vel notes - La Jolla Park.

lian Ave. - 21st to Marcey.

D St Paving

Levels for Culvert on Kurtz

bet Couts & Witherby.

227

400

LEVEL

F.B. 227

227

Table showing the diff[illegible] 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

Return to City Engineers Office
City Hall, San Diego, Cal.

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.

MICROFILMED
DEC 8 1964

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
o		o		o		o	
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

227

#3

Return to City Engineers Office
City Hall, San Diego, Cal.

INDEX.

	Pages
✓ Alley between State & College Strs.	2-5
✓ " between Grand & Lincoln Aves	6-6

Levels on alley between State & College Sts. Beginning on the "West" line of state street & running to the South line of Gowrie Ave.

G J Rennie Rod
G Lambert Chain

June 17 04

	Rod	±	H.I.	Elev.
B.S. from S-E Cor. Blk 23		+10.17	118.34	108.17
0	12.7			105.6
+50	11.6			106.7
1	10.1			108.2
+50	8.4			109.9
2	6.8			111.5
+50	5.4			112.9
3	3.4			114.9
Peg		−0.71 +13.00	130.63	117.63
+50	12.4			118.2
+68				
4	8.2			122.4
+50	6.0			124.6
5	3.6			127.0
+50	0.6			130.0

Alley between State & College Str's.

2

"West" line College St.

So. line High St.

G J Rennie Rod
G Lambert Chain

June 17 04

	Rod		I	H.I.	Elev.
Peg			-0.43	130.63	
			+12.99	143.19	130.20
6	8.2				135.0
+50	3.7				139.5
Peg			-0.24		
			+12.91	155.86	142.95
7	10.8				145.1
+50	6.7				148.2
8	5.3				150.6
+50	3.9				152.0
9	2.4				153.5
Peg			-0.45		
			+12.98	168.39	155.41
+50	13.0				155.4
10	11.8				156.6
+50	10.3				158.1
11	8.4				160.0
+50	5.3				163.1
12	5.1				163.3
+50	2.5				165.9
Peg			-1.17		
			+12.88	180.10	167.22

Alley between State & College Str's.

3

3

9+48 So. line Magnolia Row

G.J. Rennie Rod & Lambert Chain

June 17 '04

Alley between State & College Str's.

	Rod	±	H.I.	Elev.	
13	13.2		180.10	166.9	
+50	10.7			169.4	
+75	11.7			168.4	
14	9.7			170.4	
+50	10.3			169,8	
15	9.4			170.7	
+27.8					So. Side Exchange Place
+50	7.5			172.6	
16	6.1			174.0	
+50	4.6			175.5	
17	3.1			177.0	
+50	2.1			178.0	
18	3.8			176.3	
+50	3.4			176.7	
Rey		-3.29 +1.47	178.28	176.81	
19	2.5			175.8	
+50	2.3			176.0	
20	5.0			173.3	
+50	3.1			175.2	

G J Rennie Rod June 17 04
G Lambert Chain

Alley between State & College Str's.

	Rod		±	H.I.	Elev.
21	5.7			178.28	172.6
+50	9.1				169.2
+87.8					
22	10.3				168.0
+50	12.7				165.6
Peg			−12.67 + 1.13	166.74	165.61
23	4.3				162.4
+50	8.5				158.2
Peg			−12.68 + 0.47	154.53	154.06
24	2.2				152.3
+50	7.3				147.2
Peg			−12.90 + 0.31	141.94	141.63
25	4.9				137.0
Peg			−11.47 + 2.19	132.66	130.47
+50	5.0				127.7
26	9.5				123.2
+50	7.1				125.6
+87.2	9.1				123.6 (127.99 CK)
Peg			−4.61		128.01

N. Side Prospect St.

So. line Gowrie Ave Produced.

Levels on Alley between Grand and Lincoln Avenues. Beginning on the west line of State St. running to Wall St.

G J Rennie Rod June 17 04

G Lambert Chain

	Rod		±	H.I.	Elev.
B.S.	S.E. Cor. Bek	23	+7.21	115 38	108.17
0	14.4				101.0
+50	11.4				104.0
1	10.4				105.0
+50	9.2				106.2
2	8.6				106.8
+50	7.9				107.5
3	7.3				108.1
+50	6.4				109.0
+97.8					
4	5.9				109.5
+50	5.5				109.9
5	5.3				110.1
+50	5.2				110.2
Peg			−5.23 +4.93	115.08	110.15

Alley between Grand & Lincoln Ave's.

6

6

West line State St.

So. line Center St.

G J Rennie Rod
G Lambert Chain June 17 04

Alley between Grand & Lincoln Ave's

	Rod		±	H.I.	Elev
6	4.9			115.08 ✓	110.2
+50	4.9				110.2
7	4.8				110.3
+50	4.7				110.4
8	4.7				110.4
+50	4.6				110.5
9	4.9				110.2
+50	5.3				109.8
+77.5					
10	5.6				109.5
+50	5.1				110.0
Peg			-5.10		
			+4.21	114.19 ✓	109.98 ✓
B.M.			-5.72		(108.51 ck) 108.47
11	4.6				109.6
+50	4.2				110.0
12	4.1				110.1
+50	4.7				109.5
13	5.3				108.9

G J Rennie Rod
G Lambert Chain

June 17 04

	Rod	±		
13+50	6.0		114.19 ✓	108.2
14	7.2			107.0
+50	7.7			106.5
15	8.4			105.8
+50	9.0			105.2
+56.9	9.0			1052

Alley between Grand & Lincoln Ave's.

So. line Wall St.

Grand Ave and Prospect St. Intersection

Sta	+	I.H.	−	B.M. = Hub N.E. Cor B.M.
0	4.10	98.04		93.94
+50				
1+00				
+45 = ORP N.W. Cor Blk 54				
+50				
2+00				
+38 = Pt of Intersection of W line Prospect W line Grand				
+50				
3+00				
T.P.	0.26	86.34	11.96	86.08
3+50				
T.P.	0.77	75.03	12.08	74.26
4+00				
+50				
5				
T.P.	1.28	64.86	11.45	63.58
5+41 = POC in Terrace				

W	E.
4.84	93.20
5.40	92.64
5.02	93.02
4.98	93.06
4.35	93.69
5.40	92.64
6.20	91.84
12.50	85.54
8.6	77.74
2.5	72.53
6.4	68.63
11.1	63.93
5.35	59.51

10

Sta	+	I.H. (64.86)	−	
5+50				
6				
+03 = N.E. line Terrace				
T.P.	1.87	54.76	12.49	52.37
6+50				
+60 = E. Cor Blk 67				
7				
+40 = Cor. of Park & W. Line Boulevard.				

W	
9.1	58.76
11.2	53.66
11.35	53.51
4.7	49.64
6.21	49.03
9.0	45.24
12.2	42.04

Grand Avenue

Sta	+	I.H	−	B.M. −
	4.0	98.04		93.96
0.0 = N.W Cor Blk 54				
+50				
1+00				
+50				
2+00				
+50				
3				
+19 = S.W. Cor Blk 59				
+50				
T.P.	0.26	86.34	11.96	86.08
4				
+50				
T.P	0.77	75.08	12.08	74.26
5				
T.P	1.28	64.84	11.46	63.58
5+44 = Center Line Blk 59				

E	
2.4	95.64
2.2	95.84
2.3	95.74
2.2	95.84
3.8	94.24
5.3	92.74
6.7	91.34
7.19	90.85
8.7	89.34
4.0	82.34
8.5	77.84
6.8	68.23
5.4	59.46

Sta	+	H.I. (64.86)	−	E
5+50				
6				6.1 58.76
T.P.	1.87	54.24	12.49	52.37 12.4 52.46
6+50				
7				7.6 46.64
				11.5 42.74
+33				14.2 40.04

Cross Section of Julian ave from N. St. to Main ave.

