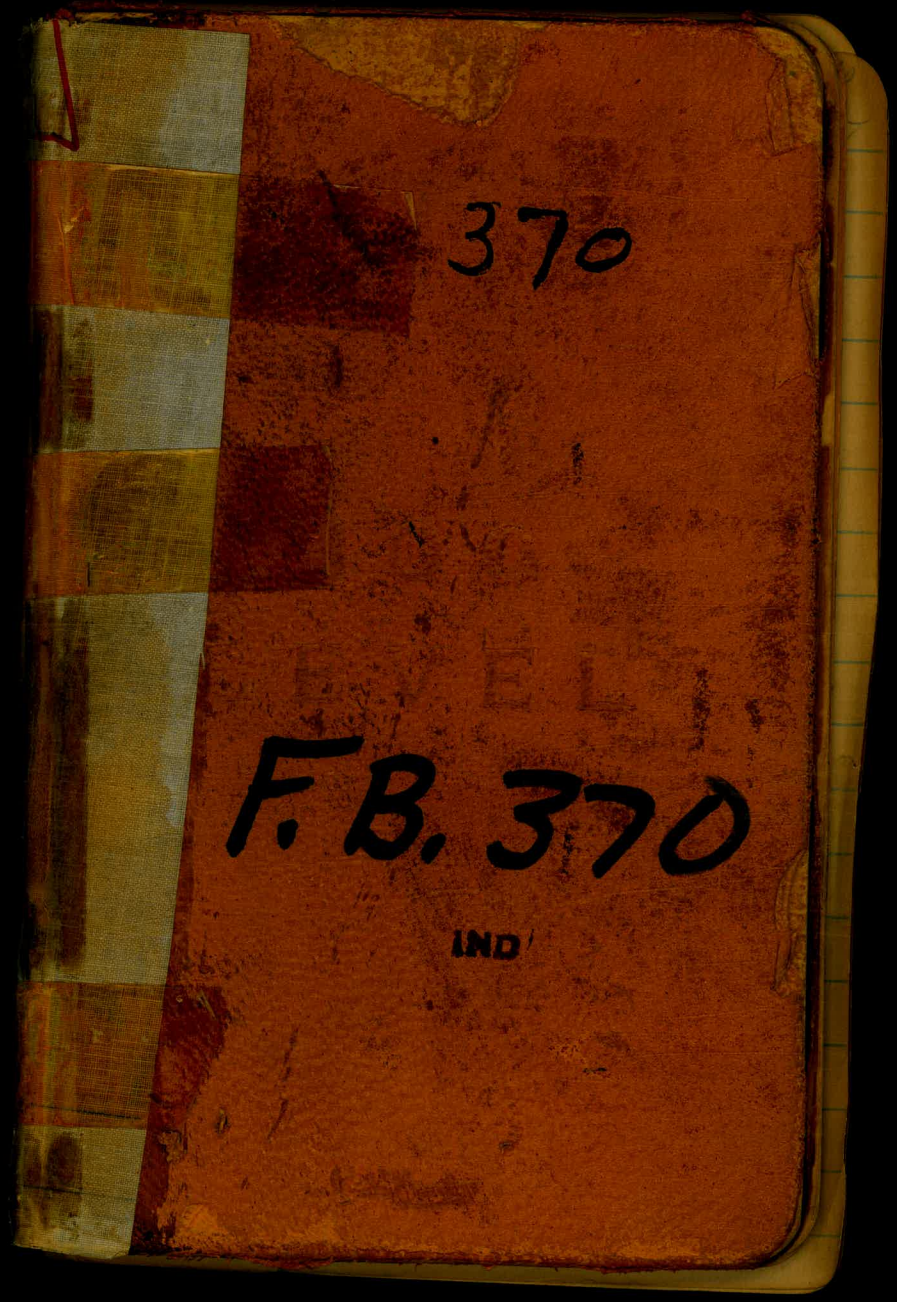
370
F.B. 370
IND

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

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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

Crocker Quality

LEVEL BOOK

No. 400

1.35
60
3.30
5.25
1.25
6.50

COMMUNI CONSENSU TRADE MARK PRIMO

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FROM
Loring's Book Store

285.73 B.M. 30th & Juniper

280.10 S.E. R.R. Apk 30th & Hawthorne

276.61 S.E. " " " " Grape.

257.23 S.E. cor. plug in mar. 30th & Elm.

236.86 S.E. " R.R. Apk " " " & Vine

224.07 N.E. " " " " " Cedar

236.77 N.W. Cor. ash brace plug - ash

alley line north of Juniper
to near 32nd, street

Sta			H.I.	Rod	Elev.
J.P.		7.46	293.19		285.73
0+00	F.S. 25 east of 30th street			3.55	289.64
+50				3.7	289.5
1+00				4.6	288.6
+50				4.4	288.8
2+00				5.6	287.6
+50	M.H. head of Canyon.			6.44	286.75
3+00				5.0	288.2
+50				4.2	289.0
4+00				3.5	289.7
+50				3.2	290.0
5+00				3.4	289.8
+50				3.0	290.2
6+00				2.8	290.4
+50				2.1	291.1
J.P.		8.26	299.27	2.18	291.01
7+00				7.3	292.0
+50				6.9	292.4

from 25' east of 30th
Sept. 19/10

1 Childs
Barber
Taylor

Sta.		H.I.	Rod	Elev.
		299.27		
8+00			6.2	293.1
+50			5.8	293.5
9+00			5.5	293.8
+50			6.9	292.4
10+00			6.0	293.3
+50			5.4	293.9
11+00			5.0	294.3
+50			4.3	295.0
12+00			3.9	295.4
+05	F.S. 25' west 32nd		3.86	295.41

Profile stated
Sheet B.9

Alley line bet. Ivy & Juniper
to near 32nd

Sta.			H.I.	Rod	Elev.
	J.P.	1.77	287.50		285.73
0+00	F.S. 25' East of 30th Street			6.50	281.00
+50				6.0	281.5
1+00				6.4	281.1
+20	M.H. Bottom of Canyon			6.42	281.08
+50				7.3	280.2
2+00				8.2	279.3
+50				5.2	282.3
3+00				4.0	283.5
	J.P.	4.94	290.06	2.38	285.12
+50				6.0	284.1
4+00				5.4	284.7
+50				5.4	284.7
5+00				5.2	284.9
+50				4.8	285.3
6+00				4.6	285.5
+50				4.1	286.0
7+00				3.6	286.5

from 25' east of 30th Sept. 19/10 { Childs Barber Sayer

Sta.			H.I.	Rod	Elev.
			290.06		
7+50				3.9	286.2
8+00				3.9	286.2
+50				4.3	285.8
9+00	F.S. west J.			5.19	284.87
	J.P.	2.66	287.53		
+25	F.S. East			3.1	284.4
+50				3.4	284.1
10+95				5.3	282.2
10+00				6.8	280.7
	J.P.	0.88	275.72	12.69	274.84
+17				3.7	272.0
	J.P.	7.37	270.10	12.99	262.73
+44				13.3	256.8
+48	M.H. bottom of Canyon			10.42	259.68
+50				8.3	261.8
			275.72		
+57				10.0	265.7
			287.53		
+80				8.7	278.8
11+00				5.7	281.8
+50				4.2	283.3

Cont. from page 2.

Sta		H.I.	Rod	Elev
12+00		287.53	3.5	284.0
+05	F.S. 26.6 from west line of 32nd	✓	3.49	284.04

Sept. 20/10

{Childs
Barber
Taylor

3

alley line bet. Ivy & Hawthorn
to bottom of canyon east of 32nd.

Sta.			H.I.	Rod	Elev.
	B.M.	1.33	287.06		285.73
0+00	F.S. 25' east of 30th street			9.90	277.16
+50				11.6	275.5
	B.M.	0.46	275.01	12.57	274.55
+77				6.0	269.0
	B.M.	9.08	271.35	12.74	262.27
1+00				12.3	259.0
+15	M.H. bottom of Canyon			13.19	258.16
+50				2.1	269.2
	B.M.	12.77	281.39	2.73	268.62
+69				7.7	273.7
2+00				7.2	274.2
+50				7.2	274.2
3+00				5.8	275.6
+50				3.9	277.5
4+00				2.6	278.8
	B.M.	10.13	288.56	2.96	278.43
+50				9.8	278.8
5+00				9.1	279.5
+50				8.3	280.3
6+00				7.3	281.3

from 25' east of 30th Sept. 23/10 { Childs Barber Taylor

Sta.			H.I.	Rod	Elev.
			288.56		
6+31.65	East line 31st			6.8	281.8
+50				6.7	281.9
7+00				5.9	282.7
+50				5.5	283.1
8+00				4.9	283.7
+50				4.9	283.7
9+00	F.S. west			4.92	283.64
+25	F.S. east			5.1	283.5
+50				5.3	283.3
10+00				6.0	282.6
+50				6.7	281.9
11+00				8.6	280.0
	B.M.	0.43	275.94	13.05	275.51
+50				0.9	275.0
+64				5.5	270.4
+69				5.6	270.3
+72				7.7	268.2

Cont. from page 4

Sta			H.I.	Rod	Elev.
			275.94		
11+82				10.2	265.7
+86				12.6	263.3
J.P.		0.09	263.19	12.84	263.10
12+00				2.3	260.9
+10				3.7	259.5
+23				8.6	254.6
+32.3	west line 32nd			11.0	252.2
J.P.		0.60	251.33	12.46	250.73
+38				0.6	250.7
+40				1.8	249.5
+50				5.7	245.6
J.P.		0.77	239.49	12.61	238.72
+81				3.4	236.1
+86				8.2	231.3
+96				11.0	228.5
13+00				10.8	228.7
+33				10.9	228.6
J.P.		7.98	234.75	12.72	226.77
+50	M.H. bottom of Canyon.			11.77	222.98

Profile Plotted Sheet B-9

✓

Sept. 23/10 Childs, Barber, Taylor

5

Found dead man in Canyon

Cholney Woodworth

Is C-W- the dead man or the man who made this entry?

Tolman

July 24 1928

alley line bet. Grape & Hawthorn
to Crear 32nd

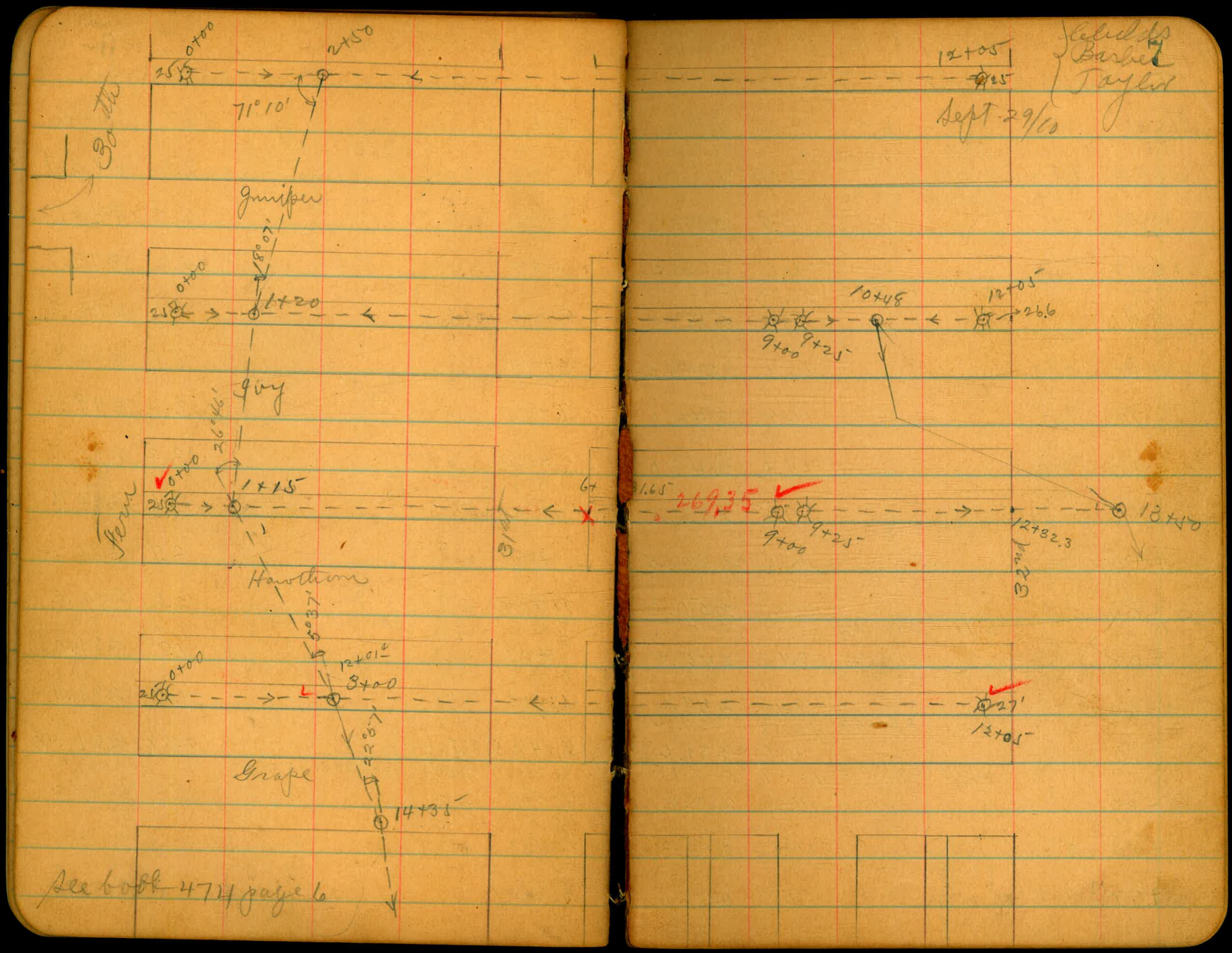
Sta.		H.I.	Rod	Elev.
	1.20	278.36		277.16
J.P.				
0+00	F.S. 25' east 30th		4.24	274.12
+50			5.8	272.6
1+00			6.3	272.1
+50			6.3	272.1
2+00			9.2	269.2
	0.70	266.22	12.84	265.52
J.P.				
+45			5.2	261.0
+50			6.6	259.6
	1.10	254.68	12.64	253.58
J.P.	5.52	248.03	12.17	242.51
J.P.				
3+00	M.H. Bottom of Canyon		11.20	236.83
+05			12.5	235.6
+25			8.4	239.6
	12.29	259.94	0.38	247.65
J.P.				
+50			10.8	249.1
	12.85	272.33	0.46	259.48
J.P.				
4+00			5.8	266.5
+50			0.5	271.8
	11.06	282.87	0.52	271.81
J.P.				
5+00			9.5	273.4
+50			8.6	274.3
6+00			7.9	275.0

from 25' east of 30th

Sept. 23/10 { Child & Barber Taylor

6

Sta.	H.I.	Rod	Elev.
	282.87		
6+50		7.2	275.7
7+00		6.2	276.7
+50		5.2	277.7
8+00		4.7	278.2
+50		4.1	278.8
9+00		3.6	279.3
+50		2.2	280.7
10+00		2.4	280.5
+50		2.7	280.2
11+00		2.6	280.3
+50		1.9	281.0
12+00		1.5	281.4
+05	F.S. 27' from west line of 32nd.	1.39	281.48



Sept 29/10
Fields
Barber
Taylor
30th
0+00
2+50
71°10'
Juniper
18°07'
0+00
1+20
Ivy
26°46'
0+00
1+15
Fern
Hawthorn
5°37'
12+01±
0+00
3+00
Grape
14+35
12+05
9+00
9+25
10+48
12+05
26.6
31.65
269.35
9+00
9+25
12+32.3
13+50
27'
12+05
See book 474 page 6

Alley line bet 3rd & 4th Sts from to Pueblo line (north line)

Sta.			H.I.	Rod	Elev.
T.P.		5.64	275.07		269.43
0+00	F.S. 25'20.9 Grade			4.67	270.40
+50				7.8	267.3
1+00				11.6	263.5
T.P.		0.98	263.02	13,03	262.04
+40				13.8	249.2
+50				15.4	247.6
+72				16.8	246.2
2+00				14.0	249.0
+22				9.5	253.5
+50				10.5	252.5
3+00				12.8	250.2
T.P.		0.11	250.22	12.91	250.11
+50				3.4	246.8
4+00				8.6	241.6
T.P.		0.41	238.05	12.58	237.64
+50				6.4	231.6
T.P.		0.24	225.42	12.87	225.18
5+00				5.2	220.2
+50	3' above bottom of canyon			10.1	215.3
+77				7.8	217.6

25'20.9 of Grade of South park) Sept. 30/10 Clear Calculated by Barber Joyce 8

Sta.			H.I.	Rod	Elev.
			225.42		
6+00				11.1	214.3
T.P.		0.13	212.74	12.81	212.61
+50				1.1	211.6
7+00				8.5	204.2
+50				3.5	209.2
+59	Roi line Elev.			3.7	209.0
8+00				3.5	209.2
+25				1.8	210.9
+50				2,9	209.8
9+00				6.3	206.4
T.P.		0.19	199.90	13.03	199.71
+50				1.1	198.8
+90				7.2	192.7
10+00				10.7	189.2
T.P.		5.38	192.68	12,60	187.30
+38	mth bottom of Canyon			8.94	183.74
+50				9.6	183.1
+95				9.9	182.8
11+00				8.9	183.8
			199.90		
+22				10.0	189.9

Cont. from page 8

Sta.		H.I.	Rod	Elev.
		199.90		
11+50			7.3	192.6
12+00			7.8	192.1
+15	F.S. near no. line of So. park.		10.8	189.1

✓

Profile Slotted Sheet B 10

Sept. 30/10 { Schulds Barber Taylor

9

276.61 B.M. NE. cor. 30th & Grape.
2.61
279.22 H.I.
9.79
269.43 S.P.
5.64
275.07 H.I.

Alley line bet. 8da & 32nd from near no. line of So. park.

