456

400
LEVEL

F.B.456
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	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

456

MICROFILMED
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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	14.3[illegible]
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

COMMUNI CONSENSU PRIMO TRADE MARK

FROM
Loring's Book Store

MANUFACTURED BY

H. S. Crocker Co.

SAN FRANCISCO
and
SACRAMENTO

Preliminary levels 1

for Sewer Extension

East of Georgia Univ. Hts.

Jan 26/09 { Childs, Barber, Rogers

2

ev.
40.8
40.9
41.7
40.0
38.7
38.2
38.7
40.4
42.1
42.6
43.0
3.2
43.6
42.7
42.6
42.0

Alley bet. Georgia + Flordia

Sta.		H.I.	Rod.	Elev.
0+00	439' north of No. line Madison	358.31	8.6	349.7
+50			7.8	350.5
1+00	357.795 BM		8.4	349.9
+50	6.2 / 358.31 / 12.88 / 345.43 O.P. / 3.3.8 / 348.81		8.6	349.7
2+00	12.66		9.5	348.8
+50	345.65 — BM on No. line Madison East		9.9	348.4
3+00	Alley hub bet. Georgia + Flordia		10.6	347.7
+50			11.5	346.8
4+00			12.1	346.2
+50			12.3	346.0
5+00			12.8	345.5
+50		348.81	4.3	344.5
6+00			5.4	343.4
+50			6.0	342.8
7+00			6.7	342.1
+50			7.3	341.5

Profile plotted sheet 20

plotted

Jan 26/09 Childs Barber Rogers

Adams ave. to 145' north of Elcajon 2

Sta.		H.I.	Rod	Elev.
8+00		348.81	8.0	340.8
+50			7.9	340.9
9+00			7.1	341.7
+50			8.8	340.0
10+00	POSTED		10.1	338.7
+50			10.6	338.2
11+00			10.1	338.7
+50			8.4	340.4
12+00	So. line Monroe		6.7	342.1
+50			6.2	342.6
13+00			5.8	343.0
+50			5.6	343.2
14+00			5.2	343.6
+50			6.1	342.7
15+00			6.2	342.6
+50			6.8	342.0

Childs
Barber
Rogers
alley bet. Georgia + Florida
Jan. 26/09

Sta.		H.I.	Rod	Elev.
16+00		348.81	7.7	341.1
+50			9.1	339.7
17+00	17.80 336.01 T.P. 0.86 336.87	336.87	11.3	337.5
+50			0.6	336.3
18+00	13.25 323.62 TP 0.43 324.05		1.1	335.8
+00.4	Moline meade		1.1	335.8
+50			3.6	333.3
19+00			3.9	333.0
+50			5.3	331.6
20+00			5.4	331.5
+50			8.5	328.4
21+00			10.6	326.3
+50			13.3	323.6
22+00		324.05	2.4	321.6
+50			3.0	321.0
23+00			4.7	319.3
+35.3	center alley bet. meade + Elevator	T.P.	5.00	319.05

Alley line between Elcajon & Meade 10' alley

Jan 28/09 { Childs, Barber, Rogers

Sta.		H.I.	Rod	Elev.
* 0+00	center alley bet. Georgia & Florida	319.41	0.36	T.P. 319.05
+50			3.0	316.4
1+00			5.2	314.2
+49.35	W. line Florida		10.1	309.3
+71			11.6	307.8
+75		312.43	7.5	304.9
+89.35	center Florida		7.3	305.1
2+00			7.7	304.7
+07			7.1	305.3
+18			10.4	302.0
+29.35	E. line Florida		12.0	300.4
+50			12.9	299.5
+85			14.6	297.8
+87	creek bottom		16.2	296.2
+89			14.5	297.9
3+00			13.4	299.0

P

Profile Slatted Sheet 20

Sta.		H.I.	Rod	Elev.
3+50		312.43	10.6	301.8
+79.48	center alley bet. Florida & alabama	T.P.	10.44	301.99
4+00			10.7	301.7
+50			9.3	303.1
5+00			5.6	306.8
+50			5.1	307.3
6+00			1.8	310.6
+09.85	East line alabama		1.4	311.0
+50		324.05	10.9	313.1
7+00			11.1	312.9
+50			8.5	315.5
+60.53	center alley bet. alabama & mississippi	T.P.	7.94	316.11
8+00			5.2	318.8
+50			1.1	322.9
9+00			1.0	323.0
+50		334.87	9.1	325.8
+89.9	East line mississippi		7.9	327.0

P

Sta.		H.I.	Rod	Elev.
10+00		334.87	7.3	327.6
+50			4.7	330.2
11+00			2.5	332.4
+39.6	Center alley bet. Mississippi + Louisiana	T.P.	1.40	333.47
		H.I.		T.P.
0+00	Same as page 4 going west	325.33	6.28	319.05
+50			4.9	320.4
1+00			3.6	321.7
+30	about 20' E. Georgia		2.3	323.0

Childs 2/1/09
Barber
Rogers

Alley bet. Park Boulevard & Georgia
from meade to Elcajon.

Sta.		H.I.	Rod	Elev.
0+00	F.J. about 20' so. meade.	344.68	0.5	344.2
+50			1.0	343.7
1+00			1.5	343.2
+50			1.8	342.9
2+00			2.1	342.6
+50			2.7	342.0
3+00			3.9	340.8
+50			5.4	339.3
4+00			9.6	335.1
+35	center alley bet. meade & Elcajon	333.55	2.9	330.7
+50			4.6	329.0
5+00			10.5	323.1
+09			12.4	321.2
+50			13.2	320.4
6+00			13.2	320.4
+17			11.7	321.9
+25			6.7	326.9

P

Profile Stalled
Sheet 20

Sta.		Rod	Elev.
6+43		6.8	326.8
+48		9.6	324.0
+55.03	center Elcajon		322.9

P

POSTED

29.2
625.83 to bulb. – 326.83 J.P.

alley bet. Florida & alabama & meade to adams

Sta.		H.I.	Rod	Elev. T.P.
0+00	M.H. center alley bet meade & Elcajon	314.96	12.97	301.99
+50			9.3	305.7
1+00			11.4	303.6
+50			11.3	303.7
2+00			11.6	303.4
+50			9.0	306.0
3+00			8.0	307.0
+50			8.5	306.5
4+00			7.3	307.7
+50			7.3	307.7
5+00			4.0	311.0
+35.2	No line meade		4.6	310.4
+50			4.4	310.6
6+00			3.6	311.4
+50			3.1	311.9
7+00			5.0	310.0

note Grade had better be from 5 to 7' below ground for whole line

P

Profile platted Sheet 2

from alley bet. Elcajon ave. 2/1/09 Childs Barbery Rogers

Sta.		H.I.	Rod	Elev.
7+50		314.96	3.9	311.1
8+00			1.7	313.3
+40	P	325.64	12.5	313.1
+50			13.5	312.1
+60	creek bottom		15.2	310.4
9+00			13.0	312.6
+50			13.0	312.6
10+00			11.4	314.2
+50			11.4	314.2
11+00			11.5	314.1
+50			9.7	315.9
12+00			8.6	317.0
+50			6.7	318.9
13+00			5.7	319.9
+50			3.2	322.4
14+00			3.2	322.4

Continued from page 7

Sta.		H.I.	Rod	Elev.
14+50		325.64	2.2	323.4
15+00			2.7	322.9
+50			0.7	324.9
16+00			0.3	325.3
+50		338.21	12.3	325.9
17+00			11.3	326.9
+50			10.0	328.2
18+00			9.5	328.7
+16.7	So. line madison		9.1	329.1
+50			8.5	329.7
19+00			8.2	330.0
+50			6.9	331.3
20+00			6.1	332.1
+50			4.9	333.3
21+00			3.7	334.5
+50			2.3	335.9

680
340

2/2/09

Childs
Barber
Rogers

Sta.		H.I.	Rod	Elev.
22+00		338.21	2.4	335.8
+50			2.1	336.1
23+00			1.1	337.1
+50		340.42	1.7	338.7
+60	about 1½ so, adams ave.		1.14	J.P. 339.28

2360
1856.7
5033

2364.7
1776.7
5833

alley bet. Alabama & Mississippi
from alley. bet. Elcajon & Meade

Sta.		H.I.	Rod	Elev. T.P.
0+00	M.H. center alley bet. Meade & Elcajon	329.02	12.91	316.11
+50			9.2	319.8
1+00			8.4	320.6
+50			6.7	322.3
2+00			5.3	323.7
+50			5.2	323.8
3+00			3.0	326.0
+50	at least 7' deep		2.2	326.8
4+00			1.8	327.2
+50			1.7	327.3
+54.83	So. line Meade		1.9	327.1
5+00		337.24	7.2	330.0
+50			6.8	330.4
6+00	at least 10' deep		6.6	330.6
+50			6.7	330.5
7+00			7.6	329.6

POSTED

Profile plotted Sheet 21

Feb. 9/09 Childs Barber Rogers 9

To Adams ave.

Sta		H.I.	Rod	Elev.
7+50		337.24	8.7	328.5
8+00			8.6	328.6
+50			7.8	329.4
9+00	at least 7' deep.		7.6	329.6
+50			7.1	330.1
10+00			6.2	331.0
+50			4.8	332.4
11+00			3.7	333.5
+50			2.7	334.5
12+00			2.7	334.5
+50			2.9	334.3
13+00			3.7	333.5
+50			4.8	332.4
14+00			5.4	331.8
+50			5.0	332.2
15+00			4.8	332.4

POSTED

Same as Page 9

Sta.	H.I.	Rod	Elev.
15+50	337.24	5.0	332.2
16+00		3.8	333.4
+50		3.8	333.4
17+00		2.3	334.9
+50		3.0	334.2
18+00	347.37	13.2	334.2
+15.52 So. line medium		13.4	334.0
+50		12.3	335.1
19+00		11.5	335.9
+50		10.7	336.7
20+00		10.0	337.4
+50		9.3	338.1
21+00		8.2	339.2
+50		7.3	340.1
22+00		6.2	341.2
+50		5.3	342.1

Feb. 9/09 {Childs Barber Rogers

Sta.	H.I.	Rod	Elev.
23+00	347.37	4.5	342.9
+50		3.9	343.5
24+00		3.4	344.0
+50		2.7	344.7
+75 about 20' so. adams.		2.7	344.7

POSTED

alley line bet. Mississippi & Louisiana
bet. alley bet. Elcajon & Meade to

Sta.		H.I.	Rod	Elev.
		339.57		T.P.
0+00	M.H. center alley bet. Meade & Elcajon.		6.10	333.47
+50			6.2	333.4
1+00			5.7	333.9
+50			5.1	334.5
2+00			5.1	334.5
+50			4.8	334.8
3+00			4.7	334.9
+50			5.1	334.5
4+00			4.8	334.8
+50			4.7	334.9
+54.83			4.6	335.0
5+00			4.6	335.0
+50			4.8	334.8
6+00			4.7	334.9
+50			4.4	335.2
7+00			4.3	335.3

POSTED

Profile Slatted
Sheet 22

Adams ave. Feb. 10/09 {Childs Barber Rogers

11

Sta.	H.I.	Rod	Elev.
7+50	339.57	3.9	335.7
8+00		3.2	336.4
+50		2.8	336.8
9+00		2.4	337.2
+50		1.6	338.0
10+00		1.2	338.4
+50		0.9	338.7
11+00		1.1	338.5
+50		1.3	338.3
12+00		1.7	337.9
+50	348.47	10.9	337.6
13+00		10.9	337.6
+50		10.9	337.6
14+00		10.1	338.4
+50		9.0	339.5
15+00		8.4	340.1

Continued from page 11

Sta.	H.I.	Rod	Elev.
15+50	348.47	8.1	340.4
16+00		7.6	340.9
+50		7.6	340.9
17+00		7.6	340.9
+50		6.5	342.0
18+00		7.5	341.0
+50		6.1	342.4
19+00		5.3	343.2
+50		4.3	344.2
20+00		3.4	345.1
+50		2.8	345.7
21+00		1.5	347.0
+50		1.2	347.3
22+00	357.57	9.0	348.6
+50		7.8	349.8
23+00		7.2	350.4

Feb. 10/09 { Shields, Barber, Rogers

Sta.	H.I.	Rod	Elev.
23+50	357.57	7.0	350.6
24+00		5.8	351.8
+50		6.2	351.4
+75 about 20' to adams.		3.6	354.0

POSTED

Alley. bet. Elcajon & meade
from 25' East of center of alley

Feb. 15/09 {Childs Barber Rogers

bet. Mississippi & Louisana to center alley bet. Oregon & Idaho.