Feb. 8. 1905

POSTED

Childs
Lewis
Brookes

		H.I.	Elev.
B.M. 21st + N.St.			45.20
	0.89	46.09	
10.78			35.31
	2.79	38.10	
W.E of Julian		= 321.9	W. 22nd
So line		11.9	26.2
300' W 22nd			
So. line		11.5	26.6
Cb. = div line		11.3	26.8
275 W 22nd			
So. line		10.6	27.5
Cb.		10.6	27.5
1/4		10.3	27.8
+36 N = N. line		10.4	27.7
250 W. 22nd			
So line		10.3	27.8
Cb.		10.1	28.0

		Rod read	Elev.
1/4		9.9	28.2
C		9.5	28.6
1 1/4	= N line	9.3	28.8
225' W 22nd			
So line		10.3	27.8
Cb.		9.6	28.5
1/4		9.1	29.0
C		8.0	30.1
1/4		7.2	30.9
Cb.		6.6	31.5
N line		5.8	32.3
200' W 22nd			
N. line		5.2	32.9
Cb.		6.2	31.9
1/4		7.3	30.8
C		7.7	30.4
1/4		8.6	29.5

	rod read	Elev.
Cb.	9.8	28.3
8' N So line	10.0	28.1
So line	11.7	26.4
17 S W 22nd		
So line	10.9	27.2
Cb	11.6	26.5
1/4	9.8	28.3
C	8.5	29.6
1/4	7.3	30.8
Cb.	6.6	31.5
N line	6.0	32.1
1 50 W. 22nd		
N. line	8.0	30.1
Cb.	9.7	28.4
1/4	11.6	26.5
C	11.5	26.6
1/4	10.7	27.4
Cb	9.8	28.3
So line	8.8	29.3

	rod read	Elev.
1 25 W. 22nd.		
So line	6.5	31.6
Cb.	8.5	29.6
1/4	8.6	29.5
C	9.3	28.8
1/4	9.4	28.7
Cb	9.4	28.7
N line	9.9	28.2
1 29' W 22nd		
N line	11.6	26.5
Cb. in ditch	11.7	26.4
Cb on Top.	9.7	28.4
1 00' W 22nd		
N line	8.5	29.6
Cb	8.7	29.4
1/4	8.5	29.6
C	7.3	30.8
1/4	6.2	31.9
Cb	5.5	32.6
So. line	3.3	34.8

H.I. 44.54

	75' W 22nd,	rod read	Elev. 42.7
So. line		1.8	~~36.3~~
Cb.		5.7	38.8 ~~32.4~~
1/4		10.4	34.1 ~~27.7~~
C		11.6	32.9 ~~26.5~~
1/4		12.6	31.9 ~~25.5~~
Cb.		13.1	31 ~~25.0~~
N. line		13.8	30.7 ~~24.3~~
	50 W 22nd		
N. line	5'.21	12.6	~~38.6~~
Cb.		11.8	39.4
1/4		10.5	40.7
C		8.8	42.4
1/4		6.1	45.1
Cb		1.5	4 49.7
So. line		5.3	45.9
	25' W @ 22nd		
So. line		3.4	47.8
Cb.		3.8	47.4

	rod read	elev.
1/4	5.4	45.8
C	2.2	48.9
1/4	4.9	48.3
Cb	7.3	40.9
N. line	10.4	40.8

44.54
W line 22nd St.

N line	5.8	38.3
Cb.	2.7	41.8
1/4	0.1	44.4

H.I. 5'.21

C	5.1	46.1
1/4	3.7	47.5
Cb	2.8	48.4
So line	2.6	48.6

H.I. 51.21

W. cb. 22nd

	rodread	Elev.
N line	10.9	40.3
cb	8.9	42.3
1/4	6.4	44.8
C	5.3	45.9
1/4	4.1	47.1
cb.	3.6	47.6
So line	3.4	47.8

Break 8' E cb. line

So. line	2.5	48.7
cb.	2.7	48.5
1/4	3.0	48.2
C	4.3	46.9
1/4	6.7	44.5
cb.	7.7	43.5
N line	8.7	42.5

W. 1/4. 22nd

N. line	7.8	43.4
cb	7.3	43.9
1/4	6.7	44.5
C	6.8	44.4
1/4	6.7	44.5
cb	6.7	44.5
So. line	6.8	44.4

Center 22nd

So. line	7.0	44.2
cb	7.0	44.2
1/4	7.0	44.2
C	7.0	44.2
1/4	6.9	44.3
cb.	6.8	44.4
N. line	6.7	44.5

E. 1/4 22nd

N. line	7.8	43.4
cb.	6.9	44.3
1/4	6.9	44.3

	rod read	Elev.
C	7.0	44.2
¼	6.8	44.4
cb.	6.5⁻	44.7
So. line	7.0	44.2
5⁻¹ W. E. cb. 22nd		
So. line	2.2	49.0
cb.	2.7	48.5⁻
¼	3.7	47.5⁻
C	4.9	46.3
¼	6.5⁻	44.7
cb.	7.4	43.8
N. line	8.5⁻	42.7
E. cb. 22nd		
N. line	8.9	42.3
cb.	7.8	43.4
¼	6.4	44.8
C	5⁻.4	45⁻.8
¼	4.2	47.0
cb.	3.3	47.9
So. line	2.6	48.6
E. line, 22nd		
So. line	3.0	48.2
cb.	3.7	47.5⁻
¼	4.5⁻	46.7
C	5⁻.7	45⁻.5⁻
¼	6.8	44.4
cb.	8.0	43.2
N. line	8.5⁻	42.7
25⁻¹ E. 22nd		
N. line	8.0	43.2
cb.	7.8	43.4
¼	6.5⁻	44.7
C	6.1	45⁻.1
¼	4.7	46.5⁻
cb.	3.9	47.3

	rod read	Elev.
So. line	3.6	47.6
50 E. 22nd		
So. line	3.8	47.4
cb.	5.0	46.2
¼	5.5	45.7
C	6.2	45.0
¼	6.5	44.7
cb.	7.2	44.0
N. line	7.7	43.5
75' E. 22nd		
N. line	3.6	45.6
cb	3.8	45.4
¼	3.4	45.8
C	4.6	46.6
¼	4.0	47.2
cb.	4.0	47.2
So line	2.8	48.4

	rod read.	Elev.
100' E. 22nd		
So line	2.7	48.5
cb	2.8	48.4
¼	2.8	48.4
C	3.5	47.7
¼	4.1	47.1
cb	4.3	46.9
N. line	4.0	47.2
125' E. 22nd		
N. line	2.1	49.1
cb	2.2	49.0
¼	2.3	48.9
C	2.2	49.0
¼	2.1	49.1
cb	2.3	48.9
So. line	2.4	48.8

	150 E. 22nd	rod read	Elev.
So. line		2.4	48.8
cb		2.2	49.0
¼		1.7	49.5
C		1.5	49.7
¼		1.4	49.8
cb		1.0	50.2
N. line		0.6	50.6
	175 E. 22nd		
N. line		0.4	50.8
cb.		1.3	49.9
¼		1.6	49.6
C		1.9	49.3
¼		1.9	49.3
cb		2.0	49.2
So. line		1.6	49.6

	200' E. 22nd	rod read	Elev.
So. line		1.5	49.7
cb		1.7	49.5
¼		2.0	49.2
C		2.2	49.0
¼		1.9	49.3
cb		1.5	49.7
N. line		1.5	49.7
	H.I. 55.01		
	225 E. 22nd		
N. line		5.4	49.6
cb		5.4	49.6
¼		6.1	48.9
C		5.6	49.4
¼		5.6	49.4
cb		5.6	49.4
So. line		5.4	49.6

250 E. 22nd	rod read.	Elev.
So. line.	5.8	49.2
cb	5.7	49.3
¼	5.8	49.2
C	5.7	49.3
¼	6.0	49.0
cb	5.7	49.3
N. line	5.6	49.4

275' E. 22nd		
N. line	6.2	48.8
cb	6.0	49.0
¼	5.9	49.1
C	5.5	49.5
¼	6.0	49.0
cb.	5.9	49.1
So. line	5.8	49.2

300' E. 22nd	rod read	Elev.
So. line	6.2	48.8
cb	6.2	48.8
¼	6.3	48.7
C	6.3	48.7
¼	6.3	48.7
cb	6.2	48.8
N. line	6.2	48.8

325' E. 22nd		
N. line	5.9	49.1
cb.	5.9	49.1
¼	6.1	48.9
C	6.2	48.8
¼	6.2	48.8
cb.	6.2	48.8
So. line	6.3	48.7

350' E 22nd	rod read	Elev.
So. line	6.0	49.0
cb.	6.1	48.9
1/4	6.2	48.8
C	6.0	49.0
1/4	6.0	49.0
cb	5.6	49.4
N line	5.4	49.6

375' E 22nd		
N line	5.4	49.6
cb	5.2	49.8
1/4	5.6	49.4
C	5.6	49.4
1/4	5.9	49.1
cb	5.9	49.1
So line	5.9	49.1

400' E. 22nd	rod read	Elev.
So. line	5.6	49.4
cb.	5.9	49.1
1/4	5.5	49.5
C	5.1	49.9
1/4	5.3	49.7
cb	4.9	50.1
N. line	4.7	50.3

425' E. 22nd		
N line	4.4	50.6
cb	4.9	50.1
1/4	4.9	50.1
C	5.0	50.0
1/4	5.3	49.7
cb	5.3	49.7
So line	5.7	49.3

450' E 22nd	rod read	Elev.
So. line	5.5	49.5
cb	5.4	49.6
¼	5.1	49.9
c	4.6	50.4
¼	4.3	50.7
cb	4.4	50.6
N line	4.0	51.0

