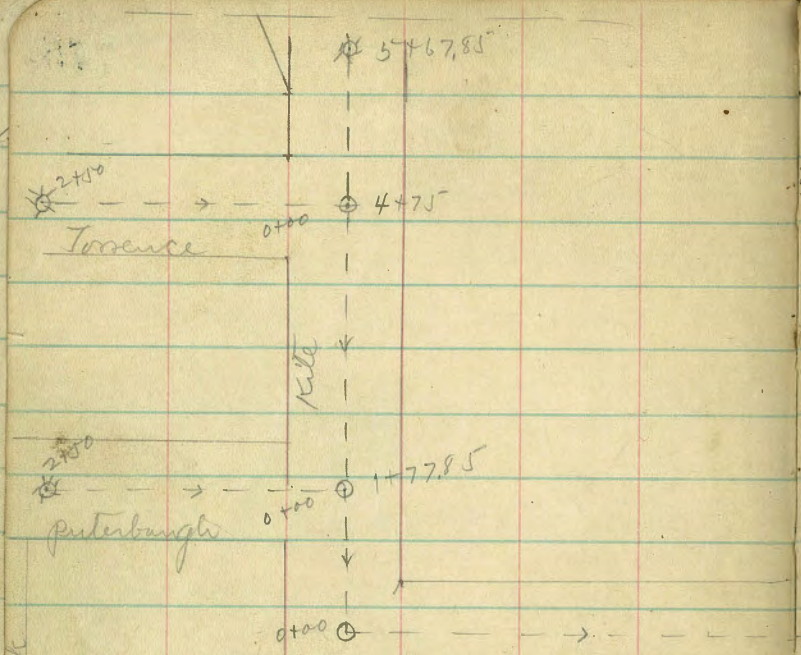
Falcon street from 160' no. of center of upas. to sta. 3+35 bottom of canyon

