

X-sections H St 20<sup>th</sup> to 30<sup>th</sup>

" D St 26 to 32 St.

229

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400

LEVEL

F.B. 229

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

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

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	COR. IN LINKS	Angle	COR. IN LINKS	Angle	LINKS	Angle	COR. IN LINKS
0		DEC	1.88	1964	5.14	0	10.54
4	0.24	11	2.24	19	5.76	25	11.26
5	0.38	12	2.63	20	6.42	26	12.24
6	0.55	13	3.06	21	7.11	27	13.37
7	0.76	14	3.53	22	7.85	28	14.34
8	0.98	15	4.02	23	8.64	29	15.47
9	1.24	16	4.56	24	9.47	30	22.07
10	1.55	17				35	

187.62  
1.30  
186.32 J.P.  
7.70  
194.02

76.5  
229  
13.13  
180.89  
194.02

206.27  
12.40  
T.P. 193.57 \*  
61.28 + 29.5

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MICROFILMED

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903  
 172.06  
 176.09  
 4.03  
 171.74

B.M. 156.22 7.11

J.P. 0.72 162.61

J.P. 13.06 150.27

4.04

154.31

J.P. 12.33 141.98

3.53

145.51

J.P. 12.45 133.06

-0.11

132.95

J.P. 12.28 120.67

2.43

123.10

12.50

175.11

J.P. 3.05 172.06 m Rock

about 65' E of 26<sup>th</sup> St.

181.89

9.83

Dec. 9 1905

Builds  
 Evans  
 Munson 1

Cross section H St. 25<sup>th</sup> to 30<sup>th</sup>

E. line 25

H.I.

S. line 163.33

8.1

155.2

8.3

155.0

7.5

155.5

7.1

156.2

7.0

156.3

5.4

157.9

3.6

159.7

25' E

3.9

159.4

4.5

158.8

5.1

158.2

5.8

157.5

2.5

160.8

2.7

160.6

4.2

159.1

8.2

155.1

8.6

154.7

C

6' so.

8' so. 1/2

S. line

H.F. 154,31

2

50' E

Soline 10.3 153.0

10.4 152.9

9.5 156.3

6.0 157.3

8.2 155.1

7.0 156.3

6.3 157.0

White 4.9 158.4

75' E

White 7.6 155.7

7.8 155.5

8.7 154.6

9.2 154.1

10.9 152.4

12.7 150.6

14.7 148.6

Soline 14.9 148.4

100' E

Soline # 10.2 144.1

9.5 144.8

6.2 148.1

3.9 150.4

2.3 152.0

1.9 152.4

0.5 153.8

White

125' E

White 2.0 152.3

6.3 145.0

6.3 148.0

7.9 146.4

9.2 145.1

13.0 141.3

13.1 141.2

Soline

140' E (wline alley)

Soline	18.4	135.9
	17.1	137.2
	12.6	141.7
C	9.6	144.7
	10.0	144.3
	11.0	143.3
wline	10.0	144.3

160' E (E line alley)

wline	H.F.	145.51	6.1	139.4
			7.1	138.4
			7.2	138.3
C			8.5	137.0
			11.2	134.3
			12.3	133.2
Soline			12.7	132.8

175" E 25<sup>th</sup> St.

Soline	#	15.0	130.5
		13.9	131.6
		12.7	132.8
C		11.5	134.0
		10.2	135.3
		9.9	135.6
wline		8.8	136.7

200' E

wline	H.F.	132.95	1.8	131.2
			2.3	130.7
			3.5	129.5
C			4.1	128.9
			5.0	128.0
			5.8	127.2
Soline			6.4	126.6

H.I. 123.10

4

225° E

Soline	8.9	124.1
	9.4	123.6
	8.6	124.4
C	7.9	125.1
	6.9	126.1
	6.3	126.7
n line	5.7	127.13

250° E

n line	9.7	123.13
	10.3	122.7
	10.9	122.11
C	11.1	121.9
	11.9	121.1
	12.7	120.3
Soline	13.3	119.7

275° E

Soline	6.0	117.1
	6.0	117.1
	5.6	117.5
C	4.4	118.7
	4.5	118.6
	4.0	119.1
n line	3.5	119.6

300° E

n line	7.5	115.6
	8.2	114.9
	8.0	115.1
C	8.0	115.1
	7.9	115.2
	8.4	114.7
Soline	9.0	114.1

HE 132,95

5

325' E

Soline	11.0	112.1
	10.8	112.13
	11.2	111.9
C	11.1	112.0
	10.1	113.0
	9.6	113.5
White	9.1	114.0

350' E

White	7.2	115.9
	7.4	115.7
	8.5	114.6
C	9.0	114.1
	10.4	112.7
	11.8	111.3
Soline	12.4	110.7

375' E

Soline	15.1	116.8
	17.4	115.5
	16.1	116.8
C	15.1	117.8
	13.5	119.4
	11.7	121.2
White	10.4	122.5

400' E

White	4.6	128.3
	5.9	127.0
	7.0	125.9
C	8.7	124.2
	9.9	123.0
	10.6	122.3
Soline	9.5	123.4

425' E

Soline	4.5	128.4
	4.6	128.6
	4.4	128.5
C	3.2	129.7
	1.4	131.5
	0.4	131.5
White	0.0	132.9
	450' E	
White	H.I.	
	145.51	
	7.3	138.2
	7.4	138.1
	7.8	137.7
C	9.2	136.3
	11.0	134.5
	12.2	133.8
Soline	13.6	131.9

475' E

Soline	9.8	135.7
	7.8	137.7
	5.7	139.8
C	5.0	140.5
	3.9	141.6
	3.6	141.9
White	2.9	142.6
	500' E	
White	H.I.	
	154.31	
	7.6	146.7
	8.5	145.8
	9.8	144.5
C	10.1	144.2
	11.3	143.0
	12.6	141.7
Soline	14.3	140.0



525' E

Soline	9.6	144.7
	8.5	145.8
	7.8	146.5
C	6.7	147.6
	5.7	148.6
	4.9	149.4
Nline	3.7	150.6

550' E

H.I.  
~~H.I. 16~~  
 163.33

Nline	8.4	154.9
	9.4	153.9
	10.5	152.8
C	11.3	152.0
	11.7	151.6
	13.0	150.3
Soline	14.3	149.0

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West line 26<sup>th</sup> Street

Soline	12.6	150.7
	11.3	152.0
	10.4	152.9
C	9.2	154.1
	8.3	155.0
	7.3	156.0
Nline	6.4	156.9

West cb

Nline	4.8	158.5
	5.7	157.6
	6.6	156.7
C	7.8	155.5
	8.5	154.8
	9.8	153.5
Soline	11.2	152.1

H.I. 175.11

8

West 1/4

Solins	9.0	154.3
	7.6	155.7
	7.1	156.2
C	6.0	157.3
	4.1	159.2
	3.6	159.7
White	2.6	160.7
Center		
White	0.2	163.1
	1.1	162.2
	2.9	160.4
C	4.1	159.2
	5.5	157.8
	6.3	157.0
Solins	7.2	156.1

E 1/4

Solins	17.1	158.0
	15.4	159.7
	13.7	161.4
C	12.6	162.5
	11.8	163.3
	9.8	165.3
White	8.9	166.2
E. 1/4		
White	9.0	166.1
	9.7	165.4
	11.0	164.1
C	11.4	163.7
	12.2	162.9
	13.9	161.2
Solins	15.2	159.1

East line 26<sup>th</sup>

Soline	13.0	162.1
	12.1	163.0
	10.8	164.3
C	9.4	165.3
	8.8	166.3
	7.7	167.4
Wline	7.0	168.1
	25' E	
Wline	2.3	172.8
	2.9	172.2
	3.5	171.6
C	4.3	170.8
	5.2	169.9
	6.2	168.9
Soline	6.2	168.9

50' E

Soline	3.6	171.5	
	3.2	171.9	
	1.9	173.2	
C	2.5	172.6	
	0.6	174.5	
	-0.2	175.31	
Wline	1.0	174.1	
	75' E		
Wline	H.I. 181.89	5.7	176.2
		6.9	175.0
		7.4	174.5
C		7.8	174.1
		8.2	173.7
		8.2	173.7
Soline		9.0	172.9

100' E

Nline	5.9	176.0
	5.1	176.8
	6.0	175.9
C	5.7	176.2
	6.5	175.4
	7.4	174.5
Soline	7.8	174.1

125' E

Soline	5.3	176.6
	6.7	175.2
	6.5	175.4
C	5.9	176.0
	5.8	176.1
	4.4	177.5
Nline	5.1	176.8

150' E

Nline	3.5	178.4
	5.1	176.8
	4.7	177.2
C	5.7	176.2
	6.0	175.9
	6.2	175.7
Soline	6.6	175.3

175' E

Soline	6.9	175.0
	6.0	175.9
	6.4	175.5
C	6.1	175.8
	5.9	176.0
	5.3	176.6
Nline	5.3	176.6

12 Lams.  
12 Munson  
55 Haaland

200' E

Soline	6.3	175.6
	6.7	175.2
	7.0	174.9
C	6.6	175.3
	6.6	175.3
	6.7	175.2
Mline	7.5	174.4
	9.90	166.12
T.P.	12.67	177.80
		225' E
Soline	5.1	172.7
Cl	6.0	171.8
"4	6.0	171.8
C	6.8	171.0
"4	7.4	170.4
Cl	8.0	169.8
Mline	8.1	169.7

B.M. 254H = 156.22

165.13

177.8°

11

250' E 26th

Soline	9.0	168.8
Cl	9.4	168.4
"4	10.6	167.2
C	11.5	166.3
"4	12.0	165.8
Cl	13.3	164.5
Mline	13.0	164.8
T.P.	11.68	167.52
	11.96	165.84
		275' E
Soline	2.1	165.4
Cl	2.9	164.6
"4	3.3	164.2
C	5.7	161.8
"4	6.6	160.9
Cl	7.0	160.5
Mline	7.5	160.0

