375

IND

F.B.375

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	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	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
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

MICROFILMED DEC 10 1964

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
°		°		°		°	
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

Mins - 230 North of Harasity
5' So. of north line winder
center winder + Horton
12' no. of So. line of winder
65' So of winder Interbaugh
110' So. " " lot line

Columbia Street from Witherby

Sta.			H.I.	Rod	Elev.
J.P.		7.46	94.74		87.28
0+00	F.S. about 25' No. of Harcastity.			0.42	94.32
+25				3.9	90.8
+50				12.5	82.2
J.P.		0.68	82.96	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 Dr.			7.70	75.26
+50				2.6	80.14
J.P.		12.86	95.65	0.17	82.79
J.P.		12.93	108.50	0.08	95.57
2+00				10.8	97.7
J.P.		13.06	120.91	0.65	107.85
+50				3.3	118.6
J.P.		2.68	133.74	0.05	120.86
+75	So. line McKee			6.3	127.4
J.P.		7.47	140.17	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 started Sheet A-52

Harcastity to

Dec. 21/09 { Childs Barber Taylor Evans

Sta.			H.I.	Rod	Elev.
5+50			140.17	3.5	136.7
6+00	F.S. about 25' to of Pringle			5.3	134.9
0+00	F.S. about 25 No. of Pringle		132.00	11.5	128.7
J.P.		4.73		12.90	127.27
+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	119.51	12.61	119.39
+50				1.7	117.8
J.P.		0.01	106.71	12.81	106.70
3+00				3.7	103.0
J.P.		1.75	95.97	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	109.03	0.00	95.97
+50				5.9	103.1

Profile started 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	121.00
+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	188.38	0.15	183.09
+50			4.5	183.9
12+00 F.S. south			1.73	186.65
+25 F.S. north			0.9	187.5

Dec. 21/09 { Childs, Barber, Evans, Taylor

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	163.15
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 M.H. bottom of Canyon			6.48	126.31
+15			11.7	121.1
J.P.	12.65	145.32	0.12	132.67
+50			3.5	141.8
J.P.	12.66	157.29	0.69	144.63
J.P.	12.55	169.80	0.04	157.25
15+00			4.5	165.3
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.	12.55	213.58	1.86	201.03
+75			9.9	203.7
16+00			4.9	208.7
J.P.	6.10	219.67	0.01	213.57
+25			5.5	214.2
+45 F.S. about 22.3 So. of Miller			3.5	216.2

Cont. from page 3

Sta.			H.I.	Rod	Elev.
0+00	B.M. 75' no. of millrun		219.67	3.82	215.45
+50				7.6	212.1
1+00				12.7	207.0
T.P.		0.78	207.73	12.72	206.95
+50				6.5	201.2
T.P.		0.19	195.12	12.80	194.93
2+00				1.4	193.7
+50				9.6	185.5
T.P.		-0.02	182.20	12.90	182.22
3+00				4.0	178.2
+50				10.0	172.2
T.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
T.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 culvert			13.18	143.45
+50				11.7	144.9

Project No. 5

Specifications

Dec, 22/04 { Shields. Barker Tayler

Sta			H.I.	Rod	Elev.
6+00			156.63	9.1	147.5
T.P.		0.20	144.22	12.61	144.02
+50				2.7	141.5
7+00	about 10' dep.			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
T.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 Witherby St.			11.31	125.36

Pueblo, line bet. Jefferson & 60' So. of wright to Sta. 4+75 North

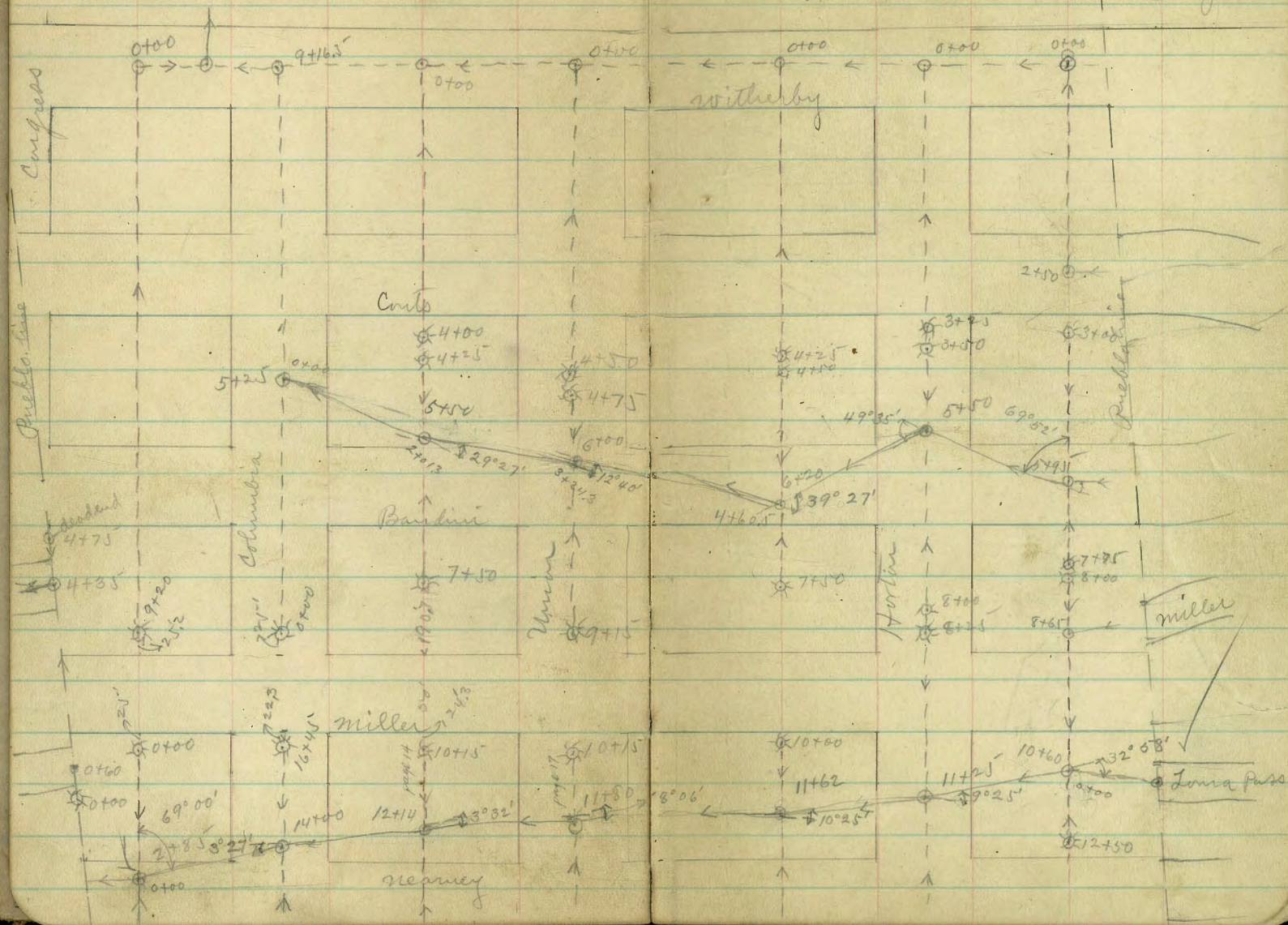
Columbia from of Bandini.

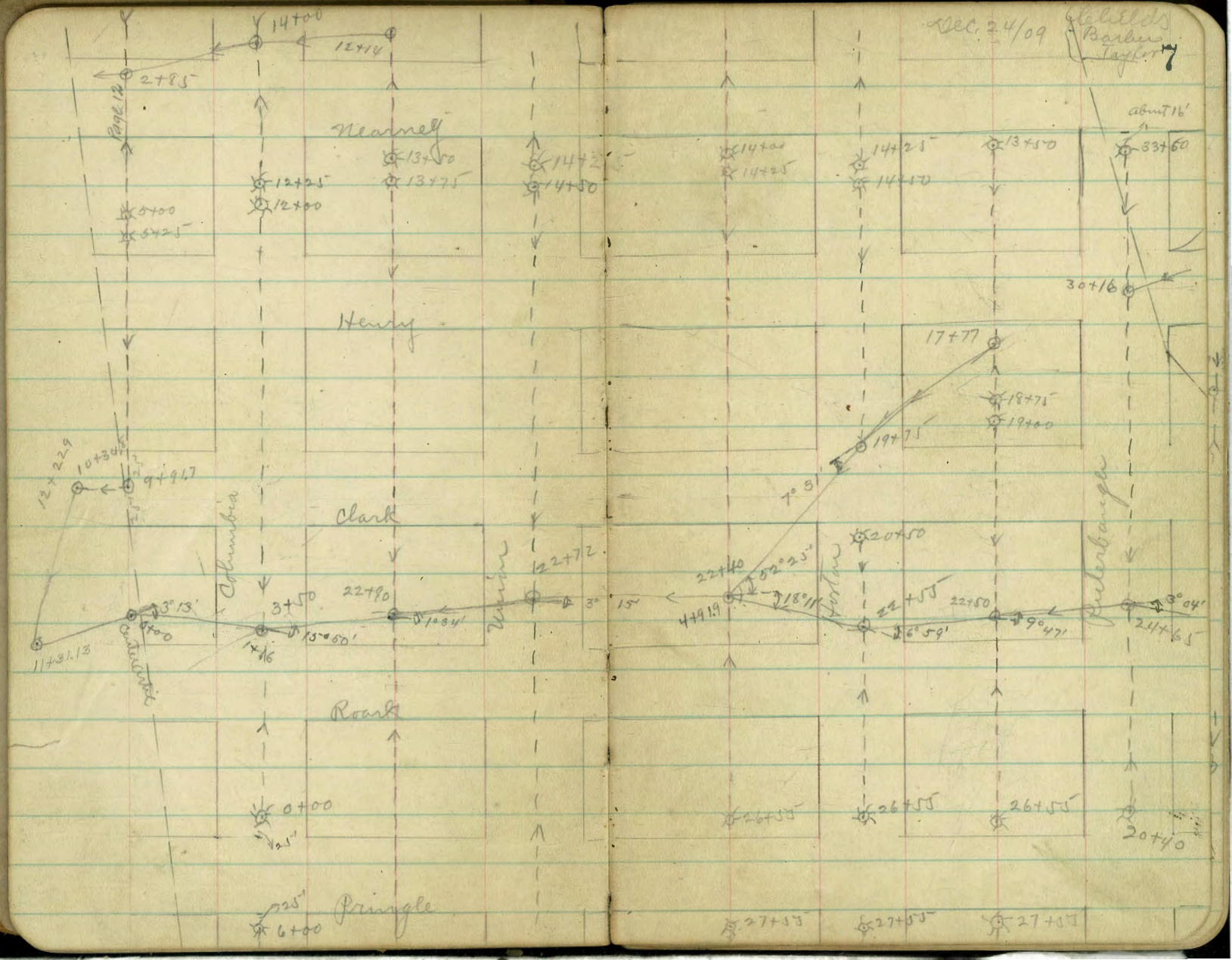
Dec 23/09 { Childs, Barber, Taylor

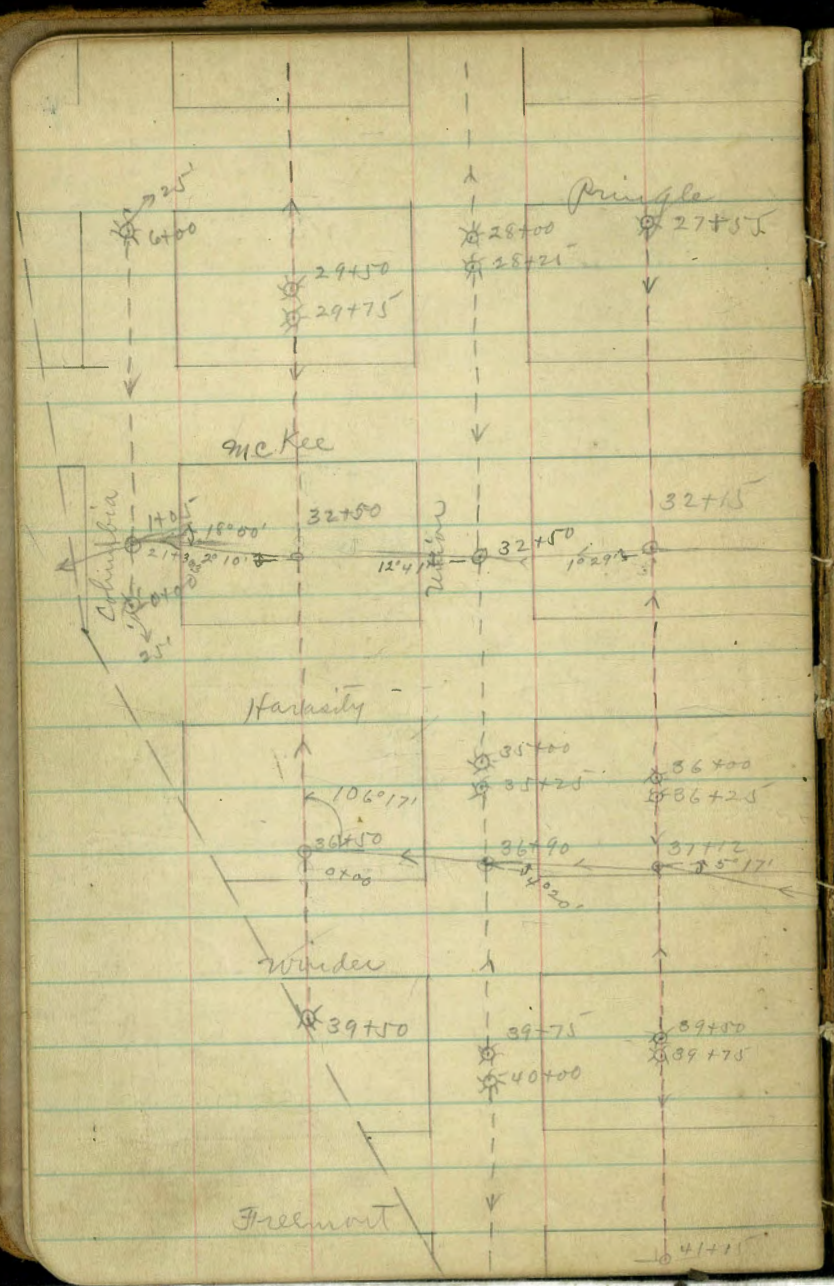
Sta.		H.I.	Rod	Elev.
0+00	F.T. 60' So. of center of wright	198.97	11.6	187.4
+50			9.6	189.4
+60	center wright St.		9.68	189.29
+90			10.7	188.3
1+00			12.3	186.7
J.P.	1.15	187.34	12.78	186.19
+50			8.1	179.2
2+00			13.2	174.1
J.P.	2.14	176.60	12.88	174.46
+50			8.9	167.7
J.P.	2.15	166.51	12.24	164.36
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