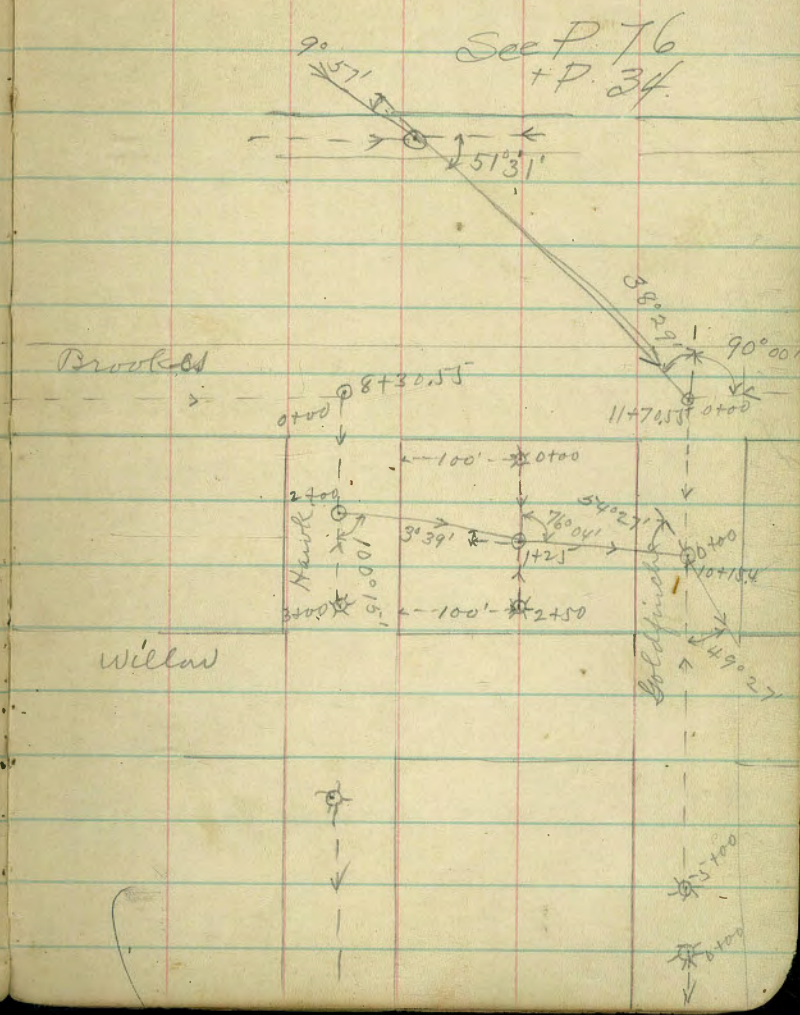
Oct. 18/09 { Childs, Barber, Taylor

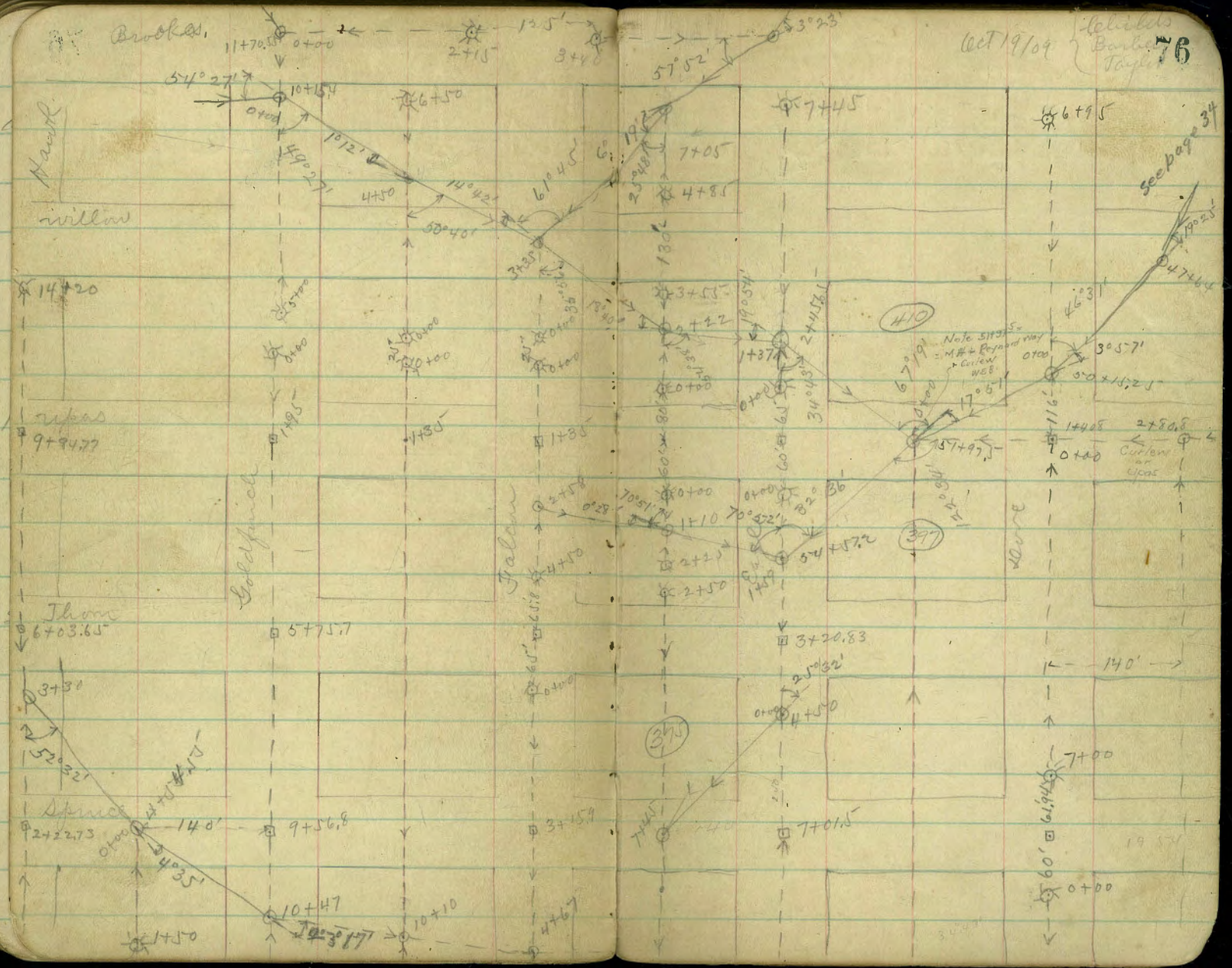
Sta.		H.I.	Rod	Elev.
0+00	F.S. 160' no. of center of upas.	211.10	10.04	201.1
+05			10.9	200.2
+50	12.67 198.43 J.P.(2) 0.90 199.33 ✓	186.87	9.6	177.3
+79		174.28	8.4	165.9
+83			12.6	161.7
1+00			12.7	161.6
+20			13.5	160.8
+50		161.61	5.4	156.2
+75	12.30 149.31 J.P.(6) 1.20 150.51 ✓		8.2	153.4
2+00	12.31 138.20 J.P.(7) 1.71 139.91 ✓	150.51	3.3	147.2
+50			12.9	137.6
3+00		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 Canyon		7.58	132.33