167.52

300' E 26<sup>th</sup>

No line	11.5	156.0
Ch	10.2	157.3
"	9.0	158.5
C	9.4	158.1
"	8.5	159.5
Ch	6.8	160.7
No line	5.7	161.8

325' E

No line	8.3	159.2
Ch	8.7	158.8
"	9.8	157.7
C	12.0	155.5
"	11.4	156.1

350' E

No line		7.7	159.8
Ch		9.1	158.4
"		11.7	155.8
T.P	2.10	156.78	152.84

325' E

No Ch		3.0	153.8
No line		4.3	152.5

350' E

No line		7.3	149.5
No Ch		6.8	150.0
"		5.0	151.8
Ch		3.2	153.6

375' E

No line		0.8	156.0
Ch		2.5	154.3
"		4.2	152.6

51

156.75

375' E

CTR	5.9	150.9
"	8.5	148.3
Ch	9.6	147.2
No line	10.3	146.5

400' E

No line	6.3	150.5
Ch	6.7	150.1
"	7.8	149.0
C	9.5	147.3
"	11.8	145.0

425' E

No line	11.1	145.7
Ch	11.8	145.0
"	11.8	145.0
T.P	11.40	145.45
	12.73	144.05

145.45

13

400' E 26<sup>th</sup>

No H	0.6	144.8
Ch	2.3	143.1
No line	3.6	141.8

425' E

No line	7.6	137.8
Ch	5.9	139.5
"	4.0	141.4
C	1.9	143.5

450' E 26<sup>th</sup>

No line	5.1	140.3
Ch	4.5	140.9
"	4.7	140.7
C	6.2	139.2
"	7.6	137.8
Ch	10.7	134.7
No line	12.9	132.5

145.45

475 E 26<sup>th</sup>

No line		11.2	134.2
Cl.		10.6	134.8
"		11.4	134.0
Ch		12.1	133.3
T.P	102	134.24	121.23
"		2.7	131.5
Cl.		5.3	128.9
No line		7.5	126.7

500 E

No line		11.5	122.7
Cl.		10.4	123.8
"		7.9	126.3
C		6.0	128.2
"		5.3	128.9
Cl		6.9	127.3
No line		5.9	128.3

1342.4

525 E 26<sup>th</sup>

No line		10.2	124.0
Cl		11.5	122.8
"		11.8	122.4
C		12.0	122.2
"		12.1	122.1
Cl		13.0	121.2
T.P	109	122.32	13.01
No line		3.4	119.9

550 E 26<sup>th</sup>

No line		8.4	113.9
Cl		6.8	115.5
"		5.9	116.4
C		4.6	117.7
"		3.6	118.7
Cl		3.9	118.4
No line		1.1	121.2

14



12232

575' E 26<sup>th</sup>

No line	4.3	118.0
Cl	6.9	115.4
"4	8.8	113.5
C	10.1	112.2
"4	10.4	111.9
Cl	10.4	111.9
No line	11.3	111.0
T.P. 8.05	118.41	119.6
	587' E	
No line	10.0	108.4
Cl	8.3	110.1
"4	6.7	111.7
C	7.2	111.2
"4	6.5	111.9
Cl	5.7	112.7
No line	2.2	116.2

110.36

118.41

600' E = WL. 27<sup>th</sup>

15

No line	5.8	112.6
Cl	7.8	110.6
"4	7.8	110.6
C	8.4	110.0
"4	9.5	108.9
W.S. ch	10.5	107.9
Cl	9.4	109.0
No line	8.2	110.2
	W Cl 27 <sup>th</sup>	
No line	7.0	111.4
Cl	7.7	110.7
"4	9.2	109.2
7' No Ctr	10.9	107.5
Ctr	10.0	108.4
"4	9.1	109.3
Cl	8.6	109.8
No line	8.6	109.8

15

118.41  
27 1/4 27 1/4

No line	9.1	109.3
Cl	10.0	108.4
1/4	10.6	107.8
9'5" CTR	11.2	107.2
CTR	9.8	108.6
1/4	8.4	110.0
Cl	6.7	111.7
No line	5.6	112.8

CTR 27 1/4

No line	3.9	114.5
Cl	6.0	112.4
1/4	7.6	110.8
CTR	8.4	110.0
1/4	9.1	109.3
5' No of Cl	11.5	106.9
Cl	10.9	107.5
No line	10.1	108.3

118.41

E 1/4 27 1/4

16

No line	11.2	107.2
7' No of 50 line	11.8	106.6
Cl	10.6	107.8
1/4	8.5	109.9
C	7.6	110.8
1/4	6.9	111.5
Cl	4.4	114.0
No line	1.9	116.5

4' E 1/4

No line	1.1	117.3
Cl	3.6	114.8
1/4	6.0	112.4
C	7.5	110.9
1/4	8.5	109.9
Cl	10.0	108.4
No line	12.0	106.4

118.41

E. Cb 27<sup>th</sup>

Pol line	10.5	107.9
Cl	9.4	109.0
1/4	8.2	110.2
C	6.8	111.6
1/4	4.8	113.6
Cl	2.1	116.3
Pol line	+0.1	118.51

E line 27<sup>th</sup>

Pol line	9.7	108.7
Cl	8.1	110.3
1/4	6.9	111.5
C	5.2	113.2
1/4	2.7	115.7

25'E 27<sup>th</sup>

Pol line	4.9	113.5
Cl	2.6	115.8
1/4	0.2	118.2

17

T.P. 12.91 130.98 0.34 118.07

E line 27<sup>th</sup>

1/4 Cl	12.0	118.9
Pol line	on Hub 9.50	121.48

25'E 27<sup>th</sup>

Pol line	3.3	127.6
Cl	5.8	125.1
1/4	8.1	122.8
Cl	16.0	120.9

50'E 27<sup>th</sup>

Pol line	10.9	120.0
Cl	8.0	122.9
1/4	5.3	125.6
C	3.6	127.3
1/4	1.1	129.8

130.98  
75'E 27th

No line	4.8	126.1
Cl	2.1	128.8
T.P	11.83	141.78
	1.03	129.95

50'E 27th

No Cl	9.5	132.3
No line	7.6	134.2

75'E 27th

No line	1.7	140.1
Cl	3.7	138.1
'4	6.0	135.8
C	8.3	133.5
'4	10.5	131.3

100'E 27th

No line	8.1	133.7
Cl	6.0	135.8
'4	4.3	137.5

141.78  
100'E

Cl	2.7	139.1
T.P	12.44	153.31
'4	0.91	140.87
'4	12.4	140.9
Cl	9.8	143.5
No line	7.9	145.5

125'E

No line	2.4	150.9
Cl	3.6	149.7
'4	5.1	148.2
C	7.4	145.9
'4	9.9	143.4
Cl	11.9	141.4
No line	14.0	139.3

150'E

No line	7.9	145.4
Cl	6.2	147.1
'4	4.4	148.9

18

153.31

	150 E		
Chr	2.5	150.8	
	175 E		
No line	3.3	150.0	
Ch.	1.0	152.3	
T.P 12.27	165.44	0.14	153.17
	150 E 27 <sup>th</sup>		
No 4	12.3	153.1	
Ch.	10.6	154.8	
No line	8.6	156.8	
	175 E 27 <sup>th</sup>		
No line	4.3	161.1	
Ch.	4.8	160.6	
"4	6.2	159.2	
Chr	8.1	157.3	
"4	10.0	155.4	

	200 E 27 <sup>th</sup>		
No line	11.2	154.2	
Ch.	8.6	156.8	
"4	6.0	159.4	
C	4.0	161.4	
"4	2.6	162.8	
	225 E		
No line	8.7	156.7	
Ch.	5.7	159.7	
"4	2.8	162.6	
	250 E		
No line	7.4	158.0	
Ch.	4.5	160.9	
"4	1.7	163.7	
T.P	0.71	165.99	0.16
c			

165.28  
153.13

~~1/2/05 Hated  
 Haslam  
 Thomas  
 Moore~~

T.P. 0.71	165.99	165.28
	200 ft E of 27 <sup>th</sup>	
S.	11.9	154.1
cb.	8.7	
1/4	6.6	159.4
c	4.6	
1/4	3.4	162.6
T.P. 6.01	169.92	208 163.91
cb.	6.1	
N.	4.4	
	225' E	
N.	0.1	
cb.	1.9	
1/4	2.6	
c	4.5	
1/4	7.3	

	169.92	
cb.	9.9	
S	13.2	
	250' E	
S	11.9	
cb.	8.7	
1/4	6.1	
c	3.1	
1/4	1.6	
cb.	1.0	
N	+0.6	170.5
	260' E	
N	+0.8	170.7
cb.	0.6	
1/4	1.9	
c	3.6	
1/4	5.9	

169.92

cb.	9.5	
S.	11.8	
	275' E of 27 <sup>th</sup>	
S	11.7	
cb.	8.2	
1/4	6.8	
c	4.2	
1/4	1.2	
c	0.9	
N	+0.3	170.2
	300' E	
N	1.5	
cb.	2.1	
1/4	3.8	
c	6.1	
1/4	8.5	

- 25<sup>th</sup> U 76.8 wide -

169.92

cb.				11.2
S				13.7
T.P.	9.36	166.69	12.59	157.33
	325' E of 27 <sup>th</sup>			
S				11.7
cb.				10.0
1/4				8.5
c				6.6
1/4				4.3
cb.				1.7
N				0.6
	350' E			
N				5.5
cb.				7.0
1/4				8.7
c				10.0

