

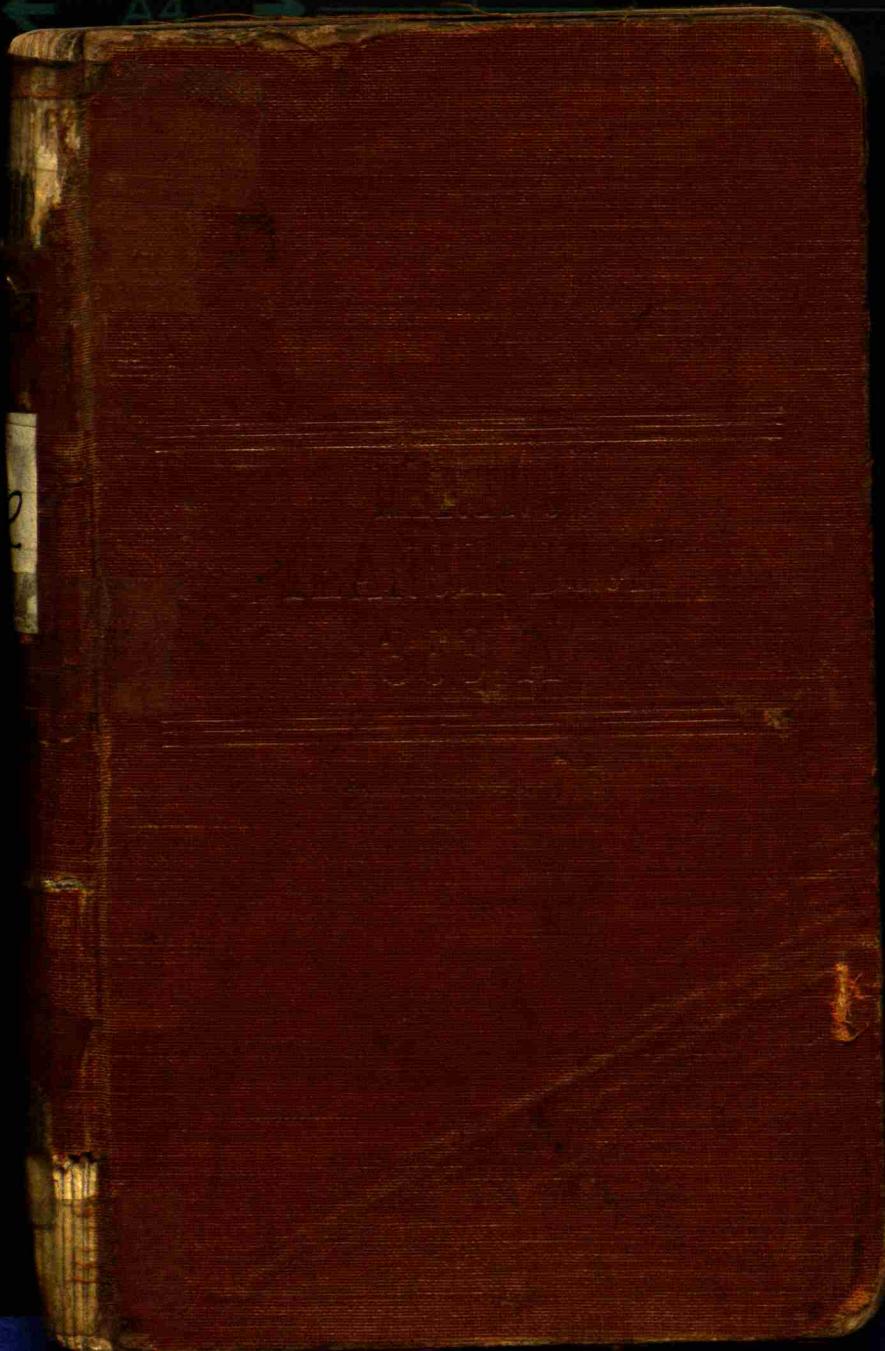
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A4

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LETTER

→



BM. Mid Mt. Headon
210.25

Main Sewer.