Sta.			H.I.	Rod	Elev.
					270.40
	J.P.	6.91	277.31		
0+00	F.S. 25' So. of Grape			0.2	277.1
+50	Grape line			1.41	275.90
1+00				2.7	274.6
+50				5.1	272.2
2+00				9.7	267.6
	J.P.	0.61	264.95	12.97	264.34
+39				3.0	261.9
+50				7.7	257.2
+62				9.5	255.4
3+00				8.4	256.5
+40.3	No. line Fir			10.7	254.2
+50				11.8	253.1
	J.P.	0.15	252.30	12.80	252.15
4+00				2.2	250.1
+50				8.9	243.4
5+00				12.0	240.3
	J.P.	0.17	239.55	12.92	239.38
+50				4.6	234.9
6+00	abnt 5' deep			11.0	228.5

25' So. of Grape to

Oct. 1/10 {Childs Barker Taylor

Sta.			H.I.	Rod	Elev.
			239.55		
6+50				13.1	226.4
	J.P.	0.76	227.41	12.90	226.65
7+00				6.4	221.0
+50				10.9	216.5
	J.P.	0.21	214.75	12.87	214.54
8+00				2.3	212.4
+50				8.4	206.3
	J.P.	5.33	207.31	12.77	201.98
+93				11.5	195.8
9+00				11.0	196.3
+05	M.H. Bottom of Canyon			10.60	196.71
+50				3.6	203.7
	J.P.	12.07	218.76	0.62	206.69
10+00				6.7	212.1
	J.P.	11.60	230.13	0.23	218.53
+50				8.0	222.1
11+00				0.3	229.8
	J.P.	12.81	242.41	0.53	229.60
+50				7.1	235.3
12+00				3.5	238.9
+40	F.S. abnt 24' from pueblo line			1.32	241.09

alley line bet. Fern & Grove & bet. Fir & Elm from
25' Rd. of Fir to bottom of canyon near east side of Grove.

Oct. 3/10 { Childs Bagley Taylor

Sta.		H.I.	Rod	Elev.
BM				257.23
	5.21	262.44		
0+00	F.S. 25' Rd. of Fir. street		5.87	256.57
+50			6.9	255.5
1+00			7.7	254.7
+50			9.4	253.0
+67.7	M.H. center alley both ways (angle)		10.03	252.41
2+00			11.1	251.3
T.P.	0.25	249.82	12.87	249.57
+40			3.7	246.1
+50			7.0	242.8
+69			11.8	238.0
T.P.	0.12	237.05	12.89	236.93
T.P.	0.17	224.36	12.86	224.19
3+00			2.4	222.0
T.S.	5.03	219.07	10.32	214.04
+33	M.H. bottom of Canyon		9.27	209.80

333.0
167.7
165.3

Surveyed Oct 10

Grove street line from 25' so. of Elm to Sta. 12+50 Oct. 3/10 {Childs Barber Taylor

bet. ash + Beech.

Sta.			H.I.	Rod	Elev.
J.P.		1.65	238.58		236.93
0+00	F.J. 25 so. of Elm.			5.63	232.95
+50				9.7	228.9
J.P.		0.36	225.96	12.98	225.60
1+00				9.1	216.9
J.P.		0.11	213.03	13.04	212.92
J.P.		10.89	211.42	12.50	200.53
+45	M.H. bottom of canyon			12.84	198.58
+50				11.9	199.5
J.P.		12.77	223.87	0.32	211.10
2+00				7.7	216.2
+15				3.4	220.5
		4.03	227.79	0.11	223.76
+50				2.9	224.9
3+00		about 13' deep		2.7	225.1
+50				7.0	220.8
4+00		0.4% grade		8.8	219.0
+40	about 5' deep.			10.0	217.8
+50				12.9	214.9
J.P.		3.25	218.21	12.83	214.96
+85				13.1	205.1
5+00				8.0	210.2
J.P.		9.74	227.76	0.19	218.02
+30		about 5' deep		9.3	218.5

Sta.			H.I.	Rod	Elev.
			227.76		
5+50				7.3	220.5
6+00				4.5	223.3
+20	F.I.				
+50				3.1	224.7
+59.9	No. line Cedar.			2.6	225.2
7+00				2.0	225.8
+50				1.5	226.3
J.P.		9.93	236.86	0.83	226.93
8+00				9.1	227.8
+50				7.9	229.0
9+00				7.4	229.5
+50				6.8	230.1
10+00				5.7	231.2
+40.7	No. line Beech			4.4	232.5
+50	about 5' deep.			4.1	232.8
11+00				2.9	234.0
J.P.		6.64	241.46	2.04	234.82
+50				5.1	236.4
12+00				4.8	236.7
+50	F.J. bet Beech + ash			5.22	236.24

Profile Plotted Sheet B-1

Jn

B 1st street from 125' no. of north line of So. park to sta. 8+50 Oct. 6/10 Childs Barber Taylor 13
So. of Beech.

Sta.			H.I.	Rod	Elev.
J.P.		7.53	191.27		183.74
0+00	M.H. bottom of canyon?			13.26	178.01
+50				12.3	179.0
J.P.		12.40	203.12	0.55	190.72
+93				10.3	192.8
1+00				9.7	193.4
+25	pueblo line no. line So. park,			8.5	194.6
+50				8.0	195.1
2+00				5.4	197.7
J.P.		10.88	212.07	1.93	201.19
+50				11.1	201.0
3+00				9.7	202.4
+50				3.9	208.2
J.P.		12.62	223.26	1.43	210.64
4+00				9.0	214.3
+50				4.5	218.8
5+00				4.1	219.2
+50				5.7	217.6
6+00				4.7	218.6
J.P.		12.60	232.72	3.14	220.12
+50				10.0	222.7

Sta.			H.I.	Rod	Elev.
			232.72		
6+85.7	No. line of Beech.			6.8	225.9
7+00				4.0	228.7
+50				0.4	232.3
J.P.		8.04	240.08	0.68	232.04
8+00				5.4	234.7
+50	F.T. So. of Beech,			4.44	235.64

Profile Placed
Sheet B-11

Ida street line from 25' north of ash to sta 8+90 Oct. 8/10 Childs Barker Taylor 14

near north line of So. Park.

Sta.			H.I.	Rod	Elev.
J.P.		2.75	239.53		236.78
0+00	F.S. 25 north of ash street.			0.79	238.74
+50				1.2	238.3
1+00				3.0	236.5
+43				6.2	233.3
+45				8.5	231.0
+50				8.2	231.3
+58				6.9	232.6
+73				11.8	227.7
J.P.		0.26	226.93	12.86	226.67
2+00				3.6	223.3
+40				11.6	215.3
J.P.		0.11	214.09	12.95	213.98
+50				1.9	212.2
J.P.		0.15	201.60	12.64	201.45
3+00				1.2	200.4
J.P.		0.19	189.19	12.60	189.00
+50				2.9	186.3
J.P.		0.29	176.80	12.68	176.51
4+00				1.4	175.4
+25				7.1	169.7
+50				12.7	164.1

Sta.			H.I.	Rod	Elev.
J.P.		8.18	172.20	12.78	164.02
4+80				12.2	160.0
5+00	M.H. bottom of Canyon			12.60	159.60
+50				12.0	160.2
+63				12.5	159.7
+66				13.6	158.6
+73				12.0	160.2
+86				10.9	161.3
6+00				4.6	167.6
J.P.		12.98	184.87	0.31	171.89
J.P.		12.83	197.61	0.09	184.78
+50				10.4	187.2
J.P.		12.90	210.52	-0.01	197.62
7+00				7.2	203.3
J.P.		12.90	223.13	0.29	210.23
+50				8.5	214.6
J.P.		12.85	235.29	0.69	222.44
8+00				13.2	222.1
+50				6.5	228.8
+90	F.S. near pueblo line			3.0	232.3

Profile Slotted B-11

Lot line bet. 31st & Ida. from
to Sta. 3+17 bottom of Canyon

Sta.			H.I.	Rod	Elev.
J.P.		2.54	238.18		235.64
J.P.		0.12	225.34	12.96	225.22
0+00	F.T. 25 No. of			3.33	222.01
J.P.	Beech	0.22	212.61	12.95	212.39
+50				1.8	210.8
J.P.		0.76	200.87	12.50	200.11
1+00				6.4	194.5
J.P.		0.32	188.29	12.90	187.97
+47				11.3	177.0
+50				12.8	175.5
+53				14.3	174.0
+76				8.0	180.3
2+00				9.4	178.9
J.P.		0.06	175.46	12.89	175.40
+25				1.0	174.5
+50				7.3	168.2
3+00				9.5	166.0
+17	M.H. bottom of canyon about 2' no. of center of cedar.			9.34	166.12

Profile Plotted B-11

25" No. of Beech

Oct. 10/10

Childs
Barber
Taylor

Lot. line bet. Ida + 32nd from 25 so. of Cedar

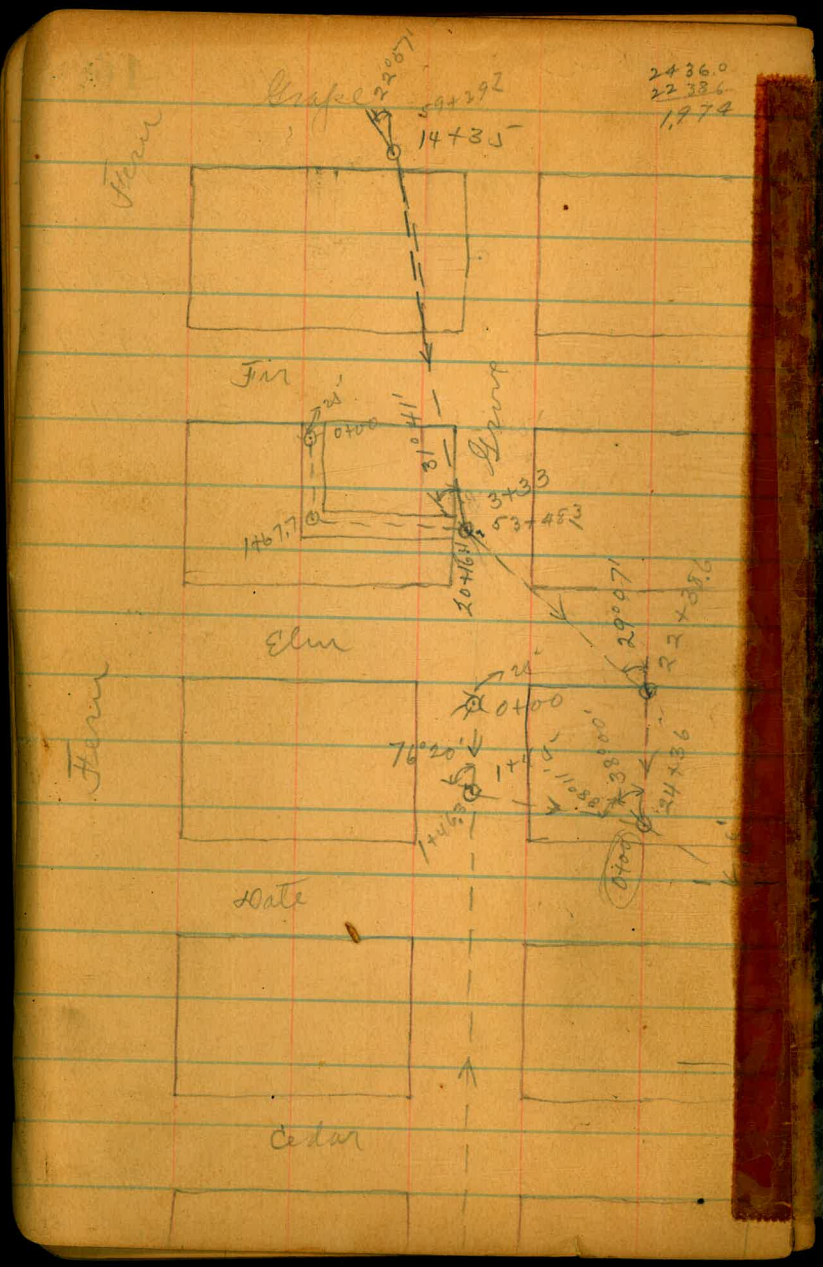
Oct. 10/10 { Childs Bowler Taylor

to Sta.

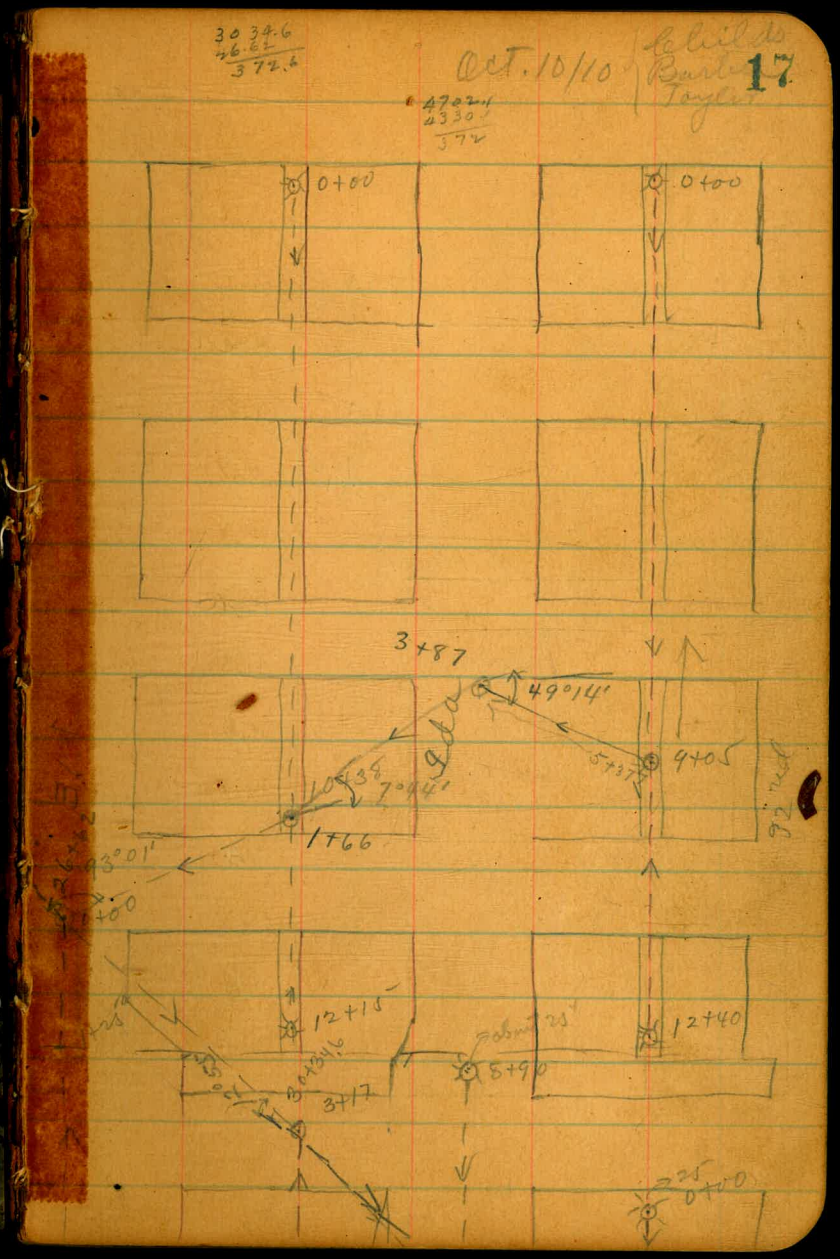
Sta.			H.I.	Rod	Elev.
J.P.		2.15	214.54		212.
0+00	F.S. 25' so. of Cedar			0.62	213.
+50				12.8	201.7
J.P.		0.15	201.79	12.90	201.
1+00	about 10' deep			11.6	190.
J.P.		1.07	190.23	12.63	189.
J.P.		-0.03	177.74	12.46	177.
+50				3.3	174.
J.P.		0.76	165.73	12.77	164.
2+00				5.5	160.2
+20				10.2	155.
+35				10.3	155.
J.P.		9.77	162.75	12.75	152.9
+50				10.5	152.
+61				12.5	150.
+67				11.0	151
+75	M.H. bottom of Canyon no. line of Beech.			11.03	151.
3+00				10.3	152.
+30				7.1	155
+50				1.8	160
J.P.		11.70	173.82	0.63	162.
4+00				1.6	172.
J.P.		11.04	184.27	0.59	173.
+50				3.0	181.