	166.69		
1/4		11.9	
cb		12.3	
S		14.0	
T.P.	2.20 158.15	10.79	155.95
	375' E of 27 <sup>th</sup>		
S		8.5	
cb		7.3	
1/4		6.5	
C		5.5	
1/4		4.4	
cb		3.7	
N		2.3	
	400' E		
N		5.8	
cb		6.9	
1/4		7.8	

	158.15		
C		8.8	
1/4		9.4	
cb		10.9	
S		12.6	
T.P.	1.91 148.24	11.82	146.33
	425' E of 27 <sup>th</sup>		
S		8.3	
cb		6.1	
1/4		4.5	
C		3.5	
1/4		2.6	
cb		1.8	
N		0.7	
	450' E		
N		4.7	
cb		5.7	



198.24

1/4		6.5	
c		8.4	
1/2		9.5	
cb.		10.9	
s		13.6	
T.P.	301	138.53	12.72
			135.52
475' E of 27 <sup>th</sup>			
s		9.8	
cb.		8.0	
1/4		7.2	
c		5.6	
1/2		3.9	
cb.		2.1	
N		1.1	

138.53

500' E of 27<sup>th</sup>

N		7.4	
cb.		8.3	
1/4		9.5	
c		10.4	
1/2		11.5	
cb.		12.6	
T.P.	237	129.16	11.74
			126.79
s		5.7	
525' E of 27 <sup>th</sup>			
s		12.1	
cb.		9.7	
1/4		8.0	
c		7.0	
1/2		3.9	
cb.		4.4	

12916

N		2.9	
	550' E of 27 <sup>th</sup>		
N		11.3	
cb		11.4	
1/4		11.9	
c		13.2	
T.P.	1.01 118.35	11.79	117.37
1/4		4.3	
cb		3.8	
S		7.9	
	575' E		
S		13.6	
cb		12.6	
1/4		11.3	
c		10.6	
1/4		9.9	

118.38

cb		9.1
N		8.5
T.P.	0.97 111.77	7.61 110.77
	600' E of 27 <sup>th</sup> - W line 28 <sup>th</sup>	
N		6.0
cb		7.1
1/4		7.8
c		7.7
1/4		7.1
cb		7.1
S		8.8
	W cb. line 28 <sup>th</sup>	
S		9.7
cb		9.0
1/4		10.6
c		9.7

111.74

1/4	9.0
cb.	9.2
N.	7.0

W 1/4 line 28<sup>th</sup>

N	7.6
cb.	7.2
1/4	7.7
c	8.2
1/4	9.0
cb.	10.1
S	11.2

C - 28<sup>th</sup>

S	8.4
cb.	8.7
1/4	9.2
c	8.1

111.74

1/4	7.7
cb.	7.2
N.	6.2

E 1/4. 28<sup>th</sup>

N	6.7
cb.	7.7
1/4	8.2
c	8.5
1/4	7.6
cb.	7.0
S	6.9

E cb. 28<sup>th</sup>

S	6.2
cb.	6.1
1/4	6.4
c	6.8

111.74

1/4	6.9
cb.	6.6
N.	6.2

E line 28<sup>th</sup>

N	3.7
cb.	4.6
1/4	3.4
c	4.1
1/4	3.9
cb.	4.0

S	11.86	120.94	2.53	109.21	109.08
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25' E of 28<sup>th</sup>

S	6.8
cb.	8.0
1/4	8.7
c	8.8

N 10 E 28

120.94

1/4	9.3
cb.	9.5
N.	9.2

50' E of 28<sup>th</sup>

N	2.6
cb.	2.8
1/4	2.8
c	3.4
1/4	2.7
cb.	2.6

S	2.4
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TIP	11.44	130.71	1.67	119.27
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75' E

S	6.9
cb.	6.9
1/4	7.0

05

130.71

C	7.3
1/4	6.5
cb.	5.8
N	6.3

100' E

N	0.6
cb.	1.1
1/4	1.5
C	1.3
1/4	1.1
cb.	1.0
S	0.5

T.P. 12.04 142.63 0.12 130.59

125' E of 28<sup>th</sup>

S	6.4
cb.	6.5

27

142.63

1/4	6.6
C	6.8
1/4	6.9
cb.	7.3
N	7.0

150' E of 28<sup>th</sup>

N	0.0
cb.	+0.4
1/4	0.0
C	0.1
1/4	0.2
cb.	0.3
S	0.4

T.P. 12.63 153.69 1.57 141.06

153.69

175' E. of 28<sup>th</sup>

S	8.0
cb	7.7
1/4	7.2
C	6.7
1/4	6.7
cb.	6.7
N	6.8

200' E of 28<sup>th</sup> - W line 29<sup>th</sup> (Noite)

N	3.8
cb	4.3
1/2	5.0
C	5.5
1/4	5.8
cb.	6.5
S	7.2

153.69

W cb. 29<sup>th</sup> (Noite)

S	7.0
cb.	6.1
1/4	5.2
C	4.8
1/4	4.5
cb	3.7
N	2.9

W 1/4 29<sup>th</sup>

N	2.3
cb	3.2
1/4	4.0
C	4.4
1/4	5.2
d	6.0
S	6.6

28

153.69

Cr. 29<sup>th</sup> -

S	6.0
cb.	5.7
1/4	5.1
c	4.2
1/4	3.6
cb.	2.9
N	2.1
E 1/4 29 <sup>th</sup> -	
N	1.2
cb.	2.5
1/4	3.1
c	3.9
1/4	4.7
cb.	5.3
S	5.6

29

153.69

E cb. 29<sup>th</sup>

S	5.2
cb.	4.8
1/4	3.7
c	3.5
1/4	2.9
cb.	1.5
N	1.0

T.P. 4.39 157.62 0.46 153.23

E line 29<sup>th</sup> (Haiti)

N	4.5
cb.	5.4
1/4	6.4
c	6.9
1/4	7.2
cb.	7.3

157.62

S 9.25 148.37

25' E of 29<sup>th</sup>

S 5.6  
 cb. 7.6  
 1/4 7.1  
 e 6.6  
 1/4 6.1  
 cb. 5.0  
 N. 4.0

50' E of 29<sup>th</sup>

N. 3.4  
 cb. 4.5  
 1/4 5.5  
 c 6.4  
 1/4 6.9  
 cb. 7.5

SE Sub  
29<sup>th</sup>

157.62

S 5.8

75' E of 29<sup>th</sup>

S 9.0  
 cb. 7.7  
 1/4 7.5  
 c 6.6  
 1/4 6.2  
 cb. 5.6  
 N. 4.6

100' E

N. 6.2  
 cb. 7.4  
 1/4 8.3  
 c 9.0  
 1/4 9.7  
 cb. 10.6



157.62  
 S 11.3  
 T.P. 2.69 149.71 10.60 147.02  
 125' E of 25'  
 S. 8.1  
 cb. 6.7  
 1/4 5.8  
 c 4.9  
 1/4 4.0  
 cb. 3.0  
 N. 1.9  
 150' E  
 N. 4.0  
 cb. 6.5  
 1/4 7.8  
 c 9.6  
 1/4 11.2

149.71  
 cb. 12.3  
 S 14.3  
 T.P. 2.37 140.35 11.73 137.98  
 175' E of 29'<sup>40</sup>  
 S 11.5  
 cb. 9.6  
 1/4 7.9  
 c 5.7  
 1/4 3.9  
 cb. 1.3  
 N. 11.3 141.7  
 200' E of 29" W line 30"<sup>40</sup>  
 N. 1.5  
 cb. 4.8  
 1/4 8.1  
 c 10.7

		140.35		
1/4			12.8	
T.P.	3.60	132.90	12.55	125.80
cb.			6.8	
S			8.8	
	W cb.	30	<sup>14</sup>	
S			12.3	
cb.			9.9	
1/4			8.2	
c			6.4	
1/4			3.1	
cb.			+0.7	133.1
N.			+5.4	137.8
	W 1/4			
N.			+3.2	135.6
cb.			1.7	
1/4			5.8	

		132.90		
c			9.3	
1/4			11.8	
cb.			13.1	
S			16.5	
	Cr.	30	<sup>14</sup>	
N.			+0.3	132.7
cb.			5.1	
1/4			8.3	
c			11.8	
	E 1/4			
N.			3.4	
cb.			8.3	
N 1/4			11.1	
T.P.	4.54	12.719	9.75	122.65
	Cr.			
S 1/4			9.1	

127.19

cb.	11.1
S	13.2
E 1/4	30 <sup>th</sup>
S	15.1
cb.	13.5
1/4	11.2
C	8.5
E cb.	
N.	1.8
cb.	6.2
1/4	8.6
C	10.5
1/4	12.9
E line	
N.	5.8
cb.	8.9

127.19

1/4	10.7			
C	12.9			
T.P.	1.61	118.10	10.70	116.49
E cb.	30 <sup>th</sup>			
S cb.	5.6			
S	7.7			
E line				
S	9.09	109.01		
cb.	7.0			
1/4	5.0			
25' E of				

SE 1/4  
old 29<sup>th</sup>

1/9/06 Hatch  
 Haslam H ST. (corrected)  
 Evans  
 Thomas.

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Bm 7.56 179.62 172.06

179.62

E line 26<sup>m</sup> S.

