

1080

FIELD BOOK

1080

MICROFILMED

DEC 24 1964

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

77034

ENGINEERING DEPARTMENT,
CITY OF SAN DIEGO,
CALIFORNIA.

$$\begin{array}{r} 304 \\ 304 \\ 334.4 \\ \hline 115 \\ 215 \\ 1075 \\ 13 \\ \hline 3225 \\ 1075 \\ 1397.5 \\ \hline 115 \\ 230 \\ 115 \\ \hline 138.0 \\ 69.0 \\ 334.4 \\ 1397.5 \\ \hline 543.15 \end{array}$$

$$\begin{array}{r} 48.6 \\ 22.5 \\ 485.3 \\ \hline 22.5 \\ 5.55 \\ 111.25 \\ 1780.0 \\ 1125 \\ \hline 301.625 \\ 347 \\ 15.6 \\ \hline 208.2 \\ 1735 \\ 347 \\ \hline 541.3 \end{array}$$

$$\begin{array}{r} 347 \\ 215 \\ 562 \\ 28.1 \\ \hline 168.6 \\ 14.8 \\ 10.4 \\ 25.2 \\ \hline 12.6 \\ 75.6 \end{array}$$

$$\begin{array}{r} 21.5 \\ 14.8 \\ 36.3 \\ 18.15 \\ \hline 108.90 \\ 10.4 \\ 77 \\ 181 \\ 9.05 \\ \hline 54.30 \end{array}$$

$$\begin{array}{r} 63 \\ 57 \\ 1 \\ \hline 8.7 \\ 7.4 \\ 16.1 \\ 8.05 \\ \hline 48.30 \end{array}$$

$$\begin{array}{r} 1301.62 \\ 541.32 \\ 168.6 \\ 108.9 \\ 75.6 \\ 54.3 \\ 42.0 \\ 48.3 \\ \hline 2340.64 \end{array}$$

Length of Curb + Sidewalk
Lot 11 BIK 46 La Jolla Park
Also Area of paving by Nbor

Sidewalk & Curb contiguous
4.5 ft over all sdw 3.83
curb .67
Length 43.4 ft.
Area paving 543.15 sq. ft.
166.22 sq ft sidewalk

6" above

N.W. Cor. Princess + Torrey Road
Curb + sdw contiguous 3.83
1.67
4.50

Length curb + sidewalk 485.3'
Area of gutter 642.6 sq. ft.
paving 2340.64 sq. ft.

Length of curve of curb return 35.2
" " " " sidewalk " 30.45
485.3 - 35.2 + 30.45 = 480.75 = $\frac{1}{2}$ sidewalk
480.75 x 3.83 = 1841.27 sq. ft. sq. ft. sidewalk

10+15.63 P.C.

R=443

see page 69

10+13 Δ 13°00' R

ST=43.26

for relocating
May 1922

9+39.77 P.C.

EC=145.89

8+41.5 = start 12" conduit pipe

7+49.27 E.C.

R=400

see page 64

7+11.0 Δ 11°0' L

ST=35.52

for another
re location
June 1922

6+72.48 P.C.

7-49.27

7 + 72.48
1

4+27.6

4+55.70

1+37.27 = E.C.

0+51.14 P.O.C. = End of Paving in County End 1920

0+00 = S. Boundary Live City Δ 13°10'

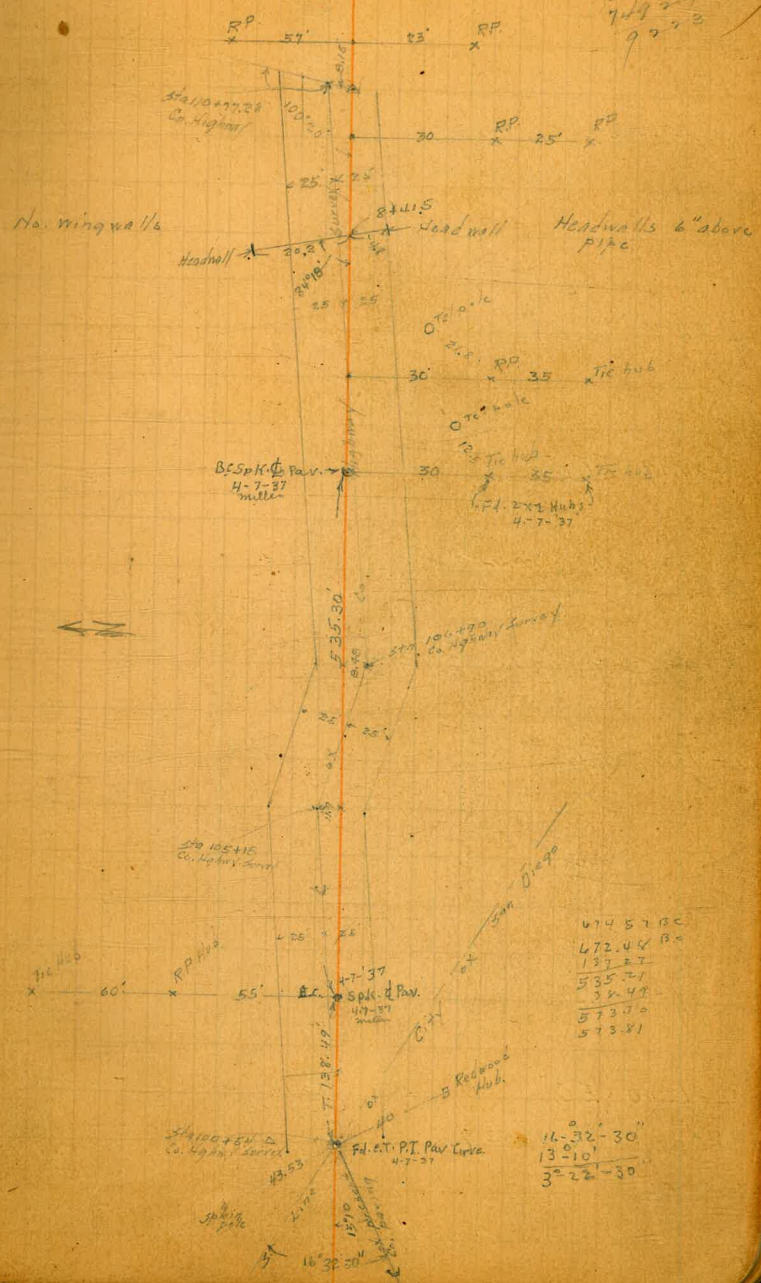
R=1280

ST=132.49

EC=225.76

P.I. Point Curve = C.T.

841
749
92



674.5780
672.4680
137.27
535.21
32.47
573.70
573.81

16-32-30
13-10
3-22-30

Levels on proposed culvert

0+00	5.4 = center of ditch	168.75 B.M.
+20	5.8	161.45
+35	5.3	161.05
+47	5.7	161.55
+56	9.0	161.15
+70	9.8	157.95
		157.05

19+45.00 = proposed culvert

13+59.94

13+34.17 E.C.

17+25.36 Δ 35° 07' 30" R.

15+30.53 Δ 16° 14' 30" R.

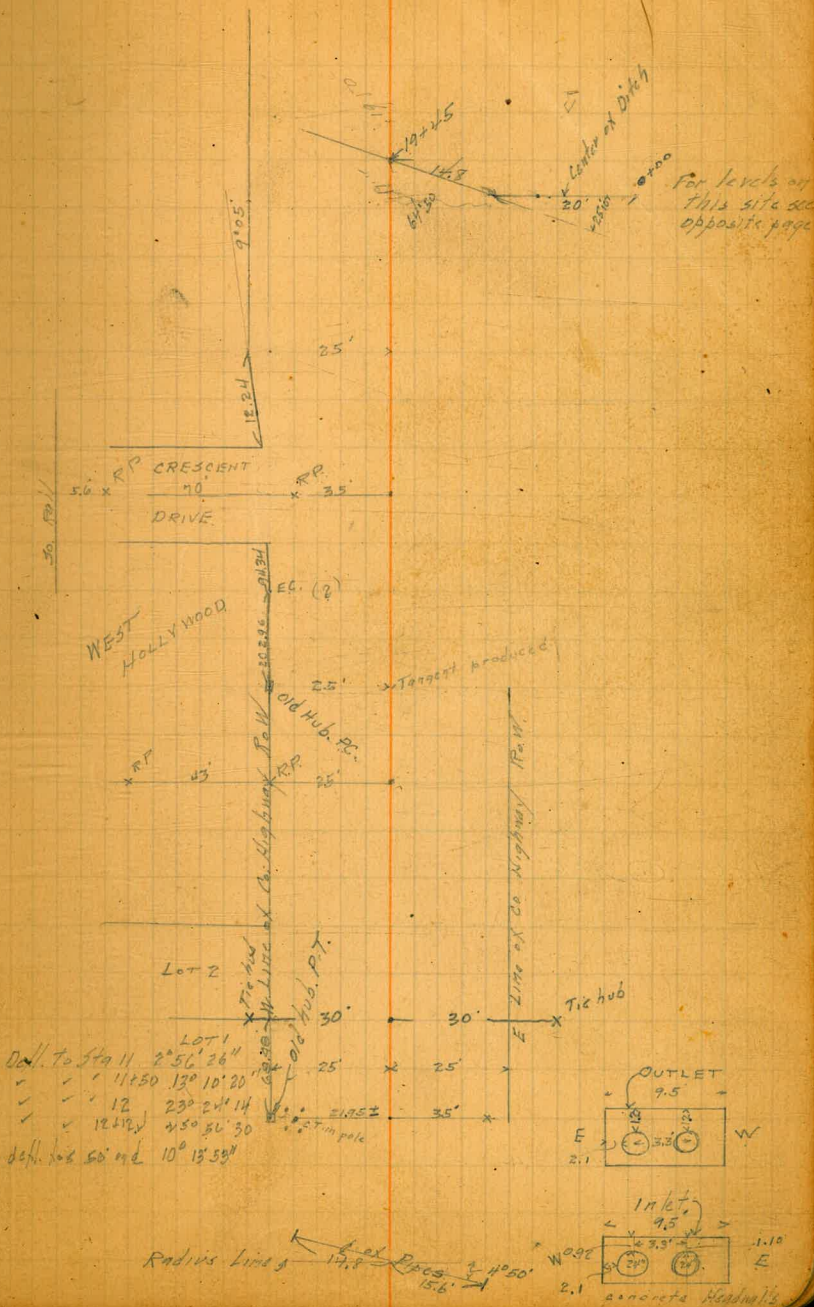
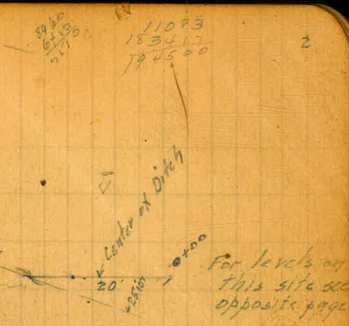
14+43.49 P.C.

Δ 51° 22' One curve
 $\Delta = 51° 22'$
 $R = 380'$
 $T = 192.75'$
 $L = 340.62'$

old location new location } EQUATION.
 12+47.78 = 12+38.98

12+13.40 = E.C.
 12+34.37 Δ 51° 53' L
 $R = 140'$
 $\Delta = 68.11'$
 $L = 126.77'$

11+29.85 = center of double ditch culvert + Headwall
 see page 62 for another relocation June 1923
 see page 69 for relocation May 1923
 see book 1104 page 16