Sta			H.I.	Rod	Elev.
J.P.		11.78	195.05	1.00	183.27
5+00				5.8	189.2
J.P.		12.79	207.62	0.22	194.83
+50				12.9	194.7
6+00				8.9	198.7
+30	F.S. about 25 no. of ash		✓	6.25	201.37

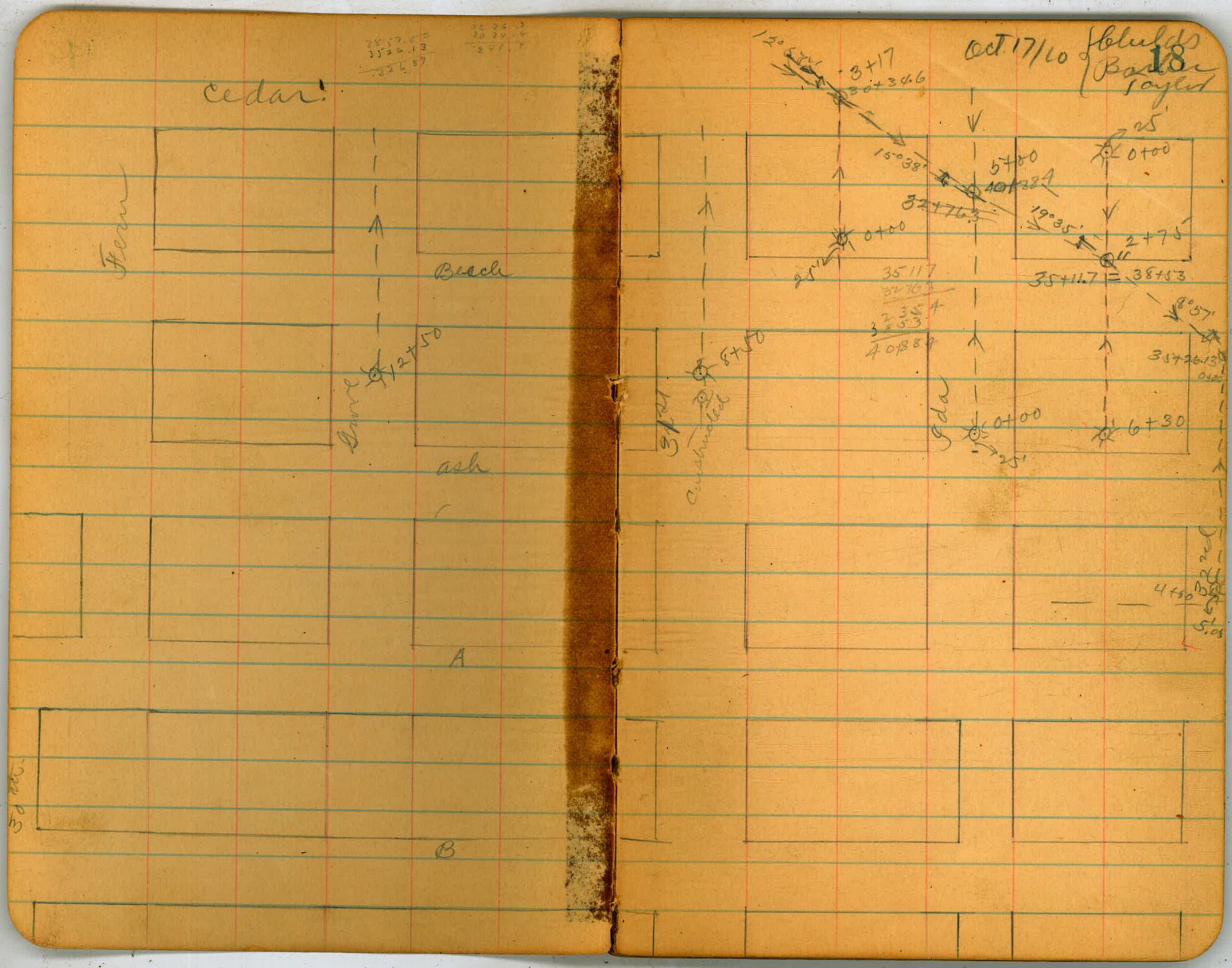
Profile Started Sheet B-12



Grape
Fern
Fir
Elm
Date
Cedar
14+35
0+00
3+33
53+48.3
76°20'



Oct. 10/10
Childs
Barb
Taylor
17
0+00
3+87
49°14'
9+05
1+66
12+15
12+40
3+17
8+90


Cedar
Fern
Beech
Grove
ash
A
B
Oct. 17/10
Clulds
Barber
Taylor
18
3+17
30+34.6
15°38'
5+00
40+88.4
32+76.3
19°35'
0+00
2+75
35+11.7 = 38+53
8°57'
35+26.13
0+00
6+30
8+50
Constructed
Ida
4+80
5.05

Canyon line from Sta. 2+50 on & Kalmia to Sta on lot line

Sta.		H.I.	Rod	Elev.
0+00	M.H. Sta. 2+50 on alley line bet. Juniper & Kalmia	288.20	1.45	286.75
+50			2.0	286.2
1+00			2.9	285.3
+50			3.6	284.6
2+00			4.1	284.1
+50			4.3	283.9
3+00			4.9	283.3
+50			6.3	281.9
4+00			7.2	281.0
+01.5	M.H. Sta 1+20 on alley line bet. Juniper & Ivy.		7.10	281.10
+23			8.0	280.2
+50			12.2	276.0
T.P.	2.33	277.80	12.73	275.47
5+00			5.7	272.1
+50			7.2	270.6
+78			2.2	275.6
6+00			3.0	274.8

Sheet B 13

alley line bet. Juniper bet. Ida & 32nd st. Oct. 13/10 Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
6+14		277.80	2.8	275.0
+50			5.2	272.6
7+00			6.9	270.9
+40			9.2	268.6
+50			11.3	266.5
T.P.	0.13	265.41	12.52	265.28
+80	M.H. Sta 1+15 on alley line bet. Ivy & Hawthorn		7.30	258.11
8+00			7.7	257.7
+12			7.8	257.6
+25			1.3	264.1
+50			1.1	264.3
9+00			1.3	264.1
+42			3.0	262.4
+46			3.8	261.6
+50			4.2	261.2
10+00			5.5	259.9
+33			5.6	259.8

Cont. from page 19

Sta.		H.I.	Rod	Elev.
B.S.	0.04	253.05	12.40	253.01
10+50			3.2	249.8
+60			7.7	245.3
+72			10.7	242.3
+84			11.3	241.7
11+00			9.7	243.3
+50			8.3	244.7
+75			11.2	241.8
F.S.	1.91	242.09	12.87	240.18
12+00			5.0	237
+01.4	M.H. Sta. 3+00 on alley line bet. Hawthorn + Grape.		5.22	236.87
+37			7.8	234.3
+50			7.3	234.8
+79			9.5	232.6
13+00			7.9	234.2
+50			9.6	232.5
+80			12.4	229.7
14+00			12.7	229.4

Oct. 17/10 { Child / Barber } Page 20

Sta.		H.I.	Rod	Elev.
14+35	M.H. about 8' north of 20. line of Grape	231.22	11.33	230.76
B.S.		0.46		
+50			2.3	228.9
15+00			6.4	224.8
+50			7.9	223.3
16+00			6.1	225.1
+50			7.2	224.0
17+00			9.1	222.1
+50			11.6	219.6
F.S.		0.30	12.91	218.31
18+00			4.8	213.5
+50			5.0	213.6
19+00			5.9	212.7
+43			10.8	207.8
+50			10.4	208.2
20+00			9.8	208.8
+16.4	Sta. 34+33 M.H. center alley bet. Fir + Elm.		8.81	209.80
+26			9.2	209.4

Cont. from page 20.

Sta.		H.I.	Rod	Elev.
20+50		218.61	12.7	205.9
T.P.	0.34	206.23	12.72	205.89
21+00			4.7	201.5
+50			6.6	199.6
+81			8.3	197.9
22+00			12.2	194.0
+38.6	m.H. Sta. Elev on lot line bet. 31st & Grove.		12.00	194.23
+50			12.9	193.3
+65			14.4	191.8
+80			11.6	194.6
23+00			11.3	194.9
+50			12.2	194.0
T.P.	3.56	197.09	12.70	193.53
24+00			7.7	189.4
+13			8.4	188.7
+36	m.H. angle on lot line bet. 31st & Grove.		6.98	190.11
+50			7.7	189.1
25+00			12.2	184.9

Oct. 17/10 | Schilds Barr 21 Taylor

Sta.		H.I.	Rod	Elev.
T.P.	0.09	184.35	12.83	184.26
25+50			2.3	182.0
+60			2.4	181.9
+65			3.7	180.6
26+00			4.0	180.3
+20			6.7	177.6
+22			5.2	179.1
+50			5.7	178.6
+62	m.H. Sta. 0+00 on 31st St.		6.32	178.03
27+00			7.2	174.1
+50			3.9	180.4
28+00			8.5	175.8
+50			10.6	173.7
T.P.	0.95	172.40	12.90	171.45
29+00			2.3	170.1
+38			4.2	168.2
+50			3.9	166.5
+60			6.8	165.6

Cont. from page 21

Sta.		H.I.	Rod	Elev
29+70		172.40	6.0	166.4
+90			6.5	165.9
30+00			7.3	165.1
+04			7.8	164.6
+19			6.3	166.1
+34.6	M.H. Sta. 3+17 on lot line bet. 31st & Ida.		6.19	166.21
+50			7.0	165.4
31+00			8.6	163.8
+21			9.4	163.0
+23			10.3	162.1
+27			9.5	162.9
+50			10.8	161.6
+55			11.8	160.6
+72			10.4	162.0
32+00			10.8	161.6
+50			11.2	161.2

3034.6
2662
3726

Oct. 17/10 Childs Barber Taylor 22

Sta.		H.I.	Rod	Elev.
32+76.3 T.P.	M.H. Sta. 5+00 on Ida Street 0.83	160.47	12.76	159.64
33+00			3.0	157.5
+16			3.8	156.7
+20			4.5	156.0
+24			3.9	156.6
+50			3.1	157.4
34+00			6.2	154.3
+39			7.8	152.7
+47			9.2	151.3
+50			8.7	151.8
+67			7.7	152.8
35+00			8.3	152.2
+11.7	M.H. Sta. 2+75 on lot line bet. Ida & 32nd.		8.79	151.68

Sheet B, 13

Canyon line from Sta. 24+36 on lot line bet. Grove & 31st
to Sta. 1+45 on Grove street.

Oct. 20/10 { Chulick, Barbo, Taylor

Sta.		H.I.	Rod	Elev.
0+00	M.H. Sta 24+36 on main canyon line	202.72	12.61	190.11
+48			9.0	193.7
+50			10.8	191.9
+66			8.1	194.6
+75			9.5	193.2
1+00			5.2	197.5
+46.3	M.H. Sta. 1+45 on Grove St. line		4.14	198.58

✓

Sheet B 12

Canyon line from sta. 26+62 on center 31st to
Sta. 9+05 on alleyline bet. Ida & 32nd.

Oct 20/40 | Childs Barber Taylor

24

Sta.		H.I.	Rod	Elev.
0+00	M.H. Sta. 26+62 on main line center of 31st.	189.26	11.23	178.03
+29			13.3	176.0
+45			4.4	184.9
+50			3.6	185.7
+56			3.6	185.7
+77			8.5	180.8
1+00			6.0	183.3
+40			3.3	186.0
+50			3.8	185.5
+57			5.5	183.8
+66	M.H. Sta. 10+38 on alley line bet. Ida & 31st		5.50	183.76
2+00			4.4	184.9
+50			2.7	186.6
3+00			1.7	187.6
T.P.		12.29	201.31	0.24	189.02
+50			11.7	189.6
+87	M.H. angle in Ida.		10.68	190.63

Sta.		H.I.	Rod	Elev.
4+00		201.31	10.8	190.5
+50			9.2	192.1
5+00			6.6	194.7
+37.7	M.H. sta. 9+05 on alley line bet. Ida & 32nd.		4.56	196.75

✓

Sheet B-12

alley line bet. A & B from 25' north Sta 21+50 east of 35

Sta.			H.I.	Rod	Elev.
	T.P.	0.34	155.92		155.58
0+00	F.S. 25' East of 32nd.			3.38	152.54
+30				10.3	145.6
	T.P.	0.58	143.76	12.74	143.18
+50				4.3	138.5
+70				9.7	134.1
	T.P.	1.34	132.32	12.78	130.98
1+00				10.5	121.8
+15				14.7	117.6
	T.P.	11.40	130.79	12.93	119.39
+40	M.H. bottom of Canyon			12.89	117.90
+50				13.4	117.4
2+00				5.8	125.0
	T.P.	12.44	142.90	0.33	130.46
+50				10.1	132.8
3+00				2.0	140.9
	T.P.	8.05	150.59	0.36	142.54
+50				3.6	147.0
+75	F.S. west, hub.			2.21	148.4
4+00	F.S. east			2.6	148.0
+50				5.9	144.7
5+00				10.9	139.7

east of 32nd to

Oct. 31/10 { Childs Barber Tayler

Sta.			H.I.	Rod	Elev.
	T.P.	6.01	143.80	12.80	137.79
5+30				8.6	135.2
+43				14.3	129.5
+50				11.0	132.8
+70	M.H. bottom of Canyon		see book 942-79 for levels to M.H. bet B & C.	9.07	134.73
+84				9.9	134.9
6+00				4.6	139.2
+18				1.9	141.9
	T.P.	12.93	155.94	0.79	143.01
+34.1	East line 33rd.			9.6	146.3
+50				6.2	149.7
	T.P.	12.49	168.14	0.29	155.65
7+00				11.6	156.5
+50				5.1	163.0
	T.P.	12.96	180.20	0.90	167.24
8+00				8.5	171.7
	T.P.	13.02	193.24	-0.02	180.22
+50				13.3	179.9
9+00				9.3	183.9
+50				7.7	185.5
10+00				7.3	185.9

Cont. from page 25

Dec. 21/10 { Childs, Taylor, Bennett

Sta.			H.I.	Rod	Elev.
			193.24		
10+50				5.8	187.4
11+00				4.3	188.9
+50	F.S. West. hub			3.29	190.0
+75	F.S. east			3.3	190.0
12+00				4.3	189.0
+34.3	West line 34th			7.4	185.8
+50				7.9	185.3
13+00				12.0	181.2
J.P.		1.58	182.61	12.21	181.03
+50				5.6	177.0
14+00				10.4	172.2
J.P.		1.07	171.05	12.63	169.98
+50				3.3	167.7
15+00				8.6	162.4
J.P.		0.60	158.86	12.79	158.26
+50				3.5	155.4
16+00				10.0	148.9
J.P.		0.68	147.19	12.35	146.5
+50				7.6	139.6
J.P.		0.65	135.11	12.73	134.46
+75				1.8	133.3

Sta.			H.I.	Rod	Elev.
			135.11		
17+00				11.1	124.0
J.P.		0.99	123.82	12.28	122.83
J.P.		0.13	111.32	12.63	111.19
+50				11.2	100.1
J.P.		0.15	99.45	12.02	99.30
+65				5.1	94.3
J.P.		0.23	86.85	12.83	86.62
18+00				2.3	84.5
+50				5.7	81.1
19+00				7.8	79.0
+50				10.6	76.2
J.P.		2.35	76.20	13.00	73.85
20+00				3.0	73.2
+50				5.2	71.0
21+00				6.5	69.7
+50	[illegible]			6.84	69.36
+79	M.H. bottom of canyon.			6.93	69.27

Sheet B.14

Alley line bet. B & C Street from 25' east of 32nd to Sta. 22+25 east of 35' — Dec. 22/10 — Childs Taylor Bunker

