

375

Journal of the ...
1850. Cal.

(IND)

F.B. 375

on the work and ...
not showing the ...
the ...

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

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

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

TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one 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	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07

230 North of Horizontal
 5' So. of north line rounder
 center rounder + Horton
 12' no. of So. line of rounder
 65' So. of rounder + inter-angle
 110' So. " " tot. line

10
11
12
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In t

ANGI

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Columbia Street from
Wetherby

Sta.		H.I.	Rod	Elev.
J.P.	7.46	<u>94.74</u>		87.28
0+00	F.S. about 25'		0.42	94.32
+25	No. of Haradity.		3.9	90.8
+50			12.5	82.2
J.P.	0.68	<u>82.96</u>	12.46	82.28
+65			5.9	77.1
+80			10.3	72.7
1+00			7.6	75.4
+05	M.H. bottom of canyon		7.70	75.26
+50			2.6	80.4
J.P.	12.86	<u>95.65</u>	0.17	82.79
J.P.	12.93	<u>108.50</u>	0.09	95.57
2+00			10.8	97.7
J.P.	13.06	<u>120.91</u>	0.65	107.85
+50			2.3	118.6
J.P.	12.58	<u>133.74</u>	0.05	120.86
+75	Solution on rock		6.3	127.4
J.P.	7.47	<u>140.17</u>	1.04	132.70
3+00			8.1	132.1
+50			5.73	134.44
4+00			5.0	135.2
+50			4.5	135.7
5+00			4.0	136.2

Profile plotted
Sheet A-52

Haradity to

Dec. 21/09
Childs
Barber
Taylor
Evans **2**

Sta.		H.I.	Rod	Elev.
5+50		140.17	3.5	136.7
6+00	F.S. about 25' to Pringle		5.3	134.9
0+00	F.S. about 25' to Pringle			
J.P.	9 Pringle 4.73	<u>132.00</u>		
+50			7.6	124.4
1+00			5.5	126.5
+50			2.9	129.1
2+00			3.9	128.1
+10			4.5	127.5
J.P.	0.12	<u>119.51</u>	12.61	119.39
+50			1.7	117.8
J.P.	0.01	<u>106.71</u>	12.81	106.70
3+00			3.7	103.0
J.P.	1.75	<u>95.97</u>	12.49	94.22
+50	M.H. bottom of canyon		5.86	90.11
+65			13.0	83.0
+70			11.6	84.4
4+00			6.9	89.1
J.P.	13.06	<u>109.03</u>	0.00	95.97
+50			5.9	103.1

Profile plotted
Sheet A-52

Cont. from page 2

Sta	H.I.	Rod	Elev
J.P.	12.45	121.19	0.29 108.74
5+00			4.9 116.3
J.P.	12.56	133.56	0.19 121.52
+50			3.5 130.1
J.P.	12.66	146.00	0.22 133.34
6+00			0.7 145.3
J.P.	12.78	158.67	0.11 145.89
+50			4.0 154.7
7+00			2.0 156.7
J.P.	12.39	170.74	0.32 158.35
+50			10.5 160.2
8+00			7.2 163.5
+50			3.6 167.1
J.P.	12.57	183.24	0.07 170.67
9+00			12.4 170.8
+50			9.5 173.7
10+00			6.7 176.5
+50			4.0 179.2
11+00			1.8 181.4
J.P.	5.29	188.88	0.15 183.09
+50			4.5 183.9
12+00			1.73 186.65
+25			0.9 187.5

Dec. 21/09

Childs
Barber
Evens
Fayer

3

Sta	H.I.	Rod	Elev.
12+50	188.38	1.3	187.1
+80		6.7	181.7
J.P.	0.22	175.73	12.87 175.51
13+00		6.4	169.3
J.P.	1.60	164.75	12.58 169.15
J.P.	0.49	152.63	12.61 152.14
+50		10.9	141.7
J.P.	0.93	140.61	12.95 139.68
J.P.	4.60	132.79	12.42 128.19
14+00		6.48	126.31
			11.7 121.1
+50		0.12	132.67
J.P.	12.65	145.32	
+50		3.5	141.8
J.P.	12.66	157.29	0.69 144.63
J.P.	12.55	169.50	10.04 157.25
15+00		4.5	166.3
J.P.	11.84	181.20	0.44 169.36
J.P.	12.12	192.75	0.57 180.63
+50		1.6	191.1
J.P.	12.17	202.89	2.03 190.72
J.P.	12.51	213.68	1.86 201.03
+75		9.9	203.9
16+00		4.9	208.7
J.P.	6.10	219.67	0.01 213.57
+25		0.5	214.2
+45		3.5	216.2

J.S. about 22.3
No. of miller

Cont. from page 3

Sta.		H.I.	Rod	Elev.
0+00	F.S. 25' no. 9 milled	219.67	3.82	215.45
+50			7.6	212.1
+100			12.7	207.0
J.P.	0.78	207.73	12.72	206.95
+50			6.5	201.2
J.P.	0.19	195.12	12.80	194.93
2+00			1.4	193.7
+50			9.6	185.5
J.P.	-0.02	182.20	12.90	182.22
3+00			4.0	178.2
+50			10.0	172.2
J.P.	0.30	169.54	12.96	169.24
4+00			2.2	167.3
+35			5.1	164.4
+50			8.8	160.7
J.P.	-0.01	156.63	12.90	156.64
5+00			11.0	145.6
+10			17.0	139.6
+15			14.6	142.0
+25	M.H. bottom of canyon		13.18	143.45
+50			11.7	144.9

Sheet 253
Topographic

Dec. 22/09

Skills
Barber
Tayer

4

Sta.		H.I.	Rod	Elev.
6+00			9.1	147.5
J.P.	0.20	156.63	12.61	144.02
+50			2.7	141.5
7+00	about 10' deep.		2.2	142.0
+10			2.9	141.3
+50			11.6	132.6
+60			8.5	135.7
8+00			11.4	132.8
J.P.	5.31	136.67	12.86	131.36
+50			8.5	128.2
+60			10.6	126.1
+75			14.9	121.8
9+00			12.5	124.2
+16.5	about 10' deep M.H. center of Wetherby St.		11.31	125.36

Pueblo line bet. Jefferson &
60' Ao. of vertical to Sta. 4+75 north

Sta.		H.I.	Rod	Elev.
0+00	F.S. 60' Ao. of center of right	198.97	11.6	187.4
+50			9.6	189.4
+60	center of right at		9.68	189.29
+90			10.7	188.3
1+00			12.3	186.7
J.P.	1.15	187.34	12.78	186.19
+50			8.1	179.2
2+00			13.2	174.1
J.P.	2.14	176.60	12.88	174.46
+50			8.9	167.7
J.P.	2.15	166.51	12.24	164.36
3+00			5.9	160.6
+50			11.9	154.6
J.P.	4.26	158.50	12.27	154.24
4+00			6.2	152.3
+35	M.H. bottom of canyon		6.46	152.04
+50			5.7	152.8
+75	dead end		3.5	155.0

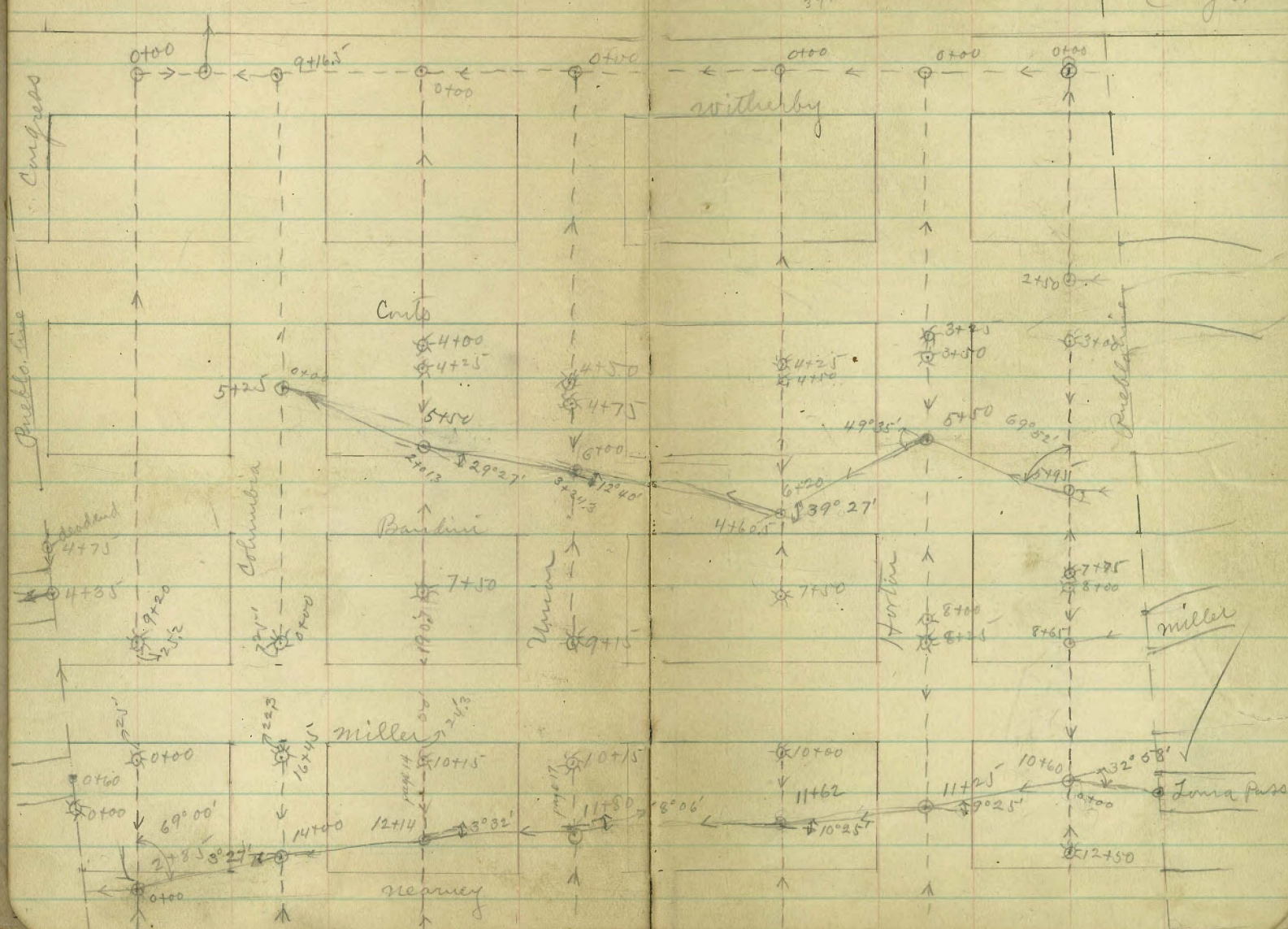
Columbia from
of Bandline.

Dec 23/09

Childs
Barber
Taylor

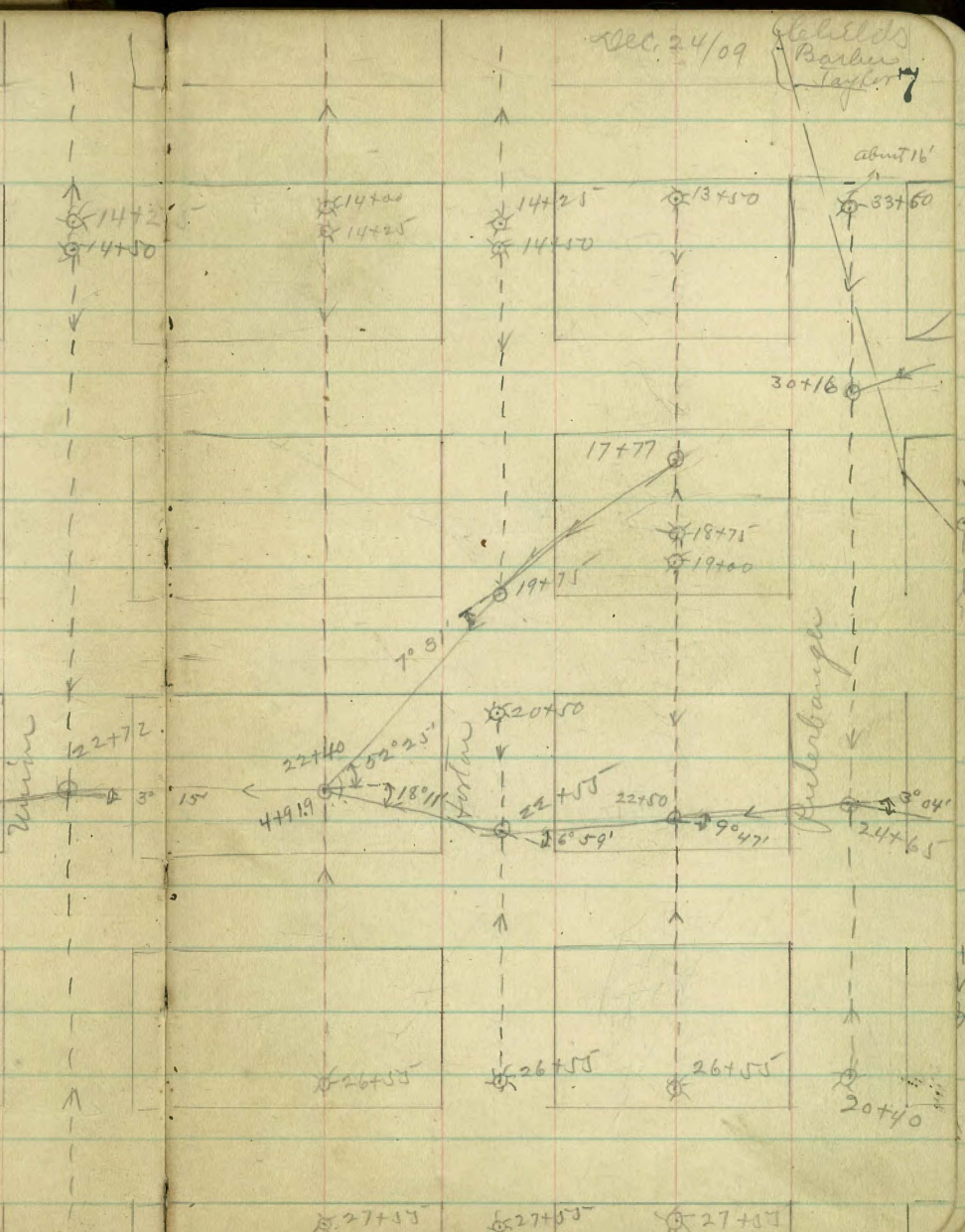
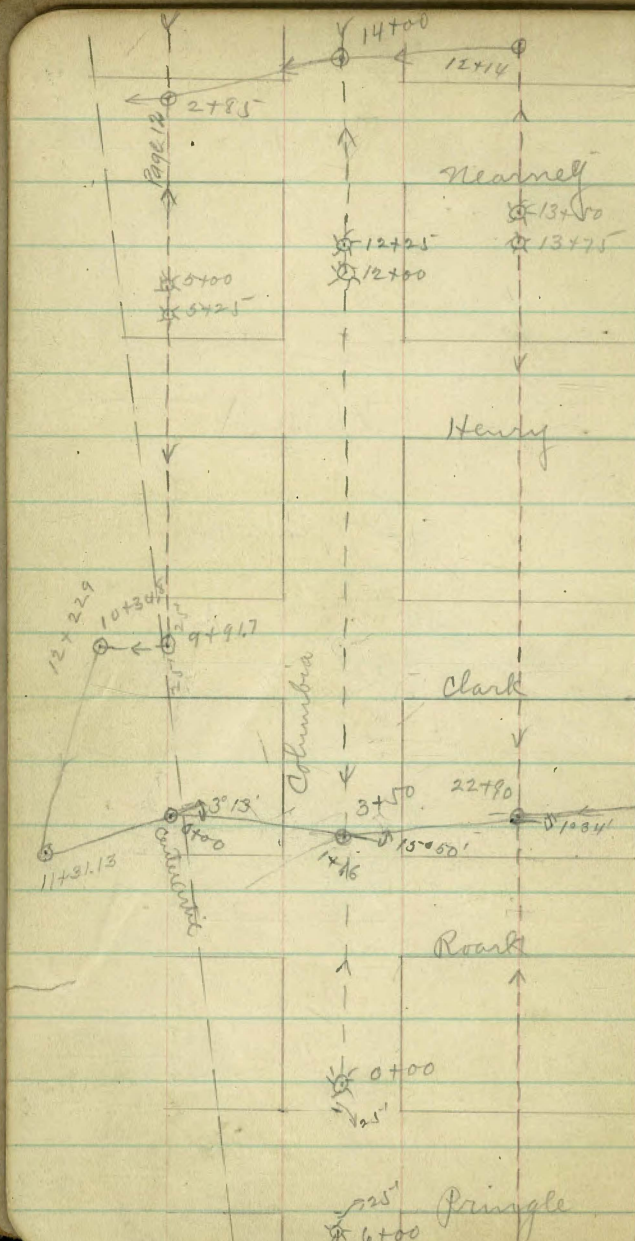
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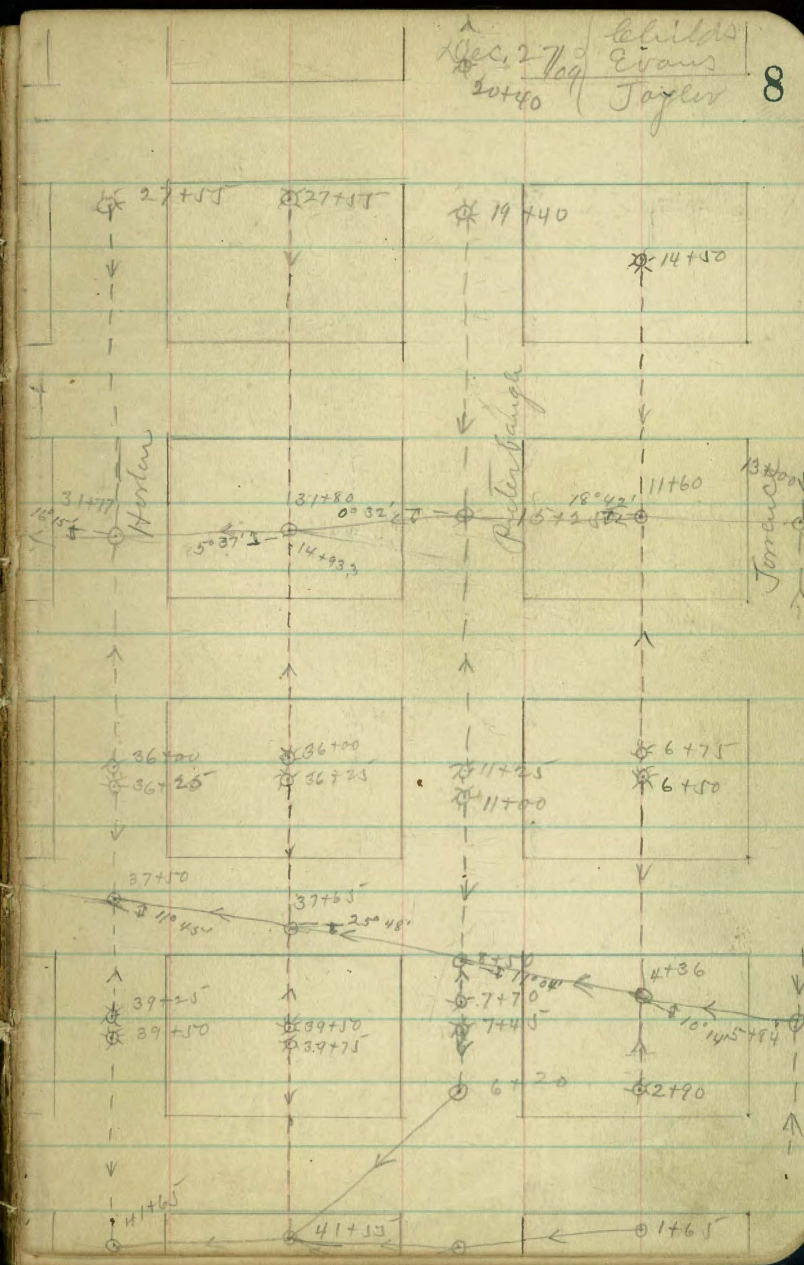
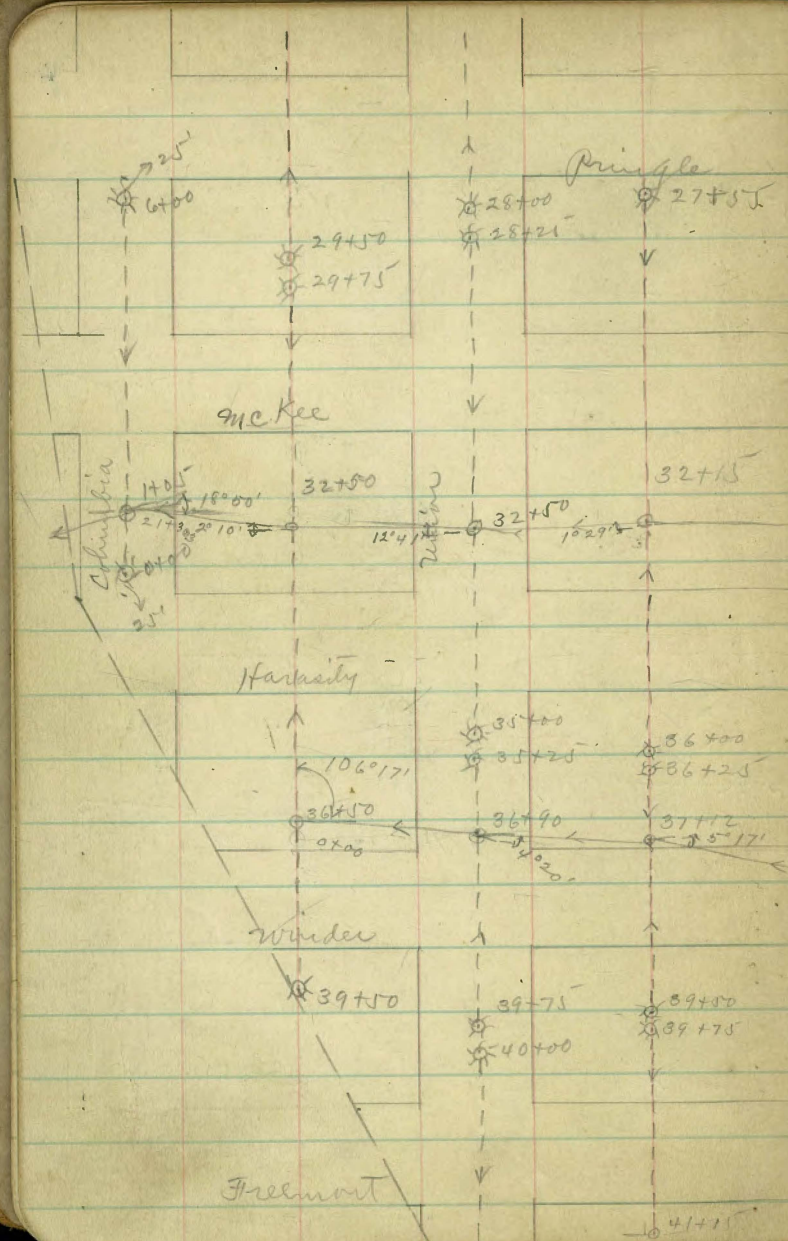
Profile plotted
Sheet A. 53