Sta	Stk.	Gd	Cut
0+00		208.00	To FL.
1+25	211.25	208.25	3'-0" ✓
0+50	211.50	208.50	3'-0" L
0+75	212.25	208.75	3.50' L
1+00	212.50	209.00	3.50' L
1+25	212.75	209.25	3.50' ✓
1+50	213.00	209.50	3.50' L
1+75	213.25	209.75	3.50' L
2+00	213.50	210.00	3.50 L
2+25	213.25	210.25	3.00 L
2+50	214.00	210.50	3.50 L
2+75	214.25	210.75	3.50 L
3+00	215.00	211.00	4.00 L
3+25	215.25	211.25	4.00 L
3+50	216.00	211.50	4.50 L
3+75	217.25	211.75	5.00 L
4+00	217.50	212.00	5.50 L
4+25	217.75	212.25	5.50 L
4+50	218.00	212.50	5.50 L
4+75	219.25	212.75	6.50 L
5+00	219.00	213.00	6.00 L
5+25	221.25	213.25	8.00 R
5+50	223.00	213.50	9.50 L
5+75	224.25	213.75	10.50 L
6+00	225.00	214.00	11.00 L
6+25	225.25	214.25	11.00 L

17.14.5

LETTER

5

Connections Sta. Name
6" Y - West 4+25 Webb (2)
6" Y to P. Wet 5+50 Adams

Main Sewer from Disposal
Plant to Hwy Street
ADAMS

MH 0+00
FL 208.00 ADAMS

4+23
Webb

5+50
Adams

M. H. 6+25
FL 214.65

numb 16

(1-18" - 1-24" - 1-24")

N. End (215.00)

N. Green St.

Sta	Stk	Gde Cut	
0+76	225.50	215.00	10 1/2
1+01	225.67	215.17	10 1/2
1+26	225.83	215.33	10 1/2
1+51	226.50	215.50	11-
1+76	226.67	215.67	11-
2+01	227.33	215.83	11 1/2
2+26	227.50	216.00	11 1/2
2+51	228.17	216.17	12
2+76	228.83	216.33	12 1/2
3+01	229.50	216.50	13
3+26	229.67	216.67	13
3+51	229.70	216.70	13
			M.H.E
3+55	230.37	216.87	13 1/2
3+80	230.53	217.03	13 1/2
4+05	230.70	217.20	13 1/2
4+30	231.36	217.36	14
4+55	231.53	217.53	14
4+80	231.70	217.70	14
5+05	231.87	217.87	14
5+30	232.03	218.03	14
5+55	232.23	218.23	14 1/2
			<u>24"</u>
5+86	232.40	218.40	14
		218.90	13 1/2
			M.H.
6+11	232.52	219.02	13 1/2
6+36	232.65	219.15	13 1/2
6+61	232.77	219.27	13 1/2
6+86	232.90	219.90	13 1/2

TITTER

BN Cub Mark 2701 - 227.28

M.H. (5'-0")

DET P 420"

(5'-0")

M.H. (6'-0") & Main Green
 E com. 219.07
 W " 219.90

5+86-4-6"-CB, connecting 5"

5 to 51R Gd Cut

7+11 23252 219.52 13
7+36 23265 219.65 13
7+61 23277 219.77 13
7+86 23290 219.90 13
8+11 233.02 220.02 13
8+43 233.17 220.17 13
8+20 232.79 220.29 12 1/2
8+91 232.92 220.42 12 1/2
9+16 232.54 220.54 12
9+41 232.67 220.67 12
9+66 232.79 220.79 12
9+91 232.42 220.92 11 1/2
10+16 232.54 221.04 11 1/2
10+37 23265 221.15 11 1/2
10+62 232.90 221.40 11 1/2
10+87 23249 221.49 11
11+12 232.57 221.57 11
11+37 232.15 221.65 10 1/2
11+62 232.24 221.74 10 1/2
11+87 232.82 221.82 11
12+12 23241 221.91 10 1/2
12+37 232.49 221.99 10 1/2
12+62 232.58 222.08 10 1/2
12+87 232.17 222.17 10
13+12 232.25 222.25 10
13+37 232.34 222.34 10
13+62 232.19 222.43 9 1/2

(221.32)

7+28-8" Con E+W

7+87 10' + VE

M.H. Green & Ch.
8+41. - 12' + Y W - 12x8"E

9+55-12' W

M.H. Vermont + Green 2" Rise
12" Rise in W. sewer.