Sta.		H.I.	Rod	Elev.
	11.04	163.58		152.54
0+00	F.S. 25' east of 32nd street		6.45	157.13
T.P.	0.45	151.89	12.14	151.40
+50			7.7	144.2
T.P.	0.94	140.18	12.65	139.24
1+00			5.2	135.0
+50			13.0	147.8
T.P.	1.47	128.64	13.01	127.17
2+00			4.2	124.4
+45			7.1	121.5
+50			8.4	120.2
T.P.	1.51	117.26	12.89	115.75
+85			6.6	110.7
3+00			10.3	107.0
+20	M.H. bottom of canyon		10.87	106.39
+50			10.3	107.0
+55			9.6	107.7
+65			6.7	110.6
4+00			3.4	113.9
+30			4.4	112.9
+42			6.4	110.9

Set 10-B

Sta.		H.I.	Rod	Elev.
		117.26		
4+50			7.6	109.7
+54	M.H. bottom of canyon	See book 942-79	8.06	109.20
+57			8.7	108.6
+68			6.5	110.8
T.P.		127.94	1.13	116.13
5+00			10.0	117.9
T.P.		139.75	0.35	127.59
+50			9.2	130.5
+75.65	West line of 33rd Street		5.1	134.6
6+00			3.0	136.7
+50			0.3	139.4
T.P.		150.47	0.69	139.06
7+00			7.1	143.4
+50			2.5	148.0
T.P.		163.26	0.27	150.20
8+00			9.0	154.3
+50			3.0	160.3
T.P.		169.63	0.88	162.38
9+00			4.4	165.2
+50	Not less than 8' deep		1.9	167.7
9+75	E.S. west curb		0.92	168.7

Cont. from page 28

Sta.			H.I. 169.65	Rod	Elev.
10+00	F.S. east not less than 8' deep			1.1	1685
+50				3.0	1666
11+00				6.3	163.3
+22				9.4	160.2
+43				13.3	156.3
+50	not less than 8' deep			13.4	156.2
12+00				11.5	158.1
+37.0	west line 34th			11.9	159.7
+50	about 11' deep.			12.5	157.1
T.P.		0.10	157.27	12.48	157.17
13+00				4.4	152.9
+50				9.2	148.1
+93				15.8	141.5
14+00				18.0	139.3
T.P.		2.69	147.61	12.35	144.92
+36	about 5' deep			9.4	138.2
+39				8.0	139.6
+50				7.2	140.4

Sta.		H.I. 147.61	Rod	Elev.
14+60			5.4	142.2
15+00			3.1	144.5
+50			1.4	146.2
16+00			4.2	143.4
+25			8.3	139.3
T.P.	0.10	135.14	12.57	135.04
+50			5.1	130.0
T.P.	0.07	122.50	12.71	122.43
+85			13.8	108.7
T.P.	0.39	109.84	13.05	109.45
17+00			7.4	102.4
+08			11.8	98.0
T.P.	0,34	97.23	12.95	96.89
+16			3.8	93.4
+27			10.5	86.7
T.P.	0.86	85.81	12.28	84.95
+50			8.6	77.2
T.P.	0.67	73.84	12.64	73.17
18+00			7.3	66.5
+50			9.9	63.9
19+00			10.1	63.7
+50			11.1	62.7

Cont. from page 28

Dec. 23/10 { Childs, Taylor, Bunch

Sta.			H.I.	Rod	Elev.	Sta.
			73.84			
19+80				10.1	63.7	
+85				13.3	60.5	
20+00				14.0	59.8	
+24				12.0	61.8	
+50				11.0	62.8	
21+00	M.H. bottom of Camp.			10.58	63.26	
+21				9.2	64.6	
+32				4.2	69.6	
J.P.		12.28	85.92	0.20	73.64	
+44				8.6	77.3	
+50				5.8	80.1	
+56				6.4	79.5	
+83				3.4	82.5	
J.P.		10.98	95.53	1.3.7	84.55	
22+00				9.7	85.8	
+25	F.S. near pueblo line			6.2	89.3	

B-15

alley line bet. C & D from 25' east of 32nd to Dec. 23/10 {Childs Jay Bunker 30

Sta. 22+25 east of 35th street

Sta.			H.I.	Rod	Elev.
J.P.		12.38	169.51		157.13
0+00	F.S. 25 east of 32nd street			7.93	161.6
+12				10.4	159.1
+50				14.0	155.5
+59				14.7	154.8
+62				13.5	156.0
1+00				11.2	158.3
+50	not less than 10' deep			10.7	158.8
J.P.		1.28	158.03	12.76	156.75
2+00				4.4	153.6
+34				9.0	148.0
+46				11.4	146.6
+50				13.0	145.0
J.P.		0.63	145.88	12.78	145.25
J.P.		0.19	134.09	11.98	133.90
+85				2.3	131.8
3+00				9.6	124.5
J.P.		0.98	122.59	12.48	121.61
J.P.		0.65	110.72	12.52	110.07
+50				2.7	108.0
4+00				11.0	99.7
J.P.		8.93	106.75	12.90	97.82
+50				10.5	96.2

Sheet B-16

Sta.			H.I.	Rod	Elev.
			106.75		
4+66				11.1	95.6
+70			800	12.5	94.2
+74			489 / 311	11.4	95.3
+89	M.H. bottom of Canyon			10.82	95.93
+97				10.3	96.4
5+00				9.2	97.5
+16				2.0	104.7
J.P.		9.28	115.75	0.28	106.47
+29				6.8	108.9
+50				4.6	111.1
+76.4	west line 33rd			4.8	110.9
6+00				5.5	110.2
+50				6.4	109.3
7+00				5.7	110.0
+50				5.0	110.7
8+00	F.S. west			1.1	114.6
+25	F.S. east limb			0.40	115.3

Cont. from page 30

Sta		H.I. 115.75	Rod	Elev.
8+50			2.4	113.3
9+00			2.0	113.7
+50			1.2	114.5
10+00			1.7	114.0
+50			2.5	113.2
11+00			3.2	112.5
+50			3.2	112.5
12+00			3.5	112.2
+37.15 west line 34th street			4.8	110.9
+50			5.9	109.8
13+00			7.8	107.9
+50			7.3	108.4
14+00			10.9	104.8
T.P.	0.72	103.57	12.90	102.85
+50			3.3	100.3
15+00			3.6	100.0
+50			7.2	96.4

Sta.		H.I. 103.57	Rod	Elev.
16+00			11.7	91.9
T.P.	0.34	91.20	12.71	90.86
+50			1.8	89.4
17+00			4.5	86.7
+06			5.4	85.8
+10			9.7	81.5
+18			11.0	80.2
T.P.	0.75	79.18	12.77	78.43
+27			4.4	74.8
+50			10.5	68.7
T.P.	0.10	66.51	12.77	66.41
+65			3.9	62.6
18+00			7.0	59.5
+50			7.6	58.9
19+00			7.7	58.8
+50			8.5	58.0
20+00			8.6	57.9
+75 M.H. bottom of campfire			8.27	58.24
+50			9.4	57.1

Cont. from page 31

Sta.			H.I.	Rod	Elev.
			66.51		
20+72				9.3	57.2
+88				12.9	53.6
21+00				7.5	59.0
+10				3.9	62.6
J.P.		11.11	76.53	1.09	65.42
+50				9.4	67.1
22+00				5.7	70.8
+25	F.S. last of 35th street			2.08	74.4

Sheet B 16

Dec. 27/10 {Childs, Taylor, Brown} 32

alley line bet. D & E from 25' last of 32nd to sta 5+50 about 25' west of 33rd st.

Dec 27/10 { Schilds Taylor Brin

Sta.			H.I.	Rod	Elev.
J.P.	about 9' deep	1.29	135.19		133.90
J.P.		3.79	126.48	12.50	122.69
0+00	F.S. 25' last			5.49	121.0
J.P.	of 32nd street	0.25	114.52	12.21	114.27
+50	of 0			1.5	113.0
1+00				6.7	107.8
+50				10.0	104.5
J.P.		5.03	107.33	12.22	102.30
2+00	about 7' deep.			6.2	101.1
+50				7.3	100.0
+70				9.9	97.4
J.P.		0.38	94.95	12.76	94.57
3+00				8.3	86.6
+17				10.2	84.7
+42				11.9	83.0
+50				10.3	84.6
+93	M.H. bottom of Camper			8.09	86.86
4+00				7.7	87.2
+43				1.5	93.4
+50	about 9' deep.			0.9	94.0
J.P.		6.49	100.81	0.63	94.32
5+00				4.0	96.8

Sta.		H.I.	Rod	Elev
5+50	F.S. about 25' from 33rd street	100.81	3.18	97.63

Sheet B-12

alley line bet. E & F street from 25' east of 32nd to sta. 5+50 about 25' west of 33rd.

Dec. 28/10 {Childs, Taylor, Bunker}

Sta.			H.I.	Rod	Elev.
J.P.		0.61	114.88		114.27
J.P.	about 8' deep,	10.91	102.72	13.07	101.81
0+00	F.S. 25' east of 32nd street			6.61	96.11
+50				7.8	94.9
1+00				9.6	93.1
+50				12.5	90.2
J.P.		0.35	90.83	12.24	90.48
2+00				3.1	87.7
+18				5.5	85.3
+40				10.4	80.4
J.P.		3.84	82.07	12.60	78.23
+50				5.5	76.6
+75	M.H. bottom of canyon			9.36	72.71
3+00				9.0	73.1
+50				1.8	80.3
J.P.		10.97	92.47	0.57	81.50
4+00				6.2	86.3
+50				4.7	87.8
5+00				4.5	88.0
+50	F.S. about 25' from 33rd st.			3.85	88.6

Sheet B.12

alley line bet. G+F from 25' sta. 22+64 east of 34th

Sta.			H.I.	Rod	Elev.
			96.63		96.11
J.P.		0.52			
0+00	F.S. 25' west of			11.27	85.36
J.P.	32nd Street	1.69	87.05		
+50				3.9	83.1
+74				4.3	82.7
+85	east line of 32nd.			7.4	79.6
1+00				8.5	78.5
+30				9.3	77.7
+50				6.8	80.2
2+00				7.9	79.1
+26				11.2	75.9
J.P.		1.82	76.85	12.02	75.03
+35				4.8	72.0
+50				4.9	71.9
+52				3.4	73.4
+75				7.0	69.8
+90				11.2	65.6
3+00				12.3	64.5
+05				14.0	62.8

West 11

west of 32nd to

Jan 4/11 (Shields Taylor Bunker)

Sta.			H.I.	Rod	Elev.
			76.85		
3+12				12.1	64.7
+40	M.H. bottom of canyon			12.45	64.40
+50				13.9	62.9
+53				12.9	63.9
+77				12.0	64.8
4+00				4.2	72.6
J.P.		7.57	83.26	1.16	75.69
+11				5.5	77.8
+20	F.S. west line			4.24	79.0
+50	F.S. East			3.8	79.5
5+00				3.6	79.7
+50				5.0	78.3
6+00				5.3	78.0
+50				5.9	77.4
7+00				4.8	78.5
+02.6	17' east of west line of 33rd.			5.4	77.9
+50				6.7	76.6

Cont. from page 35

Sta.			H.I.	Rod	Elev.
			83.26		
8+00				6.3	77.0
+03	Top of Res.			6.1	77.2
T.P.		10.92	78.13	6.05	77.21
+04	bottom of Res.			9.9	68.2
+31	" " "			10.5	67.6
+32	Top " "			1.5	76.6
+44				2.0	76.1
+50				4.7	73.4
+57				7.1	71.0
9+00				8.9	69.2
+50				10.4	67.7
10+00				11.8	66.3
T.P.		0.70	66.16	12.67	65.46
+50				2.7	63.5
11+00				4.0	62.2
+50				6.7	59.5
+56				8.0	58.2
+66				13.2	53.0

Jan 5/11 { Schild Taylor Bunker

Sta.		H.I.	Rod	Elev.
T.P.	0.37	53.93	12.60	53.56
11+72			6.0	47.9
11+96			9.9	44.0
12+00			10.1	43.8
T.P.	2.41	46.93	9.41	44.52
+50			5.0	41.9
13+00			4.5	42.4
+50			4.4	42.5
14+00			4.2	42.7
+50			3.7	43.2
15+00			3.9	43.0
+50			3.1	43.8
16+00			2.6	44.3
+50			2.9	44.0
17+00			2.6	44.3
+50			1.9	45.0
T.P.	3.65	48.67	1.91	45.02
18+00			3.1	45.6
+50			3.6	45.1

Cont. from page 36

Sta.			H.I.	Rod	Elev
			48.67		
19+00				3.1	45.6
+50				4.5	44.2
20+00				3.1	45.6
J.P.		4.76	50.54	2.89	45.78
+27				4.8	45.7
+41				8.9	41.6
+50				9.2	41.3
+79				7.2	43.3
+84				8.9	41.6
+94				9.8	40.7
21+00				8.8	41.7
+07	M.H. bottom of Canyon			8.08	42.46
+40				9.6	40.9
+50				9.6	40.9
+61				9.1	41.4
+67				5.5	45.0
J.P.		12.86	62.72	0.68	49.86
22+00				0.7	62.0

Jan 5/11 {Childs, Taylor, Bucker} 37

Sta.			H.I.	Rod	Elev.
J.P.		12.04	74.36	0.40	62.32
J.P.		12.50	86.57	0.29	74.07
22+50				5.5	81.1
J.P.		5.78	90.69	1.66	84.91
+64	F.S.			2.23	68.4

✓

Strat B-17

alleyline bet. G + H from 170 west of Sta 20+10 east of 34th Street

Sta			H.I.	Rod	Elev
		3.85	88.71		85.36
0+00	F.S. 170' west of 32nd Street			1.12	87.6
+50				1.9	86.8
1+00				2.8	85.9
+50				3.5	85.2
+86				4.6	84.1
+89				6.1	82.6
2+00				6.2	82.5
+14				6.2	82.5
+15				5.0	83.7
+30	East line 32nd			5.4	83.3
+50				6.1	82.6
3+00				10.1	78.6
J.P.		2.70	78.41	13.00	75.71
+50				2.7	75.7
4+00				2.5	75.9
+38				4.9	73.5
+50				2.3	76.1

Plot B 1

32nd to

Jan 6/11 { Schilds Taylor Bunker

38

sta.			H.I.	Rod	Elev.
			78.41		
4+57				7.9	70.5
J.P.		1.45	66.84	13.02	65.39
+83				3.7	63.1
5+00				5.8	61.0
+16				7.8	59.0
+32				13.3	53.5
+50	M.H. Bottom of Canyon.			13.55	53.29
+89				15.3	51.5
+94				14.2	52.6
6+00				13.5	53.3
+26				11.8	55.0
+35				8.2	58.6
+50				1.4	65.4
J.P.		11.95	78.63	0.14	66.70
+74				3.2	75.4
7+00	F.S. west bank			1.43	77.2
+25	F.S. east			1.6	77.0
+50				1.9	76.7

Cont. from page 38

Stat.		H.I. 78.65	Rod	Elev.
7+75			3.5	75.1
8+00			9.9	68.7
J.P.	0.62	66.33	12.94	65.71
+48.2	17' east of west line of 33rd.		4.0	67.3
+50			4.2	67.1
+56			5.8	60.5
9+00			11.7	54.6
J.P.	0.35	54.20	12.48	53.85
+50			2.9	51.3
10+00			4.6	49.6
+50			6.2	48.0
11+00			7.8	46.4
+50			8.8	45.4
12+00			13.0	41.2
J.P.	2.07	43.60	12.67	41.53
+50			4.2	39.4
13+00			4.4	39.2
+50			4.4	39.2
14+00			4.4	39.2

Jan 6/11 { Childs, Taylor, Bunker } 39

Sta.		H.I. 43.60	Rod	Elev.
14+50			4.4	39.2
15+00			4.2	39.4
+50			4.0	39.6
16+00			3.6	40.0
J.P.	5.83	45.68	3.75	39.85
+50			5.6	40.1
17+00			5.4	40.3
+50			5.6	40.1
18+00			5.6	40.1
+50			4.9	40.8
19+00			3.6	42.1
+50			3.8	41.9
+89			5.3	40.4
20+00			7.4	38.3
+10	M.H. bottom of Canyon		7.14	38.54

Elev 46.18

D. street from 25' east of 33rd to Sta. 14+85 east of 35th

Sheet B-18

Sta.			H.I.	Rod	Elev.
T.P.		10.30	107.93		97.63
0+00	F.J. 25' east of 33rd street			0.28	107.6
+50				2.1	105.8
1+00				3.4	104.5
+50				4.0	103.9
2+00				5.8	102.1
+50				7.1	100.8
3+00				7.8	100.1
+50				7.9	100.0
4+00				6.8	101.1
+50				7.8	100.1
5+00				9.6	98.3
+50				9.9	98.0
6+00				10.4	97.5
+35.7	east line 34th street			10.4	97.5
+50				11.1	96.8
T.P.		0.16	95.43	12.66	95.27
7+00	about 13' deep.			2.6	92.8