Profile plotted

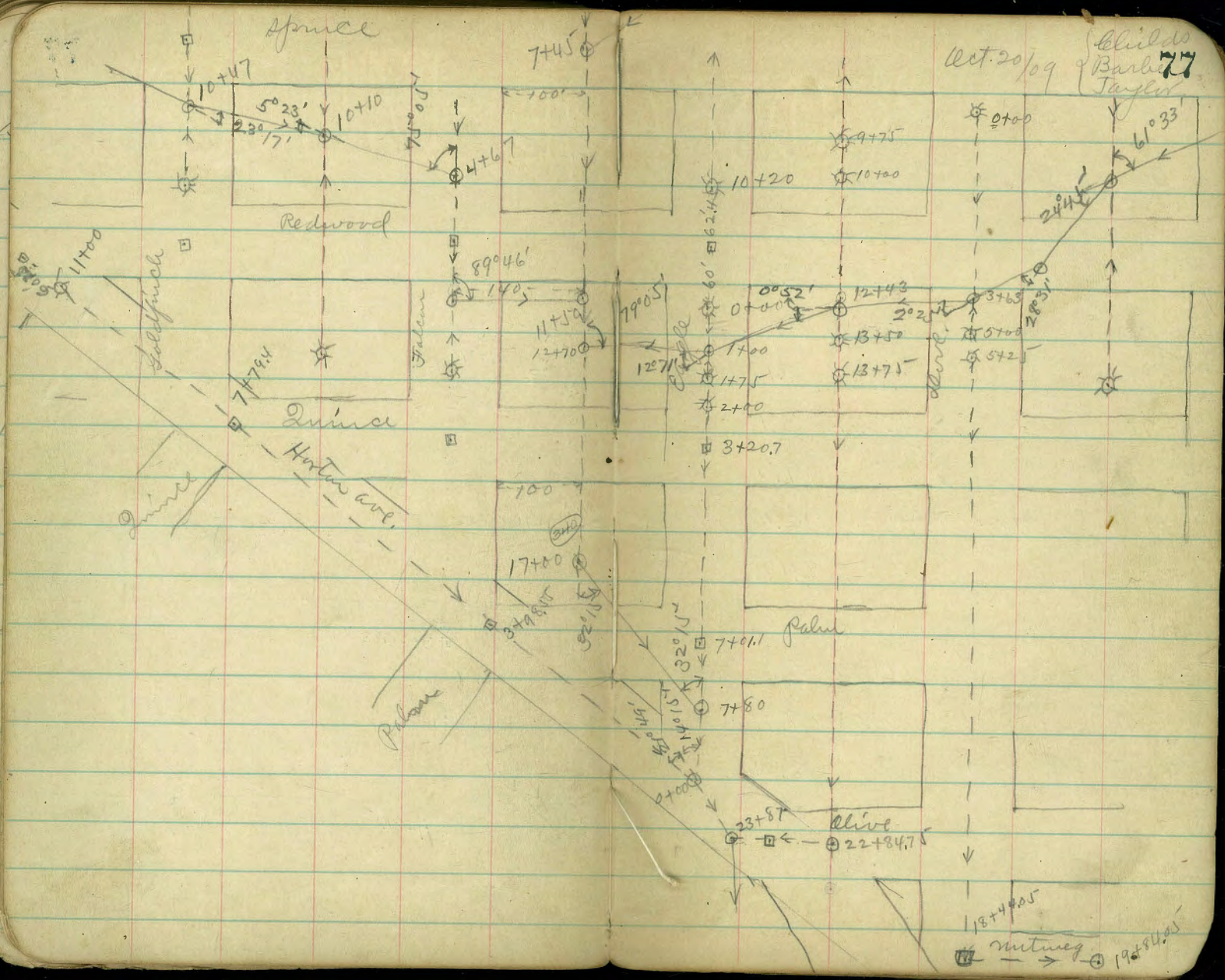
Oct. 19/09 { Schulds, Barber, Taylor






Brookes.
Oct 19/09
Childs
Barber
Taylor
76
Hawk
willow
upas
Thom
Spruce
Goldfinch
Falcon
Eagle
Dove
see page 34
Note 51+97.5 = M# + Reynard Way + Curlew WEB
Curlew or Upas
410
397
375
140'
125'
60'
11+70.55
0+00
2+15
3+40
3+23
54°27'
10+15.4
6+50
7+45
6+95
7+05
4+85
4+50
14+20
9+94.77
1+95
1+35
1+35
3+55
2+22
1+37
2+45.5
3+57'
50+15.25
1+40.8
2+80.8
0+00
1+10
2+25
2+50
54+57.2
3+20.83
4+50
7+00
7+01.5
6+03.65
5+75.7
3+30
52°32'
2+22.73
9+56.8
3+15.9
10+47
10+10
4+67
1+50
0+00

Oct. 20/09 { Childs, Barber, Taylor



Lot line bet. Falcon & Eagle.
Center Upas to Brookes.

from 80' north of

Act. 19109 {Childs, Barber, Taylor.

Sta.		H.I.	Rod	Elev.
0+00	F.J. 80' north of center of Upas,	192.21	11.00	181.2
+20			13.0	179.2
+50	191.22 0.99 192.21	182.56	12.3	170.3
1+00	12.62 179.59 J.P. ① 0.18 179.77	157.05	0.4	156.6
+50	2.97 182.56	145.37	3.1	142.3
+90	12.83 144.22 J.P. ④	133.79	3.9	129.9
2+00	1.15 145.37		9.3	124.5
+10	12.93 132.44 J.P. ⑤ 1.35 133.79		12.4	121.4
+22	M.H. bottom of Canyon,		8.49	125.3
+50			3.8	130.0
3+00		145.37	8.8	136.6
+50		157.05	9.7	147.3
+55	F.J. near Willow South side.		8.31	148.7
4+85	F.J. near Willow North side	194.58	12.81	181.8
5+00			13.3	181.3

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 plotted
A-31

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