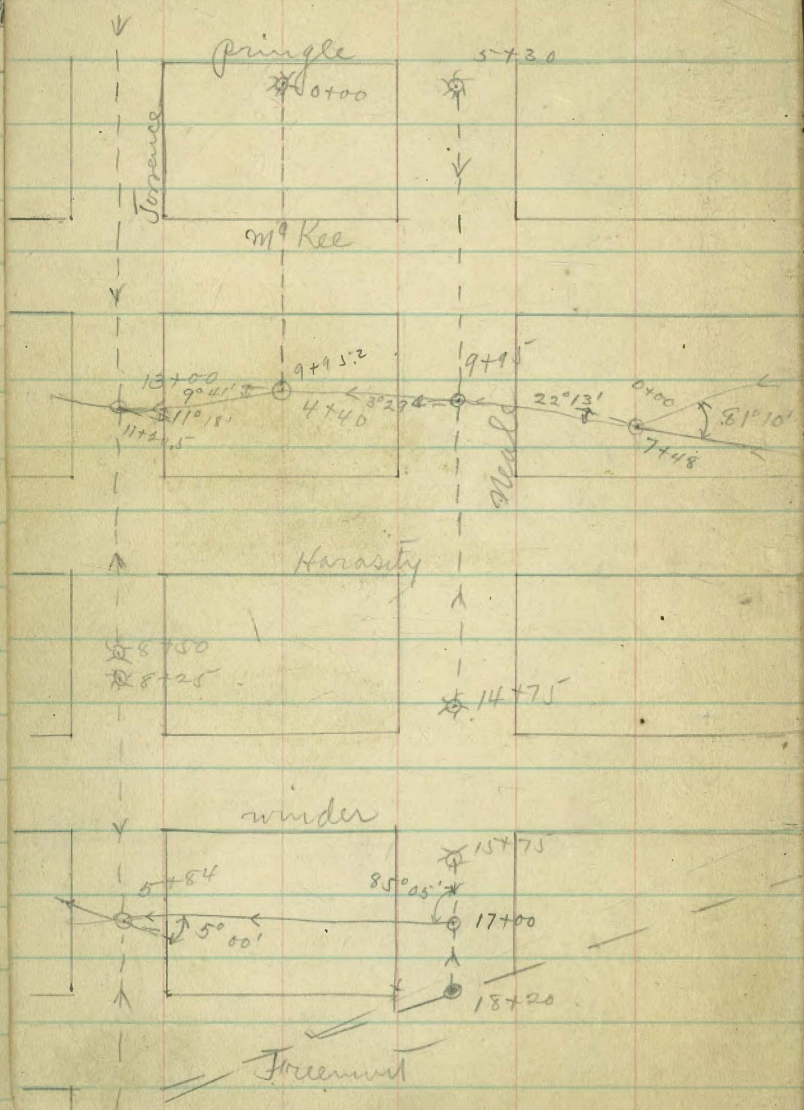
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Sec. 23/09 }
C. L. Barber }
T. J. Taylor }



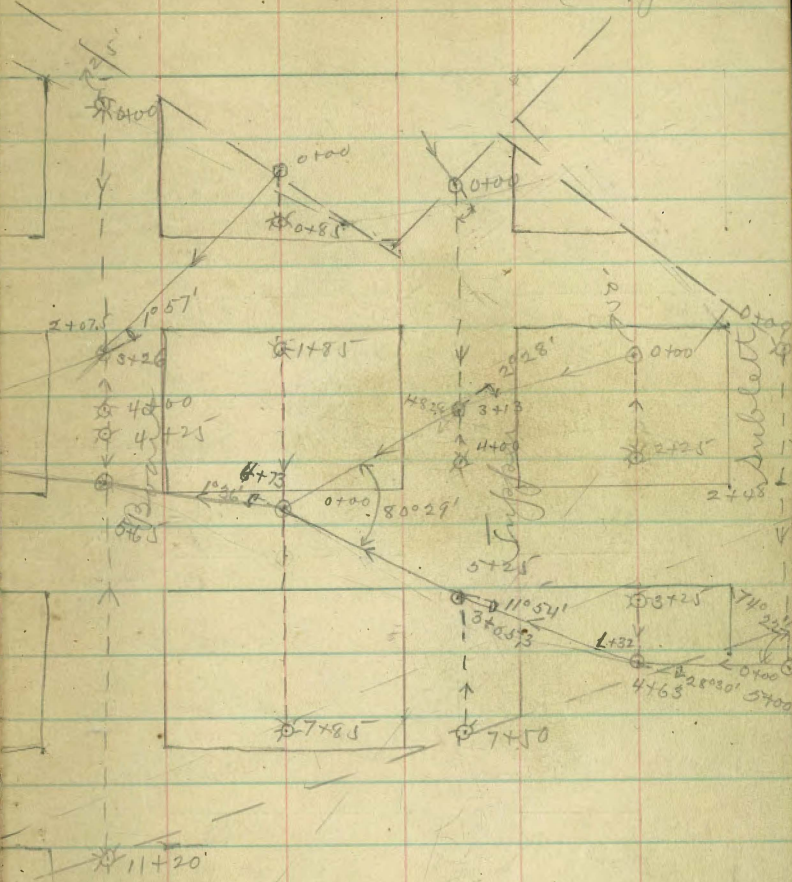


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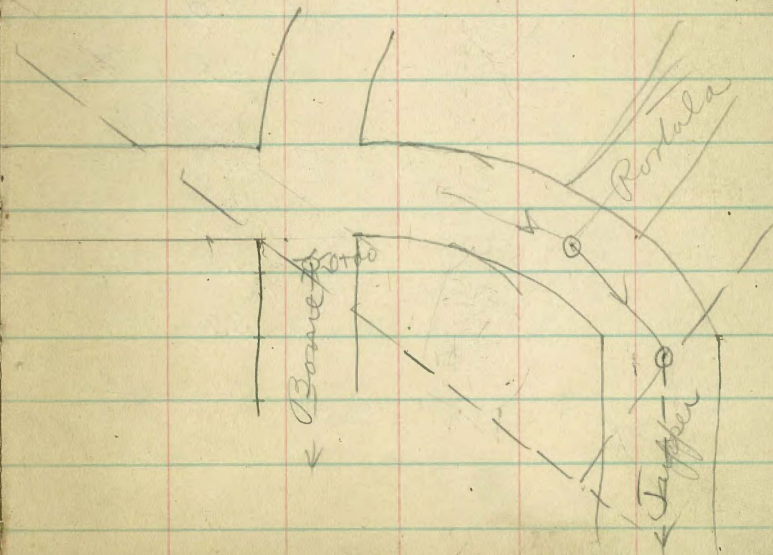
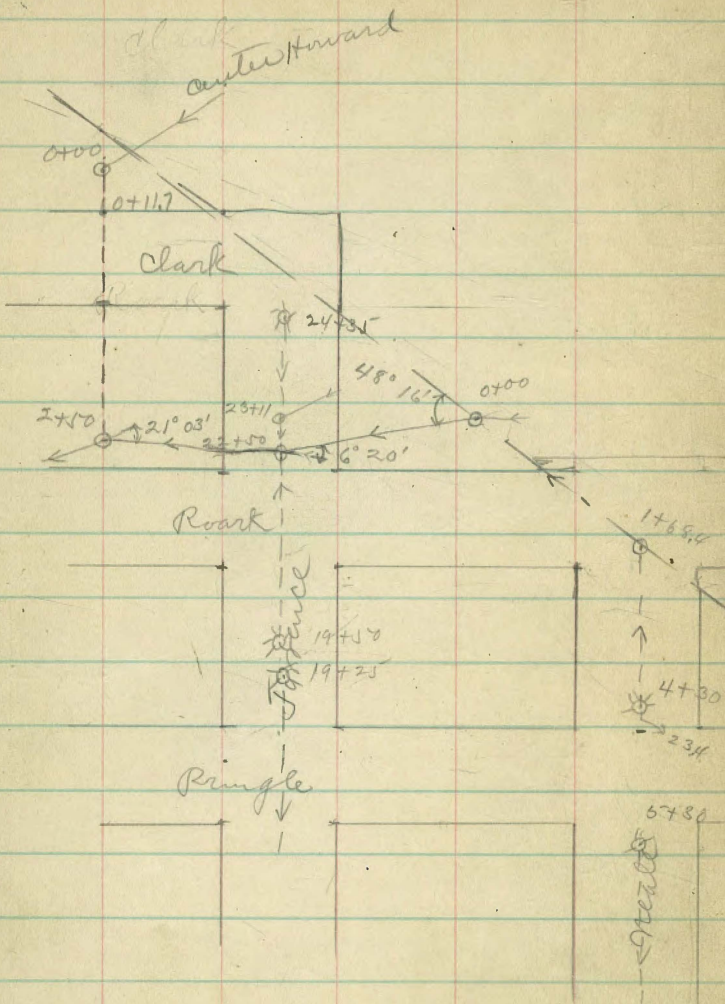
Jan 10/10

Childs
Parker
Taylor 10



Jan 17/70
 E. L. L. L. L.
 Barber
 Taylor 11

Page



Lot line bet. Columbia + Congress
to Clark

from center of Witherby

Lee. 23/09
L Childs Barber 12
Taylor

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
0+00	M.H. Center Witherby	136.67	9.84	126.83	8+00		186.50	5.2	181.3
+50			11.3	125.4	J.P.	12.77	198.97	0.30	186.20
1+00			8.7	128.0	+50			11.7	187.8
+50			5.5	131.2	9+00			8.9	190.1
2+00			2.3	134.4	+20	F.S. 75.2 mo. q. miller		6.79	192.18
J.P.	12.69	149.22	0.14	136.53	J.P.	8.56	204.21	3.32	195.65
+50			9.6	139.6	0+00	F.S. 25.00 q. miller		2.2	202.0
3+00			4.6	144.6	+50			1.9	202.3
J.P.	12.16	161.19	0.19	149.03	1+00			6.1	198.1
+50			8.00	153.2	J.P.	0.06	191.33	12.94	191.27
4+00			4.3	156.9	+30			0.4	190.9
+50			1.3	159.9	+50			11.8	179.5
J.P.	12.89	173.77	0.31	160.88	J.P.	0.18	178.59	12.92	178.41
5+00			11.7	162.1	J.P.	0.49	166.98	12.10	186.49
+50			7.5	166.3	J.P.	0.89	155.11	12.15	184.22
6+00			3.9	169.9	2+00	0.25	142.47	3.5	151.6
+50			1.8	172.0	J.P.	0.66	130.20	12.89	142.22
J.P.	12.80	186.50	0.07	173.70	+50	8.06	127.06	12.93	129.54
7+00			12.4	174.1	J.P.			3.5	126.7
+50			10.7	175.8	+85	M.H. bottom of canyon		11.20	119.00
					+3+00			10.96	116.10
					J.P.	12.65	139.60	14.1	113.0
					+50			0.11	126.95
					J.P.	12.95	152.44	3.3	136.3
					+80	18.06	163.80	0.01	139.39
								1.65	150.79
								11.2	152.6

Profile started sheet 2-53-

Profile started sheet 2-53

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Cont. from page 12

Sta.		H.L.	Rod	Elev.
4+00		163.85	6.7	157.1
+20			1.5	162.3
J.P.	6.64	<u>170.26</u>	0.23	163.62
+10			5.8	164.5
5+00	F.S. north		2.2	168.1
+25	F.S. south		3.10	167.16
+10			4.4	165.9
6+00			7.9	162.4
+10			10.4	159.9
J.P.	0.92	158.63	12.55	157.71
7+00			2.6	156.0
+10			8.5	150.1
8+00			12.6	146.0
J.P.	2.23	<u>148.31</u>	12.55	146.08
+10			6.6	141.7
9+00			10.0	138.3
+10			12.9	135.4
J.P.	0.36	<u>136.33</u>	12.34	135.97
+91.7	M.H. center clark		2.69	133.64
10+34.8	M.H. on center clark + lot line bet. cal. & arctic		10.13	126.20

Dec. 24/09

Ehilds
Barber
Taylor 13

12.44

123.89

L.T. line bet. Columbia & mine from center of Dec. 24/09 Builds. Barber 14 Taylor
 Witherby to sta. 39+50 near Pueblo line.