Jan 12/11 { Childs Taylor Bunker

Sta.			H.I.	Rod	Elev.
7+50			95.43	5.3	90.1
8+00				7.8	87.6
+50				9.7	85.7
9+00				12.7	82.7
T.P.		0.43	83.36	12.50	82.93
+50				2.0	81.4
10+00	about 10' deep.			3.7	79.7
+29				6.9	76.5
+50				12.1	71.3
T.P.		0.33	71.55	12.14	71.22
+76				8.7	62.8
11+00				11.2	60.3
T.P.		2.97	61.76	12.76	58.79
+50	not less 4' deep.			4.0	57.8
12+00				5.1	56.7
+35.5	West line 35th			5.3	56.4
+50				5.5	56.2
13+00				6.1	55.6
+50				6.8	55.0

Cont. from page 40

Sta.		H.I.	Rod	Elev.
		61.76		
14+00			7.5	54.3
+17			7.7	54.1
+18			10.2	51.6
+33			10.0	51.8
+41			7.7	54.1
+50			7.8	53.8
+85	M.H. bottom of canyon about 26' west of Pueblo line	✓	6.52	55.24

Sheet B-18

Jan 13/11 {Childs, Taylor, Bunker} 41

Benesch ave. line from 25' east of 33rd to Jan 13/11 {Childs Taylor Bunker

Sta. 14+95 east of 35th

Sta.			H.I.	Rod	Elev.
J.P.		3.93	101.56		97.63
0+00	F.S. 25 east of 33rd street			5.67	95.89
+50				4.7	96.9
1+00				3.1	98.5
+50				0.8	100.9
2+00				0.8	100.9
+50				1.5	100.1
3+00				3.7	97.9
+50				6.5	95.1
4+00				11.6	90.0
J.P.		0.81	89.41	12.96	88.60
+50	about 7' deep			5.4	84.0
5+00				7.8	81.6
+50				10.0	79.4
6+00				11.5	77.9
+34.9	east line 34th			13.0	76.4
J.P.	street 0.55		77.28	12.68	76.73
+50				1.5	75.8
7+00				3.9	73.4

B 19

Sta.			H.I.	Rod	Elev.
			77.28		
7+50				6.0	71.3
8+00				7.5	69.8
+50				8.6	68.7
9+00				9.5	67.8
+50				10.4	66.9
10+00				11.5	65.8
+50				13.0	64.3
J.P.		1.56	65.84	13.00	64.28
11+00				3.0	62.8
+50				5.0	60.8
+79				6.8	59.0
12+00				9.8	56.0
J.P.		2.11	55.56	12.39	53.45
+50				3.0	52.6
+95.4	East line 35th			3.8	51.8
13+00				3.8	51.8
+50				4.5	51.1
14+00				3.8	51.8

Cont. from page 42

Jan. 13/11 {Childs, Taylor, Bunker

sta.		H.I.	Rod	Elev.
		55.56		
14+25			6.1	49.5
+50			5.3	50.3
+76			4.6	51.0
+78			9.3	46.3
+95	M.H. bottom of canyon about 15' from pueblo line		10.93	44.63

B.19

Lemon Grove Blvd. from 25' east of pascoe

Sta.			H.I.	Rod	Elev.
Sta.					
T.P.		1.84	97.73		95.89
0+00	F.S. 25' East of 33rd street			4.93	92.8
+50				4.4	93.3
1+00				4.3	93.4
+50				5.1	92.6
2+00				8.1	89.6
+50				11.2	86.5
T.P.		0.29	85.15	12.87	84.86
3+00				1.8	83.3
+50	about 10.5 deep.			5.4	79.7
4+00				8.8	76.3
+50				12.2	72.9
T.P.		0.12	73.02	12.25	72.90
5+00				2.8	70.2
+50				5.7	67.3
6+00				8.1	64.9
+34.9	east line of 34th			9.0	64.0
+50				9.9	63.1
7+00	about 15' deep.			11.6	61.4

east of 33rd to Jan 17/11 {Childs, Taylor, Bunker}

Sta.			H.I.	Rod	Elev.
T.P.		1.72	62.24	12.50	60.52
7+50				2.6	59.6
8+00				3.8	58.4
+50				4.8	57.4
9+00				5.8	56.4
+50				7.4	54.8
10+00	Not less than 7' deep.			8.8	53.4
+50				9.6	52.6
11+00				10.1	52.1
+50				10.1	52.1
12+00				9.6	52.6
+50				9.4	52.8
+95.5	east line 35th			8.9	53.3
13+00				8.9	53.3
+50				8.7	53.5
+95				8.3	53.9
T.P.		4.18	58.04	8.38	53.86
+96				10.1	47.9

Sheet B-19

Cont. from page 44

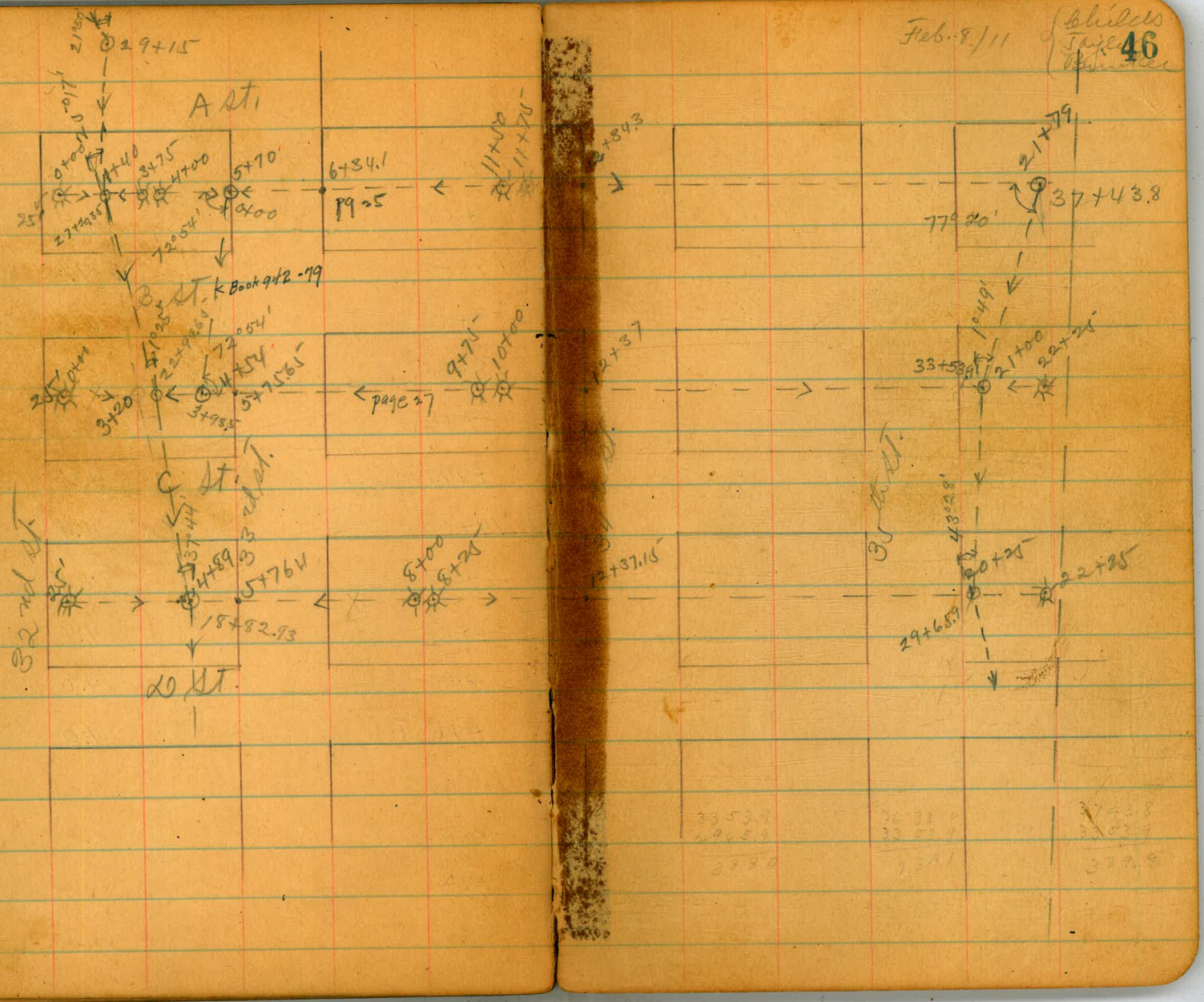
Sta.		H.I.	Rod	Elev.
		58.04		
14+00			12.4	45.6
+28			13.9	44.1
+29			16.2	41.8
+47			16.0	42.0
+50			13.7	44.3
+53			10.3	47.7
+62			10.6	47.4
+70	M.H. bottom of camper 2'		12.02	46.02
+83	no. of center		14.0	44.0
+85			14.8	43.2
+95			15.9	42.1
15+00			10.9	47.1
+11			9.1	48.9
+12			3.5	54.5
+50			3.3	54.7

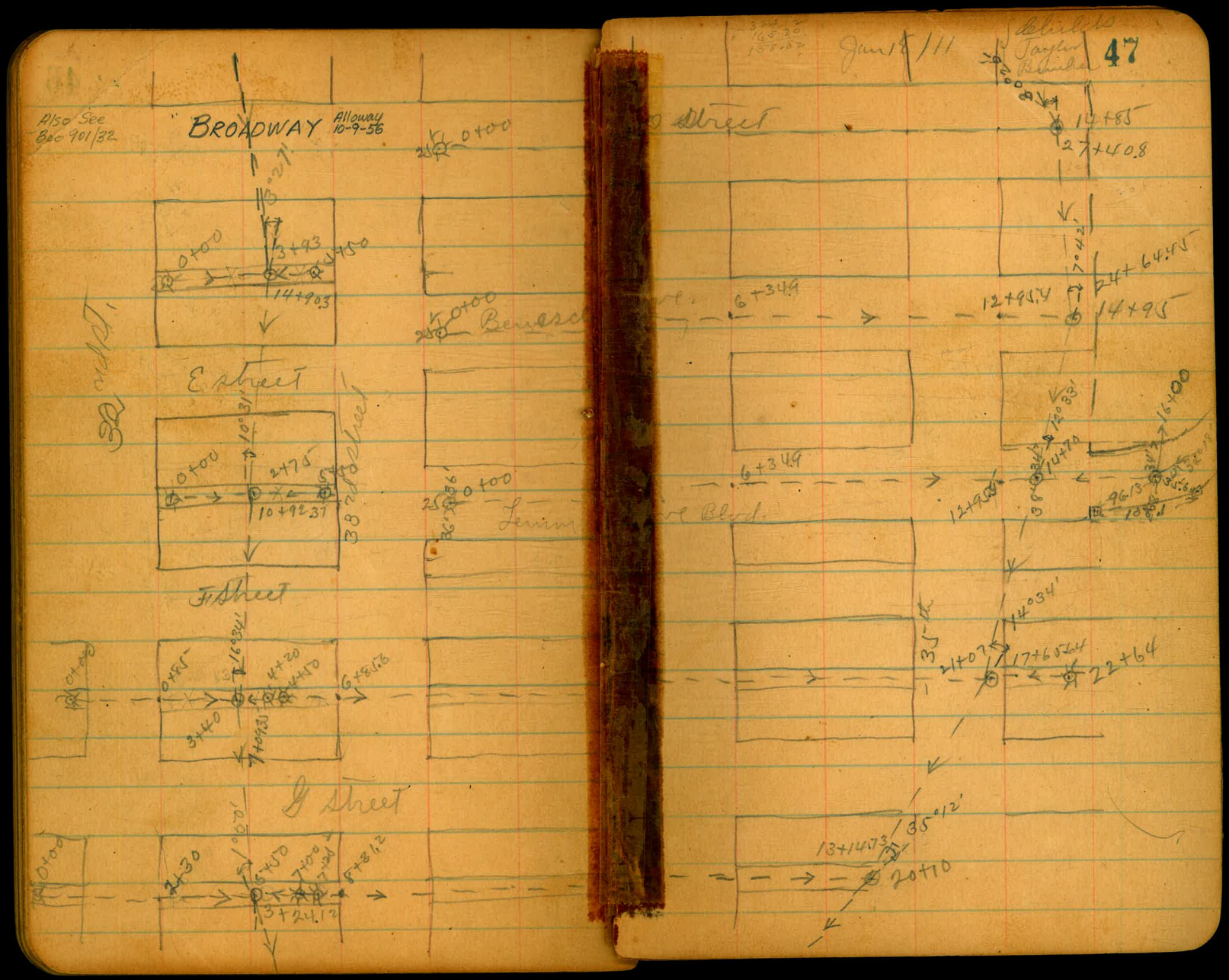
Jan 17/11 { Childs, Taylor, Bunker

Sta.		H.I.	Rod	Elev.
	34° 18' L	58.04		
16+00	M.H. angle		2.52	55.52
+50	6.55 c' no. of center going west	62.07	6.4	55.7
17+00			7.6	54.5
+50			6.6	55.5
18+00			5.3	56.8
+50			4.1	58.0
	15° 39' L			
+94.7	M.H. center pascal & Lemon Grove Blvd.		4.36	57.71
19+00	north		4.4	57.7
+50			4.5	57.6
20+00			4.4	57.7
+50			4.0	58.1
+75	F.T. near pueblo line		4.0	58.1

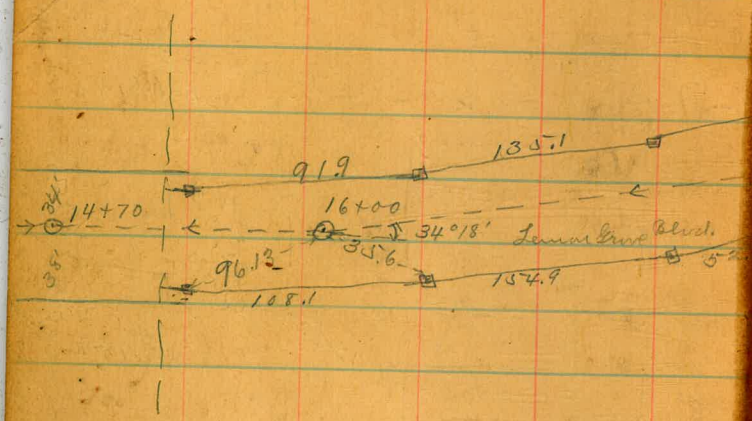
Sheet B.19

Feb. 8/11

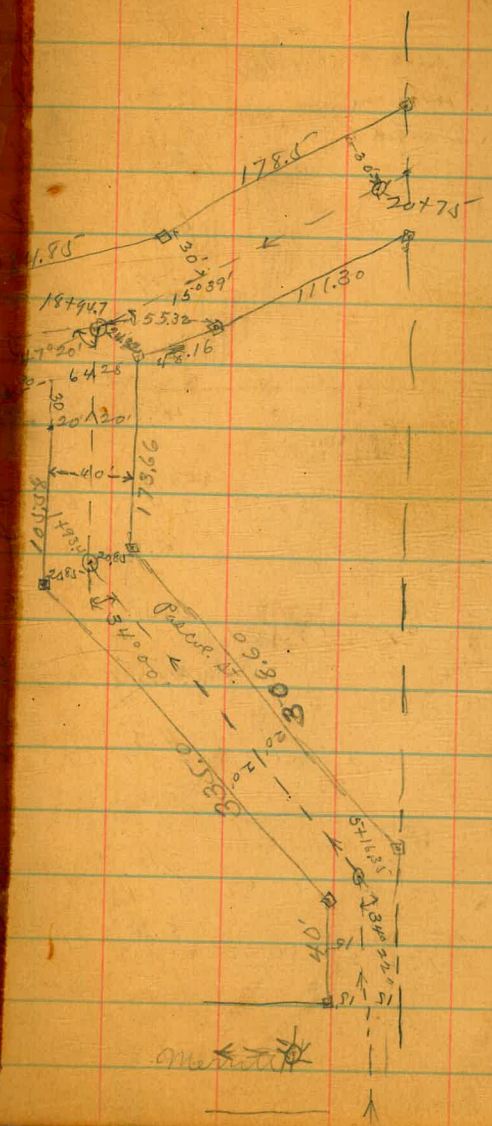

A St.
B St.
C St.
D St.
32nd St.
33rd St.
35th St.
29+15
0+00
1+40
3+75
4+00
5+70
6+34.1
pg 25
11+50
11+75
72°54'
Book 942-79
3+20
4+54
5+75.65
3+98.5
page 27
9+75
10+00
4+89
5+76.4
18+82.93
8+00
8+25
12+37
12+37.15
21+79
37+43.8
77°20'
1°49'
33+53.9
21+00
22+25
43°28'
20+25
22+25
29+65.9


Also See Boo 901/32
BROADWAY
Alloway 10-9-56
E street
F Street
G Street
Jan 18/11
47
Street
Lemm
Blvd.
0+00
3+93
14+90.3
2+75
10+92.37
0+85
3+40
4+20
6+85.6
2+30
3+24.12
8+81.2
6+34.9
12+95.4
14+95
27+40.8
24+64.45
14+70
16+00
21+07
17+65.64
22+64
13+14.73
20+10
35°12'

Jan 18/41



14+70
16+00
91.9
135.1
34°18'
Lemon Grove Blvd.
96.13
35.6
108.1
154.9



178.5
20+75
111.30
18+94.7
55.32
173.66
Pascal St.
335.0
Merritt

Pascoe Street from Sta. 18+94.7
to Sta.