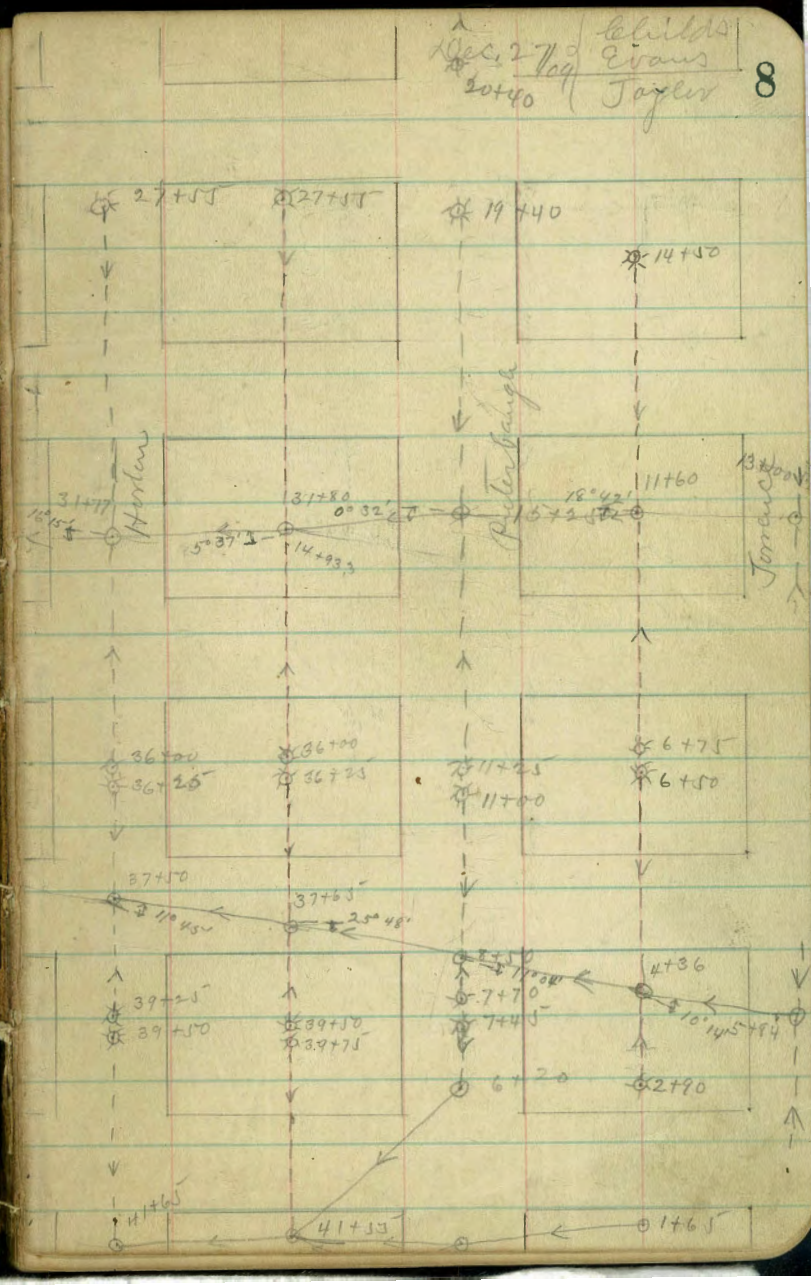
Profile Stalled Sheet A. 53

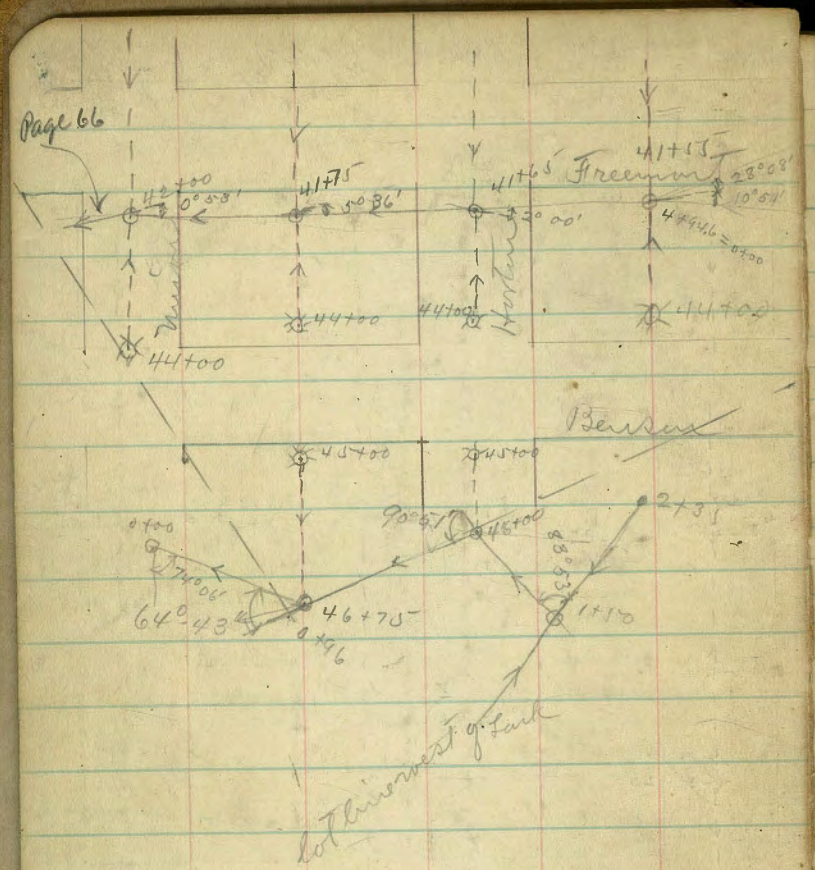
Dec. 23/09 { Childs, Barber, Taylor

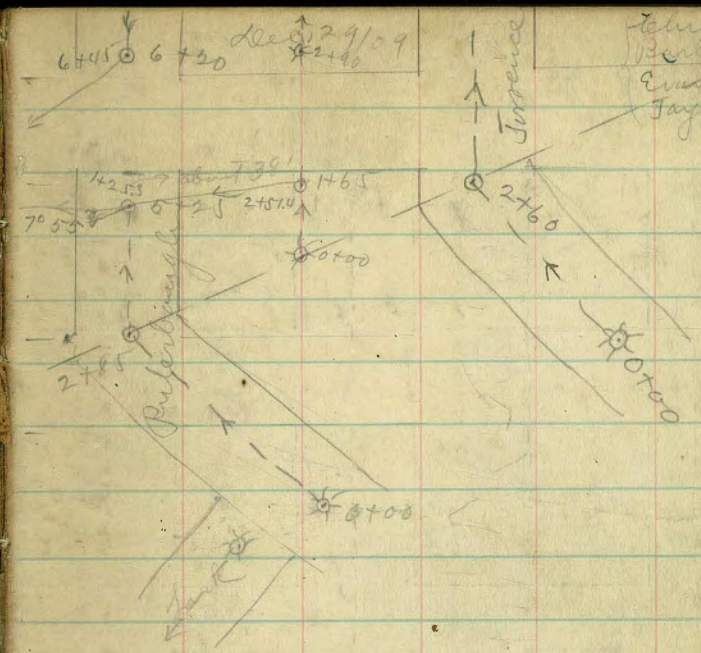



Dec. 24/09
Chelds
Barber
Taylor
7
Nearney
Henry
Clark
Roark
Pringle
Columbia
Union
Centerville
Fortan
Puterbaugh
Page 12
14+00
12+14
2+85
12+25
12+00
13+50
13+75
14+25
14+50
5+00
5+25
10+34.8
9+91.7
12+22.9
11+31.13
3°13'
3+50
1+16
15°50'
22+90
1°34'
22+72
3°15'
0+00
6+00
14+00
14+25
14+25
14+50
13+50
33+60
about 16'
30+16
17+77
18+75
19+00
19+75
7°31'
20+50
22+40
52°25'
4+91.9
18°11'
22+55
22+50
6°59'
9°47'
3°04'
24+65
26+55
26+55
26+55
20+40
27+55
27+55
27+55


Pringle
McKee
Columbia
Union
Harasity
Winder
Freemont
6+00
29+50
29+75
28+00
28+25
27+55
32+50
32+15
35+00
35+25
36+00
36+25
36+50
36+90
37+12
39+50
39+75
40+00
41+15

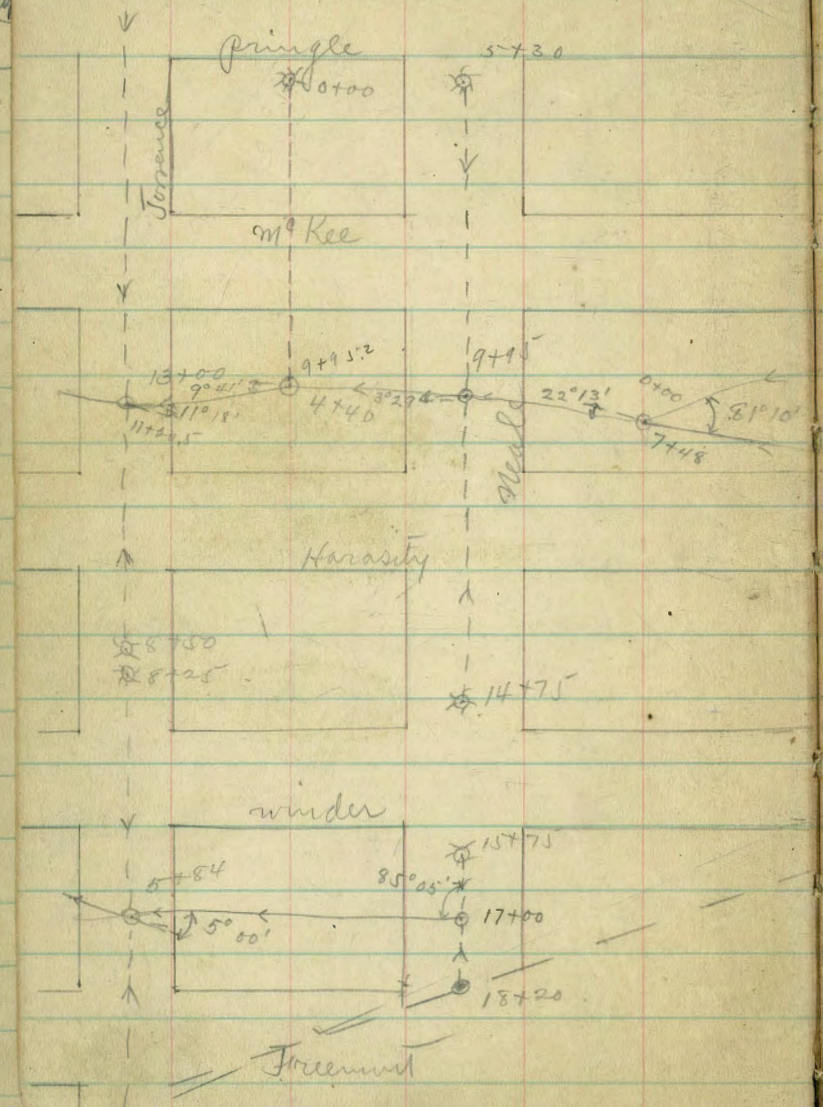

Dec. 27/09
Childs
Evans
Taylor
8
20+40
27+55
19+40
14+50
Horton
Peterbaugh
Torrance
31+77
31+80
11+60
36+00
36+25
11+25
11+00
6+75
6+50
37+50
37+65
39+25
39+50
39+75
7+70
7+45
4+36
6+20
2+90
41+65
41+55
1+65

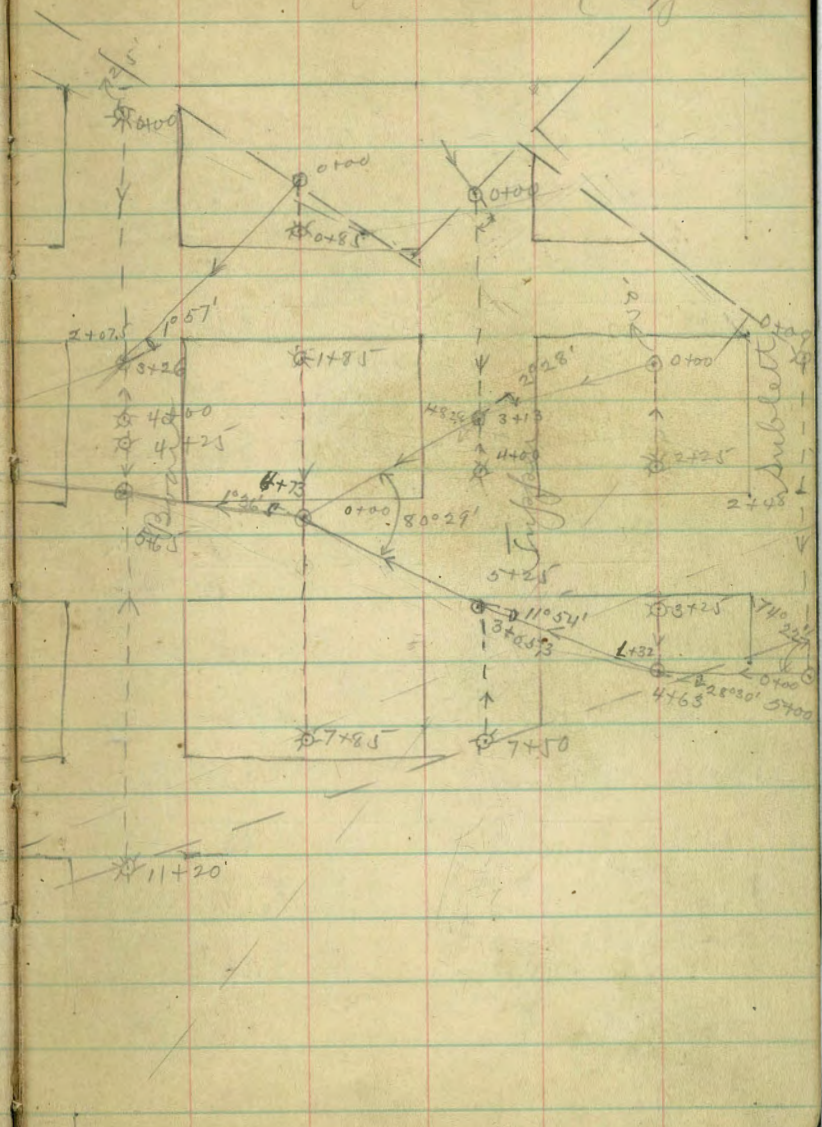

Page 66
42+00
0°58'
41+75
5°36'
41+65
2°00'
41+55
28°08'
10°54'
4+94.6 = 0+00
Freeman
44+00
44+00
44+00
44+00
Benson
45+00
45+00
0+00
74°06'
64°43'
46+75
0+96
90°51'
48+00
88°53'
2+35
1+50
lot line west of Tank


Dec 29/09
6+45
6+20
2+90
Torrence
1+25.3
about 7°39'
1+65
7°55'
6+25
2+51.4
0+00
2+60
2+85
Puferbaugh
0+00
0+00
Tank