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
J.P.	6.50	163.14		156.64	J.P.	12.67	186.84	0.32	174.17
0+00	M.H. center of Witherby		12.20	150.94	6+00			12.2	174.6
+50			10.9	152.2	+30			0.8	186.0
1+00			9.7	153.4	J.P.	12.68	199.15	0.37	186.47
+50			6.6	156.5	+50			8.5	178.3
2+00			4.9	158.2	J.P.	12.86	211.50	0.57	198.64
+20			5.5	157.6	7+00			10.6	200.9
+50			3.1	160.0	J.P.	12.65	224.14	0.01	211.49
J.P.	12.09	174.49	0.74	162.40	+50			8.93	215.21
3+00			10.0	164.5	F.J. 1907 no. of miller				
+50			4.8	169.7	J.P.	4.23	227.20	1.17	222.97
4+00	F.J. South		0.8	173.7	10+15			5.53	221.67
+25	F.J. South		1.10	173.39	F.J. about 24.3 So. of miller				
+50			4.5	170.0	+25			7.4	219.8
3+00			8.0	166.5	J.P.	0.17	214.45	12.92	214.28
+50	M.H. bottom of canyon		12.75	161.74	+50			7.7	206.7
+55			13.4	161.1	J.P.	0.19	201.74	12.90	201.55
+65			16.2	158.3	J.P.	0.47	189.41	12.80	188.94
					11+00			7.7	181.7
					J.P.	0.22	176.71	12.92	176.49
					J.P.	0.10	163.73	13.08	163.63
					+10			6.2	157.5
					J.P.	0.35	151.12	12.96	150.77
					+62			7.3	143.8
					J.P.	6.09	147.78	9.43	141.69
					12+00			17.0	130.8
					+14			13.17	134.61
					J.P.			0.36	147.42
					+42			12.1	148.5
					+50			7.6	153.0

Profile build sheet 255

Cont. - from page 14

Sta.	J.P.	N.I.	Rod	Elev.	Sta.	J.P.	N.I.	Rod	Elev.
	12.61	172.82	0.39	160.21		0.91	168.87	13.03	167.96
13+00	12.92	185.26	0.48	172.34				3.8	165.1
	12.94	197.69	9.8	175.5	20+00	0.57	156.69	12.69	156.18
+43	8.02	205.22	0.51	184.75				9.0	147.7
			0.49	197.20	+50	0.53	144.54	12.68	144.01
			4.5	200.7					
+50 F.S. north			3.05	202.17	21+00	0.25	131.83	12.96	132.7
									137.58
+75 F.S. south			0.8	204.4	+50	0.01	118.88	12.96	120.0
									118.87
14+00			1.5	203.7	22+00	0.07	106.04	12.91	107.3
									105.97
+50			3.2	202.0	+50			7.2	98.8
15+00			6.5	198.7	+60	8.92	103.24	11.72	8.6
									97.4
+10			10.4	194.8	+90			12.46	94.32
16+00			13.4	191.8	23+00			14.4	90.78
									88.8
+50			12.5	192.7	+10	12.54	115.98	0.10	7.2
									96.0
17+00			13.2	192.0	+50			1.9	103.14
J.P.	0.75	192.98	12.99	192.23		13.00	128.96	0.02	1.9
		193.02				13.02	147.98	0.00	114.1
+50			5.6	187.4	24+00	12.49	153.93	0.52	0.02
									128.96
18+00			8.0	185.0	+50			10.6	131.4
									141.46
+50			11.5	181.5	25+00			10.6	143.3
J.P.	0.74	180.99	12.73	180.23				9.1	144.8
		181.00							143.8
19+00			1.9	179.1	+50			10.1	143.8
									142.7
+50			6.7	174.3	26+00			11.2	142.7

Nov. 24/09
 Shields
 Barber
 Taylor
 15

mt. bottom of
 canyon

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Cont. - from page 15

Sta.	H.I.	Rod elev	Sta.	H.I.	Rod elev
26+50	153.95	7.9 146.0	27+00		4.0 149.9
+50		0.3 153.6	+50		0.3 153.6
28+00		1.1 152.8	+93		1.1 152.8
+50		1.1 152.8	34+00		2.0 151.9
29+00		2.0 151.9	+50		2.0 151.9
+50	F.J. Smith	2.11 151.8	35+00		2.11 151.8
+75	F.J. Smith	2.3 151.6	+50		2.3 151.6
30+00		4.4 149.5	36+00		4.4 149.5
J.P.	1.03	142.93	J.P.	12.05	141.90
+50		4.1 138.8	+50		4.1 138.8
J.P.	0.10	130.22	J.P.	12.81	130.12
31+00		6.0 127.2	37+00		6.0 127.2
J.P.	1.39	119.32	J.P.	12.29	117.93
+50		7.7 111.6	+50		7.7 111.6
J.P.	0.64	107.65	J.P.	12.31	107.01
+65		1.4 106.2	38+00		1.4 106.2
J.P.	1.06	96.17	J.P.	12.54	95.11
32+00		8.1 88.1	+50		8.1 88.1
J.P.	9.25	92.57	J.P.	12.85	83.32
#32		12.4 80.2	39+00		12.4 80.2
+45		15.5 77.1	+50		15.5 77.1

Dec. 27/09 } ^{Childs} ^{Bush} ^{Taylor} 16

Sta.	H.I.	Rod Elev.	Sta.	H.I.	Rod Elev.
32+50	92.57	12.65 79.92	32+50	92.57	12.65 79.92
		5.7 86.9			5.7 86.9
33+00	12.39	104.58	J.P.	0.38	92.19
J.P.		7.8 96.8	+50		7.8 96.8
+50	11.44	115.79	J.P.	0.23	104.35
29+00		4.4 111.4	+93		4.4 111.4
+50		3.9 111.9	34+00		3.9 111.9
29+00	8.41	124.00	J.P.	0.20	113.59
+50		5.2 118.8	+50		5.2 118.8
+50		1.1 122.9	35+00		1.1 122.9
+75		2.8 121.2	+50		2.8 121.2
30+00		4.7 119.3	36+00		4.7 119.3
J.P.		6.66 117.34	+50		6.66 117.34
+50		6.5 117.5	+50		6.5 117.5
J.P.		1.0 123.0	+50		1.0 123.0
+50		0.48 123.52	J.P.	13.25	136.77
+65		8.9 127.9	J.P.		8.9 127.9
J.P.		0.7 131.7	38+00		0.7 131.7
32+00		1.1 135.7	+50		1.1 135.7
J.P.	9.25	92.57	J.P.	0.54	136.23
#32		1.5 141.4	39+00		1.5 141.4
+45		6.70 142.93	J.P.		6.70 142.93
		1.5 141.4	+50		1.5 141.4

Union Street from center of
Sta 44+00 near pueblo line

Sta.	H.I.	Rod	Elev
J.P. 0+00	13.05 187.22	2.64	184.58
+50 J.P.	12.73 198.77	1.0 1.18	186.2 186.04
1+00		11.5	187.3
+50		10.7	188.1
2+00		10.7	188.1
+45		14.7	184.1
+50		13.5	185.3
3+00 J.P.	10.61 208.26	2.8 1.12	196.0 197.65
+50		6.5	201.8
4+00		3.2	205.1
+50 F.J. Smith		0.09	208.1
+75 F.J. Smith		0.2	208.1
5+00		0.0	208.3
+20		2.5	205.8
+50 J.P.	-0.01 195.69	10.9 12.56	199.4 193.70
+75		6.1	189.6

Profile Blanked
Sheet A-50

witherbay to

Dec. 27/09 ^{Lehilds} Evans **17**
Taylor

Sta.	H.I.	Rod	Elev
J.P. 6+00	9.65 193.41	11.93	183.76
+07		11.87	181.54
+13		14.3	179.1
+23 J.P.	12.77 205.86	20.0	183.4
+50		12.8 0.32	180.6 193.09
+65 J.P.	12.71 218.24	9.8	196.1
7+00 J.P.	12.92 231.06	1.0 0.33	204.9 205.58
+30		1.8 0.80	216.4 218.14
+50 J.P.	10.12 240.71	8.4	222.7
8+00		4.0 0.47	227.1 230.69
+50		6.8	234.9
9+00		3.0	237.7
+15 F.J. Smith		3.2	237.5
5.P.	0.47 228.22	3.46	237.25
10+15 J.P.	0.28 216.65	12.76	227.78
+50		2.0 12.77	226.2 215.45
		9.2	206.4

about 8' deep.
about 7' deep.

Cont. - from page 17

Sta		H.I.	Rod	Elev.
J.P.	1.05	203.72	12.98	202.67
J.P.	0.29	190.98	13.03	190.69
11+00			9.8	181.2
J.P.	0.88	178.74	12.62	178.36
J.P.	0.46	166.67	12.77	166.21
J.P.	1.77	155.45	4.6	150.8
+50				
+73			14.3	141.1
+80	M.H. bottom of Campfire		11.05	144.40
12+00			3.9	151.5
J.P.	12.99	167.70	0.74	164.71
J.P.	13.03	180.33	0.40	167.30
+50			2.5	177.8
J.P.	12.33	192.56	0.10	180.23
J.P.	12.97	204.95	0.58	191.98
J.P.	13.03	217.37	0.61	204.34
13+00			9.7	209.1
+05			6.9	210.5
+30			1.1	216.3
J.P.	2.86	220.01	0.22	217.15
+50			2.1	218.9
14+00			1.3	219.7
+25	F.J. Smith		1.02	219.0
+50	F.J. Smith		1.8	218.2
15+00			4.7	215.3
+50			8.3	211.7
16+00			10.4	209.6

Dec. 28/09

W. H. Barber
Evans
Taylor

18

Sta		H.I.	Rod	Elev.
		220.01		
16+50			11.2	208.8
J.P.	0.36	207.76	12.61	207.40
17+00			2.0	205.8
+50			3.5	204.3
18+00			5.9	201.9
+50			9.8	198.0
J.P.	0.64	195.64	12.76	195.00
19+00			2.7	192.9
+45			11.5	184.1
J.P.	0.57	183.47	12.74	182.90
+50			1.2	189.3
J.P.	0.52	171.26	12.73	170.74
20+00			5.9	165.4
J.P.	0.03	158.25	13.04	158.22
+25			0.2	158.0
+50			9.3	148.9
J.P.	0.61	146.02	12.84	145.41
21+00			11.9	134.1
J.P.	0.57	133.87	12.72	133.30
+50			11.2	127.7
J.P.	0.60	121.88	12.59	121.28
+70			7.6	114.3
J.P.	1.24	110.38	12.74	109.14
22+00			4.1	106.3
+20			8.0	102.4

Cuts from Page 18

Sta	H.I.	Rod	Elev.
22+50	110.38	12.5	97.9
+58		16.0	94.4
+65		12.4	98.0
+72 M.H. Bottom of Canyon		10.09	100.29
23+00		0.0	110.4
J.P.	12.84	123.22	0.00
J.P.	12.81	136.01	0.02
+50		7.0	127.0
J.P.	12.56	148.15	0.42
24+00		3.5	144.6
J.P.	12.79	160.61	0.33
+50		2.2	158.4
J.P.	10.36	170.97	0.00
25+00		9.3	161.7
			171.00
+50		8.3	162.7
26+00		7.6	163.4
+50		6.5	164.5
27+00		4.9	166.1
+50		2.2	169.8
28+00 F.S. north		13.4	169.7
+25 F.S. South		1.8	169.2

Dec. 28/09

Childs
Barber
Evans
Taylor

19

Sta.	H.I.	Rod	Elev.
28+50	170.97	2.7	168.3
29+00		5.4	165.6
J.P.	0.39	158.81	12.54
+50		2.5	156.3
J.P.	0.38	146.67	12.52
30+00		2.1	144.6
J.P.	0.75	134.95	12.57
+50		1.0	133.6
J.P.	1.06	122.57	13.04
31+00		1.4	131.2
J.P.	0.29	110.06	12.80
+50		3.5	106.5
+87		11.1	99.0
J.P.	0.67	98.28	12.50
32+00		4.5	93.7
+50 M.H. Bottom of Canyon		12.85	85.38
+72		14.0	84.2
+78		16.2	82.0
+85		10.9	87.3
33+00		3.2	95.0
J.P.	12.91	111.14	0.00
J.P.	11.78	122.63	0.29
+50		11.0	110.83
J.P.	12.14	134.24	0.53
+85		9.8	124.4

63

Cont. from page 19

Sta.		H.I.	Rod	Elev.
34+00		134.24	8.1	126.1
+50			1.2	133.0
J.P.	9.34	143.45	0.13	134.11
35+00	F.I. north		7.9	135.5
+25	F.I. south		7.30	136.1
+50			7.4	136.0
36+00			8.6	134.8
+50			11.2	132.2
+90	mt. bottom of canyon		11.10	132.35
37+00			10.5	132.9
+50			8.4	139.8
J.P.	12.58	155.17	0.86	142.59
38+00			7.1	148.1
+50			1.8	153.4
J.P.	11.39	166.32	0.24	154.98
39+00			8.3	158.0
+50			3.0	163.3
+75	F.I. north		2.00	164.3
40+00	F.I. south		2.2	164.1

151

16.59

Dec 28/09

Lehman
Barber
Evans
Tayler

20

Sta.		H.I.	Rod	Elev.
		166.32		
40+50			8.5	157.8
J.P.	0.70	154.92	12.10	154.22
41+00			9.2	145.7
J.P.	0.15	142.57	12.50	142.42
+25			5.1	139.5
J.P.	1.37	131.69	12.25	130.32
+50			2.1	129.6
+75			8.7	123.0
J.P.	4.76	128.21	8.24	123.43
42+00	mt. bottom of canyon		11.65	116.56
+20			4.2	124.0
J.P.	12.34	140.36	0.19	128.02
+50			6.5	133.9
J.P.	12.17	152.15	0.38	139.98
43+00			11.6	140.5
J.P.	9.29	161.08	0.36	151.79
+50			7.2	153.9
44+00	F.I. near pueblo line		0.8	160.3

Sheet
9-56

Horton ave. from center of
to sta 46+00

Wetherby Street

Dec. 29/09

William
Barber
Emms
Jaylor 21

Sta.		H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.	
J.P.		11.36		237.25					
0+00	M.H. center of Wetherby		9.85	239.26	5+50	239.13	7.92	231.21	
+50			4.0	244.6	+70		8.7	230.4	
1+00			1.2	247.4	+78		12.0	227.1	
+50			4.1	244.5	+90		6.6	232.5	
2+00			6.9	241.7	6+00		5.4	233.7	
+50			5.9	242.7	+50		0.2	238.9	
3+00			2.9	245.7	J.P.	12.85	237.89	0.09	239.04
+25	F.I. north		2.60	246.01	+50		9.3	242.6	
+50	F.I. south		2.7	245.9	8+00		6.7	245.2	
4+00			5.0	243.6	+25		5.1	246.8	
+40			8.1	240.5	+50		5.28	246.6	
+50			11.2	237.4	+50		5.6	246.3	
J.P.		2.26	11.74	236.87	9+00		8.2	243.7	
+60			7.0	232.1	J.P.	0.65	239.64	12.90	238.99
+85			11.6	227.5	+50		1.6	238.0	
+93			6.3	232.8	+65		4.4	235.2	
5+00			6.0	233.1	J.P.	0.08	226.80	12.92	226.72
					10+00		9.4	217.4	
					J.P.	0.34	214.37	12.77	214.03
						1.30	202.74	12.93	201.44
					+50		12.5	190.2	

Chalk placed
sheet 2-57

conts - from page 21.