Sta.			H.I.	Rod	Elev.
T.P.		12.24	69.95		57.7
0+00 =	M.H. Sta. 18+94.7 on Lemon Grove Blvd.			12.24	57.7
+19				12.8	57.
+27				6.7	63.
+50				3.9	66.
+75				2.9	67.
+90				4.3	65
1+00				3.1	66
T.P.		11.85	81.35	0.45	69
+50				6.9	74
+93.4	M.H. angle in Pascoe St.	12.56	93.37	0.54	80.
2+00				11.5	81
+50				4.5	88.
T.P.		12.89	105.89	0.37	93
3+00				9.8	96
+50				3.4	101.
T.P.		12.72	117.87	0.74	105.
4+00				8.3	108.
T.P.		12.52	130.12	0.27	117.
+50				12.0	118
5+00				4.3	125.

Lemon Grove Blvd.

Jan 19/11

Childs
Taylor
Bunker

48 1/2

Sta.			H.I.	Rod	Elev.
			130.12		
5+16.35	M.H. angle			1.69	128.4
T.P.		11.96	141.61	0.47	129.65
+50				7.3	134.3
T.P.		10.05	151.02	0.64	140.97
+88				6.1	144.9
6+00				5.3	145.7
+50				3.6	147.4
7+00				3.9	147.1
+50				5.5	145.5
8+00				6.3	144.7
+50				5.9	145.1
+60	F.T. north 26.05 from Peak St.			5.44	145.58
9+70	F.T. South 23.95 from peak St.			5.40	145.62

Sheet B12

Peak Street from 25' west of Pascoe to center of Jan 23/11 { Childs Taylor Burke

Merritt Street

Sta.			H.I.	Rod	Elev.
T.P.		11.35	156.93		145.5
0+00	F.S. 25' west of Pascoe St.			4.88	152.0
+50				4.0	152.9
1+00				3.9	153.0
+50				6.0	150.9
2+00				10.2	146.7
T.P.		0.22	144.13	13.02	143.9
+50				3.8	140.[illegible]
3+00				8.9	135.2
T.P.		0.95	132.04	13.04	131.0
+50				2.2	129.8
4+00				7.8	124.2
+37.5	M.H. Center Merritt St.			11.01	121.[illegible]

✓

Sheet B-19

49

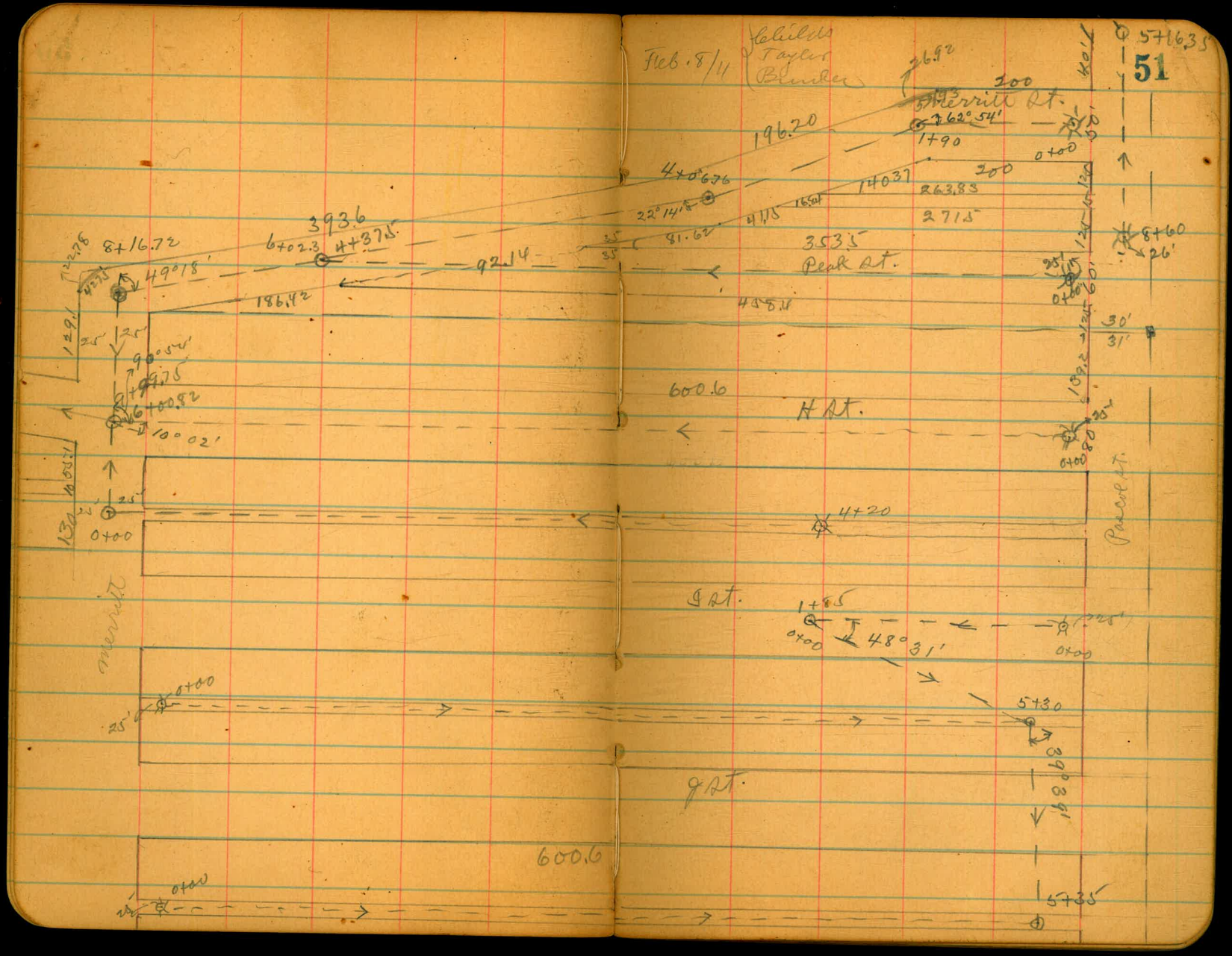
H street line from 25' west of Pascoe to center of Merritt

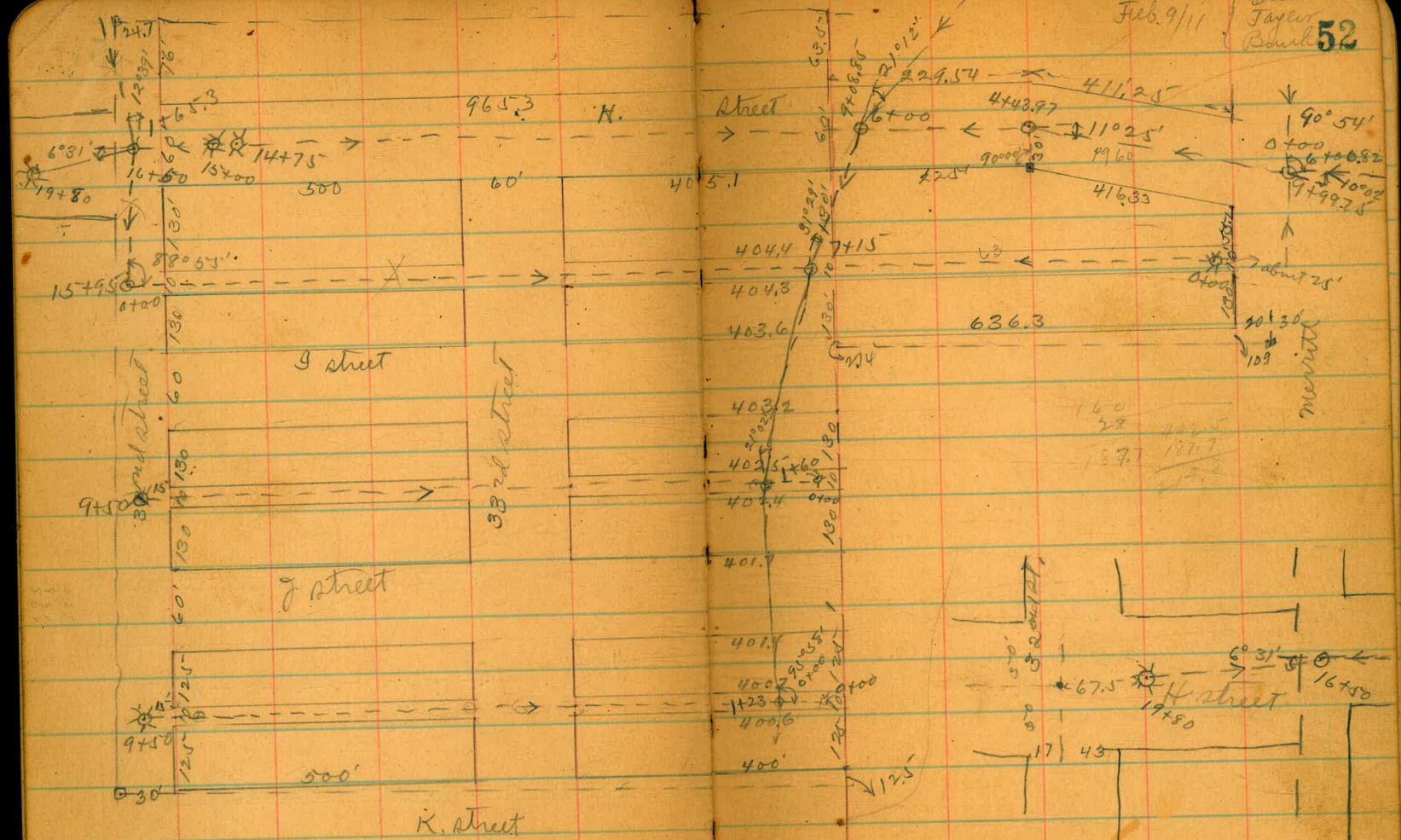
Jan. 27/11 { Childs, Taylor, Bunker

Sta.			H.I.	Rod	Elev.
J.P.		6.02	151.64		145.62
0+00	F.S. 25' west of Pascoe.			13.41	138.2
+50				11.0	140.6
1+00				11.6	140.0
+50				12.4	139.2
J.P.		2.06	141.16	12.54	139.10
2+00				3.7	137.5
+50				7.8	133.4
J.P.		0.28	129.17	12.27	128.89
3+00				2.7	126.5
+50				6.5	122.7
+67				8.9	120.3
+71				12.2	117.0
J.P.		0.28	116.75	12.70	116.47
+84				5.2	111.5
4+00				8.3	108.4
J.P.		0.71	104.47	12.99	103.76
+39				3.8	100.7
+45				6.2	98.3
+50				6.3	98.2
5+00				12.7	91.8

Sheet B-20

Sta			H.I.	Rod	Elev.
J.P.		1.87	93.83	12.51	91.96
5+15				5.3	88.5
+50				7.3	86.5
6+00				11.9	81.9
+00.82	M.H. Center of Merritt			12.18	81.65


Feb. 8/11
Childs
Taylor
Bunker
Merritt St.
Peak St.
H St.
I St.
J St.
Parcel St.
Merritt
196.20
393.6
353.5
600.6
600.6
8+16.72
6+02.3
4+37.5
92.14
186.42
458.4
4+20
1+85
48° 31'
5+30
5+35
5+16.35
8+60
26'
30'
31'
0+00
4+0.76
22° 14'
81.62
14037
263.83
271.5
1+90
62° 54'
26.92
200
49° 18'
90° 54'
6+00.82
10° 02'
39° 39'



Note from sta. 16+50 line runs straight to center of H on West 13' line of 32nd.

alley bet. H & I from center of
to Sta. 4+20 east.

Sta.			H.I.	Rod	Elev.
T.P.		1.84	130.73		128.89
0+00	M.H. center of Merritt & alley bet. H & I	about 7' deep.		12.76	117.97
+50				10.3	120.4
1+00				9.7	121.0
+50				10.0	120.7
2+00	about 5' deep.			8.5	122.2
+50				5.2	125.5
3+00				4.1	126.6
+50				2.4	128.3
4+00				1.0	129.7
T.P.		2.96	131.64	2.05	128.68
+20	F.T.			0.38	131.2

Sheet B-20

Merritt

Feb. 9/11

Childs
Taylor
Bunker

I street line from 25' west of Pascoe to sta. 1+85 west. Feb. 9/11 {Childs Taylor Bruce

54

Sta.			H.I.	Rod	Elev.
			131.64		
0+00	F.S. 25' west of Pascoe.			9.73	121.9
+50				10.5	121.1
1+00				11.5	120.1
+50				13.2	118.4
J.P.		8.57	127.49	12.72	118.92
+85	M.H.			9.50	117.99

Sheet B-20

alley line bet. I & J from 25' ~~East~~ of merritt to Mar. 13/11 { Childs, Taylor, Bunker

55

Sta. 5+30 west of Pascoe.

Sta.		H.I.	Rod	Elev.
T.P.		125.44		117.99
0+00	about 7.45 6' deep. F.S. 25' ~~East~~ of merritt St.		5.94	119.5
+50			5.5	119.9
1+00			2.6	122.8
+50			3.0	122.4
+85			2.7	122.7
2+00	not less than 9' deep.		4.2	121.2
+50			8.2	117.2
+59			8.2	117.2
3+00			12.1	113.3
T.P.	1.46	114.85	12.05	113.39
+50			3.9	110.9
4+00			4.9	109.9
+50	about 5' deep.		6.9	107.9
5+00			6.7	108.1
+30	M.H. 45' from Pascoe.		5.87	108.98

Sheet B 20

Alley line bet. J & K from 25' to sta. 5+35 west of Pascoe.

Sta			H.I.	Rod	Elev.
J.P.	not less than 5' deep	3.57	112.49		108.98
0+00	F.S. 25' west of Merritt			6.33	106.1
+50				5.6	106.9
1+00				5.8	106.7
+50				9.1	103.4
2+00	about 4' deep.			13.2	99.3
+50				8.1	104.4
+65				6.3	106.2
3+00				4.8	107.7
+50				6.5	106.0
4+00				9.7	102.8
J.P.		0.46	101.29	11.66	100.83
+50				4.8	96.5
5+00				10.6	90.7
J.P.		9.42	98.03	12.68	88.61
+29	M.H. 39.5 from Pascoe			12.6	85.4
+35	M.H. 39.7 from Pascoe			11.38	86.65

Sheet B-20

~~West~~ East of Merritt

Mar. 13/11 { Childs Tay Bigelow

56

Sta			H.I.	Rod	Elev.

Sewer, Merritt street from 25' west Pascoe mar. 14/11 { Child Taylor Bunker

57

to 11+89.78 center alley bet. H+9.

Sta.			H.I.	Rod	Elev.
J.P.		5.67	151.25		145.58
0+00	F.S. 25' west of Pascoe.			4.21	147.0
+50				5.9	145.3
1+00				12.3	138.9
J.P.		0.53	139.25	12.53	138.72
+50				4.6	134.6
+90	62°54'L M.H.			7.45	131.8
2+00				7.9	131.3
+50				10.7	128.5
J.P.		0.45	126.74	12.96	126.29
3+00				2.8	123.9
+38				8.0	118.7
+50	about 4' deep.			8.5	118.2
4+00				8.1	118.6
+06.76	22°14'R M.H.			7.13	119.6
+50	not less than 8' deep.			4.0	122.7
5+00				4.3	122.4
+50				5.2	121.5
6+00				5.7	121.0

Sheet B-20

Sta.			H.I.	Rod	Elev.
6+02.3	about 10' deep. M.H. center of Peak. Street		126.74	5.68	121.06
+50				7.3	119.4
7+00				10.6	116.1
+50				12.7	114.0
+72				13.8	112.9
8+00				11.0	115.7
+16.72	49°18'L M.H.	about 6' deep.		11.69	115.05
J.P.		1.93	116.98		
+50			117.0	1.4	115.6
9+00				2.0	115.0
+35				6.7	110.3
+48				13.1	103.9
J.P.		0.84	105.38	12.44	104.54
+50				6.9	98.5
+53				9.4	96.0
+63				10.5	94.9
J.P.		0.75	93.87	12.26	93.12
+78				8.2	85.7
+93				12.7	81.2

Cont. from page 57

mar 14/11 { Childs Taylor Butcher

Sta.		H.I.	Rod	Elev.
		93.87		
9+99.75	M.H. Center H.T. bottom of canyon,		12.18	81.69
10+19			10.3	83.6
S.S.		13.00	0.55	93.32
+50			6.8	99.5
+61			2.0	104.3
S.S.		13.00	0.01	106.31
11+00			5.6	113.7
+50			0.6	118.7
+89.78	M.H. Center alley bet. H+S.		1.34	117.97

Sht B-20

Canyon line from sta. 1+85 center I street to
Sta 5+35 center alley bet. J & K.