475' E 22nd		
N. line	4.0	51.0
cb	4.4	50.6
¼	4.5	50.5
c	4.5	50.5
¼	4.8	50.2
cb.	5.2	49.8
So. line	5.4	49.6

500' E 22nd	rod read	Elev.
So. line	4.7	50.3
cb.	5.1	49.9
¼	4.8	50.2
c	4.5	50.5
¼	4.1	50.9
cb.	3.9	51.1
N line	3.9	51.1

525' E 22nd		
N line	4.1	50.9
cb	4.3	50.7
¼	4.0	51.0
c	4.0	51.0
¼	4.3	50.7
cb	4.7	50.3
So. line	4.2	50.8

5-5-0' E. 22nd	rod read	Elev.
So line	4.5	5-0.5
cb	4.3	5-0.7
1/4	4.1	5-0.9
C	4.2	5-0.8
1/4	3.6	5-1.4
cb	3.7	5-1.3
N. line	3.7	5-1.3

5-7 5-1 E. 22nd		
N line	3.3	5-1.7
cb	3.4	5-1.6
1/4	3.3	5-1.7
C	3.6	5-1.4
1/4	3.9	5-1.1
cb.	4.0	5-1.0
So line	3.9	5-1.1

W. line 23rd	rod read	Elev.
So line	3.8	5-1.2
cb	3.7	5-1.3
1/4	3.3	5-1.7
C	3.3	5-1.7
1/4	3.2	5-1.8
cb	3.0	5-2.0
N. line	3.0	5-2.0

W. cb. 23rd		
N line	2.4	5-2.6
cb.	2.9	5-2.1
1/4	3.1	5-1.9
C	3.2	5-1.8
1/4	3.2	5-1.8
cb.	3.5	5-1.5
So line	3.7	5-1.3

W. ¼ 23rd	rod read	Elev.
So line	3.5	5-1.5
Cb	3.4	5-1.6
¼	3.2	5-1.8
C	3.1	5-1.9
¼	3.1	5-1.9
Cb	2.7	5-2.3
N. line	2.3	5-2.7

Center 23rd		
N. line	2.5	5-2.5
Cb	2.9	5-2.1
¼	3.0	5-2.0
C	3.1	5-1.9
¼	3.2	5-1.8
Cb	3.4	5-1.6
So line	3.5	5-1.5

E. ¼ 23rd	rod read	Elev.
So. line	3.3	5-1.7
Cb	3.3	5-1.7
¼	3.0	5-2.0
C	2.7	5-2.3
¼	2.8	5-2.2
Cb	2.7	5-2.3
N line	2.6	5-2.4

E. Cb. 23rd		
N. line	2.4	5-2.6
Cb.	2.4	5-2.6
¼	2.3	5-2.7
C	2.4	5-2.6
¼	2.7	5-2.3
Cb	3.1	5-1.9
So line	3.1	5-1.9

E line 23rd

	rod read	Elev.
So line	3.1	5-1.9
Cb	3.1	5-1.9
¼	2.7	5-2.3
C	1.9	5-3.1
¼	1.8	5-3.2
Cb.	2.3	5-2.7
N. line	2.3	5-2.7

H.I. 5-9.26

25' E. 23rd

So. line	7.5-	5-1.8
Cb.	7.3	5-2.0
¼	7.1	5-2.2
C	6.7	5-2.6
¼	6.5-	5-2.8
Cb	6.5-	5-2.8
N. line	6-3	5-3,0

50' E. 23rd

	rod read	elev.
N line	6.3	5-3.0
Cb.	6.9	5-2.4
¼	7.1	5-2.2
C	7.2	5-2.1
¼	7.4	5-1.9
Cb	7.5-	5-1.8
So line	7.7	5-1.6

75' E 23rd

So line	6.2	5-3.1
Cb	6.7	5-2.6
¼	6.9	5-2.4
C	7.1	5-2.2
¼	7.1	5-2.2
Cb	6.7	5-2.6
N. line	6.2	5-3.1

100' E 23rd	rodread	Elev.
N line	5.9	5-3.4
cb	6.5	5-2.8
1/4	6.5	5-2.8
c	6.2	5-3.1
1/4	6.8	5-2.5
cb	6.3	5-3.0
S line	5.5	5-3.8

125' E 23rd		
S line	6.5	5-2.8
cb	6.6	5-2.7
1/4	6.5	5-2.8
c	6.2	5-3.1
1/4	6.2	5-3.1
cb	6.1	5-3.2
N line	5.3	5-4.0

150' E. 23rd	rodread	Elev.
N line	4.9	5-4.4
cb	5.2	5-4.1
1/4	5.8	5-3.5
c	6.0	5-3.3
1/4	6.2	5-3.1
cb.	6.2	5-3.1
S line	5.6	5-3.7

175' E 23rd		
S line	5.2	5-4.1
cb	5.4	5-3.9
1/4	5.7	5-3.6
c	5.3	5-4.0
1/4	4.1	5-5.2
cb.	4.9	5-4.4
N line	4.7	5-4.6

200' E. 23rd	rod read	Elev.
N line	3.1	5-6.2
Cb.	4.1	5-5.2
1/4	3.9	5-5.4
C	4.3	5-5.0
1/4	4.5-	5-4.8
Cb	4.6	5-4.7
So line	4.6	5-4.7

225' E. 23rd		
So line	4.0	5-5.3
Cb	4.2	5-5.1
1/4	4.4	5-4.9
C	4.3	5-5.0
1/4	4.1	5-5.2
Cb.	3.7	5-5.6
N. line	3.5-	5-5.8

250' E. 23rd		
N. line	3.3	5-6.0
Cb.	3.7	5-5.6
1/4	3.8	5-5.5-
C	3.8	5-5.5-
1/4	3.4	5-5.9
Cb	3.8	5-5.5-
So line	3.6	5-5.7

275' E. 23rd		
So line	3.3	5-6.0
Cb	3.3	5-6.0
1/4	3.4	5-5.9
C	3.4	5-5.9
1/4	3.5-	5-5.8
Cb	3.3	5-6.0
N. line	2.9	5-6.4

300' E 23rd	rod read	Elev.
N line	1.6	5-7.7
cb	2.1	5-7.2
1/4	2.7	5-6.6
c	2.6	5-6.7
1/4	3.0	5-6.3
cb.	3.1	5-6.2
So line	3.2	5-6.1

325' E 23rd		
So line	2.3	5-7.0
cb	2.3	5-7.0
1/4	2.3	5-7.0
c	2.1	5-7.2
1/4	1.9	5-7.4
cb.	1.4	5-7.9
N line	1.2	5-8.1

350' E. 23rd	rod read	Elev.
N line	0.8	5-8.5
cb	1.0	5-8.3
1/4	1.2	5-8.1
c	1.6	5-7.7
1/4	1.7	5-7.6
cb.	1.6	5-7.7
So line	1.7	5-7.6

Feb. 9. 1905

Childs
Lewis
Brookes

H.I. 66.10

375' E 23rd		
So line	8.1	5-8.0
cb	8.2	5-7.9
1/4	8.1	5-8.0
c	8.1	5-8.0
1/4	7.7	5-8.4
cb.	7.2	5-8.9
N line	7.2	5-8.9

400' E. 23rd	rod read	Elev.
N line	6.8	59.3
cb	6.8	59.3
1/4	7.0	59.1
c	7.3	58.6
1/4	7.7	58.4
cb	7.9	58.2
So line	8.0	58.1

425' E. 23rd		
So line	7.7	58.4
cb	7.3	58.8
1/4	7.3	58.8
c	7.3	58.8
1/4	6.7	59.4
cb	6.3	59.8
N line	6.1	60.0

450' E 23rd	rod read	Elev.
N line	5.6	60.5
cb	5.6	60.5
1/4	6.1	60.0
c	6.6	59.5
1/4	7.0	59.1
cb	6.9	59.2
So line	7.0	59.1

475' E 23rd		
So line	6.6	59.5
cb	6.3	59.6
1/4	6.3	59.6
c	6.2	59.9
1/4	5.3	60.6
cb	5.3	60.8
N line	4.7	61.4

500' E 23rd	rodread	elev.
N line	4.2	61.9
cb	4.8	61.3
1/4	4.8	61.3
c	5.5	60.6
1/4	6.1	60.0
cb	6.0	60.1
So line	6.1	60.0

525' E 23rd		
So line	5.8	60.3
cb	5.6	60.5
1/4	5.6	60.5
c	4.8	61.3
1/4	4.5	61.6
cb	4.3	61.8
N line	3.8	62.3

550' E 23rd	rodread	elev.
N line	3.2	62.9
cb	3.7	62.4
1/4	3.6	62.5
c	4.2	61.9
1/4	5.1	61.0
cb.	5.0	61.1
So line	5.6	60.5