Sta.		H.I.	Rod	Elev.
0+00	25' East of center of alley bet. Mississippi & Louisana	337.91	4.3	333.6
+50			6.6	331.3
1+00			7.7	330.2
+50			9.6	328.3
2+00		334.12	7.2	326.9
+50			7.6	326.5
3+00			8.4	325.7
+50			8.9	325.2
+54.7	Louisana & Texas center alley. bet.		9.4	324.7
4+00			10.1	324.0
+50			10.3	323.8
5+00			9.9	324.2
+44.7	center texas.		9.1	325.0
+50			8.9	325.2
6+00			8.8	325.3

Profile Plotted
She et 2

Sta.		H.I.	Rod	Elev.
6+50		334.12	8.3	325.8
7+00			8.0	326.1
+34.7	Center alley bet. Texas & Arizona		6.3	327.8
+50			6.0	328.1
8+00			2.7	331.4
+50			0.8	333.3
9+00	P	344.84	7.5	337.3
+50			6.0	338.8
10+00			0.2	344.6
+50		356.98	5.7	351.3
11+00		368.92	11.8	357.1
+15	center alley bet. Arizona & Hamilton		10.52	358.40
+50			7.2	361.7
12+00			4.0	364.9
+50		379.58	10.6	369.0

Cont. from page 13 — Feb. 15/09 — Schulds, Barber, Rogers

Sta.		H.I.	Rod	Elev.
13+00		379.58	9.7	369.9
+50			9.0	370.6
14+00			6.9	372.7
+50			5.2	374.4
+95.3	center alley bet. Hamilton & Oregon		4.6	375.0
15+00			4.4	375.2
+50			5.2	374.4
16+00			5.6	374.0
+50			5.5	374.1
17+00		P	5.5	374.1
+50			4.4	375.2
18+00			4.4	375.2
+50			4.0	375.6
+75.2	center alley bet. Oregon & Idaho		4.0	375.6

Alley, bet. Louisiana & Texas from Alley bet. Elcajon & Meade to Madison and on Madison

Feb. 16/09

Childs
Barber
Rogers

Sta.		H.I.	Rod	Elev.
0+00		334.12	9.4	324.7
+50			9.3	324.8
1+00			8.3	325.8
+50			7.9	326.2
2+00			7.2	326.9
+50			7.1	327.0
3+00			6.7	327.4
+50			5.9	328.2
4+00			5.9	328.2
+50			5.7	328.4
+54.85	So. line Meade		5.5	328.6
5+00			5.2	328.9
+50			5.0	329.1
6+00			4.3	329.8
+50			3.1	331.0
7+00			2.1	332.0

Profile Plotted Sheet 23

Sta.		H.I.	Rod	Elev.
7+50		345.14	12.1	333.0
8+00			12.1	333.0
+50			11.0	334.1
9+00			10.2	334.9
+50			9.7	335.4
10+00			9.2	335.9
+50			7.7	337.4
11+00			5.1	340.0
+50			7.4	337.7
12+00			6.0	339.1
+15.3	No. line Marrol		5.1	340.0
+50			6.6	338.5
13+00			5.7	339.4
+50			6.1	339.0
14+00			5.6	339.5
+50			5.7	339.4

Cont. – from page 15

Sta.		H.I.	Rod	Elev.
15+00		345.14	5.1	340.0
+50			4.6	340.5
16+00			4.3	340.8
+50			3.8	341.3
17+00			3.4	341.7
+50			0.8	344.3
18+00		353.61	10.5	343.1
+14.9	So. line Madison		8.8	344.8
+50			9.7	343.9
+54.9	Center Madison		9.65	343.96
19+00			9.6	344.0
+50			9.6	344.0
20+00			9.9	343.7
+44.94	M.H. Center Madison & Louisiana		10.2	343.4

see diagram page 18

Feb. 16/09 Schild Barber Rogers

1854.9
1175.3
679.6

6.13
343.85
350.09

Louisana and Panorama streets from center madison north

Sta.		H.I.	Rod	Elev.
0+00	center madison & Louisana	353.61	10.2	343.4
+50			9.4	344.2
1+00			8.9	344.7
+50			8.3	345.3
2+00			8.6	345.0
+50			7.4	346.2
3+00			6.1	347.5
+50			5.6	348.0
4+00			3.7	349.9
+50			4.7	348.9
5+00			4.6	349.0
+50			4.5	349.1
6+00			4.0	349.6
+50			3.7	349.9
7+00			3.8	349.8
+50			3.7	349.9

POSTED

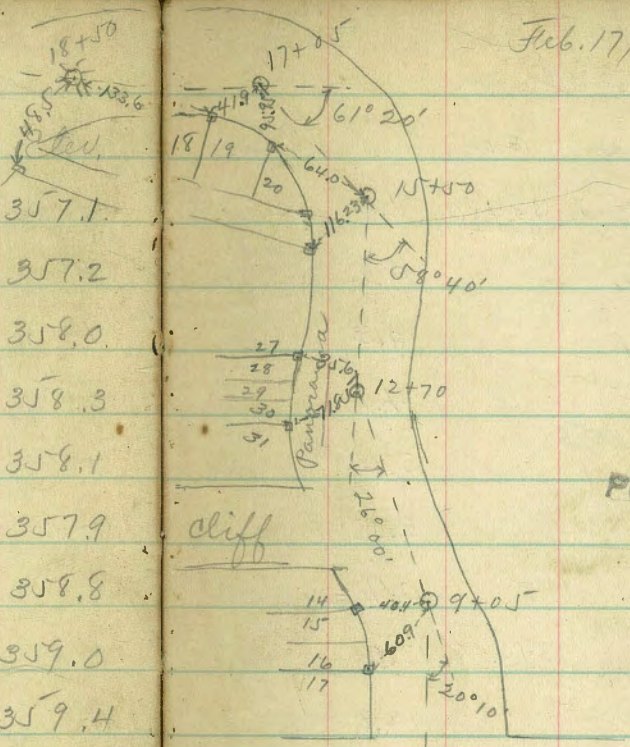
Profile plotted Sheet 23

Feb 16/09 {Childs Barber Rogers 17

Sta.		H.I.	Rod	Elev.
8+00		353.61	3.7	349.9
+50			4.0	349.6
9+00			4.5	349.1
+05	M.H. angle 20°10'L not less than 4'		4.5	349.1
+50			3.8	349.8
10+00			3.2	350.4
+50			2.3	351.3
11+00		364.24	12.0	352.2
+50			11.5	352.7
12+00			11.2	353.0
+50			10.4	353.8
+70	M.H. angle 26° 00'R.		10.0	354.2
13+00			9.9	354.3
+50			9.3	354.9
14+00			8.1	356.1
+50			7.5	356.7

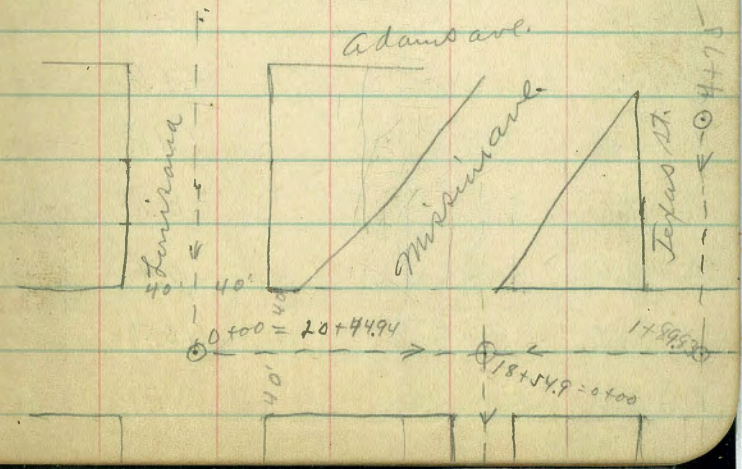
Cont. – from page 17

Sta.		H.I.	Rod	Elev.
15+00		364.24	7.1	357.1
+50	M.H. angle 58°40' L		7.0	357.2
16+00			6.2	358.0
+50			5.9	358.3
17+00			6.1	358.1
+05	M.H. 61°20' L		6.3	357.9
+50			5.4	358.8
18+00			5.2	359.0
+50.	F.S.		4.8	359.4



Feb. 17/09 Childs Barber Rogers

POSTED



alley line bet. Texas & arizona
from alley bet. Elcajon & meade

Sta.		H.I.	Rod	Elev.
0+00	center alley bet. Elcajon & meade	334.80	7.0	327.8
+50			5.4	329.4
1+00			5.3	329.5
+50			4.1	330.7
2+00			3.2	331.6
+50			2.5	332.3
3+00			0.9	333.9
+50		345.88	13.0	332.9
4+00			12.3	333.6
+50			12.0	333.9
+54.67	so line meade		11.6	334.3
5+00			9.1	336.8
+50			10.9	335.0
6+00			10.4	335.5
+50			10.1	335.8
7+00			8.7	337.2

TED

Profile Plotted
Sheet 23

Feb 18/09 { Childs
Barber
Rogers

to adams ave.

Sta.		H.I.	Rod	Elev.
7+50		345.88	8.3	337.6
8+00			8.2	337.7
+50			8.2	337.7
9+00			7.4	338.5
+50			5.5	340.4
10+00			6.1	339.8
+50			5.3	340.6
11+00			3.0	342.9
+50			3.0	342.9
12+00			2.3	343.6
+15.2	No. line ~~madison~~ Monroe		2.1	343.8
+50			1.7	344.2
13+00			1.3	344.6
+50			0.9	345.0
14+00			0.7	345.2
+50			0.4	345.5

POSTED

Cont. — from page 19

Sta.	H.I.	Rod	Elev.
15+00	358.13	12.1	346.0
+50		11.6	346.5
16+00		10.8	347.3
+50		10.1	348.0
17+00		9.3	348.8
+50		8.3	349.8
18+00		7.4	350.7
+14.35	Co. line Madison about 6' deep	7.0	351.1
+50		5.9	352.2
19+00		4.9	353.2
+50		4.9	353.2
20+00		4.8	353.3
+50		3.5	354.6
21+00		4.0	354.1
+50		3.4	354.7
22+00		2.9	355.2

Feb. 18/09 {Childs, Barber, Rogers}

Sta.		H.I.	Rod	Elev.
22+50		358.1	12.1	346.0
23+00			9.8	348.3
+50			8.8	349.3
24+00			7.4	350.7
+50			5.4	352.7
+75	about 20' Co. Adams ave.		4.3	353.8

Adams Ave & Panorama St.

Sta.		H.I.	Rod	Elev.
0+00	M.H. 68°50' R	351.28	13.0	338.3
+45			13.0	338.3
+50			14.0	337.3
1+00			12.9	338.4
+50			12.9	338.4
+60	M.H. a 54°00' L		12.9	338.4
2+00			12.5	338.8
+50			12.7	338.6
3+00			11.8	339.5
+50			10.9	340.4
4+00	M.H. 50° 00' R		10.7	340.6
+50			9.8	341.5
5+00			8.9	342.4
+40.5	M.H. 21° 30' L center alley		7.5	343.8
+50			7.2	344.1
6+00			5.7	345.6

POSTED

Profile plotted Sheet 24

Feb. 19/09 {Childs, Churchman, Rogers

Sta.		HI.	Rod	Elev.
6+50		351.28	4.5	346.8
7+00			2.5	348.8
+50			0.1	351.2
+60	M.H. 34°50' L	361.59	10.1	351.5
8+00			9.7	351.9
+50			9.2	352.4
9+00			8.1	353.5
+50			7.2	354.4
10+00			6.2	355.4
+50			5.4	356.2
11+00			4.6	357.0
+50			3.8	357.8
12+00			2.9	358.7
+50			2.4	359.2
+55	H.J.		2.4	359.2

POSTED

alley line bet. adams ave
& cliff from panorama

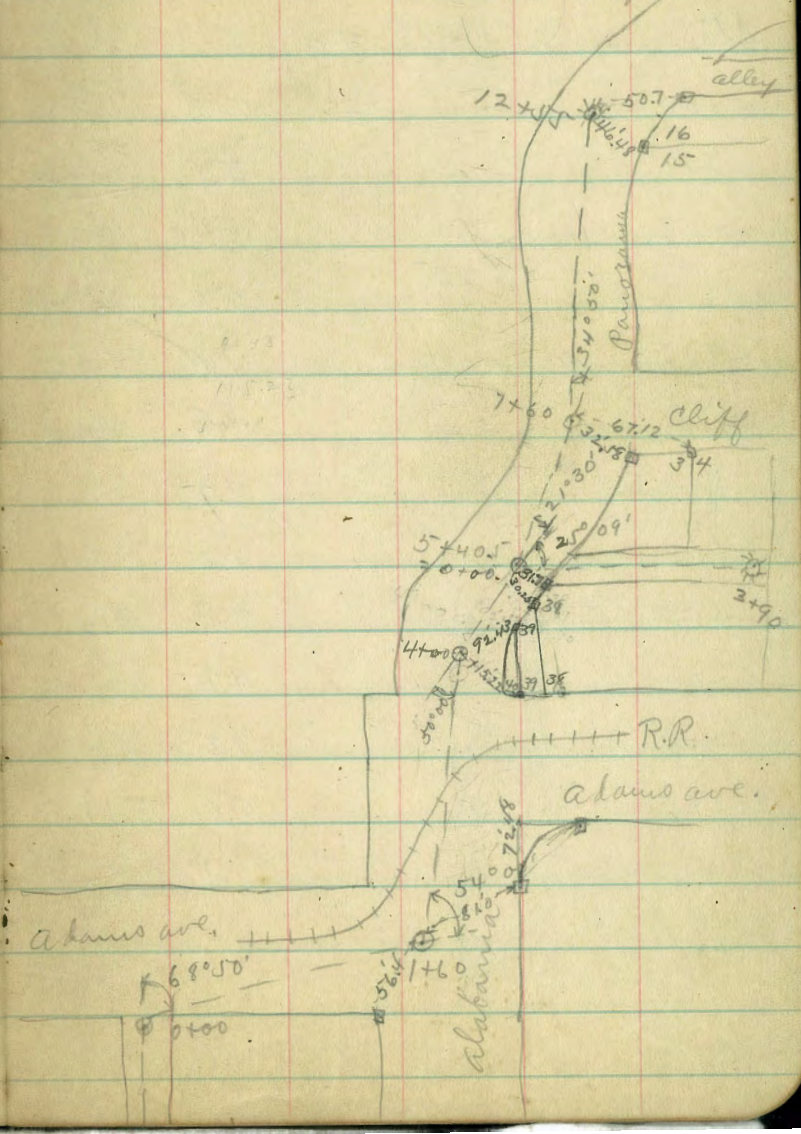
Sta.		H. I.	Rod	Elev.
0+00 = 5+40.5 on panorama.	25° 09' R	351.28	7.5	343.8
+19	gutter		7.1	344.2
+20	cb.		6.0	345.3
+50			5.7	345.6
1+00			3.4	347.9
+50			1.1	350.2
2+00		361.59	9.6	352.0
+50			8.2	353.4
3+00			6.8	354.8
+50			6.1	355.5
+90	F.T.		6.9	354.7

Bobbie plotted
Sheet 24

East.