Sta.		H.I.	Rod	Elev.
0+00	F.S. 60' so. of center of Ugas.	179.77	12.56	167.21
+20		167.48	5.9	161.6 ②
+50	0.27 167.48 12.98 154.50 S.P. ② 0.66 153.16 12.30 142.86 S.P. ③ 0.65 143.51	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.S. to north		5.14	150.0
+50	F.S. to north		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	12.58 119.80 S.P. ⑥ 0.06 119.86	119.86	6.7	113.2
5+00	0.87 120.67		12.6	107.3
+50		109.35	7.8	101.5
6+00			10.6	98.7

60' so. of center of Ugas.

Oct 20/09 {Colin, Barlow, Taylor}

Sta		H.I.	Rod	Elev.
6+50		97.40	1.4	96.0
7+00			4.9	92.5
+18			6.70	90.7
+45	M.H. bottom canyon main line		6.13	91.3
+50			6.1	91.3
8+00			7.1	90.3
+50			9.0	88.4
9+00			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	12.58		4.4	81.9
+27	1.46 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 ⑩

Circle blasted
Pillar A.32

Cont. from page 79

Oct 20/09 { Childs, Barber, Taylor

(80)

Sta	Sta		H.I.	Rod	Elev
0+0	12+00		86.28	2.9	83.[illegible]00
+2	+50			5.4	80.[illegible]50
+5	+70	M.H. Canyon line from East. Dove St.		6.3	80.[illegible]00
1+0	13+00			9.2	77.[illegible]
+1	+20			10.4	75.[illegible]00
+5	+40			9.0	77.[illegible]
2+0	+50			7.3	79.[illegible]
+2	14+00			7.0	79.3
+5	+50			4.2	82.1
3+0	15+00			4.0	82.3
+5	+50			4.5	81.8
4+	+81			6.5	79.8
+	16+00			10.0	76.3
5+	+50			11.6	74.7
4+	17+00	M.H. bottom of Canyon on Main line	76.45	5.05	71.4
6+					