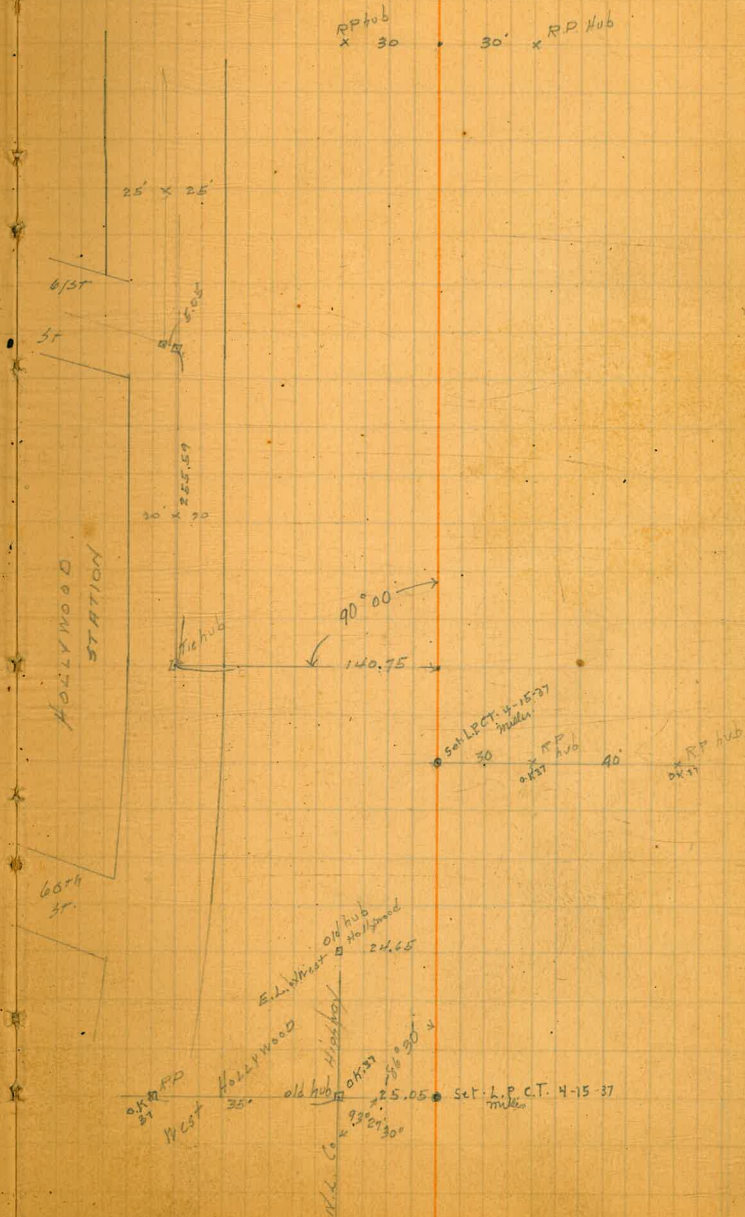


36+00

19+38.75

29+00 \odot P.O.T. \rightarrow

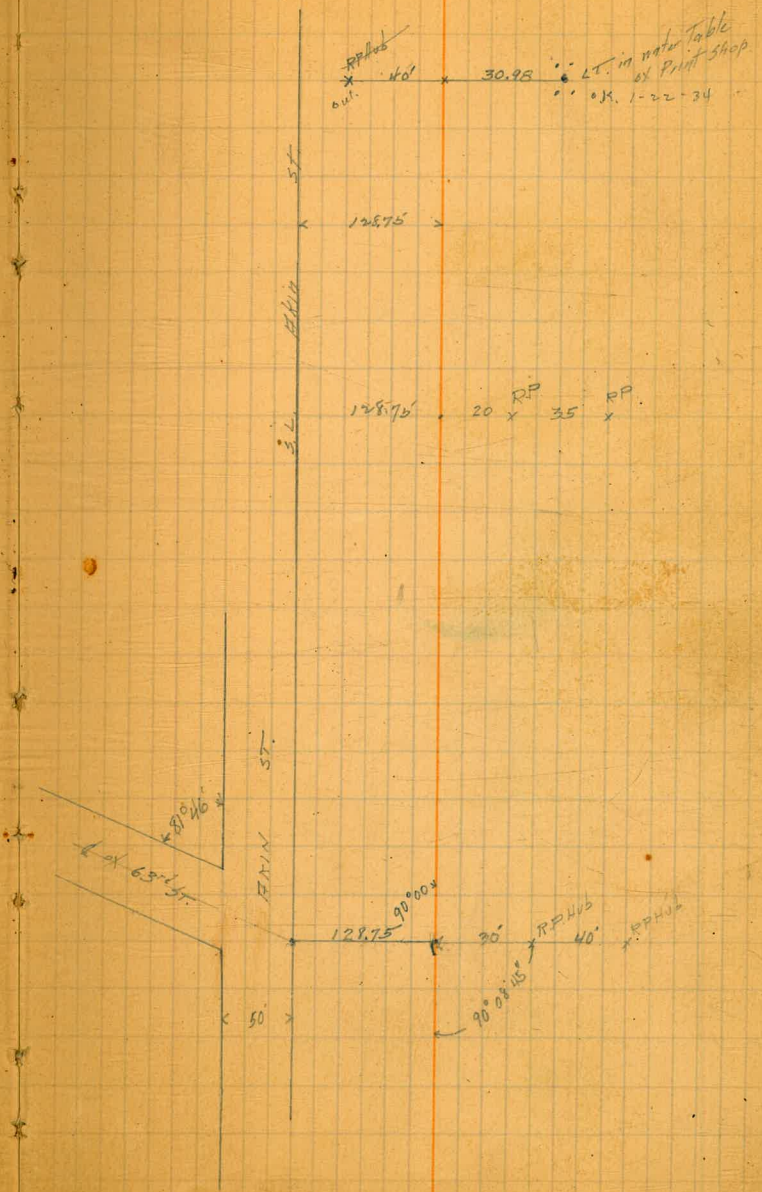
22+69.38 \triangle 7°00' L.



61+00 @ P.O.T.

54+00 @ P.O.T.

44+98.57 Δ $0^{\circ}11'30''$ Left.



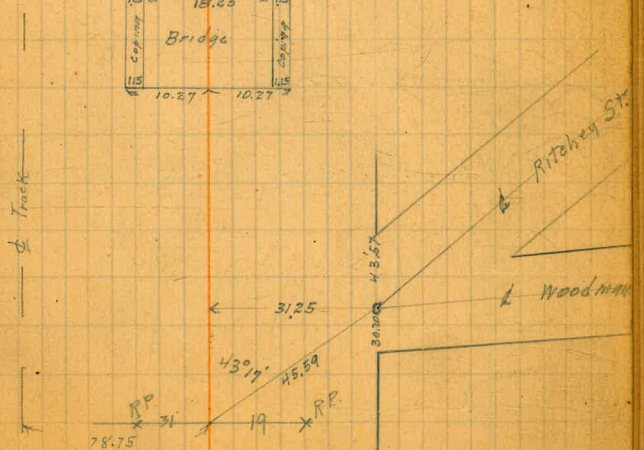
20.4
2.35
18.05

76.4
2.35
78.75

69+21.8 - E. End bridge

69+00 = W. End bridge

68+00 O.P.O.T.



100+62.64

93+35 ← center of present 18" c.p. culvert

91+89.11 Δ 6° 05' 20" L

91+30.74 = E.C.

87+90 Δ 17° 10' L

(85+60.09 = True P.I. not set Δ 46° 17' 20")

85+92.2

81+80 Δ 29° 04' L

79+18.90 P.C.

Δ 46° 17' 20"
R = 1500'
X = 64.19
L = 1211.84

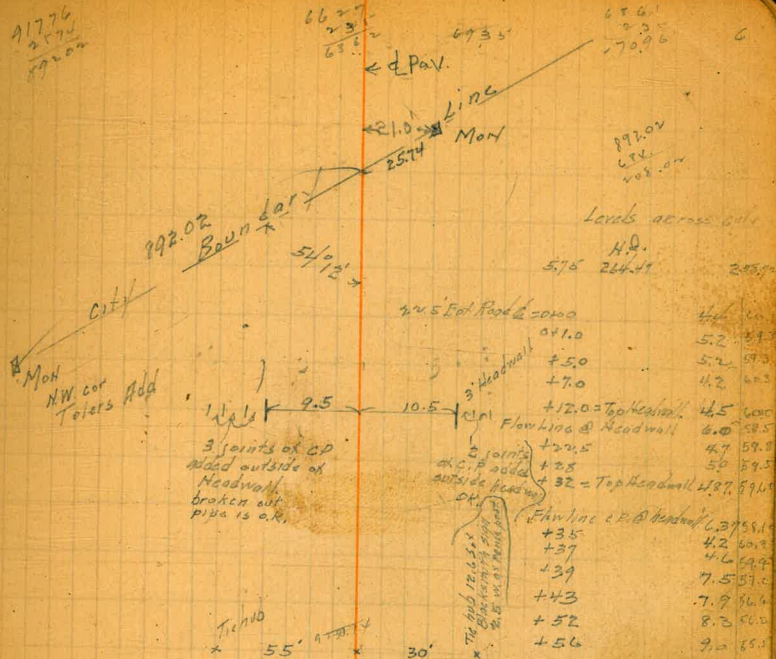
31.10 ch = 21.10 L = 0° 35' 37"
50' ch = 49.98 L = 0° 57' 17"

91776
2574
992.02

66.27
23.1
65.1

693.5

65.61
23.1
70.96



Angles from P.C.

79+18.90	
79+50	35' 39"
80	1 32 56
	2 30 13
81	3 27 30
	4 24 47
82	5 22 04
	6 19 21
83	7 16 38
	8 13 55
84	9 11 12
	10 08 29
85	11 05 46
	12 03 03
86	13 00 20
	13 57 37
87	14 54 54
	15 52 11
88	16 49 28
	17 46 45
89	18 42 02
	19 39 19
90	20 35 36
	21 32 53
91	22 29 10
780.74	23 25 27



Tie hub
35'

30' P.I. Pavint. 1-20-34
Tie hub

10.1' Cement Post

9/20/20
Gregory Miller
Shaw

Cross SECTION OF PAVING 18' wide
IMPERIAL AVE PAVING Berms 4' wide
+20' wide thru ENCHONTO.
Stations are on Center Line

Co. Datum = 4363. = 6.12 above city

B.M.	7.50	170.65	163.15	apx 1/2 side at City Limit			
		GRADE at End of Co. Mark (169.97)	163.15	(End of Co. paving)	N	52	165.5
		- 0 + 00.61 = Center of Curve			+S	60	164.7
N			72 163.5		C	58	164.7
+W			65.8 164.07	= Top paving	+9	60	164.7
C			6.23 163.82		S	62	164.5
+9			7.08 163.57				
S			7.3 163.4		S		
		0 + 11.92			+1	53	165.4
S			7.3 163.4		+W	61	164.6
+W			6.8 163.9		C	60	164.7
C			6.7 164.0		+9	56	165.1
+9			6.9 163.8		N	57	165.0
N			7.2 163.5			45	166.2
		0 + 51.14 = Revised end of Co. Paving					
		0 + 62.06			N	1 + 87	
N			6.0 164.7		+W	47	166.0
+W			6.4 164.3		C	50	165.7
C			6.1 164.6		+9	51	165.6
+9			6.7 164.0		S	55	165.2
S			6.9 163.8			49	165.8
		0 + 87.12			S	2 + 00	
S			6.5 164.2		+W	48	165.7
+W			6.3 164.4		C	53	165.4
C			5.9 164.8		+9	49	165.8
+9			6.1 164.6		+12	50	165.7
N			3.5 167.2			34	167.3

170.65

2+50

N	46	166.1
+4	47	166.0
0	49	165.8
+9	50	165.7
S	21	168.3

3+00

S	36	167.1
+4	40	166.7
+8.5	53	165.4
C	50	165.7
+9	47	166.0
N	47	166.0

3+50

N	62	164.5
+4	62	164.5
0	62	164.5
+6	65	166.2
+9	56	165.1
S	51	165.6

4+00

S	62	164.5
+4	83	162.4
C	81	162.6
+9	84	162.3
N	83	162.4

IMPERIAL

8

4+50

N	10.0	160.7
+1	11.1	159.6
+4	11.0	159.7
C	10.8	159.9
+9	11.2	159.5
S	7.7	163.0
T.P.	0.58	158.63

5+00

S	2.5	156.1
+4	2.6	156.0
C	2.1	156.5
+9	2.3	156.3
N	1.4	157.2

5+50

-13	11.0	147.6
-4	9.7	148.9
N	7.1	151.5
+4	5.3	153.3
+5	5.7	152.9
C	5.4	153.2
+9	5.4	153.2
S	5.7	152.9

6+00

S	8.1	150.5
+4	8.0	150.6

151.60

8+50

-15	8.5	143.1
-8	7.6	144.0
-5	5.6	146.0
N	6.1	145.5
+4	6.0	145.6
0	6.1	145.5
+7	6.0	145.6
+9	7.2	144.4
5	7.5	144.1
+10	6.1	145.5

9+60

-10	6.5	147.1
5	6.2	145.4
+4	6.0	145.6
0	5.9	145.7
+9	5.8	145.8
N	5.8	145.8
+2	5.9	145.7
+4	5.4	146.2
+8	7.8	143.8
+15	8.1	143.5

9+50

-15	7.8	143.8
-7	6.9	144.7
-4	5.1	146.5

IMPERIAL

10

N

+4

0

+9

5

5

+4

0

+9

N

-3

N

+4

0

+9

T.P.

5

+5

-5

5

+4

0

+9

B.M.

5.0 146.6

5.0 146.6

5.1 146.5

5.3 146.3

2.9 148.7

10+00

5.2 146.4

5.1 146.5

4.6 147.0

4.6 147.0

4.2 147.2

10+50

3.7 147.9

3.7 147.9

3.7 147.9

4.4 147.2

4.9 146.7

4.3 147.3

5.8 146.6

5.4 147.0

11+00

3.4 149.0

5.1 147.3

5.1 147.3

5.2 147.2

5.6 146.8

4.6 147.7

stk in file
W.L. ex.
W. Hall 1907

N	5.4	147.0
+2	5.5	146.9
+7	10.4	147.0 in creek.
11+29.95 = double 24" pipe see alignment notes		
-7	8.6	143.8
-1.8 = Top of Outlet Headwall	6.4	146.0
N	5.7	146.7
+4	5.7	146.7
C	5.0	147.4
+9	5.1	147.3
S	5.1	147.3
+2.6 = Top of Inlet Headwall	6.1	146.3
+5	6.9	145.5
11+50		
-5	4.9	147.5
S	4.9	147.5
+4	5.0	147.4
C	5.0	147.4
+9	5.7	146.7
N	5.7	146.7
+5	6.3	146.1
12+00		
-5	6.3	146.1
N	5.6	146.8
+4	5.6	146.8
C	4.9	147.5

+9	4.9	147.5
S	4.9	147.5
+5	6.2	146.2
+10	6.3	146.1
12+50		
-10	5.4	147.0
S	5.1	147.3
+4	4.9	147.5
C	4.9	147.5
+9	5.3	147.1
N	5.4	147.0
+5	6.1	146.3
13+00		
-5	5.9	146.5
-1	5.9	146.5
N	5.0	147.4
+4	5.1	147.3
C	5.1	147.3
+9	5.0	147.4
S	5.0	147.4
+5	5.4	147.0
13+50		
-10	4.9	147.5
S	4.9	147.5
+4	4.9	147.5
C	4.9	147.5

152.36

+9	49	147.5
N	49	147.5
+1	54	147.0
+9	59	146.5
+12	48	147.6
	14+00	
-12	50	147.4
-9	57	146.7
-2	54	147.0
N	45	147.9
+4	44	148.0
C	43	148.1
+9	44	148.0
S	44	148.0
+10	45	147.9
	14+50	
-10	35	148.9
.5	34	149.0
+4	33	149.1
C	30	149.4
+9	32	149.2
+12	34	149.0
N	40	148.4
+1	46	147.8
+10	43	148.1

IMPERIAL 12

	15+00	
-14 = bank of creek	36	148.9
N	31	149.3
+4	1.9	150.5
C	1.6	150.8
+9	1.8	150.6
S	2.0	150.4
+9 = foot of cut bank.	2.1	150.3
B.M. 12.44 144.63	0.37	151.99
	15+50	
-10	15.0	149.6
N	13.1	151.5
+4	12.4	152.2
C	12.1	152.5
+9	12.5	152.1
S	12.7	151.9
+10	13.4	151.2
	16+00	
-10	11.4	153.2
S	10.7	153.9
+4	10.4	154.2
C	9.8	154.8
+9	9.7	154.9
N	9.4	155.2
	16+50	
N	7.2	157.4

36x 27x
57x 15x 30

+4 7.5 157.1
 C 7.5 157.1
 +9 8.2 156.4
 S 8.6 156.0
 +8 = Top of Cut 9.0 155.6

17+00

-7 = Top of Cut 6.9 157.7
 S 6.5 158.1
 +4 6.0 158.6
 C 5.4 159.2
 +9 5.4 159.2
 N 5.0 159.6

17+50

N 4.1 160.5
 +4 4.1 160.5
 C 4.1 160.5
 +9 4.2 160.4
 S 4.5 160.1
 +10 = Top of Cut 5.1 159.5

18+00

-11 = Top of Cut 6.0 160.6
 S 3.0 161.6
 +4 2.9 161.7
 C 2.9 161.7
 +9 3.0 161.6
 N 3.2 161.4