575' E 23rd		
So line	5.7	60.4
cb	5.2	60.9
1/4	4.9	61.2
c	4.1	62.0
1/4	3.4	62.7
cb.	3.3	62.8
N line	2.8	63.3

W. line 24th St.	rodread	Elev.
N line	2.2	63.9
cb	2.9	63.2
1/4	3.6	62.5
c	4.4	61.7
1/4	5.2	60.9
cb	5.7	60.4
S line	6.3	59.8

W. cb 24th		
S line	6.4	59.7
cb	6.0	60.1
1/4	5.2	60.9
c	4.7	61.4
1/4	3.7	62.4
cb	3.0	63.1
N line	2.2	63.9

W. 1/4 24th	rodread	Elev.
N line	2.3	63.8
cb	3.1	63.0
1/4	3.7	62.4
c	4.8	61.3
1/4	5.4	60.7
cb	5.9	60.2
S line	6.3	59.8

Center of 24th		
S line	6.5	59.6
cb	6.1	60.0
1/4	5.6	60.5
c	5.0	61.1
1/4	4.1	62.0
cb	3.2	62.9
N line	2.5	63.6

E. 1/4 24th

	rodread	Elev.
N line	2.3	63.8
cb	3.3	62.8
1/4	4.0	62.1
c	5.1	61.0
1/4	5.3	60.8
cb	5.9	60.2
So line	6.4	59.7

E. cb 24th

So line	6.4	59.7
cb	6.0	60.1
1/4	5.3	60.8
c	5.2	60.9
1/4	4.2	61.9
cb.	3.4	62.7
N line	2.5	63.6

E line 24th St.

	rodread	Elev.
N line	2.9	63.2
cb	3.8	62.3
1/4	4.7	61.4
c	5.5	60.6
1/4	5.7	60.4
cb.	6.3	59.8
So line	6.5	59.6

25' E. 24th

H.I. 68.44

N line	5.8	62.6
cb	6.8	61.6
1/4	7.5	60.9
c	8.3	60.1
1/4	8.5	59.9
cb.	8.8	59.6
So line	9.1	59.3

50' E 24th	rodread	Elev.
So line	8.5	59.9
cb	8.8	59.6
1/4	8.9	59.5
c	8.7	59.7
1/4	7.8	60.6
cb	7.2	61.2
N line	6.9	61.5

75' E 24th	rodread	Elev.
N line	7.3	61.1
cb	7.8	60.6
1/4	8.5	59.9
c	8.8	59.6
1/4	8.8	59.6
cb	9.3	59.1
So line	9.6	58.8

100' E 24th	rodread	Elev.
So. line	9.4	59.0
cb	9.0	59.4
1/4	8.8	59.6
c	8.7	59.7
1/4	8.6	59.8
cb	8.5	59.9
N line	8.4	60.0

125' E 24th	rodread	Elev.
N line	8.0	60.4
cb	7.7	60.7
1/4	8.3	60.1
c	8.3	60.1
1/4	8.6	59.8
cb	8.3	60.1
So line	8.4	60.0

150' E 24th	rod read	Elev.
So line	7.4	61.0
cb	7.2	61.2
1/4	7.5	60.9
c	7.2	61.2
1/4	7.0	61.4
cb	6.3	62.1
N line	6.5	61.9

175' E 24th		
N line	6.3	62.1
cb	6.3	62.1
1/4	6.2	62.2
c	5.7	62.7
1/4	5.6	62.8
cb	5.6	62.8
So line	6.0	62.4

200' E. 24th	rod read	Elev.
So line	6.0	62.4
cb	5.6	62.8
1/4	4.8	63.6
c	4.6	63.8
1/4	5.3	63.1
cb	5.0	63.4
N line	5.3	63.1

225' E 24th		
N line	5.1	63.3
cb	5.1	63.3
1/4	5.5	62.9
c	5.4	63.0
1/4	5.5	62.9
cb	5.7	62.7
So line	5.8	62.6

	250' E 24th	rodread	Elev.
Soline		5.5	62.9
CL		5.2	63.2
1/4		5.3	63.1
C		5.3	63.1
1/4		5.1	63.3
CL		4.8	63.6
N line		4.8	63.6
	275' E 24th		
N line		4.3	64.1
CL		4.2	64.2
1/4		4.4	64.0
C		4.3	64.1
1/4		4.2	64.2
CL		4.7	63.7
So line		4.1	64.3

	300' E 24th	rodread	Elev.
Soline		2.3	66.1
CL		1.9	66.5
1/4		1.5	66.9
C		0.6	67.8
1/4		1.2	67.2
CL		2.4	66.0
N line		3.1	65.3
	325' E 24th		
N line		1.0	67.4
CL		0.0	68.4
1/4		0.0	68.4
C		0.2	68.2
1/4		0.3	68.1
CL		0.5	67.9
Soline		0.2	68.2

350' E 24th	rod read	Elev.
H.I. 77.76		
So. line	6.4	71.4
CL	6.7	71.1
1/4	7.5-	70.3
C	8.1	69.7
1/4	8.1	69.7
CL	8.2	69.6
N line	8.6	69.2
375' E 24th		
N line	5.2	72.6
CL	4.9	72.9
1/4	5.7	72.1
C	5.3	72.5-
1/4	4.7	73.1
CL	4.8	73.0
So line	4.4	73.4

400' E 24th	rod read	Elev.
So line	2.8	75.0
CL	3.1	74.7
1/4	3.4	74.4
C	3.5-	74.3
1/4	3.4	74.4
CL	3.0	74.8
N line	3.0	74.8
425' E 24th		
N line	0.6	77.2
CL	0.6	77.2
1/4	0.7	77.1
C	1.1	76.7
1/4	1.3	76.5-
CL	1.5-	76.3
So line	0.9	76.9

450' E 24th	rodread	Elev.
H.I. 87.30		
Soline	9.2	78.1
CB	9.3	78.0
1/4	8.9	78.4
C	8.8	78.5
1/4	8.3	79.0
CB	7.2	80.1
N line	7.1	80.2
475' E 24th		
N line	6.2	81.1
CB	6.2	81.1
1/4	6.8	80.5
C	7.6	79.7
1/4	8.1	79.2
CB	8.1	79.2
Soline	8.2	79.1

500' E 24th	rodread	Elev.
Soline	7.4	79.9
CB	7.6	79.7
1/4	7.2	80.1
C	7.0	80.3
1/4	6.1	81.2
CB	5.5	81.8
N line	5.5	81.8
525' E 24th		
N line	4.8	82.5
CB	5.1	82.2
1/4	5.4	81.9
C	6.2	81.1
1/4	6.4	80.9
CB	6.9	80.4
Soline	6.5	80.8

	5'50' E 24th	rod read	Elev.
So line		5.9	81.4
cb		6.3	81.0
1/4		5.5'	81.8
c		5.5'	81.8
1/4		4.9	82.4
cb		4.3	83.0
N line		4.2	83.1
	5'75' E 24th		
N line		3.6	83.7
cb		4.0	83.3
1/4		4.1	83.2
c		4.9	82.4
1/4		4.4	82.9
cb		3'.1	82.2
So line		3'.3	82.0'

	W. line 25th St.	rod read	Elev.
So line		4.2	83.1
cb		4.0	83.3
1/4		3.5'	83.8
c		4.0	83.3
1/4		3.4	83.9
cb		3.2	84.1
N line		2.8	84.5'
	W. cb 25th		
	H.I. 88.85'		
So line		5'.7	83.2
cb		5'.4	83.5'
1/4		5'.0	83.9
c		5'.1	83.8
1/4		4.5'	84.4
cb		4.4	84.5'
N. line		3.7	85'.2

W. 1/4 25th

	rod read	Elev.
N line	3.7	85.2
CB	4.2	84.7
1/4	4.2	84.7
C	4.8	84.1
1/4	4.7	84.2
CB	5.0	83.9
So line	5.4	83.5

Center 25th St.