Feb. 19/09

{ Childs
Churchman
Rogers.



Mar. 19/09 {Childs Barber Rogers

Madison from alley bet. Louisana & Texas to center Texas) & north on Texas

Sta.		H.I.	Rod	Elev.
0+00		350.09	6.13	343.96
+50			5.9	344.2
1+00			5.4	344.7
+50			5.0	345.1
+89.83	MH. center Texas		4.4	345.7
2+00			4.8	345.3
+50			4.2	345.9
3+00			4.0	346.1
+50			4.0	346.1
4+00			4.9	345.2
+50			7.3	342.8
+75			8.8	341.3

Profile plotted Sheet 24

343.96
6.13
350.09

J.P.

Alley line bet. Arizona & Elcay from alley bet.

Sta.		H.I.	Rod	Elev.
0+00	N.H. center alley bet Elcay & Meade	366.20	7.81	358.39
+50			7.7	358.5
1+00			7.4	358.8
+50			7.1	359.1
2+00			7.3	358.9
+50			6.7	359.5
3+00			5.2	361.0
+50			5.5	360.7
4+00			5.5	360.7
+50			4.7	361.5
5+00			6.3	359.9
+34.7	no. line meade		5.7	360.5
+50			6.3	359.9
6+00			5.5	360.7
+50			4.8	361.4
7+00			4.4	361.8

Profile Leveled Sheet 24

Hamilton & Meade to Adams ave. Mar. 19/09 {Childs Barber Rogers

Sta.		H.I.	Rod	Elev.
7+50	371.11 50 371.65 1.32 358.40 J.P. 7.80 366.20 0.35 365.85 J.P. on block 12.79 near sta 10 378.64	366.20	5.4	360.8 J.P.
8+00			4.0	362.2
+50			3.9	362.3
9+00			3.0	363.2
+50			2.4	363.8
10+00		378.64	10.9	367.7
+50			11.3	367.3
11+00			8.6	370.0
+35.2	No. line meade		8.8	369.8
+50			8.6	370.0
12+00			6.0	372.6
+50			6.0	372.6
13+00			6.8	371.8
+50			6.2	372.4
14+00			6.3	372.3
+50			6.5	372.1

Cont. — from page 24.

Sta.		H.I.	Rod	Elev.
15+00		378.64	5.3	373.3
+50			3.6	375.0
16+00			3.0	375.6
+50			2.8	375.8
17+00			3.3	375.3
+50			3.6	375.0
18+00			3.9	374.7
+50			3.0	375.6
+94	no. line madison		3.3	375.3
19+00			3.5	375.1
+50			2.7	375.9
20+00			2.1	376.5
+50			1.8	376.8
21+00		384.87	7.9	377.0
+50			7.3	377.6
22+00			6.7	378.2

apr. 19/09 {Childs, Barber, Taylor} 25

Sta.			H.I.	Rod	Elev.
22+50		2.07 376.57 J.P. 8.30 384.87 ✓ 3.44	384.87	5.0	379.9
23+00				5.1	379.8
+50				6.0	378.9
24+00				5.3	379.6
+50				3.3	381.6
+85	about 9' to so. line Adams, ave,			4.7	380.2

Alley line bet. Hamilton & Oregon
Elcajon & Meade to Copley

Sta.		H.I.	Rod	Elev.
0+00	M.H. center alley bet. Elcajon & Meade.	381.23	6.2	75.0
+50			6.9	74.3
1+00	371.11 10.12 81.23 ✓		6.0	75.2
+50	2.82 78.41 T.P. 7.83 86.24 ✓		7.3	73.9
2+00			7.1	74.1
+50			6.3	74.9
3+00			4.7	76.5
+50			5.6	75.6
4+00			5.5	75.7
+50			5.8	75.4
+55.1	So. line Meade		5.7	75.5
5+00			4.8	76.4
+50			5.7	75.5
6+00			5.3	75.9
+50			4.8	76.4
7+00			6.2	75.0

Profile platted Sheet 25

from alley bet. Apr. 19/09 {Childs, Barber, Taylor

26

Sta.		H.I.	Rod	Elev.
7+50		381.23	6.3	74.9
8+00			6.4	74.8
+50			6.4	74.8
9+00			6.0	75.2
+50			6.4	74.8
10+00			6.1	75.1
+50			5.7	75.5
11+00			5.5	75.7
+35.1	So. line Monroe		3.0	78.2
+50			4.7	76.5
12+00		386.24	8.6	77.6
+50			8.6	77.6
13+00			8.4	77.8
+50			8.6	77.6
14+00			8.7	77.5
+50			6.3	79.9

Cont- from page 26 Apr. 19/09 {Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
15+00		386.24	7.2	79.0
+50			8.0	78.2
16+00			6.8	79.4
+50			7.5	78.7
17+00			7.1	79.1
+50			6.7	79.5
18+00			6.8	79.4
+50			6.1	80.1
+94.3	no. line Madison		6.3	79.9
19+00			6.3	79.9
+50			6.1	80.1
20+00			5.9	80.3
+50	381.43 B.M. 931 390.74	390.74	9.9	380.8
21+00			9.7	381.0
+50			8.8	381.9
22+00			8.1	382.6

Apr. 21/09 {Childs Barber Taylor

Sta		H.I.	Rod	Elev.
22+50		390.74	8.6	382.1
23+00			6.9	383.8
+50			6.6	384.1
24+00			7.5	383.2
+50			7.4	383.3
+92			6.6	383.1
+94			8.0	382.7
25+00			8.1	382.6
+50			8.6	382.1
+74			7.4	383.3
+76			5.9	384.8
26+00			5.7	385.0
+50			6.2	384.5
27+00			5.5	385.2
+50			5.3	385.4
28+00			4.6	386.1

Cont. — from page 27

27½
Apr. 21/09 { Childs
Barber
Taylor

Sta.		H.I.	Rod	Elev.
28+00		390.74	3.7	387.0
29+00			2.8	387.9
+50			3.2	387.5
30+00			3.3	387.4
+50			2.9	387.8
31+00			3.7	387.0
+50			3.7	387.0
+55	about 18.8 from copley.		3.5	387.2

Alley line bet. Oregon & Idaho from alley bet. Elcajon & meade to Copley

apr. 22/09 { Childs, Barber, Taylor

Sta		H.I.	Rod	Elev.
0+00	outer alley bet Elcajon & meade	383.21	7.6	375.6
+50			6.4	376.8
1+00	375.69 B.M. Idaho 7.52 Elcajon 383.21 ✓		7.1	376.1
+50	4.44 378.77 J.P.		7.4	375.8
2+00	7.38 386.15 ✓		6.6	376.6
+50			6.6	376.6
3+00			7.4	375.8
+50			7.1	376.1
4+00			7.2	376.0
+50			6.8	376.4
+54.85	so. line meade		6.9	376.3
5+00			7.1	376.1
+50			7.1	376.1
6+00			6.7	376.5
+50			6.8	376.4
7+00			4.7	378.5

Profile plotted Sheet 25

Sta		H.I.	Rod	Elev.
7+50		383.21	5.7	377.5
8+00			6.4	376.8
+50			6.3	376.9
9+00			6.0	377.2
+50			6.5	376.7
10+00			4.3	378.9
+50			5.6	377.6
11+00			5.4	377.8
+35	so. line monroe		5.1	378.1
+50			5.1	378.1
12+00			4.7	378.5
+50		386.15	7.6	378.5
13+00			4.7	381.4
+50			7.0	379.1
14+00			6.8	379.3
			~~7.2~~	

Cont. — from Page 28

Sta		H.I.	Rod	Elev.
14+50		386.15	7.2	378.9
15+00			5.8	380.3
+50			7.0	379.1
16+00			7.0	379.1
+50			5.3	380.8
17+00			6.6	379.5
+50			7.0	379.1
18+00			5.1	381.0
+50			6.3	379.8
+93.9	No. line Madison		5.0	381.1
19+00			4.7	381.4
+50			6.2	379.9
20+00			4.5	381.6
+50			5.0	381.1
21+00			5.7	380.4
+50			5.1	381.0

Apr. 22/09 { Childs, Barb, Taylor

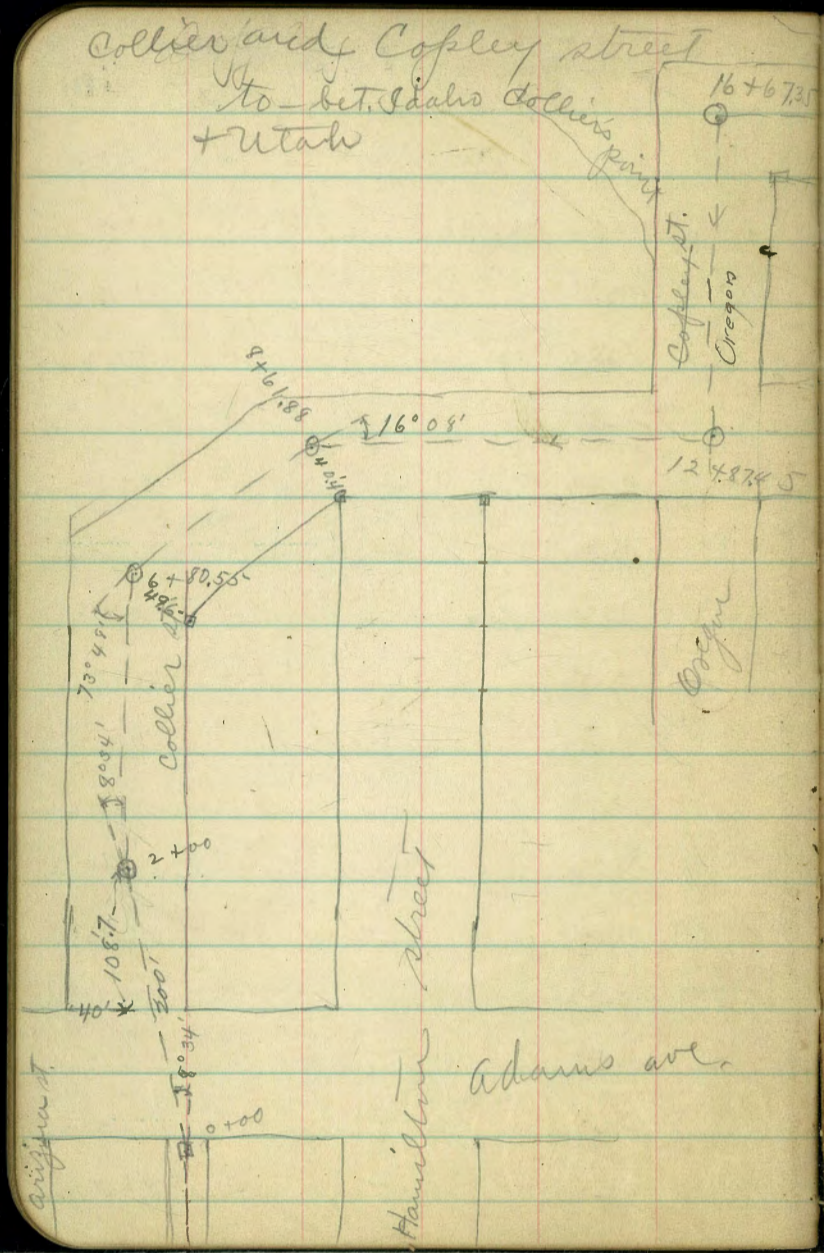
Sta		H.I.	Rod	Elev.
22+00		386.15	4.2	382.9
+50	1.75 / 384.40 5.8 / 5.00		3.9	382.2
23+00	389.40 / 384.03 / 5.37		3.3	384.8
+50			2.9	383.2
24+00		389.40	6.0	383.4
+50			5.2	384.2
25+00			4.9	384.5
+50			4.6	384.8
+73.45 +40	No. line Adams		3.6	385.8
26+00 +67	385.31 B.N.I.	395.17	9.0	386.2
+50 114	Adams and Adams. 9.86 / 395.17		8.5	387.7
27+00 167			7.2	388.0
+50 217			7.6	387.6
28+00 267			7.1	388.1
+50 317			7.5	387.7
29+00 367			6.5	388.7

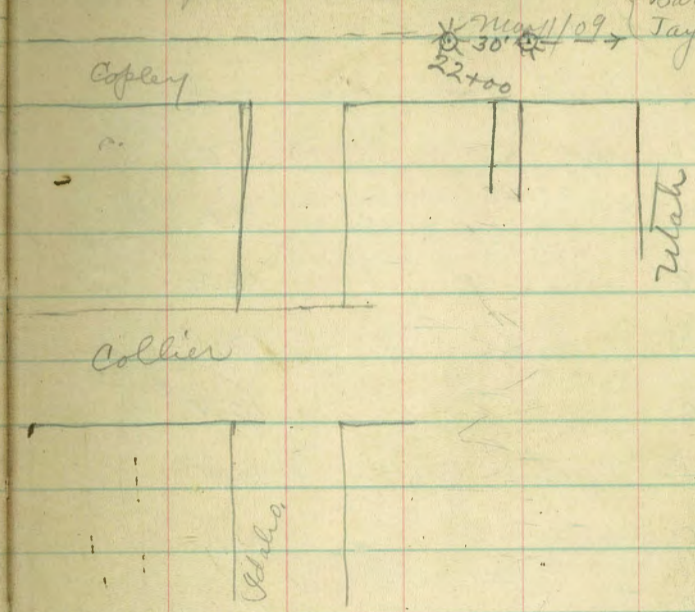
Cont. – from page 29.