18+50

N 2.5 162.1
 +4 2.5 162.1
 C 2.5 162.1
 +9 2.7 161.9
 S 2.9 161.7
 +6 3.2 161.4

19+00

S 2.5 162.1
 +4 2.5 162.1
 C 2.2 162.4
 +9 2.2 162.4
 N 2.2 162.4

19+40

N 2.7 161.9
 +4 2.6 162.0
 C 2.5 162.5

19+55

-10 7.0 157.6
 -4 6.4 158.2
 N 4.3 160.3
 +2 2.7 161.9
 +4 2.9 161.7
 C 2.7 161.9
 +9 3.2 161.4
 S 3.1 161.5

164.63

19+65

N	3.1	161.5
+U	3.0	161.6
C	2.9	161.7

20+00

N	3.6	161.0
+U	3.7	160.9
C	3.6	161.0
+9	3.8	160.8
S	4.2	160.4

20+50

S	4.8	159.8
+U	4.6	160.0
C	4.4	160.2
+9	4.3	160.3
N	4.2	160.4

21+00

N	4.3	160.3
+U	4.3	160.3
C	4.4	160.2
+9	4.6	160.0
S	4.8	159.8

21+50

S	4.6	160.0
+U	4.5	160.1
C	4.5	160.1

IMPERIAL

14

+9	4.2	160.4
N	4.0	160.6

22+00

N	4.1	160.5
+U	4.1	160.5
C	3.8	160.8
+9	3.8	160.8
S	4.1	160.5

22+50

S	4.7	159.9
S	3.6	161.0
+2	3.5	161.1
+U	3.4	161.2
C	3.3	161.3
+9	3.4	161.2
N	3.4	161.2
TP.	12.72	172.88

23+00

N	11.2	161.7
+U	11.1	161.8
C	10.9	162.0
+9	10.9	162.0
S	11.0	161.9

23+50

S	10.5	162.4
+U	10.4	162.5
C	10.4	162.5

172.88

+9		10.4	162.5
N		10.5	162.4
	24+00		
N		9.8	163.1
+4		9.7	163.2
C		9.8	163.1
+9		9.9	163.0
S		10.1	162.8
	24+50		
S		9.5	163.4
+4		9.4	163.5
C		9.1	163.8
+9		9.1	163.8
N		9.2	163.7
	25+00		
N		8.5	164.4
+4		8.5	164.4
C		8.4	164.5
+9		8.6	164.3
S		8.8	164.1
	25+50		
S		7.6	165.3
+4		7.6	165.3
C		7.4	165.5.5
+9		7.4	165.5
N		7.5	165.4
T.P.	9.95	5.46	169.42

176.27

IMPERIAL

15

BM opp. Yellowknife
163.75 = 87

12.52

	26+00		
N		9.4	166.9
+4		9.4	166.9
C		9.4	166.9
+9		9.6	166.7
S		9.5	166.8
	26+50		
S		7.9	168.4
+4		7.9	168.4
C		7.7	168.6
+9		7.8	168.5
N		7.7	168.6
	27+00		
N		6.1	170.2
+4		6.0	170.3
C		5.9	170.4
+9		6.4	169.9
S		6.7	169.6
	27+50		
S		4.7	171.6
+4		4.5	171.8
C		4.3	172.0
+9		4.5	171.8
N		4.6	171.7

176.27

28+00

N		2.7	173.6
+4		2.7	173.6
C		2.7	173.6
+9		3.1	173.2
S		3.4	172.9

28+50

S		4.0	174.3
+4		1.8	174.5
C		1.3	175.0
+9		1.5	174.8
N		1.6	174.7

29+00

N		0.7	175.6
+4		0.7	175.6
C		0.5	175.8
+9		0.9	175.4
S		1.2	175.1
TP	767	18365	0.29 175.98

29+50

S		7.4	176.3
+4		7.2	176.5
C		6.8	176.9
+9		7.1	176.6
N		7.1	176.6

IMPERIAL

16

30+00

N		6.4	177.3
+4		6.3	177.4
C		6.2	177.5
+9		6.5	177.2
S		6.7	177.0

30+50

S		6.3	177.4
+4		6.0	177.7
C		5.7	178.0
+9		5.8	177.9
N		6.0	177.7

31+00

N		5.6	178.2
+4		5.4	178.3
C		5.3	178.4
+9		5.7	178.0
S		5.9	177.8

31+50

S		5.4	177.3
+4		5.2	177.5
C		4.9	178.8
+9		5.1	178.6
N		5.2	178.5

32+00

N		4.8	178.9
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18365

+4	48	178.9
S	46	179.1
+9	49	179.8
S	51	178.6

32+50

S	49	178.8
+4	48	178.9
C	46	179.1
+9	47	179.0
N	47	179.0

33+00

N	48	178.9
+4	48	178.9
C	47	179.0
+9	48	178.9
S	49	178.8

33+50

S	47	179.0
+4	47	179.0
C	48	178.9
+9	47	179.0
N	47	179.0

34+00

N	44	179.3
+4	44	179.3
C	44	179.3

IMPERIAL

17

+9	45	179.2
S	46	179.1

34+30 = center of 24" cement pipe collect.

-10	64	177.3
-9 = Inlet End of pipe	6.73	176.92 = flow line

-6	44	179.3
S	42	179.5

+3.5 = old Headwall (baried)

+4	40	179.7
C	40	179.7

+9	41	179.6
----	----	-------

N	40	179.7
---	----	-------

+7	42	179.5
----	----	-------

+11.5 = Outlet end

+15	7.71	175.94 = flow line
	7.5	176.2

35+00

N	33	180.2
---	----	-------

+4	33	180.4
----	----	-------

C	34	180.3
---	----	-------

+9	36	180.1
----	----	-------

S	37	180.0
---	----	-------

35+50

S	31	180.6
---	----	-------

+4	30	180.7
----	----	-------

C	48	180.9
---	----	-------

+9	49	180.8
----	----	-------

183.85

N		2.9	180.8	
	36+00			
N		2.5	181.2	
+4		2.5	181.2	
C		2.4	181.3	
+9		2.6	181.1	
S		2.7	181.0	
	12.66	192.90	3.41	180.24
				35K RT. of 35+75
	36+50			
S		11.4	181.5	
+4		11.2	181.7	
C		11.0	181.9	
+9		11.0	181.9	
N		11.1	181.8	
	37+00			
N		10.2	182.7	
+4		10.0	182.9	
C		9.8	183.1	
+9		10.4	182.7	
S		10.2	182.5	
	37+50			
S		8.8	184.1	
+4		8.8	184.1	
C		8.6	184.3	
+9		8.6	184.3	
N		8.8	184.1	

IMPERIAL

15

	38+00			
N		7.2	185.7	
+4		7.0	185.9	
C		7.0	185.9	
+9		7.3	185.6	
S		7.2	185.5	
	38+50			
S		5.4	187.5	
+4		5.4	187.5	
C		5.2	187.7	
+9		5.1	187.8	
N		5.2	187.7	
	39+00			
N		3.3	189.6	
+4		3.0	189.9	
C		3.2	189.7	
+9		3.4	189.5	
S		3.3	189.6	
	39+50			
-3		0.9	192.0	
S		2.3	190.6	
+4		0.8	192.1	
C		0.9	192.0	
+9		1.0	191.9	
N		1.1	191.8	
T.P.	11.70	204.54	0.06	192.84

204.54

40+00

N	10.5	194.0
+4	10.3	194.0
C	10.2	194.3
+9	10.5	194.0
+10	12.2	192.1
+12	12.4	192.1
S	10.3	194.0
+5	7.6	196.9

40+50

S	7.1	197.4
+2	8.2	196.1
+4	8.2	196.1
+7	7.8	196.7
C	7.7	196.8
+9	7.6	196.9
N	7.9	196.6

41+00

N	5.4	199.1
+4	5.4	199.1
C	5.5	199.0
+9	6.0	198.5
S	5.7	199.8

41+50

-2	4.0	200.5
S	4.5	200.0
+4	4.0	200.5

IMPERIAL

19

C	3.6	200.9
+9	3.5	201.0
N	3.4	201.1

42+00

N	1.9	202.6
+4	1.8	202.7
C	1.9	202.6
+9	2.2	202.3
S	3.1	201.4
+2	1.7	202.8

42+50

BM #12 Co Highway	0.71	203.83	203.83 + 6.14 = 209.97
-2	1.2	203.3	
S	1.7	202.7	
+4	1.0	203.5	
C	0.4	204.1	
+9	0.6	203.9	
N	0.8	203.7	
T.P.	9.03	212.97	

43+00

N	8.0	205.0
+4	9.8	205.0
C	7.7	205.3
+9	8.1	204.9
S	9.1	203.9
+2	7.9	205.1

212.97

43+50

-2	69	206.1
S	76	205.4
+4	68	206.2
C	62	206.6
+9	62	206.6
N	66	206.5

44+00

N	52	207.6
+4	53	207.7
C	52	207.8
+9	56	207.4
S	61	206.9

44+50

S	48	208.2
+4	46	208.4
C	42	208.6
+9	42	208.6
N	45	208.5

44+88.57

N	41	208.9
+4	40	209.0
C	38	209.2
+9	38	209.2
S	40	209.0

IMPERIAL 20

45+00

S	38	209.2
+4	38	209.2
C	38	209.2
+9	40	209.0
N	42	208.8

45+50

N	38	209.2
+4	36	209.4
C	31	209.9
+9	29	210.1
S	26	210.4

45+62 = West End of Sidewalk on S.

21' S. of C. N. Edge of walk. 1.9 211.1 on cement

46+00

S	31	209.9
+4	38	209.2
C	39	209.1
+9	41	208.9
N	42	208.8

46+50

N	43	208.7
+4	42	208.9
C	42	208.8
+9	43	208.7
S	40	209.0

21297

47+00

-8.3 = N. edge of walk	3.8	209.2	on cement
S	4.3	208.7	
+4	4.8	208.2	
C	4.8	208.2	
+9	4.6	208.4	
N	4.9	208.1	

47+50

N	5.7	207.3	
+4	5.6	207.4	
C	5.4	207.6	
+9	5.4	207.6	
S	4.9	208.1	

48+00

-8.6	4.8	208.2	on cement
S	5.4	207.6	
+4	5.5	207.5	
C	5.7	207.3	
+9	5.9	207.1	
N	6.1	206.9	

48+50

N	5.8	207.2	
+4	5.7	207.3	
C	5.3	207.7	
+9	5.4	207.6	
S	5.3	207.7	

IMPERIAL

21

49+00

-8.7 = N. edge of walk	3.7	209.3	on cement
S	4.3	208.7	
+4	4.6	208.4	
C	4.7	208.3	
+9	5.1	207.9	
N	5.2	207.8	

49+50

N	4.3	208.7	
+4	4.2	208.8	
C	3.7	209.3	
+9	3.6	209.4	
S	3.8	209.2	

50+00

S	2.7	210.3	
+4	2.6	210.4	
C	2.7	210.3	
+9	3.2	209.8	
N	3.3	209.7	

50+50

N	1.7	211.3	
+4	1.7	211.3	
C	1.4	211.6	
+9	1.5	211.5	
S	1.5	211.5	

+8.9 = N. Edge walk ✓
 T.P. 12.15 Nov. 9. 49

0.40	212.6	on cement
1.45	211.52	

22367

51+00

S	10.6	213.1
+4	10.9	212.8
C	10.8	212.9
+9	11.1	212.8
N	11.1	212.8

51+50

N	9.8	213.9
+4	9.7	214.0
C	9.6	214.1
+9	9.5	214.2
S	9.3	214.4
+ 5.3 = cement-curb.	^{23.67} 8.53	215.14

52+00

S	8.1	215.6
+4	8.3	215.4
C	8.6	215.1
+9	8.9	214.8
N	9.0	214.7

52+50

N	7.6	216.1
+4	7.4	216.3
C	7.2	216.5
+9	7.1	216.6
S	6.9	216.8

IMPERIAL

22

53+00

-9.2 = N. edge walk	^{23.67} 4.25	219.42 on cement
S	5.6	218.1
+4	5.7	218.0
C	5.9	217.8
+9	6.1	217.6
N	6.2	217.5

53+50

N	5.3	219.4
+4	5.2	218.5
C	4.7	219.0
+9	4.7	219.0
S	4.5	219.3

54+00

-9.2 = N. edge walk	4.4	220.3
S	3.9	219.8
+4	4.3	219.4
C	4.3	219.4
+9	4.6	219.1
N	4.6	219.1

54+50

N	4.3	219.4
+4	4.2	219.5
C	3.8	219.9
+9	3.8	219.9
S	3.3	220.4

22367

55+00

S	2.8	220.9
+4	3.1	220.6
C	3.2	220.5
+9	3.6	220.1
N	3.9	219.8

55+50

N	2.9	220.8
+4	2.8	220.9
C	2.6	221.1
+9	2.8	220.9
S	2.7	221.0

56+00

- 9.7 = N. edge walk	0.35	223.32	on cement
S	1.6	222.1	
+1	2.3	221.4	
+4	2.3	221.4	
C	2.1	221.6	
+9	2.2	221.5	
N	2.0	221.3	

56+50

N	1.9	221.8
+4	1.7	222.0
C	1.6	222.1
+9	1.8	221.9
S	1.6	222.1
+9.8 = N. edge walk	+0.1	223.8

22368

IMPERIAL

23

57+00

S	2.1	221.6
+4	2.2	221.5
C	1.9	221.8
+9	2.1	221.6
N	2.3	221.4

57+50

N	2.6	221.1
+4	2.5	221.2
C	2.4	221.3
+9	2.6	221.1
S	2.6	221.1

58+00

- 9.9 = N. edge walk	0.70	223.0	on cement
S	3.1	220.6	
+4	3.2	220.5	
C	2.9	220.8	
+9	3.3	220.4	
N	3.6	220.1	
B.M. Cos #13 647	223.68	6.46	Co. Elev. 223.68
			217.21 + 6.46 = 223.67

58+50

N	4.4	219.3
+4	4.1	219.6
C	3.6	220.1
+9	3.9	220.0
S	3.9	220.0

523.65

59+00

S	40	219.7
+4	41	219.6
C	43	219.4
+9	44	219.3
N	44	219.3

59+50

N	45	219.2
+4	45	219.2
C	44	219.3
+9	44	219.3
S	44	219.3

60+00

-10.1 = N. edge walk.

S	44	221.3
+4	45	219.2
C	44	219.3
+9	46	219.1
N	48	218.9

60+50

N	50	219.7
+4	49	218.8
C	47	219.0
+9	48	218.9
S	50	218.7

IMPERIAL

24

61+00

S	52	218.2
+4	50	218.7
C	50	218.7
+9	53	218.4
N	55	218.2

61+45.8 = 1' of 12" Corrugated pipe culv.