So line	5.6	83.3
CB	4.9	84.0
1/4	4.8	84.1
C	4.5	84.4
1/4	4.2	84.7
CB	4.0	84.9
N line	3.7	85.2

E. 1/4 25th

	rod read	Elev.
N line	3.7	85.2
CB	3.8	85.1
1/4	4.0	84.9
C	4.4	84.5
1/4	4.4	84.5
CB	4.7	84.2
So line	5.6	83.3

E. CB. 25th

So line	5.5	83.4
CB	5.0	83.9
1/4	4.7	84.2
C	4.3	84.6
1/4	3.8	85.1
CB	3.6	85.3
N line	3.4	85.5

E line 25th St.

	rodread	Elev.
N line	3.1	85.8
cb	3.4	85.5
1/4	3.9	85.0
c	4.4	84.5
1/4	4.9	84.0
cb	4.8	84.1
S line	5.7	83.2

25' E. 25th

S line	5.7	83.2
cb	5.5	83.4
1/4	5.3	83.6
c	4.8	84.1
1/4	4.3	84.6
cb	3.6	85.3
N line	3.1	85.8

50' E. 25th

	rodread	Elev.
N line	3.1	85.8
cb	3.6	85.3
1/4	4.0	84.9
c	4.8	84.1
1/4	5.5	83.4
cb	5.8	83.1
S line	6.2	82.7

75' E. 25th

S. line	6.7	82.2
cb	6.2	82.7
1/4	5.8	83.1
c	5.3	83.6
1/4	4.7	84.2
cb	4.8	84.1
N line	3.4	85.5

100' E 25-th	rod R.	Elev.
N. line	3.6	85.3
cb	4.0	84.9
¼	4.8	84.1
C	5.5	83.4
¼	5.8	83.1
cb	6.1	82.8
S. line	6.7	82.2
125-1 E 25-th		
S. line	6.4	82.5
cb	6.1	82.8
¼	5.9	83.0
C	5.5	83.4
¼	4.8	84.1
cb	4.3	84.6
N line	4.0	84.9

150' E. 25-th	R.R.	Elev.
N line	3.9	85.0
cb	4.1	84.8
¼	4.9	84.0
C	5.7	83.2
¼	6.0	82.9
Cb.	6.0	82.9
S line	6.3	82.6
175-1 E 25-th		
S line	6.4	82.5
cb	6.0	82.9
¼	6.0	82.9
C	5.7	83.2
¼	4.9	84.0
cb	4.6	84.3
N line	3.9	85.0

200' E 25th	R.R.	Elev.
N line	4.6	84.3
CL	4.7	84.2
1/4	5.1	83.8
C	5.6	83.3
1/4	6.0	82.9
CL	6.3	82.6
S line	6.4	82.5

225' E 25th		
S line	6.6	82.3
CL	6.1	82.8
1/4	6.0	82.9
C	6.0	82.9
1/4	5.6	83.3
CL	4.9	84.0
N line	4.8	84.1

250' E 25th	R.R.	Elev.
N line	5.1	83.8
CL	5.6	83.3
1/4	5.9	83.0
C	6.2	82.7
1/4	6.3	82.6
CL	6.1	82.8
S line	6.5	82.4

275' E 25th		
S line	7.1	81.8
CL	7.0	81.9
1/4	6.7	82.2
C	6.6	82.3
1/4	6.2	82.7
CL	5.7	83.2
N line	5.1	83.8

300' E 25-th

	R.R.	Elev.
N line	5.8	83.1
CB	6.2	82.7
1/4	6.4	82.5
C	6.7	82.2
1/4	6.9	82.0
CB	7.0	81.9
S line	7.2	81.7

325' E 25-th

H.I. 83.35

S line	2.1	81.3
CB	2.0	81.4
1/4	1.7	81.7
C	1.7	81.7
1/4	1.4	82.0
CB	1.2	82.2
N line	1.0	82.4

350' E 25-th

	R.R.	Elev.
N line	1.9	81.5
CB	1.9	81.5
1/4	2.3	81.1
C	2.7	80.7
1/4	2.6	80.8
CB	2.8	80.6
S line	2.6	80.8

375' E 25-th

S line	3.1	80.3
CB	3.5	79.9
1/4	3.4	80.0
C	3.2	80.2
1/4	3.0	80.4
CB	3.0	80.4
N line	2.3	81.1

400' E 25-th	R.R.	Elev.
N line	3.8	79.6
cb	4.6	78.8
1/4	3.8	79.6
c	4.4	79.0
1/4	4.8	78.6
cb	5.0	78.4
S line	4.7	78.7

425' E 25-th		
S line	6.0	77.4
cb	5.8	77.6
1/4	5.7	77.7
c	5.5	77.9
1/4	5.5	77.9
cb	5.4	78.0
N line	4.9	78.5

450' E 25-th	R.R.	Elev
N line	4.9	78.5
cb	5.1	78.3
1/4	5.2	78.2
c	6.1	77.3
1/4	6.1	77.3
4' N. of cb	5.9	77.5
cb	3.7	79.7
5' W on cb line	5.9	77.5
S line	4.0	79.4
5' W on Prop line	5.9	77.5

475' E 25-th		
S line	3.7	79.7
cb	4.0	79.4
4' N cb line	6.0	77.4
1/4	6.3	77.1
c	6.2	77.2
1/4	5.9	77.5
cb	5.6	77.8
N line	5.5	77.9

500' E 25th	R.R.	Elev.
N line	4.8	78.6
CL	4.8	78.6
¼	3.7	78.3
C	5.5	77.9
¼	5.5	77.9
4' N CL line	5.6	77.8
CL	4.2	79.2
S line	3.8	79.6

525' E 25th		
S line	3.8	79.6
CL	4.0	79.4
4' N CL line	5.0	78.4
¼	4.9	78.5
C	4.6	78.8
¼	4.6	78.8
CL	4.4	79.0
N line	3.8	79.6

550' E 25th	R.R.	Elev.
N line	3.4	80.0
CL	3.4	80.0
¼	3.6	79.8
C	3.6	79.8
¼	3.6	79.8
CL	3.9	79.5
S line	3.7	79.7

575' E 25th		
S line	3.6	79.8
CL	3.7	79.7
¼	3.6	79.8
C	3.6	79.8
¼	3.6	79.8
CL	3.4	80.0
N line	3.1	80.3

W. line 26th St.		R.R. Elev.
N line	2.5	80.9
cb	3.1	80.3
¼	3.3	80.1
c	3.4	80.0
¼	3.4	80.0
cb	3.6	79.8
S line	3.6	79.8

W cb. 26th

H.I. 83.54

S line	4.0	79.5
cb	3.8	79.7
¼	3.6	79.9
c	3.5	80.0
¼	3.4	80.1
cb	3.2	80.3
N line	3.1	80.4

W. ¼ 26th		R.R. Elev.
N line	2.9	80.6
cb	3.2	80.3
¼	3.3	80.2
c	3.4	80.1
¼	3.6	79.9
cb	3.9	79.6
S line	3.9	79.6

Center 26th St.

So. line	3.9	79.6
cb	4.0	79.5
¼	3.8	79.7
c	3.5	80.0
¼	3.3	80.2
cb	3.2	80.3
N line	2.8	80.7

	E. ¼ 26th	R.R.	Elev.
N. line		2.6	80.9
cb		2.9	80.6
¼		3.3	80.2
C		3.5	80.0
¼		3.8	79.7
cb		3.9	79.6
S. line		4.2	79.3

	E. cb 26th		
S. line		3.9	79.6
cb		3.9	79.6
¼		3.7	79.8
C		3.6	79.9
¼		3.4	80.1
cb		3.2	80.3
N. line		3.0	80.5

	E line 26th St.	R.R.	Elev.
N. line		2.8	80.7
cb		3.1	80.4
¼		3.3	80.2
C		3.4	80.1
¼		3.5	80.0
cb		3.9	79.6
S. line		4.0	79.5

	25' E. 26th		
S. line		4.1	79.4
cb		4.0	79.5
¼		3.6	79.9
C		3.6	79.9
¼		3.4	80.1
cb		3.2	80.3
N. line		2.8	80.7

	50' E 26th	R.R.	Elev.
N. line		3.1	80.4
CL		3.2	80.3
¼		3.5	80.0
C		3.6	79.9
¼		3.4	80.1
CL		3.9	79.6
S line		4.4	79.1
	75' E 26th		
S line		5.0	78.5
CL		4.5	79.0
¼		3.7	79.8
C		3.6	79.9
¼		3.4	80.1
CL		3.4	80.1
N line		3.3	80.2

	100' E 26th	R.R.	Elev.
N line		3.4	80.1
CL		3.7	79.8
¼		3.8	79.7
C		3.9	79.6
¼		4.2	79.3
CL		5.2	78.3
S line		5.2	78.3
	125' E 26th		
S line		5.4	78.1
CL		5.5	78.0
¼		5.4	78.1
C		4.4	79.1
¼		4.4	79.1
CL		3.7	79.8
N line		3.6	79.9

	150' E 26th	R.R.	Elev.
N line		4.0	79.5
CL		4.5	79.0
1/4		4.7	78.8
C		5.2	78.3
1/4		5.5	78.0
CL		5.6	77.9
S line		5.9	77.6
	175' E 26th		
S line		6.2	77.3
CL		5.7	77.8
1/4		5.5	78.0
C		5.5	78.0
1/4		4.6	78.9
CL		4.6	78.9
N line		4.2	79.3

	200' E 26th	R.R.	Elev.
N line		4.2	79.3
CL		4.9	78.6
1/4		5.1	78.4
C		5.4	78.1
1/4		5.0	78.5
CL		4.8	78.7
S line		5.9	77.6
	225' E 26th		
S line		6.2	77.3
CL		5.3	78.2
1/4		5.3	78.2
C		5.4	78.1
1/4		5.3	78.2
CL		4.7	78.8
N line		3.8	79.7