Mar. 14/11 { Childs, Taylor, Bunker

Sta.			H.I.	Rod	Elev.
0+00	M.H. Sta. 1+85 on I st. line		118.45	0.46	117.99
+50				2.8	115.6
1+00				4.4	114.0
+50				6.0	112.4
2+00				7.2	111.2
+50				9.2	109.2
+53.37	M.H. Sta. 5+30 on alley line bet. I & J			9.46	108.99
3+00				11.2	107.2
J.P.		0.81	106.54	12.72	105.73
+50				2.6	103.9
+83				5.4	101.1
4+00				5.1	101.4
+50				9.1	97.4
+66				11.5	95.0
+90				11.2	95.3
5+00				11.8	94.7
+14				13.3	93.2

Sheet B 20

Sta.			H.I.	Rod	Elev.
J.P.		1.98	96.10	12.42	94.12
5+34				1.4	94.7
+50				3.6	92.5
+62				6.3	89.8
6+00				8.3	87.8
+14				9.6	86.5
+33.12	M.H. Sta. 5+35 on alley line bet. J & K			9.40	86.70

H street line from merritt to 32nd street.

Mar. 15/11 Schields Taylor Brooks

Sta.		H.I.	Rod	Elev.
0+00 = M.H. 6+00.82 on H street line		83.39	1.74	81.65
+13 = 9+99.75 in merritt			4.5	78.9
+22			4.5	78.9
+50			6.5	76.9
+73			9.3	74.1
+80			12.5	70.9
T.P.	3.04	73.50	12.93	70.46
+99			3.7	69.8
1+00			1.7	71.8
+03			3.6	69.9
+37			5.1	68.4
+38			4.0	69.5
+50			4.8	68.7
2+00			8.1	65.4
+31			11.2	62.3
+46			11.7	61.8
+50			12.9	60.6
2+54				
T.P.	1.05	73.50	12.1	61.4
		62.10	12.45	61.05
+65			3.3	58.8
+80			6.9	55.2
3+00			9.0	53.1
+32			9.9	52.2
+39			8.3	53.8
+50			7.6	54.5
4+00			12.3	49.8
+13			13.0	49.1
T.P.	0.17	49.80	12.47	49.63
+43.97 M.H. angle in street			4.53	45.3
+50			5.1	44.7
5+00			9.6	40.2
+50			11.2	38.6
+83			13.2	36.6
T.P.	4.50	41.79	12.51	37.29
6+00 M.H. bottom of Canyon			6.03	35.76
+14			7.9	33.9

Cont. from page 60

Sta.		H.I.	Rod	Elev.
		41.79		
6+43			8.2	33.6
+50			5.6	36.2
+76			2.2	39.6
7+00			2.6	39.2
+50			3.0	38.8
8+00			3.6	38.2
+50			4.1	37.7
9+00			4.5	37.3
+50			4.6	37.2
10+00			4.6	37.2
+50			4.7	37.1
11+00	about 3' deep		5.0	36.8
+50			4.7	37.1
12+00			4.3	37.5
+50			3.4	38.4
J.P.	12.85	53.94	0.70	41.09
13+00			11.2	42.7

mar. 16/11 { Childs Taylor Bunker

61

Sta.		H.I.	Rod	Elev.
13+50		53.94	9.4	44.5
14+00			6.1	47.8
J.P.	12.84	65.69	1.09	52.85
+50			8.7	57.0
+75	Ft. T. east		3.4	62.3
15+00	Ft. T. west hub.		0.18	65.5
+25			7.2	58.5
+40			12.0	53.7
+50			13.5	52.2
16+00			14.4	52.3
+50	M.H. bottom of Canyon		13.39	52.30
17+00			1.3	64.4
J.P.	12.42	77.82	0.29	65.40
+42			5.7	72.1
+50			5.5	72.3
+68			4.6	73.2
J.P.	9.04	85.76	1.10	76.72
18+00			7.7	78.0
+50			6.0	79.8

Cont. from page 61

Sta.		H.I.	Rod	Elev.
19+00		85.76	4.7	81.1
+50			4.4	81.4
+80	F.S. about 24.5 from last line of 32nd.		3.57	82.2

Sheet B.21

Mar. 16/11 { Childs, Taylor, Bunker

alley line bet. H & I from ~~pueblo~~ 25' west pueblo line at Merrill street to sta. 15+95 west of 33rd. Mar. 16/11 { Childs Taylor Bunker

Sta.		H.I.	Rod	Elev.
T.P.	6.35	112.63		106.28
0+00	about 7' deep.		1.84	110.8
+50			2.9	109.7
+80	about 15' deep.		5.4	107.2
1+00			4.9	107.7
+15			3.5	109.1
+50			5.3	107.3
+75			10.0	102.6
T.P.	0.47	100.22	12.88	99.75
2+00	not less than 10' deep.		2.7	97.5
T.P.	0.25	87.58	12.89	87.33
+50			3.1	82.5
+70			8.5	79.1
T.P.	0.27	75.12	12.73	74.85
3+00			9.4	65.7
T.P.	0.37	63.20	12.29	62.83
T.P.	0.36	50.97	12.59	50.61
+50		51.00	4.2	46.8
+63			7.5	43.5
+85			10.3	40.7
4+00			11.1	39.9
T.P.	4.13	42.52	12.58	38.39
+50			4.8	37.7

Sta.		H.I.	Rod	Elev.
		42.52		
4+67			4.4	38.1
+75			5.7	36.8
5+00			4.6	37.9
+36			5.4	37.1
+43			1.9	40.6
+50			3.0	39.5
6+00			4.5	38.0
+34			4.9	37.6
+50			6.8	35.7
+60			7.3	35.2
+61			9.7	32.8
+70			11.4	31.1
+88			11.5	31.0
7+00			9.0	33.5
+15	M.H. bottom of Canyon		8.48	34.04
+26			7.0	35.5
+50			8.5	34.0
+60			8.4	34.1

Sheet B. 22

Curt. from page 63

Sta.		H.I. 42.52	Rod	Elev.
7+63			6.9	35.6
8+00			6.5	36.0
+50			6.7	35.8
J.P.	5.31	41.18	6.65	35.87
9+00			6.7	34.5
+50			6.7	34.5
10+00			5.8	35.4
+27			5.7	36.5
11+50			5.2	36.0
+62			5.7	35.5
11+00			4.8	36.4
+50			4.6	36.6
12+00			4.5	36.7
+50			3.3	37.9
J.P.	11.19	52.22	0.15	41.03
13+00			10.1	42.2
+50			8.6	43.6
+80			5.6	46.6

mar. 17/11 { Childs Taylor Building

64

Sta.		H.I.	Rod	Elev.
J.P.	5.46	56.68	1.00	51.22
14+00			4.7	52.0
+15			1.0	55.7
+50			7.9	48.8
+60			11.3	44.4
15+00			10.9	45.8
+10			10.5	46.2
+17	about 2' deep.		12.7	44.0
+28			9.3	47.4
+50			9.2	47.5
+95	M.H. bottom of Canyon.		7.85	48.83

Mar 8 '11

alley line bet. I & J from 27.7 from pueblo line east of 33rd
To Sta. 9+50 west of 33rd.

mar. 17/11 {Childs Taylor Bunker

65

Sta.		H.I.	Rod	Elev.
J.P.	4.30	38.34		34.04
0+00	F.S. about 27.7 from pueblo line		3.49	34.85
+50			5.0	33.3
1+00			5.1	33.2
+06			5.7	32.6
+08			9.5	28.8
+16			11.0	27.3
+50			9.7	28.6
+60	M.H. bottom of Canyon		10.11	28.23
+68			7.5	30.8
+70			4.8	33.5
+85			5.2	33.1
+93			8.2	30.1
2+00			8.0	30.3
+07			6.7	31.6
+50			6.9	31.4
3+00			6.9	31.4

Sheet B.21

Sta.		H.I.	Rod	Elev.
3+50		38.34	5.6	32.7
+75	East line of 33rd street		4.2	34.1
+88			4.9	33.4
4+00			4.0	34.3
+20			4.5	33.8
+50			3.9	34.4
5+00			3.4	34.9
+50			3.0	35.3
6+00			1.2	37.1
J.P.	11.54	48.38	1.50	36.84
+50			9.4	39.0
7+00			8.7	39.7
+50			8.5	39.9
+69			8.0	40.4
J.P.	12.45	60.65	0.18	48.20
8+00			9.9	50.7
+20			6.7	53.9
+50			4.9	55.7

Cont. from page 65

mar. 17/11 { Childs Taylor Bunker

66

Sta.			H.I.	Rod	Elev.
J.S.		8.62	68.99 / 69.0	0.28	60.37
9+00				7.7	61.3
+35				3.1	65.9
+50	F.S. about 14'.5 from pueblo line			1.33	67.7

Sheet B. 21

Alley line bet. J & K from about of 33rd st. to sta 9+50 west of

Sta.			H.I.	Rod	Elev.
J.P.		1.48	36.33		34.85
0+00	F.S. about 25.4 from pueblo line			4.99	31.3
+50				5.5	30.8
1+00				5.3	31.0
+17				5.9	30.4
+23	M.H. bottom of canyon			9.36	26.97
+32				11.2	25.1
+41				11.8	24.5
+50				10.5	25.8
+56				9.6	26.7
+63				5.8	30.5
+70				6.8	29.5
2+00				7.0	29.3
+50				6.6	29.7
3+00				6.8	29.5
+25				7.0	29.3
+50				5.5	30.8

Sheet B.22

from pueblo line last 33rd

Mar. 18/11

Childs
Taylor
Bunker

57

Sta.			H.I.	Rod	Elev.
J.P.		8.05	38.99	5.39	30.94
3+75	East line of 33rd street		39.0	7.8	31.2
+89				8.3	30.7
4+00				7.2	31.8
+21				7.7	31.3
+50				7.5	31.5
5+00				7.2	31.8
+50				6.1	32.9
6+00				5.1	33.9
+50				4.6	34.4
7+00				4.7	34.3
+50				4.5	34.5
8+00				3.8	35.2
+50				1.0	38.0
J.P.		12.20	49.86	1.33	37.66
+57				10.9	39.0
J.P.		12.81	62.44	0.23	49.63
9+00				4.4	58.0
J.P.		10.96	72.46	0.94	61.50
+10				9.0	63.5
+50	F.S. about 15' from pueblo line			1.23	71.2

Canyon line from alley bet. J & K
A & B. (Cholla Valley)

Sta.		H.I.	Rod	Elev.
0+00	M.H. alley bet. J & K.	38.07	11.10	26.97
+12			11.6	26.5
+18			12.7	25.4
+50			13.5	24.6
+74			12.8	25.3
+81			12.6	25.5
+89			10.4	27.7
1+00			8.8	29.3
+15			8.2	29.9
+50			7.3	30.8
2+00			5.8	32.3
+10			5.8	32.3
+11			9.1	29.0
+34			8.0	30.1
+35			5.7	32.4
+50			5.6	32.5

Cholla Sheet B-23

Sta 1+23 to alley bet.

Mar. 18/11 { Childs Taylor Burton

68

Sta		H.I.	Rod	Elev.
2+98		38.07	4.8	33.3
3+00			7.2	30.9
+17			9.8	28.3
+27	M.H. 21°02'R. center alley bet. I & J.		9.85	28.22
+50			8.9	29.2
+84			9.8	28.3
4+00			8.9	29.2
+50			8.0	30.1
+61			7.5	30.6
+62			6.1	32.0
5+00			6.2	31.9
+24			6.3	31.8
+25			7.3	30.8
+50			6.9	31.2
6+00			7.3	30.8
+16			7.0	31.1

Cont. from page 68

sta.		H.I.	Rod	Elev.
6+26		38.07		
			5.2	32.9
+40				
			3.8	34.3
+50				
			3.7	34.4
+68.9	31°29' R			
J.P.	M.H. center alley			
+83	bet H + I. 8.04	42.05	4.06	34.01
			8.1	33.9
+90				
			6.4	35.6
+93				
			7.2	34.8
7+00				
			8.4	33.6
+23				
			8.6	33.4
+28				
			9.7	32.3
+50				
			8.6	33.4
8+00				
			8.9	33.1
+50				
			7.5	34.5
+74				
			7.2	34.8
+75				
			6.3	35.7
9+00				
			6.4	35.6

Mar. 20/11. Childs Taylor Bunker

69

sta.		H.I.	Rod	Elev.
	21°12' R			
9+08.85	M.H. center of	42.05		
J.P.	H street 7.958	43.82	6.18	35.87
+50				
			7.4	36.4
10+00				
			6.9	36.9
+50				
			6.1	37.7
11+00				
			7.0	36.8
+35				
			7.7	36.1
+50				
			8.5	35.3
+73				
			8.7	35.1
+89				
			8.1	35.7
12+00				
			8.0	35.8
+12				
			5.9	37.9
+33				
			4.4	39.4
+50				
			5.7	38.7
13+00				
			5.4	38.4
	35°12 L			
+14.73	M.H. alley bet.			
	G & H. sta 20+10		5.67	38.15
+40				
			4.4	39.4

Cont. from page 69

Sta.		H.I.	Rod	Elev.
13+50		43.82		
			3.7	40.1
+63				
			2.3	41.5
T.P. 14+00	6.10	48.48	1.44	42.38
			5.5	43.0
+50				
			5.4	43.1
15+00				
			4.1	44.4
+29				
			4.6	43.9
+50				
			6.8	41.7
+62				
			6.6	41.9
+63				
			8.3	40.2
+79				
			10.4	38.1
+87				
			8.5	40.0
16+00				
			7.7	40.8
+05				
			5.9	42.6
+14				
			6.1	42.4
+17				
			8.6	39.9
+28				
			7.7	40.8

Mar. 20/11

Childs
Taylor
Bunker

Sta.		H.I.	Rod	Elev.
16+50		48.48		
			7.2	41.3
+93				
			6.2	42.3
+97				
			3.4	45.1
17+00				
			6.3	42.2
+15				
			6.8	41.7
+25				
			8.2	40.3
+35				
			7.3	41.2
+50				
			5.2	43.3
+60				
			6.7	41.8
+65.64	14° 34' L m.H. sta. 21+07 on alley line bet. G & F.		6.02	42.46
+77				
			4.1	44.4
+84				
			5.7	42.8
18+00				
			6.4	42.1
+10				
			7.1	41.4
+46				
			7.0	41.5
+50				
			6.8	41.7

Cont. from page 70

Sta.		H.I. 48,48	Rod	Elev.
18+61			6.6	41.9
+93			6.2	42.3
19+00			5.7	42.8
+35			6.1	42.4
+50			5.4	43.1
20+00			3.6	44.9
+24			3.3	45.2
+25			6.7	41.8
+50			6.0	42.5
+60			6.2	42.3
21+00			7.3	41.2
+13			6.2	42.3
+50			5.4	43.1
+79			4.7	43.8
+80			2.9	45.6
T.P.	8.82	52.40	4.90	43.58
22+00			6.2	46.2

Mar. 22/11 { Childs, Taylor, Bilinker

71

Sta		H.I. 52,40	Rod	Elev.
22+04.78	12°33' L M.H. Sta. 14+70 on Lemon Grove Blvd.		6.38	46.02
+18			4.6	47.8
+45			4.9	47.5
+50			5.3	47.1
+63			6.1	46.3
+64			7.5	44.9
+79			8.6	43.8
23+00	259.67		9.2	43.2
+10			9.8	42.6
+50			9.1	43.3
+85			9.3	43.1
24+00			8.1	44.3
+32			9.4	43.0
+39			8.4	44.0
+50			7.5	44.9
+64.45	7°42' L M.H. Sta. 14+95 Cont. Benesch ave.		7.39	45.01

Cont. from page 71

Sta.		H.I.	Rod	Elev.
25+00		52.40	6.7	45.7
+50			6.3	46.1
+84			4.3	48.1
+89			1.0	51.4
T.P.	10.81	58.56	4.65	47.75
26+00			8.7	49.9
+03			11.0	47.6
+36			10.8	47.8
+37			8.5	50.1
+41			6.7	51.9
+43			4.5	54.1
+50			4.3	54.3
+57			4.1	54.5
+63			5.9	52.7
+80			4.9	53.7
27+00			5.7	52.9
+30			4.5	54.1