-10.7 = Outlet End 7.05' 216.63 *off line*

N	53	218.4
+4	52	218.5
C	48	218.9
+9	48	218.9
S	49	218.8
+3.4 = Inlet	7.35' 217.43 <i>off line</i>	

62+00

-10.2 N. edge walk

S	33	220.4
+4	52	218.5
C	50	218.7
+9	49	218.8
N	53	218.4
	55	218.2

62+50

-5'	61	217.6
N	60	217.7
+4	49	218.8
C	47	219.0

223.65

+9	4.7	219.0
S	4.9	218.9
+v	4.9	218.8

63+00

-4	4.1	219.6
S	4.4	219.3
+4	4.3	219.4
C	4.6	219.1
+9	4.9	218.9
N	5.2	218.5
+5	5.5	218.2

63+50

-10	6.9	216.8
N	6.0	217.7
+4	4.0	219.7
C	3.6	220.1
+9	3.6	220.1
S	3.6	220.1
+3	3.2	220.5

64+00

-10.2 = N. edgewalk	0.50	223.2
-v	1.5	222.2
S	1.6	221.1
+4	2.4	221.3
C	2.1	221.6
+9	2.7	221.0

25

+11	2.7	221.0
N	3.8	219.9
+10	6.4	217.3

64+50

A	0.8	222.9
+4	0.9	222.8
C	0.6	223.1
+9	0.9	222.8
S	1.1	222.6
+2	0.9	222.8
T.P.	7.16	230.58

65+00

S	6.7	223.9
+4	6.4	224.2
C	6.3	224.3
+9	6.7	223.9
N	6.9	223.7

65+50

N	6.0	224.6
+4	5.9	224.7
C	3.6	225.0
+9	5.7	224.9
S	5.9	224.7

66+00

-10.4 = N. edgewalk	3.3	227.3
S	4.9	225.9

23058

+4	4.7	225.9
c	4.4	226.2
+9	4.8	225.8
N	4.9	225.7

66+50

N	3.9	226.7
+4	4.0	226.6
c	3.6	227.2
+9	3.7	226.9
S	3.9	226.7

67+00

S	2.9	227.7
+4	2.6	228.0
c	2.4	228.2
+9	3.0	227.6
N	2.6	228.0

67+50

N	1.9	228.7
+4	2.1	229.5
c	1.5	229.1
+9	1.7	228.9
S	2.0	228.6

68+00

-10.2 = N. dogwalk	0.40	230.2
S	0.7	229.9
+4	0.8	229.8

IMPERIAL

26

220.54

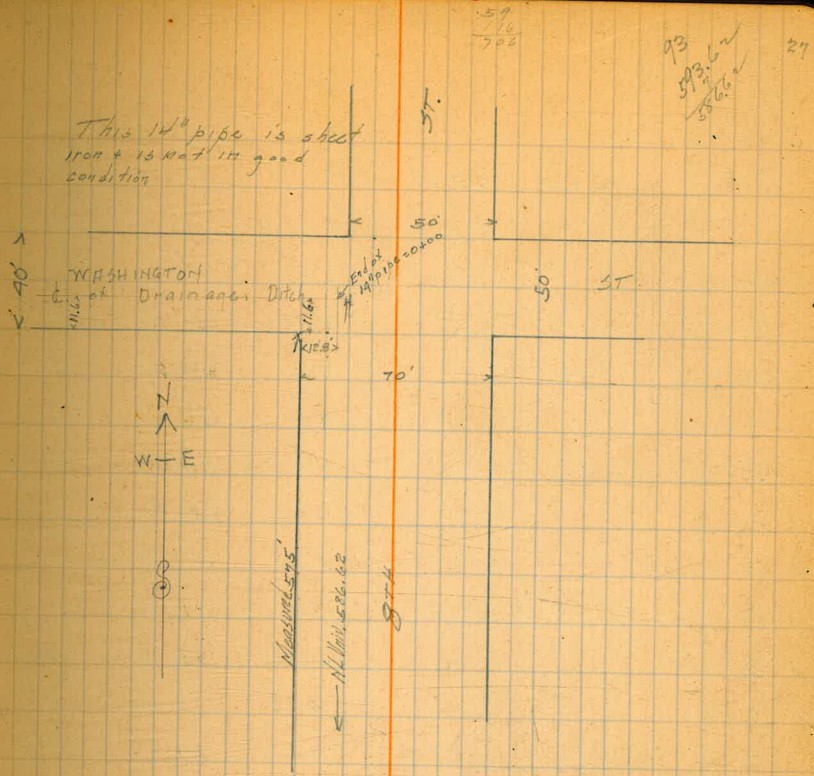
c	0.9	229.7
+9	1.2	229.4
+10	0.5	230.1
N	0.4	230.1 ✓
BM	1.06	229.52 ✓

N. R. P. Pub
5/2/68

Cont'd in Book 1104 Page 1

5/19/21
 Groopel
 Miller
 Shand
 Levels on a Drainage Ditch
 in Washington St
 from W. cb Line of 8th St
 West to Canon

	3.8	287.56		284.38	BP NW 8th Univ.
	5.30	286.72	6.14	281.42	
0+00 = 12.8 E. of W.L. of 8th = End of 14" pipe			6.80	279.92	= Flow line
+6			4.9	281.5	
+11			2.6	284.1	
+21			2.6	284.1	
+28.7 = W. End of Pipe. Ditch from here Pipe is killed up with dirt			7.08	279.64	= Flow line
+50			6.6	280.1	
1+00			7.7	279.0	
+20			8.2	278.5	
+39			11.6	275.1	
T.P.	0.71	274.35	13.08	273.64	
+48			6.6	267.8	
+65			15.7	258.7	



9/4/01
larger
plates
miller
5011W

CROSS SECTION OF
BROADWAY PAVING
from 31st to Calx.

B.M.	435	43.80	39.45
	N.L. 31 st		
5' cb	435		39.45
qt	413		38.97
10' N	360		40.20
18' v	22		40.60
24.36' N = 2' S of 3 rail	295		40.85
5 rail	296		40.84
N	275		41.05
41.64' S of N = 2' N of N rail	266		41.14
30' S of N	266		41.14
50' v	270		41.10
10' v	485		40.95
N gutter	348		40.32
N cb	268		41.12
	35' W		
N cb	308		40.72
v gutter	389		39.93
10' S	341		40.39
20' v	328		40.52
30' v	323		40.57
41.42' = 2' line	320		40.60
24.58' N of 5' S	317		40.33
18' N of 5	376		40.06
9' v	439		39.42

88.5W
31st

5 gutter	533		38.47
5' cb	484		38.96
	50' W		
5' cb	530		38.50
5 gutter	578		38.02
9' N	455		38.95
18' N	432		39.48
24.8' N = 2' line	412		39.68
41.8' S of N = 2' line	379		40.01
30' S of N	353		39.97
20' v	390		39.90
10' v	401		39.79
N gutter	445		39.35
N cb	366		40.14
	75' W		
N cb	424		39.56
N gutter	508		38.72
10' S	464		39.16
20' S	446		39.24
30' S	440		39.40
40.97' S = 2' line	432		39.45
25.03' N of 5' S	465		39.15
18' N of 5	493		38.97
9' v	532		38.48
5 gutter	621		37.59
5' cb	574		38.06

100' W

5 cb	6.20	37.60
5 qutr	6.65	37.15
9' N	5.77	38.03
18' v	5.26	38.54
25.35 ✓ = 2' line	5.06	38.74
40.75 3.0' N = 3' line	4.88	38.92
30' 3.0' N	4.90	38.90
20' v	5.04	38.76
10' v	5.22	38.58
N qutr	5.73	38.07
N cb	4.86	38.94

125' W

N cb	5.50	38.30
N qutr	6.32	37.48
10' S	5.81	37.99
20' S	5.66	38.14
30' v	5.54	38.26
40.53 ✓ = 2' line	5.47	38.33
25.47 N of S ✓	5.60	38.20
18' N of S	5.85	37.95
9' v	6.27	37.53
5 qutr	7.10	36.70
5 cb	6.60	37.20

150' W

5 cb	7.04	36.76
5 qutr	7.55	36.25
9' N	6.69	37.11
18' v	6.26	37.54
25.69 ✓ = 2' line	6.13	37.67
40.31 3.0' N = 2' line	6.00	37.80
30' 3.0' N	6.06	37.74
20' v	6.19	37.61
10' v	6.35	37.45
N qutr	6.94	36.86
N cb	6.14	37.64

175' W

N cb	6.72	37.08
N qutr	7.52	36.28
10' S	6.89	36.91
20' S	6.72	37.08
30' v	6.52	37.28
40.09 ✓ = 2' line	6.60	37.20
25.91 N of S ✓	6.63	37.17
18' N of S	6.80	37.00
9' v	7.18	36.52
5 qutr	8.0	35.80
v cb	7.36	36.44

43.80

300' W = E.L. 2nd

5' ob	7.69	36.11
- gutter	8.40	35.40
9' N	7.66	36.14
18' -	7.26	36.54
26.13 - = 2' line	7.13	36.67
39.87 3' ob N = 2' line	7.09	36.71
30' 3' ob N	7.08	36.72
20' - - -	7.25	36.55
10' - - -	7.57	36.23
N gutter	8.06	35.74
- ob	7.28	36.52
L. ob 2nd		
N gutter	8.00	35.40
10' 5	7.98	35.82
20' -	7.77	36.03
30' -	7.61	36.19
39.57 - = 2' line	7.62	36.18
26.43 N. ob S. -	7.75	36.05
18' N. ob S.	7.78	36.02
9' - - -	7.94	35.86
3 gutter	8.09	35.71
T.P.	3.65	38.70
	8.75	35.05

54.90
37.90

W.L. 2nd

5' ob	3.70	35.06
- gutter	4.30	34.46
9' N	3.63	35.07
18' -	3.31	35.39
26.99 N = 2' line	3.11	35.59
39.21 3' ob N = 2' line	2.95	35.75
30' 3' ob N	2.92	35.71
20' - - -	3.18	35.52
10' - - -	3.26	35.24
N gutter	3.95	34.75
- ob	3.13	35.57
25' W		
N ob	3.40	35.30
N gutter	4.18	34.52
10' 5	3.66	35.04
20' -	3.46	35.24
30' -	3.22	35.48
38.98 - = 2' line	3.14	35.51
27.02 N. ob S. -	3.35	35.25
18' N. ob S.	3.51	35.19
9' - - -	3.97	34.83
3 gutter	4.57	34.13
- ob	3.98	34.72

50' W

3' gutr	4.25	34.45
cb	4.94	33.76
9' N	4.11	34.59
18' -	3.78	34.92
27.24 ✓ = 2' line	3.62	35.08
38.46 Sol N ✓ ✓	3.46	35.24
30' S. of N	3.48	35.22
30' - - -	3.68	35.02
10' - - -	3.86	34.84
N gutr	4.44	34.26
cb	3.68	35.02

75' W

N. ob	3.97	34.73
gutr	4.70	34.00
10' S	4.12	34.58
20' -	3.92	34.78
30' -	3.81	34.89
38.53 ✓ = 2' line	3.75	34.95
27.47 N. ob ✓ ✓	3.88	34.82
18' N. ob	4.03	34.67
9' - - -	4.37	34.33
5' gutr	5.14	33.56
cb	4.53	34.27

100' W

5' ob	4.76	34.04
gutr	5.37	33.33
9' N	4.58	34.12
18' -	4.28	34.52
27.69 ✓ = 2' line	4.15	34.55
38.31 Sol N ✓ ✓	4.02	34.68
30' S. of N	4.03	34.67
30' - - -	4.16	34.54
10' - - -	4.35	34.35
N gutr	4.96	33.74
cb	4.22	34.48

125' W

N. ob	4.58	34.12
gutr	5.25	33.45
10' S	4.60	34.10
20' ✓	4.40	34.30
30' ✓	4.31	34.39
38.08 ✓ = 2' line	4.35	34.35
27.92 N. ob ✓ ✓	4.44	34.26
18' N. ob	4.52	34.18
9' - - -	4.87	33.83
5' gutr	5.60	33.10
cb	4.97	33.73

38.70

150' W

S. ob	5.24	33.56
v qutr	5.87	32.83
9' N	5.12	33.57
18' v	4.80	33.90
28.14 v = 2' line	4.67	34.03
37.86 S. ob N = 2' line	4.45	34.25
30' S. ob N	4.53	34.17
20' v v	4.56	34.14
10' v v	4.85	33.85
N qutr	5.49	33.21
v ob	4.86	33.84

175' W

N. ob	5.04	33.64
N qutr	5.70	33.90
10' S	5.09	33.61
20' v	4.85	33.85
30' v	4.70	34.00
37.63 v = 2' line	4.67	34.03
28.37 N. ob S = v v	4.94	33.76
18' N. ob S	5.05	33.65
9' v v	5.41	33.29
S. qutr	6.11	32.59
v ob	5.47	33.23

Broadway

32

E.L. 1st

S. ob	5.71	32.99
v qutr	6.38	32.72
9' N	5.71	32.99
18' v	5.33	33.27
28.59 v = 2' line	5.13	33.57
37.41 S. ob N = v v	4.96	33.74
30' S. ob N	4.90	33.80
20' v v	5.14	33.56
10' v v	5.31	33.39
N qutr	5.92	32.78
N ob	5.23	33.47

1st

N qutr	5.73	32.97
10' S	5.76	32.94
20' v	5.71	32.99
30' v	5.67	33.03
37.05 v = 2' line	5.67	33.03
28.95 N. ob S = v v	5.87	32.83
18' N. ob S	6.02	32.68
9' v v	6.17	32.53
S qutr	6.36	32.34
T.P. 218 35.90	4.98	33.72
		N.L. 1st
S ob	4.35	31.55
v qutr	5.14	30.76

10' N	4.12	31.78	3667	
20' -	3.77	32.13		
29.39' = 2' line	3.60	32.20		
TP	3.12	35.40	3.62	32.28
36.61 3.0x N = 2' line	2.91	32.49		
20' 3.0x N	2.95	32.45		
10' - - -	3.16	32.24		
N gutter	4.30	31.10		
- ob	3.46	31.95	3612	
25' W				
N ob	3.62	31.78		
-	4.50	30.90		
10' S	3.60	31.80		
20' -	3.30	32.10		
36.40' = 2' line	3.20	32.20		
29.62 N. ob 3.2' line	3.35	32.05		
20' N. ob 3.2'	3.52	31.88		
10' - - -	3.42	31.48		
- gutter	4.80	30.60		
- ob	4.10	31.30		
50' W				
3.60	5.13	30.27		
- gutter	5.13	30.27		
10' N	4.11	31.29		
20' -	3.75	31.65		
29.8' = 2' line	3.55	31.87		

Broadway

36.20 3.0x N = 2' line	5.38	32.02
20' 3.0x N	3.61	31.86
10' - - -	3.80	31.60
N gutter	4.72	30.68
N ob	3.81	31.59
75' W		
N ob	4.51	31.36
- gutter	4.88	30.52
10' S	4.01	31.29
20' -	3.76	31.64
35.99' = 2' line	3.68	31.72
32.01 N. ob 3.2' -	3.77	31.63
20' N. ob 3.2'	3.46	31.44
10' - - -	4.33	31.07
- gutter	5.14	30.26
- ob	4.47	30.93
100' W		
3 ob	4.68	30.72
- gutter	5.35	30.05
10' N	4.54	30.86
20' -	4.24	31.16
30.22' = 2' line	3.97	31.43
35.48 3.0x N = -	3.86	31.54
20' 3.0x N	4.03	31.27
10' - - -	4.19	31.21
N gutter	4.29	31.11
- ob	5.00	30.40