75' E

S.	10.9	168.7
cb.	11.1	168.5
1/4	10.1	169.5
c	8.9	170.7
1/4	8.2	171.4
cb.	7.5	172.1
N	6.8	172.8

S.	6.8	172.8
cb.	5.9	173.7
1/4	6.0	173.6
c	5.5	174.1
1/4	5.2	174.4
cb.	4.7	174.9
N	3.3	176.3

50' E

100' E

N	5.6	174.0
cb.	4.8	174.8
1/4	5.7	173.9
c	7.1	172.5
1/4	6.5	173.1
cb.	7.9	171.7
S	8.2	171.4

N	3.2	176.4
cb.	2.9	176.7
1/4	3.7	175.9
c	3.8	175.8
1/4	4.4	175.2
c	5.2	174.4
S	5.6	174.0

	179.62	
	125' E of 26 <sup>th</sup>	
S	3.5	176.1
cb	4.2	175.4
1/4	4.2	175.4
c	3.3	176.3
1/2	2.7	176.9
cb	2.0	177.6
N	2.9	176.7
	150' E	
N	1.3	178.3
cb	2.5	177.1
1/2	2.2	177.4
c	3.3	179.3
1/4	3.7	175.9
cb	4.1	175.5
S	4.3	175.3

	179.62	
	175' E of 26 <sup>th</sup>	
S	4.7	174.9
cb	4.4	175.2
1/2	4.1	175.5
c	3.9	175.7
1/2	3.6	176.0
cb	3.1	176.5
N	2.9	176.7
	200' E of 26 <sup>th</sup>	
N	5.0	174.6
cb	4.5	175.1
1/2	4.6	175.0
c	4.4	175.2
1/2	4.8	174.8
cb	4.4	175.2
S	4.0	175.6

17962  
225' E of 26<sup>th</sup>

S	6.9	172.7
cb.	7.8	171.8
1/4	7.9	171.7
c	8.9	170.7
1/2	9.3	170.3
cb.	9.8	169.8
N	9.8	169.8

T.P. 296 169.81 1277 166.85

250' E

N	3.0	164.8
cb.	3.0	164.8
1/4	4.2	165.6
c	3.5	166.9
1/4	2.8	167.0
cb.	1.5	168.3

169.51

S	1.2	168.6
		0
275' E of 26 <sup>th</sup>		
S	4.7	165.1
cb.	5.0	164.8
1/4	5.8	164.0
c	8.1	161.7
1/4	8.9	160.9
cb.	9.3	160.5
N	9.7	160.1

300' E

N	13.6	156.2
cb.	12.7	157.1
1/4	11.4	158.4
c	11.7	158.1
1/4	10.5	159.3
cb.	9.2	160.6

	169.81			
S.		8.9	161.4	1/4
	325' E of 26 <sup>th</sup>			cb.
S.		10.8	159.0	N
cb.		11.1	158.7	
1/4		12.6	157.2	N.
	350' E			cb.
S		10.0	159.8	1/4
cb.		11.6	158.2	C
T.P.	0.37	157.66	12.49	157.32
1/4		2.2	155.5	cb.
C		4.3	153.4	S
1/2		6.1	151.6	
cb.		7.8	149.9	S
N.		8.2	149.5	cb.
	325' E.			1/4
C		2.0	155.7	c

	157.66			
		1.1		156.6
		4.1		153.6
		5.1		152.6
	375' E of 26 <sup>th</sup>			
		11.3		146.4
		10.6		147.1
		9.7		148.0
		7.2		150.5
		5.3		152.4
		3.8		153.9
		2.1		155.6
	400' E			
		7.2		150.5
		7.9		149.8
		8.6		149.1
		10.9		146.8

	15766			
1/4		13.0	144.7	
T.P.	193	146.72	1237	145.29
cb.		4.1	142.6	
N		4.9	141.8	
	425' E of 26 <sup>th</sup>			
N		9.2	137.5	
cb.		7.8	138.9	
1/4		3.5	141.2	
C		3.7	143.0	
1/4		2.0	144.7	
cb.		2.0	144.7	
S		1.1	145.6	
	750' E			
S		6.4	140.3	
cb.		6.2	140.5	
1/4		6.9	139.8	

$$\begin{array}{r} 253 \\ 133.20 \\ \hline 133.22 \end{array}$$
 check T.P.

	14672			
		7.8	138.9	
1/4		9.5	137.2	
cb.		12.7	134.0	
T.P.	0.17	135.73	11.16	135.56
N		3.5	132.2	
	475' E of 26 <sup>th</sup>			
N		9.4	126.3	
cb.		7.3	128.4	
1/4		4.4	131.3	
C		2.9	132.8	
1/4		2.4	133.3	
cb.		1.4	134.3	
S		1.8	133.9	
	500' E			
S		7.9	127.8	
cb.		8.5	127.2	



	135.73		
1/4		7.1	128.6
c		8.3	127.4
1/4		10.2	125.5
cb		12.3	123.4
N		14.4	121.3
T.P.	0.27	124.69	11.31
			129.42
	525' E of 26 <sup>th</sup>		
N		6.7	118.0
cb		3.6	121.1
1/4		2.8	121.9
c		2.7	122.0
1/4		3.0	121.7
cb		2.4	122.3
S		1.2	123.5

	124.69		
	550' E of 26 <sup>th</sup>		
		4.6	120.1
		6.9	117.8
		6.4	118.3
		7.5	117.2
		8.0	116.7
		10.0	114.7
		11.0	113.7
	575' E of 26 <sup>th</sup>		
		7.3	117.4
		10.1	114.6
		11.7	113.0
		13.0	111.7
		12.8	111.9
		13.3	111.4
		14.3	110.4

Note - 27<sup>th</sup> St is 60' wide

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124.69

T.P. 679 118.57 12.91 111.78

590' E of 26<sup>th</sup>

N.	9.3	109.3
cb	9.5	109.1
1/4	7.8	110.8
c	7.7	110.9
1/4	7.6	111.0
cb.	7.0	111.6
s	5.3	113.3

601' E of 26<sup>th</sup> W line 27<sup>th</sup>

s	7.5	111.1
cb	8.3	110.3
1/4	8.6	110.0
c	9.3	109.3
1/4	10.5	108.1
cb.	9.2	109.4

118.57

N	7.9	110.7
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W cb. 27<sup>th</sup>

N.	6.9	111.7
cb.	7.8	110.8
1/4	8.8	109.8
c	11.0	107.6
1/4	10.1	108.5
cb.	9.4	109.2
s	9.1	109.5

W 1/4 27<sup>th</sup>

s.	9.9	108.7
cb.	10.7	107.9
1/4	11.6	107.0
c	9.6	109.0
1/4	8.3	110.3
cb.	6.6	112.0
✓	5.4	113.2

01

118.57  
Cr. 27<sup>th</sup>

N	3.3	115.3
cb.	5.4	113.2
1/4	7.4	111.2
4	8.3	110.3
1/4	8.8	109.8
cb.	11.4	107.2
S	11.0	107.6

E 1/4 27<sup>th</sup>

S	12.3	106.3
cb.	10.3	108.3
1/4	8.4	110.2
C	7.6	111.0
1/4	6.1	112.5
cb.	3.9	114.7
N.	0.9	117.7

B.M. S.E. cor. 27<sup>th</sup> on brown stick  
Elev. 108.59

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118.57  
E. Cor. 27<sup>th</sup>

N.	+1.0	119.6	119.6
cb.	1.2		117.4
1/4	3.8		114.8
C	6.4		112.2
1/4	8.0		110.6
cb.	9.3		109.3
S.	10.0		108.6

E line 27<sup>th</sup>

S	9.5		109.1	
cb.	7.5		111.1	
1/4	5.8		112.8	
C	4.1		114.5	
1/4	1.4		117.2	
T.P.	7.81	125.44	0.94	117.63
cb.			5.6	119.8

		125.99		
N.		3.2	122.2	
	25' E of 27 <sup>th</sup>			
S		11.2	114.2	
cb.		7.6	116.8	
1/4		6.3	119.1	
C		3.6	121.8	
1/4		1.0	124.4	
	50' E			
S		4.2	121.2	
cb.		1.5	123.9	
T.P.	11.00	135.99	0.45	124.99
1/4		9.9	126.1	
C		7.6	128.4	
1/4		5.2	130.8	
cb.		3.0	133.0	
N.		0.9	135.1	

		135.99						
	25' E of 27 <sup>th</sup>							
N. cb.		9.6	126.4					
N.		7.1	128.9					
	75' E							
S		8.7	127.3					
cb.		6.1	129.9					
1/4		3.3	134.7					
C		1.3	134.7					
T.P.	12.97	146.57	23.9	133.60				
1/4		9.9	136.7					
cb.		7.9	139.2					
N.		5.3	141.3					
	100' E							
N		1.1	146.5					
cb.		2.9	144.2					
1/4		4.8	141.8					

54

		146.57		
c		6.6		140.0
1/4		8.3		138.3
cb		9.9		136.7
S		11.6		135.0
	125' E of 27 <sup>th</sup>			
S		6.3		140.3
cb		4.3		142.3
1/4		2.4		144.2
T.P.	1269	15646	2.80	143.77
c		9.7		146.8
1/4		7.5		149.0
cb		6.1		150.4
N		4.9		151.6

43

		15696		
	150' E of 27 <sup>th</sup>			
N		+1.6		158.1
cb		0.9		155.6
1/4		2.5		154.0
c		4.7		151.8
1/4		6.5		150.0
cb		8.6		147.9
S		10.5		146.0
	175' E			
S		5.5		151.0
cb		3.1		153.4
1/4		0.5		156.0
T.P.	11.58	167.37	0.67	155.79
c		9.7		158.0
1/4		7.6		159.8
cb		6.4		161.0
N		5.3		162.1

167.37  
200' E of 27<sup>th</sup>

N.	1.2	166.2
cb.	2.4	165.0
1/4	3.9	163.5
c	5.3	162.1
1/4	7.3	160.1
cb.	9.9	157.5
S	12.7	154.7

225' E

S	10.3	157.1
cb.	7.5	159.9
1/4	4.5	162.9
c	1.2	166.2

T.P. 571 171.38 17.0 165.67

1/4	3.5	167.9
cb.	2.8	168.6

171.38  
250' E of 27<sup>th</sup>

N.	1.5	169.9
N.	0.8	170.6
cb.	1.8	169.6
1/4	3.3	168.1
c	4.1	167.3
1/4	7.2	164.2
cb.	10.4	161.0
S	12.9	158.5

275' E -

S	13.2	158.2
cb.	10.0	161.4
1/4	8.2	163.2
c	5.3	166.1
1/4	2.6	168.8
cb.	2.2	169.2
N	1.2	170.2