Sta		H.I.	Rod	Elev.
29+50	417	395.17	5.6	389.6
30+00	467		6.8	388.4
+50	517		6.5	388.7
31+00	567		6.4	388.8
+50	617		6.3	388.9
+73.00	640 so. line Collier		5.4	389.8
32+00	667		6.0	389.2
+50	717		3.9	391.3
33+00	767		4.3	390.9
+40	807		3.3	391.9
+50	817		5.6	389.6
+56	823		3.5	391.7
34+00	867		2.3	392.9
+50	917		3.0	392.2
35+00	967		2.3	392.9
+35	~~1002~~ 18' so. of Copley		2.1	393.1

Collier and Copley street line from Adams ave

to bet. Idaho Collier's point + Utah





Collier & Copley St.
Adams ave. to

Sta.		H.I.	Rod	Elev.
0+00	M.H.	388.90	8.6	380.3
+05	381.43 BM. Hamilton 7.47 388.90 + Adams		9.0	379.9
+08			12.3	376.6
+25	gutter		13.5	375.4
+50			12.4	376.5
+75	gutter		13.5	375.4
1+00			11.5	377.4
+50			10.0	378.9
2+00	M.H.		9.5	379.4
+50			8.6	380.3
3+00			8.8	380.1
+50			10.1	378.8
4+00			10.7	378.2
+50			9.5	379.4
+98	12.5' W = house			376.9
5+00			8.0	380.9
+50			7.0	381.9

Profile slated
Sheet 26

line from May 1/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
6+00		388.90	6.3	382.6
+50	381.43 12.73 394.16		5.8	383.1
+80.55	M.H. 95' W = house 60' N = "	(385.0) 383.64	5.8	383.1
7+00			5.4	383.5
+50			4.6	384.3
8+00			3.9	385.0
+50			3.5	385.4
+61.88	M.H.		3.4	385.5
9+00			3.2	385.7
+50			2.1	386.8
10+00		394.16	6.7	387.5
+50			6.3	387.9
11+00			5.7	388.5
+50			5.3	388.9
12+00			5.1	389.1
+50			5.3	388.9

cont. - from page 32.

Sta.		H.I.	Rod	Elev.
12 + 87.45	N.H. center Copley + Collier	394.16	5.6	388.6
13 + 00			5.6	388.6
+ 50			5.6	388.6
14 + 00	391.18 6.27 397.45		5.1	389.5
+ 50			4.8	389.4
15 + 00			4.4	389.8
+ 50			3.6	390.6
16 + 00			3.3	390.9
+ 50			2.9	391.3
+ 67.35	N.H. Turn in Copley at Collier's point	T.P. H.I. 397.45	2.98	391.18
17 + 00			5.8	391.6
+ 50			5.3	392.1
18 + 00			4.8	392.6
+ 50			4.5	392.9
19 + 00			4.3	393.1

Sheet 37-A

May. 5/09 {Shields, Barber, Taylor}

Sta		H.I.	Rod	Elev.
19 + 50		397.45	4.0	393.4
20 + 00			3.8	393.6
+ 50			3.8	393.6
21 + 00			3.8	393.6
+ 50			3.8	393.6
22 + 00	F.T.		3.8	393.6

37-A

T.P.

alley line bet. Elcajon & Meade from alley bet.

Oregon & Idaho to Boundary.

May/7/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	30' East of center alley bet. Oregon & Idaho	378.55	3.0	375.5
+50			3.0	375.5
1+00			2.9	375.6
+50			3.0	375.5
2+00			3.0	375.5
+50			2.1	376.4
3+00			3.1	375.4
+49.55	Center alley bet. Idaho & Utah		3.3	375.2
4+00			4.4	374.1
+50			5.2	373.3
5+00			5.5	373.0
+50			7.9	370.6
6+00			9.6	369.0
+50			10.6	368.0
7+00			10.8	367.7
+29.15	Center alley bet. Utah & Kansas		11.4	367.1

Profile Stated Sheet ~~36~~ 36

Sta.		H.I.	Rod	Elev.
7+50		378.55	11.4	367.1
8+00			11.5	367.0
+50			11.5	367.0
9+00		370.56	3.4	367.2
+50			3.5	367.1
10+00			4.4	366.2
+50			4.7	365.9
11+00			5.6	365.0
+08.65	Center alley bet. Kansas & 30th		5.4	365.2
+50			5.8	364.8
12+00			6.2	364.4
+50			6.2	364.4
13+00			6.3	364.3
+50			5.6	365.0
14+00			5.8	364.8
+50			5.9	364.7

Cont. - from page 34

Sta.		H.I.	Rod	Elev.
14+88.9	Center alley bet. Ohio + 30th	370.56	5.0	365.6
15+00			5.5	365.1
+50			5.1	365.5
16+00			4.5	366.1
+50			3.9	366.7
+78.68	Center Ohio st.		3.9	366.7
17+00			4.5	366.1
+50			3.3	367.3
18+00			1.4	369.2
+50			2.9	367.7
+69	Center alley bet. Illinois + Ohio		2.22	368.34
19+00		38.126	12.7	368.6
+50			12.8	368.5
20+00			9.7	371.6
+50			10.6	370.7
21+00			9.4	371.9

May 17/09 { Schulz, Barber, Taylor

Sta.		H.I.	Rod	Elev.
21+50		381.26	8.7	372.6
22+00			7.8	373.5
+48.7	Center alley bet. Illinois + Iowa		5.2	376.1
23+00			4.1	377.2
+50			4.4	376.9
24+00			2.2	379.1
+38.75	Center Iowa st.		2.1	379.2
+50			2.0	379.3
25+00			0.5	380.8
+50			0.6	380.7
+70	about 23' from boundary st.		0.4	380.9

Alley line bet. Idaho & Utah from alley. Child
bet Elcajon & Meade to Copley St. May/7/09 Barber
Rogers

Sta.		H.I.	Rod	Elev.
0+00	Center alley bet Elcajon & Meade	377.81	2.6	375.2
+50			3.0	374.8
1+00	about 6' deep		3.7	374.1
+50			3.8	374.0
2+00			4.0	373.8
+50			4.1	373.7
3+00			3.6	374.2
+50			3.9	373.9
4+00			4.0	373.8
+50			4.3	373.5
5+00	about 5' deep		4.6	373.2
+50			5.0	372.8
6+00			5.4	372.4
+50			6.0	371.8
7+00			6.4	371.4
+50			6.8	371.0

Sheet 27

Profile started

Sta.		H.I.	Rod	Elev.
8+00		377.81	7.1	370.7
+50	385.31 BM. Idaho & Adams 5.19 390.50 ✓		7.6	370.2
9+00			8.0	369.8
+50			8.3	369.5
10+00			8.6	369.2
+50			8.7	369.1
11+00			8.4	369.4
+50			8.5	369.3
12+00			7.7	370.1
+50			6.2	371.6
13+00			5.9	371.9
+50			6.4	371.4
14+00			5.6	372.2
+50		390.50	16.6	373.9
15+00			16.5	374.0
+50			15.9	374.6

Cont. from Page 36

May 1/8/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
16+00		390.50	15.4	375.1	23+50	390.50 0.56 389.94 J.P. 7.05 396.99 ✓	390.50	6.5	384.0
+50			14.9	375.6	24+00			6.8	383.7
17+00			14.4	376.1	+50			6.0	384.5
+50			13.2	377.3	+91			5.6	384.9
18+00			13.1	377.4	+93			4.9	385.6
+13.63	So. line madison		13.4	377.1	25+00			4.8	385.7
+50			12.7	377.8	+50			4.8	385.7
19+00			13.0	377.5	26+00	1813.63 680 2493.63		3.6	386.9
+50			12.5	378.0	+50			3.9	386.6
20+00			12.4	378.1	27+00			3.9	386.6
+50			12.0	378.5	+50			3.7	386.8
21+00			12.0	378.5	28+00		397.0 396.99	9.4	387.6
+50			10.2	380.3	+50			8.4	388.6
22+00			10.6	379.9	29+00			7.4	389.6
+50			9.4	381.1	+50			7.8	389.2
23+00			8.3	382.2	30+00			6.6	390.4

Cont. from Page 37

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39

May 8/09 {Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
30+50		396.99	5.8	391.2
		397.00		
31+00			5.8	391.2
+50			5.4	391.6
+72.32	So. line Collier		5.2	391.8
32+00			5.2	391.8
+50			4.5	392.5
33+00			4.4	392.6
+50			3.9	393.1
34+00			3.7	393.3
+50			3.5	393.5
35+00	hub		3.5	393.5
+35	F.J.		3.6	393.4

alley line bet. Utah & from alley bet. Elcajon & Meade to Kansas Copley St. May 12/09 { Childs Barber Taylor

Sta		H.I.	Rod	Elev.
0+00	alley bet. Elcajon & Meade	372.74	5.6	367.1
+50	368.52 B.M.		6.3	366.4
1+00	Kansas & Elcajon 4.22 372.74		6.1	366.6
+50			6.5	366.2
2+00			6.3	366.4
+50			7.0	365.7
3+00			5.2	367.5
+50			7.2	365.5
4+00			7.3	365.4
+50			5.9	366.8
5+00			6.3	366.4
+34.45	no line Meade		7.1	365.6
+50			7.0	365.7
6+00			6.9	365.8
+50			6.5	366.2
7+00			6.6	366.1

Sheet 27 38 Profile Plotted

Sta.		H.I.	Rod	Elev.
7+50		372.74	6.6	366.1
8+00			6.5	366.2
+50			6.3	366.4
9+00			5.9	366.8
+50			5.7	367.0
10+00	1.41 371.33 12.27 383.60		4.4	368.3
+50			4.3	368.4
11+00			3.3	369.4
+50			2.2	370.5
+75	center Monroe		1.4	371.3
12+00		383.60	11.9	371.7
+15	no. line Monroe		11.2	372.4
+50			11.9	371.7
13+00			10.0	373.6
+50			10.5	373.1
14+00			10.1	373.5

Cont. - from page 39.

Sta.	H.I.	Rod	Elev.
14+50	383.60	8.1	375.5
15+00		8.9	374.7
+50		7.3	376.3
16+00		7.8	375.8
+50		6.6	377.0
17+00		7.0	376.6
+50		6.9	376.7
18+00		6.6	377.0
+50		6.2	377.4
+93.45 No. line Madison		6.0	377.6
19+00		6.0	377.6
+50		5.8	377.8
20+00		5.6	378.0
+50		5.3	378.3
21+00		4.4	379.2
+50		3.5	380.1

May 12/09 { Childs, Barber, Taylor

Sta	H.I.	Rod	Elev.
22+00	385.60	2.6	381.0
+50		1.5	382.1
23+00	0.62 382.98 B.S. 1.13 394.11 ✓	0.5	383.1
+50	394.11	10.4	383.7
24+00	388.06 6.05	9.3	384.8
+50		8.2	385.9
+93.		7.5	386.6
25+00		7.5	386.6
+50		7.4	386.7
26+00		6.0	388.1
+50		5.9	388.2
27+00		5.3	388.8
+50		4.8	389.3
28+00		4.5	389.6
+50		3.2	390.9
29+00		4.1	390.0

Cont. — from page 40

May 12/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
29+50		394.11	3.1	391.0
30+00			3.8	390.3
+50			3.6	390.5
31+00			3.5	390.6
+50			3.4	390.7
+71.1	So. line Collier		3.3	390.8
32+00			3.1	391.0
+50			2.9	391.2
33+00			2.5	391.6
+50			2.5	391.6
34+00			2.4	391.7
+50			2.3	391.8
35+00			2.4	391.7
+20	F.J.		2.5	391.6

Center Monroe st. from alley bet. Utah & Idaho to alley bet Utah & Kansas May 12/09 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	Center alley bet Utah & Kansas	372.74	1.4	371.3
+50		—	1.4	371.3
1+00			1.3	371.4
+50			1.5	371.2
2+00			1.9	370.8
+50			2.2	370.5
3+00			2.8	369.9
+50			3.0	369.7
+79.5	Center alley bet Utah & Idaho.		2.7	370.0

Profile filtered sheet ~~39~~ 39

alley line bet. Kansas & 30th from alley bet. Elcajon & Meade to Copley St. May 12/09 Childs Barber Taylor

Sta.		H.I.	Rod	Elev.	Sta.		H.I.	Rod	Elev.
0+00	Center alley bet. Elcajon & Meade	371.58	6.5	365.1	7+50		371.58	4.1	367.5
+50			7.0	364.6	8+00			3.4	368.2
1+00	368.52 3.06 371.58		6.7	364.9	+50	0.97 370.61 T.P. 11.55 382.16		2.6	369.0
+50			6.9	364.7	9+00			1.3	370.3
2+00			6.6	365.0	+50		382.16	9.5	372.7
+50			6.5	365.1	10+00			10.1	372.1
3+00			6.9	364.7	+50			7.9	374.3
+50			7.0	364.6	11+00			9.4	372.8
4+00			6.6	365.0	+35.35	So. line Monroe		8.5	373.7
+50			6.8	364.8	+50			7.9	374.3
5+00			6.2	365.4	12+00			6.9	375.3
+34.55	No. line Meade		6.1	365.5	+50			7.1	375.1
+50			5.4	366.2	13+00			6.3	375.9
6+00			4.5	367.1	+50			5.5	376.7
+50			6.4	365.2	14+00			4.8	377.4
7+00			3.8	367.8	+50			3.9	378.3

Profile plotted Sheet 38

Cont. from page 43

May 13/09 { Shields, Barber, Taylor

Sta.		H.I.	Rod	Elev.
15+00		382.16	3.7	378.5
+50	388.85 B.M. 3.17 392.02	392.02	13.5	378.5
16+00			13.2	378.8
+50			13.1	378.9
17+00			11.0	381.0
+50			10.8	381.2
18+00			10.6	381.4
+14.15	So. line Madison		10.2	381.8
+50			10.4	381.6
19+00			9.1	382.9
+50			9.9	382.1
20+00			9.2	382.8
+50			9.8	382.2
21+00			8.9	383.1
+50			5.7	386.3
22+00			6.4	385.8

Sta.		H.I.	Rod	Elev.
22+50		392.02	5.3	386.7
23+00			5.7	386.3
+50			5.2	386.8
24+00			4.6	387.4
+50			3.6	388.4
25+00			4.5	387.5
+50			4.4	387.6
26+00			2.6	389.4
+50	388.30 4.59 392.89		2.9	389.1
27+00			3.1	388.9
+50			3.4	388.6
28+00			3.6	388.4
+20.35	So. line Works ave.		3.6	388.4
+50			4.1	387.9
29+60.35	Center Works ave	T.P.	3.72	388.30
29+00		H.I. 392.89	4.5	387.4

May 13/09 { Childs, Barber, Taylor

Cont. - from page 44.