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
J.P.		0.26	12.87	189.87	T.P.		231.62	12.45	219.17
J.P.		0.29	12.89	177.24					
11+00			10.8	166.7	17+00	0.39	219.56	5.9	213.7
J.P.		8.67	12.04	165.49	T.P.	0.39	207.20	12.75	206.81
+15			12.8	161.4	+50			4.5	202.7
					T.P.	0.15	194.37	12.98	194.22
+25	M.H. bottom of canyon	12.710	11.97	162.19	18+00			4.8	185.6
J.P.		186.67	0.20	173.96					
+50			12.2	174.5	+10			6.6	187.8
J.P.		12.82	0.21	186.46	T.P.	0.25	181.85	12.77	181.60
J.P.		12.49	0.44	198.84					
12+00			7.6	203.7	+50			6.4	175.4
J.P.		18.01	0.18	211.75	T.P.	0.17	167.24	12.78	169.07
J.P.		12.80	0.19	223.97					
+50			12.4	224.4	19+00			9.2	160.0
					T.P.	1.58	167.74	12.58	166.36
+75			6.6	230.2	+17			4.4	153.5
13+00			5.2	231.6	+50			15.0	142.9
					T.P.	1.77	147.56	12.15	145.79
+50			3.2	233.6	+75	M.H. bottom of canyon		8.06	144.50
J.P.		6.87	0.37	236.40					
14+00			5.1	238.2					
+25	F.I. north		4.0	239.3	20+50	F.I. north		0.86	146.7
+10	F.I. north		4.62	238.7	21+00			5.9	141.7
15+00			7.6	235.7	+50			10.8	136.8
					T.P.	0.60	135.25	12.91	134.65
+50			11.4	231.9	+80			6.1	141.15
T.P.		1.09	12.74	230.83					
16+00			4.5	227.1	22+00			12.6	122.6
					T.P.	1.38	124.47	12.16	123.09
+50			10.8	220.8	+25			8.0	116.5

Sec. 29/09
 Shields
 Barber
 Evans
 Taylor

Cont. from page 22 H.I.
124.47

Sta.	Rod	Elev.
22+35	13.7	110.8
+43	10.8	113.7
+50	10.7	113.8
+55	10.55	113.92
T.P.	0.30	124.17
23+00	6.5	130.2
T.P.	12.84	149.79
+50	12.95	162.73
T.P.	12.98	175.70
24+00	1.4	174.3
T.P.	19.00	188.68
+20	6.5	182.2
T.P.	12.89	201.31
+50	12.1	189.2
25+00	4.3	197.0
+50	2.9	198.4
26+00	2.9	198.4
+50	2.6	198.7
26+55	2.63	198.7
27+55	2.8	198.5

M.H. bottom of
Campus 2.87 137.04

F.S. north of
Pingle

F.S. S. of Pingle

15.978 Jan 3/10
12.95
172.73
L. Childs
Barber
Tayl 28

Sta	H.I.	Rod	Elev.
28+00	201.31	5.5	196.8
+35		11.0	190.3
T.P.	0.06	188.62	12.75
+50		3.0	185.6
J.P.	0.41	176.09	12.94
29+00		5.9	171.2
J.P.	0.39	163.58	12.90
+50		6.3	157.3
J.P.	0.93	151.95	12.56
30+00		4.9	147.0
J.P.	0.72	146.33	12.34
+50		4.6	135.7
+60		7.0	133.3
J.P.	0.39	128.41	12.31
31+00		8.0	120.4
J.P.	0.45	116.14	12.72
+18		1.2	115.9
J.P.	0.74	107.39	12.49
+50		5.0	102.4
+60		8.5	98.9
+72		14.7	92.7
+77		11.07	95.98
32+00		6.8	100.6
J.P.	11.73	119.06	0.06
+50		9.9	109.2

M.H. bottom of
Campus

cont. from page 23

Sta.	J.P.	H.I.	Rod	Elev.
J.P.	12.43	<u>181.33</u>	0.16	178.90
33+00			6.5	174.8
J.P.	12.33	149.64	0.02	181.31
J.P.	12.76	<u>156.40</u>	0.00	143.64
+50			8.9	147.5
J.P.	12.15	<u>169.05</u>	0.00	166.20
+73			8.6	160.0
34+00			3.2	165.4
J.P.	12.06	<u>181.03</u>	0.08	168.47
+50			8.7	172.8
35+00			0.5	176.0
+60			3.1	178.4
36+00	F.J. north		0.26	181.2
+25	F.J. south		0.9	180.6
+42			3.7	177.8
+10			9.2	172.3
J.P.	0.70	169.49	12.74	168.79
J.P.	6.20	<u>162.85</u>	12.84	156.65
37+00			14.3	148.5
+50	M.H. bottom of campfire		12.77	150.08
+70			2.3	160.5
J.P.	12.69	<u>175.54</u>	0.00	162.85
38+00			2.6	172.9
J.P.	12.66	<u>188.11</u>	0.09	175.45
+50			0.0	188.1

Jan 5/10

Childs
Barber
Taylor 24

Sta.	J.P.	H.I.	Rod	Elev.
J.P.	8.38	<u>196.49</u>	0.00	188.11
38+70			4.2	192.3
39+00			2.5	194.0
+25	F.J. north		1.23	195.2
+50	F.J. south		1.3	195.2
40+00			4.8	191.7
+50			12.4	184.1
J.P.	0.75	184.28	12.96	183.53
+82			8.6	175.7
J.P.	0.20	<u>191.49</u>	12.99	171.29
41+00			9.7	161.8
J.P.	0.27	158.88	12.88	158.61
J.P.	6.08	<u>152.30</u>	12.63	146.25
+40			12.2	140.1
+50			12.8	139.5
+65	M.H. bottom of campfire		13.20	139.10
J.P.	12.66	<u>164.92</u>	0.04	152.26
42+00			6.9	158.0
+10			1.3	163.6
J.P.	11.95	<u>176.85</u>	0.02	164.90
+40			3.0	173.8
+50			0.4	176.4
J.P.	12.73	<u>189.44</u>	0.14	176.71
43+00			2.6	186.8

see page 30

Lot. line bet. Hoston & Union
 Witherby to Sta. 46+75 south of

Sta.	J.P.	H.I.	Rod	Elev.
		8.43	233.66	12.36 225.23
0+00	M.H. Center of J.P. Witherby	237.59	12.80	220.86 230.59
+50			8.5	229.1
1+00			5.9	231.7
+50			7.9	229.7
2+00			9.8	227.8
+50			10.6	227.0
3+00			8.7	228.9
+50			7.0	230.6
4+00			1.3	236.3
+25	F.S. Smith		0.50	237.1
+50	F.S. Smith		1.8	235.8
5+00			3.7	233.9
+20	J.P.	0.65	225.21	18.03 224.56
+50			1.2	224.0
+73	J.P.	0.12	212.39	5.9 219.3 12.94 212.27
6+00			10.0	202.4

Sheet A-58

from center of
 Benson

Dec. 30/09
 Shields
 Barlow 25
 Taylor

Sta.	J.P.	H.I.	Rod	Elev.
6+12		212.39	20.0	192.4
+20	M.H. bottom of J.P. Camp	224.97	12.85 0.12	199.54 212.27
+50	J.P.	12.91	237.88	8.2 216.8 0.00 224.97
+75			11.7	226.2
7+00	J.P.	6.51	244.29	6.9 231.0 0.10 237.78
+50	F.S. Smith	0.44	231.80	5.92 238.4 12.93 237.56
10+00	F.S. Smith about 20' So. of Miller			0.9 230.9
+12	J.P.	0.31	219.09	4.1 227.7 13.02 218.78
+50	J.P.	0.42 0.49 1.26	206.61 194.41 182.75	11.4 207.7 12.90 206.19 12.69 193.92 12.92 181.43 4.2 178.5
11+00	J.P.	0.50 7.93	178.47 765.93	12.78 169.97 12.47 158.00
+50				10.8 155.1
+62	M.H. bottom of Camp			11.76 154.17
+68				12.3 153.6
+75	J.P.	12.49	178.42	14.8 151.1 0.00 165.93
12+00	J.P.	12.56 12.67	190.85 203.42	12.7 165.7 0.13 178.29 0.10 190.75
+50				8.1 195.3

Cont. - from page 25

Sta.	J.P.	H.I.	Rod	Elev.
13+00	11.77 12.94	215.12 228.03	0.07 0.03 8.2	203.35 215.09 219.8
+10			0.5	222.5
+50	5.79	232.98	2.4 0.84	225.6 227.19
14+00			2.79	230.2
X +25			2.5	230.5
+50			3.3	229.7
15+00			4.4	228.6
+50			6.8	225.2
16+00	0.20	220.39	10.4 12.79	222.6 220.19
+50			1.1	219.3
17+00			3.5	216.9
+50			7.2	213.2
18+00	0.67	208.15	12.3 12.91	208.1 207.48
+50			8.3	199.8
+70	0.18	195.45	12.6 12.88	195.5 195.27
19+00			9.7	185.7

Dec. 30/09 { Childs
Barber 26
Taylor

Sta.	J.P.	H.I.	Rod	Elev.
19+50	0.23	182.79	12.89	182.56
+50	0.17 0.03	169.94 157.34	11.3 13.02 12.65	171.5 169.77 157.29
20+00	0.24	144.35	1.8 13.03	155.5 144.51
+50			2.6	142.0
21+00	1.33	133.00	11.8 12.88	132.8 131.67
+50	1.21	121.54	9.2 12.67	123.8 120.33
+75			3.0	118.5
22+00			13.0	108.5
+10			17.4	104.1
X +40			13.18	108.36
+50	12.82	134.08	12.3 0.28	109.2 121.26
23+00	13.00	147.06	10.3 0.02	123.8 134.06
+50	13.05 12.98	159.94 172.84	4.0 0.17 0.08	143.1 146.89 159.86
24+00	11.23	184.04	11.3 0.03	161.5 172.51
+50			8.3	175.7
25+00			5.1	179.9
+50			4.3	179.7

Carts from page 26

Sta.	H.I.	Rod	Elas.
26+00	184.04	3.4	180.6
+50		2.6	181.4
+55 F.S. north of pringle		2.39	181.6
J.P. 2.29	185.68	0.95	183.09
27+55 F.S. South of Pringle		1.6	184.1
28+00		3.0	182.9
+50		7.9	177.8
J.P. 0.44	173.15	12.97	172.71
29+00		6.4	166.7
J.P. 0.04	160.31	12.88	160.27
+50		6.4	153.9
J.P. 0.62	148.20	12.73	147.58
30+00		4.5	143.7
+25		10.3	137.9
J.P. 0.29	135.76	12.73	135.47
+50		6.2	129.6
+75		13.1	122.7
J.P. 0.57	123.29	12.98	122.78
31+00		8.4	124.9
+20		13.2	110.1
J.P. 1.00	111.31	12.98	110.31
+50		12.1	99.2

Jan 3/10

Helvids
Barber
Taylor 27

Sta.	H.I.	Rod	Elas.
J.P. 4.86	103.28	12.89	98.42
31+95		10.6	92.7
32+00		12.2	91.1
+07		15.5	87.8
+15 m.H. bottom of Canyon		10.55	92.75
+50		1.1	102.2
J.P. 12.68	115.82	0.14	103.14
J.P. 12.27	128.04	0.05	115.77
33+00		7.4	120.6
J.P. 11.79	139.75	0.08	127.96
+50		7.3	132.4
+70		3.7	136.0
J.P. 12.97	152.60	0.12	139.63
34+00		7.6	145.0
+35		0.6	152.0
J.P. 8.40	160.90	0.10	152.00
+50		7.5	153.4
35+00		4.6	154.3
+50		4.0	156.9
36+00 F.S. north		3.0	157.9
+25 F.S. South		5.1	155.8
+50		9.3	151.6

Cont from page 27

Jan 3/10 ^{Childs} Barber 28
Tayer

Sta. J.P.	H.I.	Rod	Elev.	Sta. J.P.	H.I.	Rod	Elev.
36+62	4.33	152.34	12.89	40+80	0.91	170.88	12.87
			4.5				169.77
+77			13.3	41+00	0.42	158.63	6.3
			13.6				12.67
37+00			13.71	42+00	0.12	145.82	1.7
			13.71				12.93
+12			11.3	43+00	6.61	140.14	9.9
			5.3				12.29
+40			3.1	44+00			13.11
			10.3				12.8
+45			6.1	45+00			5.3
			0.06				0.17
+50			10.2	46+00	12.42	152.39	0.2
			3.2				0.20
+50			0.12	47+00	12.84	165.03	9.5
			5.3				0.57
+65			2.3	48+00	12.85	177.31	8.9
			2.85				168.4
+70			173.1	49+00			2.7
			176.22				11.6
38+00			177.5	50+00	4.15	180.30	1.95
			180.5				174.6
+50			178.0	51+00			176.15
			171.0				178.4
+50				52+00			1.1
							3.5
+75				53+00	0.24	167.61	12.93
							167.37
40+00				54+00	0.97	156.51	1.5
							12.07
+50				55+80			3.9
							152.6

Sheet 25 B

F. J. Smith of
Benson

Cover from page 28

Sta.	Dist.	Rod.	Elev.
46+00		6.6	149.9
+50		7.3	149.2
+75	m. bottom of canyon	7.40	149.11

12.86
143.66 - J.P.
4.98
148.68 ✓
7.40
141.08 J.P. 6/6

Profile of
sheet 18-58

Jan 5/10

J. Childs.
Barber
Taylor 29

Cont. from page 24

Sta	J.P.	H.I.	Rod	Elev.	
43750	9.83	199.21	0.06	189.89	
			4.1	195.1	
44100			-0.2	199.4	
	J.P.	0.13	186.68	12.66	186.88
45100				2.6	184.1
	J.P.	0.51	174.52	12.67	174.01
				3.0	183.7
46100				9.36	165.16

Profile plotted
Sheet 1-57

Jan 5/10

Abilado
Barber
Taylor 30

Lot. line East. of Horton bet. Peterborough & Horton from
 Center of Witherby to Sta. 44+00
 Jan. 4/10
 Childs Barber Taylor 31

Sta.		H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
0+00	J.P.	9.48	255.49	246.01	7+50	J.P.	2.8	252.7
+50	m.H. center of witherby		9.95	245.54	+75	F.I. north	1.73	253.8
1+00			6.0	249.5	8+00	F.I. South	2.3	253.5
+50			4.6	250.9	+50		7.8	247.7
2+00			3.7	251.8	+65	m.H. for center of miller in Heights	10.38	245.11
+50			2.1	253.4	9+00	J.P.	6.1	239.8
3+00	m.H. near center of Cools.		1.02	254.47	+20	J.P.	9.6	236.3
+50			1.3	254.2	J.P.	0.28	233.21	12.98
4+00	F.I. South		4.1	251.4	+50	J.P.	11.6	221.6
+50			4.8	250.9	J.P.	0.66	220.97	12.90
5+00			5.5	250.0	J.P.	0.42	208.59	12.80
+50			7.2	248.3	J.P.	0.25	196.10	12.74
6+00			8.0	247.5	J.P.	3.89	187.80	12.69
+95			7.67	247.82	+50		13.8	173.5
7+00			7.6	247.9	+50		14.8	172.5
+50			7.2	248.3	+60	m.H. bottom of canyon	12.30	175.00
8+00			8.0	247.5	J.P.	12.72	199.55	0.47
+95			7.67	247.82	J.P.	12.82	212.73	0.24
9+00			7.6	247.9	J.P.	12.49	224.62	0.00
+50			7.0	248.5	J.P.	12.78	237.33	14.0
10+00			4.5	251.0	J.P.	11.70	248.87	0.07
+50			4.5	251.0	J.P.			2.07
								4.7
								232.6
								3.4
								233.9
								0.16
								237.17
								8.4
								240.5

Profile blanked
Sheet A-59

m.H. for center of
miller in
Heights

m.H. bottom of canyon

F.I. north of
nearby

31

Cont. from page 31

Sta.	H.I.	Rod	Elev.
13+50	<u>248.87</u> F.J. Smith gneiss	3.74	245.1
14+00		3.6	245.3
+50 J.P.	0.87 <u>237.04</u>	7.6 12.70	241.3 236.17
15+00		1.7	237.3
+50 J.P.	0.84 <u>225.20</u>	8.4 12.68	228.6 224.36
16+00 J.P.	0.15 <u>212.72</u>	5.4 12.63	219.8 212.57
+50 J.P.	0.29 <u>200.48</u>	4.7 12.53	208.0 200.19
17+00 J.P.	0.45 <u>187.86</u>	6.7 13.07	193.8 187.41
+50		6.9	181.0
+60		10.0	177.9
+68		14.8	173.1
+77	M.H. bottom of Campfire	13.95	173.91
18+00		11.2	176.7
+50		7.4	180.5
+75	F.J. north	6.7	181.2
19+00	F.J. south	7.50	180.4

Jan 47/0

Belvidere
Barber
Jay 32

Sta.	H.I.	Rod	Elev.
19+50 J.P.	<u>187.86</u> 0.67 <u>175.62</u>	11.5 12.91	176.4 174.95
20+00		4.2	171.4
+50 J.P.	1.17 <u>163.87</u>	9.4 12.92	166.2 162.70
21+00 J.P.	0.16 <u>151.01</u>	3.4 13.02	160.5 150.85
+50 J.P.	0.46 <u>138.57</u>	0.6 12.90	150.4 138.11
22+00		6.9	131.7
+15 J.P.	7.18 <u>132.99</u>	13.1 12.76	125.5 125.81
+35		14.5	128.5
+50 J.P.	M.H. bottom of Campfire 12.77 <u>143.70</u>	12.17 0.06	120.82 132.73
23+00 J.P.	13.04 13.06	2.8 0.00	142.9 143.70
+50 J.P.	<u>171.67</u>	0.13 8.4	158.61 163.3
+50 J.P.	12.67 12.75	0.25 0.13	171.42 183.96
24+00 J.P.	12.21 <u>208.84</u>	7.7 0.08	189.0 196.63
+30		9.2	199.6
+50 J.P.	10.42 <u>218.08</u>	4.9 1.18	203.9 207.66
25+00		7.4	210.7
+50		3.3	214.8

cont. from page 32

Jan 7/10 { Childs
Barber 33
Taylor

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
26+00	218.09	2.3	215.8	J.R. 31+65	8.54 113.71	12.93	105.17
+50		1.3	216.8	+72		11.5	102.2
+55 F.S. north of Pringle		1.50	216.6	+80 M.H. Ballance of Canyon		14.1	99.6
27+55 F.S. No. of Pringle		5.3	212.8	32+00		6.6	107.1
28+00		10.7	209.4	J.P. 12.35	125.96	0.10	113.61
J.P. 0.15	205.22	13.01	205.07	+50		9.7	116.3
+15		0.2	205.0	J.P. 12.42	138.38	0.00	125.96
+50		12.1	193.1	33+00		7.6	130.8
J.P. 0.14	192.46	12.90	192.32	J.P. 12.95	151.33	0.00	138.38
J.P. 0.09	179.56	12.99	179.47	J.P. 13.02	164.58	0.17	157.16
29+00		2.2	177.4	+50		8.3	155.9
J.P. 0.27	167.12	12.71	166.85	J.P. 12.99	177.17	0.00	164.78
+50		3.4	163.7	J.P. 12.92	170.08	0.01	177.16
+80		9.2	159.9	34+00		7.6	182.5
J.R. 0.88	155.09	12.91	154.21	+10		2.8	187.3
30+00		2.8	157.3	J.R. 13.24	203.29	0.03	190.00
J.P. 0.77	143.12	12.74	142.35	+50		11.0	192.3
+50		5.4	137.9	35+00		5.8	197.5
J.P. 0.26	130.45	12.93	130.19	+50		2.5	200.8
31+00		6.1	124.3	36+00 F.S. north		0.6	202.7
+20		11.0	119.4	+25 F.S. south		0.05	203.2
J.P. 0.55	118.10	12.90	117.55	+43		1.3	202.0
+50		13.0	105.1	+50		3.7	199.6