623  
165.15      165.25

171.38

300' E of 27<sup>th</sup>

N.	3.2	168.2
cb.	3.3	168.1
1/4	5.1	166.3
c	7.6	163.8
1/4	10.3	161.1
cb	13.1	158.3
S	13.0	156.4

325' E

N	5.4	166.0
cb.	6.1	165.3
1/4	8.6	162.8
c	11.3	160.1
1/4	13.3	158.1

350' E

N.	10.6	160.8
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171.38

45

cb.		11.6	159.8	
T.P.	0.28	160.32	11.34	160.04
1/4		2.5	157.8	
c		4.1	156.2	
1/4		5.5	154.8	
cb.		6.3	154.0	
S		7.7	152.6	

325' E - of 27<sup>th</sup>

S.	5.5	154.8
cb.	4.1	156.3

375' E

S	10.9	149.4
cb	9.9	150.4
1/4	9.0	151.3
c	8.0	152.3
1/4	7.0	153.3

	160.32		
cb.		5.7	154.6
N.		4.7	155.6
	400' E of 27 <sup>th</sup>		
N		8.5	151.8
cb.		8.9	151.4
1/4		9.9	150.4
c		10.9	149.4
1/4		11.9	148.4
T.P.	0.53 149.80	11.05	149.27
cb.		3.3	146.5
S		4.5	145.3
	425' E		
S		10.1	139.7
cb.		8.3	141.5
1/4		6.5	143.3
c		5.4	144.4

	149.80		
1/4		4.6	145.2
cb.		3.7	146.1
N.		2.5	147.3
	450' E of 27 <sup>th</sup>		
N.		7.3	142.5
cb.		7.3	142.5
1/4		8.4	141.4
c		10.3	139.5
1/4		11.8	138.0
cb.		13.4	136.4
T.P.	1.35 138.91	12.24	137.36
S		4.8	134.1
	475' E		
S		10.5	128.4
cb.		9.0	129.9
1/4		8.0	130.9



138.91

c	6.2	132.7
1/4	4.6	134.3
cb.	3.2	135.7
N.	2.1	136.8

500' E of 27<sup>th</sup>

N.	8.5	130.4
cb.	8.9	130.0
1/4	10.3	128.6
c	11.4	127.5
1/4	12.6	126.3

T.P. 4.51 130.64 127.8 126.13

cb.	5.4	125.2
S	7.7	122.9

525' E

S	14.1	116.5
cb.	12.0	118.6

130.64

1/4	10.2	120.4
c	8.8	121.8
1/4	7.5	123.1
cb.	5.6	125.0
N.	5.0	125.6

T.P. 0.01 118.72 119.3 118.71

550' E of 27<sup>th</sup>

N.	1.8	116.9
cb.	1.8	116.9

1/4	1.9	116.8
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c	3.5	115.2
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1/4	5.3	113.4
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cb.	7.3	111.4
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S	9.0	109.7
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T.P. 3.68 111.99 129.1 106.31

111.99

575' E of 27<sup>th</sup>

S	7.7	104.3
cb.	6.7	105.3
1/4	6.8	106.2
c	5.0	107.0
1/4	4.2	107.8
cb	3.6	108.4
N	3.0	109.0

601 1/2' E of 27<sup>th</sup> - W line 28<sup>th</sup>

N	7.1	104.9
cb.	7.5	104.5
1/4	8.3	103.7
2	8.2	103.8
1/4	7.9	104.1
cb	8.0	104.0
S	9.2	102.8

Note - 28<sup>th</sup> is { 72 1/2 South line  
73 1/2 North " 48

Notes taken for  
12' curbs and  
12' quarters -

111.99

- 6' E of West Line - 28<sup>th</sup>

S	9.6	102.4
cb.	8.6	103.4
1/4	11.2	100.8
c	10.6	101.4
1/4	10.4	101.6
cb	10.0	102.0
N	7.3	104.7

W. cb. 28<sup>th</sup>

N.	8.6	103.4
cb	8.6	103.4
1/4	8.5	103.5
c	8.9	103.1
1/4	10.8	101.2
cb	9.6	102.4
S	11.4	100.6

111.99

	W 1/4	28 <sup>th</sup>	
S		10.0	102.0
cb.		9.7	102.3
1/4		9.4	102.6
c		8.6	103.4
1/4		8.1	103.9
cb.		7.5	104.5
N		7.3	104.7

cr. 28<sup>th</sup>

N		7.1	104.9
cb.		7.5	104.5
1/4		8.0	104.0
c		8.7	103.3
1/4		9.0	103.0
cb.		8.8	103.2
S		8.2	103.8

111.99

	E 1/4	28 <sup>th</sup>	
S		7.1	104.9
cb.		7.0	105.0
1/4		7.5	104.5
c		8.5	103.5
1/4		8.6	103.4
cb.		8.0	104.0
N		7.3	104.7

E cb. 28<sup>th</sup>

N		6.0	106.0
cb.		6.9	105.6
1/4		6.7	105.3
c		6.5	105.5
1/4		6.6	105.4
cb.		6.3	105.7
S		6.2	105.8

292  
 10907 chub.  
 10905 Bm SE. Sub  
 28<sup>th</sup> St.

710 116.18 10905  
 E line of 28<sup>th</sup> (Pueblo line)

S	7.1	109.1
cb	8.3	107.9
1/4	8.8	107.4
c	8.9	107.3
1/4	8.2	108.0
cb	9.1	107.1
N	8.3	107.9

25' E of 28<sup>th</sup>

N	4.5	111.7
cb	4.6	111.6
1/4	4.7	111.5
c	4.2	112.0
1/4	4.2	112.0
cb	3.7	112.5
S	1.8	114.4

110/6  
 Hatch  
 Harlan  
 Thomas

Bm. 1179 120.86 10905

50' E of 28<sup>th</sup>

S	2.4	118.5
cb	2.6	118.3
1/4	2.3	118.6
c	3.2	117.7
1/4	2.7	118.2
cb	2.7	118.2
N	2.5	118.4

T.P. 12.84 133.07 0.63 120.23

75' E.

N	8.7	124.4
cb	8.3	124.8
1/4	8.9	124.2
c	9.6	123.5
1/4	9.3	123.8
cb	8.7	124.4
S	8.8	124.3

133.07  
100' E of 28<sup>th</sup>

S	2.9	130.7
cb	3.2	129.9
1/4	3.4	129.7
c	3.8	129.3
1/4	3.9	129.2
cb	3.6	129.5
N	3.0	130.1

T.P. 12.39 144.46 1.00 132.07  
125' E

N	8.8	135.7
cb	8.9	135.6
1/4	8.3	136.2
c	8.4	136.1
1/4	8.3	136.2
cb	8.2	136.3
S	8.2	136.3

144.96  
150' E of 28<sup>th</sup>

N	1.9	142.6
cb	0.9	143.6
1/4	1.6	142.9
c	1.9	142.6
1/4	2.0	142.5
cb	1.8	142.7
S	2.2	142.3

T.P. 11.01 154.95 0.52 143.74  
175' E

N	7.0	147.9
cb	8.1	146.8
1/4	8.2	146.7
c	8.1	146.8
1/4	8.6	146.3
cb	9.0	145.9
S	9.3	145.6

Note - 29<sup>th</sup> St. of Hoits Addt.  
is 80' wide.

157.95

200' E of 28<sup>th</sup> - W line 29<sup>th</sup>

S	8.5	146.5
cb	5.0	147.0
1/4	7.3	147.7
c	6.8	148.2
1/4	6.0	149.0
cb	5.6	149.4
N	5.0	150.0

W cb. 29.

N.	4.1	150.9
cb.	4.8	150.2
1/4	5.6	149.4
c	6.2	148.8
1/4	6.7	148.3
cb.	7.6	147.4
S	8.3	146.7

52

157.95

W 1/4 29<sup>th</sup>

S	7.9	147.1
cb.	7.4	147.6
1/4	6.6	148.4
c	5.6	149.4
1/4	5.1	149.9
cb.	4.5	150.5
N.	3.6	151.4

Cr. 29<sup>th</sup>

N.	3.4	151.6
cb.	3.9	151.1
1/4	4.7	150.3
c	5.6	149.4
1/4	6.5	148.5
cb.	7.0	148.0
S.	7.3	147.7

154.95

E 1/4 29<sup>th</sup>

S	6.9	148.1
cb.	6.6	148.4
1/4	6.1	148.9
c	5.1	149.9
1/4	4.6	150.4
cb.	3.1	151.9
N	2.7	152.6

E cb 29<sup>th</sup>

N	2.4	152.6
cb.	2.6	152.4
1/4	4.0	151.0
c	5.0	150.0
1/4	5.1	149.9
cb.	6.2	148.8
S	6.7	148.6

154.95

E line 29<sup>th</sup>

S	6.60	check 148.35 148.37
cb.	5.9	149.1
1/4	4.7	150.3
c	4.2	150.8
1/4	3.7	151.3
cb.	2.3	152.7
N	1.8	153.2

25'E of 29<sup>th</sup>

N	1.7	153.6
cb.	2.2	152.8
1/4	3.3	151.7
c	3.9	151.1
1/4	4.6	150.4
cb.	5.0	150.0
S	5.9	149.1

154.95  
50' E of 29<sup>th</sup>

S	6.1	148.9
cb.	5.3	149.7
1/4	4.4	150.6
c	3.7	151.3
1/4	2.8	152.2
cb.	1.6	153.4
N	0.8	154.2

75' E of 29<sup>th</sup>

N	2.0	153.0
cb.	2.7	152.3
1/4	3.5	151.5
c	3.9	151.1
1/4	5.0	150.0
cb.	5.3	149.7
S	6.4	148.6