Sta.		H.I.	Rod	Elev.
29+50		392.89	6.2	386.7
30+00			6.9	386.0
+50			6.7	386.2
31+00			6.7	386.2
+50			5.9	387.0
32+00	0.4 % grade		5.0	387.9
+50			4.8	388.1
33+00			4.1	388.8
+50			4.1	388.8
34+00			4.1	388.8
+50			2.9	390.0
+81.6	so. line Copley		4.0	388.9
35+00			3.9	389.0
+21.6	M.H. center Copley J.S.		3.34	389.55

alley line bet. 30th & Ohio
Elcafun & Meade to Adamsave.

Sta.		H.I.	Rod	Elev.
0+00	Center alley bet. Elcafun & Meade.	378.47	12.9	365.6
+50			13.2	365.3
1+00			12.8	365.7
+50	365.57 B.M. ohio 12.90 378.47		12.2	366.3
2+00			11.8	366.7
+50			11.5	367.0
3+00			10.6	367.9
+50			10.0	368.5
4+00			9.8	368.7
+50			9.1	369.4
+54.5	so. line Meade		8.9	369.6
5+00			7.8	370.7
+50			6.7	371.8
6+00			7.0	371.5
+50			4.5	374.0
7+00			3.9	374.6

Profile plotted sheet 28

from alley bet.

May 13/09 { Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
7+50		378.47	3.7	374.8
8+00			3.3	375.2
+50	0.58 377.89 B.M. 11.15 389.04		0.8	377.7
9+00		389.04	12.2	376.8
+50			10.3	378.7
10+00			10.0	379.0
+50			8.2	380.8
11+00			8.3	380.7
+35.35	so. line Monroe.		8.2	380.8
+50			8.2	380.8
12+00			7.3	381.7
+50			5.8	383.2
13+00			4.2	384.8
+50			5.2	383.8
14+00			5.0	384.0
+50			4.1	384.9

Cont.- from page 46

May 13/09 Shields Barber Taylor

Sta.		H.I.	Rod	Elev.
15+00		389.04	4.9	384.1
+50			4.2	384.8
16+00			3.9	385.1
+50	2.15		3.5	385.5
17+00	386.89 I.P. 6.93 393.82		3.1	385.9
+50			3.3	385.7
18+00		393.82	5.3	388.5
+14.2	so. line Median		6.7	387.1
+50			5.7	388.1
19+00			6.2	387.6
+50			5.3	388.5
20+00			5.0	388.8
+50			5.0	388.8
21+00			5.0	388.8
+50			4.7	389.1
22+00			4.5	389.3

Sta.		H.I.	Rod	Elev.
22+50		393.82	4.1	389.7
23+00			4.0	389.8
+50			3.9	389.9
24+00			3.8	390.0
+50			3.3	390.5
+70	F.S.		3.2	390.6

alley line bet. Ohio & Illinois from alley bet.
Elcajon & Meade to Adams. ave.

May 14/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
0+00	center alley bet Elcajon & Meade	378.11	J.P. 9.73	368.38
+50			6.7	371.4
1+00			8.3	369.8
+50	365.57 / 12.54 / 378.11		7.3	370.8
2+00	368.32 / 9.82		6.0	372.1
+50			6.4	371.7
3+00			5.0	373.1
+50			4.5	373.6
4+00			2.9	375.2
+50			2.1	376.0
+54.5	So. line Meade		1.9	376.2
5+00		389.84	11.7	378.1
+50			12.2	377.6
6+00			10.4	379.4
+50			8.6	381.2
7+00			8.6	381.2

Profile plotted Sheet 37

Sta.		H.I.	Rod	Elev.
7+50		389.84	6.6	383.2
8+00			7.5	383.3
+50			5.7	384.1
9+00			6.2	383.6
+50			4.9	384.9
10+00			5.8	384.0
+50			4.4	385.4
11+00			4.1	385.7
+35.43	So. line Monroe		5.1	384.7
+50			4.6	385.2
+75.43	center Monroe	J.P.	4.07	385.77
12+00			4.3	385.5
+50			4.3	385.5
13+00			3.9	385.9
+50			3.1	386.7
14+00			3.5	386.3

Sheet 37

Cont. - from page 48

May 14/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
14+50		394.06	7.6	386.4
15+00	389.84 3.27 386.57 S.P. 7.49 394.06		7.3	386.7
+50	3.80 390.26 S.P. 5.15 395.41 5.01 390.40		6.6	387.4
16+00			6.7	387.3
+50			6.3	387.7
17+00			6.0	388.0
+50			5.6	388.4
18+00			5.3	388.7
+13.4	SO. line Madison		5.6	388.4
+50			4.5	389.5
19+00			5.3	388.7
+50			5.1	388.9
20+00			4.3	389.7
+50			4.4	389.6
21+00			4.2	389.8
+50			3.9	390.2

Sta.		H.I.	Rod	Elev.
22+00		395.41	5.0	390.4
+50			4.9	390.5
23+00			4.9	390.5
+50			5.0	390.4
24+00			4.9	390.5
+50			4.8	390.6
+70	F.T.		4.8	390.6

Sheet 27

Monroe St. from alley bet. center Illinois & north on Ohio & Illinois to Illinois 330'. May 14/09 { Schilds Barber Taylor

50

Sta.		H.I.	Rod	Elev.
0+00	center alley bet Ohio & Illinois	392.27	6.50	385.77
+50			6.4	385.9
1+00			6.6	385.7
+50			6.7	385.6
+90.05	center Illinois		6.7	385.6
2+00			6.8	385.5
+50			6.4	385.9
3+00			6.3	386.0
+50			4.3	388.0
4+00			5.4	386.9
+50			5.3	387.0
5+00			5.2	387.1
+20	F.S.		5.0	387.3

Profile started Sheet 36

Alley line bet. Illinois & Iowa from alley bet. Elcajon & Meade to Monroe. st. May 14/09 {Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	center alley bet. Elcajon & Meade	381.31	5.3	376.0
+50			5.3	376.0
1+00			4.3	377.0
+50	368.38 12.93 381.31		0.8	380.5
2+00	0.99 380.32 J.B.	388.79	8.8	380.0
+50	8.47 388.79		7.3	381.5
3+00			7.3	381.5
+50			5.1	383.7
4+00			5.4	383.4
+50			4.9	383.9
+54.15	So. line Meade.		4.7	384.1
5+00			6.4	382.4
+50			4.7	384.1
6+00			5.6	383.2
+50			4.7	384.1
7+00			5.2	383.6

Profile plotted Sheet 36

Sta.		H.I.	Rod	Elev.
7+50		388.79	3.7	385.1
8+00			4.4	384.4
+50			4.3	384.5
9+00			4.0	384.8
+50			2.7	386.1
10+00			3.7	385.1
+50			3.6	385.2
11+00			3.6	385.2
+10	F.J.		3.6	385.2

May 14/09 Childs
Barber
Taylor

Sewer line in center Iowa from alley bet. Elcajon & Meade
~~2~~00' North

~~Sta~~

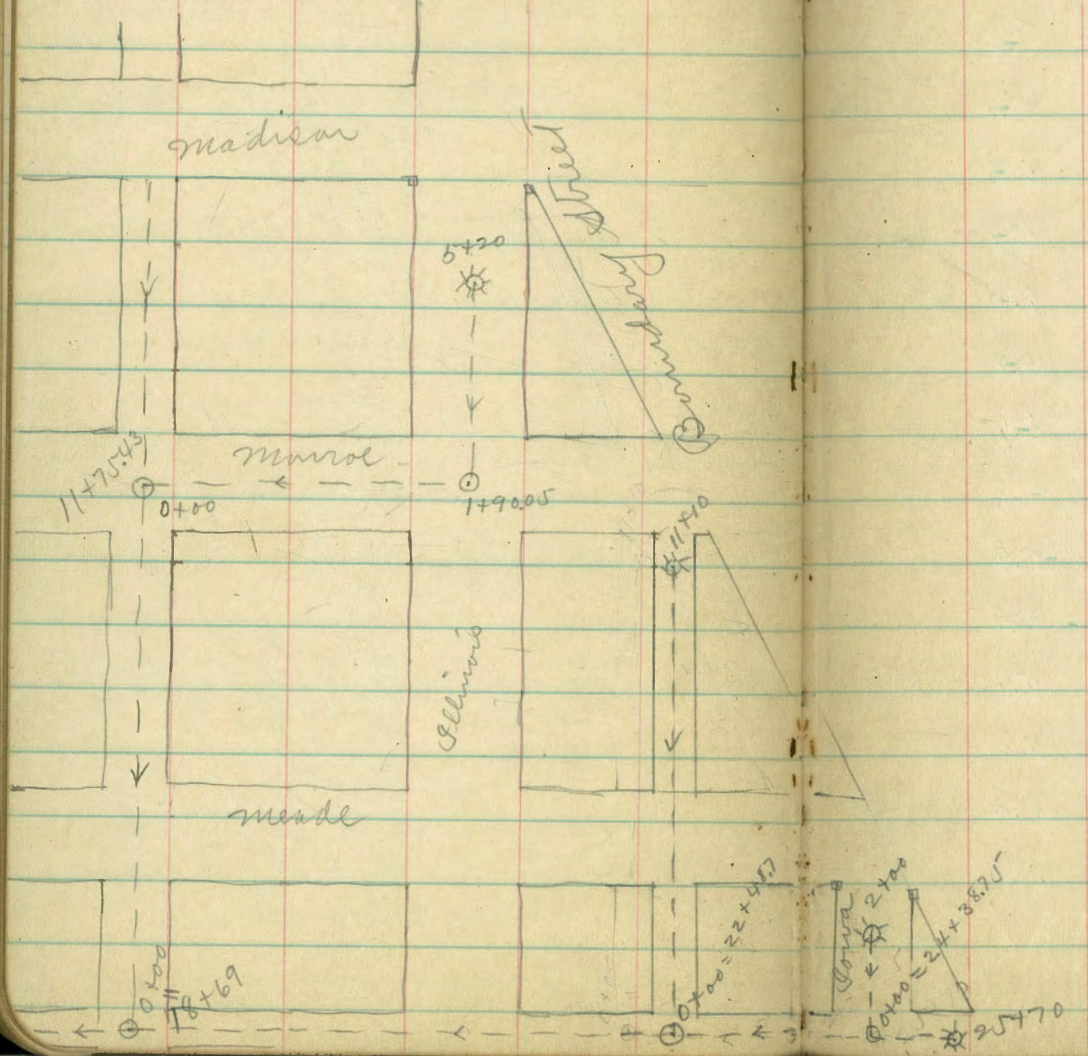
51 1/2

Sta		H.I.	Rod	Elev.
0+00	Center alley bet. Elcajon & Meade	388.79	9.6	379.2
+50			7.3	380.5
1+00			7.6	381.2
+50			8.1	380.7
2+00	F.J.		7.2	381.6

Profile Latter
Sheet 39

Diagram showing sewer system May 14/09 { Childs Barber Taylor

North of Elgin at cityline



Works ave. from alley bet. 30th & Kansas to City Limits

May 17/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.	Grade	cut.
0+00	Center alley bet. 30th & Kansas	393.94	5.6	388.30	380.5	7.8
+50			5.7	388.2		
1+00			5.8	388.1		
+50		0.4 %	5.9	388.0		
1+90.23	N.W. Center 30th & Works going East.		6.0	387.9		
2+00			5.9	388.0		
+50			5.8	388.1		
3+00	388.85 5.09 393.94		5.8	388.1		
+50		0.4 %	5.9	388.0		
4+00			5.8	388.1		
+50			5.9	388.0		
5+00			5.8	388.1		
+50			6.0	387.9		
6+00			6.4	387.5		
+20	F.S.		6.4	387.5	383.0	

Profile Sheet 57

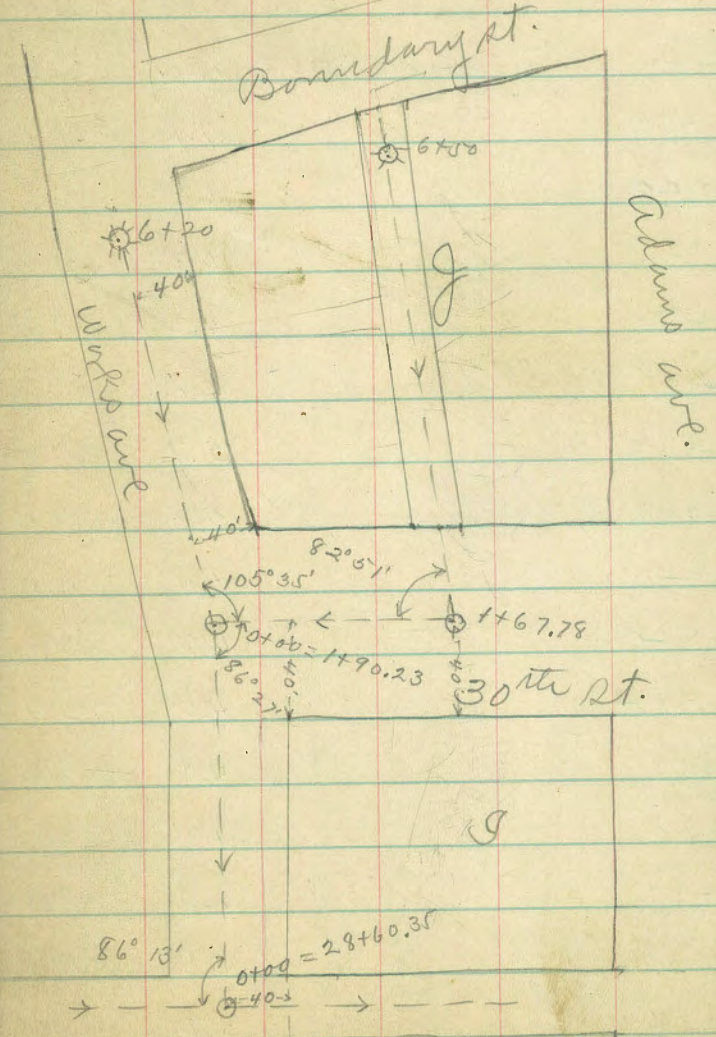
30th street & alley in Blk.
from center works to alley.