Cont. - from page 33

Sta.		H.I.	Rod	Elev.
J.P.	0.52	191.07	13.74	190.55
J.P.	0.17	178.25	12.99	178.08
37+00			4.3	174.0
J.P.	6.62	172.12	12.75	165.50
+35			11.3	160.8
+50			12.3	159.8
+65	m.H. bottom of canyon		11.71	160.41
+80			11.2	160.9
38+00			2.8	169.3
J.P.	12.78	184.84	0.06	172.06
J.P.	12.62	177.39	0.07	184.77
+50			2.4	195.0
J.P.	13.78	210.66	0.01	197.38
+75			7.1	203.5
39+00			2.5	208.1
+50	F.S. north		0.15	210.4
+75	F.S. south		1.0	209.6
40+00			3.3	207.3
+40			11.2	199.4
J.P.	0.11	197.70	12.97	197.39
+50			2.1	195.6
J.P.	0.33	185.06	12.97	184.73
J.P.	1.25	178.44	12.87	172.19
41+00			11.6	161.8
J.P.	4.13	164.64	12.93	160.51
+26			14.4	150.2

Sta.		H.I.	Rod	Elev.
41+50		164.64	13.2	151.4
+55	m.H. bottom of canyon		12.14	152.50
J.P.		177.52	0.01	164.63
+55			1.5	176.0
42+00			0.00	177.52
J.P.	12.68	190.20	0.04	190.16
J.P.	12.79	202.95	11.5	191.4
+35				
+50			7.5	195.4
J.P.	12.89	215.84	0.00	202.95
43+00			7.0	208.8
J.P.	10.91	226.70	0.05	215.79
+50			6.9	219.8
44+00	F.S. north of Benson		3.13	223.57

Profile bladed sheet 8-59

223.57
12.97 HI
236.54 HI
0.31
236.23 JP
12.00 HI
249.23 HI
0.03
249.20 JP
12.97 HI
262.19 HI
0.14
262.05 JP
5

Sark St. line from Peterborough to sta 6+70 south
of Millard

Jan 7/10
 Colville
 Barber
 Taylor 35

Sta.		H.I.	Rod	Elev	Sta.	H.I.	Rod	Elev.
J.P.		5.56	267.61					
0+00	Fin. 25' So. of Peterborough		1.20	266.41	6+70	Fin. at pueblo line	230.05	11.02 219.0
+50			4.0	263.6				
1+00			8.3	259.3				
J.P.		0.09	254.88	12.82				
+50			0.8	254.1				
+90	M.H. angle R. 2°58'		5.45	249.4				
2+00			6.1	248.8				
+50			11.2	243.7				
J.P.		0.50	242.80	12.58				
3+00			4.2	238.6				
+50			9.5	233.3				
J.P.		0.17	230.05	12.92				
4+00			1.3	228.7				
+50			7.6	222.4				
+87.5	M.H. angle L. 2°57'		12.65	217.40				
5+00			13.8	216.2				
+50			14.1	215.9				
6+00			13.7	216.3				
+50			12.2	217.8				

Profile plotted
 sheet d-61

Willow Street from Center Lark
To center of Union.

west

Jan 8. 170

L Childs
Barber
Taylor 36

Sta.

0+00	M.H. Center Lark		12.65	217.40
J.P.	0.40	217.80		
+10			12.0	205.8
J.P.	0.56	205.47	12.89	204.91
+60			2.3	203.2
J.P.	1.77	193.84	12.90	192.57
J.P.	0.34	181.66	12.53	181.31
1+00			3.1	178.5
+12			10.0	171.6
+40	M.H. angle L 39° 31'		11.21	170.4
J.P.	0.02	168.85	12.82	168.83
+50			2.8	166.0
J.P.	0.17	156.07	12.95	155.90
2+00			4.2	151.0
+32			11.0	145.1
+37			8.4	147.7
+50			8.5	149.6
J.P.	1.89	145.35	12.61	143.46
+65			7.9	137.4
+75.4	M.H. Sta. 21+35 on Union Street		9.82	135.53

Profile started
Sheet A-67

2130

4.40

40.95

Lot. line West of Lark.
 from 21' north of Willow to

pueblo line

Jan 8/10

Blinds
 Barber 37
 Taylor

Sta.	H.I.	Rod	Elev.
J.P.	12.54	189.39	176.85
0+00	F.I. 25' north of Willow.	0.05	189.3
+50		3.6	185.8
+100		8.0	181.4
+130		9.0	180.4
+150	m# bottom of canyon	12.54	176.85
2+00		7.8	181.6
+135	dead end,	4.1	185.3

8.08
 191.31

Profile plotted.

Sheet A. 62

Carry on line from sta. 23+00,
to sta 1+50 on lot line west of

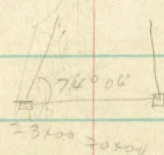
on Union St.
Park Street.

Jan, 8/10

Rehinds
Barber
Taylor 38

Sta		H.I.	Rod	Elev.
J.P.	12.81	153.76		
0+00	M.H. angle 74° 06' Sta. 23+00 on Union St.		12.81	140.95
+50			9.6	144.2
+96	M.H. Sta. 46+75 on lot line bet. Union & Horton		4.78	148.98
1+00			4.6	149.2
J.P.	12.80	166.14	0.42	153.34
+50			11.4	154.7
2+00			5.7	160.4
+41.8	M.H. Sta 46+00 on Horton Street		10.5	165.09
J.P.	11.85	176.94		
+50			11.3	165.6
3+00			7.2	169.7
+40.9	M.H. Sta 1+50 on lot line west of Park		0.09	176.85

Rehinds
Sheet A-62



Puterbaugh Sta from near East
Sta 33450 near Kearney.

line Fork to

Jan 10/10

Blinded Barber Taylor 39

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
J.P.	4.22	270.63	266.41				
0+00		1.8	268.8	6+20		10.11	173.63
+50		3.4	267.2	+50		11.7	172.0
1+00		5.7	264.9	+55		12.4	171.3
+50		8.7	261.9	J.P.	12.84	0.11	183.63
J.P.	0.61	258.28	257.67	7+00		5.5	191.0
2+00		2.4	255.9	J.P.	12.95	0.04	196.43
				J.P.	9.50	0.00	209.88
750		10.0	248.3	+30		6.3	212.6
J.P.	0.34	245.59	245.25	+45		1.88	217.00
+85		0.70	244.9	+70		3.0	215.9
3+00		1.7	243.9	+75		5.1	213.8
+50		5.4	240.2	J.P.	0.06	13.06	205.88
J.P.	0.63	233.33	232.70	8+00		9.4	196.5
4+00		3.7	229.6	J.P.	0.56	12.86	193.02
J.P.	0.32	220.68	220.36	J.P.	2.73	12.03	181.55
+16		6.4	214.3	+42		17.5	172.8
J.P.	0.20	207.88	207.68	+50		11.63	172.65
+50		10.1	199.8	+60		12.0	172.3
J.P.	0.99	195.94	194.95	+90		0.6	183.7
J.P.	0.74	193.74	183.00				
+80		3.4	180.3				
5+00		10.8	172.9	9+00		0.5	183.8
+05		11.8	171.9	+20		2.8	181.3
+25		8.52	175.22	+35		9.3	175.0

Profile started
Sheet A-60

M.H. bottom of
canyon

44

Contd from page 39

Sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.	
	184.28			J.P.	0.53	153.74	12.74 153.21	
9+50		1.5	182.8	13+75		6.3	147.4	
J.P.	12.85	197.06	0.07	J.P.	0.42	141.26	12.90 140.84	
J.P.	12.83	209.87	0.02			1.3	140.0	
+85			12.4	14+00				
10+00		7.5	202.4	+50		12.5	128.8	
J.P.	12.52	222.38	0.01	J.P.	0.18	128.57	12.93 128.33	
+35			11.0	+60		1.2	127.3	
				J.P.	5.50	121.28	12.73 115.78	
+50		4.2	218.2	15+00		6.3	115.0	
J.P.	6.98	229.36	0.00					
+70			3.0	+25		11.46	109.82	
11+00	F.T. South		0.71	228.7	+85		14.0	107.3
+25	F.T. North		2.5	226.9	+50		12.5	108.8
+50			4.3	225.1	+75		9.2	117.1
				J.P.	12.46	133.72	0.02 121.26	
12+00		11.6	217.8	16+00		11.5	122.2	
J.P.	0.43	216.91	12.88	J.P.	12.15	143.85	0.02 133.70	
+50			7.8	+50		6.4	139.4	
J.P.	0.34	204.29	12.96	J.P.	12.62	158.42	0.05 145.80	
+88			3.3	201.0	17+00		1.7	156.7
				J.P.	12.90	171.31	0.01 158.41	
+96			9.5	194.8	+25		6.9	164.4
J.P.	0.30	191.53	13.06	191.23				
13+00			3.7	187.8	+10		2.5	168.8
				J.P.	12.75	183.98	0.08 171.23	
+10		11.1	180.4	18+00		0.9	183.1	
J.P.	0.14	178.68	12.99	J.P.	12.65	196.56	0.07 183.91	
J.P.	0.25	165.95	12.98	J.P.	12.77	209.82	0.01 196.55	
+50			8.0	157.9	+50		10.3	199.0

Jan 10/10

Lehinds
Barber 40
Taylor

Cont. from 40

Sta.		H.I.	Rod	Elev.
J.P.	12.43	<u>221.69</u>	0.06	209.26
19+00			5.3	216.4
J.P.	9.71	<u>231.13</u>	0.27	221.42
+40	F.S. South of Pringle		8.9	222.2
		<u>231.13</u>		
20+40	F.S. north of Pringle		2.26	228.87
+50			2.1	229.0
21+00			1.1	230.0
+50			2.4	228.7
+90			4.7	226.4
22+00			6.7	224.4
J.P.	0.05	<u>218.46</u>	12.72	218.41
+50			2.8	215.9
+60			4.6	213.9
+72			9.9	208.6
J.P.	0.02	<u>206.12</u>	12.36	206.10
J.P.	0.70	<u>194.35</u>	12.47	193.65
23+00			4.9	189.4
J.P.	0.14	<u>181.61</u>	12.88	181.47
+50			6.1	175.5
J.P.	0.42	<u>169.47</u>	12.56	167.05
+75			3.3	166.7
J.P.	0.22	<u>156.79</u>	12.90	156.37
24+00			3.3	153.5

June 2/10
 Childs
 Barber
 Taylor 41

Sta.		H.I.	Rod	Elev.
		<u>156.79</u>		
24+10			8.8	148.0
J.P.	0.09	<u>143.96</u>	12.92	143.87
J.P.	9.36	<u>140.60</u>	12.72	131.24
+35			12.5	128.1
+50			13.5	127.1
+65	M.H. bottom of canyon.		12.09	128.57
+90			5.8	134.8
25+00			1.9	138.7
J.P.	12.09	<u>152.65</u>	0.04	140.36
J.P.	11.80	<u>164.27</u>	0.18	152.47
+42			2.5	161.8
+50			0.7	163.6
J.P.	12.63	<u>176.75</u>	0.15	164.12
+75			6.8	170.0
26+00			2.8	174.0
J.P.	12.94	<u>189.64</u>	0.15	176.60
+50			7.8	181.9
27+00			1.0	188.5
J.P.	12.75	<u>202.24</u>	0.05	189.49
+50			4.8	197.4
J.P.	12.64	<u>214.79</u>	0.09	202.15
28+00			8.6	206.7
+20			5.0	209.8
+50			2.4	212.4

Cont. from page 41

Sta.		H.I.	Rod	Elev.
29+00		214.79	1.1	213.7
+50			5.2	209.6
+85			7.2	207.6
30+00			1.5	213.3
J.P.	11.85	226.55	0.09	214.70
+10			9.7	216.8
+16	M.H. near center of Henry.		9.67	216.88
+50			8.5	218.1
31+00			3.4	223.1
J.P.	12.22	237.90	0.87	225.63
+50			8.5	229.4
32+00			2.5	235.4
J.P.	7.15	244.53	0.82	237.38
+15			7.3	239.2
+50			5.9	238.6
33+00			4.1	240.4
+50	H.I. near nearney about 16' from So. line of nearney		2.48	242.0

Jan 13/10

Childs
Barber
Taylor

42

Torrence street from 260' east
to sta. 24+35 just south of

of angle at Pueblo line
Clark Jan 11/10

Childs
Barber
Taylor 43

Sta.	H.I.	Rod	Elev.
J.P.	8.68	275.09	266.41
0+00		1.3	273.8
+50		1.2	273.9
1+00		1.6	273.5
+50		2.9	272.7
2+00		5.4	269.7
+50		11.1	264.0
+60		12.43	262.66
J.P.	0.73	263.39	
3+00		3.2	260.2
+50		5.8	257.6
4+00		8.2	255.2
+50		11.2	252.2
J.P.	0.36	250.83	250.47
5+00		2.6	248.2
+50		7.9	242.9
+61		11.1	239.7
J.P.	0.17	238.02	237.85
+66		10.6	227.4
J.P.	5.22	230.48	225.26
+74		6.0	224.5

Profile plotted
Sheet A-61

Sta.	H.I.	Rod	Elev.
5+84	230.48	12.45	218.03
6+00		4.2	226.3
J.P.	13.07	243.48	0.07
+10		10.7	232.8
J.P.	12.84	253.66	0.66
+18		12.0	243.7
+30		7.6	248.1
+50		6.5	249.1
7+00		3.3	252.4
J.P.	7.26	261.86	1.07
+50		4.8	257.0
8+00		1.6	260.2
+25		1.34	260.51
+50		1.4	260.4
9+00		3.7	258.1
+10		8.5	253.3
J.P.	0.17	249.13	12.89
10+00		2.4	246.7
+17		6.8	242.3
J.P.	0.12	236.32	12.93
J.P.	1.01	224.41	12.92
+30		2.4	222.0

cont. from page 43

Sta.		H.I.	Rod	Elev.
J.P.	0.93	212.42	12.92	211.49
J.P.	0.78	200.23	12.97	199.45
11+00			2.2	198.0
J.P.	1.12	188.41	12.94	187.29
+50			8.5	179.9
J.P.	0.80	175.77	12.94	175.47
+85			5.4	170.4
12+00			12.3	163.5
J.P.	0.26	163.09	12.94	162.83
J.P.	0.11	150.21	12.99	150.10
+50			12.3	137.9
J.P.	0.45	137.75	12.92	137.30
J.P.	4.54	129.90	12.89	125.36
13+00			10.55	119.31
			13.7	116.2
+15			11.3	118.6
+42			6.0	123.9
+50			3.2	126.7
J.P.	13.04	142.75	0.19	129.71
J.P.	12.47	150.08	0.16	142.59
14+00			9.6	145.5
J.P.	12.97	167.92	0.13	154.95
+25			10.2	157.7
+40			4.1	163.8
+50			1.4	166.5
J.P.	12.64	180.54	0.02	167.90
15+00			4.7	175.8
J.P.	12.70	193.11	0.13	180.41
+50			7.7	185.4

m.H. bottom of
Camp

Jan 11/10
Hildes
Barber
Taylor 44

Sta.		H.I.	Rod	Elev.
J.P.	12.66	205.67	0.10	193.01
16+00			7.8	197.8
J.P.	12.78	218.38	0.07	205.60
+50			6.1	212.3
J.P.	12.87	231.24	0.01	218.37
17+00			5.0	226.2
+20			0.8	230.4
J.P.	12.55	243.76	0.03	231.21
+50			10.4	233.4
18+00			4.5	239.3
J.P.	4.20	247.01	0.95	242.81
+50			3.0	244.0
19+00			1.2	246.8
19+25			0.87	246.14
+50			1.6	245.4
20+00			7.8	239.2
J.P.	10.8	235.38	12.71	234.30
+50			3.8	231.6
+65			7.7	227.7
J.P.	0.82	223.22	12.98	222.40
J.P.	0.66	210.99	12.89	210.33
21+00			3.0	208.0
J.P.	0.58	198.65	12.92	198.07
+43			9.2	189.4
+50			12.8	185.8

cont. from page 44

Jan 11/10
 Habilds
 Barber
 Taylor 45

Sta.	J.P.	H.I.	Rod	Elev.
21+90	0.21 0.59	185.92 173.76	12.94 12.75 5.1	185.71 173.17 168.7
22+00			10.5	163.3
J.P.	0.65	161.64	12.77	160.99
+10			3.7	157.9
J.P.	5.97	154.73	12.78	148.86
+34			15.9	138.8
+40			14.0	140.7
+50			12.28	142.45
23+00			7.6	147.1
+11			7.95	146.8
J.P.	2.89	167.43	0.19	154.54
23+50			10.7	156.7
J.P.	9.79	177.15	0.07	167.36
24+00			6.0	171.1
J.P.	8.64	183.26	2.53	174.62
+35			3.3	180.0