154.95  
100' E of 29<sup>th</sup>

S	8.7	146.3
cb.	8.1	146.9
1/4	7.2	147.8
c	6.4	148.6
1/4	5.4	149.6
cb.	4.3	150.7
N	3.6	151.4

125' E of 29<sup>th</sup>

N	6.6	148.4
cb.	7.8	147.2
1/4	9.1	145.9
c	9.9	145.1
1/4	11.0	144.0
cb.	12.5	142.5
S	13.4	141.6

T.P. 3.02 14535 12.62 142.33



Note - 30<sup>th</sup> St. is 80' wide -

145.35

150' E of 29<sup>th</sup>

S	9.8	135.6
cb.	8.4	137.0
1/4	6.8	138.6
C	5.2	140.2
1/4	3.2	142.2
cb.	1.5	143.9
N	40.4	145.8

175' E of 29<sup>th</sup>

N	3.6	141.8
cb.	4.6	140.8
1/4	8.4	137.0
C	10.3	135.1
1/4	12.1	133.3

200' E of 29<sup>th</sup> - W line 30<sup>th</sup>

N.	6.4	139.0
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55

145.35

cb.	9.5	135.9
1/4	13.2	132.2
W cb.	30 <sup>th</sup>	
N.	7.7	137.7
cb.	12.0	133.4
W 1/4	30 <sup>th</sup>	
N.	10.1	135.3
T.P.	0.13	133.08
	12.40	132.95

175' E of 29<sup>th</sup>

S cb.	2.8	130.3
S.	4.4	128.7

200' E of 29<sup>th</sup> - W. line 30<sup>th</sup>

S	9.5	123.6
cb.	8.1	125.0
1/4	6.0	127.1
C	3.7	129.4

133.08

W Cb. 30<sup>th</sup>

N 1/4	4.1	129.0
c	7.4	125.7
1/4	9.3	123.5
cb.	11.1	122.0
s	13.0	120.1

W 1/4 30<sup>th</sup>

N cb.	2.0	131.1
1/4	6.0	127.1
c	7.9	123.2
1/4	12.5	120.6

Cr. 30<sup>th</sup>

N.	1.1	137.0
cb.	3.3	127.8
1/4	9.0	124.1
c	12.6	120.5

133.08

E 1/4 30<sup>th</sup>

N.	7.8	128.3
cb.	8.3	124.8
1/4	11.7	121.4

E Cb. 30<sup>th</sup>

N	8.2	124.9
cb.	11.7	121.4

T.P. 0.26 120.34 13.00 120.08

W 1/4 30<sup>th</sup>

S cb.	1.5	118.8
S	3.5	116.8

Cr. 30<sup>th</sup>

S 1/4	2.5	117.8
cb.	4.5	115.5
S	6.4	113.9

BM SE. cor. 30<sup>th</sup> St Elev. 109.09  
2 Streets East 29<sup>th</sup>

120.34  
E 1/4 30<sup>th</sup>

c	1.7	118.6
1/4	4.7	115.6
cb	7.0	113.3
S	8.4	111.9

E cb. 30<sup>th</sup>

1/4	1.5	118.8
c	3.8	116.5
1/4	6.2	114.1
cb	8.2	112.1
S	9.9	110.4

E line 30<sup>th</sup> St

N.	+0.4	120.7
cb	1.8	118.5
1/4	3.8	116.2
c	6.0	114.3

120.34

1/4	7.6	112.7
cb	9.7	110.6
S	6.3	115.14
	11.33	109.01
	109.01	109.01

25' E of 30<sup>th</sup>

S	8.6	106.5
cb	7.0	108.1
1/4	5.5	109.6
c	2.2	110.9
1/4	2.9	112.2
cb	1.6	113.5
N	0.2	114.9

50' E of 30<sup>th</sup>

N.	4.0	111.1
cb	5.1	110.0
1/4	6.3	108.8
c	7.0	108.1

115.14

1/4	8.0	107.1
cb.	9.1	106.0
S	9.9	105.2

75' E

S	9.9	105.2
cb.	10.5	104.6
1/4	9.8	105.3
c	8.8	106.3
1/4	8.2	106.9
cb.	7.7	107.4
N.	6.9	108.2

100' E of 30<sup>th</sup>

N	8.2	106.9
cb.	8.2	106.9
1/4	8.4	106.7
c	7.6	106.5

115.14

1/4	8.6	106.5
cb.	7.2	107.9
S	6.9	108.2

125' E of 30<sup>th</sup>

S	2.7	112.4
cb.	3.3	111.8
1/4	5.2	109.9
c	6.7	108.4
1/4	6.3	108.8
cb.	5.3	109.8
N.	5.7	109.4

150' E of 30<sup>th</sup>

N	2.7	112.4
cb.	3.7	111.4
1/4	1.4	113.7
c	+0.1	115.3

115.14

T.P.	1299	126.55	10.8	114.06
1/4			10.4	116.2
cb			9.9	116.7
S			9.8	116.8

175' E of 30<sup>th</sup>

S.			5.4	121.2
cb			7.0	119.6
1/4			8.3	118.3
c			9.0	117.6
1/4			9.1	117.5
cb			10.1	116.5
N.			10.8	115.8

200' E of 30<sup>th</sup> - W line 31<sup>st</sup>

N.			7.3	119.3
cb			6.6	120.0
1/4			4.7	121.9

126.55

c				4.7	121.9
1/4				3.6	123.0
cb				2.4	124.2
S	11.37	135.99	19.3	124.62	SW Hub 31 <sup>st</sup>
	W	cb: 31 <sup>st</sup>	et		

S				9.1	126.9
cb				9.7	126.3
1/4				11.0	125.0
c				12.5	123.5
1/4				12.9	123.1
cb				14.6	121.4
N.				15.0	121.0

W 1/4 31<sup>st</sup>

N.				13.0	123.0
cb				12.2	123.8
1/4				10.9	125.1

Note - 31<sup>st</sup> 13 80' wide -

135.99

C	9.9	126.1
1/4	8.7	127.3
cb.	7.5	128.5
S	6.6	129.4

Cr. 31<sup>st</sup>

S	4.0	132.0
cb.	4.3	131.7
1/4	6.6	129.4
C	7.9	128.7
1/4	7.9	128.1
cb.	8.7	127.3
N	10.5	125.5

E 1/4 31<sup>st</sup>

N	8.0	128.0
cb.	6.8	128.2
1/4	6.0	131.0

60

135.99

C	4.7	131.3
1/4	3.9	132.8
cb.	3.1	132.9
S	2.4	133.6

E cb 31<sup>st</sup>

S	0.2	135.8
cb.	0.4	135.6
1/4	0.9	135.1
C	1.5	134.5
1/4	3.2	132.8
cb.	4.7	131.3
N	5.6	130.4

E line 31<sup>st</sup>

N	2.7	133.3
cb.	1.0	135.5
T.P.	12.66	147.18
	1.47	134.52

	147.18		
1/4	10.5	136.7	
c	10.1	137.1	
1/4	9.8	137.4	
cb.	8.9	138.3	
S	8.79	138.39	

25' E of 31<sup>st</sup>

S	5.6	141.6	
cb.	5.4	141.8	
1/4	5.3	141.9	
c	4.9	143.3	
1/4	5.5	141.7	
cb.	6.6	140.6	
N.	7.9	139.3	

50' E of 31<sup>st</sup>

N	4.0	143.0	
cb.	3.4	143.8	

	147.18		
1/4	2.9	144.3	
c	2.2	145.0	
1/4	2.2	145.0	
cb.	2.1	145.1	
S	2.0	145.2	
T.P.	12.29	158.15	12.7
			145.91
	75' E of 31 <sup>st</sup>		
S	10.4	147.8	
cb.	10.0	148.2	
1/4	10.2	149.0	
c	11.2	147.0	
1/4	11.6	146.6	
cb.	12.4	145.8	
N.	12.6	145.6	

158.15  
100' E of 31<sup>st</sup>

N	10.8	147.4
cb.	10.0	148.2
1/4	8.7	149.5
c	8.2	150.0
1/4	8.1	150.1
cb.	8.0	150.2
S	7.3	150.9

125' E of 31<sup>st</sup>

S	4.4	153.8
cb.	4.7	153.5
1/4	5.1	153.1
c	5.6	152.6
1/4	5.8	152.4
cb.	7.3	150.9
N	8.2	150.0

158.15  
150' E of 31<sup>st</sup>

N	6.0	152.2
cb.	4.7	153.5
1/4	4.2	154.0
c	3.5	154.7
1/2	3.1	155.1
cb.	3.1	155.1
S	2.7	155.5

175' E of 31<sup>st</sup>

S	0.6	159.6
cb.	0.9	157.3
1/4	1.5	156.7
c	2.0	156.2
1/4	2.6	155.6
d.	3.6	154.6
N	4.6	153.6



		158.15		
	200' E of	31 <sup>d</sup>	- W line	32 <sup>d</sup>
N		26.3		NW Hill 158.6
cb		2.3		155.9
1/4		1.3		156.9
c		0.7		157.5
T.P.	7.89	164.99	10.5	157.10
1/4		6.6		158.4
cb		6.2		158.8
S		5.9		159.1
BM		7.75	157.24	

Levels on ~~26<sup>th</sup>~~ 26<sup>th</sup>  
to 32<sup>nd</sup>

Jan 30 1906

Childs  
Hawkins  
Taylor.

# D ST.

26th St to 32nd St.  
H.I. Elev.

J.P. 5.20 193.54 Rod 188.34 B.M.