250' E 26th	R.R.	Elev.
N line	4.3	79.2
cb	4.8	78.7
1/4	5.3	78.2
C	5.6	77.9
1/4	5.9	77.6
cb	6.1	77.4
S line	6.3	77.2

275' E 26th		
S line	6.3	77.2
cb	6.5	77.0
1/4	6.2	77.3
C	6.0	77.5
1/4	5.5	78.0
cb	5.2	78.3
N line	4.7	78.8

300' E 26th	R.R.	Elev.
N line	5.1	78.4
cb	5.9	77.6
1/4	5.9	77.6
C	6.0	77.5
1/4	6.4	77.1
cb	6.7	76.8
S line	6.9	76.6

325' E 26th		
S line	7.2	76.3
cb	6.7	76.8
1/4	6.3	77.2
C	6.3	77.2
1/4	5.5	78.0
cb	6.2	77.3
N line	5.9	77.6

	350' E 26th	R.R.	Elev.
n line		7.0	76.5
cb		7.0	76.5
1/4		6.8	76.7
C		6.9	77.6
1/4		7.2	76.3
cb		7.5	76.0
S line		7.8	75.7
	375' E 26th		
S line		8.2	75.3
cb		7.8	75.7
1/4		8.0	75.5
C		7.9	75.6
1/4		7.3	76.2
cb		7.5	76.0
n line		7.4	76.1

	400' E 26th	R.R.	Elev.
n line		7.4	76.1
cb		7.9	75.6
1/4		7.8	75.7
C		8.1	75.4
1/4		8.1	75.4
cb		8.4	75.1
S line		8.6	74.9
	425' E 26th		
S line		8.3	75.2
cb		8.4	75.1
1/4		8.5	75.0
C		8.6	74.9
1/4		8.0	75.5
cb		7.6	75.9
n line		7.5	76.0

	450' E 26th	R.R.	Elev.
	H.I. 78.10		
N line		2.2	75.9
cb		2.8	75.3
1/4		2.9	75.2
C		3.0	75.1
1/4		3.1	75.0
cb		3.1	75.0
S line		3.3	74.8
	475' E 26th		
S line		2.7	75.4
cb		2.9	75.2
1/4		3.0	75.1
C		3.3	74.8
1/4		2.7	75.4
cb		2.2	75.9
N line		2.3	75.8

	500' E 26th	R.R.	Elev.
N line		2.6	75.5
cb		2.6	75.5
1/4		2.9	75.2
C		3.4	74.7
1/4		3.4	74.7
cb		3.4	74.7
S line		3.5	74.6
	525' E 26th		
S line		4.0	74.1
cb		3.7	74.4
1/4		3.5	74.6
C		3.4	74.7
1/4		3.3	74.8
cb		2.5	75.6
N line		1.4	76.7

55'0" E 26th	R.R.	Elev.
N line	2.6	75.5
CL	3.1	75.0
1/4	3.2	74.9
C	3.2	74.9
1/4	3.1	75.0
CL	3.8	74.3
S line	4.0	74.1
3'75' E 26th		
S line	4.1	74.0
CL	4.0	74.1
1/4	4.1	74.0
C	3.6	74.5
1/4	3.6	74.5
CL	3.0	75.1
N line	2.8	75.3

600' W line 27th	R.R.	Elev.
N line	3.3	74.8
CL	3.6	74.5
1/4	3.7	74.4
C	3.7	74.4
1/4	4.3	73.8
CL	4 3	73.8
S-line	4.5	73.6
W.CL 27th		
S line	4.6	73.5
CL	4.2	73.9
1/4	4.3	73.8
C	3.9	74.2
1/4	3.5	74.6
CL	3.4	74.7
N line	3.4	74.7

	W. of 1/4 27th	R.R.	Elev.
N line		3.6	74.5
cb		3.5	74.6
1/4		3.2	74.9
C		3.2	74.9
1/4		4.3	73.8
cb		3.9	74.2
S line		4.2	73.9
	Center E 27th St.		
S line		4.4	73.7
cb		4.2	73.9
1/4		4.4	73.7
C		3.5	74.6
1/4		3.4	74.7
cb		3.7	74.4
N line		3.5	74.6

	E 1/4 27th	R.R.	Elev.
N line		3.5	74.6
cb		3.9	74.2
1/4		4.1	74.0
C		4.1	74.0
1/4		4.6	73.5
cb		4.7	73.4
S line		4.9	73.2
	E cb. 27th		
S line		4.8	73.3
cb		4.8	73.3
1/4		4.6	73.5
C		4.2	73.9
1/4		4.1	74.0
cb		4.1	74.0
N line		3.6	74.5

E line 27th St.		R.R.	Elev.
N line		3.8	74.3
cb		4.1	74.0
1/4		4.2	73.9
C		4.4	73.7
1/4		4.5	73.6
cb		4.8	73.3
S line	Feb. 10. 1905	4.7	73.4
Childs Lewis Brookes	25' E 27th St. H.I. 77.76		
S line		4.5	73.3
cb		4.4	73.4
1/4		4.4	73.4
C		4.1	73.7
1/4		4.1	73.7
cb		4.1	73.7
N line		4.1	73.7

50' E. 27th		R.R.	Elev.
N line		4.3	73.5
cb		4.3	73.5
1/4		4.2	73.6
C		4.3	73.5
1/4		4.3	73.5
cb		4.7	73.1
S line		4.6	73.2
75' E 27th			
S line		4.8	73.0
cb		5.0	72.8
1/4		4.9	72.9
C		4.8	73.0
1/4		4.8	73.0
cb		4.7	73.1
N line		4.8	73.0

100' E 27th	R.R.	Elev.
N line	5.1	72.7
CB	5.0	72.8
1/4	5.2	72.6
C	5.4	72.4
1/4	5.4	72.4
CB	5.2	72.6
S line	5.0	72.8

125' E. 27th		
S line	5.9	71.9
CB	6.0	71.8
1/4	5.9	71.9
C	5.9	71.9
1/4	5.9	71.9
CB	5.7	72.1
N line	5.9	71.9

150' E 27th	R.R.	Elev.
N line	6.2	71.6
CB	6.4	71.4
1/4	6.7	71.1
C	6.4	71.4
1/4	6.6	71.2
CB	6.6	71.2
S line	6.5	71.3

175' E. 27th		
S line	7.7	70.1
CB	7.7	70.1
1/4	7.3	70.5
C	7.4	70.4
1/4	7.5	70.3
CB	7.2	70.6
N line	7.0	70.8

	200' E 27th	R.R.	Elev.
N line		7.6	70.2
cb		7.8	70.0
1/4		8.5-	69.3
C		8.4	69.4
1/4		8.3	69.5-
cb		8.4	69.4
S line		8.4	69.4
	225' E 27th		
S line		9.2	68.6
cb		9.3	68.5-
1/4		9.3	68.5-
C		9.2	68.6
1/4		9.3	68.5-
cb		8.9	68.9
N line		9.0	68.8

	250' E 27th	R.R.	Elev.
N. line		9.2	68.6
cb		9.5-	68.3
1/4		9.8	68.0
C		9.7	68.1
1/4		9.8	68.0
cb		9.9	67.9
S line		9.6	68.2
	275' E. 27th		
	H.I. 72.5-4		
S. line		4.7	67.8
cb		4.8	67.7
1/4		4.8	67.7
C		4.6	67.9
1/4		4.3	68.2
cb		4.0	68.5-
N. line		3.7	68.8

300' E 27th	R.R.	Elev.
N line	3.5	69.0
cb	3.8	68.7
1/4	4.2	68.3
C	4.5	68.0
1/4	4.5	68.0
cb	4.8	67.7
S line	5.1	67.4

325' E 27th		
S line	4.8	67.7
cb	4.8	67.7
1/4	4.5	68.0
C	4.2	68.3
1/4	3.9	68.6
cb	3.7	68.8
N line	3.0	69.5

350' E 27th	R.R.	Elev.
N line	2.8	69.7
cb	3.1	69.4
1/4	3.2	69.3
C	3.6	68.9
1/4	4.1	68.1
cb	4.8	67.7
S line	4.9	67.6

375' E 27th		
S line	4.9	67.6
cb	4.8	67.7
1/4	4.1	68.4
C	4.0	68.5
1/4	3.7	68.8
cb	3.1	69.4
N line	2.6	69.9

	400' E 27th	R.R.	Elev.
N.line		2.5	70.0
CL		3.1	69.4
1/4		3.6	68.9
C		4.3	68.2
1/4		4.3	68.2
CL		4.1	68.4
S.line		4.9	67.6
	419.1 E 27th		
S.line		4.7	67.8
CL		3.9	68.6
1/4		4.2	68.3
C		4.1	68.4
1/4		3.8	68.7
CL		3.4	69.1
N.line		3.1	69.4

	435.9 E 27th	R.R.	Elev.
N.line	CL	3.7	68.8
CL		3.9	68.6
1/4		4.2	68.3
C		4.4	68.1
1/4		4.6	67.9
CL		4.5	68.0
	451.5 E 27th		
N.line	15.6	4.0	68.5
CL		4.4	68.1
1/4		4.4	68.1
C		4.8	67.7
1/4		4.8	67.7

POSTED

	467.1 E 27th	R.R	Elev.
N line		4.1	68.4
CL		4.7	67.8
¼		4.9	67.6
C		5.0	67.5
	482.7 E. 27th		
N line		4.7	67.8
CL		4.7	67.8
¼		5.0	67.5
	498.3 E. 27th		
N line		4.9	67.6
CL		5.3	67.2
	515.07 E 27th		
N. line		5.2	67.3

Levels for Paving of "D" St from 6th to 8th St.