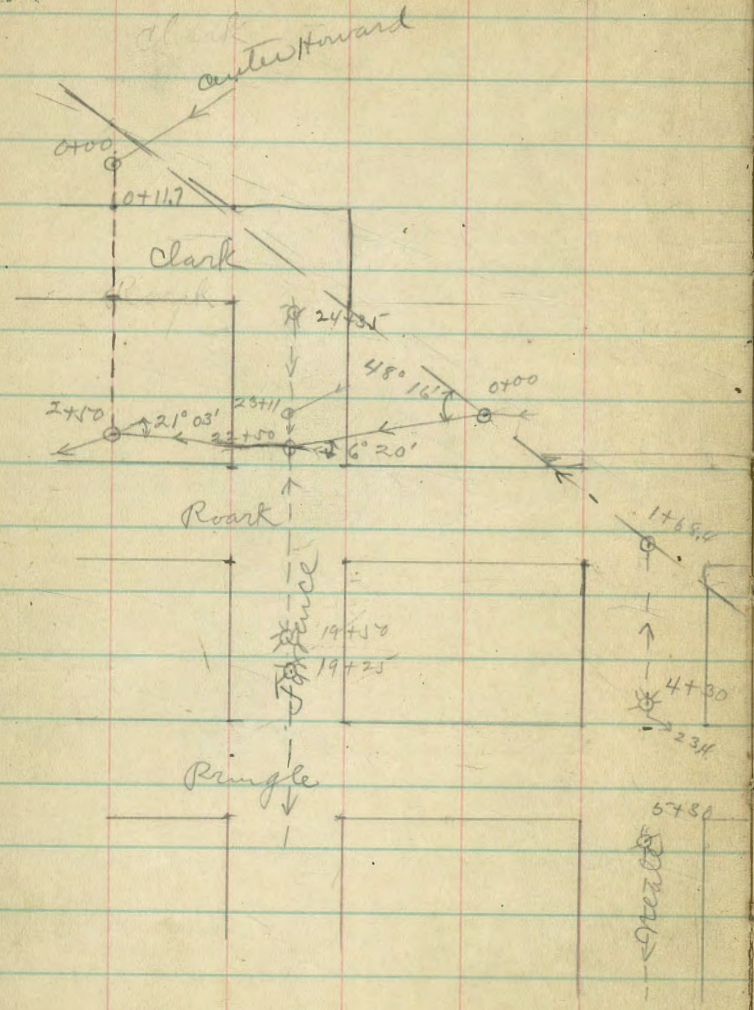
Jan 10/10

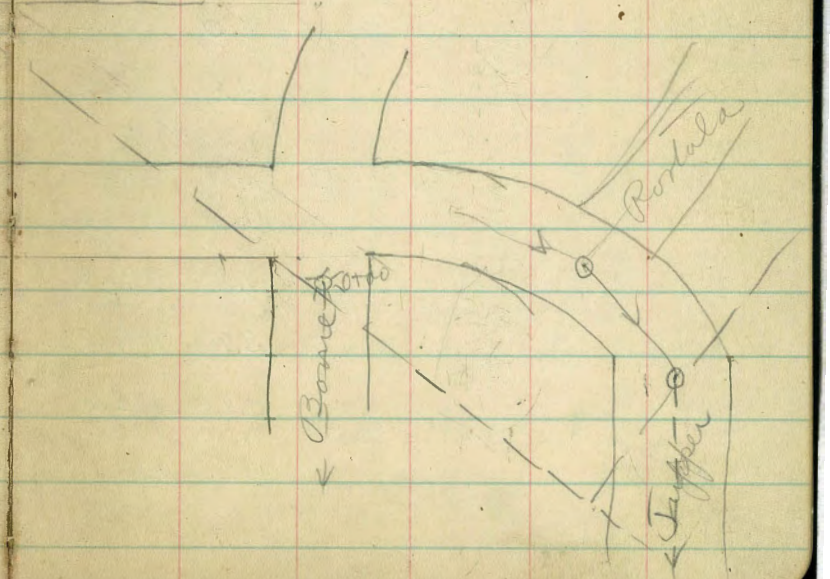
Childs
Barber
Taylor





Jan 17/10 { Childs, Barber, Taylor





Lot line bet. Columbia & Congress from center of Witherby to Clark.

Dec. 23/09 — Childs, Barber, Taylor

Sta.			H.I.	Rod	Elev.
0+00	M.H. center Witherby		136.67	9.84	126.83
+50				11.3	125.4
1+00				8.7	128.0
+50				5.5	131.2
2+00				2.3	134.4
J.P.		12.69	149.22	0.14	136.53
+50				9.6	139.6
3+00				4.6	144.6
J.P.		12.16	161.19	0.19	149.03
+50				8.00	153.2
4+00				4.3	156.9
+50				1.3	159.9
J.P.		12.89	173.77	0.31	160.88
5+00				11.7	162.1
+50				7.5	166.3
6+00				3.9	169.9
+50				1.8	172.0
J.P.		12.80	186.50	0.07	173.70
7+00				12.4	174.1
+50				10.7	175.8

Profile Slatted Sheet A-53-

Sta.			H.I.	Rod	Elev.
8+00			186.50	5.2	181.3
J.P.		12.77	198.97	0.30	186.20
+50				11.7	187.8
9+00				8.9	190.1
+20	F.T. 75.2 no. of miller			6.79	192.18
J.P.					
J.P.		8.56	204.21	3.32	195.65
0+00	F.T. 25 so. of miller			2.2	202.0
+50				1.9	202.3
1+00				6.1	198.1
J.P.		0.06	191.33	12.94	191.27
+30				0.4	190.9
+50				11.8	179.5
J.P.		0.18	178.59	12.92	178.41
J.P.		0.49	166.98	12.10	166.49
J.P.		0.89	155.11	12.96	154.22
2+00				3.5	151.6
J.P.		0.25	142.47	12.89	142.22
J.P.		0.66	130.20	12.93	129.54
+50				3.5	126.7
J.P.		8.06	127.06	11.20	119.00
+85	M.H. bottom of Canyon			10.96	116.10
3+00				14.1	113.0
J.P.		12.65	139.60	0.11	126.95
+50				3.3	136.3
J.P.		12.85	152.44	0.01	139.59
+80		13.06	163.85	1.65	150.79
				11.2	152.6

Profile Slatted Sheet A-54

Dec. 24/09 { Childs, Barber, Taylor

Cont. from page 12

Sta.			H.I.	Rod	Elev.
4+00			163.85	6.7	157.1
+20				1.5	162.3
T.P.		6.64	170.26	0.23	163.62
+50				5.8	164.5
5+00	F.S. north			2.2	168.1
+25	F.S. south			3.10	167.16
+50				4.4	165.9
6+00				7.9	162.4
+50				10.4	159.9
T.P.		0.92	158.63	12.55	157.71
7+00				2.6	156.0
+50				8.5	150.1
8+00				12.6	146.0
T.P.		2.23	148.31	12.55	146.08
+50				6.6	141.7
9+00				10.0	138.3
+50				12.9	135.4
T.P.		0.36	136.33	12.34	135.97
+91.7	M.H. center Clark			2.69	133.64
10+34.8	M.H. on Center Clark + bot line bet. Col. & artic			10.13	126.20

135.4

133.64

L.T. line bet. Columbia & Reno
Witherby to sta. 39+50 near pueblo

Sta.			H.I.	Rod	Elev.
J.P.		6.50	163.14		156.64
0+00	M.H. center of Witherby			12.20	150.94
+50				10.9	152.2
1+00				9.7	153.4
+50				6.6	156.5
2+00				4.9	158.2
+20				5.5	157.6
+50				3.1	160.0
J.P.		12.09	174.49	0.74	162.40
3+00				10.0	164.5
+50				4.8	169.7
4+00	F.S. north			0.8	173.7
+25	F.S. South			1.10	173.39
+50				4.5	170.0
5+00				8.0	166.5
+50	M.H. bottom of Canyon			12.75	161.74
+55				13.4	161.1
+65				16.2	158.3

Profile Notes
Sheet No 55

from Center of line. Dec. 24/09 Chiles. Barber Tayer.

Sta.			H.I.	Rod	Elev.
J.P.		12.67	186.84	0.32	174.17
6+00				12.2	174.6
+30				0.8	186.0
J.P.		12.68	199.15	0.37	186.47
+50				8.5	178.3
J.P.		12.86	211.50	0.57	198.64
7+00				10.6	200.9
J.P.		12.65	224.14	0.01	211.49
+50	F.J. 1907 no. of miller			8.93	215.21
J.P.		4.23	227.20	1.17	222.97
10+15	F.J. About 24.3 do. of miller			5.53	221.67
+25				7.4	219.8
J.P.		0.17	214.45	12.92	214.28
+50				7.7	206.7
J.P.		0.19	201.74	12.90	201.55
J.P.		0.47	189.41	12.80	188.94
11+00				7.7	181.7
J.P.		0.22	176.71	12.92	116.49
J.P.		0.10	163.73	13.08	163.63
+50				6.2	157.5
J.P.		0.35	151.12	12.96	150.77
+82				7.3	143.8
J.P.		6.09	147.78	9.43	141.69
12+00				17.0	130.8
+14	M.H. bottom of Canyon	13.18	160.60	13.17	134.61
J.P.				0.36	147.42
+42				12.1	148.5
+50				7.6	153.0

Cont. - from page 14

Dec. 24/09 { Childs, Barber, Taylor

Sta.			H.I.	Rod	Elev.
T.P.		12.61	172.82	0.39	160.21
T.P.		12.92	185.26	0.48	172.34
13+00				9.8	175.5
T.P.		12.94	197.69	0.51	184.75
T.P.		8.02	205.22	0.49	197.20
+43				4.5	200.7
+50	F.T. north			3.05	202.17
+75	F.T. South			0.8	204.4
14+00				1.5	203.7
+50				3.2	202.0
15+00				6.5	198.7
+50				10.4	194.8
16+00				13.4	191.8
+50				12.5	192.7
17+00				13.2	192.0
T.P.		0.75	192.98	12.99	192.23
			193.00		
+50				5.6	187.4
18+00				8.0	185.0
+50				11.5	181.5
T.P.		0.74	180.99	12.73	180.25
			181.00		
19+00				1.9	179.1
+50				6.7	174.3

Sta.			H.I.	Rod	Elev.
T.P.		0.91	168.87	13.03	167.96
20+00				3.8	165.1
T.P.		0.51	156.69	12.69	156.18
+50				9.0	147.7
T.P.		0.53	144.54	12.68	144.01
21+00				11.8	132.7
T.P.		0.25	131.83	12.96	131.58
+50				11.8	120.0
T.P.		0.01	118.88	12.96	118.87
22+00				11.6	107.3
T.P.		0.07	106.04	12.91	105.97
+50				7.2	98.8
+60				8.6	97.4
T.P.		8.92	103.24	11.72	94.32
+90	M.H. bottom of campus			12.46	90.78
23+00				14.4	88.8
+10				7.2	96.0
T.P.		12.84	115.98	0.10	103.14
+50				1.9	114.1
T.P.		13.00	128.96	0.02	115.96
T.P.		13.02	141.98	0.00	128.96
24+00				10.6	131.4
T.P.		12.49	153.95	0.52	141.46
+50				10.6	143.3
25+00				9.1	144.8
+50				10.1	143.8
26+00				11.2	142.7

Cont. - from page 15

Sta.			H.I.	Rod	Elev
26+50			153.95	7.9	146.0
27+00				4.0	149.9
+50				0.3	153.6
28+00				1.1	152.8
+50				1.1	152.8
29+00				2.0	151.9
+50	F.T. north			2.11	151.8
+75	F.T. south			2.3	151.6
30+00				4.4	149.5
J.P.		1.03	142.93	12.05	141.90
+50				4.1	138.8
J.P.		0.10	130.22	12.81	130.12
31+00				6.0	124.2
J.P.		1.39	119.32	12.29	117.93
+50				7.7	111.6
J.P.		0.64	107.65	12.31	107.01
+65				1.4	106.2
J.P.		1.06	96.17	12.54	95.11
32+00				8.1	88.1
J.P.		9.25	92.57	12.85	83.32
+32				12.4	80.2
+43				15.5	77.1

Dec. 27/09 { Childs / Evans / Taylor

Sta			H.I.	Rod	Elev.
32+50	M.H. bottom of canyon		92.57	12.65	79.92
33+00				5.7	86.9
J.P.		12.39	104.58	0.38	92.19
+50				7.8	96.8
J.P.		11.44	115.79	0.23	104.35
+93				4.4	111.4
34+00				3.9	111.9
J.P.		8.41	124.00	0.20	115.59
+50				5.2	118.8
35+00				1.1	122.9
+50				2.8	121.2
36+00				4.7	119.3
+50	M.H. bottom of canyon			6.66	117.34
37+00				6.5	117.5
+50				1.0	123.0
J.P.		13.25	136.77	0.48	123.52
38+00				8.9	127.9
+50				5.1	131.7
39+00				1.1	135.7
J.P.		6.70	142.93	0.54	136.23
+50	F.T. near pueblo line			1.5	141.4

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

Sta.			H.I.	Rod	Elev.
J.P.		13.05	187.22		174.17
0+00	M.K. corner of Witherby			2.64	184.58
+50				1.0	186.2
J.P.		12.73	198.77	1.18	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				2.8	196.0
J.P.		10.61	208.26	1.12	197.65
+50				6.5	201.8
4+00				3.2	205.1
+50	F.J. North			0.09	208.1
+75	F.J. North			0.2	208.1
5+00				0.0	208.3
+20				2.5	205.8
+50				10.9	197.4
J.P.		-0.01	195.69	12.56	195.70
+75				6.1	189.6

Profile Standard Width 80 ft

Witherby to Dec. 27/09 { Childs, Evans, Taylor

Sta.			H.I.	Rod	Elev.
J.P.		9.65	193.41	1.93	183.76
6+00	M.K. bottom of canyon			11.87	181.54
+07				14.3	179.1
+13				20.0	173.4
+23				12.8	180.6
J.P.		12.77	205.86	0.32	193.09
+50				9.8	196.1
+65				1.0	204.9
J.P.		12.71	218.24	0.33	205.53
7+00				1.8	216.4
J.P.		12.92	231.06	0.80	218.14
+30				8.4	222.7
+50	about 8' deep			4.0	227.1
J.P.		10.12	240.71	0.47	230.59
8+00				6.8	234.9
+50				3.0	237.7
9+00	about 7' deep			3.2	237.5
+15	F.J. North grade			3.46	237.25
J.P.		0.47	228.22	12.96	227.75
10+15	F.J. do. " "			12.0	216.2
J.P.		0.20	215.65	12.77	213.45
+50				9.2	206.4