142
 273.67 +

sheet
 11-61

Lot line bet. Torrence & Puterbaugh
View of Ramona Heights to Sta 14+50

from Pueblo line bet. Maxine
bet. Pringle & McKee Jan 12/10

de Childs
Barber
Taylor 46

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
J.P.	6.69	233.89		247.20	J.P.	0.17	203.53	12.95	203.36
0+00	F.J. on Pueblo line		3.12	252.8	3+70			4.0	199.5
+50			9.6	246.3	4+00			4.1	199.4
+70			11.2	244.7	+05			4.3	199.2
J.P.	0.50	244.05	12.34	243.55	J.P.	0.33	198.47	10.39	193.14
+82			3.8	240.2	+30			14.8	183.7
1+00			10.4	233.6	+36	M.H. bottom of canyon		11.45	187.02
J.P.	0.07	231.17	12.95	231.10					
+10			5.9	225.3	+45			6.1	192.4
+28			8.8	222.4	+50			5.7	192.8
+40			5.1	226.1	+63			2.1	196.4
+48			5.9	225.3	J.P.	62.22	210.58	0.11	198.86
					J.P.	71.62	222.19	0.01	219.57
+50			6.8	224.4	+89			10.1	212.1
J.P.	7.26	225.76	12.67	218.50	5+00			10.1	212.1
+65	M.H. bottom of canyon		10.52	215.24	+11			4.9	217.3
					J.P.	12.45	234.62	0.02	222.17
+75					+24			3.1	221.5
J.P.	4.07	228.79	10.4	224.72	J.P.	12.93	247.12	0.43	234.19
2+90	F.J. Smith		0.24	228.5	+50			8.3	238.8
3+00			4.1	224.7	6+00			6.1	241.0
J.P.	0.40	216.31	12.88	215.91	J.P.	3.26	249.75	0.63	246.49
+35			9.7	206.6	+40			2.5	247.2
+50			8.1	208.2	+50	F.J. Smith		2.6	247.1

Poplar planted
2-6-10

cont. from page 46

Sta.		H.I.	Rod	Elev.
6+75	F.S. North	249.75	1.8	247.9
7+00			1.8	247.9
+50			3.7	246.0
8+00			7.7	242.0
+10			8.1	241.6
J.P.	0.14	236.94	12.95	236.80
+25			0.6	236.3
J.P.	0.06	224.23	12.77	224.17
+50			4.5	219.7
J.P.	0.21	211.56	12.88	211.35
J.P.	0.24	198.91	12.89	198.67
9+00			6.8	197.1
J.P.	0.49	186.73	12.67	186.24
+15			1.8	184.9
+50			10.0	176.7
J.P.	-0.03	173.87	12.89	173.84
10+00			5.7	168.1
J.P.	0.22	161.45	12.58	161.23
+50			3.6	157.8
J.P.	0.20	149.11	12.54	148.91
11+00			11.3	137.8
J.P.	0.05	136.22	12.94	136.17
J.P.	2.19	125.40	13.01	123.21
+50			8.9	116.5
+60	M.H. bottom of canyon		10.50	114.70
+69			13.9	111.5

Jan 12/10 } builds
Barber 47
Jayer

Sta.		H.I.	Rod	Elev.
11+80		125.40	11.0	114.4
12+00			8.0	117.4
+35			1.8	123.6
J.P.	12.38	137.33	0.45	124.95
+50			7.5	129.8
J.P.	13.00	150.17	0.16	137.17
+66			10.8	139.4
J.P.	12.34	162.51	0.00	162.51
13+00			12.8	149.7
J.P.	11.49	173.44	0.56	161.95
+50			7.1	166.3
J.P.	11.74	185.16	0.02	173.42
14+00			5.2	180.0
J.P.	10.80	195.45	0.01	185.15
+50	F.S. bet pringer & m ^o Kee.		1.8	193.6

Profile plotted
Sheet A-62

Lot line bet. Pinterbang & 4
 Intersection of center of Hundred to sta 2+

Traverse from
 50 bet. Clark & Roark

Jan 13/10

Childs
 Barber
 Taylor 48

Sta.		H.I.	Red	Elev.
		210.54		
0+00	M.H. center of Howard & lot line		12.1	209.33
11.7	No. line of Clark		5.01	205.5
		198.09		
+50			2.8	195.3
1+00			11.4	186.7
		185.70		
+50			7.7	178.0
+75			12.6	173.1
2+00		173.03	9.4	163.6
+07			12.5	160.5
J.P.	6.37	148.82		142.45
+37			9.7	139.1
+50	M.H. bottom of Canyon		12.82	136.00

146.45		148.17	
7.49	0.65	13.63	
437	12.61	160.82	0.14
		0.17	197.95
		160.65	13.09
		12.38	210.54
		173.03	
		0.14	
		172.89	
		12.81	
		160.08	
		185.70	
		0.13	
		185.57	
		12.52	
		198.09	

Neale street from 168.4 still. on
 Neale & pueblo line to pueblo line

Sta.	J.P.	H.I.	Rod	Elev.
0+00	J.P.	12.91	155.36	142.45
+25	J.P.			
+35	J.P.	12.85	168.20	152.7
+50	J.P.	12.90	181.10	160.9
1+00	J.P.	12.40	193.50	179.0
+50	J.P.	12.25	205.64	181.10
+68.4	J.P.			195.0
+70	J.P.			
+75	J.P.			
+80	J.P.			
+85	J.P.			
+90	J.P.			
+95	J.P.			
+100	J.P.			

Profile taken
 Sheet 63

pueblo from intersection
 at Marine View

Jan 13/10
 Builders Barber & Taylor

Sta.	J.P.	H.I.	Rod	Elev.
5+30	J.P.	12.91	255.45	251.7
+50	J.P.			250.1
6+00	J.P.			246.4
+70	J.P.			244.2
+75	J.P.			242.71
+80	J.P.			239.0
+85	J.P.			230.82
7+00	J.P.			224.2
+50	J.P.			218.25
+70	J.P.			210.3
+80	J.P.			205.69
+90	J.P.			198.1
+95	J.P.			186.9
+100	J.P.			181.50
+75	J.P.			180.3
9+00	J.P.			170.7
+50	J.P.			169.06
+50	J.P.			157.97
+50	J.P.			146.4
+95	J.P.			145.09
+100	J.P.			134.77
+100	J.P.			129.52
+100	J.P.			127.8
+105	J.P.			126.3
+110	J.P.			129.4

Cont. from page 49

Sta.	J.P.	H.L.	Rod	Blv.
		12.19	152.22	0.00 140.03
10+50			9.1	143.1
J.P.	12.34	164.50	0.06	152.16
J.P.	12.99	177.27	0.21	164.29
11+00			8.8	168.5
J.P.	13.07	189.90	0.44	176.83
+30			10.6	179.3
+50			7.8	182.1
J.P.	12.99	202.84	0.05	189.85
12+00			6.1	196.7
J.P.	12.90	215.73	0.01	202.83
J.P.	12.90	228.53	0.08	215.85
+50			5.4	223.1
J.P.	12.94	241.44	0.05	228.50
J.P.	12.63	253.54	0.53	240.91
+88			5.0	248.5
13+00			1.9	251.6
J.P.	12.45	265.93	0.06	253.48
+50			7.3	258.6
14+00			1.4	264.5
J.P.	7.71	272.99	0.65	265.28
+50			3.9	269.1
+75	F.S. north of winder		2.40	270.6
15+75	F.S. south of winder		4.9	268.1
16+00			6.5	266.5
+50			10.2	262.8

Jan 14/10

Charles
Barber 50
Taylor

Sta.		H.L.	Rod	Elev.
17+00	about 7' deep m.H. bottom of draw.	272.99	11.93	261.06
+50			9.5	263.5
18+00			4.9	267.1
+20	about 6' deep dead end at Pebbline		2.8	290.2

Lot line bet. Meale & Torrence
Pringle to Sta. south of

from 25' So. of
Mc. Kee.

Jan 14/10

Childs
Barber
Taylor 51

Sta.	J.P.	H.I.	Rod	Elev.
		241.42		228.87
0+00			0.4	241.0
+50			4.8	236.6
+90			12.4	229.0
J.P.	0.06	228.80	12.68	228.74
1+00			2.7	226.1
J.P.	0.37	216.61	12.56	216.24
+50			5.0	211.6
J.P.	0.20	203.88	12.93	203.68
2+00			7.2	196.7
J.P.	0.70	191.79	12.79	191.09
+50			5.2	186.6
J.P.	0.75	179.77	12.77	179.02
3+00			1.5	178.3
+15			3.2	176.6
+50			12.0	167.8
J.P.	0.21	167.11	12.87	166.90
+80			11.1	156.0
J.P.	0.12	154.49	12.74	154.37
4+00			10.0	144.5
J.P.	0.48	142.14	12.83	141.66
+25			11.6	130.5
J.P.	2.30	131.42	18.02	129.12
+40			5.05	126.37

Profile plotted
R-6 J

with bottom of
canyon

Boone street from 25' 20. g
Pueblo line 20. g winder.

Sta.	H.I.	Rod	Elev.
J.P.	12.92	<u>267.28</u>	254.36
0+00	F.J. 25' 20. g Pringle	3.22	264.0
+50		9.2	258.1
J.P.	10.9	<u>255.47</u>	254.38
1+00		4.6	250.9
+08		5.1	250.4
J.P.	0.55	<u>243.09</u>	242.54
+50		7.4	235.7
J.P.	0.23	<u>230.40</u>	230.17
2+00		11.5	218.9
J.P.	0.98	<u>218.50</u>	217.52
+20		11.0	207.5
J.P.	0.01	<u>205.60</u>	205.59
+42		9.7	195.9
J.P.	0.13	<u>192.82</u>	192.69
+50		3.9	188.9
+86		12.6	180.2
J.P.	0.83	<u>180.68</u>	179.85
3+00		7.8	172.9
J.P.	8.13	<u>176.84</u>	168.71
+18		14.0	162.8
+26	mt. H. bottom of canyon	12.18	164.66
+50		6.4	170.4
J.P.	9.85	<u>182.63</u>	172.78
4+00	F.J. Smith	1.10	181.5
+25	F.J. Smith	0.6	182.0

Profile plotted sheet 8-64

Pringle to

Jan 14/10 { Clebirds
Barb 52
Jaylen

Sta.	H.I.	Rod	Elev.
	<u>182.63</u>		
4+50		4.1	178.5
+65		8.1	174.5
J.P.	0.86	<u>170.97</u>	169.65
J.P.	-0.02	<u>157.56</u>	157.38
5+00		2.3	155.3
J.P.	5.93	<u>150.48</u>	144.55
+50		10.8	139.7
+60		15.8	134.7
+65	mt. H. bottom of canyon	12.33	138.15
6+00		2.2	148.3
J.P.	12.42	<u>162.57</u>	150.07
+30		7.5	155.0
+50		1.9	160.6
J.P.	12.39	<u>174.85</u>	162.46
J.P.	12.64	<u>187.49</u>	174.88
7+00		4.1	183.4
J.P.	12.16	<u>199.49</u>	187.33
+10		11.2	188.3
J.P.	12.61	<u>212.07</u>	199.46
+50		11.8	200.3
J.P.	13.00	<u>225.01</u>	212.01
+95		12.7	212.3
8+00		10.2	214.8
J.P.	12.82	<u>237.82</u>	225.00
J.P.	12.98	<u>250.24</u>	237.26
+50		9.5	240.7
+65		4.8	245.4

88

Cont - from page 52

Sta	H.I.	Rod	Elev
J.P.	12.83	263.02	0.05 250.19
9+00			10.7 252.3
+50			4.4 258.6
10+00			0.1 262.9
J.P.	11.80	274.82	0.00 263.02
+50			8.0 266.8
11+00			3.0 271.8
+20	about 8' deep P.S. at pueblo line		0.88 273.94

Jan 17/50

Albino
Barber
Taylor

53

Upper str. from pueblo
so. of Harasity.

line to sta

Jan 17/10

Abilds
Barber
Taylor 54

Sta. sta.	H.I.	Rod	Elev.	Sta.	H.I.	Rod	Elev.
0+00	0.76	260.03	254.35	5+25	0.28 2.35	12.90	179.64
+50			259.43	+50		12.98	166.74
+85.8			258.3	+50		12.08	157.01
1+00			254.2	+88		13.8	155.3
J.P.	0.80	247.37	251.9	6+00		16.5	152.6
+50			247.07	J.P.	12.45	11.0	158.1
J.P.	0.25	234.77	238.3	+50		0.05	169.04
2+00			234.52	J.P.	13.05	6.9	174.6
J.P.	-0.01	221.87	221.9	7+00		0.02	181.47
J.P.	0.19	209.16	221.88	J.P.	12.93	1.4	193.1
+50			208.97	+50	8.08	0.17	194.55
+65			205.5			0.07	207.27
J.P.	0.15	196.41	201.2			2.0	213.3
+85			196.26				
3+00			192.9				
J.P.	2.10	185.58	201.2				
+13			184.2				
+17			183.48				
+25			173.55				
J.P.	8.58	192.54	12.03				
+50			171.3				
+65			178.1				
4+00			183.96				
			185.8				
			192.3				
			191.5				

Profile plates
Sheet A-64

F.S. near pueblo
line so. of
Harasity

Lot. line bet. Bornee & Jupiter
 Mc Kee to wider street.

Sta.		H.I.	Rod	Elev.
J.P.		194	219.46	
0+00	M.H. 110' north of Mc Kee.		12.83	206.63
+50			10.7	208.8
+85	F.I. 25' north of Mc Kee		3.10	216.4
1+85	F.I. 25' So. of Mc Kee.		6.6	212.9
2+00			8.5	211.0
J.P.		0.97	207.53	12.90
+50			2.5	205.0
3+00			10.7	196.8
J.P.		0.61	195.11	18.03
+35			4.5	190.6
+50			8.6	186.5
J.P.		0.22	182.72	12.61
+75			3.6	179.1
J.P.		0.72	170.45	12.99
4+00			3.2	167.2
J.P.		0.35	158.08	12.72
+50			9.6	148.5
+57			11.2	146.9
+68			13.5	142.6
+73	M.H. bottom of Carpenter		13.92	144.16

Profile taken
 10.65

from 110' north of

Jan 17/10

Builds
 Barber
 Taylor
 55

Sta.		H.I.	Rod	Elev.
		158.08		
5+00			4.3	153.8
J.P.		12.92		170.97
J.P.		11.86		182.79
+45				10.0
				172.8
+50				8.7
J.P.		12.98		195.75
				0.02
				182.77
6+00				8.5
J.P.		12.84		208.58
				0.01
				187.2
+50				7.2
J.P.		12.19		220.75
				0.02
				208.56
7+00				3.9
J.P.		12.60		233.29
				0.06
				220.69
+35				2.0
J.P.		12.75		246.04
				0.00
				233.29
+50				11.3
				234.7
+70				7.0
J.P.		7.85		253.79
				0.10
				245.94
+85	F.I. about 25' north of wider			6.8
				247.0

Lot line bet. Trupper & Sublett
50' South of Mc Kee To ^{near} pueblo line

from
Sta. 4+63

Jan 18/10

Blinded
Barber 56
Tayler

Sta		H.I.	Red	Elev
J.P.		6.45	228.33	221.88
0+00	M.H. 50' South of Mc Kee		4.20	224.13
+10			9.1	219.2
+30			6.6	221.7
+50			6.6	221.7
1+00			7.0	221.3
+50			3.3	225.0
2+00			0.6	227.7
+25	F.S. north of Harasity		2.0	226.3
J.P.		0.01	215.53	12.81
J.P.		0.12	202.93	12.72
3+25	F.S. South of		4.1	198.8
J.P.	Harasity	0.01	190.33	12.61
+50			2.2	188.1
J.P.		0.16	177.73	12.76
4+00			9.8	167.9
J.P.		2.42	167.12	13.03
+50			11.2	155.9
+63	M.H. bottom of Campus near pueblo line		4.39	162.73

Cable plotted
Sheet 1-65

Sublett from Pueblo line 248'
to bottom of canyon sta 5700

Sta.	J.P.	F.S.	H.I.	Rod	Elev.
0+00	J.P.	1.39	260.82	4.97	259.43
+50				2.5	258.3
1+00				2.8	258.0
+50				2.3	258.5
2+00				1.1	259.7
+10	J.P.			2.3	258.5
+30	J.P.	2.10	250.17	12.75	248.07
+48				0.1	250.0
+50				9.4	240.8
+50				10.5	239.7
J.P.		0.01	237.48	12.70	237.47
J.P.		0.18	224.71	12.95	224.53
3+00				11.6	213.1
J.P.		0.10	211.88	12.93	211.78
+17				5.9	206.0
+50				10.8	201.1
+72	J.P.			10.2	201.7
J.P.		0.16	199.26	12.78	199.10
4+00				2.8	196.5
+20				6.0	193.3
J.P.		0.42	186.75	12.93	186.33
+50				4.1	182.6