Sta.		H.I.	Rod	Elev.
0+00	Center 30th & works. ave	393.94	6.0	387.9
+50			5.5	388.4
1+00			5.3	388.6
+50			5.1	388.8
+67.78	M.H. center 30th & alley in Blk J.		4.9	389.0
2+00			4.8	389.1
+08.1	East line 30th		4.8	389.1
+50			4.7	389.2
3+00			4.5	389.4
+50			4.3	389.6
4+00			4.5	389.4
+50			4.0	389.9
5+00			4.3	389.6
+50			4.4	389.5
6+00			4.2	389.7
+50	F.S.		4.1	389.8

Profile Placed Sheet 30

J. Univ. Hts.

May 17/09 { Childs, Barber, Taylor



Copley St. line from center to alley bet Idaho & Utah

Sta.		H.I.	Rod	Elev.
0+00	Center alley bet. 30th & Kansas	396.88	7.33	389.55
+50			7.1	389.8
1+00			6.8	390.1
+45.3	M.H. angle, near east line Kansas.		6.3	390.6
+50			6.2	390.7
2+00		7.33	6.0	390.9
+50			5.7	391.2
3+00			5.3	391.6
+50			5.1	391.8
4+00			4.9	391.9
+40.18	M.H. center Copley & Vista place		4.5	392.4
+50			4.5	392.4
5+00			4.1	392.8
+50			4.1	392.8
6+00			3.9	392.9
+50			3.7	393.2

0.4 % grade

37 and 37-A

Profile Plotted. Sheet 37

alley bet. 30th & Kansas

May 17/09

Childs
Barber
Taylor

Sta		H.I.	Rod	Elev.
7+00	grade 383.15	396.88	3.4	393.5
+50			3.4	393.5
+76.3	F.T.		3.3	393.6

37-A

Copley St. East of alley bet 30th & Kansas

0+00	center alley bet. 30th & Kansas	396.88	7.33	389.55
+50			7.9	388.9
1+00			8.4	388.5
+50			9.2	387.7
grade 384.90	7.5			

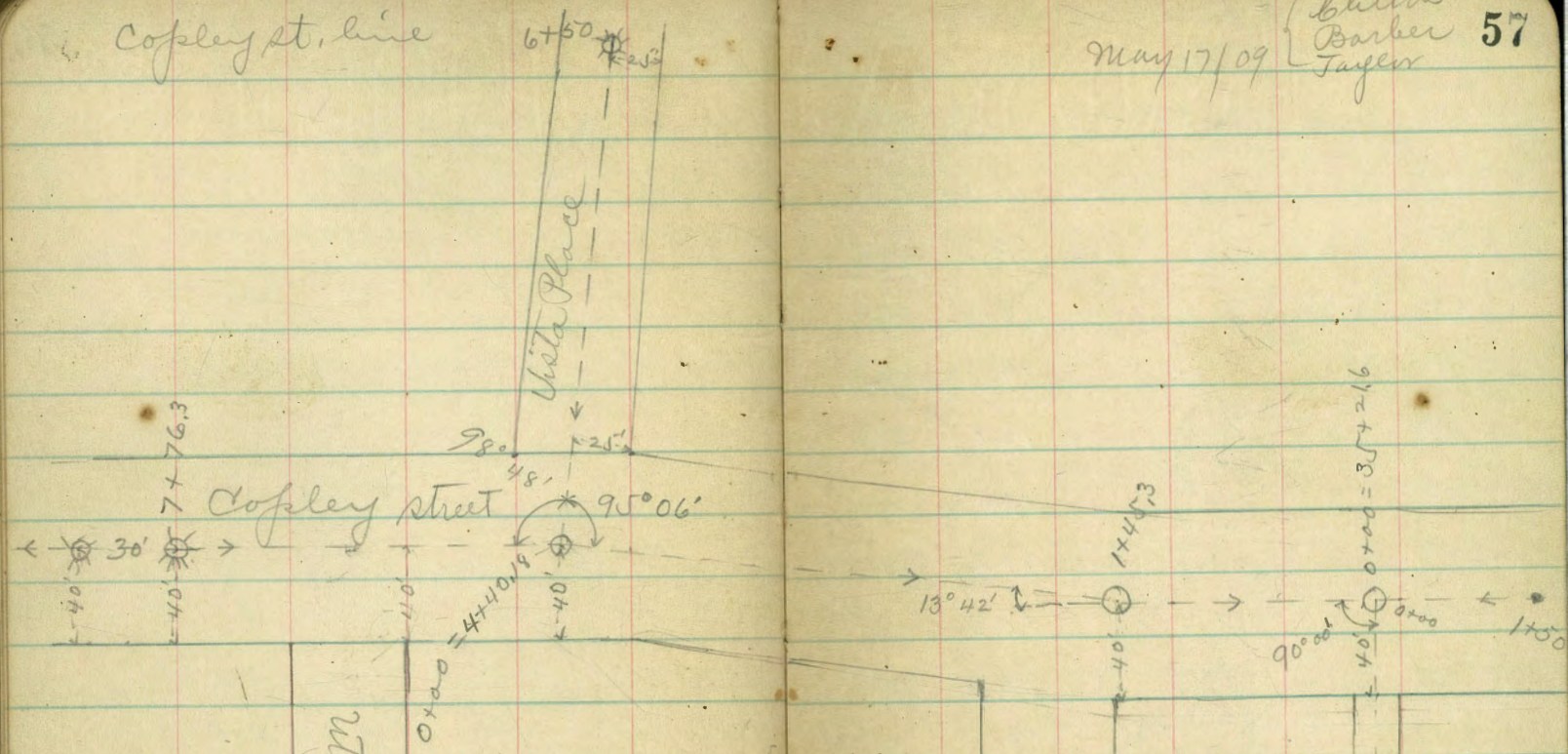
Vista Place
mission Valley St. line from Copley to May 17/09 {Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.	Grade	cut
0+00	Center Copley & Vista Place	396.88	4.5	392.4	384.90	7.5
+50			5.6	391.3		
1+00			5.7	391.2		
+50			6.1	390.8		
2+00			6.4	390.5		
+50			6.6	390.3		
3+00			6.7	390.2		
+50			6.9	390.0		
4+00			7.1	389.8		
+50			7.0	389.9		
5+00			7.4	389.5		
+50			7.6	389.3		
6+00			7.8	389.1		
+50			8.3	388.6	387.5	1.1

35 21 6
286 8 35
661 25
.44
264 500

Profile plotted
Sheet ~~50~~ 39

May 17/09 { Childs
Barber
Tagen



Sewer line on Arizona from Elcajon & Meade to Monroe.

alley bet.

May 18/09 {Childs, Barber, Taylor}

Sta	center alley bet. Elcajon & Meade	H.I.	Rod	Elev.
0+00		352.01	14.6	337.4
+50			12.5	339.5
1+00	339.075 + 12.94 = 352.01		13.6	338.4
+50			13.1	338.9
2+00			12.1	339.9
2+50			11.1	340.9
3+00			11.2	340.8
+50			10.3	341.7
4+00			10.3	341.7
+50			9.0	343.0
5+00			9.1	342.9
+34.3	Marie Meade		9.7	342.3
+50			10.2	341.8
6+00			8.2	343.8
+50			8.2	343.8
7+00			8.5	343.5

White Sheet 30

Sta.		H.I.	Rod	Elev.
7+50		352.01	7.7	344.3
8+00			6.2	345.8
+50			6.5	345.5
9+00			5.8	346.2
+50			4.7	347.3
10+00			2.8	349.2
+50			2.9	349.1
11+00			0.4	351.6
+10	F.S.		-0.2	352.2

line on Florida from alley bet. to Adams, ave.

Sta		H.I.	Rod	Elev.
0+00	center alley bet. Elcajon & Meade	314.65	9.6	305.0
+50			9.8	304.8
1+00			10.5	304.1
+50	301.99 / 12.66 / 314.65		10.7	303.9
2+00			10.8	303.8
+50			10.9	303.7
3+00			9.7	304.9
+50			8.4	306.2
4+00			7.3	307.3
+50			6.2	308.4
+54.85	so. line Meade		6.1	308.5
5+00			5.2	309.4
+50			4.0	310.6
6+00			3.1	311.5
+50			2.3	312.3
7+00			1.5	313.1

Profile Plotted Sheet 30

Elcajon & Meade

May 19/09 { Schields, Barber, Taylor

Sta.		H.I.	Rod	Elev.
7+50		327.25	13.2	314.0
8+00	314.65 / 0.48 / 314.17 T.P. / 13.08 / 327.25		12.4	314.8
+50			10.7	316.5
9+00			9.3	317.9
+50			7.7	319.5
10+00			6.4	320.8
+50			5.3	322.0
11+00			5.1	322.1
+34.5	so. line Monroe		4.7	322.5
+50			4.5	322.7
12+00			4.3	322.9
+50			4.5	322.7
13+00			4.2	323.0
+50			4.2	323.0
14+00			4.0	323.2
+50			3.3	324.0

Cont. — from page 59.

May 19/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
15+00		327.25	2.4	324.8
+50	0.13 / 327.12 J.R. / 13.01 / 340.13 ✓		1.8	325.4
16+00			1.2	326.0
+50			0.4	326.8
17+00		340.13	12.4	327.7
+50			11.1	329.0
18+00			9.7	330.4
+14.9	So. line Madison		9.4	330.7
+50			8.6	331.5
19+00			7.6	332.5
+50			6.2	333.9
20+00			4.9	335.2
+50			3.5	336.6
21+00			1.9	338.2
+50			0.9	339.2
22+00			0.1	340.0

Sta		H.I.	Rod	Elev.
22+50	0.04 / 340.09 J.R. / 3.39 / 345.48 ✓	345.48	5.0	340.5
23+00			5.1	340.4
+35	F.S.		5.5	340.0

Sewer system bet. & University ave. Elcajon ave. May 20/09 {Childs, Barber, Taylor}

Line bet. Elcajon ave. & Howard from alley bet. Park Blvd. & Georgia to Louisiana street.