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.	0.38	178.74	12.62	178.36
	J.P.	0.46	166.67	12.53	166.21
	J.P.	1.77	155.45	12.79	153.68
+50				4.6	150.8
+73				14.3	141.1
+80	M.H. bottom of Canyon			11.05	144.40
12+00				3.9	151.5
	J.P.	12.99	167.70	0.74	154.71
	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	0.67	204.34
13+00				9.7	207.7
+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	H.I. north			1.02	219.0
+50	H.I. south			1.8	218.2
15+00				4.7	215.3
+50				8.3	211.7
16+00				10.4	209.6

Dec. 28/09 — Schields, Barber, Evans, Taylor

18

Sta			H.I.	Rod	Elev.
			220.01		
16+50				11.2	208.8
	J.C.	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	187.3
	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

Carried 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	110.38
J.P.	12.81	136.01	0.02	123.20
+50			9.0	127.0
J.P.	12.56	148.15	0.42	135.59
24+00			3.5	144.6
J.P.	12.79	160.61	0.33	147.82
+50			2.2	158.4
J.P.	10.36	170.97 171.00	0.00	160.61
25+00			9.3	161.7
+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		1.34	169.7
+25	F.S. south		1.8	169.2

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	12.55	158.42
+50			2.5	156.3
J.P.	0.38	146.67	12.52	146.29
30+00			2.1	144.6
J.P.	0.45	134.55	12.57	134.10
+50			1.0	133.6
J.P.	1.06	122.57	13.04	121.51
31+00			1.4	121.2
J.P.	0.29	110.06	12.80	109.77
+50			3.5	106.5
+87			11.1	99.0
J.P.	0.67	98.23	12.50	97.56
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	98.23
J.P.	11.78	122.63	0.29	110.85
+50			11.0	111.6
J.P.	12.14	134.24	0.53	122.10
+85			9.8	124.4

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.T. north			7.9	135.5
+25	F.T. south			7.30	136.1
+50				7.4	136.0
36+00				8.6	134.8
+50				11.2	132.2
+90	M.H. bottom of Canyon			11.10	132.35
37+00				10.5	132.9
+50				3.4	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	154.93
39+00				8.3	158.0
+50				3.0	163.3
+75	F.T. north			2.00	164.3
40+00	F.T. south			2.2	164.1

Dec. 28/09 Childs Barber Evans Taylor

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	137.5
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	123.45
42+00	M.H. 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.T. near pueblo line			0.8	160.3

Sheet A-56

Horton ave. from center of Witherby Street. Dec. 29/09 { Childs, Barber, Evans, Taylor

to sta. 46+00

Sta.			H.I.	Rod	Elev.
J.P.		11.36	248.61		237.25
0+00	M.H. center of Witherby			9.35	239.26
+50				4.0	244.6
1+00				1.2	247.4
+50				4.1	244.5
2+00				6.9	241.7
+50				5.9	242.7
3+00				2.9	245.7
+25	F.J. north			2.60	246.01
+50	F.J. South			2.7	245.9
4+00				5.0	243.6
+40				8.1	240.5
+50				11.2	237.4
J.P.		2.26	239.13	11.74	236.87
+60				7.0	232.1
+85				11.6	227.5
+93				6.3	232.8
5+00				6.0	233.1

Profile placed sheet A-57

Sta.			H.I.	Rod	Elev.
5+50	M.H. bottom of canyon		239.13	7.92	231.21
+70				8.7	230.4
+78				12.0	227.1
+90				6.6	232.5
6+00				5.4	233.7
+50				0.2	238.9
J.P.		12.85	251.89	0.09	239.04
7+00				9.3	242.6
+50				6.7	245.2
8+00	F.J. north			5.1	246.8
+25	F.J. South			5.28	246.6
+50				5.6	246.3
9+00				8.2	243.7
J.P.		0.65	239.64	12.90	238.99
+50				1.6	238.0
+65				4.4	235.2
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
J.P.		1.30	202.74	12.93	201.44
+50				12.5	190.2

Dec. 29/09 { Shields Barber Evans Taylor

cont. - from page 21.

Sta.		H.I.	Rod	Elev.
J.P.	0.26	190.13	12.87	189.87
J.P.	0.29	177.53	12.89	177.24
11+00			10.8	166.7
J.P.	8.67	174.16	12.04	165.49
+15			12.8	161.4
+25	M.H. bottom of Canyon		11.97	162.19
J.P.	12.71	186.67	0.20	173.96
+50			12.2	174.5
J.P.	12.82	199.28	0.21	186.46
J.P.	12.49	211.33	0.44	198.84
12+00			7.6	203.7
J.P.	13.01	224.16	0.18	211.15
J.P.	12.80	236.77	0.19	223.97
+50			12.4	224.4
+75			6.6	230.2
13+00			5.2	231.6
+50			3.2	233.6
J.P.	6.87	243.27	0.37	236.40
14+00			5.1	238.2
+25	F.S. north		4.0	239.3
+40	F.S. south		4.62	238.7
15+00			7.6	235.7
+50			11.4	231.9
T.P.	1.09	231.62	12.74	230.53
16+00			4.5	227.1
+50			10.8	220.8

Sta.		H.I.	Rod	Elev.
T.P.		231.62	12.45	219.17
17+00	0.39	219.56	5.9	213.7
T.P.	0.39	207.20	12.75	206.81
+50			4.5	202.7
T.P.	0.15	194.37	12.98	194.22
18+00			4.8	185.6
+10			6.6	187.8
T.P.	0.25	181.85	12.77	181.60
+30			6.4	175.4
T.P.	0.17	169.24	12.78	169.07
19+00			9.2	160.0
T.P.	1.58	167.94	12.88	166.36
+17			4.4	153.5
+30			15.0	142.9
T.P.	1.77	147.56	12.15	145.79
+75	M.H. bottom of Canyon		3.06	144.50
20+50	F.S. south		0.86	146.7
21+00			5.9	141.7
+50			10.8	136.8
T.P.	0.60	135.25	12.91	134.65
+80			6.1	141.15
22+00			12.6	127.6
T.P.	1.38	124.49	12.16	123.09
+25			8.0	116.5

Cont. from page 22 HI. 124.47

Sta.				Rod	Elev.
22+35				13.7	110.8
+43				10.8	113.7
+50				10.7	113.8
+55	M.H. bottom of			10.55	113.92
T.P.	campfire	12.87	137.04	0.30	124.17
23+00				6.8	130.2
T.P.		12.84	149.79	0.09	136.95
T.P.		12.95	162.73	0.01	149.78
+50				11.2	151.5
T.P.		12.98	175.70	0.01	162.72
24+00				1.4	174.3
T.P.		13.00	188.68	0.02	175.68
+20				6.5	182.2
T.P.		12.89	201.31	0.26	188.42
+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	F.S. north of			2.63	198.7
	Pringle				
27+55	F.S. So. of Pringle			2.8	198.5

14 9.78 = 1.295 = 12.73 Jan 3/10 { Schields Barber Taylor

Sta			H.I.	Rod	Elev.
			201.31		
28+00				5.5	196.8
+35				11.0	190.3
T.P.		0.06	188.62	12.75	188.56
+50				3.0	185.6
J.P.		0.41	176.09	12.94	175.68
29+00				5.9	171.2
J.P.		0.39	163.58	12.90	163.19
+50				6.3	157.3
J.P.		0.93	151.98	12.56	151.02
30+00				4.9	147.0
J.P.		0.72	140.33	12.34	139.61
+50				4.6	135.7
+60				7.0	133.3
J.P.		0.39	128.41	12.81	128.02
31+00				8.0	120.4
J.P.		0.45	116.14	12.72	115.69
+18				1.2	115.9
J.P.		3.74	107.39	12.49	103.65
+50				3.0	104.4
+60				8.5	98.9
+72				14.7	92.7
+77	M.H. bottom of			11.07	95.88
	campfire				
32+00				6.8	100.6
J.P.		11.73	119.06	0.06	107.33
+50				9.9	109.2

Cont. from page 23

Sta.		H.I.	Rod	Elev.
J.P.	12.43	131.33	0.16	118.90
33+00			6.5	124.8
J.P.	12.33	143.64	0.02	131.31
J.P.	12.76	156.40	0.00	143.64
+50			8.9	147.5
J.P.	12.15	168.05	0.00	156.20
+73			8.6	160.0
34+00			3.2	165.4
J.P.	13.06	181.53	0.08	168.47
+50			8.7	172.8
35+00			0.5	176.0
+50			3.1	178.4
36+00	F.S. north		0.26	181.2
+25	F.S. 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	162.85	12.84	156.65
37+00			14.3	148.5
+50	M.H. bottom of Canyon		12.77	150.08
+70			2.3	160.5
J.P.	12.69	175.54	0.00	162.85
38+00			2.6	172.9
J.P.	12.66	188.11	0.09	175.45
+50			0.0	188.1

Sta.		H.I.	Rod	Elev.
J.P.	8.38	196.49	0.00	188.11
38+70			4.2	192.3
39+00			2.5	194.0
+25	F.S. north		1.23	195.2
+50	F.S. 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	171.49	12.99	171.29
41+00			9.7	161.8
J.P.	0.27	158.88	12.88	158.61
J.P.	6.05	152.30	12.63	146.25
+40			12.2	140.1
+50			12.8	139.5
+65	M.H. bottom of Canyon		13.20	139.10
J.P.	13.46	164.92	0.04	152.26
42+00			6.9	158.0
+10			1.3	163.6
J.P.	11.95	176.85	0.02	164.90
+40			3.0	173.8
+50			0.4	176.4
J.P.	12.75	189.44	0.14	176.71
43+00			2.6	186.8

See page 30

Lot line bet. Horton & Union from center of Benson

Witherby to Sta. 46+75 South of

Dec. 30/09 { Childs, Barb, Taylor

Sheet R-58

Sta.			H.I.	Rod	Elev.
J.P.		8.43	233.66	12.36	225.23
0+00	M.H. Center of			12.80	220.86
J.P.	Witherby	7.00	237.59		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.T. north			0.50	237.1
+50	F.T. South			1.8	235.8
5+00				3.7	233.9
+20				6.1	231.5
J.P.		0.65	225.21	13.03	224.56
+50				1.2	224.0
+73				5.9	219.3
J.P.		0.12	212.39	12.94	212.27
6+00				10.0	202.4

Sta.			H.I.	Rod	Elev.
6+12			212.39	20.0	192.4
+20	M.H. bottom of			12.85	199.54
J.P.	Canyon	12.70	224.97	0.12	212.27
+50				8.2	216.8
J.P.		12.91	237.88	0.00	224.97
+75				11.7	226.2
7+00				6.9	231.0
J.P.		6.51	244.29	0.10	237.78
+50	F.T. north			5.92	238.4
J.P.		0.44	231.80	12.93	231.36
10+00	F.T. South about 20' So. of miller			0.9	230.9
+12				4.1	227.7
J.P.		0.31	219.09	13.02	218.78
+50				11.4	207.7
J.P.		0.42	206.61	12.90	206.19
J.P.		0.49	194.41	12.69	193.92
J.P.		1.26	182.75	12.92	181.49
11+00				4.2	178.5
J.P.		0.50	170.47	12.78	169.97
J.P.		7.93	165.93	12.47	158.00
+50				10.8	155.1
+62	M.H. bottom of Canyon			11.76	154.17
+68				12.3	153.6
+75				14.8	151.1
J.P.		12.49	178.42	0.00	165.93
12+00				12.7	165.7
J.P.		12.56	190.85	0.13	178.29
J.P.		12.67	203.42	0.10	190.75
+50				8.1	195.3

Cont- from page 25

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

Dec. 30/09 { Schilds Barber Taylor } 26

Sta		B.S.	H.I.	Rod	Elev.
	J.P.	0.23	182.79	12.89	182.56
19+50				11.3	171.5
	J.P.	0.17	169.94	13.02	169.77
		0.05	157.34	12.65	157.29
20+00				1.8	155.5
	J.P.	0.24	144.33	13.03	144.91
+50				2.6	142.0
21+00				11.8	132.8
	J.P.	1.33	133.00	12.88	131.67
+50				9.2	123.8
	J.P.	1.21	121.54	12.67	120.33
+75				3.0	118.5
22+00				13.0	108.5
+10				17.4	104.1
X +40	M.H. bottom of canyon			13.18	108.36
+50				12.3	109.7
	J.P.	12.82	134.08	0.28	121.26
23+00				10.3	123.8
	J.P.	13.00	147.06	0.02	134.06
+50				4.0	143.1
	J.P.	13.05	159.94	0.17	146.89
	J.P.	12.98	172.84	0.08	159.86
24+00				11.3	161.5
	J.P.	11.23	184.04	0.03	172.81
+50				8.3	175.7
25+00				5.1	179.9
+50				4.3	179.7

Jan 31/10 {Shields Barber Taylor}

Cont. from page 26

Sta.		H.I.	Rod	Elev.
26+00		184.04	3.4	180.6
+50			2.6	181.4
+55	F.S. north gringle		2.39	181.6
T.P.	2.59	185.68	0.95	183.09
27+55	F.S. South of Pringle		1.6	184.1
28+00			3.0	182.7
+50			7.9	177.8
T.P.	0.44	173.15	12.97	172.71
29+00			6.4	166.7
T.P.	0.04	160.31	12.88	160.27
+50			6.4	153.9
T.P.	0.62	148.20	12.73	147.58
30+00			4.5	143.7
+25			10.3	137.9
T.P.	0.29	135.76	12.73	135.47
+50			6.2	129.6
+75			13.1	122.7
T.P.	0.51	123.29	12.98	122.78
31+00			8.4	124.9
+20			13.2	110.1
T.P.	1.00	111.31	12.98	110.31
+50			12.1	99.2

Sta.		H.I.	Rod	Elev.
T.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
T.P.	12.68	115.82	0.14	103.14
T.P.	12.27	128.04	0.05	115.77
33+00			7.4	120.6
T.P.	11.79	139.75	0.08	127.96
+50			7.3	132.4
+70			3.7	136.0
T.P.	12.97	152.60	0.12	139.63
34+00			7.6	145.0
+35			0.6	152.0
T.P.	8.40	160.90	0.10	152.50
+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, Taylor} 28

Sheet A 58

Sta.			H.I.	Rod	Elev.
J.P.		4.33	152.34	12.89	148.01
36+62				4.5	147.8
+77				13.3	139.0
37+00				13.6	138.7
+12	M.H. bottom of Canyon			13.71	138.63
+40				11.3	141.0
+45				5.3	147.0
+50				3.1	149.2
J.P.		12.81	165.10	0.05	152.29
+65				10.3	154.8
+70				6.1	159.0
J.P.		11.30	176.34	0.06	165.04
38+00				10.2	166.1
+50				3.2	173.1
J.P.		6.62	182.84	0.12	176.22
39+00				5.3	177.5
+50	Ft. T. north			2.3	180.5
+75	Ft. T. South			2.85	180.0
40+00				4.8	178.0
+50				11.8	171.0

Sta.			H.I.	Rod	Elev.
J.P.		0.91	170.88	12.87	169.97
40+80				6.3	164.6
J.P.		0.42	158.63	12.67	158.21
41+00				1.7	156.9
J.P.		0.12	145.82	12.93	145.70
+50				9.9	135.9
J.P.		6.61	140.14	12.29	133.53
+75	M.H. bottom of Canyon			13.11	127.03
+85				12.8	127.3
42+00				5.3	134.8
J.P.		12.42	152.39	0.17	139.97
+35				0.2	152.2
J.P.		12.84	165.03	0.20	152.19
+50				9.5	155.5
J.P.		12.85	177.31	0.57	164.46
43+00				8.9	168.4
+50				2.7	174.6
J.P.		4.15	180.30	1.16	176.15
44+00	Ft. T. north of Benson			1.95	178.4
45+00	Ft. T. South of Benson			1.1	179.2
+20				3.5	176.8
J.P.		0.24	167.61	12.93	167.37
+50				1.5	166.1
J.P.		0.97	156.51	12.07	155.54
45+80				3.9	152.6

Jan 5/10 { Childs. Barber Taylor

Cont. from page 28

Sta.		Ht.	Rod.	Elev.
46+00		156.51	6.6	149.9
+50			7.3	149.2
+75	M.H. bottom of Canyon		7.40	149.11

12.86
143.65 T.P.
4.98
148.63
7.55
141.08 T.P. turb.