Profile starting
 offset of 65

north of Harasity
south of "

Jan 18/10

Barber 57
Tayler

Sta.	J.P.	H.I.	Rod	Elev.	
5700	J.P.	0.48	174.26	12.97	173.78
			8.99	165.27	

m.H. bottom of
canyon

Canyon line from center of
Harasity sta 500 to sta

Sta.		H.I.	Rod	Elev.
JP				
0+00	M.H. Center Sublett Sta 500	166.58	1.31	165.27
+50			6.9	159.7
+64			7.8	158.8
+72			5.3	161.3
1+00			5.0	161.6
+32	M.H. Sta 4+63 on lot line bet. Sublett & Truffer		3.86	162.72
+50			5.8	160.8
2+00			12.5	154.1
+14			8.7	157.9
+50			4.6	162.0
3+00			8.7	157.9
JP		5.32	159.76	12.14
+053	M.H. Sta. 5+25 on Truffer Street		2.78	156.98
+20			5.7	154.1
+50			12.5	147.3
+61			10.3	149.5
+89			12.0	147.7

Profile plotted
Sheet 9-66

Sublett just south of Jan 18/16
center India north of Harasity

Sta.		H.I.	Rod	Elev.
		159.76		
3+94			14.1	145.7
4+00			12.2	147.6
+15			10.6	149.1
JP		2.20	149.59	12.37
+48.4	M.H. Sta. 4+73 on lot line bet. Truffer & Boone		5.48	144.11
+50			5.9	143.7
+54			7.8	141.8
+62			4.9	144.7
5+00			2.4	147.2
+50			7.5	142.1
+60			9.5	140.1
+70			13.5	136.1
+80			11.1	138.5
+93	M.H. Sta. 6+65 on Boone	9.24	147.38	11.45
6+00			9.7	137.7
+15			11.7	135.7
+50			14.2	133.2

Childs
Pearl
58
Tayler

cont. - from page 58

Sta.	H.I.	Rod	Elev.
7+00	<u>147.38</u>	13.6	133.8
+12		12.3	135.1
+48		11.01	136.37
J.P. m.H. Sta. 0+00 on campus line 134	<u>137.71</u>		
+50		1.5	136.2
8+00		5.9	131.8
+10		9.4	128.3
+22		7.1	130.6
+36		7.9	129.8
+46		11.0	126.7
+50		8.2	129.5
+67		8.21	129.50
J.P. m.H. Sta. 9+95m Neale Street 137	<u>131.37</u>		
9+00		1.3	130.1
+50		2.9	128.5
+95.2		4.96	126.41
m.H. Sta. 4+40m lot line bet. Neale & Torrence			
10+00		5.4	126.0
+50		7.0	124.4

Jan 19/10

Elildo
Barber
Taylor 59

Sta.	H.I.	Rod	Elev.
11+00	<u>131.37</u>	11.8	119.6
+13		16.0	115.4
+20.5		12.05	119.32
J.P. m.H. Sta. 13+00 on Torrence street 2, 13	<u>121.45</u>		
+50		2.1	119.3
12+00		5.6	115.8
+20		9.3	112.1
+40		6.5	115.0
+48.4		6.57	114.88
+50		6.6	114.8
13+00		8.8	112.6
+25		10.0	111.4
+35		13.4	108.0
+45		11.8	109.6
+50		12.6	108.8
+57		14.4	107.0
+73		11.69	109.76
m.H. Sta. 15+20m Puterbaugh St.			

Cont. - from page 59

Sta.	H.I.	Rod	Elev.
J.P. 14+00	0.42 110.18	2.9	107.3
+33		6.8	103.4
+38		5.2	105.0
+50		6.1	104.1
+72		9.7	100.5
+93.3		7.71	102.47
15+00		7.6	102.6
+45		10.0	100.2
+50		10.7	99.5
+61		12.9	97.3
+71		9.6	100.6
+97		11.8	98.4
16+00		13.4	96.8
+10		16.3	93.9
J.P.	2.22 99.47	12.93	97.25
+22.2		3.65	95.82
+50		2.8	96.7

m.H. Sta. 31+80m
lot line bet gutterbump
& Horton

m.H. Sta. 3477 m
Horton St.

June 19/10
Hildes
Barber 60
Taylor

Sta.	H.I.	Rod	Elev.
17+00	99.47	7.3	92.2
+12		10.1	89.4
+25		8.8	90.7
+36		11.0	88.5
+43		7.2	92.3
+50		7.0	92.5
+53.5		6.88	92.59
18+00		8.7	90.8
+45		13.0	86.5
+50		14.7	84.8
+53		15.6	83.9
+59		18.3	86.2
J.P.	0.24 87.32	12.39	87.08
+78.5		1.96	85.36
19+00		3.3	84.0
+23		7.2	80.1
+50		6.6	80.7

m.H. Sta. 32+15 m
lot line bet Horton
& Union

m.H. Sta. 32+50 m
Union St.

Cont from page 60

Jan 19/10

Childs
Barber
Taylor 61

Sta.		N.L. Rod	Elev.
		<u>87.32</u>	
19+78		8.8	78.5
20+00		7.3	80.0
+04.6	m.H. Sta. 32+00 on lot line bet. mine	7.61	79.71
+14	4 Columbia St.	8.1	79.2
+36		11.5	75.8
+41		8.7	78.6
+50		8.9	78.4
21+00		10.1	79.2
+30.3	m.H. Sta. 17+05 on Columbia St.	12.12	75.20
J.P.		<u>81.30</u>	
+42		6.5	74.8
+50		11.2	70.1
+59		7.0	74.3
22+00		7.1	74.2
+50		6.7	74.6
+84.5	m.H. Sta. 07+00 on center India 25' north of Harasity.	7.3	74.0

8.78
72.52 J.P.
1.07
73.59
10.12
63.40

63.43

canon line from sta 4+73 on
 & Trupper & Sta. 0+00 on lot line

Sta.		H.I.	Rod	Elev.
0+00	M.H. Sta 4+73 on lot line bet. Trupper & Boone.	149.59	5.48	144.1
+20		159.76	16.0	143.6
+27			12.7	147.1
+50			7.5	152.3
+63			4.4	155.4
J.P.	12.92	172.66	0.02	159.74
1+00			5.6	167.1
+40			2.4	170.3
+50			2.8	169.9
+75			2.8	169.9
J.P.	13.05	185.12	0.59	172.07
+82.8	M.H. Sta 3+13 on Trupper street.		11.60	173.52
+96			5.1	180.0
2+00			4.3	180.8
J.P.	12.67	197.30	0.49	184.63
+50			2.9	192.4
J.P.	12.89	209.78	0.41	196.89
3+00			4.0	205.8
J.P.	12.90	222.58	0.10	209.68
+50			3.3	219.3
J.P.	5.20	226.89	0.89	221.69
+63.6	M.H. Sta 0+00 on lot line bet. Trupper & Sublett		2.80	224.09

lot line bet. Boone
 bet. Trupper & Sublett. Jan 19/10

Hildes
 Barber
 Taylor 62

Profile plotted 2-67

Campfire line from sta. 7+48 on
to sta. 0+00 on lot line bet. Boone

main campfire line
& Truffer

Jan 20/10

Charles
Barber
Taylor 63

Sta.		H.I.	Rod	Elev.
0+00	m.H. Sta. 7+48	<u>147.38</u>	11.01	136.4
	on main campfire			
+50	line		4.2	143.2
J.P.	12.98	<u>160.34</u>	0.02	147.36
1+00			10.6	149.9
+50			4.4	155.9
J.P.	12.66	<u>172.97</u>	0.03	160.31
+75			11.5	161.5
2+00			9.5	163.5
+07.5	m.H. Sta. 3+26 on		8.32	164.65
	Boone at. line			
+42			3.1	169.9
J.P.	13.03	<u>185.70</u>	0.30	172.67
+50			12.7	173.0
3+00			1.4	184.3
J.P.	12.55	<u>197.63</u>	0.62	185.08
+50			7.2	190.4
J.P.	12.08	<u>209.70</u>	0.01	197.62
+74			16.1	193.6
+76			13.1	196.6
4+00			6.1	203.6
+09.5	m.H. Sta. 0+00 on		3.10	206.60
	lot line bet. Boone			
	& Truffer,			

Opitic plates
Sheet A-67

4.97
172.66

6.34
179.36

179.85
179.36
49

Canyon line from Sta. 36+50 on lot
to Sta. 17+00 on Neale street so. of

Sta.		H.I.	Rod	Elev.
J.P.		12.96	128.87	115.91
0+00	M.H. Sta. 36+50 on lot line bet		11.71	117.16
+50	Union + Columbia		7.6	121.3
1+00			3.4	125.5
+15			1.4	127.5
J.P.		12.42	141.26	0.03 128.84
+26			9.6	131.7
+30.5	M.H. Sta. 36+90 on Union st.		8.90	132.36
+50			6.9	134.4
2+00	Profile plates - Sheet A. 67		4.8	136.5
+50			2.9	138.4
+57.8	M.H. Sta. 37+12 on lot line bet. Union & Horton	103.79	2.75	138.51
J.P.		12.71	0.38	140.89
3+00			11.5	142.3
+50			6.8	147.0
+88.3	M.H. Sta. 37+50 on Horton st.		3.76	150.03
4+00			3.3	150.5
J.P.		12.88	0.01	153.79
+30			16.0	155.7
+50			10.1	156.6

line bet Columbia + Union
wider,

Jan 20/10

Lilinds
Barber
Taylor 64

Sta.		H.I.	Rod	Elev.
		166.66		
4+66			10.6	156.1
5+00			8.6	158.1
+16	M.H. Sta. 37+65 on lot line bet. Horton & Puterbaugh		6.28	160.38
+50			3.5	163.2
J.P.		13.00	179.59	0.07 166.59
6+00			12.4	167.2
+50			7.5	172.1
+59.4	M.H. Sta. 37+50 on Puterbaugh st.		6.99	172.60
7+00			2.7	176.9
J.P.		12.95	192.53	0.01 179.58
+50			11.1	181.4
+93	M.H. Sta. 37+36 on lot line bet. Puterbaugh & Torrence		5.54	186.99
8+00			4.5	188.0
J.P.		13.01	205.53	0.01 192.52
+50			5.9	199.6
J.P.		12.67	218.20	0.00 205.53
+85			11.4	206.8
+93			5.8	212.4
9+00			4.7	213.5
+14.5	M.H. Sta. 37+84 on Torrence st.		0.22	217.98

21.

Cont. - from page 64

Sta.		H.T.	Rod	Elev.
J.P.	12.92	<u>230.90</u>		116.1
9+32			2.6	228.3
J.P.	12.37	<u>243.15</u>	0.12	280.78
+50			8.9	234.2
+65			1.1	242.0
J.P.	11.48	<u>254.38</u>	0.25	242.70
+75			4.8	249.6
10+00			3.9	250.5
+50			0.4	254.0
J.P.	8.88	<u>263.10</u>	0.16	254.22
11+00			6.2	256.9
+50			3.5	259.6
+66.6			2.08	261.02

M.H. Sta. 1700 m
Neale Street.

Sheet A-67

Jan 20/10

Lilido
Barber
Taylor 65

78.09
 12.76
 90.85 ✓
 0.10
 90.75 J.P.
 12.515
 103.20 ✓
 0.25
 103.20 J.P.
 12.91
 116.11 ✓
 0.25
 116.07 J.P.

campus line from sta. 18+75 on
to sta. 6+20. & from sta. 5+94.6 on

Sta.		H.I.	Rod	Elev.
0+00	16° 00' L M.H. Sta. 18+75 on center State	121.57	13.00	108.57
+50			9.8	111.8
1+00			7.3	114.3
+18.2	0° 53' R. M.H. Sta. 42+00 on Center Union.		4.93	116.64
+50			0.7	120.9
J.P.	12.84	134.40	0.01	127.86
2+00			11.7	122.7
+44	M.H. Sta. 41+15 on lot line bet. Union & Horton		7.45	126.95
+50	J.P.	13.07	6.9	127.5
J.P.		146.18	1.29	133.11
3+00			12.6	133.6
+50			8.1	138.1
+67.8	M.H. Sta. 41+65 on Horton St.		7.06	139.12
4+00			2.7	143.5
J.P.	12.95	159.13	0.00	146.18
+50			7.7	151.4
* +94.6	M.H. Sta. 41+65 on lot line bet. Horton & Puterbaugh		6.58	152.55
5+00			7.4	151.7
+28			6.6	152.5

Center of State
this line to Sta. 1+65 on left line bet
Torrence & Puterbaugh

Jan 20/10

Childs
Barber
Taylor 66

Sta.		H.I.	Rod	Elev.
		159.13		
5+50			1.1	158.0
J.P.	12.99	172.08	0.04	159.09
+70			12.1	160.0
+88			12.7	159.4
6+00			8.3	163.8
J.P.	5.17	175.90	1.35	170.73
+45	M.H. Sta. 6+20 on Puterbaugh St.		2.25	173.65
		159.13		
* 0+00 =	M.H. Sta. 5+94.6 on lot line bet. Horton & Puterbaugh		6.08	152.55
+10			1.2	159.9
+59			2.0	159.1
J.P.		175.90		
+86			7.5	168.4
1+00			5.2	170.7
J.P.	12.26	187.51	0.65	175.25
+25.3	M.H. Sta. 5+25 on Puterbaugh St.		12.27	175.24
+50			6.1	181.4
J.P.	12.64	200.13	0.02	187.49
+95			8.2	191.9
2+00			5.8	194.3
J.P.	12.42	212.55	0.00	200.13
J.P.	9.66	220.84	1.37	211.13
+50			6.6	214.2
+51.4	M.H. Sta. 1+65 on lot line bet. Torrence & Puterbaugh		5.55	215.29

Canyon line from sta. 2+10 on
sta. 0+00 on pueblo line just east

Sta.		H.I.	Rod	Elev.
0+00	3° 13' R M.H. Sta. 2+10 on center art's.	94.80	13.00	81.80
+50			10.0	84.8
1+00			6.6	88.2
+16	M.H. Sta. 3+50 on center Columbia	94.80	4.69	90.11
+41			7.6	87.2
+50			7.8	87.0
2+00			5.6	89.2
+22			6.0	88.8
+26			7.1	87.7
+40	M.H. Sta. 22+90 on lot line bet. Columbia & Union		4.13	90.67
+50			3.3	91.5
3+00			2.1	92.7
+03			3.5	91.3
J.P.		12.84	0.04	94.76
+15			12.5	95.1
+30			9.5	98.1
+50			8.3	99.3

Profile placed
sheet 9-68

center art's to
of Torrance,

Sta.		H.I.	Rod	Elev.
3+66.5	M.H. Sta. 22+72 on Union street	107.60		7.28 100.32
+74				8.2 99.4
+82				12.3 95.3
+89				9.4 98.2
4+00				7.6 100.0
+50				3.8 103.8
+62				4.8 102.8
+65				5.7 101.9
+78				1.7 105.9
J.P.		11.86		0.41 107.19
+91.9	M.H. Sta. 22+40 on lot line bet. Union & Horton.	119.85		10.74 108.31
5+00				9.6 109.4
+25				6.9 112.1
+36				8.8 110.2
+50				11.9 107.1
+93				6.7 112.3
6+00				6.6 112.4

June 21/10

Calvin
Barber
Tayler 67

Cont. - from Page 67

Sta.	H.I.	Rod	Elev.
6+18	119.05	8.11	113.94
+50		1.4	117.6
+68		0.0	119.0
+88		4.6	114.4
J.P.	12.90 131.89	0.06	118.99
7+00		16.7	115.2
+06		13.5	118.4
+28		11.8	120.1
+38		14.5	117.4
+47.8		11.04	120.85
+50		10.4	121.5
+62		6.4	125.5
8+00		3.6	127.3
+14		4.1	127.8
+20		9.0	122.9
+34		4.9	127.0
+50		4.3	127.6

Sta.	H.I.	Rod	Elev.
8+68.7	131.89	3.30	128.59
9+00		3.4	128.5
+15		1.2	130.7
J.P.	12.91 144.50	0.30	131.59
+50		11.2	133.3
+97.3		8.48	136.02
10+00		8.6	135.9
+16		11.5	133.0
+40		10.5	134.0
+50		9.1	135.4
+75		4.9	139.6
11+00		3.4	141.1
+37.5		2.02	142.48
J.P.	151.31	9.9	141.4
+47		11.3	140.0
+50		11.9	139.4
+57		8.5	142.8
+63			

Jan 21/10

Childs
Barber
Tayler 68

40
 Camp line from Sta. 22+40 on
 to Sta. 17+77 on lot line bet. Horton

Sta.		H.I.	Rod Elev.	Elev.
0+00	M.H. Sta 22+40 on lot line bet. Union & Horton	119.05	10.74	108.31
+23			11.8	107.2
+30			14.7	104.3
+50			12.0	107.0
+60			7.7	111.3
+77			4.7	114.3
+82			6.0	113.0
+91			2.7	116.3
1+00		12.85	131.85	1.0 118.0 0.05 119.00
+50		12.75	144.43	8.2 123.6 0.17 131.68
2+00			9.5	134.9
+50		12.97	157.40	5.5 138.9 0.00 144.43
+96.2	M.H. Sta 19+75 on Horton at		12.88	144.52
3+00			13.2	145.2
+50			2.0	155.4
+61			0.4	157.0