125' W

N. ob	4.50	30.90
v. gutter	5.10	30.80
10' S	4.40	31.00
20' v	4.17	31.23
35.58 v = 2' line	4.05	31.35
30.42 N. ob S = v	4.22	31.18
20' N. ob S	4.38	31.02
10' v v	4.29	30.81
S. gutter	5.56	29.84
v. ob	4.93	30.47

150' W

S. ob	5.12	30.28
v. gutter	5.71	29.69
10' N	4.90	30.50
20' v	4.50	30.90
30.63 v = 2' line	4.36	31.04
35.39 S. ob N = 2' line	4.33	31.07
20' S. ob N	4.40	31.00
10' v v	4.60	30.80
N. gutter	5.26	30.14
v. ob	4.62	30.78

175' W

N. ob	4.76	30.64
v. gutter	5.16	29.94
10' S	4.75	30.65

20' S	4.47	30.93
35.17 v = 2' line	4.45	30.95
30.83 N. ob S = v	4.60	30.80
20' N. ob S	4.72	30.68
10' v v	5.09	30.51
S. gutter	6.00	29.40
v. ob	5.30	30.10

E. Front

S. ob	5.50	29.90
v. gutter	6.09	29.31
10' N	5.36	30.44
20' v	4.90	30.50
31.03 v = 2' line	4.73	30.67
34.97 S. ob N = v	4.63	30.77
20' S. ob N	4.71	30.69
10' v v	5.01	30.39
N. gutter	5.56	29.84
v. ob	5.00	30.40 ^{31.90}

S. of Front

N. gutter	5.65	29.75
10' S	5.29	30.11
20' v	5.04	30.36
34.87 v = 2' line	4.93	30.47
31.13 N. ob S = v	4.97	30.43
20' N. ob S	5.20	30.20
10' v v	5.30	30.10
S. gutter	5.45	29.95

T.P.	3.43	32.78	6.05	29.35
	N. L. Front on S.			
5' cb			3.38	29.40
gutr			3.91	28.87
10' N			3.26	29.53
20' "			2.86	29.92
31.16' = 2' line			2.62	30.16
34.84' S. of N = vu			3.47	30.21
20' S. of N			2.70	30.08
10' " "			3.00	29.78
N			3.42	29.36
cb			2.91	29.87
	25' W			
N cb			3.13	29.65
gutr			3.80	28.98
10' S			3.19	29.59
20' "			2.93	29.83
34.82' = 2' line			2.80	29.98
31.28' N. of S = vu			2.90	29.88
20' N. of S			3.13	29.65
10' " "			3.49	29.29
5' gutr			4.22	28.26
cb			3.63	29.15
	50' W			
5' cb			3.88	28.90
gutr			4.53	28.23

10' N		3.75	29.13
20' "		3.40	29.38
31.30' = 2' line		3.21	29.57
34.80' S. of N = 2' line		3.06	29.72
20' S. of N		3.27	29.51
10' " "		3.54	29.24
N. gutr		4.10	28.68
cb		3.41	29.37
	75' W		
N. cb		3.72	29.06
gutr		4.49	28.29
10' S		3.86	28.92
20' "		3.63	29.15
34.78' = 2' line		3.50	29.28
31.22' N. of S = vu		3.56	29.22
20' N. of S		3.80	28.98
10' " "		4.13	28.65
5' gutr		4.84	27.94
cb		4.18	28.60
	100' W		
5' cb		4.47	28.31
gutr		5.13	27.65
10' N		4.42	28.36
20' "		4.05	28.73
31.24' = 2' line		3.85	28.93
34.76' S. of N = vu		3.97	29.01

40' 3.0xN	3.85	28.93
10' - - -	4.12	28.66
N gutter	4.90	28.08
- cb	4.00	28.78

125 W

N. cb	4.33	28.45
- gutter	4.99	27.79
10' S	4.45	28.33
20' -	4.23	28.55
34.74 - 2' line	4.12	28.66
31.46 N. of S = -	4.17	28.61
20' N. of S	4.43	28.35
10' - - -	4.78	28.00
S gutter	5.50	27.29
- cb	4.90	27.98

150 W

3.00	5.09	27.69
- gutter	5.81	26.97
10' N	5.15	27.63
20' -	4.75	28.03
31.28 - 2' line	4.49	28.29
31.72 3.0xN = -	4.38	28.40
20' 3.0xN	4.49	28.29
10' - - -	4.73	28.05
N gutter	5.37	27.41
- cb	4.63	28.15

175 W

N. cb	4.90	27.88
- gutter	5.67	27.11
10' S	5.04	27.74
20' -	4.79	27.99
34.69 - 2' line	4.67	28.11
31.31 N. of S = -	4.78	28.00
20' N. of S	5.07	27.71
10' - - -	5.44	27.34
S gutter	6.11	26.67
- cb	5.44	27.34

E. L. Union on S

3.00	5.74	27.04
- gutter	6.42	26.34
10' N	5.68	27.10
20' -	5.36	27.42
31.33 - 2' line	5.10	27.68
34.67 3.0xN = 2' line	4.97	27.81
20' 3.0xN	5.10	27.68
10' - - -	5.33	27.45
N gutter	5.93	26.85
- cb	5.16	27.62

E. of Union on S

N gutter	6.25	26.53
10' S	5.86	26.93
20' S	5.62	27.16

31.18 5 = 2' line	5.43	27.35
31.32 No. 5 ✓	5.47	27.31
30 No. 5	5.67	27.11
10 " "	5.83	26.95
5. gutr.	5.97	26.81
N. L. Vapen on 5		
5. ob	6.50	26.28
✓ gutr.	6.96	25.82
10' N	6.31	26.44
20 "	6.02	26.76
31.21 ✓ = 2' line	5.81	26.97
34.69 5. ob No. 5 ✓	5.80	26.98
20' 5. ob N	6.05	26.73
10' " "	6.41	26.37
N. gutr.	7.06	25.72
✓ ob	6.38	26.40
25' W		
N. ob	6.72	26.06
✓ gutr.	7.52	25.26
10' S	6.70	26.08
20 "	6.38	26.40
34.70 ✓ = 2' line	6.16	26.62
31.30 No. 5 ✓	6.15	26.63
20' No. 5	6.40	26.38
10' " "	6.78	26.00
5 gutr.	7.32	25.46

5. ob	6.85	25.93
50' W		
5. ob	7.22	25.56
✓ gutr.	7.65	25.13
10' N	7.16	25.62
20 "	6.80	25.98
31.29 ✓ = 2' line	6.53	26.25
34.71 5. ob No. 5 ✓	6.53	26.25
20' 5. ob N	6.80	25.98
10' " "	7.10	25.68
N. gutr.	7.80	24.98
✓ ob	7.07	25.71
75' W		
N. ob	7.44	25.34
✓ gutr.	8.20	24.58
10' S	7.50	25.28
20 "	7.13	25.63
34.72 ✓ = 2' line	6.90	25.88
31.28 No. 5 ✓	6.95	25.83
20' No. 5	7.18	25.60
10' " "	7.46	25.32
5. gutr.	8.00	24.78
✓ ob	7.57	25.21
100' W		
5. ob	7.87	24.91
✓ gutr.	8.44	24.34

10' N	7.85	24.93
20' ✓	7.46	25.32
31.27 ✓ = 2' line	7.23	25.55
34.73 5.0xN = ✓ ✓	7.22	25.54
20' 5.0xN	7.55	25.23
10' ✓ ✓	7.87	24.91
N. qutr	8.52	24.24
✓ ob	7.83	24.95
125' W		
N. ob	8.15	24.63
✓ qutr	8.90	23.81
10' 5	8.15	24.63
20' ✓	7.87	24.91
34.74 ✓ = 2' line	7.69	25.09
31.26 N. ob 5 = ✓ ✓	7.64	25.14
20' N. ob 5	7.92	24.86
10' ✓ ✓	8.20	24.58
5. qutr	8.76	24.02
✓ ob	8.23	24.55
150' W		
5. ob	8.57	24.21
✓ qutr	9.11	23.67
10' N	8.60	24.18
20' ✓	8.27	24.51
31.26 ✓ = 2' line	8.00	24.78
34.76 5.0xN = ✓ ✓	8.03	24.75

20' 5.0xN	8.22	24.56
10' - - -	8.47	24.31
N. qutr	9.21	23.54
✓ ob	8.55	24.23
175' W		
N. ob	9.00	23.78
✓ qutr	9.61	23.17
10' 5	8.93	23.85
20' ✓	8.57	24.21
34.76 ✓ = 2' line	8.38	24.40
31.24 N. ob 5 = ✓ ✓	8.37	24.41
20' N. ob 5	8.65	24.13
10' ✓ - ✓	8.93	23.85
5 qutr	9.55	23.23
✓ ob	8.93	23.85
T.P.	237	26.19
	8.96	23.82
E.L. STATE		
5. ob	2.67	23.52
✓ qutr	3.37	22.82
10' N	2.62	23.55
20' N	2.40	23.79
31.23 N = 2' line	2.20	23.99
34.77 5.0xN = ✓ ✓	2.20	23.99
20' 5.0xN	2.43	23.76
10' ✓ - ✓	2.45	23.54
N qutr	3.33	22.86
✓ ob	2.71	23.48

L of STATE

N. gutter	3.13	23.06
10' S	3.18	22.01
20' "	3.14	23.05
34.78 v = 2' line	3.07	23.12
31.22 N of S = v	3.07	23.12
20' N of S	3.20	22.99
10' " "	3.25	22.94
5 gutter	3.27	22.92

N. L STATE

S. ob	4.43	21.76
v gutter	5.55	20.64
10' N	4.43	21.76
20' "	4.14	22.05
31.22 v = 2' line	3.89	22.30
34.78 S of N = v	3.91	22.28
20' S of N	4.10	22.09
10' " "	4.44	21.75
N. gutter	5.52	20.67
v ob	4.47	21.72

25' W

N. ob	4.90	21.29
v gutter	6.03	20.16
10' S	5.07	21.12
20' "	4.62	21.57
34.78 v = 2' line	4.36	21.83

31.22 N of S = 2' line	4.40	21.79
20' N of S	4.61	21.58
10' " "	5.03	21.16
5 gutter	6.00	20.19
v ob	4.96	21.23

50' W

S. ob	5.38	20.81
v gutter	6.38	19.81
10' N	5.56	20.63
20' N	5.18	21.01
31.22 v = 2' line	4.93	21.24
34.78 S of N = v	4.90	21.29
20' S of N	5.10	21.09
10' " "	5.54	20.65
N. gutter	6.38	19.81
N. ob	5.34	20.85

75' W

N. ob	5.86	20.34
v gutter	6.78	19.41
10' S	6.00	20.19
20' "	5.56	20.63
34.78 v = 2' line	5.26	20.93
31.22 N of S = v	5.28	20.91
20' N of S	5.58	20.61
10' " "	6.00	20.19
5 gutter	6.72	19.47
S. ob	5.80	20.39

100' W

3. ob	6.23	19.96
- gutr	7.11	19.08
10' N	6.03	19.76
20' -	6.08	20.11
31.22 v = 2' line	5.75	20.44
34.78 S. ob	5.72	20.47
20' S. ob N	5.94	20.25
10' - - -	6.39	19.80
N. gutr	7.20	18.99
v ob	6.34	19.85

125' W

N. ob	6.80	19.39
- gutr	7.63	18.56
10' S	6.80	19.39
20' S	6.42	19.77
34.78 v = 2' line	6.25	19.94
31.22 N. ob S. v	6.21	19.98
20' N. ob S	6.44	19.75
10' - - -	6.76	19.43
3. gutr	7.47	18.72
- ob	6.70	19.49

150' W

3. ob	7.14	19.05
- gutr	7.92	18.27
10' N	7.16	19.03

20' N	6.86	19.33
31.22 v = 2' line	6.70	19.49
34.78 S. ob N. v	6.68	19.51
20' S. ob N	6.91	19.28
10' - - -	7.28	18.91
N. gutr	8.03	18.16
v ob	7.38	18.81

175' W

N. ob	7.76	18.43
- gutr	8.45	17.74
10' S	7.53	18.66
20' -	7.30	18.89
34.78 v = 2' line	7.16	19.03
31.22 N. ob S. v	7.16	19.03
20' N. ob S	7.44	18.75
10' - - -	7.74	18.45
3. gutr	8.30	17.89
v ob	7.65	18.51

E. I. Columbia

3. ob	8.16	18.03
- gutr	8.63	17.56
10' N	8.14	18.05
20' N	7.77	18.42
31.22 v = 2' line	7.58	18.61
34.78 S. ob N. v	7.50	18.69
20' S. ob N	7.63	18.56

10' 5.0 x N	7.98	18.21	348
N. qutr	8.76	17.43	
N. cb	8.14	18.05	
W. Columbia			
N. qutr	9.05	17.14	
10' 5	8.61	17.58	
30' ✓	8.40	17.79	
3 1/8 ✓ = 2' line	8.27	17.92	
31.2 N. of S ✓	8.42	17.77	
20' N. of S	8.53	17.66	
10' ✓ ✓	8.98	17.21	
S. qutr	9.43	16.76	
W. L. Columbia			
S. cb	10.04	16.15	
✓ qutr	10.55	15.64	
10' N	9.77	16.42	
20' ✓	9.37	16.82	
31.19 ✓ = 2' line	9.14	17.05	
34.81 S. of N ✓	8.87	17.32	
20' S. of N	8.96	17.23	
10' ✓ ✓	9.18	17.01	
N. qutr	9.70	16.49	
✓ cb	8.98	17.21	
25' W			
N. cb	9.41	16.78	
✓ qutr	10.05	16.14	

10' 5	9.50	16.69	
20' 5	9.25	16.94	
34.82 ✓ = 2' line	9.23	16.96	
31.15 N. of S ✓ ✓	9.50	16.69	
20' N. of S	9.63	16.56	
10' ✓ ✓	10.10	16.09	
S. qutr	10.87	15.32	
✓ cb	10.37	15.82	
T.P.	3.88	19.68	10.39
			15.80
50' W			
S. cb	4.10	15.58	
✓ qutr	4.71	14.97	
10' N	3.87	15.81	
20' ✓	3.45	16.23	
31.17 ✓ = 2' line	3.26	16.42	
34.83 S. of N ✓	3.13	16.55	
20' S. of N	3.18	16.50	
10' ✓ ✓	3.38	16.30	
N. qutr	3.90	15.78	
✓ cb	3.35	16.33	
75' W			
N. cb	3.80	15.88	
✓ qutr	4.43	15.25	
10' 5	3.73	15.95	
20' ✓	3.56	16.12	
34.84 ✓ = 2' line	3.49	16.19	