Profile plotted sheet 9-58

Cont. - from page 24

Jan 5/10 { Childs, Barber, Taylor

Sta.			H.I.	Rod	Elev.
T.P.		9.83	199.21	0.06	189.38
43+50				4.1	195.1
44+00	F.T. north of Benson			-0.2	199.4
T.P.		0.13	186.68	12.66	186.55
45+00	F.T. south of Benson			2.6	184.1
T.P.		0.51	174.52	12.67	174.01
+50				3.0	183.7
46+00	N.H. bottom of Canyon			9.36	165.16

Profile Plotted Sheet A-57

Lot. line East. of Hinton bet. Pu
Center of Withersby to Sta. 44+00

Sta.		H.I. 255.49	Rod	Elev. 246.01
J.S.		9.48		
0+00	M.H. Center of Withersby		9.95	245.54
+50			6.0	249.5
1+00			4.6	250.9
+50			3.7	251.8
2+00			2.1	253.4
+50	M.H. New Center of Curbs.		1.02	254.47
3+00	F.S. South		1.3	254.2
+50			4.1	251.4
4+00			4.8	250.7
+50			5.5	250.0
5+00			7.2	248.3
+50			8.0	247.5
+95	M.H. about center of Barnard		7.67	247.82
6+00			7.6	247.9
+50			7.0	248.5
7+00			4.5	251.0

Provide planted West side

Terbaugh & Hinton from

Jan. 4/10 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
7+50	F.S. North	255.49	2.8	252.7
+75			1.73	253.8
8+00	F.S. North		2.3	253.2
+50			7.8	247.7
+65	M.H. for center of		10.38	245.11
J.S.	miller in Dimpleton	0.88 — 245.91		
9+00	Heights		6.1	239.8
+20			9.6	236.3
J.S.		0.28 233.21	12.98	232.73
+50			11.6	221.6
J.S.		0.66 220.97	12.90	220.31
J.S.		0.42 208.39	12.80	208.17
10+00		0.25 196.10	12.74	198.85
J.S.		3.89 187.30	1.7	194.4
+50			12.69	183.41
+55			13.8	173.5
+60	M.H. bottom of campion		14.8	172.5
J.S.		12.72 199.55	12.30	175.00
11+00			0.47	186.83
J.S.		12.82 212.13	8.9	190.6
+50		12.49 224.62	0.24	199.31
J.S.		12.78 237.33	0.00	212.13
+95			14.0	210.6
			0.07	224.53
			4.7	237.6
12+00			3.4	233.9
J.S.		11.70 248.87	0.16	237.17
+50	F.S. north of near way		8.4	240.5

Cont. from page 31

Sta.			H.I.	Rod	Elev.
13+50	F.T. south of nearness		248.87	3.74	245.1
14+00				3.6	245.3
+50				7.6	241.3
J.P.		0.87	237.04	12.70	236.17
15+00				1.7	232.3
+50				8.4	228.6
J.P.		0.84	225.20	12.68	224.36
16+00				5.4	219.8
J.P.		0.15	212.72	12.63	212.57
+50				4.7	208.0
J.P.		0.29	200.48	12.53	200.19
17+00				6.7	193.8
J.P.		0.45	187.86	13.07	187.41
+50				6.9	181.0
+60				10.0	177.9
+68				14.8	173.1
+77	M.H. bottom of Campus			13.95	173.91
18+00				11.2	176.7
+50				7.4	180.5
+75	F.T. north			6.7	181.2
19+00	F.T. south			7.50	180.4

Jan 4/10 Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
19+50			187.86	11.5	176.4
J.P.		0.67	175.62	12.91	174.95
20+00				4.2	171.4
+50				9.4	166.2
J.P.		1.17	163.87	12.92	162.70
21+00				3.4	160.5
J.P.		0.16	151.01	13.02	150.85
+50				0.6	150.4
J.P.		0.46	138.57	12.90	138.11
22+00				6.9	131.7
+15				13.1	125.5
J.P.		1.18	132.99	12.76	125.81
+35				14.5	128.5
+50	M.H. bottom of Campus			12.17	120.82
J.P.		12.77	145.70	0.06	132.93
23+00				2.8	142.9
J.P.		13.04	158.74	0.00	145.70
J.P.		13.06	171.67	0.13	158.61
+50				8.4	163.3
J.P.		12.67	184.09	0.25	171.42
J.P.		12.75	196.71	0.13	183.96
24+00				7.7	189.0
J.P.		12.21	208.84	0.08	196.63
+30				9.2	199.6
+50				4.9	203.9
J.P.		10.42	218.08	1.18	207.66
25+00				7.4	210.7
+50				3.3	214.8

Cont. from page 32

Sta.			H.I.	Rod	Elev.
26+00			218.08	2.3	215.8
+50				1.3	216.8
+55	F.S. north of Pringle			1.50	216.6
27+55	F.S. So. of Pringle			5.3	212.8
28+00				10.7	207.4
J.P.		0.15	205.22	13.01	205.07
+15				0.2	205.0
+50				12.1	193.1
J.P.		0.14	192.46	12.80	192.32
J.P.		0.09	179.56	12.99	179.47
29+00				2.2	177.4
J.P.		0.27	167.12	12.71	166.85
+50				3.4	163.7
+80				9.2	1579
J.P.		0.88	155.09	12.91	154.21
30+00				2.8	152.3
J.P.		0.77	143.12	12.74	142.35
+50				5.4	137.7
J.P.		0.26	130.45	12.93	130.19
31+00				6.1	124.3
+20				11.0	119.4
J.P.		0.55	118.10	12.90	117.55
+50				13.0	105.1

Jan 7/10 { Shields Barber Taylor

33

Sta.			H.I.	Rod	Elev.
J.P.		8.54	113.71	12.93	105.17
31+65				11.5	102.2
+72				14.1	99.6
+80	M.H. Bottom of Canyon			11.19	102.52
32+00				6.6	107.1
J.P.		12.35	125.96	0.10	113.61
+50				9.7	116.3
J.P.		12.42	138.38	0.00	125.96
33+00				7.6	130.8
J.P.		12.95	151.33	0.00	138.38
J.P.		13.02	164.18	0.17	151.16
+50				8.3	155.9
J.P.		12.99	177.17	0.00	164.18
J.P.		12.92	190.08	0.01	177.16
34+00				7.6	182.5
+10				2.8	187.3
J.P.		13.24	203.29	0.03	190.05
+50				11.0	192.3
35+00				5.8	197.5
+50				2.5	200.8
36+00	F.S. north			0.6	202.7
+25	F.S. South			0.05	203.2
+43				1.3	202.0
+50				3.7	199.6

Cont. - from page 33

Sta.			H.I.	Rod	Elev.
J.P.		0.52	191.07	12.74	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	197.39	0.07	184.77
+50				2.4	195.0
J.P.		13.18	210.56	0.01	197.38
+75				7.1	203.5
39+00				2.5	208.1
+50	F.T. north			0.15	210.4
+75	F.T. South			1.0	209.6
40+00				3.3	207.3
+40				11.2	199.4
J.P.		0.11	197.70	12.97	197.59
+50				2.1	195.6
J.P.		0.33	185.06	12.97	184.73
J.P.		1.25	173.44	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

Jan 7/10 { Childs, Barber, Taylor

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.		12.89	177.52	0.01	164.63
42+00				1.5	176.0
J.P.		12.68	190.20	0.00	177.52
J.P.		12.79	202.95	0.04	190.16
+35				11.5	191.4
+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.T. north of Benson			3.13	223.57

223.57
12.97
236.54 H.I.
0.31
236.23 J.P.
12.00
249.23 H.I.
0.03
249.20 J.P. *
12.99
262.19 H.I.
0.14
262.05 J.P.
5

Profile Plotted
Sheet A-59

Lark St. line from Puterbaugh to sta 6+70 south of willows.

Jan 7/10 { Childs, Barber, Taylor

sta.			H.I.	Rod	Elev
J.P.		5.56	267.61		262.05
0+00	F.S. 25' so. of Puterbaugh			1.20	266.41
+50				4.0	263.6
1+00				8.3	259.3
J.P.		0.09	254.88	12.82	254.79
+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	242.30
3+00				4.2	238.6
+50				9.5	233.3
J.P.		0.17	230.05	12.92	229.88
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

sta.		H.I.	Rod	Elev.
6+70	F.S. at pueblo line	230.05	11.02	219.0

Profile plotted Sheet 2-61

Willow Street from Center Lark west
To Center of Union.

Jan 8. /10 { Childs Barber Taylor

Sta.					
0+00	M.H. Center Lark			12.65	217.40
J.P.		0.40	217.80		
+50				12.0	205.8
J.P.		0.56	205.47	12.89	204.91
+60				2.3	203.2
J.P.		1.27	193.84	12.90	192.57
J.P.		0.34	181.65	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	151.9
+32				11.0	145.1
+37				8.4	147.7
+50				8.5	147.6
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

2130

440

Profile plotted Sheet No 62

40.95

Lot. line West of Lark.
from 25' north of Willow to pueblo line

Jan 8/10

Childs
Barber
Taylor

37

Sta.		H.I.	Rod	Elev.
T.P.	12.54	189.39		176.85
0+00	F.S. 25 north of willow.		0.05	189.3
+50			3.6	185.8
1+00			8.0	181.4
+30			9.0	180.4
+50	M# bottom of canyon		12.54	176.85
2+00			7.8	181.6
+35	dead end.		4.1	185.3

8.08
181.31

Profile plotted.
Sheet A. 62

Canyon line from sta. 23+00 on Union St.
to sta 1+50 on lot line west of Park street.

Jan, 8/10

{Childs
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		1.05	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

Profile Tablet
Sheet A-62

Puterbaugh St. from near East line Park to Jan 10/10 {Childs Barber Taylor

Sta 33+50 near Kearney.

Sta.			H.I.	Rod	Elev.
T.P.		4.22	270.63		266.41
0+00	F.S. near east line of Park in center of Puterbaugh			1.8	268.8
+50				3.4	267.2
1+00				5.7	264.9
+50				8.7	261.9
T.P.		0.61	258.28	12.96	257.67
2+00				2.4	255.9
+50				10.0	248.3
T.P.		0.34	245.59	13.03	245.25
+85	M.H. angle of Puterbaugh			0.70	244.9
3+00				1.7	243.9
+50				5.4	240.2
T.P.		0.63	233.33	12.89	232.70
4+00				3.7	229.6
T.P.		0.32	220.68	12.97	220.36
+16				6.4	214.3
T.P.		0.20	207.88	13.00	207.68
+50				10.1	199.8
T.P.		0.99	195.94	12.93	194.95
T.P.		0.74	183.74	12.94	183.00
+80				3.4	180.3
5+00				10.8	172.9
+05				11.8	171.9
+25	M.H. bottom of Canyon			8.52	175.22

Office plotted Sheet A-60

Sta.		H.I.	Rod	Elev.
6+20	M.H. bottom of Canyon	183.74	10.11	173.63
+50			11.7	172.0
+55			12.4	171.3
T.P.	12.84	196.47	0.11	183.63
7+00			5.5	191.0
T.P.	12.95	209.38	0.04	196.43
T.P.	9.50	218.88	0.00	209.38
+30			6.3	212.6
+45	F.S. South		1.88	217.00
+70	F.S. north		3.0	215.9
+75			5.1	213.8
T.P.	0.06	205.88	13.06	205.82
8+00			9.4	196.5
T.P.	0.56	193.58	12.86	193.02
T.P.	2.73	184.28	12.03	181.55
+42			17.5	172.8
+50	M.H. bottom of Canyon		11.63	172.65
+60			12.0	172.3
+90			0.6	183.7
9+00			0.5	183.8
+20			2.8	181.3
+35			9.3	175.0

Jan 10/10 { Shields Barber Taylor

Cont. from page 39

Sta.			H.I. 184.28	Rod	Elev.
9+50				1.5	182.8
T.P.		12.85	197.06	0.07	184.21
T.P.		12.83	209.87	0.02	197.04
+85				12.4	197.5
10+00				7.5	202.4
T.P.		12.52	221.38	0.01	209.86
+35				11.0	211.4
+50				4.2	218.2
T.P.		6.98	229.36	0.00	222.38
+70				3.0	226.4
11+00	F.S. South			0.71	228.7
+25	F.S. North			2.5	226.9
+50				4.3	225.1
12+00				11.6	217.8
T.P.		0.43	216.91	12.88	216.48
+50				7.8	209.1
T.P.		0.34	204.29	12.96	203.95
+88				3.3	201.0
+96				9.5	194.8
T.P.		0.30	191.53	13.06	191.23
13+00				3.7	187.8
+10				11.1	180.4
T.P.		0.14	178.68	12.99	178.54
T.P.		0.25	165.95	12.98	165.70
+50				8.0	157.9

Sta			H.I.	Rod	Elev.
T.P.		0.53	158.74	12.74	153.21
13+75				6.3	147.4
T.P.		0.42	141.26	12.90	140.84
14+00				1.3	140.0
+50				12.5	128.8
T.P.		0.18	128.57	12.93	128.38
+60				1.2	127.3
T.P.		5.50	121.28	12.73	115.78
15+00				6.3	115.0
+25	m.H. bottom of canyon			11.46	109.82
+85				14.0	107.3
+50				12.5	108.8
+75				9.2	117.1
T.P.		12.46	133.72	0.02	121.26
16+00				11.5	122.2
T.P.		12.15	145.85	0.02	133.70
+50				6.4	139.4
T.P.		12.62	158.42	0.05	145.80
17+00				1.7	156.7
T.P.		12.90	171.31	0.01	158.41
+25				6.9	164.4
+50				2.5	168.8
T.P.		12.75	183.98	0.08	171.23
18+00				0.9	183.1
T.P.		12.65	196.56	0.07	183.91
T.P.		12.77	209.32	0.01	196.55
+50				10.3	199.0