Childs
Barber
Taylor

Oct 19/09

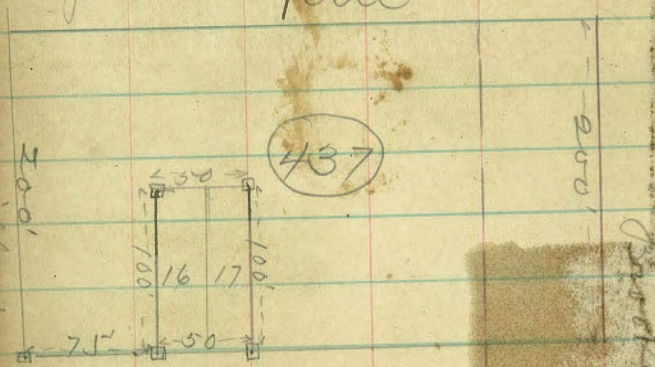
88°46'

(81)

#400

Kite

(437)



Jackdaw

Survey of lots 16 & 17
Blk. 437 Northern
Extension.

20.83
29.17 ✗ Ht to alley

961
837
124

348
560
908

1389
1268
121

9947
6647
33

1618
1387
227

(35)

5.438
5.450
12

5.444

4.804
4.789
9.593

4.155

247
340
587

380
3
1140
125
1015

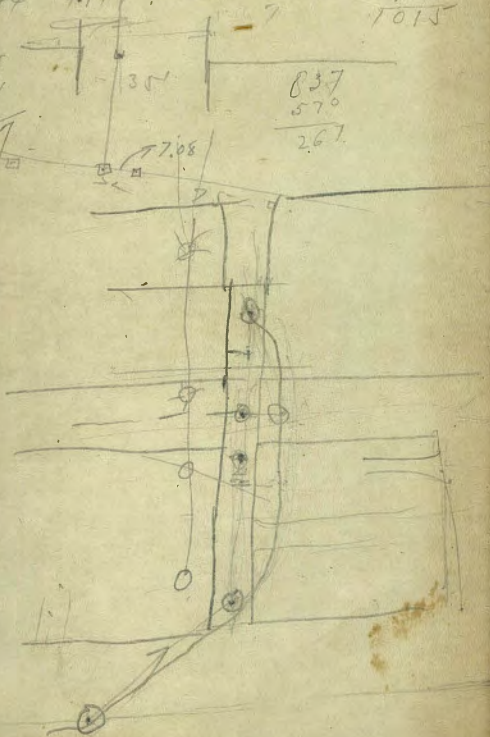
4.789
4.854
9.643

5.444

4.199

1268
961
307

837
570
267



15+30
16+40
17+38
220
10.00%
Elev 230

Published by H. S. CROCKER COMPANY, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.

TRAVERSE TABLE FOR TRANSIT BOOK.

1° to 90° for a distance of 100.

Degrees.	Lat.	Dep.	¼ DEGREE. Lat.	¼ DEGREE. Dep.	½ DEGREE. Lat.	½ DEGREE. Dep.	¾ DEGREE. Lat.	¾ DEGREE. Dep.	Degrees.
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
[illegible]	[illegible]	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
[illegible]	[illegible]	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
[illegible]	[illegible]	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
[illegible]	[illegible]	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
[illegible]	[illegible]	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
[illegible]	[illegible]	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
[illegible]	[illegible]	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
[illegible]	[illegible]	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	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
[illegible]	[illegible]	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
[illegible]	[illegible]	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
[illegible]	[illegible]	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
[illegible]	[illegible]	5.92	82.66	56.28	82.41	56.64	82.16	57.00	55
[illegible]	[illegible]	7.36	81.66	57.71	81.41	58.07	81.16	58.42	54
[illegible]	[illegible]	8.78	80.64	59.13	80.39	59.48	80.13	59.83	53
[illegible]	[illegible]	0.18	79.60	60.53	79.34	60.88	79.07	61.22	52
[illegible]	[illegible]	.57	78.53	61.91	78.26	62.25	77.99	62.59	51
[illegible]	[illegible]	.93	77.44	63.27	77.16	63.61	76.88	63.94	50
[illegible]	[illegible]	.28	76.32	64.61	76.04	64.94	75.76	65.28	49
[illegible]	[illegible]	.61	75.18	65.93	74.90	66.26	74.61	66.59	48
[illegible]	[illegible]	.91	74.02	67.24	73.73	67.56	73.43	67.88	47
[illegible]	[illegible]	.20	72.84	68.52	72.54	68.84	72.24	69.15	46
[illegible]	[illegible]	.47	71.63	69.78	71.33	70.09	71.02	70.40	45
[illegible]	[illegible]	.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
	DEGREES		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		