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Broadway 42

31.16 N of S = 2' line	3.61	16.07
20' N of S	3.88	15.80
10' " " "	4.23	15.45
S. gutter	5.10	14.58
" " " "	4.50	15.18
	100' W	
S. cb	4.50	14.98
" gutter	5.41	14.27
10' N	4.63	15.05
20' " "	4.25	15.43
31.15 " = 2' line	4.07	15.66
34.85 S of N " "	3.86	15.82
20' S of N	3.90	15.78
10' " " "	4.13	15.55
N. gutter	4.80	14.88
" " " "	4.30	15.38
	125' W	
N. cb	4.67	15.01
" gutter	5.15	14.53
10' S	4.50	15.18
20' " "	4.27	15.41
34.87 " = 2' line	4.26	15.42
31.13 N of S " "	4.41	15.27
20' N of S	4.65	15.03
10' " " "	5.00	14.68
S. gutter	5.76	13.92

S. cb	5.10	14.58
	150' W	
S. cb	5.52	14.16
" gutter	6.10	13.58
10' N	5.40	14.28
20' " "	5.07	14.61
31.11 " = 2' line	4.82	14.86
34.89 S of N " "	4.64	15.04
20' S of N	4.73	14.95
10' " " "	4.95	14.73
N. gutter	5.58	14.10
" " " "	5.04	14.64
	175' W	
N. cb	5.35	14.33
" gutter	5.93	13.75
10' S	5.31	14.37
20' S	5.17	14.54
34.91 " = 2' line	5.07	14.61
31.09 N of S " "	5.18	14.50
20' N of S	5.46	14.22
10' " " "	5.78	13.90
S. gutter	6.48	13.20
" " " "	5.75	13.90
	E. L. INDIA	34.95
S. cb	6.18	13.50
" gutter	6.89	12.79

1968

10' N	6.08	13.60
20' v	5.78	13.90
31.07 v = 2' line	5.49	14.19
34.93 30' N = 2' line	5.31	14.37
20' 3.0 x N	5.50	14.18
10' v v	5.73	13.95
N. gutr	6.22	13.46
v cb	5.76	13.92
INDIA		
N. gutr	6.43	13.25
10' S	6.07	13.61
20' S	5.77	13.91
34.94 v = 2' line	5.64	14.04
31.06 N of 30' v	5.80	13.88
20' N of S	6.06	13.62
10' v v	6.21	13.47
S. gutr	6.30	13.78
W. L. INDIA		
BP	6.78	13.90 SW
S. cb	6.78	12.90
v gutr.	7.28	12.40
10' N	6.52	13.16
20' N	6.18	13.50
31.05' N = 2' line	6.04	13.64
34.95 3.0 x N v	5.90	13.78
20' S of N	6.14	13.54
10' S v	6.42	13.26

Broadway

43

N. gutr	6.95	12.73
- cb	6.34	13.34
25' N		
N. cb	6.61	12.07
- gutr	7.20	12.48
10' S	6.58	13.10
40 v	6.35	13.33
34.95 v = 2' line	6.18	13.50
31.05 N of 30' v	6.33	13.35
20' N of S	6.52	13.16
10' v v	6.85	12.83
S. gutr	7.54	12.14
v cb	7.07	12.61
50' N		
S. cb	7.37	12.31
- gutr.	7.83	11.85
10' N	7.11	12.57
20 v	6.79	12.89
31.05 v = 2' line	6.63	13.05
34.95 3.0 x N v	6.50	13.18
20' 3.0 x N	6.65	13.03
10' v v	6.93	12.75
N. gutr	7.46	12.22
- cb	6.85	12.83

19.68

75' W

N. cb	7.00	12.68
v gutr	7.67	12.01
10' S	7.09	12.59
20' S	6.87	12.81
34.95 v = 2' line	6.78	12.90
31.05 N. of S v	6.93	12.75
20' N. of S	7.07	12.61
10' - - -	7.41	12.27
5' gutr	8.06	11.62
- cb	7.71	11.97

100' W

5' cb	8.02	11.66
v gutr	8.30	11.38
10' N	7.80	11.88
20' - - -	7.45	12.23
31.05 v = 2' line	7.30	12.38
34.95 S. of N v	7.13	12.55
20' S. of N	7.20	12.48
10' - - -	7.37	12.31
N. gutr	8.00	11.68
- cb	7.25	12.43

125' W

N. cb	7.53	12.15
v gutr	8.23	11.45
10' S	7.73	11.95

Broadway

46

20' S

7.53	12.15	
34.95 v = 2' line	7.52	12.16
31.05 N. of S v	7.56	12.12
20' N. of S	7.67	12.01
10' - - -	8.00	11.68
5' gutr	8.55	11.13
- cb	8.40	11.28

150' W

5' cb	8.70	10.98
- gutr	8.50	10.88
10' N	8.33	11.35
20' - - -	8.00	11.68
31.05 v = 2' line	7.90	11.78
34.95 S. of N v	7.84	11.84
20' S. of N	7.80	11.88
10' - - -	7.98	11.70
N. gutr	8.50	11.18
- cb	7.83	11.85

175' W

N. cb	8.10	11.58
v gutr	8.73	10.95
10' S	8.31	11.37
20' - - -	8.13	11.55
34.95 v = 2' line	8.10	11.58
31.05 N. of S v	8.30	11.38
20' N. of S	8.31	11.37

19.68

10' N x S		8.52	11.16
5' qutr		9.06	10.62
cb		8.90	10.78
			34.95
	E.L. ARCTIC		
5' cb		9.13	10.52 = SE 10.50
qutr		9.14	10.54
10' N		9.30	10.38
20' "		8.82	10.86
31.05' - 2' line		8.65	11.03
34.95' 5.0' N - ✓		8.37	11.31
20' 5.0' N		8.30	11.38
10' " " "		8.12	11.56
N. qutr		8.23	11.45
cb		8.83	10.85
T.P.	-2.56	8.25	11.43
	13.97	8.27	11.41
	E. ARCTIC		
N qutr		3.23	10.94
10' S		3.02	10.93
20' S		3.07	10.90
34.95' - 2' line		3.00	10.97
31.05' 10.0' S - ✓		3.29	10.68
20' H.O.S.		3.23	10.74
10' " " "		3.37	10.60
5' qutr		3.63	10.34

Brandy

45

W.L. Arctic

5' cb		4.47	9.50
5' qutr		4.92	9.05
10' N		4.32	9.63
20' N		4.02	9.95
31.05' - 2' line		3.71	10.26
34.95' 5.0' N - ✓		3.37	10.60
20' 5.0' N		3.52	10.45
10' " " "		3.76	10.21
N. qutr		4.18	9.79
cb		3.44	10.53

25' W

N. cb		3.92	10.03
qutr		4.77	9.20
10' S		4.18	9.79
20' S		3.92	10.03
34.95' - 2' line		3.95	10.22
31.05' 10.0' S - ✓		3.88	10.09 can't change
20' H.O.S.		4.13	9.84
10' " " "		4.22	9.73
5' cb no qutr		4.61	9.34
	4.7 W		
5' cb no qutr		4.72	9.22
10' N		4.47	9.50

30 W

5' cb	5.22	8.74
5' qutr	5.60	8.37
10' N	4.82	9.15
20' "	4.46	9.51
30' " on turnout permanent	4.25	9.72
41.05' ✓ = 2' line single track	4.08	9.89
34.95' 3' of N	4.15	9.82
20' 3' of N	4.36	9.61
10' " " "	4.62	9.35
N' qutr	5.23	8.72
✓ cb	4.42	9.55

75 W

N' cb	4.88	9.09
✓ qutr	5.52	8.45
10' 3'	5.05	8.92
20' 3'	4.72	9.15
34.95' ✓ = 2' line	4.57	9.40
41.05' N of 3'	4.56	9.41
30' N of 3'	4.65	9.32
20' ✓ " " on Depot curve	4.70	9.27
10' ✓ " " "	5.25	8.72
5' qutr	6.00	7.97
✓ cb	5.48	8.49

100 W

5' cb	5.78	8.19
✓ qutr	6.33	7.64
10' N on Depot curve	5.20	8.77
20' "	5.28	8.69
30' "	5.00	8.97
41.05' ✓ = 2' line	4.93	9.04
34.95' 3' of N	4.93	9.04
20' 3' of N	5.02	8.93
10' " " "	5.35	8.62
N' qutr	6.03	7.94
✓ cb	5.28	8.69

125 W

N' cb	5.73	8.24
✓ qutr	6.47	7.50
10' 3'	5.74	8.23
20' "	5.47	8.50
34.95' ✓ = 2' line	5.32	8.63
41.05' N of 3'	5.29	8.68
30' N of 3'	5.40	8.57
20' ✓ " " on Depot curve	5.52	8.45
10' ✓ " " "	5.53	8.42
5' qutr	6.64	7.33
✓ cb	6.15	7.82

150' W

5.06	6.49	7.48
✓ gutr	7.03	6.94
10' N	6.37	7.60
20' ✓	5.97	8.00
30' ✓	5.56	8.41
41.05 ✓ = 2' line	5.65	8.32
34.95 5.0 x N ✓	5.70	8.27
20 5.0 x N	5.87	8.10
10 ✓ ✓ ✓	6.02	7.95
N ob no gutr.	5.90	8.07

10/21/21

Gregory
Moore
Miller
Shaw

Levels on Ocean St
Prospect to S. Coast Blvd
Levels taken on 6 + 4' E+W. of L.

0.77 94.84 94.07 SW Prospect + Girard

N. L. Prospect.

H'W	2.58	92.26	comparing
L	4.63	92.21	comparing
H'E	2.53	92.31	-

25' N

H'E	3.6	91.2	
L	3.7	91.1	
H'W	3.6	91.2	

50' N

H'W	4.5	90.3	
C	4.4	90.4	
H'E	4.3	90.5	

75' N

H'E	6.0	88.8	
L	6.2	88.6	
H'W	6.2	88.6	

100' N

H'W	8.9	85.9	
C	8.8	86.0	
H'E	9.0	85.8	

0.62 82.75 81.51 104.71 84.13

82.75

48

125' N

H'E	2.5	80.3
C	2.5	80.3
H'W	2.7	80.1

139' N

H'W	5.9	76.9
C	5.8	77.0
H'E	5.7	77.1

153' N

H'E	8.6	74.2
C	8.5	74.3
H'W	8.1	74.7
J.P.	0.30	70.75 69.51
		123.0
		70.45 69.21

175' N

H'W	3.1	67.7
C	2.8	68.0
H'E	2.7	68.1

200' N

H'E	8.3	62.5
C	8.1	62.7
H'W	8.4	62.4

206' N

H'W	12.1	58.7
C	10.1	60.7
H'E	9.7	61.1

70.75

210' 0" N. of Edge of Walk on S. Coast Blvd

↓ E	15.07	55.68	on walk
c	15.1	55.65	✓
↓ W	15.16	55.59	✓

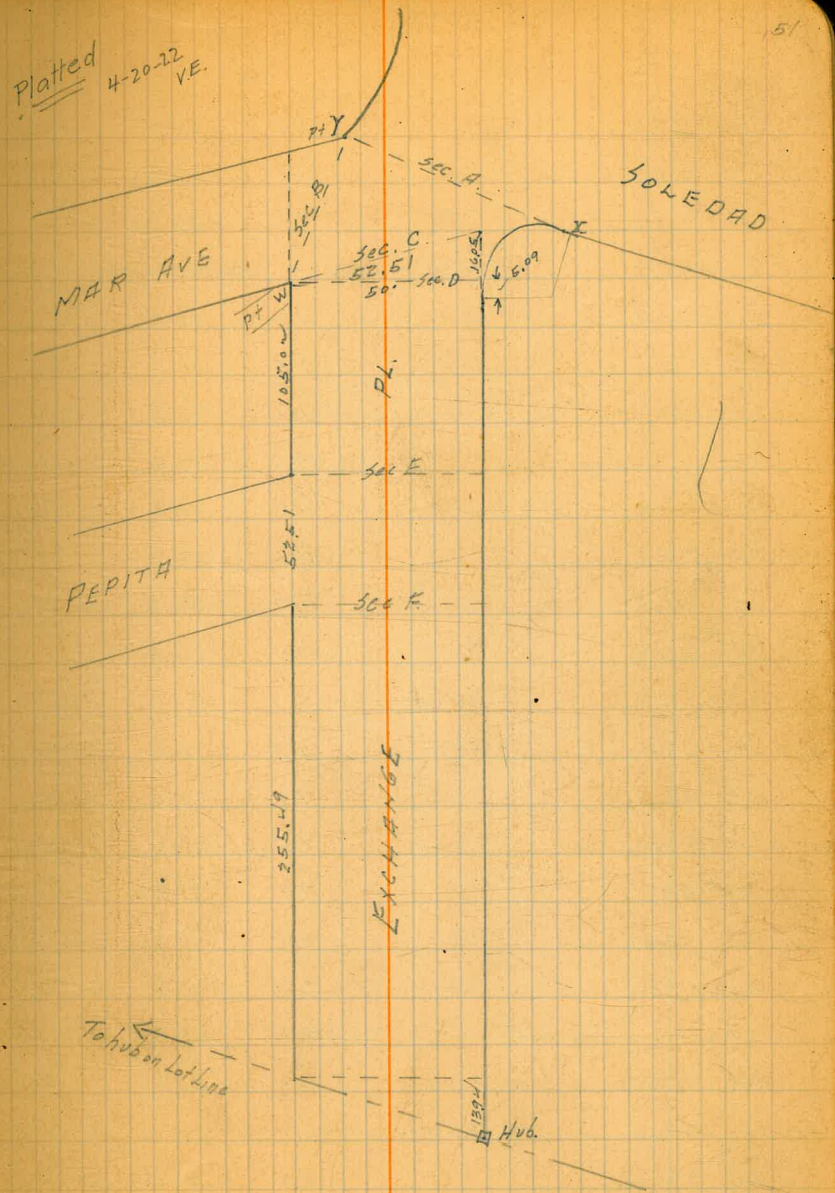
49

4/12/12
Loreport
Moore
Miller
Shaw

CROSS SECTION OF
EXCHANGE PL. 50' wide
10' cbs.
7.5' 1/4's
from Mar Ave.
To S. End

BP SW
College + Exd

	12.52	197.53		185.01
T.P.	12.59	209.92	2.70	197.33
T.P.	12.70	222.55	0.07	209.85
Sec. A.				
W.L.			6.0	16.6
15' E	on cement curb		6.5	16.1
15' E	in gutter		7.3	15.3
25' E			5.7	16.9
40' E			4.3	18.3
55' E			2.8	19.8
70' E			1.9	20.7
77 1/2' E = PT X			1.3	21.3
Sec. B.				
PT Y			6.0	16.6
15' S			4.2	18.4
30' S			2.0	20.6
45' S			0.4	22.2
T.P.	12.76		0.11	222.44
61' S = PT W			10.1	24.8
Sec. C.				
W			10.2	24.8
66			11.3	23.9
74			12.3	22.9
C			13.3	21.9
+5			14.2	20.8
74			12.3	22.9