Cont. from 40

Sta.			H.I.	Rod	Elev.
J.P.		12.43	221.69	0.06	209.26
19+00				5.3	216.4
J.P.		9.71	231.13	0.27	221.42
+40	F.T. south of Pringle			8.9	222.2
			231.13		
20+40	F.T. 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	218.46	12.72	218.41
+50				2.8	215.7
+60				4.6	213.9
+72				9.9	208.6
J.P.		0.02	206.12	12.36	206.10
J.P.		0.70	194.35	12.47	193.65
23+00				4.9	189.4
J.P.		0.14	181.61	12.88	181.47
+50				6.1	175.5
J.P.		0.42	169.47	12.56	169.05
+75				3.3	166.2
J.P.		0.22	156.79	12.90	156.57
24+00				3.3	153.5

Jan 12/10 { Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
			156.79		
24+10				8.8	148.0
J.P.		0.09	143.96	12.92	143.87
J.P.		9.36	140.60	12.72	131.24
+35				12.5	128.1
+50				13.5	127.1
+65	M.H. bottom of canyon.			12.09	128.51
+90				5.8	134.8
25+00				1.9	138.7
J.P.		12.09	152.65	0.04	140.56
J.P.		11.80	164.27	0.18	152.47
+42				2.5	161.8
+50				0.7	163.6
J.P.		12.63	176.75	0.15	164.12
+75				6.8	170.0
26+00				2.8	174.0
J.P.		12.94	189.54	0.15	176.60
+50				7.8	181.7
27+00				1.0	188.5
J.P.		12.75	202.24	0.05	189.49
+50				4.8	197.4
J.P.		12.64	214.79	0.09	202.15
28+00				8.6	206.2
+20				5.0	209.8
+50				2.4	212.4

Jun 13/10 { Shields Barber Taylor

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
T.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
T.P.	12.22	237.90	0.87	225.68
+50			8.5	229.4
32+00			2.5	235.4
T.P.	7.15	244.53	0.52	237.38
+15			7.3	237.2
+50			5.9	238.6
33+00			4.1	240.4
+50	F.H. near Nearney about 16' from Sta. line of nearney		2.48	242.0

Torrence street from 260' east of angle at Pueblo line to sta. 24+35 just South of Clark

Jan 11/10 { Shields Barber Taylor

sta.			H.I.	Rod	Elev.
		8.68	270.09		266.41
0+00	F.S. 260' east of Pueblo line			1.3	273.8
+50				1.2	273.9
1+00				1.6	273.5
+50				2.9	272.2
2+00				5.4	269.7
+50				11.1	264.0
+60	M.H. angle at Pueblo line			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
J.P.		0.36	250.83	12.92	250.47
5+00				2.6	248.2
+50				7.9	242.9
+61				11.1	239.7
J.P.		0.17	238.02	12.98	237.85
+66				10.6	227.4
J.P.		5.22	230.48	12.76	225.26
+74				6.0	224.5

Surface started Sept 4-61

sta.			H.I.	Rod	Elev.
			230.48		
5+84	M.H. bottom of canyon			12.45	218.03
6+00				4.2	226.3
J.P.		13.07	243.48	0.07	230.41
+10				10.7	232.8
J.P.		12.84	255.66	0.66	242.82
+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	261.85	1.07	254.59
+50				4.8	257.0
8+00				1.6	260.2
+25	F.S. South			1.34	260.51
+50	F.S. North			1.4	260.4
9+00				3.7	258.1
+50				8.5	253.3
J.P.		0.17	249.13	12.89	248.96
10+00				2.4	246.7
+17				6.8	242.3
J.P.		0.12	236.32	12.93	236.20
J.P.		1.01	224.41	12.92	223.40
+50				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	12.39	125.36
13+00	m.H. bottom of Canyon		10.55	119.35
+08			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.	12.49	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

Jan 11/10

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	F.S. South		0.87	246.14
+50	F.S. North		1.6	245.4
20+00			7.8	239.2
J.P.	1.08	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 Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
J.P.		0.21	185.92	12.94	185.71
J.P.		0.59	173.76	12.75	173.17
21+90				5.1	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.		5.87	154.73	12.78	148.86
+34				15.9	138.8
+40				14.0	140.7
+50	M.H. bottom of Camp.			12.28	142.45
23+00				7.6	147.1
+11	M.H. bottom of			7.95	146.8
J.P.	Camp	12.89	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	F.T. just so. of Clark St.			3.3	180.0

1.42
273.67 +

sheet R-61

Lot line bet. Torrence & Puterbaugh from Pueblo line bet. Marine View & Ramona Heights to sta 14+50 bet. Pringle & McKee. Jan 12/10 Lebilds Barber Taylor

Sta.			H.I.	Rod	Elev.
J.P.		6.69	255.89		249.20
0+00	F.T. on Pueblo line			3.12	252.8
+50				9.6	246.3
+70				11.2	244.7
J.P.		0.50	244.05	12.34	243.55
+82				3.8	240.2
1+00				10.4	233.6
J.P.		0.07	231.17	12.95	231.10
+10				5.9	225.3
+28				8.8	222.4
+40				5.1	226.1
+48				5.9	225.3
+50				6.8	224.4
J.P.		7.26	225.76	12.67	218.50
+65	M.H. bottom of Canyon			10.52	215.24
J.P.		4.07	228.79	1.04	224.72
2+90	F.T. north			0.24	228.5
3+00				4.1	224.7
J.P.		0.40	216.31	12.88	215.91
+35				9.7	206.6
+50				8.1	208.2

Profile plotted A-62

Sta.			H.I.	Rod	Elev.
J.P.		0.17	203.53	12.95	203.36
3+70				4.0	199.5
4+00				4.1	199.4
+05				4.3	199.2
J.P.		5.33	198.47	10.39	193.14
+30				14.8	183.7
+36	M.H. bottom of Canyon			11.45	187.02
+45				6.1	192.4
+50				5.7	192.8
+63				2.1	196.4
J.P.		12.22	210.58	0.11	198.36
J.P.		11.62	222.19	0.01	210.57
+89				10.1	212.1
5+00				10.1	212.1
+11				4.9	217.3
J.P.		12.45	234.62	0.02	222.17
+24				3.1	231.5
J.P.		12.93	247.12	0.43	234.19
+50				8.3	238.8
6+00				6.1	241.0
J.P.		3.26	249.75	0.63	246.49
+40				2.5	247.2
+50	F.T. south			2.6	247.1

cont. from page 46

Sta.			H.I.	Rod	Elev.
6+75	F.S. North		249.75	1.86	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	192.1
J.P.		0.49	186.73	12.67	186.24
+15				1.8	184.9
+50				10.0	176.7
J.P.		-0.03	173.81	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	114.90
+69				13.9	111.5

Jan. 12/10 { Childs, Barber, Taylor

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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	150.17
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.		10.30	195.45	0.01	185.15
+50	F.S. bet pringle & McKee.			1.8	193.6

Profile plotted Sheet A-62

Lot line bet. Pulerbangel & Torrence from Intersection of center of Howard to sta 2+50 bet. Clark & Roark Jan 13/10 Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
		210.54		
0+00	M.H. center of Howard & lot line		1.21	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

142.45
~~7.99~~
6.37

0.65
12.65

148.17
12.65
160.82
0.17
160.65 J.P.
12.38
173.03
0.14
172.89 J.P.
12.81
~~160.08~~
185.70
0.13
185.57 J.P.
12.52
198.09

0.14
197.95 J.P.
12.59
210.54

Neale street from 168.4 N.W. on pueblo from intersection of Neale & pueblo line to pueblo line at Marine View

Jan 13/10 — Childs, Barber, Taylor

10

Sta.			H.I.	Rod	Elev.
J.P.		12.91	155.36		142.45
0+00	M.H. bottom of Canyon on pueblo line north of Roark			7.52	147.84
+25				7.7	147.7
+35				2.7	152.7
J.P.		12.85	168.20	0.01	155.35
+50				7.3	160.9
J.P.		12.90	181.10	0.00	168.20
1+00				2.1	179.0
J.P.		12.40	193.50	0.00	181.10
J.P.		12.25	205.64	0.11	193.39
+50				6.6	195.0
+68.4	M.H. center Neale & on pueblo line bet. mission Hills & Middletown add.			0.33	205.31
J.P.		12.29	217.60	0.01	217.59
J.P.		13.09	230.68		
2+00				11.2	219.5
J.P.		12.19	242.87	0.00	230.68
+50				6.0	236.9
+62				2.9	240.0
J.P.		12.89	255.45	0.31	242.56
3+00				10.5	244.9
+50				5.3	250.1
4+00				1.6	253.8
+30	F.S. about 23.4 North of Pringle			1.09	254.36

Profile Added Sheet A-63

Sta.			H.I.	Rod	Elev.
5+30	F.S. about 26.6 S.O. of Pringle		255.45	3.7	251.7
+50				5.3	250.1
6+00				9.0	246.4
+30				11.2	244.2
J.P.		0.75	243.46	12.74	242.71
+50				4.4	239.0
J.P.		0.26	231.08	12.64	230.82
7+00				6.9	224.2
J.P.		0.11	218.36	12.83	218.25
+50				8.1	210.3
J.P.		0.46	206.15	12.67	205.69
8+00				8.0	198.1
J.P.		0.78	194.18	12.75	193.40
+50				7.3	186.9
J.P.		0.30	181.80	12.68	181.50
+75				1.5	180.3
9+00				11.1	170.7
J.P.		0.99	170.05	12.74	169.06
J.P.		0.80	157.97	12.88	157.17
+50				11.6	146.4
J.P.		0.94	146.03	12.88	145.09
		5.26	140.03	11.26	134.77
+95	M.H. bottom of Canyon			10.51	129.52
10+00				12.2	127.8
+05				13.7	126.3
+10				10.6	129.4

Cont. from page 49

Sta.			H.I.	Rod	Elev.
J.P.		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.		12.98	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	228.55	0.08	215.65
+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 { Childs, Barber, Taylor

Sta.		H.I.	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 Pueblo line		2.8	270.2

Lot line bet. Neale & Torrence from 25' So. of Pringle to sta. south of McKee. Jan 14/10 Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
J.P.		12.55	241.42		228.87
0+00	F.J. 25' So. of Pringle			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	13.02	129.12
+40	M.H. bottom of canyon			5.05	126.37

Profile plotted A-6

Boone street from 25' so. of Pueblo line so. of winder.

sta.			H.I.	Rod	Elev.
J.P.		12.92	267.28		254.36
0+00	F.J. 25' so. of Pringle			3.22	264.0
+50				9.2	258.1
J.P.		1.09	255.47	12.90	254.38
1+00				4.6	250.9
+08				5.1	250.4
J.P.		0.55	243.09	12.93	242.54
+50				7.4	235.7
J.P.		0.23	230.40	12.92	230.17
2+00				11.5	218.9
J.P.		0.98	218.50	12.88	217.52
+20				11.0	207.5
J.P.		0.01	205.60	12.91	205.59
+42				9.7	195.9
J.P.		0.13	192.82	12.91	192.69
+50				3.9	188.9
+86				12.6	180.2
J.P.		0.83	180.68	12.97	179.85
3+00				7.8	172.9
J.P.		8.13	176.84	11.97	168.71
+18				14.0	162.8
+26	M.H. bottom of Campin			12.18	164.66
+50				6.4	170.4
F.J.		9.85	182.63	4.06	172.78
4+00	F.J. north			1.10	181.5
+25	F.J. south			0.6	182.0

Profile placed Sheet R-64

Pringle to

Jan 14/10 {Childs, Barber, Taylor

sta.			H.I.	Rod	Elev.
			182.63		
4+50				4.1	178.5
+65				8.1	174.5
J.P.		0.86	170.51	12.98	169.65
J.P.		-0.02	157.56	12.93	157.58
5+00				2.3	155.3
J.P.		5.93	150.48	13.01	144.55
+50				10.8	139.7
+60				15.8	134.7
+65	M.H. bottom of Campin			12.33	138.15
6+00				2.2	148.3
J.P.		12.42	162.51	0.39	150.09
+30				7.5	155.0
+50				1.9	160.6
J.P.		12.39	174.85	0.05	162.46
J.P.		12.64	187.49	0.00	174.85
7+00				4.1	183.4
J.P.		12.16	199.49	0.16	187.33
+10				11.2	188.3
J.P.		12.61	212.07	0.03	199.46
+50				11.8	200.3
J.P.		13.00	225.01	0.06	212.01
+95				12.7	212.3
8+00				10.2	214.8
J.P.		12.82	237.82	0.01	225.00
J.P.		12.98	250.24	0.56	237.26
+50				9.5	240.7
+65				4.8	245.4

Jan 17/60 { Shields Barber Taylor

Cont - from page 52

Sta		H.I.	Rod	Elev
T.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
T.P.	11.80	274.82	0.00	263.02
+50			8.0	266.8
11+00			3.0	271.8
	about 8' deep			
+20	F.S. at Pueblo line		0.88	273.94

Tupper st. from pueblo line to sta

so. of Harasity.

Jan 17/10

Childs
Barber
Taylor

Sta.			H.I.	Rod	Elev.
sta.		5.65	260.03		254.38
0+00	M.H. at pueblo line center			0.60	259.43
+50	Tupper = Pringle			1.7	258.3
+85.8	north line McKee			5.8	254.2
1+00				8.1	251.9
J.P.		0.30	247.37	12.96	247.07
+50				9.1	238.3
J.P.		0.25	234.77	12.85	234.52
2+00				12.9	221.9
J.P.		-0.01	221.87	12.89	221.88
J.P.		0.19	209.16	12.90	208.97
+50				3.7	205.5
+65				8.0	201.2
J.P.		0.15	196.41	12.90	196.26
+85				3.5	192.9
3+00				12.2	184.2
J.P.		2.10	185.58	12.93	183.48
+13	M.H. bottom of canyon			12.03	173.55
+17				14.3	171.3
+25				7.5	178.1
J.P.		8.58	192.54	1.62	183.96
+50				6.7	185.8
+65				0.2	192.3
4+00	F.T. about 35' from Harasity			1.0	191.5

Profile Plotted Sheet A-14

Sta.			H.I.	Rod.	Elev.
J.P.		0.08	179.72	12.90	179.64
J.P.		2.35	169.09	12.98	166.74
5+25	M.H. bottom of canyon			12.08	157.01
+50				13.8	155.3
+88				16.5	152.6
6+00				11.0	158.1
J.P.		12.45	181.49	0.05	169.04
+50				6.9	174.6
J.P.		13.05	194.52	0.02	181.47
7+00				1.4	193.1
J.P.		12.93	207.28	0.17	194.35
J.P.		8.08	215.35	0.01	207.27
+50	F.T. near pueblo line so. of Harasity			2.0	213.3

Lot. line bet. Boone & Tupper
McKee to winder street.