East line 26<sup>th</sup>

n. line 3.9 189.6

c 4.0 189.5

So. line 4.3 189.2

J.P. 6.25 187.62 12.17 181.37

30' E

c 0.1 187.5

50' E

So. line 7.4 180.2

c 7.5 180.1

n. line 7.4 180.2

J.P. 0.64 175.48 12.78 174.84

100' E

n. line 2.8 172.7

c 3.2 172.3

So. line 3.5 172.0

150' E

So. line 10.7 164.8

c 11.1 164.4

n. line 10.4 165.1

J.P. 1.41 164.56 12.33 163.15

200' E

n. line 6.7 157.9

c 7.2 157.4

So. line 7.4 157.2

232' E

n. line 10.8 153.8

J.P. 5.51 157.26 12.81 157.75

250' E

So. line 6.6 150.7

c 6.8 150.5

n. line 8.1 149.2

	265' E				400' E			
n. line	11.4	145.9	n. line	-0.4			169.6	
	274' E		c	1.1			168.1	
c	12.3	145.0	So. line	3.3			165.9	
	286' E		J.P.	12.80	181.63	0.32	168.83	
So. line	13.0	144.3			450' E			
	300' E		So. line	6.7			174.9	
n. line	3.5	153.8	c	2.8			178.8	
c	6.2	151.1	n. line	2.3			179.3	
So. line	9.6	147.7	J.P.	13.13	194.02	0.74	180.89	
J.P.	12.34	169.15	0.45	156.81				
	350' E		n. line	6.7			187.3	
So. line	13.8	155.4	c	9.6			184.4	
c	12.5	156.7	So. line	12.5			181.5	
n. line	9.0	160.2			550' E			
	386' E		So. line	8.2			185.8	
So. line	8.6	160.6	c	2.7			191.3	

W. line 27<sup>th</sup>

So. line	4.3	189.7
----------	-----	-------

J.P. 12.60 206.27 0.30 193.67

550' East 26<sup>th</sup>

N. line	10.1	196.2
---------	------	-------

W. line 27<sup>th</sup>

c	10.5	195.8
---	------	-------

N. line	6.7	199.6
---------	-----	-------

Center 27<sup>th</sup>

N. line	6.0	200.3
---------	-----	-------

c	8.9	197.4
---	-----	-------

So. line	12.6	193.7
----------	------	-------

East line 27<sup>th</sup>

So. line	10.0	196.3
----------	------	-------

c	7.2	199.1
---	-----	-------

N. line	4.7	201.6
---------	-----	-------

50' E

N. line	3.0	203.3
---------	-----	-------

c	4.7	201.6
---	-----	-------

So. line	5.9	200.4
----------	-----	-------

100' E

So. line	4.0	202.3
----------	-----	-------

c	3.1	203.2
---	-----	-------

N. line	2.0	204.3
---------	-----	-------

150' E

N. line	3.7	202.6
---------	-----	-------

c	4.9	201.4
---	-----	-------

So. line	5.2	201.1
----------	-----	-------

200' E

So. line	10.6	195.7
----------	------	-------

c	9.9	196.4
---	-----	-------

N. line	8.5	197.8
---------	-----	-------

		250' E		
n. line		12.4	193.9	
J.P.	0.46	193.95	12.78	193.49
		250' E		
c		3.3	190.6	
So. line		4.8	189.1	
		300' E		
So. line		11.9	182.0	
c		7.6	186.3	
n. line		3.1	190.8	
		350' E		
n. line		6.6	187.3	
c		12.2	181.7	
		400' E		
n. line		11.5	182.4	
J.P.	0.61	181.89	12.67	181.28

		350' E		
So. line		7.9	174.0	
		400' E		
So. line		15.6	166.3	
c		5.4	176.5	
		450' E		
n. line		8.2	173.7	
J.P.	0.0	169.44	12.45	169.44
		450' E		
c		2.2	167.2	
So. line		10.9	158.5	
		500' E		
n. line		7.8	161.6	
J.P.	0.30	156.90	12.84	156.60
		500' E		
c		14	155.5	
So. line		6.8	150.1	

550' E

c		11.7	145.2
N. line		9.0	147.9
J.P.	4.49	149.36	12.03
			144.87

550' E

So. line		8.1	141.3
----------	--	-----	-------

597' E

N. line		10.6	138.8
---------	--	------	-------

So. line		13.9	135.5
----------	--	------	-------

West line 28<sup>th</sup>

N. line		11.8	137.6
---------	--	------	-------

c		11.9	137.5
---	--	------	-------

So. line		12.8	136.6
----------	--	------	-------

7' East w. line

c		12.7	136.7
---	--	------	-------

Center 28<sup>th</sup>

So. line		3.9	145.5
J.P.	12.93	162.26	0.03
			149.33

Center 28<sup>th</sup>

c		12.7	149.6
N. line		11.7	150.6

East line 28<sup>th</sup>

c		1.7	160.6
So. line		7.5	154.8

J.P.	12.94	175.06	0.14
			162.12

East line 28<sup>th</sup>

N. line		13.7	161.4
---------	--	------	-------

50' E

So. line		8.4	166.7
----------	--	-----	-------

c		2.5	172.6
---	--	-----	-------

J.P.	12.81	187.59	0.28
			174.78

50' E  
 n. line 11.9 175.7  
 100' E  
 n. line 5.7 181.9  
 c 9.3 178.3  
 So. line 12.5 175.1  
 150' E  
 So. line 5.3 182.3  
 c 4.6 183.0  
 n. line 1.9 185.7  
 J.P. 11.11 198.38 0.32 187.27  
 200' E  
 n. line 9.1 189.3  
 c 10.3 189.1  
 So. line 10.4 188.0  
 250' E  
 So. line 6.7 191.7

69  
 e 6.0 192.4  
 n. line 5.8 192.6  
 300' E  
 n. line 3.3 195.1  
 c 4.1 194.3  
 So. line 4.5 193.9  
 350' E  
 So. line 4.6 193.8  
 c 4.1 194.3  
 n. line 3.5 194.9  
 400' E  
 n. line 4.2 194.2  
 c 5.4 193.0  
 So. line 6.1 192.3  
 450' E  
 So. line 9.0 189.4  
 c 6.9 191.5  
 n. line 5.1 193.3

	500' E	
n. line	6.4	192.0
c	8.2	190.2
So. line	11.7	186.7
	560' E, West line 29 <sup>th</sup>	
So. line	13.6	184.8
c	9.6	188.8
n. line	7.9	190.5
	Center	
n. line	8.1	190.3
c	9.7	188.7
	East line 29 <sup>th</sup>	
c	10.1	188.3
n. line	8.5	189.9
	50' E	
n. line	9.9	188.5
c	11.3	187.1

70

J.P.	2.83	188.24	12.47	185.91
	Center 29 <sup>th</sup>			
So. line			3.2	185.0
	East line 29 <sup>th</sup>			
So. line			3.9	184.3
	50' E			
So. line			4.4	183.8
	100' E			
So. line			6.4	181.8
c			6.1	182.1
n. line			6.9	181.3
J.P.	0.83	176.23	12.84	175.40
	150' E			
n. line			10.8	165.4
c			9.3	166.9
So. line			9.4	166.8
J.P.	0.62	163.94	12.91	163.32



		190' E		
n. line		15.6	148.3	
		184' E		
n. line		9.7	154.2	
		188' E		
c		10.3	153.6	
J.P.	4.87	156.08	12.73	151.21
n. line		200' E		
So. line		9.0	147.1	
c		7.8	148.3	
n. line		8.8	147.3	
		211' E		
n. line		11.0	145.1	
		235' E		
c		15.8	140.3	
		236' E		
So. line		17.0	139.1	

		250' E			71
n. line		13.5	142.6		
c		14.0	142.72		
So. line		15.6	140.5		
		265' E			
n. line		14.6	141.5		
		285' E			
So. line		8.2	147.9		
		300' E			
So. line		5.9	150.27		
c		9.7	146.41		
n. line		10.1	146.0		
		317' E			
n. line		11.6	144.5		
		350' E			
n. line		8.6	147.5		
J.P.	12.70	168.20	0.58	153.50	

	350' E			J.P.	13.07	193.15	0.26	180.08
C		13.3	154.9			450' E		
So. line		10.1	158.1	So. line			11.9	181.2
	400' E					500' E		
C		7.2	161.0	So. line			4.9	188.2
N. line		15.6	152.6	C			13.2	179.9
	450'					550' E		
N. line		7.3	160.9	C			7.1	186.0
J.P.	13.05	180.34	0.91	167.29		West line 30 <sup>th</sup>		
	400' E					C		
So. line		9.3	171.0	N. line			6.4	186.7
	450' E						10.7	182.4
C		8.7	171.6	N. line		Center		
	500' E						7.1	186.0
N. line		11.2	169.1	N. line		East line 30 <sup>th</sup>		
	550' E						4.1	189.0
N. line		3.1	177.2	J.P.	7.20	201.87	<del>8</del> 194.67	
						550' E		
				So. line			7.8	194.1

West line 30<sup>th</sup>

So. line 7.9 194.0

Center

So. line 7.6 194.3

c 12.5 189.4

East line 30<sup>th</sup>

c 10.7 191.2

So. line 7.3 194.6

50' E

So. line 5.9 196.0

c 6.3 195.6

n. line 6.0 195.9

100' E

n. line 2.8 199.1

c 3.4 198.5

So. line 3.7 198.2

150' E

So. line 3.1 198.8

c 2.4 199.5

n. line 1.6 200.3

200' E

n. line 2.3 199.6

c 1.7 200.2

So. line 2.4 199.5

250' E

So. line 2.2 199.7

c 2.0 199.9

n. line 5.7 196.2

300' E

n. line 10.9 191.0

c 3.0 198.9

So. line 2.6 199.3

350' E  
 So. line 5.8 196.1  
 C 8.5 193.4  
 J.P. 1.6 1 190.85 12.63 189.24 ✓  
 350' E  
 n. line 7.8 183.1  
 400' E  
 C 8.1 182.8  
 So. line 2.4 188.5  
 450' E  
 C 13.9 177.0  
 So. line 7.3 183.6  
 468' E  
 So. line 10.0 180.9  
 J.P. 1.03 179.33 12.55 178.30 ✓  
 400' E  
 n. line 6.9 172.4