POSTED

1/8/06 { Davis, Evans, Morse.

	5.10	57.17	52.07
	E line 6th		
No Gutr		6.24	50.93
2' So		6.33	50.84
5' So		6.29	50.88
No ¼		6.37	50.80
2' No Rail		6.38	50.79
2' So. "		6.53	50.64
So ¼		6.63	50.54
5' No Co		6.74	50.43
2' " "		6.80	50.37
Gutr		6.78	50.39
	25' E of 6th		
No Gutr		6.65	50.52
2' No "		6.61	50.56
5' " "		6.63	50.84
So ¼		6.11	51.06
2' So Rail		6.20	50.97

		57.17	
	25' E of 6th		
2' No Rail		6.08	51.09
No ¼		5.97	51.20
5' So Co		5.98	51.19
2' So "		6.05	51.12
No Gutr		6.01	51.16
	50' E of 6th		
No Gutr		5.83	51.34
25' "		5.90	51.27
5' So "		5.72	51.45
No ¼		5.65	51.52
2' No Rail		5.70	51.47
2' So "		5.76	51.41
So ¼		5.73	51.44
5' No Gutr		6.01	51.16
2' " "		6.16	51.01
So Gutr		6.35	50.82

D St

57.17

75' E of 6th

So Gutr	6.21	50.96
2' No "	6.02	51.15
5' " "	5.68	51.49
No 1/4	5.44	51.73
2' So Rail	5.46	51.71
2' No "	5.37	51.80
No 1/4	5.25	51.92
5 So Gutr	5.39	51.78
2' So "	5.58	51.59
No Gutr	5.53	51.64

100' E of 6th

No Gutr	5.41	51.76
2' So "	5.36	51.81
5' So "	5.15	52.02
No 1/4	5.02	52.15
2' No Rail	5.02	52.15

Note- Switch bet Sta 50 & 75' E of 6th St 2' from Rail - Commencing at 100' " " " " these

57.17

64

100 E 6th

2 So Rail	5.13	52.04
So 1/4	5.10	52.07
5' No Gutr	5.40	51.77
2' " "	5.78	51.39
So Gutr	5.90	51.27

125' E of 6th

So Gutr	5.53	51.64
2' No "	5.50	51.67
5' " "	5.33	51.84
So 1/4	5.00	52.17
2' So Rail	4.93	52.24
2' No Rail	4.82	52.35
No 1/4	4.85	52.32
5' So Gutr	4.91	52.26
2' " "	5.14	52.03
No Gutr	5.19	51.98

Which makes distances differ bet. 1/4ters & Stas. will be 8.5ft apart

"D" 57.

57.17

150' E of 6th

No Gutr.	4.92	52,25
2' So. "	4.95	52,22
5' " "	4.80	52,37
No 1/4	4.54	52.63
2' No Rail	4.55	52,62
2' So. "	4.72	52.45
So 1/4	4.86	52,31
5' No Gutr.	4.95	52,22
2' " "	5,10	52,07
So Gutr	5.32	51.85

175' E of 6th

So Gutr	4.76	52,41
2' No "	4.56	52,61
5' " "	4.52	52,61
So 1/4	4,32	52,63
2' So Rail	4.40	52.77
2' No "	4.26	52.91

175' E of 6th

No 1/4	4.22	52.95
5' So Gutr	4.48	52,69
2' " "	4.75	52.42
No Gutr	4.71	52.46

200' E 6th = W Line 7th

No Gutr	4.31	52.86
2' So "	4.44	52 73
5' " "	4.02	53.15
No 1/4	3.74	53,43
2' No Rail	3,87	53,30
2' So "	4.07	53.10
So 1/4	4.31	52.86
5' No Gutr	4.28	52,89
2' " "	4.48	52,69
So Gutr	4.58	52,59

"D" 57

57.17

West Cb line 7th

So line "D"	4.77	52.40
So Gutr	4.37	52.80
2' No.	4.35	52.82
5' "	4.28	52.89
So 1/4	4.12	53.05
2' So Rail	3.95	53.22
2' No "	3.81	53.36
No 1/4	3.65	53.52
5' So Gutr	3.65	53.52
2' " "	384	53.33
No Gutr	4.03	53.14
No line.	3.77	53.40

W. 1/4 7th

No line	3.31	53.86
No Gutr	3.72	53.95
2' So. "	3.15	54.02
5' So. "	3.13	54.04
No 1/4	3.39	53.78
2' No Rail	3.57	53.60
2' So "	3.81	53.36
So 1/4	3.89	53.28
5' No Gutr	3.88	53.29
2' No "	3.98	53.19
So Gutr	4.05	53.12
So line	4.23	52.94

Ctr line 7th

So line	4.17	53.00
So Gutr	3.86	53.31
2' No "	3.81	53.36
5' " "	3.74	53.43
So 1/4	3.73	53.44
2' So. Rail	3.69	53.48
2' No "	3.53	53.64
No 1/4	3.35	53.82

D" 57.

57.17

5'So Gutr	3.04	54.13
2'So "	2.95	54.22
No Gutr	3.00	54.17
No line	3.07	54.10

E ¼ 7th

No line	2.73	54.44
No Gutr	2.75	54.42
2' So.	2.70	54.47
5' "	2.71	54.46
No ¼	2.95	54.22
2'No Rail	3.37	53.80
2'So "	3.48	53.69
So ¼	3.48	53.69
5'No Gutr	3.52	53.65
2'No "	3.57	53.60
So Gutr	3.64	53.53
So line	3.96	53.21

E Cb line 7th

So line	4.48	52.69
So Gutr	4.07	53.10
2'No "	4.05	53.12
5' "	3.95	53.22
So ¼	3.79	53.38
2'So Rail	3.50	53.67
2'No "	3.40	53.77
No ¼	3.25	53.92
5'So Gutr	2.94	54.23
2'So "	3.28	53.89
No Gutr	2.95	54.22
No line	2.95	54.22

E line 7th

No Gutr	3.02	54.15
2'So "	3.37	53.80
5'So "	3.09	54.08
No ¼	3.17	54.00

D" St.

57.17

2'No Rail	3.24	53.93
2'So "	3.34	53.83
So ½	3.89	53.29
5' No Gutr	4.24	52.93
2' " "	4.30	52.87
So Gutr	4.40	52.77
	25' E 7th	
So Gutr	4.19	52.98
2'No "	4.13	53.04
5' " "	4.02	53.15
So ½	3.55	53.62
2'So Rail	3.10	54.07
2'No "	3.04	54.13
No ½	2.93	54.24
5' So Gutr	2.95	54.22
2' "	3.09	54.08
No Gutr.	3.00	54.17

Note- So ½ of D is paved from E line of 7th 100' East.

50' E 7th

No Gutr	2.91	54.26
2' So	2.93	54.24
5' "	2.70	54.47
No ½	2.57	54.60
2' No Rail	2.76	54.41
2' So "	2.83	54.34
So ½	3.34	53.83
5' No Gutr	3.76	53.41
2' " "	3.87	53.30
So Gutr	3.97	53.20
	75' E 7th	
So Gutr	3.75	53.42
2' No "	3.64	53.53
5' " "	3.50	53.67
So ½	3.08	54.09
2' So Rail	2.57	54.60
2' No "	2.50	54.67

"D" St.