~~235.20~~
235.20

Platted

+L	9.5	25.7	
cb	9.7	25.5	
E	9.9	27.3	
Sec. D = 0+00 50' wide from here			
E. cb	4.8	30.4	
+5	7.5	27.7	
1/4	10.4	24.8	
+4	12.8	22.4	
C	11.9	23.3	
1/4	11.5	23.7	
cb	10.4	24.3	
W	10.4	24.8	
0+75			
W	6.9	28.3	
10E=cb	7.1	28.1	
1/4	7.5	27.7	
+5.5	7.9	27.3	
C	9.5	25.7	
+5	7.5	27.7	
1/4	5.9	29.3	
cb.	0.2	35.0	
0+50			
cb	+0.3	24.9	35.5
1/4	2.7	32.5	
+2.5	3.7	31.5	
C	3.7	31.5	

EXCHANGE

52

+2.5	5.9	29.3	
+4	3.7	31.5	
1/4 = E.L. Roadway	3.7	31.5	
cb = W.L. Roadway	3.4	31.8	
+4	3.7	31.5	
W	2.5	32.7	
T.P.	13.31	248.36 235.71	0.15
0+75			
W	11.5	37.9	
+5	13.1	35.3	
cb = W.L. Roadway	12.6	35.8	
1/4 = E.L.	12.6	35.8	
+2.5	12.6	35.9	
+5	14.8	33.6	
C	12.5	35.9	
+3	12.5	35.9	
1/4	9.4	39.0	
+2.5	6.5	41.9	
cb	5.3	43.1	
1+05.02 = N.L. Pepita			
cb	+0.4	236.1	48.8
+6	2.0	46.4	
1/4	4.1	44.3	
+2.5	7.2	41.2	
+7	8.0	40.4	
C	9.3	39.1	

+ 2.5 = E.L. Roadway	8.2	40.2		
1/4	8.3	40.1		
cb = W.L. Roadway	8.2	40.2		
W	6.9	41.5		
2 Papita				
W	4.2	44.0		
cb = W.L. Roadway	4.7	43.7		
1/4	4.4	44.0		
+ 3 = E.L. Roadway	4.7	43.7		
C	5.5	42.9		
+ 5	4.5	45.9		
1/4	0.0	48.4		
E. cb.	+ 5.4	241.1	53.8	
S.L. Papita = 0+00				
cb	+ 10.5	246.2	58.9	
+ 3	+ 8.8	244.5	57.2	
1/4	+ 4.0	239.7	52.4	
C	1.7	46.7		
+ 3 = E.L. Roadway	0.8	47.6		
1/4	0.6	47.8		
cb = W.L. Roadway	0.8	47.6		
W	1.2	47.2		
T.P.	1292	261.20	248.55	248.28
		0+25		
W	11.7	49.5		
+ 4	10.1	51.1		

cb = W.L. Roadway	9.9	51.3
1/4	9.8	51.4
+ 3.5 = E.L. Roadway	9.9	51.3
C	11.1	50.1
1/4	3.8	57.4
cb	+ 3.2	252.0
		64.6
	0+50	
E. cb	+ 5.1	66.6
+ 3	+ 5.1	66.3
1/4	0.7	60.5
C	6.8	54.4
+ 3.6	8.0	53.2
+ 5 = E.L. Roadway	6.7	54.5
1/4	6.2	55.0
cb = W.L. Roadway	6.2	55.0
+ 7	6.4	54.8
+ 7.5	6.7	54.5
W	5.8	55.4
	0+75	
W	5.3	55.9
+ 3	3.0	58.2
cb	2.5	58.7
1/4	4.8	58.4
+ 3	3.1	58.1
+ 5	4.8	56.4
C	3.2	58.0

T.P.	1249	273.53 460.88	0.16	248.39	261.04
+2			13.6	59.9	
1/2			7.9	65.6	
+w			6.5	67.0	
cb			6.1	67.4	
	1400				
cb			5.8	67.7	
1/4			6.1	67.4	
c			12.7	60.8	
1/2 = E.L. Roadway			11.8	61.7	
cb			11.4	62.1	
+6 = W.L. Roadway			11.7	61.8	
W			14.0	59.5	
	1475				
W			7.8	65.7	
+1			10.8	62.7	
+3.5			10.7	62.8	
+4 = W.L. Roadway			8.5	65.0	
cb			8.0	65.5	
1/6			8.2	65.3	
+4 = E.L. Roadway			8.3	65.2	
c			9.3	64.2	
1/4			5.2	68.3	
cb			4.1	69.4	
	1450				
cb			1.0	72.5	

1/4			2.2	71.3	
+4.5			2.6	70.9	
+6.			6.2	67.3	
c			4.7	68.8	
1/2 = E.L. Roadway			4.3	69.2	
cb			4.2	69.3	
+6 = W.L. Roadway			4.4	69.1	
+7			7.1	66.4	
W			6.0	67.5	
	1475				
W.			3.8	69.7	
+4 = W.L. Roadway			0.9	72.6	
cb			0.7	72.8	
+4			0.4	73.1	
1/2 = E.L. Roadway			0.7	72.8	
c			1.3	72.2	
+1.5			3.6	69.9	
T.P.	1296	286.41 273.76	0.08	460.80	273.45
+5			11.7	74.7	
1/4			11.3	75.1	
cb			10.0	76.4	
	2100				
cb			8.5	77.9	
1/4			9.8	76.6	
+4			10.1	76.3	
+6			12.9	73.5	

286.91
273.76

Exchange 55

C	10.6	75.8
1/4 = E.L. Roadway	10.1	76.3
+5	9.8	76.6
cb = W.L. Roadway	10.2	76.2
+5	10.5	75.9
+6	13.2	73.2
W	12.4	74.0
	2+25	
W	6.3	80.1
+2.5	9.3	77.1
+5 = W.L. Roadway	6.6	79.8
cb	6.2	80.2
1/4 = E.L. Roadway	6.3	80.1
C	6.8	79.6
+2.5	8.1	78.3
+5	6.1	80.3
1/4	5.8	80.6
cb	4.8	81.6
	2+50	
cb	1.0	85.4
1/4	1.7	84.7
C	2.9	83.5
+2	4.4	82.0
+3.5	3.0	83.4
1/4 = E.L. Roadway	2.7	83.7
cb	2.4	84.0

+6 = W.L. Roadway	3.1	83.3
+8	5.0	81.4
W	2.8	83.6
	2+55 upon West } = S. End of St. 2+6394 u East }	
W	3.5	82.9
+2.5	1.7	84.7
cb	0.8	85.6
1/4	0.9	85.5
C	0.0	86.4
1/4	0.0	86.4
cb.	0.0	86.4
	3.83	289.55
		246.90
	0.69	285.74
	1.61	273.07
		275.29 Hub on East
		287.94

5/12/24 Longwood Survey of SW portion of City Park

Random Line 316.0'

R 89° 30' 00"

West Line of Park 1000.00'

← 79.8 → End of Cement Cb. radius = 34'

DATE ST.

Mon. SW cor. Park.

56.29

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

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52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

52'

774.57

508.55

1437.164

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

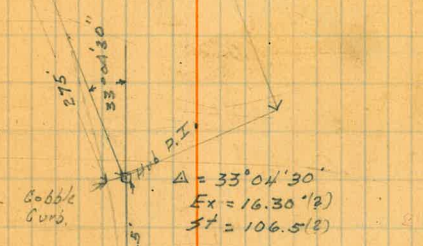
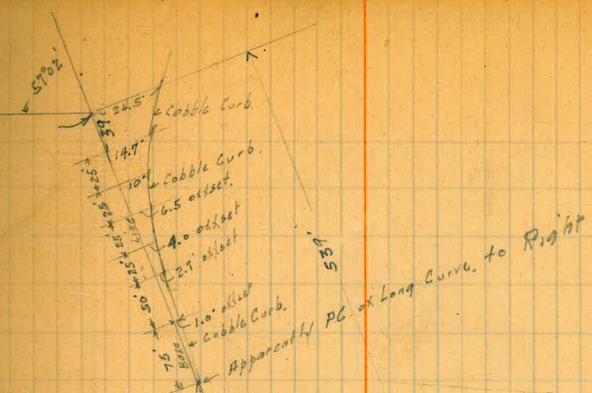
10' rad.

10' rad.

10' rad.

10' rad.

10' rad.



△ = 33° 04' 30"
Ex = 16.30' (2)
St = 106.5' (2)

rad = 62.5

89° 54'

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

10' rad.

Mon.

Mon.

Mon.

Cross Section of Alley (15' wide)
 Betw. Thorpe + Ufas - 29th + Dale St
 BIK 2 Lyxhurst Add

7/2/24
 Moore
 Ellis
 Shaw
 NE BT
 Kansas + Ufas

	2.23	327.75	325.52
		0+00 = S.L. Ufas	
W on Paving		2.84	324.91
C		3.17	324.58
E		2.85	324.90
		0+20	
E		2.6	325.1
C		2.8	325.0
W		2.7	325.1
		0+55	
W		3.2	324.5
C		3.1	324.6
E Garage Ctr. Conc. Apron		3.17	324.58
		0+93	
E		3.7	324.0
C		3.7	324.0
W		3.6	324.1
W Conc. Apron + 0.8 Garage		3.50	324.1
		1+19	
W		3.6	324.1
C		3.8	324.0
W Conc. Apron + 6.3 Garage		3.85	323.90
		1+41	
E		4.3	323.4
C		4.2	323.5

			327.75
W	4.2		323.5
W + 1.0 Conc. Apron Garage	4.0		323.7
		1+70	
W	4.4		323.3
C	4.5		323.2
E	4.6		323.1
		2+00	
E	4.3		323.4
C	4.4		323.3
W	4.5		323.2
		2+40	
W	4.8		322.9
C	4.9		322.8
E Garage Dirt Floor	5.3		322.4
		2+55	
E Shed. 5 in Alley	5.6		322.1
C	5.5		322.2
W	5.4		322.3
		3+00	
W	6.2		321.8
E	6.3		321.4
E	6.4		321.3
		3+50	
E	6.7		321.0
C	6.9		320.8
	6.7		321.0

321.75

4+00

W	6.9	320.8
C	6.8	320.9
E	7.0	320.7

4+35

E	7.1	320.6
C	7.1	320.6
W	6.9	320.8

4+50

W	6.9	320.8
C	6.9	320.8
E	7.1	320.6

4+68

E	7.3	320.4
C	7.1	320.6
W on Corn Walk 2' wide	7.4	320.3

4+94

W	7.1	320.6
O	7.1	320.6
E	7.2	320.5

TP	3.95	324.23	7.47	320.28
----	------	--------	------	--------

5+50

E on Corn Garage Floor 7 in Alley	4.11	320.1
C	3.9	320.7
W	4.0	320.7

60

324.23

5+67

W on Corn Garage Floor	3.7	320.5
---------------------------	-----	-------

5+99.0 N.L. THORN

W on Corn Alley return	3.85	320.4
W qutr	4.1	319.8
C	4.7	319.5
E qutr	4.8	319.4
E on Corn Alley Return	4.22	320.01
Old SPNE 29 th Thorn 321.21	3.00	321.23

Cross Section of Alley 16.0' Wide

Botw. Redwood & Palm - Dale + 30th

N.B. - SIKI Blairs Highland Add.

Both Palm + Redwood need New Alley Returns

12.80 314.86 302.06

7/3/22
Moore
Ellis
Shaw
gwbp
20th + Redwood

S. Curb Line of Redwood

E on curb	8.3	306.73
E gutter	8.6	306.3
C	8.1	306.8
W gutter	7.9	307.0
W on curb	7.51	307.35

0+00 = St Redwood

W	6.3	308.6
C	6.6	308.3
E	6.5	308.4

0+01

E	1.0	313.9
+ 2.5	1.4	313.5
+ 3.5	6.3	308.6
C	6.2	308.7
+ 6	6.0	308.9
W	5.4	309.5

0+02

W	1.1	313.8
+ 01	1.2	313.7
+ 2.5	4.6	310.3
C	4.9	310.0
+ 04	5.1	309.8
+ 0.5	1.0	313.9

314.86

61

F 1.0 313.9

0+25

E 1.0 313.9

+ 03 2.3 312.6

C 2.3 312.6

+ 04 2.3 312.6

W 1.0 313.9

0+45

W 1.1 313.8

C 1.4 313.5

E 1.3 313.6

0+55

E on Conc Garage floor 1.32 313.54

C 1.4 313.5

W Dirt Garage floor 4.0 Back of Alley 1.5 313.4

T.P. 1.57 314.95 1.48 313.38

1+00

W 2.0 312.9

C 2.0 312.9

E 1.5 313.4

1+06

E on Conc Apron and .5 higher Garage 2.3 back 1.55 313.40

C 2.1 312.8

W 2.0 312.9

314.95

1+40

W	Garage Dint floor 2.5 back	2.1	312.8
C		2.4	312.5
E		2.2	312.7

1+60

E	on Conc. Apron	2.13	312.82
E	Garage floor Elev 2.0 back of Alley	1.65	313.30
C		2.3	312.6
W		2.2	312.7

2+11

W		3.4	311.5
C		3.5	311.4
E	on Conc. Apron 5.6 back of Alley	3.20	311.7

2+44

E	fence .50 in Alley	3.7	311.2
C		3.8	311.1
W	Garage 4.5 back of Alley	3.8	311.1

2+57

W		4.5	310.4
a		4.1	310.8
E	on Conc. Apron 6.0 back	3.71	311.2

3+00

E		4.8	310.1
C		5.3	309.6
W		5.5	309.4

314.95

62

3+25

C	M. Hole	5.80	309.15
---	---------	------	--------

3+55

W		6.8	308.1
C		6.8	308.1
E		5.9	309.0

	Conc. Garage floor 4.0 back	5.0	309.9
--	-----------------------------	-----	-------

4+00

E		7.6	307.3
C		8.1	306.8
W		8.0	306.9

T.P	2.69	308.52	9.14	305.83
-----	------	--------	------	--------

4+50

W		2.7	305.8
C		2.8	305.7
+05		2.6	305.9
+07		1.8	306.7
E	Top cattle wall	0.4	308.1

4+66

E	ctr. of Gravel Driveway	2.1	306.4
C		2.9	305.6
W		3.0	305.5

5+00

W		3.6	304.9
C		3.5	305.0

308.52

+07	foot of wall	2.7	305.8
E	Cobble wall	1.65	306.9

S+44

E	Conc. Apron .5 in Alley	3.20	305.3
	Garage floor 3.3 back of Alley	2.31	306.2

S+49

E	on Conc. Wall .5 in Alley	2.56	305.96
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+01		3.3	305.2
-----	--	-----	-------

C		4.1	304.4
---	--	-----	-------

W		4.5	304.0
---	--	-----	-------

S+99 N L of Palm

W		5.20	303.3
---	--	------	-------

C		5.0	303.5
---	--	-----	-------

E		4.8	303.7
---	--	-----	-------

N curb of Palm St

E		5.06	303.46
---	--	------	--------

W		4.98	303.54
---	--	------	--------

Check on BP SW 30 th + Palm	301.0	7.50	301.02
--	-------	------	--------



CROSS SECTION OF
Alley Bk E Hillcrest
between Wash. & Lewis and 1st - 3rd.