Sta.			H.I.	Rod	Elev.
J.P.		1.94	219.46		217.52
0+00	M.H. 110' north of McKee.			12.83	206.63
+50				10.7	208.8
+85	F.S. 25' north of McKee			3.10	216.4
1+85	F.S. 25' so. of McKee.			6.6	212.9
2+00				8.5	211.0
J.P.		0.97	207.53	12.90	206.56
+50				2.5	205.0
3+00				10.7	196.8
J.P.		0.61	195.11	13.03	194.50
+35				4.5	190.6
+50				8.6	186.5
J.P.		0.22	182.72	12.61	182.50
+75				3.6	179.1
J.P.		0.72	170.45	12.99	169.73
4+00				3.2	167.2
J.P.		0.35	158.08	12.72	157.73
+50				9.6	148.5
+57				11.2	146.9
+68				15.5	142.6
+73	M.H. bottom of Canyon			13.92	144.16

Profile Stated A 65

from 110' north of Jan 17/10 {Childs, Barber, Taylor}

Sta.			H.I.	Rod	Elev.
			158.08		
5+00				4.3	153.8
J.P.		12.92	170.97	0.03	158.05
J.P.		11.86	182.79	0.04	170.93
+45				10.0	172.8
+50				8.7	174.1
J.P.		12.98	195.75	0.02	182.77
6+00				8.5	187.2
J.P.		12.84	208.58	0.01	195.74
+50				7.2	201.4
J.P.		12.19	220.75	0.02	208.56
7+00				3.9	216.8
J.P.		12.60	233.29	0.06	220.69
+35				2.0	231.3
J.P.		12.75	246.04	0.00	233.29
+50				11.3	234.7
+70				7.0	239.0
J.P.		7.85	253.79	0.10	245.94
+85	F.S. about 25' north of winder			6.8	247.0

Lot line bet. Tupper & Sublett from 50' South of McKee to near pueblo line

Sta. 4+63 Jan 18/10 Childs Barbe Tayeer

Sta.			H.I.	Rod	Elev
J.P.		6.45	228.33		221.88
0+00	M.H. 50' South of McKee			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.J. north of Harasity			2.0	226.3
J.P.		0.01	215.53	12.81	215.52
J.P.		0.12	202.93	12.72	202.81
3+25	F.J. South of Harasity			4.1	198.8
J.P.		0.01	190.33	12.61	190.32
+50				2.2	188.1
J.P.		0.16	177.73	12.76	177.57
4+00				9.8	167.9
J.P.		2.42	167.12	13.03	164.70
+50				11.2	155.9
+63	M.H. bottom of Canyon near pueblo line			4.39	162.73

Profile plotted Sheet 65

Sublett from Pueblo line 248' north of Harasity
to bottom of canyon sta 5+00 south of " Jan 18/10 { Childs, Barber, Taylor

sta.			H.I.	Rod	Elev.
J.P.	F.S.	1.39	260.82		259.43
0+00	at Pueblo line No. of Harasity.			4.97	255.8
+50				2.5	258.3
1+00				2.8	258.0
+50				2.3	258.5
2+00				1.1	259.7
+10				2.3	258.5
J.P.		2.10	250.17	12.75	248.07
+30				0.1	250.0
+48	north line of Harasity			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				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 Slatted Sheet 4-65

sta.			H.I.	Rod	Elev.
J.P.		0.48	174.26	12.97	173.78
5+00	M.H. bottom of Canyon			8.99	165.27

Canyon line from center of Harasity sta 5+00 to sta on

Sta.		H.I.	Rod	Elev.
J.P. 0+00	M.H. Center Sublett sta 5+00	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 + Tupper		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
J.P.	5.32	159.76	12.14	154.44
+05.3	M.H. Sta. 5+25 on Tupper 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 A-66

Sublett just south of center India north of Harasity Jan 18/10 { Childs Barr Taylor

Sta.			H.I.	Rod	Elev.
3+94			159.76	14.1	145.7
4+00				12.2	147.6
+15				10.6	149.1
J.P.		2.20	149.59	12.37	147.39
+48.4	M.H. sta. 4+73 on lot line bet. Tupper + 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. 5+65 on Boone			11.45	138.14
J.P.		9.24	147.38		
6+00				9.7	137.7
+15				11.7	135.7
+50				14.2	133.2

Childs
Barber
Taylor

Jan 19/10

cont. — from page 58

Sta.		H.I.	Rod	Elev.
		147.38		
7+00			13.6	133.8
+12			12.3	135.1
+48	m.H. Sta 0+00 on		11.01	136.37
T.P.	canyon line 1.34	137.71		
+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	m.H. Sta 9+95 on		8.21	129.50
T.P.	Neale Street 1.87	131.37		
9+00			1.3	130.1
+50			2.9	128.5
+95.2	m.H. Sta. 4+40 on		4.96	126.41
	lot line bet. Neale & Torrence.			
10+00			5.4	126.0
+50			7.0	124.4

Sta.		H.I.	Rod	Elev.
		131.37		
11+00			11.8	119.6
+13			16.0	115.4
+20.5⁻	m.H. Sta 13+00 on		12.05⁻	119.32
T.P.	Torrence street 2.13	121.45⁻		
+50			2.1	119.3
12+00			5.6	115.8
+20			9.3	112.1
+40			6.5⁻	115.0
+48.4	m.H. Sta. 11+60 on		6.57	114.88
	lot line bet. Torrence & Peterborough			
+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	m.H. Sta 15+25 on		11.69	109.76
	Peterborough st.			

Cont. – from page 59

Sta.			H.I.	Rod	Elev.
T.P.		0.42	110.18		
14+00				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	M.H. Sta. 31+80 on lot line bet Gutenberger & Horton			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		2.22	99.47	16.3	93.9
T.P.				12.93	97.25
+22.2	M.H. Sta. 31+77 on Horton St.			3.65	95.82
+50				2.8	96.7

Jan 19/10 — Fields, Barber, Taylor

Sta.			H.I.	Rod	Elev.
			99.47		
17+00				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	M.H. Sta. 32+15 on lot line bet Horton & Union			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				13.3	86.2
T.P.		0.24	87.32	12.39	87.08
+78.5	M.H. Sta. 32+50 on Union St.			1.96	85.36
19+00				3.3	84.0
+23				7.2	80.1
+50				6.6	80.7

Cont. from page 60

Jan 19/10 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
		87.32		
19+78			8.8	78.5
20+00			7.3	80.0
+04.6	M.H. Sta. 32+50 on lot line bet. Union & Columbia St.		7.61	79.71
+14			8.1	79.2
+36			11.5	75.8
+41			8.7	78.6
+50			8.9	78.4
21+00			10.1	77.2
+30.3 J.P.	M.H. Sta. 1+05 on Columbia St. 6.10	81.30	12.12	75.20
+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. 0+00 on Center India 25' north of Harasity.		7.3	74.0

8.78
72.52 J.P.
1.07
73.59
10.19
63.40

63.43

canyon line from sta. 4+73 on
& Tupper & to sta. 0+00 on lot line

sta.			H.I.	Rod	Elev.
0+00	M.H. sta 4+73 on lot line bet. Tupper & Boone.		149.59	5.48	144.1
+20				16.0	143.6
			159.76		
+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 Tupper 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	194.4
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. Tupper & Sublett			2.80	224.09

lot line bet. Boone
bet. Tupper & Sublett. Jan 19/10 { Childs, Barber, Taylor

Profile plotted sheet A-67

Canyon line from sta. 7+48 on main canyon line & Tupper. Jan 20/10 Childs Barber Taylor

to sta. 0+00 on lot line bet. Boone

Sta.			H.I.	Rod	Elev.
0+00	M.H. Sta. 7+48 on main canyon line		147.38	11.01	136.4
+50				4.2	143.2
J.P.		12.98	160.34	0.02	147.36
1+00				10.6	149.7
+50				4.4	155.9
J.P.		12.66	172.97	0.03	160.31
+75				11.5	161.5
2+00				9.5	163.5
+07.5	M.H. Sta. 3+26 on Boone st. line			8.32	164.65
+42				3.1	169.9
J.P.		13.03	185.70	0.30	172.67
+50				12.7	173.0
3+00				1.4	184.3
J.P.		12.55	197.63	0.62	185.08
+50				7.2	190.4
J.P.		12.08	209.70	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 lot line bet. Boone & Tupper.			3.10	206.60

Profile plotted Sheet A-67

4.97
192.66

6.34
179.36

192.69

179.85
36
49

Canyon line from sta. 36+50 on lot line bet. Columbia & Union to sta. 17+00 on Neale street so. of winder. Jan 20/10 { Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
J.P.		12.96	128.87		115.91
0+00	M.H. sta. 36+50 on lot line bet Union & Columbia			11.71	117.16
+50				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 plotted 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			2.75	138.51
J.P.		12.91	153.79	0.38	140.88
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	166.66	0.01	153.78
+30				11.0	155.7
+50				10.1	156.6

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. 8+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 4+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 5+84 on Torrence st.			0.22	217.98

Cont. - from page 64

Sta.			H.I.	Rod	Elev.
J.P.		12.92	230.90		~~116.01~~
9+32				2.6	228.3
J.P.		12.37	243.15	0.12	230.78
+50				8.9	234.2
+65				1.1	242.0
J.P.		11.48	254.38	0.25	242.90
+75				4.8	249.6
10+00				3.9	250.5
+50				0.4	254.0
J.P.		8.88	263.10	0.16	254.22
11+00				6.2	256.9
+50				3.5	259.6
+66.6	M.H. Sta. 17+00 in Neale Street.			2.08	261.02

Sheet A-67

Jan. 20/10 { Childs, Barber, Taylor

78.09
12.76
90.85
0.10
90.75 J.P.
12.45
103.20
0.00
103.20 J.P.
12.91
116.11
0.10
116.01 J.P.

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

Sta		H.I.	Rod	Elev.
	16°00' L			
0+00	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
	0°53' R.			
+18.2	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	121.56
2+00			11.7	122.7
+44	M.H. sta. 41+15 on lot line bet. Union & Horton		7.45	126.95
+50			6.9	127.5
J.P.	13.07	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+55 on lot line bet. Horton & Puterbaugh,		6.58	152.55
5+00			7.4	151.7
+28			6.6	152.5

Profile Plotted Sheet A-68

Center of State — Jan 20/10 — Childs, Barber, Taylor

this line to sta 1+65 on lot line bet Torrence & Puterbaugh

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
	M.H.	159.13		
*0+00 =	5+94.6 on lot line bet. Horton & Puterbaugh		6.58	152.55
+50			1.2	157.9
+59			2.0	157.1
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	211.18
+50			6.6	214.2
+51.4	M.H. sta. 1+65 on lot line bet Torrence & Puterbaugh		5.55	215.29

Profile Plotted Sheet A-68

Canyon line from sta. 2+10 on sta. 0+00 on Pueblo line just east of center artic to Torrance.

Jan 21/10 {Schildt / Barbur / Taylor}

Sta.		H.I.	Rod	Elev.
	3° 13' R			
0+00	M.H. sta. 2+10 on center artic.	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 & Minn		4.13	90.67
+50			3.3	91.5
3+00			2.1	92.7
+03			3.5	91.3
T.P.	12.84	107.60	0.04	94.76
+15			12.5	95.1
+00			9.5	98.1
+50			8.3	99.3

Profile checked Sept 11-'68

Sta.		H.I.	Rod	Elev.
		107.60		
3+66.5	M.H. sta. 22+72 on Minn street		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
T.P.	11.86	119.05	0.41	107.19
+91.9	M.H. sta 22+40 on lot line bet. Minn & Horton.		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

Cont.- from Page 67

Sta.		H.I. 119.05	Rod	Elev.
6+18	M.H. Sta 22+55 on Horton St.		5.11	113.94
+50			1.4	117.6
+68			0.0	119.0
+88			4.6	114.4
J.S.	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	M.H. Sta 22+50 on lot line bet. Horton & Puterbaugh		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	127.9
+34			4.9	127.0
+50			4.3	127.6

Jan 21/10 Schildts Barber Taylor

Sta.		H.I. 131,89	Rod	Elev.
8+68.7	M.H. Sta 24+65 on Puterbaugh St.		3,30	128.59
9+00			3.4	128.5
+15			1.2	130.7
J.P.	12.91	144.50	0.30	131.54
+50	21°03'R		11.2	133.3
+97.3	M.H. Sta 2+50 on lot line bet. Torrence & Puterbaugh		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	M.H. Sta 22+50 on Torrence St.		2,02	142.48
J.P.	8,18	151.31		
+47			9.9	141.4
+50			11.3	140.0
+57			11.9	139.4
+63			8.5	142.8

See Page 70

Canyon line from sta. 22+40 on to sta. 17+77 on lot line bet. Horton

Sta.			H.I.	Rod	Elev.
			119.05		
0+00	M.H. sta 22+40 on lot line bet. Union & Horton			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				1.0	118.0
J.P.		12.85	131.85	0.05	119.00
+50				8.2	123.6
J.P.		12.75	144.43	0.17	131.68
2+00				9.5	134.9
+50				5.5	138.9
J.P.		12.97	157.40	0.00	144.43
+96.2	M.H. sta. 19+75 on Horton abt			12.88	144.52
3+00				12.2	145.2
+50				2.0	155.4
+61				0.4	157.0

Profile plotted Sheet A-68

lot line bet. Union & Horton & Puterbaugh Jan 21/10 {Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
			157.40		
4+00				4.4	153.0
J.P.		11.64	168.47	0.57	156.83
+50				10.0	158.5
5+00				2.3	166.2
J.P.		12.99	178.00	3.46	165.01
+33.5	M.H. sta. 17+77 on lot line bet. Horton & Puterbaugh			4.04	173.96

Cont. from page 68

Jan 21/10 { Childs Barber Taylor

70

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

Camp line from sta. 5+25 on to. sta. 5+95 on lot line bet. Horton & Columbia street Peterbaugh

Jan 21/10 { Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
0+00	M.H. sta. 5+25 on Columbia St. so. of Cents.		156.13	12.68	143.45
+15				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
+01.3	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

Sta.			H.I.	Rod	Elev.
			180.53		
2+50				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
+34.3	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 22/10 { Elliott Barber Taylor

Cont. – from page 71

Sta.			H.I.	Rod	Elev.
			205.96		
5+00				7.1	198.9
T.P.		12.73	218.50	0.19	205.77
+15				12.1	206.4
+30				9.4	209.1
+50				8.8	209.7
+65				5.8	212.7
T.P.		12.81	231.10	0.21	218.29
+96				1.6	229.5
6+00				0.9	230.2
T.P.		12.98	244.06	0.02	231.08
+04.9	M.H. Sta 5+50 on Horton street			12.80	231.26
+50				5.8	238.3
T.P.		6.78	250.37	0.47	243.59
7+00				5.7	244.7
+37.2	M.H. Sta 5+95 on lot line bet. Horton & Peterborough			2.50	247.87

Witherby street from lot line sta 0+00 bet. Columbia & Congress to lot line sta 0+00 bet. Horton & Puterbaugh.