5717

No ½	2.26	54.91
5' So Gutr	2.55	54.62
2' " "	2.81	54.36
No Gutr	2.83	54.34
100' E 7th		
No Gutr	2.64	54.53
2' So "	2.65	54.52
5' " "	2.30	54.87
No ½	2.04	55.13
2' No Rail	2.18	54.99
2' So "	2.34	54.83
So ½	2.81	54.36
5' No Gutr	3.21	53.96
2' " "	3.35	53.82
So Gutr	3.37	53.80

125' E 7th		
So Gutr	3.01	54.16
2' No "	2.88	54.29
5' " "	2.53	54.64
So ½	2.30	54.87
2' So Rail	2.10	55.07
2' No "	1.94	55.23
No ½	1.70	55.44
5' So Gutr	2.41	54.76
2' " "	2.34	54.83
No Gutr	2.27	54.90
150' E 7th		
No Gutr	2.16	55.01
2' So "	2.17	55.00
5' " "	1.82	55.35
No ½	1.57	55.60
2' No Rail	1.67	55.50
2' So "	1.90	55.27

52.17

So ¼	1.90	55,27
5' No Gutr	2.20	54,97
2' " "	2.55	54,62
So Gutr	2.68	54,49

175 E 7th

So Gutr	2.44	54,73
2' No "	2.17	55,00
5' " "	1.82	55,35
So ¼	1.60	55,57
2' So Rail	1.54	55,63
2' No "	1.40	55,77
No ¼	1.26	55,91
6' So Gutr	1.50	55,67
2' So "	1.88	55,29
No Gutr	1.63	55,54

POSTED

W. Line 8th

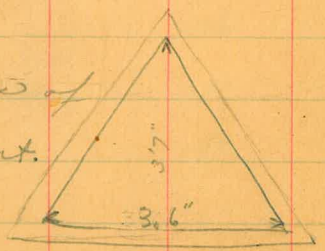
No Gutr	1.36	55,81
2' So "	1.28	55,89
5' " "	1.35	55,82
No ¼	0.82	56,35
2' No Rail	1.15	56,02
2' So "	1.40	55,77
So ¼	1.58	55,64
5' No Gutr	1.89	55,28
2' " "	2.03	55,14
So Gutr	2.11	55,06

POSTED

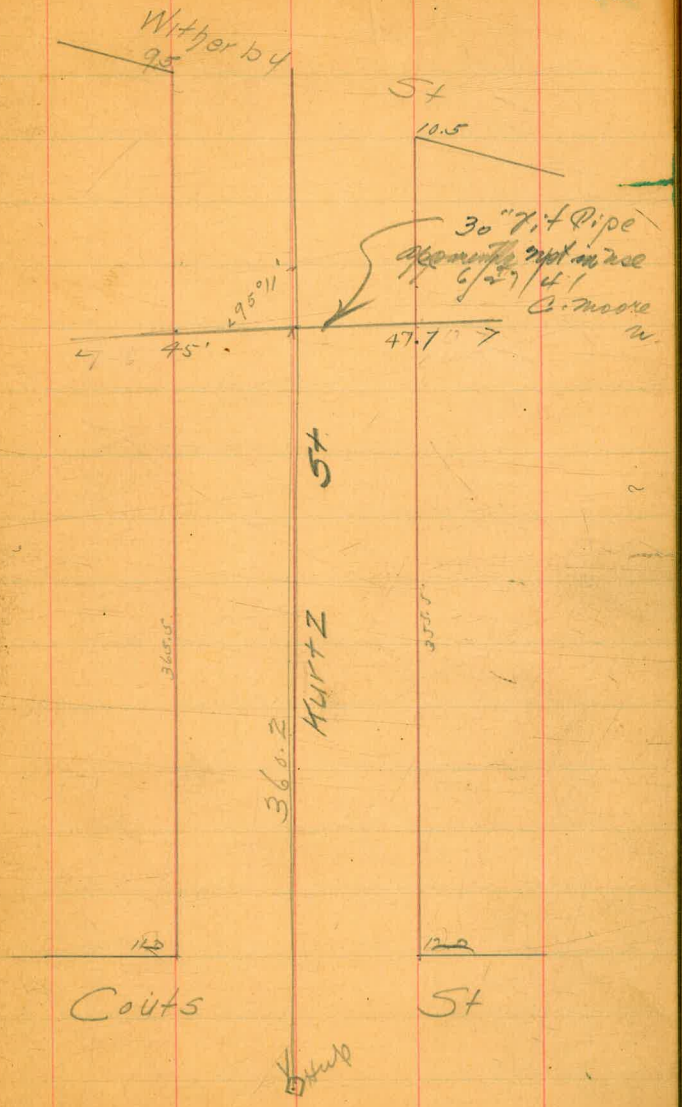
B.M. Witherby & Hancock - Spkin Pole SE Cor

2.16	14.27		12.11
2.57	5.82	11.02	3.27
70' E of E Line		7.2	- 1.4
10' " " "		7.1	- 1.6
E. Line		7.4	- 1.6
30.5' W of E. Line		7.7 Bottom Culvert 3.2 Top	- 1.9 + 2.6
Ctr		2.4	+ 3.4
61' W " "		2.3	+ 3.5
72' " "		8.0	- 2.8
75' W of E.L - W.L.		8.0	- 2.8
10' W " "		8.1	- 2.9
20' " " "		8.0	- 2.8

Dimensions of present culvert.



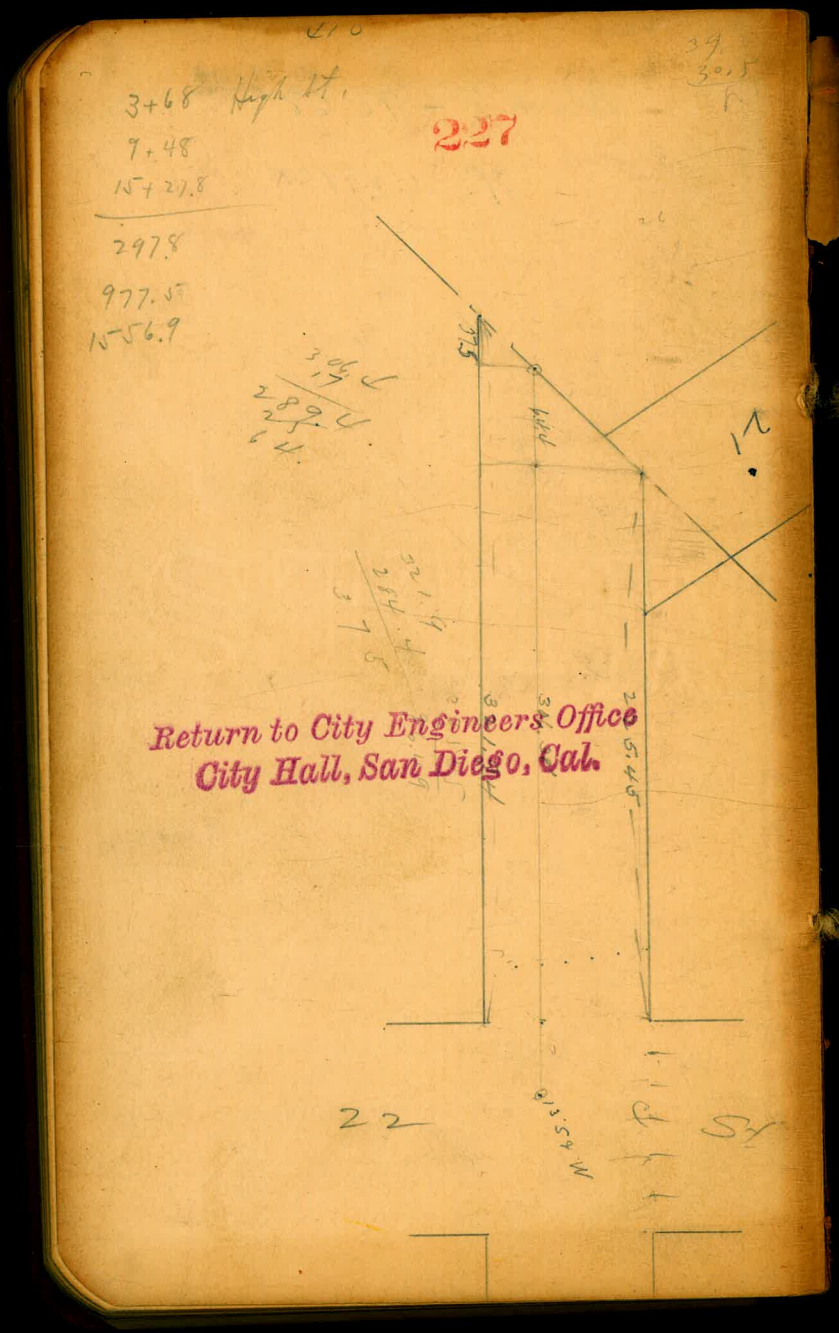
71



68

Block 8 – 93.68

GP. 127.99 CK



TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Return to City Engineers Office
City Hall, San Diego, Cal.

Degrees	DEGREES. Lat.	DEGREES. Dep.	¼ DEGREE. Lat.	¼ DEGREE. Dep.	½ DEGREE. Lat.	½ DEGREE. Dep.	¾ DEGREE. Lat.	¾ DEGREE. Dep.	Degrees
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60 53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

Published by H. S. Crocker Company, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.