Mar 22/11 { Childs, Taylor, Bunker

Sta.		H.I.	Rod	Elev.
27+40.8	30°25' L M.H. Sta 14+85 on D Street 10.00	58.56	3.33	55.23
+50		65.23	10.1	55.1
28+00			10.1	55.1
+07			9.4	55.8
+09		276.35	12.6	52.6
+20			13.4	51.8
+31			12.1	53.1
+36			10.7	54.5
+50			9.8	55.4
+87			10.4	55.8
29+00			9.2	56.0
+50			7.5	57.7
+65.9	43°28' R M.H. Sta 20+25 on alley bet. C+D		7.12	58.11
30+00			7.8	57.4
+06			8.2	57.0
+07			9.9	55.3

Cont. from page 72

Sta		H.I.	Rod	Elev.
30+21		65.23	10.9	54.3
+33			10.6	54.6
+42			7.1	58.1
+50			6.0	59.2
31+00			5.5	59.7
+50			5.2	60.0
32+00			4.3	60.9
+50			4.1	61.1
J.P.	11.26	73.26	3.23	62.00
33+00			11.0	62.3
+50			10.1	63.2
+53.9	1° 49' R m.H. sta. 21+00 on alley bet. B&C		10.03	63.23
34+00			9.1	64.2
+50			7.8	65.5
35+00			6.8	66.5
+30			7.4	65.9
+50			7.7	65.6

Mar. 23/11 { Childs Taylor Bunker

Sta		H.I.	Rod	Elev.
35+60		73.26	7.4	65.9
+67			8.6	64.7
+83			8.3	65.0
+85			9.6	63.7
36+00			9.4	63.9
+25			9.2	64.1
+27			7.3	66.0
+38			8.2	65.1
+50			6.3	67.0
37+00			5.2	68.1
+43.8	m.H. sta. 21+79 on alley bet. A & B.	✓	3.99	69.27

Profile Plotted Sheet B 73

3743.8 3743.8
3677.0 3638
116.8 105.8

Canyon line from Sta. 15+95 on H & I to Sta. 2+75 on lot line bet alley line bet. Ida & 32nd. Mar. 23/11 Childs Taylor Bunker

Sta.		H.I.	Rod	Elev.
0+00	M.H. Sta. 15+95	61.26	12.43	48.83
+50	on alley line bet. H & I.		12.3	49.0
1+00			11.1	50.2
+32			9.5	51.8
+45			2.1	59.2
+50			2.1	59.2
+55			2.1	59.2
+65.3	12°39' L M.H. center H street Sta. 16+50		8.82	52.44
+71			10.4	50.9
2+00			10.4	50.9
+50			10.3	51.0
3+00			8.8	52.5
+24.12	1°50' R M.H. Sta. 5+50		7.94	53.32
+50	on alley line bet. G+H		6.7	54.6
4+00			5.2	56.1
+50			4.5	66.8

Sheet B 24

Sta.		H.I.	Rod	Elev.
4+73		61.26	5.1	56.2
+77			5.9	55.4
5+00			4.2	57.1
+43			2.5	58.8
+50			2.5	58.8
6+00			0.5	60.8
J.P.	12.68	73.64	0.30	60.96
+43			10.8	62.8
+44			12.0	61.6
+50			12.7	60.9
+53			13.2	60.4
+59			12.0	61.6
+66			10.3	63.3
+74			12.0	61.6
+82			11.2	62.4
+86			9.7	63.9
7+00			9.3	64.3

Cont. from page 74

Sta.			H.I.	Rod	Elev.
7+09.85	16° 34' R M.H. Sta. 3+40 on alley line bet. F+G.		73.64	9.25	64.39
+22				9.2	64.4
+26				10.3	63.3
+29				9.0	64.6
+50				8.1	65.5
+55				9.0	64.6
+57				8.3	65.3
8+00				6.3	67.3
+50				5.2	68.4
+78				4.1	69.5
T.P.		7.98	80.72	0.90	72.74
+87				5.9	74.8
9+00				4.2	76.5
+14				5.0	75.7
+24				10.6	70.1
+50				10.9	69.8
+65				11.6	69.1

Mar. 23/11 { Childs, Taylor, Bunker

Sta.			H.I.	Rod	Elev.
9+81			80.72	11.1	69.6
+96				10.9	69.8
10+00				10.1	70.6
+50				8.7	72.0
+68				9.4	71.3
+92.37	10° 31' R M.H. Sta. 2+75 on alley line bet. E+F.			8.26	72.46
11+00		13.00	85.46	12.4	73.1
+04				12.3	73.2
+08				10.7	74.8
+50				10.1	75.4
12+00				8.9	76.6
+42				9.0	76.5
+5[illegible]				9.2	76.3
+69				8.4	77.1
+79				6.6	78.9
+95				5.8	79.7

Cont. from page 75

Sta.		H.I.	Rod	Elev.
		85.46		
12+97			4.4	81.1
13+00			4.4	81.1
+09			5.7	79.8
+13			7.9	77.6
+17			6.9	78.6
+50			4.4	81.1
14+00			2.3	83.2
T.P.	12.65	97.66	0.45	85.01
+11			12.6	85.1
+25			10.4	87.3
+50			10.0	87.7
+77			11.1	86.6
+90.3	3°27' L M.H. Sta. 3+93 on alley line bet. 10 & 2.		10.79	86.87
15+00			11.0	86.7
+50			11.3	86.4
16+00			9.7	88.0
+20			8.4	89.3

Mar 24/11 Shields Taylor Binder

76

Sta.		H.I.	Rod	Elev.
		97.66		
16+21			9.2	88.5
+25			8.6	89.1
+50			6.9	90.8
+85			6.7	91.0
+91			8.2	89.5
17+00			7.1	90.6
+50			5.1	92.6
18+00			3.8	93.9
+22			4.1	93.6
+50			2.4	95.3
+60			3.3	93.4
+68			2.9	94.8
+82.93	37°44' L M.H. Sta. 4+89 on alley line bet. 20+C 12.93	108.79	1.80	95.86
19+00			12.7	96.1
+50			11.5	97.3
20+00			9.9	98.9

Cont. from page 76

Sta.		H.I.	Rod	Elev.
		108.79		
20+50			9.3	99.5
+57			10.9	97.9
+71			9.9	98.9
21+00			7.8	101.0
+30			6.4	102.4
+37			9.1	99.7
+42			7.8	101.0
+50			6.8	102.0
+54			7.7	101.1
+61			7.0	101.8
+64			5.5	103.3
22+00			4.3	104.5
+50			2.7	106.1
+99.65	1° 25' L M.H. Sta 3+20 in alley line bet B+C		2.42	106.37
23+00			2.4	106.4
+20			2.5	105.8

mar. 24/11 { Childs, Taylor, Brunkel

77

Sta.		H.I.	Rod	Elev.
		108.79		
23+50			0.7	108.1
J.P.	11.43	119.70	0.52	108.27
24+00			10.2	109.5
+50			9.1	110.6
25+00			7.9	111.8
+13			8.1	111.6
+18			10.0	109.7
+22			8.5	111.2
+50			7.4	112.3
+57			8.1	111.6
+67			7.2	112.5
26+00			5.7	114.0
+33			5.1	114.6
+40			6.5	113.2
+46			4.9	114.8
+50			4.2	115.5
27+00			2.2	117.5

78

Cont. from page 77

Sta.		H.I.	Rod	Elev.
	25° 17' R	119.70		
27+20.35	M.H. sta 1+40		1.85	117.8
J.P.	on alley line bet.	127.42		
+50	A+B. 9.57		10.4	117.[illegible]
28+00			6.7	120.[illegible]
+50			5.2	122.[illegible]
29+00			4.5	122.[illegible]
	21° 50' L			
+15	M.H. angle.		4.93	122.47
J.P.	12.85	135.34		
+22			13.6	121.[illegible]
+26			14.9	120.[illegible]
+32			13.1	122.[illegible]
+50			10.7	124.[illegible]
30+00			8.6	126.[illegible]
+50			6.6	128.[illegible]
31+00			6.0	129.[illegible]
+20			6.6	128.[illegible]
+24			8.7	126.[illegible]
+26			6.9	128.[illegible]
+50			5.5	129.[illegible]

mar. 30/11 (Taylor Bunker) 78

Sta.		H.I.	Rod	Elev.
		135.34		
32+00			4.2	131.1
+50			1.8	133.5
J.P.	11.34	145.82	0.86	134.48
33+00			10.5	135.3
+50			9.0	136.8
34+00			10.0	135.8
+06			10.4	135.4
+21			9.8	136.0
+38			7.6	138.2
+50			6.8	139.0
35+00			5.1	140.7
	8° 57' L			
+26.13	M.H. center 32nd		4.23	141.59
	= 0+00 on 32nd			
35+50			3.5	142.3
+54			4.6	141.2
+61			3.7	142.1
+68			4.1	141.7
+80			2.7	143.1

Mar. 30/11 [illegible]

Cont. from page 78 #400

Sta.			H.I.	Rod	Elev.
35+88			145.82	0.3	145.5
+92				1.0	144.8
36+00				1.0	144.8
T.P.		1045	156.15	0.12	145.70
+50				9.0	147.1
37+00				4.0	152.1
+39				3.8	152.3
+50				4.2	151.9
38+00				5.6	150.5
+50				4.6	151.6
+53	19° 35' L M.H. = 2+75 m Lot line bet Ida = 32 m			4.46	151.69

79

1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12

330
330
125
7,85

13
12
11
10
9
8
7
6
5
4
3
2
1
91

6
5
4
3
2
1
23

12
11
10
9
8
7
6
5
4
3
2
1

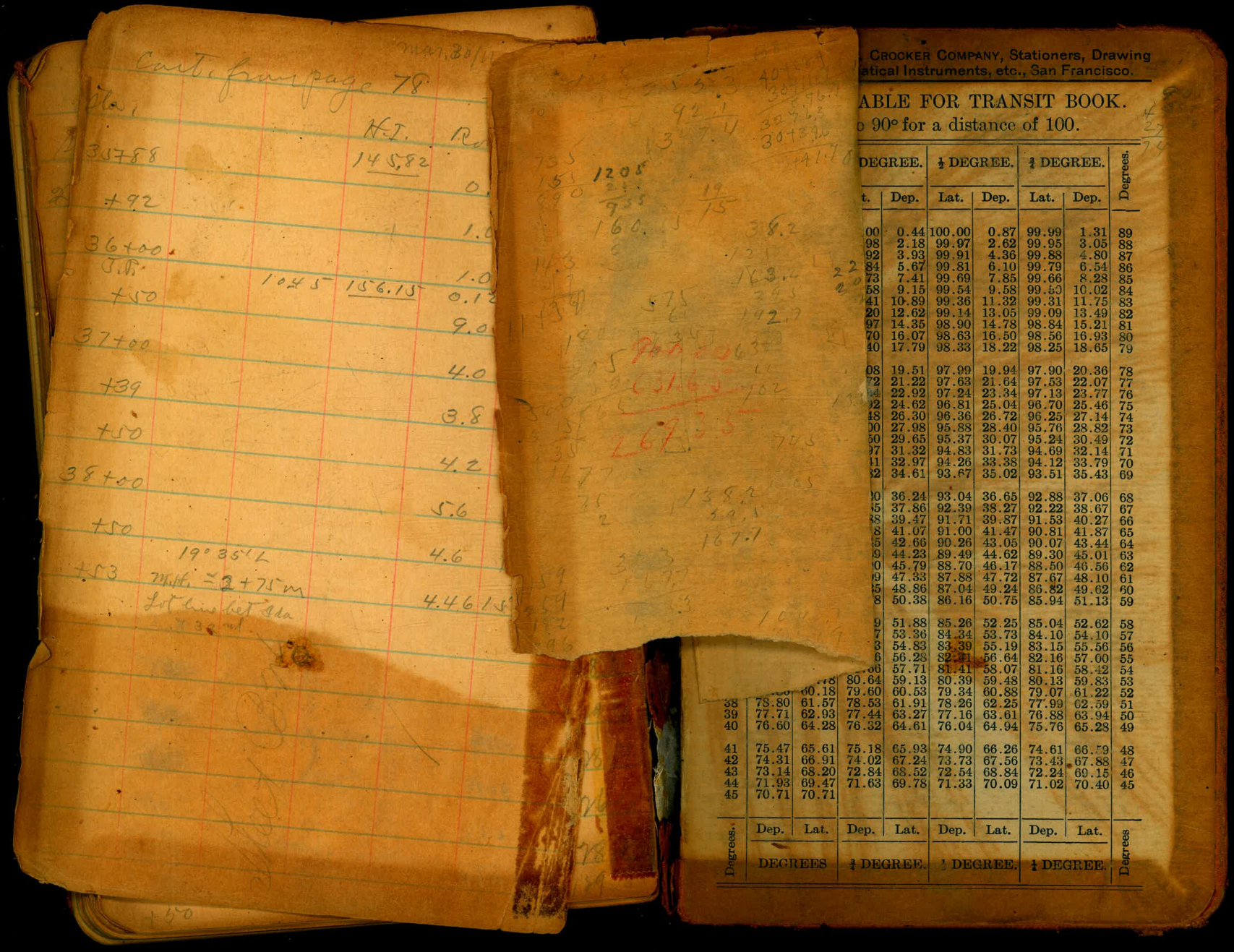
239.95
208.3
31.65

79
7
6
5
4
3
2
1

B	J	C
170	120	120
196	82	82
181	67	112
169	55	136
123	9	288

46

Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees
						53.73	84.10	54.16	
					83.39	55.19	83.15	55.56	56
				56.28	82.41	56.64	82.16	57.00	55
			.66	57.71	81.41	58.07	81.16	58.42	54
		.78	80.64	59.13	80.39	59.48	80.13	59.83	53
	.80	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		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		



Cont. from page 78

mar. 30/11

Sta.		H.I.	Ro
35+88		145.82	0.
+92			1.0
36+00			1.0
T.P.	1045	156.15	0.12
+50			9.0
37+00			4.0
+39			3.8
+50			4.2
38+00			5.6
+50			4.6
+53	19° 35' L		4.46 15

M.H. = 2+75 m

Lot line bet Ida

+30 rd

+50

CROCKER COMPANY, Stationers, Drawing
atical Instruments, etc., San Francisco.

ABLE FOR TRANSIT BOOK.

o 90° for a distance of 100.

	DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	t.	Dep.	Lat.	Dep.	Lat.	Dep.	
	.00	0.44	100.00	0.87	99.99	1.31	89
	98	2.18	99.97	2.62	99.95	3.05	88
	92	3.93	99.91	4.36	99.88	4.80	87
	84	5.67	99.81	6.10	99.79	6.54	86
	73	7.41	99.69	7.85	99.66	8.28	85
	58	9.15	99.54	9.58	99.50	10.02	84
	41	10.89	99.36	11.32	99.31	11.75	83
	20	12.62	99.14	13.05	99.09	13.49	82
	97	14.35	98.90	14.78	98.84	15.21	81
	70	16.07	98.63	16.50	98.56	16.93	80
	40	17.79	98.33	18.22	98.25	18.65	79
	08	19.51	97.99	19.94	97.90	20.36	78
	72	21.22	97.63	21.64	97.53	22.07	77
	4	22.92	97.24	23.34	97.13	23.77	76
	92	24.62	96.81	25.04	96.70	25.46	75
	48	26.30	96.36	26.72	96.25	27.14	74
	00	27.98	95.88	28.40	95.76	28.82	73
	50	29.65	95.37	30.07	95.24	30.49	72
	97	31.32	94.83	31.73	94.69	32.14	71
	41	32.97	94.26	33.38	94.12	33.79	70
	32	34.61	93.67	35.02	93.51	35.43	69
	0	36.24	93.04	36.65	92.88	37.06	68
	5	37.86	92.39	38.27	92.22	38.67	67
	38	39.47	91.71	39.87	91.53	40.27	66
	8	41.07	91.00	41.47	90.81	41.87	65
	5	42.66	90.26	43.05	90.07	43.44	64
	9	44.23	89.49	44.62	89.30	45.01	63
	0	45.79	88.70	46.17	88.50	46.56	62
	9	47.33	87.88	47.72	87.67	48.10	61
	5	48.86	87.04	49.24	86.82	49.62	60
	8	50.38	86.16	50.75	85.94	51.13	59
	9	51.88	85.26	52.25	85.04	52.62	58
	7	53.36	84.34	53.73	84.10	54.10	57
	3	54.83	83.39	55.19	83.15	55.56	56
	6	56.28	82.41	56.64	82.16	57.00	55
	.66	57.71	81.41	58.07	81.16	58.42	54
	.78	80.64	59.13	80.39	59.48	80.13	59.83	53
	.60	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
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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.		