Sta.		H.I.	Rod	Elev.
0+00	center alley bet. Park Blvd. & Georgia	334.18	0.7	333.5
+50			5.1	329.1
1+00			11.3	322.9
+50	13.03 / 321.16 J.P. / 1.29 / 322.45 ✓	322.43	2.8	319.6
+90	center Georgia street		3.9	318.5
2+00			4.8	317.6
+29	12.56 / 309.89 J.P. / 0.12 / 310.01 ✓		4.6	317.8
+39			9.1	313.3
+50			9.6	312.8
3+00			11.3	311.1
+50			12.9	309.5
+78.5	Center alley bet. Georgia & Florida	309.98	3.95	306.03
4+00		310.0	5.8	304.2
+50			9.0	301.0

Sta.		H.I.	Rod	Elev.
5+00		309.98	10.9	299.1
+50		300.46	5.9	294.6
+69	Center Florida street		6.1	294.4
6+00			6.7	293.8
+50			11.1	289.4
+60			11.3	289.2
+65			14.9	285.6
7+00			10.5	290.0
+50			10.3	290.2
7+59.9	center alley bet. Florida & Alabama		9.78	290.68
8+00			8.6	291.9
+50	0.50 / 300.00 J.P. / 11.49 / 311.49 ✓		6.3	294.2
9+00			3.9	296.6
+49.9	center Alabama street		1.57	298.9
10+00		311.44	10.8	300.6

Profile platted, Sheet 31

Cont. — from page 61

Sta.		H.I.	Rod	Elev.
10+50		311.44	7.9	303.5
11+00			4.4	307.0
+39.7	center alley bet. Mississippi & Alabama.		4.34	307.1
+50			4.4	307.0
12+00	13.25 296.76 S.P. 3.74 300.50	323.95	11.2	312.7
+50			6.0	317.9
13+00	0.28 311.24 S.P. 12.80 324.04 ✓ 0.37 323.64 S.P. 13.00 336.64 ✓		5.3	318.6
+50			1.4	322.5
14+00		336.57	10.6	326.0
+50			7.2	329.4
15+00			5.5	331.1
+18.5	center alley bet Mississippi & Louisiana		5.60	331.0
+50	0.92 335.72 S.P. 2.76 338.48 ✓		4.0	334.6
16+00			1.1	335.5
+45	F.S. about 24' from Louisiana	338.40	2.9	335.5

7.73
330.75
1.07
331.82 ✓
32.17
9.60

Line on Elcajon from center alley bet
to center Georgia & South on Georgia

Sta.		H.I.	Rod	Elev.
0+00	Center alley bet. Park Blvd. & Georgia	334.19	11.3	322.9
+50		322.45	4.0	318.4
1+00			4.1	318.3
+50			3.3	319.1
+64.8	center Elcajon & Georgia St.		3.7	318.7
2+00			4.7	317.7
+50			4.5	317.9
3+00			4.4	318.0
+50			3.9	318.5
+90.7	center alley bet. Elcajon & Howard.		3.9	318.5
4+00			4.0	318.4
+50			3.8	318.6
5+00			3.7	318.7
+50			3.5	318.9
+65	F.S.		3.4	319.0

Profile Elevated Sheet 30

Park Blvd. & Georgia to Howard May 21/09 {Childs Barber Taylor

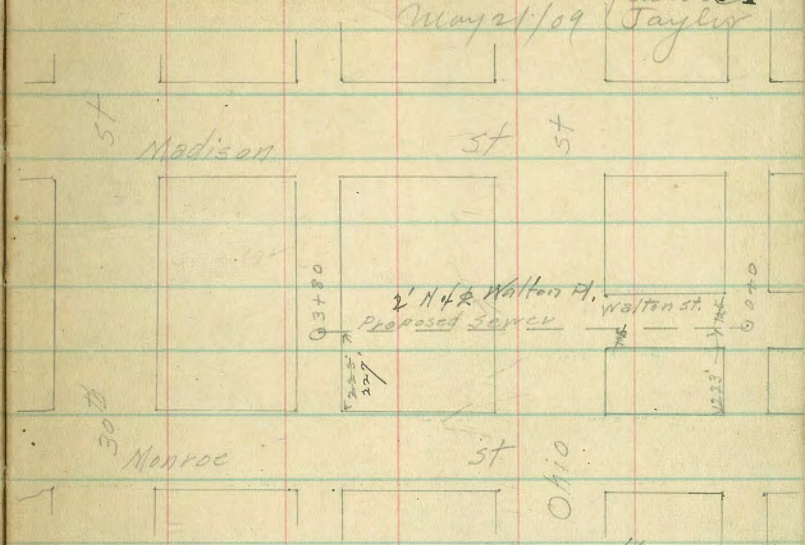
Alley line bet. Park Blvd. & Georgia from Elcajon to Howard

Childs
Barber
Taylor

May 21/09

Sta.		H.I.	Rod	Elev.
0+00	115' north of center of alley bet. Elcajon & Howard.	334.19	0.8	333.4
+50			0.6	333.6
1+00			0.3	333.9
+15	center alley bet. Elcajon & Howard		0.7	333.5
+50			0.8	333.4
2+00			1.5	332.7
+50			1.9	332.3
+60	F.J.		2.1	332.1

Profile placed Sheet 31



Levels for above sewer

6/29/16 Dunkle Shaw Bunker

B.M. Mon. S.W. Monroe & Ohio 384.08

7.43 391.51

0+0 = ℄ Alley bet Ohio & Illinois	4.9	386.6
+20	4.5	387.0
+50	4.4	387.1
1	4.6	386.9
+50	4.9	386.6
+71	5.3	386.2
+90	4.5	387.0
2	5.0	386.5
+10	6.0	385.5
+10	5.1	386.4
+32	4.9	386.6
+35	5.5	386.0
+50	6.0	385.5
3	6.4	385.1
+50	6.5	385.0
+63	7.4	384.1
+80 = ℄ Alley bet Ohio & 30th	6.5	385.0

Florida street line from University ave. to alley bet. Howard & Elcajon ave. May 21/09 {Childs Barber Taylor

Sta.		H.I.	Rod	Elev.
0+00	Center University & Florida.	291.16	5.1	286.1
+50			5.9	285.3
1+00		284.44	1.5	282.9
+50			5.3	279.1
2+00			10.4	274.0
+50		273.20	5.6	267.6
3+00			10.0	263.2
+35			14.1	259.1
+45	Creek bottom	264.16	11.3	252.9
+50	× M.H. private right of way starts off. 62°17'		11.2	253.0
4+00			11.2	253.0
+50			8.4	255.8
5+00			6.3	257.9
+50			4.2	260.0
6+00			5.2	259.0
+50			3.9	260.3

Profile plotted sheet 31

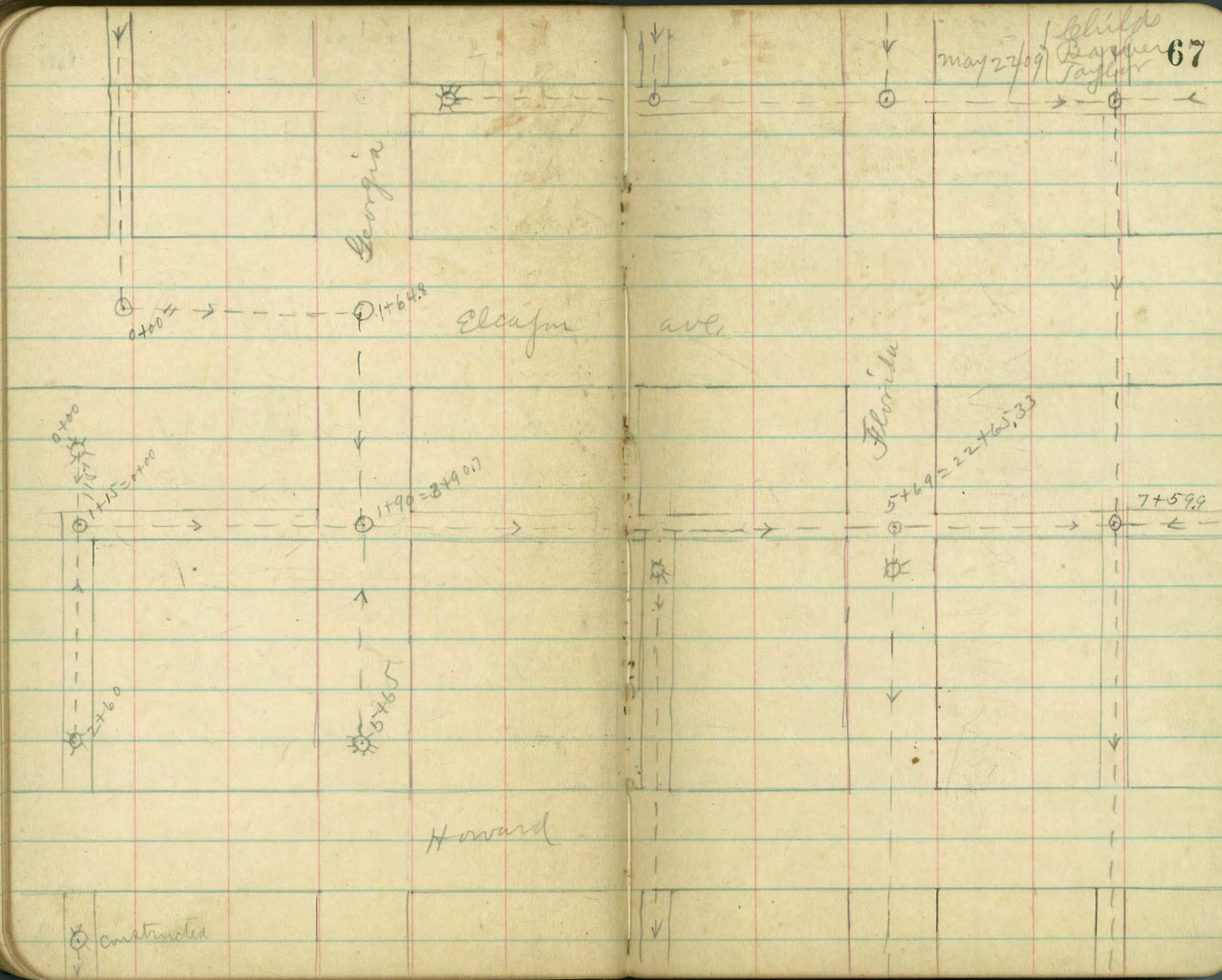
Sta		H.I.	Rod	Elev.
6+79.25	Center Florida & Lincoln	264.16	3.32	260.84
+88	creek bottom		6.7	257.5
7+00			4.1	260.1
+50		0.37 T.P. 263.79 T.P.	2.2	262.0
8+00		12.31 276.10	0.4	263.8
+50		276.10	11.9	264.2
+87			13.2	262.9
+93	creek bottom		14.0	262.1
9+00			13.0	263.1
+50			10.3	265.8
10+00			7.8	268.3
+50			6.2	269.9
11+00			4.7	271.4
+50			3.8	272.3
12+00			2.6	273.5
+50			2.5	273.6

Cont. – from page 65

Sta.		H.I.	Rod	Elev.
13+00		276.10	1.9	274.2
+19.05	So. line Polk		1.6	274.5
+50			1.0	275.1
14+00	0.12 276.98 J.P. 12.74 288.72 ✓		0.0	276.1
+50	0.22 288.50 J.P. 7.88 296.38 ✓	288.72	11.2	277.5
15+00			10.1	278.6
+50			9.1	279.6
16+00			7.3	281.4
+50			4.9	283.8
17+00			2.5	286.2
+50			0.2	288.5
18+00		296.38	5.3	291.1
+50			2.5	293.9
19+00			1.5	294.9
+50			2.8	293.6
20+00			4.0	292.4

May 22/09 { Shields, Barber, Taylor

Sta.		H.I.	Rod	Elev.
20+50		296.38	4.7	291.7
+79.0	no. line Howard.		4.4	292.0
21+00			4.2	292.2
+50			3.4	293.0
22+00			2.9	293.5
+50			2.1	294.3
+65.33	Center alley bet. Elcajon + Howard.		2.0	294.4


may 22/09
Childs
Barber
Taylor
Georgia
0+00
1+64.8
Elcajon
ave.
Florida
0+00
1+15=0+00
1+90=3+90.7
5+69=22+65.33
7+59.9
2+60
5+65
Howard
constructed

alley line bet. Georgia & about 40' No. University ave. to alley

Sta.		H.I.	Rod	Elev.
0+00	about 40' No. Univ. ave.	319.70	5.0	314.7
+50	285.88 J.P.	174	5.0	314.7
1+00	13.01 298.89 3.75 295.14 J.P. 12.57 307.71		4.4	315.3
+50			7.4	312.3
2+00		310.18	2.9	307.3
+50	1.74 297.15 J.P. 13.03 310.18		4.3	305.9
3+00	1.85 308.33 J.P. 11.37 319.70		6.6	303.6
+50			10.3	299.9
4+00			13.9	296.3
+50		298.89	6.6	292.3
5+00			11.4	287.5
+50			13.1	285.8
6+00	N.H. Center Lincoln street	286.02	2.5	283.5
+50		298.89	13.6	285.3
7+00			13.2	285.7
+50			13.5	284.4

Sheet 32 Profile platted

Florida from bet. Elcajon & Howard

May 24/09 { Childs, Barber, Taylor

Sta.	H.I.	Rod	Elev.
8+00	298.89	12.4	286.5
+50		11.8	287.1
9+00		10.4	287.5
+50		6.8	292.1
10+00		4.7	294.2
+50	307.71	9.0	296.7
11+00		6.2	301.5
+50		4.0	303.7
12+00		3.0	304.7
+50		2.5	305.2
13+00		2.1	305.6
+50		1.1	306.6
14+00		0.7	307.0
+50		1.4	306.3
15+00		3.2	304.5
+50		5.6	302.1

Cont. — from page 68

Sta		H.I.	Rod	Elev.
16+00		307.71	7.0	300.7
+50			8.0	299.7
17+00			9.5	298.2
+50			9.6	298.1
18+00			7.7	300.0
+50			5.5	302.2
19+00			4.3	303.4
+50			4.5	303.2
20+00			4.0	303.7
+50			1.6	306.1
21+00			0.4	307.3
+50			1.7	306.0
+85.8	Center alley bet. Elcajon + Howard		1.7	306.0

Profile plotted

May 27/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
	line on Lincoln from center Florida to center alley bet. Georgia + Florida.			
0+00	Center Florida	273.22	12.38	260.84
+50			7.2	266.0
1+00			0.4	272.8
+50		286.02	8.6	277.4
1+88.35	Center alley bet. Georgia + Florida		2.5	283.5

260.84
12.38
273.22 ✓
0.01
273.21 T.P.
12.81
286.02 ✓
0.14
285.88 T.P.

Profile plotted
Sheet 32

Alley line bet. Florida & Center University ave. to S. alley

sta.		H.I.	Rod	Elev.
0+00	Center University ave. under bridge.	257.38	12.1	245.3
+50	265.57 / 8.57 / 274.14		12.5	244.9
1+00	12.95 / 261.19 / 4.28 / 265.97		10.2	247.2
+50	12.84 / 253.13		8.6	248.8
2+00	Creek bottom 4.25 / 219.38		10.3	247.1
+11			7.9	249.5
+50	M.H. where Florida St. line curves in. 62°18'		6.8	250.6
3+00		265.97	10.7	255.3
+50		274.14	8.3	265.8
4+00			7.5	266.6
+37			9.9	264.2
+50			13.8	260.3
+76	Creek bottom	265.97	9.0	257.0
+88		274.14	12.3	261.8
5+00			11.1	263.0
+50			5.8	268.3

Profile Platted Sheet 32

Alabama from Pineade bet. Elcajon & ~~Kimball~~ — May 24/09 — Schilds, Barber, Taylor

sta.		H.I.	Rod	Elev.
6+00		274.14	1.2	272.9
+50	0.27 / 273.87 / 9.92 / 283.79	283.79	9.0	274.8
7+00			7.2	276.6
+19.6	no. line Lincoln		7.0	276.8
+50			6.3	277.5
8+00			5.0	278.8
+50			4.8	279.0
9+00			4.2	279.6
+50			4.6	279.2
10+00			3.7	280.1
+50			3.9	279.9
11+00			3.9	279.9
+50			3.8	280.0
12+00			5.2	278.6
+50			5.4	278.4
13+00			4.7	279.1

Profile platted

May 29/09 { Childs, Barber, Tayler.