12/30/10
Gregory
Miller
Shaw

on B.M.	4.7	290.16	291.99	3rd SW 3rd Lewis
		5.06	290.93	on cement
E.		5.23	290.93	
W		5.60	290.56	
		5.4	291.3	
W		4.9	291.3	
C		5.0	291.2	
E		4.4	291.8	
		5.3		
E		4.0	292.2	
C		4.5	291.7	
W		4.6	291.8	
		5.0		
W		4.3	291.9	
C		4.3	291.9	
E		4.2	292.0	
T.P.	4.12	295.72	4.56	291.60
		6.4		center of walk to back of house
		4.30		1.3 W. of W.L. = End of walk.
		7.4		center of 8' garage door
		4.1		5.5 W of W.L. = Edge of garage
		7.5		
E.		4.0		
C		4.2		
W		4.2		

Plotted
2-28-21
M.K.

	93' S = center of double garage 16' wide			
	4' E of E.L. = front of garage	4.8	291.4	dirt floor
		100' S		
W		4.5	291.2	
C		4.4	291.3	
E		4.5	291.2	
	126' S = center of 7' garage door.			
	4' E of E.L. = front	4.0	291.7	wood floor
		150' S		
E		4.9	290.8	
		4.8	290.9	
W		4.9	290.8	
	152' S = center of 12' garage door			
	4' E of W.L. = front of door	4.9	290.8	dirt floor
		169' S = center of 8' door on W. E		
	5.3 W of W.L. = front of garage	4.9	290.8	on cement
	3.3 " " " = edge of cement apron.	4.5	290.77	
	4' E of E.L. = front of garage	5.1	290.6	dirt floor
		200' S		
	fence 15.5 in alley on West.			
W		4.9	290.8	
C		4.9	290.8	
E		5.0	290.7	
	205' S = center of 8' garage			
	4' W of W.L. = front of garage	4.3	291.4	wood floor
	fence 13.5 in alley on W 225' S			

2' E of E.L.	43	291.4	wood floor
	450 S		
E	5.4	290.3	
C	5.4	290.3	
W	5.5	290.2	
	252' S = N. side of garage with Entrance on N.		
0.6 E of W.L. = NE cor. garage	5.6	290.1	dirt floor
	255' S = center of 8' garage door		
1.7 E of E.L. = front of garage	5.7	290.0	dirt floor
T.P.	4.27	294.66	5.73 289.99
	251' S = center of 8' garage door		
5' E of E.L. = front	4.1	290.6	concrete floor
	300' S		
W	5.0	289.7	
C	4.9	289.8	
E	4.7	290.0	
	341' S = center of 8.5' garage door		
1.6' W of W.L. = front of garage	5.2	289.5	dirt floor
	350' S		
E	5.1	289.6	
C	5.0	289.7	
W	5.0	289.7	
	353' S = center of 8' garage door		
3.8' W of W.L. = front	5.1	289.6	dirt floor

367' S = center of 8' garage door			
6' W of W.L. = front	5.1	289.6	dirt floor
	390' S = center of 9' garage door		
8.3 E of E.L. = front	4.7	290.0	wood floor
	450' S		
W fence 6' in alley	5.5	289.2	
C	5.4	289.3	
E	5.3	289.4	
	408' S = center of 10' garage door		
9.5 E of E.L. = front	5.1	289.6	concrete floor
	425' S = center of walk to house		
W.L. = end of walk	6.2	288.5	
	430' S = N. End of cement apron to garage		
1.7' W of W.L. = E edge apron	6.2	288.5	
3.4' " " " = front of garage	6.1	288.6	concrete floor
	450' S		
E	6.0	288.7	
C	6.0	288.7	
W	6.1	288.6	
	456' S = S End of cement apron		
2.0' W of W.L. = E edge	6.1	288.6	
3.7' " " " = front of garage	6.0	288.7	concrete floor
	457.5' S = center of 2' walk to house		
2' W of W.L. = End of walk	6.1	288.6	

490' 3" = center of 8' garage door

3.1' W. of W.L. = front 6.6 288.1 dirt floor

500' 3"

W 6.6 288.1

C 6.6 288.1

E 6.6 288.1

528' 3" = center of 8' garage door

8' W. of W.L. = front 7.3 287.4 dirt floor

533' 3" = center of 8' door

1.5' E. of E.L. = front 6.8 287.9 cement floor

550' 3"

E 6.8 287.9

C 7.1 287.6

W 7.1 287.6

567' 3" = center of 8' door

4.1' W. of W.L. = front 7.3 287.4 dirt floor

586' 3" = center of 8' door

.5' W. of W.L. = Edge cement apron 7.6 287.1

3.5' - - - = front of garage 7.4 287.3 cement floor

600' 3"

W 8.0 286.7

C 7.8 286.9

E 7.6 287.1

639.4 = N.L. Washington

E 7.8 286.9

C 8.4 286.3

W. 8.4 286.3

N. C. Washington

W 8.5 286.2 on cement

E 8.4 286.3

Relocation of
a portion of Survey
on page 2 this book.

06046
1 30
20 23 00
6046
9.06 9.00

1493 49
24571
124778

69

11 50
38 50
11 26
11 9 013

12+38.98 EC. = 12+47.78 on old location

R = 150.0

for x sections

11+90.13 PI Δ 38° 53'

st. = 52.95

here see book 1102

lc = 101.80

page 16

11+37.18 PC.

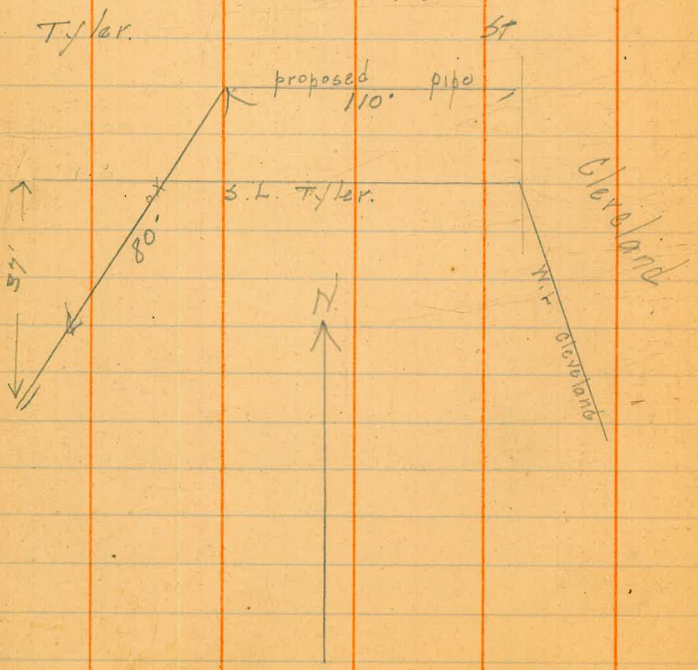
500
377
123

7+49.27 EC. on page 1 this book remains the same.

x 30'

Profile Elev. for Pipe on S Gutter
Tyler from Cleveland West.

	Elev.
W.L. Cleveland	309.3
50' W	306.4
84' W	304.0
105' W	293.0
110' W Δ	292.3
150' W	289.4
190' W	285.0



Gregory
11/16
Shad.

Levels on Bridge Opening
E of Detroit on
Radio Drive

Assumed HI
300.00

0+00 = 50' N. of N End Bridge

10' W. of Q	+1.0	301.0
Q	+0.5	300.5
10' E. of Q	+1.0	301.0

0+25 = Tally

10' W	3.6	296.4
6' W	2.0	298.0
C	2.3	297.7
10' E	2.1	297.9

0+45

10' E	4.7	295.3
9' E	4.0	296.0
C	3.7	296.3
7' W	3.3	296.7
10' W	5.0	295.0

0+50 = N. End present Br.

10' W	5.0	295.0
7.8 W = edge Bridge	3.7	296.3
C	4.0	296.0
7.8 E = edge Bridge	4.3	295.7
10' E	6.1	293.9

0+51

10' E	11.2	288.8
C	14.5	285.5
10' W	10.0	290.0

0+55

10' W	11.0
C	15.1
10' E	14.9

0+65

10' E	11.7
C	15.1
10' W	15.7

0+72 = S. End of Br.

10' W	14.1
9' W = Wedge Bridge	
C	11.6

5.3 E = E. Edge Bridge	
10' E	10.9

0+80

10' E	6.3
6' E	3.1
C	2.9
10' W	3.2

0+97 = (Tally)

10' W	0.1
C	1.0
10' E	1.2

see next page for Timber which can be used

Timber which is OK in
Bridges

1 pc 10" x 12" - 20' 4" cap.
2 pcs 10" x 12" - 20' 6" cap.
10 pcs 3" x 12" - 22' stringers
6 pcs 10" x 10" - 8' posts
1 pc 2" x 12" - 18' plank for bulkhead.
10 " 3" x 12" x 12" " wings
10 " 2" x 14" x 15' " deck.

Culvert # 3 Imperial Hwy

	10 ↓	164.79	160.75	BM of plan 18000
inlet flowline		7.19	157.60	157.2 0.40
outlet "		5.03	159.76	155.7 0.20
to road		4.10		160.2

Culvert # 2

	9.42	167.02	157.60	
inlet flow		4.75	162.27	158.5 C 3.77
outlet "		8.40	158.62	157.5 C 1.12

Culvert # 1

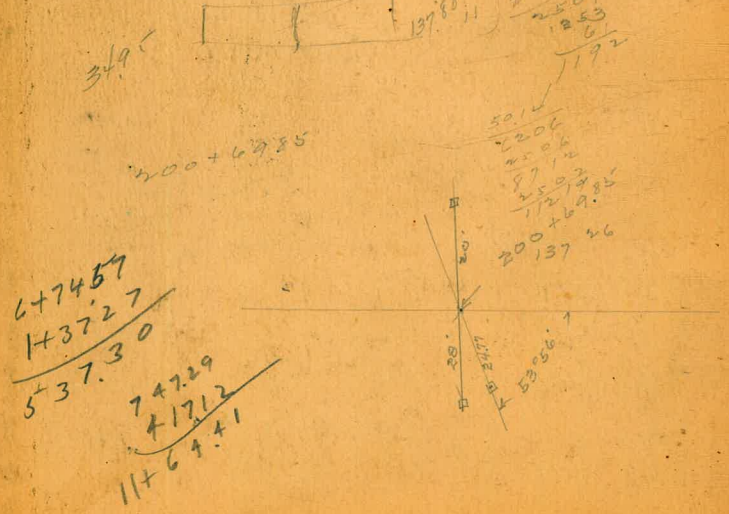
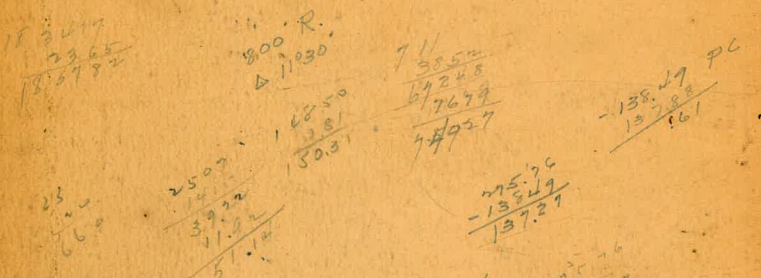
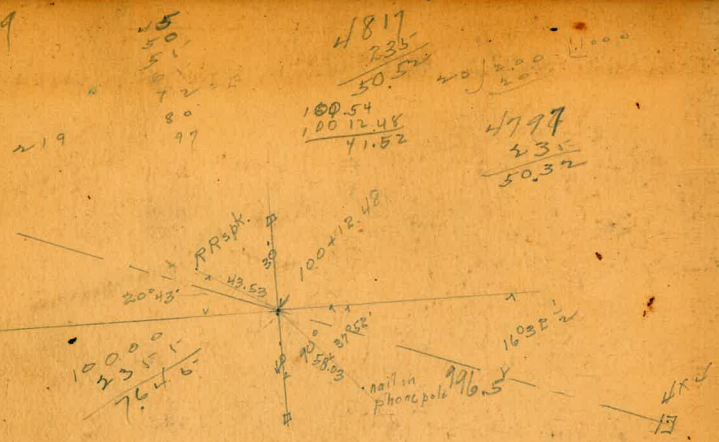
	1.81	150.31	148.50	Co. BM # 10
inlet flowline		4.45	145.86	144.6 - 1.26
outlet "		7.84	142.44	143.6 - 1.11
		5.00	145.31	147.0 - 1.7

4 culvert

	5.87	223.08	217.41	Co. BM # 13
inlet flowline		6.08	217.0	216.40
outlet		6.88	216.4	215.8

17.6
1.3
15

4039



$$\begin{array}{r} 677457 \\ 143727 \\ \hline 53730 \end{array}$$

$$\begin{array}{r} 74729 \\ 41712 \\ \hline 116441 \end{array}$$

128.75 115

3. nail at Lpt 13 3.65 N. of E. of Bridge 25 S. of N. Top.
 4. Bridge is 25.25 S. of N. Imperial Ave.

$$\begin{array}{r} 1981 \text{ } 25000 \\ 12962 \\ \hline 50380 \\ 49925 \\ \hline 4555 \end{array}$$
 11.75

21.2 to pole on 50.

Bridge 20.5 wide over all

Road x br. 18' wide

d of br. is 1.25 H. of d.

$$\begin{array}{r} 81 \\ 3491 \\ \hline 5005 \\ 9 \\ \hline 4101 \end{array}$$

$$\begin{array}{r} 70 \\ 9 \\ \hline 50 \\ 129 \end{array}$$

$$\begin{array}{r} 7918.9 \\ 64 \\ \hline 1114.9 \end{array}$$

$$\begin{array}{r} 2175.46 \\ 107.88 \\ \hline \end{array}$$

$$\begin{array}{r} 34456.80 \\ \hline 31777.58 \end{array}$$

$$\begin{array}{r} 22 \\ 7 \\ \hline 31 \end{array}$$

ENGINEERING DEPARTMENT,
 CITY OF
 SAN DIEGO,
 CALIFORNIA.

$$\begin{array}{r} 12782 \\ 2505 \\ \hline 15287 \end{array}$$