Profile plotted
 -68

lot line bet. Union & Horton
 & Peterbaugh

Jan 21/10

Lehilds
 Barber
 Taylor 69

Sta.		H.I.	Rod Elev.	Elev.
4+00		157.40		
J.P.		11.64	168.47	4.4 153.0 0.57 156.83
+50				10.0 158.5
5+00		12.99	179.00	2.3 166.2 3.46 165.01
J.P.				
+33.5	M.H. Sta. 17+77 on lot line bet. Horton & Peterbaugh			4.04 173.96

cont. from page 68

Sta	H.I.	Rod	Elev.
12+00	151.31	3.7	147.6
+50		2.8	148.5
+73		1.1	150.2
+85		4.5	146.8
+91.5	M.H. Sta. 0+00 on Pueblo line east of Torrence	3.45	147.86

Jan 21/10

Helms
Barber
Taylor 70

Compare line from sta. 5+25 on
to. sta. 5+95 on lot line bet. Horton &

Sta.		H.I.	Rod	Elev.
0+00	M.H. Sta. 5+25 on Columbia St.	156.13	12.68	143.45
+15	So. of cuts.		13.3	142.8
+20			16.0	140.1
+45			9.6	146.5
+50			8.8	147.3
+57			7.5	148.6
+60			10.0	146.1
1+00			4.6	151.5
J.P.	12.11	168.21	0.03	156.10
+50			12.9	155.3
+73			13.7	154.5
+96			7.2	161.0
2+00			6.8	161.4
+013	M.H. Sta. 5+50 on lot line bet Union & Columbia.		6.49	161.72
+24			0.8	167.4
+29			3.7	164.5
J.P.	12.32	180.53	0.00	168.21
+38			10.6	169.9

Profile plotted
Sheet A-69

Columbia Street
Putterbaugh

Sta.		H.I.	Rod	Elev.
2+50		180.53	5.7	174.8
+64			3.5	177.0
3+00			4.6	175.9
J.P.	12.52	193.05	0.00	180.53
+343	M.H. Sta. 6+00 on Union Street		11.51	181.54
+44			11.8	181.2
+50			15.6	177.4
+53			16.6	176.4
+66			9.5	183.5
+88			2.9	190.1
4+00			8.5	184.5
+12			2.1	190.9
J.P.	13.02	205.96	0.11	192.94
+29		206.0	10.3	195.7
+42			14.7	191.3
+50			10.8	195.2
+60.5	M.H. Sta. 6+20 on lot line bet Union & Horton		6.40	199.56
+65			9.1	196.9
+95			9.3	196.7

Jan 21/10 } Leibold
Barber 71
Taylor

Cont. - from page 71

Sta.		H.I.	Red	Elev.
		<u>205.96</u>		
5+00			7.1	198.9
J.P.	12.73	<u>218.50</u>	0.19	205.77
+15			12.1	206.4
+30			9.4	209.1
+50			8.8	209.7
+65			5.8	212.7
J.P.	12.81	<u>231.10</u>	0.21	218.29
+96			1.6	229.5
6+00			0.9	230.7
J.P.	12.98	<u>244.06</u>	0.02	231.08
+04.9	M.H. Sta 5+50 on Horton street		12.80	231.26
+50			5.8	238.3
J.P.	6.78	<u>250.37</u>	0.47	243.59
7+00			5.7	244.7
+37.2	M.H. Sta 5+95 on lot line bet. Horton & Puterbaugh		2.50	247.87

Jan 22/10

Elbridge
Barber 72
Taylor

witherby street from lot line
to lot line bet. Koston & Puterbaugh

bet. Columbia & Congress
Jan 22/10

blinds
Barber
Tayer 73

Sta	H.I.	Rod	Elev.
0 +00 J.P.	m.H. Sta 000 on 127.30	0.47	126.83
+10	lot line bet Congress & Columbia 4.78 119.15	12.93	114.37
+61		8.8	110.3
+70	m.H. bottom of canal	14.4	104.7
+85		11.51	107.64
1 +00 J.P.		5.7	113.4
+25	m.H. center Columbia Sta 000 12.92	131.67	1.2
+50 J.P.		0.40	118.75
2 +00 J.P.		6.32	125.35
+49.6 J.P.	m.H. Sta 000 on lot line bet Union & Columbia 12.62 168.88	0.9	130.8
3 +00 J.P.		0.38	131.29
+50		2.7	140.4
+72	m.H. Sta 000 on Union street	0.06	143.01
4 +00 J.P.		4.88	150.95
+50 J.P.		0.07	155.76
+95.1	m.H. Sta 000 on lot line bet Union & Koston 12.72 12.88 219.10 231.77	3.0	165.4
		0.00	168.38
		0.02	181.08
		10.3	178.4
		9.10	184.59
		1.9	191.8
		0.19	193.00
		2.8	204.0
		0.11	206.21
		0.21	219.89
		10.86	220.91

Sta	H.I.	Rod	Elev.
5 +00 J.P.	231.77	9.5	222.3
+50	13.03	0.61	231.16
6 +00		11.7	232.5
+19.6 J.P.	251.04	5.7	238.5
+50		4.88	239.31
7 +00		10.2	240.8
+42.3		8.1	242.9
		5.43	245.61

Profile plotted
Sheet A-69

74

Curve line from Sta. 2+85 on
Columbia to Sta. 10+60 on lot line bet.

Sta.		H.I.	Rod	Elev.
0+00	m.H. Sta. 2+85 on lot line bet. Congress	128.75	12.65	116.10
+35	∩ Columbia		10.8	118.0
+50			12.2	116.6
+65			11.4	117.4
+74			9.1	119.6
1+00			5.5	123.2
+245	m.H. Sta. 14+00 on J.P. Columbia pt.	139.22	24.2	126.33
+50	12.89		9.7	129.5
2+00			10.0	129.2
+15			13.0	126.2
+42			10.6	128.6
+50			9.0	130.2
+594	m.H. Sta. 12+14 on lot line bet. Union		4.63	134.59
+78	∩ Columbia		2.2	139.0
J.P.	12.50	157.12	0.60	138.62
+85			18.0	133.1
3+00			16.0	135.1

lot line bet. Congress &
Horton & Puterbaugh Jan 22/10

Shields
Barber 74
Taylor

Sta.		H.I.	Rod	Elev.
3+07		151.12	15.3	135.8
+20			9.8	141.3
+50			7.1	144.0
+878	m.H. Sta. 11+80 on Union St.		6.70	144.42
4+00			7.8	143.3
+05			8.5	144.6
+14			6.2	144.9
+50			1.3	149.8
J.P.	12.91	163.12	0.91	150.21
5+00			9.8	153.3
+14	m.H. Sta. 11+62 on lot line bet. Union		8.92	154.20
+42	∩ Horton		10.1	153.0
+50			8.2	154.9
6+00			3.1	160.0
+11			5.0	158.1
+45	m.H. Sta. 11+25 on J.P. Horton	174.95	0.89	162.23
+50	12.72		12.4	162.5

Cont. from page 74.

Sta.	H.I.	Rad	Elev.
6+62	<u>174.95</u>	12.3	162.6
+71		10.6	164.3
+87		10.9	164.0
7+00		8.5	166.4
+13		7.9	169.0
+30		4.2	170.7
+50		5.3	169.6
J.P.	8.56	<u>180.86</u>	2.65 172.30
+86.2	M.H. Sta 10+60 on lot line bet Horton & Peterborough.	5.57	175.29

Profile Blatted
Sheet 6-69

Jan 22/10 { Lehigh
Barber
Taylor } 75

2.9
7+8.62
7.8

Canyon line on Loma Pass
bet. Norton & Peterbaugh to Sunset

Sta.	H.I.	Rod	Elev.
0+00	2 m.H. bet. Norton & Peterbaugh, 188.18	12.89	175.29
+50		6.2	187.0
+80		6.5	181.7
+93		9.8	178.4
1+00	15° 56' R	7.5	180.7
+07.2	m.H. on Pueblo line bet. Inspiration Pt. & middle of road.	6.33	181.9
+27		2.7	185.5
+45		5.6	182.6
+50	J.P. 12.33 200.37	3.8	184.2
+72		0.14	188.0
+72		11.9	188.5
+90		14.6	185.8
2+00		14.4	186.0
+20		13.4	187.0
+23		11.6	188.8
+40		7.3	193.1
+50		7.2	193.2

Sheet 2

from lot line
Boulevard

Jan. 24/10
Hildes Barber Taylor 76

Sta.	H.I.	Rod	Elev.
2+75	200.37	8.5	191.9
3+00		7.7	192.7
+08		7.2	193.2
+14.5	48° 04' L	3.17	197.20
+50	m.H. intersection of two tangents on Loma pass.	1.2	199.2
+60		4.3	196.1
+70		3.0	199.4
+84		1.2	199.2
J.P.	12.47 212.71	0.13	200.24
+92		14.9	197.8
4+00		14.4	198.3
+50		7.3	205.4
+98		6.9	205.8
5+00		7.8	204.9
+05		8.7	204.0
+27		7.2	204.5
+44		3.3	209.4

cont. from page 76

Sta.		N.I.	Rod	Elev
		<u>212.71</u>		
5+50			4.7	208.0
6+00			3.4	209.3
+22.5	21° 10' R M.H. at P.C. of Curve. 12.9 #	<u>225.57</u>	2.37	210.3
J.P.			0.08	212.63
+37			9.5	216.1
+44			8.5	217.1
+50			9.9	215.1
J.P.	8.94	<u>233.52</u>	0.89	224.63
+65			7.3	226.2
+74			7.2	226.3
+83.1	M.H. Center Line Pars + Sheridan,		12.67	220.8
+93			6.7	226.8
7+00			6.5	227.0
+50			3.4	230.1
J.P.	13.03	<u>246.45</u>	0.10	233.42
8+00			10.6	235.8
+50			5.1	241.3
J.P.	12.21	<u>258.42</u>	0.24	246.21
+88.95	M.H. 5' South of lot line in Blk.		12.88	245.54
9+00	6		11.6	246.8

Jan 24/10

Childs
Barber 77
Taylor

Sta.		N.I.	Rod	Elev.
		<u>258.42</u>		
9+50			5.8	252.6
J.P.	7.55	<u>265.60</u>	0.37	258.05
10+00			6.8	258.8
+36	M.H. South line of Sunset Blvd.		3.33	262.27

alley in Blk. 2 Inspiration Hts
of Sheridan south 430'

Sta.		Ht.	Rod	Elev.
I.P.	10.00	275.99		265.99
0+00	my H. center of Sheridan		13.40	262.59
+24			12.5	263.5
+26			11.7	264.3
+50			10.0	266.0
1+00			9.1	266.9
+50			7.6	268.4
2+00			7.8	268.2
+50			8.2	267.8
3+00			8.7	267.3
+50			9.1	266.9
4+00			9.3	266.7
+30	I.P. inside circular drive way.		9.62	266.4

from center

Jan 25/10

Lehilds
Barber
Taylor 78

Sheridan ave. from Lema
Howard, Street

Sta.		H.C.	Rod	Elev.
0+00	M.H. center line Pass & Sheridan	<u>233.52</u>	12.67	220.8
+07			6.7	226.8
+50			2.7	230.8
J.P.	12.19	<u>245.70</u>	0.01	233.51
1+00			7.8	237.9
+50			0.8	244.9
J.P.	12.89	<u>258.34</u>	0.25	245.45
2+00			6.5	251.8
+32			2.2	256.1
+50			1.7	256.6
+81.5	M.H. angle 20° 46' R J.P. 11.05	<u>269.31</u>	1.08	257.26
3+00			10.7	257.6
+50			9.6	258.7
4+00			7.2	261.1
+23.5	center 15' alley from blk. 2.		5.62	262.69
+50			3.9	264.4
5+00	F.I. about 38' from Howard		0.7	267.6

Pass to

Jan 25/10

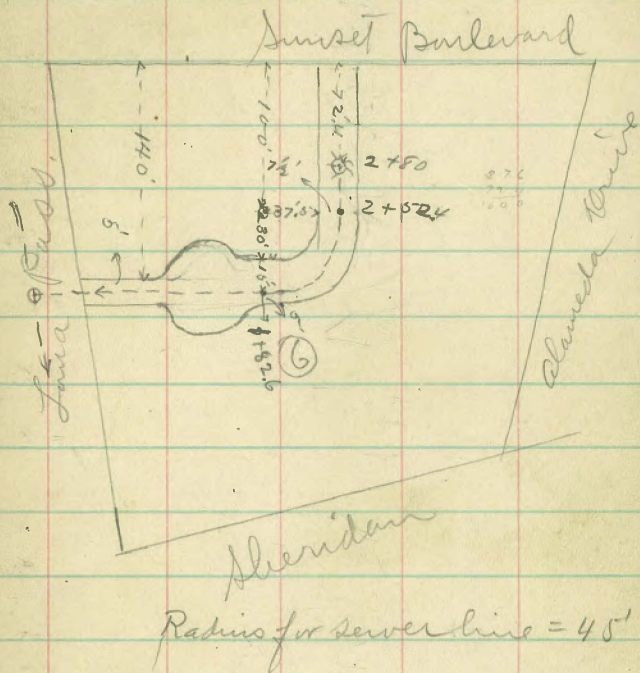
Childs
Barber 79
Taylor

Alley line Blk. 6. Inspiration
Center Louisa pass to sunset

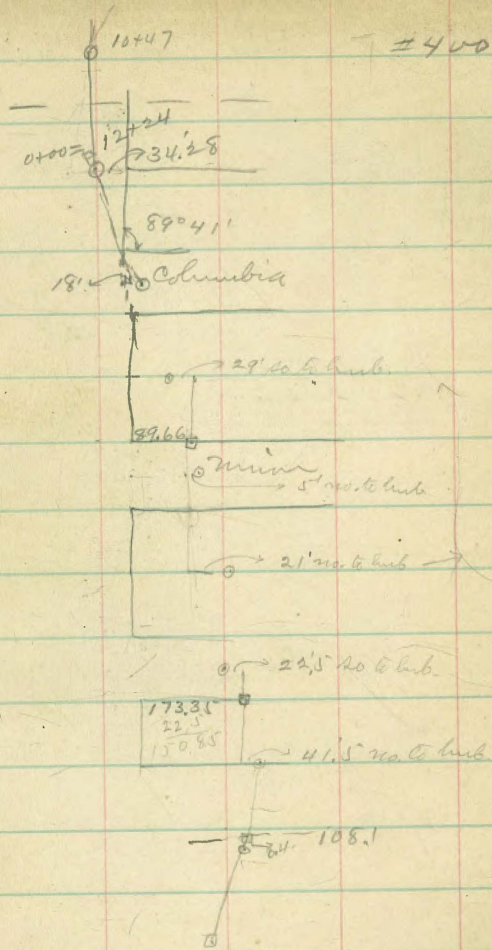
Sta.		H.T.	Rod	Elev.
J.P.		9.87	<u>256.53</u>	246.66
0+00	M.H. center Louisa	10.99	10.99	246.54
+25	Pass ^{1500.7} lot line Blk 6 Sta. 5+55.95		11.0	248.5
+38			3.8	254.7
+10			1.5	258.0
J.P.		12.73	<u>269.04</u>	0.22 256.31
1+00			8.6	260.4
+50			5.9	263.1
+82.6	Pt. of curve 45' Radius		4.49	264.5
2+00			3.4	265.6
+25			1.8	267.2
+52.4	Pt. of curve 45' Radius 2.75'		0.10	268.94
J.P.				<u>271.69</u>
+80	F.I. about 72.4 from Sunset Blvd.		1.7	270.0

Sheet 2-81

Hts. from
Barl. Jan 25/10
Lehigh Barber Target (80)



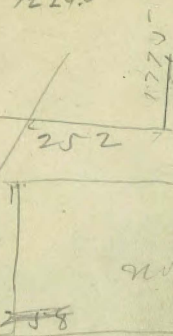
Radius for sewer line = 45'



1231.8
7.80
10.2 451.8 1231.8
7.80
1224.0

295
259.6 scale

199.47
25
200
50
300
50
27.5
900



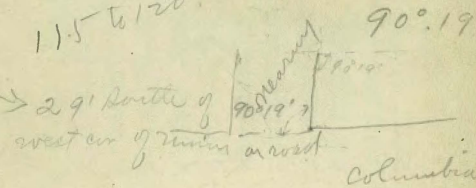
122

247.3

52 51.54
38 38
10.2 9.74
100.2 99.28
946 2
99.74 198.56

well - 80.22
51.44
38
10.2
99.64
2
199.28

11.5 to 120



East of station

135.28
131.95
267.23
129.25
396.48
128.95
522.43
131.39
653.82
140.18
794.00
106.21
900.21

Handwritten calculations and notes on the left page of the notebook, including various numbers, fractions, and small diagrams. Some numbers are circled, such as 118 and 779.

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

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		½ DEGREE.		¼ DEGREE.		⅓ DEGREE.		Degrees.
	Lat.	Dep.	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	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.52	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
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES	½ DEGREE.	¼ DEGREE.	⅓ DEGREE.	DEGREES	½ DEGREE.	¼ DEGREE.	⅓ DEGREE.	