Cont. - from page 70

	Sta.		H.I.	Rod	Elev.
0	13+50		283.79	5.0	278.8
	+59.7	Center Polk street.		5.55	278.24
1+	14+00	5.55 278.24 TP 10.43 288.67	288.67	9.6	279.1
	+50			10.0	278.7
2	15+00			10.2	278.5
	+50			10.0	278.7
	16+00			11.7	277.0
3+	+45	creek bottom		14.8	273.9
+	+50			14.3	274.4
4+	17+00			10.3	278.4
+	+50			9.4	279.3
+	+72			9.8	278.9
+	+81	creek bottom		11.7	277.0
+	18+00			8.8	279.9
5+	+50			5.9	282.8
+	19+00			4.1	284.6

Sta.		H.I.	Rod	Elev.
19+50		288.67	3.6	285.1
20+00	0.06 288.61 TP 13.03 301.64		3.0	285.7
+50		301.64	14.1	287.5
21+00			13.0	288.6
+50			11.7	289.9
22+00			12.3	289.3
+50			11.2	290.4
+66.6	Center alley bet. El Capan & Howard		10.9	290.7
23+00			8.8	292.8
+50			6.9	294.7
24+00			6.3	295.3
+50			5.2	296.4
+98			3.5	298.1
25+00			2.6	299.0
+02			1.1	300.5
+25			0.8	300.8

Profile blotted

Cont. - from Page 71

Sta		H.I.	Rod	Elev.
25+30		301.64	3.4	298.2
+50			1.8	299.8
26+00			1.6	300.0
+50		304.09	3.6	300.5
27+00			0.7	303.4
+11.95	center alley bet. Elcafin + Meade		1.9	302.2

1.88
299.76 J.P.
4.33
304.09 ✓

May 29/09 {Childs Barber Taylor

Sta		H.I.	Rod	Elev.
	From station 3+50 on center Florida to 2+50 on alley line bet. Florida + Alabama.			
0+00	sta. 3+50 on Center of Florida	257.38	4.6	252.8
+50			5.3	252.1
1+00			4.8	252.6
+50			5.3	252.1
2+00	sta 2+50 on center of alley bet Florida and Alabama		6.5	250.9
+15			6.8	250.6

Profile Placed
Sheet 32

Line on Polk from center alley bet. Florida & Alabama June 1/09 Childs Barber Taylor

to: Center alabama & on alabama from Center polk. to alley bet. Elcajon & Howard

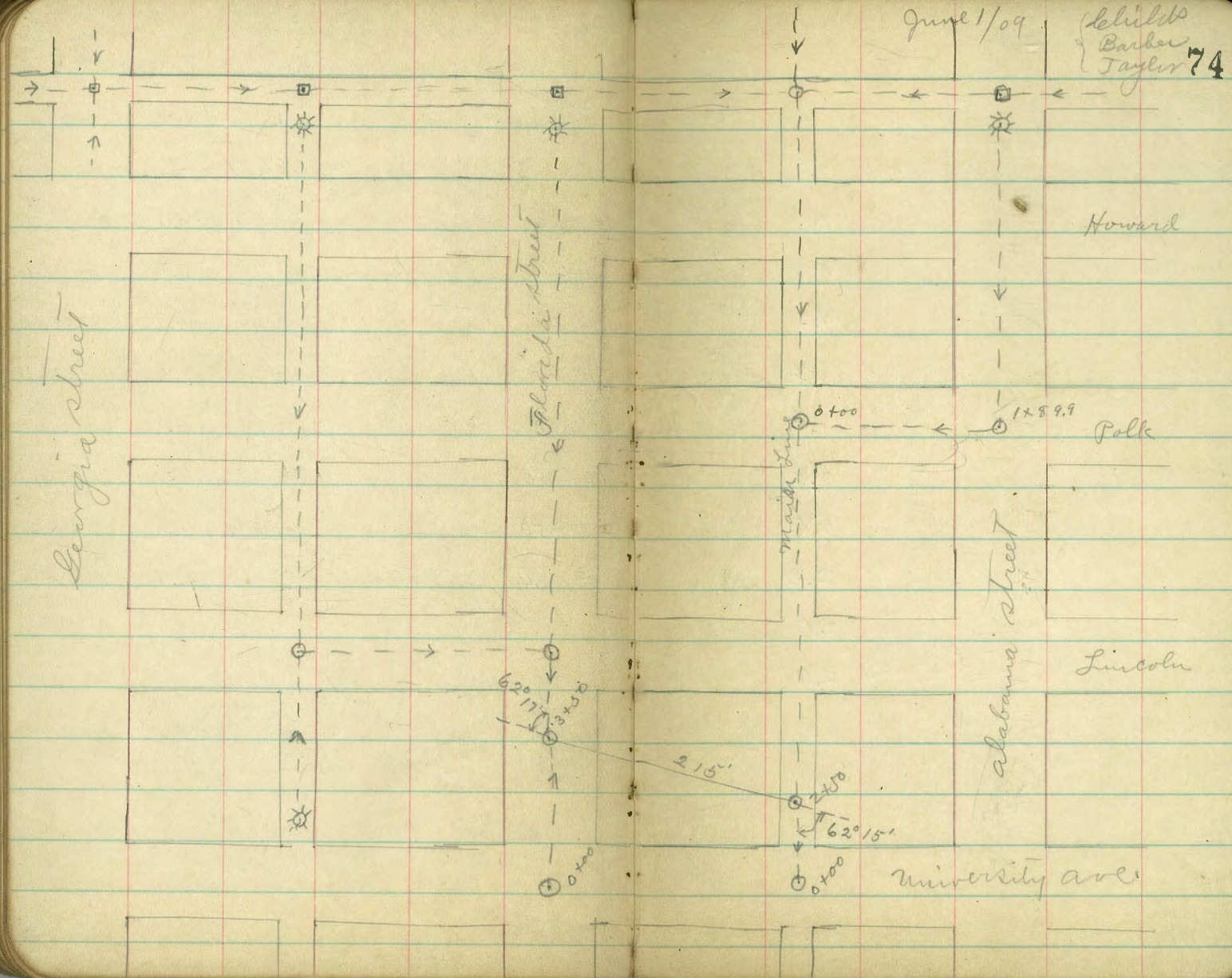
Sta.		H.I.	Rod	Elev.
0+00	Center alley bet. Florida & alabama.	290.54	12.30	278.24
+50			8.8	281.7
1+00	0.37 / 290.17 T.P.		4.5	286.0
+50	6.40 / 296.57 ✓		2.0	288.5
+89.9	Center alabama street	296.57	4.8	291.8
2+00			5.1	291.5
+50	278.24 / 12.30		5.2	291.4
3+00			6.3	290.3
+50			7.0	289.6
4+00			7.5	289.1
+50			7.6	289.0
5+00			7.8	288.8
+50			7.2	289.4
6+00			7.0	289.6
+50			7.2	289.4
7+00			6.4	290.2

Profile Plotted Sheet 3 3

Sta		H.I.	Rod	Elev.
7+50		296.57	6.6	289.9
8+00			6.5	290.0
+29.2	so. line Howard		5.6	291.0
+50	0.74 / 295.83 T.P.		4.7	291.9
9+00	5.12 / 300.95		3.4	293.1
+50			2.5	294.1
10+00			0.4	296.2
+50		300.95	4.1	296.8
+96.4	Center alley bet. Elcajon & Howard		2.10	298.8

June 1/09

Schields
Barber
Taylor



Alley line bet. Alabama & from University ave. to alley bet.

Sta.		H.I.	Rod	Elev.
0+00	Center University ave.	284.34	15.5	268.8
+40			14.0	270.3
+41	283.15 BM. 1.19 284.34		15.3	269.0
+50	0.06 284.28 T.P.		14.2	270.1
1+00	1.96 286.24		10.6	273.7
+50	1.20 285.04 T.P. 12.89 297.93		7.6	276.7
2+00	0.91 297.02 T.P. 10.45 307.47		5.9	278.4
+50			5.0	279.3
3+00			2.2	282.1
+50			1.0	283.3
4+00		286.24	2.6	283.6
+50			6.8	279.4
5+00	make this about grade		11.2	275.0
+18			15.0	271.2
+31	Creek bottom		18.3	267.9
+41			16.0	270.2

Profile platted Sheet 33

Mississippi. June 3/09 {Childs, Barber, Taylor

Elcajon & Howard

Sta.		H.I.	Rod	Elev.
5+50		286.24	15.6	270.6
6+00			5.2	281.0
+50	not less than 7' deep.	297.93	10.0	287.9
+75			7.3	290.6
+94			0.6	297.3
7+00			1.1	296.8
+03			1.2	296.7
+11			4.9	293.0
+20.2	no. line Lincoln		4.9	293.0
+50	not less than 7' deep.		3.7	294.2
8+00			1.7	296.2
+50		307.47	10.1	297.4
9+00			8.8	298.7
+50			7.9	299.6
10+00			6.9	300.6
+50			6.8	300.7

Cont. – from page 75

Sta.		H.I.	Rod	Elev.
11+00		307.47	7.3	299.2
+50			6.6	300.9
12+00	not less than 6.5' dep.		5.6	301.9
+50			5.6	301.9
13+00			5.8	301.7
+20.5	so. line Polk.		4.7	302.8
+50			5.4	302.1
14+00			4.4	303.1
+50			5.3	302.2
15+00			5.3	302.2
+50	296 / 30 4.37 J.S. / 7.25 / 311.76		4.7	302.8
16+00			4.4	303.1
+50			4.5	303.0
17+00			3.1	304.4
+50		311.76	7.6	304.2
18+00			7.0	304.8

June 3/09 { Childs, Barber, Taylor

Sta.		H.I.	Rod	Elev.
18+50		311.76	7.5	304.3
19+00			6.9	305.9
+50			7.2	304.6
20+00			7.1	304.7
+50			6.0	305.8
+79.5	no. line Howard.		5.7	306.1
21+00			5.2	306.6
+50			3.7	308.1
22+00			3.9	307.9
+50			5.0	306.8
+66.76	Center alley bet. Elcafan & Howard		4.66	307.1

Alleyline bet. Louisiana + Mississippi
from University ave. to Center alley bet. Elcajon + Howard June 11/09 {Childs Barber Taylor 77

Sta.		H.I.	Rod.	Elev.
0+00	Center Univ. ave. + alley bet. Louisiana + Mississippi	297.91	9.3	288.6
+40	~~283.15~~		7.7	290.2
+41	297.135 / 0.78 / 297.91		6.7	291.2
+50	4.47 / 293.44 J.P. / 3.63 / 297.07		6.4	291.5
1+00	0.74 / 296.33 J.P. / 13.00 / 309.33		6.0	291.9
+50			5.6	292.3
2+00			5.2	292.7
+50			5.2	292.7
3+00			4.6	293.3
+50			4.3	293.6
4+00		297.07	2.5	294.6
+50			2.5	294.6
5+00			1.8	295.3
+50			0.8	296.3
6+00			1.1	296.0
+39.6	So. line Lincoln		2.1	295.0

Profile platted sheet 33

Sta.		H.I.	Rod	Elev.
6+50		297.07	3.1	294.0
7+00			4.3	292.8
+20			6.7	290.4
+50			18.3	278.8
+70			13.2	283.9
8+00	not less than 4' deep		7.6	289.5
+50			3.3	293.8
9+00			1.0	296.1
+50		309.33	11.4	297.9
10+00			9.8	299.5
+50			8.3	301.0
11+00			6.4	302.9
+50			5.8	303.5
12+00			4.9	304.4
+50			3.4	305.9
13+00			1.2	308.1

Cont. — from Page 77.

Sta.		H.I.	Rod	Elev.
13+19.3	about 9' deep, so. line Polk	321.68	12.9	308.8
+50	0.64		12.0	309.7
14+00	308.69 S.B. 12.99 321.68 ✓		9.1	312.6
+50	1.49 320.19 S.B. 11.43 331.62 ✓		7.0	314.7
15+00			6.0	315.7
+50			5.6	316.1
16+00			2.8	318.9
+50			3.1	318.6
17+00			3.6	318.1
+50			3.4	318.3
18+00			2.0	319.7
+50			1.5	320.2
19+00		331.62	10.5	321.1
+50			8.1	323.5
20+00			9.6	322.0
+50			6.7	324.9

June 1/09 — Shields, Barber, Taylor — 78

Sta.		H.I.	Rod	Elev.
20+77.9	not less than 7' deep no. line Howard	331.62	6.9	324.7
21+00			5.9	325.7
+50			4.7	326.9
22+00			3.0	328.6
+50			1.1	330.5
+65.4	center alley bet. Elcafun & Howard		0.6	331.0

13.6
309.1
15.7
326

565.0
390.7
1943

#400

565.0
164.8
900.2

338.92
12.36
351.28
0.27
351.01
10.58
361.59

330

200

620
4
248

260
07
1820
3.03
36.40
3
39.43

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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ 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		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		