74  
 450' E  
 n. line 17.0 162.3  
 500' E  
 So. line 10.4 168.9  
 C 15.5 163.8  
 J.P. 1.6 0 168.23 12.70 166.63 ✓  
 500' E  
 n. line ~~17.1~~ 17.1 151.1  
 530' E  
 So. line 5.8 162.4  
 J.P. 1.76 157.36 12.63 155.60 ✓  
 550' E  
 So. line 7.1 150.3  
 C 8.6 148.8  
 J.P. 1.04 146.12 12.28 145.08 ✓  
 550' E  
 n. line 5.2 140.9

583' E

n. line 12.6 133.5

c 8.8 137.3

West line 31<sup>st</sup>

n. line 9.8 136.3

c 13.8 132.3

So. line 14.0 132.1

10' E west line

c 15.0 131.1

18' E West line

So. line 17.4 128.7

Center 31<sup>st</sup>

So. line 11.5 134.6

c 6.9 139.2

n. line 0.9 145.2

J.P. 1.76 157.36 12.63 155.60

East line 31<sup>st</sup>

So. line 10.1 147.3

c 2.0 155.4

J.P. 12.76 169.52 0.60 156.76

East line 31<sup>st</sup>

n. line 9.7 159.8

50' E

So. line 9.6 159.9

c 0.0 169.5

J.P. 10.65 180.00 0.17 169.35

20' E

n. line 7.3 172.7

50' E

n. line 2.3 177.7

68' E

c 7.5 17.25

	183' E				200' E		
n. line	-0.2	180.2	So. line	15.1	152.7		
	100' E		c	7.4	160.4		
n. line	0.7	179.3	J.P.	1.65	156.65	12.80	155.00
c	6.0	174.0		238' E			
So. line	17.3	162.7	So. line	22.5	<del>134.1</del>	134.1	
	150' E			250' E			
n. line	6.5	173.5	n. line	5.4	151.3		
c	12.8	167.2	c	12.8	143.9		
	200' E		So. line	15.9	140.8		
n. line	12.4	167.6		255' E			
	215' E		n. line	6.9	149.8		
n. line	14.1	165.9	J.P.	10.72	166.73	0.64	156.01
J.P.	0.15	167.80		300' E			
	150' E	12.35	167.65				
So. line	9.0	158.8	c	2.9	163.8		
			So. line	4.1	162.6		
			J.P.	12.90	179.55	0.08	166.65

	300' E		
n. line	10.9	168.7	
	322' E		
C	7.6	172.0	
	350' E		
So. line	6.5	173.1	
C	1.0	178.6	
J.P.	7.99 186.82 0.72 178.83		
	320' E		
n. line	5.9	180.9	
	350' E		
n. line	2.1	184.7	
	375' E		
C	4.5	182.3	
So. line	8.2	178.6	

	400' E		
So. line	6.3	180.5	
C	4.0	182.8	
n. line	1.6	185.2	
	450' E		
n. line	3.2	183.6	
C	5.2	181.6	
So. line	7.6	179.2	
	500' E		
So. line	12.3	174.5	
C	9.1	177.7	
n. line	6.1	180.7	
	550' E		
n. line	12.2	174.6	
J.P.	1.2.2 175.24 12.80 174.02		
	550' E		
C	4.4	170.8	
So. line	9.3	165.9	

J.P.	4.77	✓ 168.11	11.90	✓ 163.34
		West line 32 <sup>nd</sup> street		
S. line		9.6		158.5
C		7.3		160.8
N. line		5.0		163.1

32+807

30<sup>th</sup> St.68 =  $\frac{\text{sub}}{\text{contach}}$



27+95<sup>2</sup>

27+15<sup>2</sup>

25+15<sup>2</sup>

24+36<sup>3</sup>

22+44

22+36<sup>8</sup>

21+56<sup>6</sup>

21+54 about

79

• 642

new Hub.  
big 3 cws guard  
stake □ 4st  
340st - 7 all 7  
135, 37

31<sup>st</sup> H.

• 637

new Hub

old white

Hub

31<sup>st</sup>

• 626

New Hub.

30<sup>th</sup> H.

• 62.3

New Hub.

• 602 □ old Hub.  
iron track

• 611

new Hub.

29<sup>th</sup> H.

• 615

new Hub.  
moved by  
fence corner

• 53<sup>3</sup>  
about

Summers Pt. (dig up)

1955  
17000  
741 units of = 8<sup>th</sup> St

19+58<sup>5</sup>  
18+84<sup>2</sup>  
18+80<sup>3</sup>  
12+80<sup>6</sup>  
12+39  
12+21  
8+00<sup>8</sup>  
6+22<sup>4</sup>  
5+78<sup>1</sup>  
5+6.2<sup>6</sup>  
0+00

38<sup>th</sup>

at 69' -  
 New sub cut track (Round)  
 old sub cut track  
 sub. in track  
 remains of old sub. 41.3 → 58.7  
 21.2  
 Small sub. 41 → 59.2  
 Small sub.

Sub 40.9 × 59.8 Sub

27<sup>th</sup> St. 18.8<sup>0</sup>

Sub 40.15 × 59.50 Sub

old sub cut track 43.2  
 75  
 7' line  
 41.3 → 45.6  
 51.8  
 26<sup>th</sup> St.  
 14.7<sup>0</sup>  
 Sub CT

75  
 7' line  
 41.6 → 44.5  
 7' line

50 0 50  
 25<sup>th</sup> St.

25-26-562<sup>6</sup>

26-27-601 ft.

27-28-6012

59

622

158

14544

74

158.0

16

165.28

72

165.99

158

7.99

13573

417

212

253

831

133.20

518

482

124.6

600

120.5

121.21

72124

118.71

245

7.56

5+77-

6700

11+381

133

119.71

245

121.26

1200

109.71

6.45  
10.75  
4.30  
229

11.96  
12.73  
12.73  
13.01  
13.06  
11.96  
0.34  
1.03  
1.03

190.35  
139.80  
191.7  
191.43  
41.3  
18.54  
7.91  
19.85  
18.1

590  
12.1  
7.1

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

109.35 28" N on Hub SE

16  
33  
50  
67  
84  
100

168.11  
158.64  
9.47

73  
27.89  
79.217  
12.807

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	99.98	1.75	100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.94	3.49	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.86	5.23	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.76	6.98	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.62	8.72	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.45	10.45	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.25	12.19	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.03	13.92	99.20	12.62	99.14	13.05	99.09	13.49	82
8	98.77	15.64	98.97	14.35	98.80	14.78	98.84	15.21	81
9	98.48	17.36	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.16	19.08	98.40	17.79	98.33	18.22	98.25	18.65	79
11	97.81	20.79	97.72	19.51	97.99	19.94	97.90	20.36	78
12	97.44	22.50	97.34	21.22	97.63	21.64	97.53	22.07	77
13	97.03	24.19	96.92	22.92	97.24	23.34	97.13	23.77	76
14	96.59	25.88	96.48	24.62	96.81	25.04	96.70	25.46	75
15	96.13	27.56	96.00	26.30	96.36	26.72	96.25	27.14	74
16	95.63	29.24	95.50	27.98	95.88	28.40	95.76	28.82	73
17	95.11	30.90	94.97	29.65	95.37	30.07	95.24	30.49	72
18	94.55	32.56	94.41	31.32	94.83	31.73	94.69	32.14	71
19	93.97	34.20	93.82	32.97	94.26	33.38	94.12	33.79	70
20	93.36	35.84	93.20	34.61	93.67	35.02	93.51	35.43	69
21	92.72	37.46	92.55	36.24	93.04	36.65	92.88	37.06	68
22	92.05	39.07	91.88	37.86	92.39	38.27	92.22	38.67	67
23	91.35	40.67	91.18	39.47	91.71	39.87	91.53	40.27	66
24	90.63	42.26	90.45	41.07	91.00	41.47	90.81	41.87	65
25	89.88	43.84	89.69	42.66	90.26	43.05	90.07	43.44	64
26	89.10	45.40	88.90	44.23	89.49	44.62	89.20	45.01	63
27	88.29	46.95	88.09	45.79	88.70	46.17	88.50	46.56	62
28	87.46	48.48	87.25	47.33	87.88	47.72	87.67	48.10	61
29	86.60	50.00	86.38	48.86	87.04	49.24	86.82	49.62	60
30	85.72	51.50	85.49	50.38	86.16	50.75	85.94	51.13	59
31	84.80	52.99	84.57	51.88	85.26	52.25	85.04	52.62	58
32	83.87	54.46	83.63	53.36	84.34	53.73	84.10	54.10	57
33	82.90	55.92	82.66	54.83	83.39	55.19	83.15	55.56	56
34	81.92	57.36	81.66	56.28	82.41	56.64	82.16	57.00	55
35	80.90	58.78	80.64	57.71	81.41	58.07	81.16	58.42	54
36	79.86	60.18	79.60	59.13	80.39	59.48	80.13	59.83	53
37	78.80	61.57	78.53	60.53	79.34	60.88	79.07	61.22	52
38	77.71	62.93	77.44	61.91	78.26	62.25	77.99	62.59	51
39	76.60	64.28	76.32	63.27	77.16	63.61	76.88	63.94	50
40	75.47	65.61	75.18	64.61	76.04	64.94	75.76	65.28	49
41	74.31	66.91	74.02	65.93	74.90	66.26	74.61	66.59	48
42	73.14	68.20	72.84	67.24	73.73	67.56	73.43	67.88	47
43	71.93	69.47	71.63	68.52	72.54	68.84	72.24	69.15	46
44	70.71	70.71	70.41	69.78	71.33	70.09	71.02	70.40	45
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.