Jan 22/10 { Childs, Barber, Taylor

Sta			H.I.	Rod	Elev.
0+00	M.H. Sta 0+00 on		127.30	0.47	126.83
J.P.	lot line bet Congress	4.78	119.15	12.93	114.37
+50	& Columbia			8.8	110.3
+65				14.4	104.7
+70	M.H. bottom of Canyon			11.51	107.64
+85				5.7	113.4
1+00				1.2	117.9
J.P.		12.92	131.67	0.40	118.75
+25	M.H. center Columbia Sta 0+00			6.32	125.35
+50				0.9	130.8
J.P.		11.78	143.07	0.38	131.29
2+00				2.7	140.4
J.P.		12.82	155.83	0.06	143.01
+49.6	M.H. Sta 0+00 on			4.88	150.95
J.P.	lot line bet Union	12.62	168.38	0.07	155.76
3+00	& Columbia			3.0	165.4
J.P.		12.72	181.10	0.00	168.38
J.P.		12.61	193.69	0.02	181.08
+50				15.3	178.4
+72	M.H. Sta 0+00 on Union street			9.10	184.59
4+00				1.9	191.8
J.P.		12.82	206.32	0.19	193.50
+50				2.3	204.0
J.P.		12.89	219.10	0.11	206.21
		12.88	231.77	0.21	218.89
+95.1	M.H. Sta 0+00 on lot line bet Union & Horton			10.86	220.91

Sta			H.I.	Rod	Elev.
			231.77		
				9.5	222.3
5+00		13.03	244.19	0.61	231.16
J.P.					
+50				11.7	232.5
6+00				5.7	238.5
+19.6	M.H. Sta 0+00 on Horton street	11.73	251.04	4.88	239.31
J.P.					
+50				10.2	240.8
7+00				8.1	242.9
+42.3	M.H. Sta 0+00 on lot line bet Horton & Puterbaugh			5.43	245.61

Profile plotted Sheet A-69

Canyon line from sta. 2+85 on Columbia to sta. 10+60 on lot line bet. lot line bet. Congress & Horton & Puterbaugh Jan 22/10 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. sta. 2+85 on lot line bet. Congress & Columbia	128.75	12.65	116.10
+35			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
+24.5	M.H. sta. 14+00 on Columbia st.		2.42	126.33
T.P. +50	12.89	139.22	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
+59.4	M.H. sta 12+14 on lot line bet. Union & Columbia		4.63	134.59
+78			2.2	137.0
T.P.	12.50	151.12	0.60	138.62
+85			18.0	133.1
3+00			16.0	135.1

Sta		H.I.	Rod	Elev.
		151.12		
3+07			15.3	135.8
+20			9.8	141.3
+50			7.1	144.0
+87.8	M.H. sta. 11+80 on Union st.		6.70	144.42
4+00			7.8	143.3
+05			8.5	142.6
+14			6.2	144.9
+50			1.3	149.8
T.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 & Horton		8.92	154.20
+42			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 Horton 12.72		0.89	162.23
T.P. +50		174.95	12.4	162.5

Cont. from page 74.

Sta.			H.I.	Rod	Elev.
6+62			174.95	12.3	162.6
+71				10.6	164.3
+87				10.9	164.0
7+00				8.5	166.4
+13				7.9	167.0
+30				4.2	170.7
+50				5.3	169.6
J.P.		8.56	180.86	2.65	172.30
+86.2	M.H. Sta 10+60 on lotline bet Horton & Peterbaugh.			5.57	175.29

Profile Slatted Sheet A-69

Jan 22/10 {Childs Barber Taylor

75

7 + 8.6.2
7.8

Canyon line on Loma Pass from lot line bet. Horton & Puterbaugh to Sunset Boulevard — Jan. 24/10 — Childs, Barber, Taylor

Sta.			H.I.	Rod	Elev.
0+00	M.H. lot line bet. Horton & Puterbaugh.		188.18	12.89	175.29
+50				6.2	182.0
+80				6.5	181.7
+93				9.8	178.4
1+00				7.5	180.7
+07.2	15° 56' R M.H. on Pueblo line bet. Inspiration Hts. & Middletown add.			6.33	181.9
+27				2.7	185.5
+45				5.6	182.6
+50				3.8	184.4
T.P.		12.33	200.37	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

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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 M.H. intersection of two tangents on Loma pass.			3.17	197.20
+50				1.2	199.2
+60				4.3	196.1
+70				3.0	197.4
+84				1.2	199.2
T.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	21 10 R			3.3	209.4

Cont. from page 76

Sta.			H.I. 212.71	Rod	Elev
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 #			2.37	210.3
T.P.			225.57	0.08	212.63
+37				9.5	216.1
+44				8.5	217.1
+50				9.9	215.7
T.P.		8.84	233.52	0.89	224.68
+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
T.P.		13.03	246.45	0.10	233.42
8+00				10.6	235.8
+50				5.1	241.3
T.P.		12.21	258.42	0.24	246.21
+88.95	M.H. 5' South of lot line in Blk. 6			12.88	245.54
9+00				11.6	246.8

Jan 24/10 Childs Barber Taylor

Sta.			H.I. 258.42	Rod	Elev.
9+50				5.8	252.6
T.P.		7.55	265.60	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
N Sheridan South 430'

Sta.		H.I. 275.99	Rod	Elev. 265.99
T.P.	10.00			
0+00	N.W. Center x N 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	F.S. inside circular drive way.		9.62	266.4

from center

Jan 25/10 { Schields Barber Taylor

Sta.

Sheridan ave. from Lorna Howard, Street

Pass to Jan 25/10 { Shields Barber Taylor

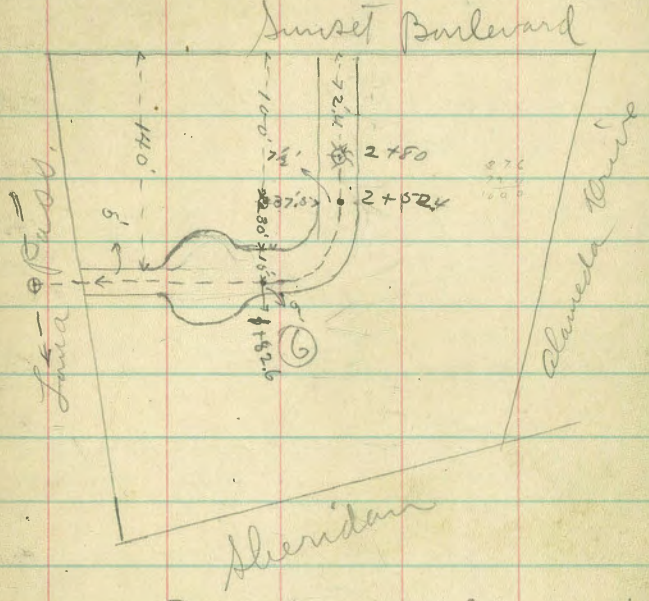
Sta.			H.I.	Rod	Elev.
0+00	M.H. center Lorna Pass. & Sheridan		233.52	12.67	220.8
+07				6.7	226.8
+50				2.7	230.8
T.P.		12.19	245.70	0.01	233.51
1+00				7.8	237.9
+50				0.8	244.9
T.P.		12.89	258.34	0.25⁻	245.45⁻
2+00				6.5⁻	251.8
+32				2.2	256.1
+50				1.7	256.6
+81.5⁻	20° 46' R M.H. angle			1.08	257.26
T.P.		11.05⁻	268.31		
3+00				10.7	257.6
+50				9.6	258.7
4+00				7.2	261.1
+23.5	Center 15' alley Blk 2.			5.62	262.69
+50				3.9	264.4
5⁻+00	F.I. about 38' from Howard			0.7	267.6

Alley line Blk. 6. Inspiration
Center Loma pass to Sunset

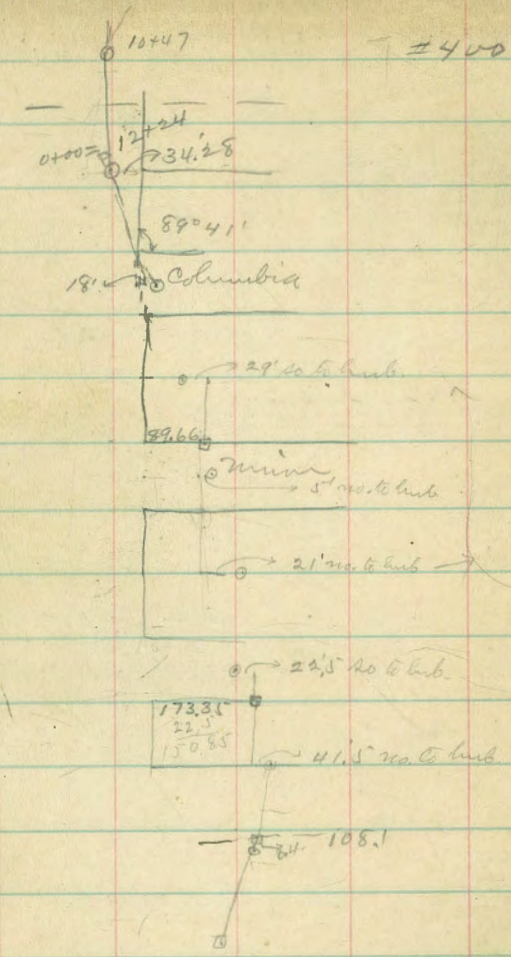
Sta.		H.I.	Rod	Elev.
J.P.	9.87	256.53		246.66
0+00	M.H. center Loma		10.99	245.54
+25	Pass + 15 to. of lot line Blk. 6 Sta. 8+88.95		11.0	245.5
+38			3.8	252.7
+50			1.5	255.0
J.P.	12.73	269.04	0.22	256.31
1+00			8.6	260.4
+50			5.9	263.1
+82.6	P.C. of curve. 45' Radius		4.49	264.5
2+00			3.4	265.6
+25			1.8	267.2
+52.4	P.T. of curve.		0.10	268.94
J.P.	45' Radius 2.75	271.69		
+80	F.J. about 72'.4 from Sunset Boul.		1.7	270.0

Sheet 0-81

Hts. from Boul. Jan 25/10 { Childs, Barber, Taylor (80)



Radius for sewer line = 45'



12+31.8
7.80
10.2 451.8

1231.8
7.80
1224.0

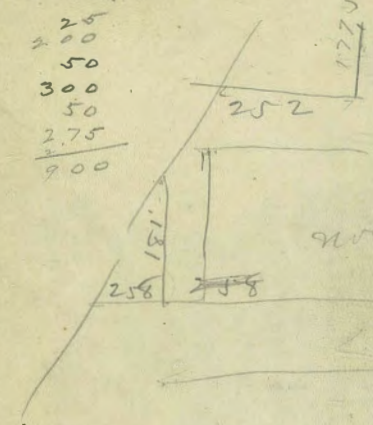
295
259.6 Neale

(12.2)

199.47

25
200
50
300
50
275
900

247.3



52
38
10.2
100.2
446
99.74

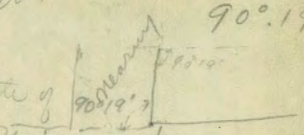
51.54
38
9.74
99.28
2
198.56

well – 80.22

51.44
38
10.2
99.64
2
199.28

115 to 120

90°.19

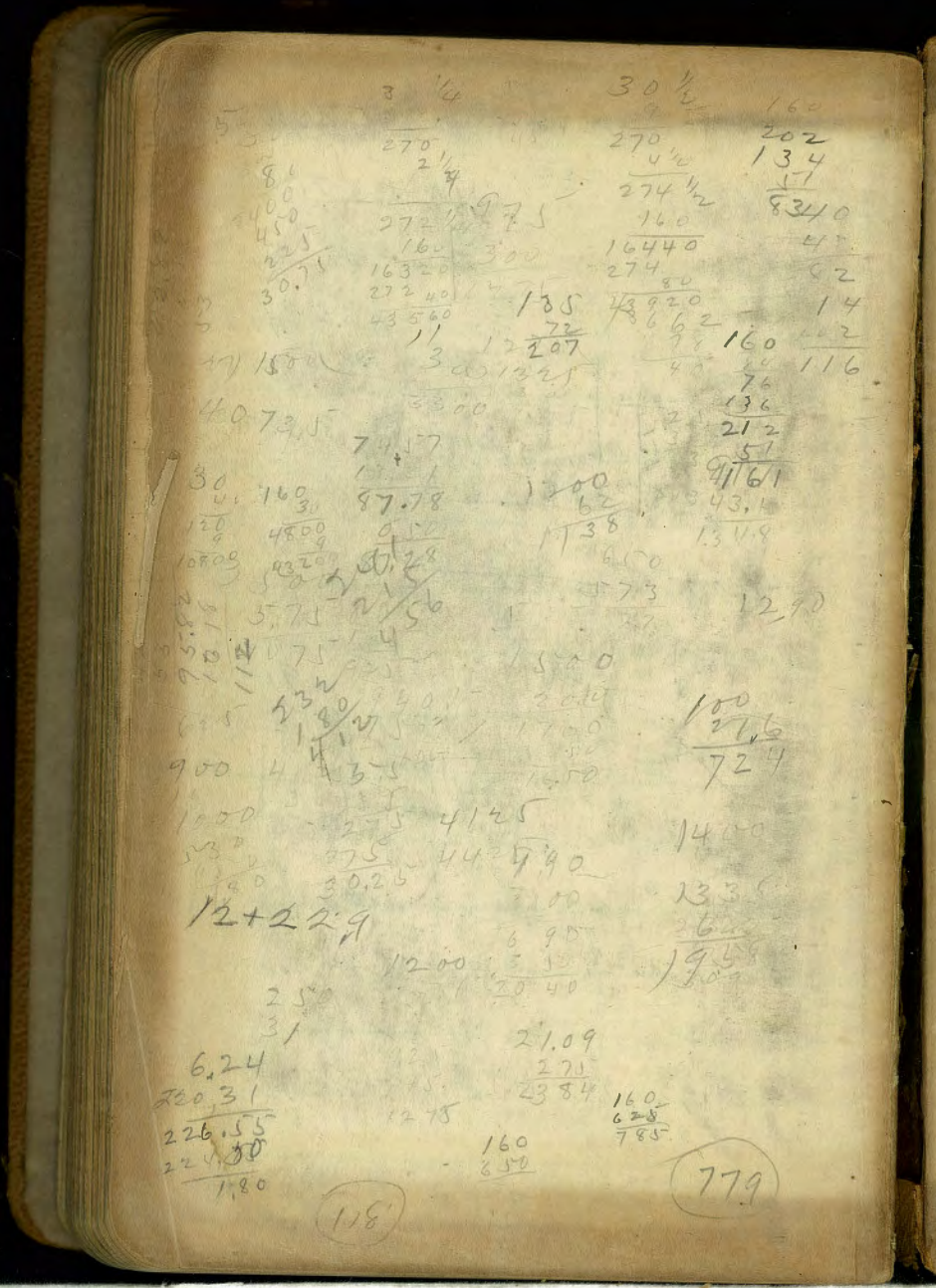


29' South of west cor of Union on road

Columbia

East of Horton on road

135.28
131.95
267.23
129.25
396.48
125.95
522.43
131.39
653.82
140.18
794.00
106.85
500.85



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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		⅓ DEGREE.		⅔ 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	28.82	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
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		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		