11+14 10' + VE 10' + VW

12+15-10' + VW

12+52-10' + VE

13+32 10' + VW

13+68-10' + YE

Sta	Sta	Gd	Cut
13+87	232.01	222.51	9 1/2
14+12	232.10	222.60	9 1/2
14+39.5	232.19	222.69	9 1/2
14+64	232.75	223.25	9 1/2
14+89	233.34	223.34	10
15+25	234.62	223.46	11' 2" S.R.S.
15+43	235.04	223.52	11' 6" N.R.M.
15+68	233.60	223.60	10
15+93	233.19	223.69	9 1/2
16+18	233.27	223.77	9 1/2
16+46.5	233.65	223.87	9' 9 1/2" N.R.T.H.
16+68	233.44	223.94	9 1/2
16+93	233.04	224.03	9
17+18	233.11	224.11	9
17+43	233.70	224.20	9 1/2
17+68	233.78	224.28	9 1/2
17+93	234.31	224.37	10
18+18	234.95	224.45	10 1/2
18+43	235.54	224.54	11
18+68	235.12	224.62	10 1/2
18+93	235.21	224.71	10 1/2
19+18	235.29	224.79	10 1/2
19+43	235.38	224.88	10 1/2
19+68	235.47	224.97	10 1/2
19+99	235.57	225.07	10 1/2
20+24	235.40	225.40	10
20+49	234.99	225.49	9 1/2

M.H.

M.H.

22532 10:3"

41

14+11-10'+Y W ✓

Green + RR 18" E Rise 4" V

14+89-12+Y W V

15+93-12+V W V

15+95-12+V E ✓

17+43-12+V W V

17+43-12+V E

18+58-12+V E

18+63-12+V W

Railroad

STA 12 St. Gd. Cut

0+00	232.19	223.02	9'-2"
0+33	232.63	223.13	9'-6"
0+67	232.74	223.24	9'-6"
0+00	232.85	223.35	9'-6"
✓1+33	233.46	223.46	10'-0"
1+67	233.57	223.57	10'-0"
2+00	234.18	223.68	10'-6"
2+33	234.29	223.79	10'-6"
2+67	233.90	223.90	10'-0"
3+00	234.01	224.01	10'-0"
3+33	234.62	224.12	10'-6"
3+67	234.73	224.23	10'-6"
4+00	235.34	224.34	11'-0"
4+33	235.45	224.45	11'-0"
4+67	235.56	224.56	11'-0"
4+93	235.65	224.65	11'-0"

13

0+67 - 14'-6" V.T. N.

3+25 - 10' ✓

4+33 - 18' ✓

4+93 - 14' E to Elevator

14

Adams

Stn.

0+00	235.65	224.65	11'-0"
0+75	235.99	224.67	11'-4"
0+27	236.39	224.74	11'-9"
0+45	236.30	224.80	11'-6"
0+67	235. ⁸⁷ 32	224.87	11'-0" (235.87)
0+86	235.77	224.93	10'-10"
1+00	235.48	224.98	10'-6"

0+00	235.87	224.87	11'-0"
0+16		224.93	
0+63		225.08	M.H.
1+96		225.19	
2+29		225.30	
2+63		225.41	
2+96		225.52	
3+29		225.63	
3+50		225.70	
3+83		225.81	
4+16		226.02	
4+50		226.13	
4+83		226.24	
5+16		226.35	
5+50		226.46	
5+83		226.57	
6+16		226.68	
6+50		226.79	
6+83		226.90	

15

M.H.

S.R. Switch

N.R. Main

M.H.

N.R. Thie.

Pin

STK

GD

0+00	235.87	224.87	- 11
0+16	235.93	224.93	- 11
0+63	235.58	225.08	- 10½ M.H.
1+96	235.69	225.19	- 10½
2+29	235.80	225.30	- 10½
2+63	235.91	225.41	- 10½
2+96	236.02	225.52	- 10½
3+29	236.13	225.63	10½
3+63	236.24	225.74	10½
3+96	236.35	225.85	10½
4+29	236.46	225.96	10½
4+63	237.07	226.07	11
4+96	237.18	226.18	11
5+29	237.29	226.29	11
5+63	237.40	226.40	11
5+96	237.51	226.51	11

LETTER →

Parthenik Adc

43
45
49
96

49 98 cm

0+00	235.87	224.87	11'-0"	
0+15	235.85	224.92	10'-11"	
0+33	235.48	224.98	10 1/2	
0+67	235.59	225.09	10 1/2	
1+00	235.70	225.70	10 1/2	
1+33	235.81	225.31	10 1/2	
1+67	235.42	225.42	10	
2+00	235.03	225.53	9 1/2	
2+33	234.64	225.64	9	
2+67	234.75	225.75	9	
3+00	234.86	225.86	9	
3+33	234.47	225.97	8 1/2	
3+67	234.08	226.08	8	
4+00	234.69	226.19	8 1/2	
4+33	235.30	226.30	M. 9	3" P 236.55
4+67	235.16	226.66	8 1/2	
5+00	235.77	226.77	9	
5+33	235.88	226.88	9	
5+67	235.99	226.99	9	✓ 5.79
6+00	236.10	227.10	9	6.10
6+33	235.96	227.71	8 1/2	5.71
6+67	235.57	227.76	5	5.36
7+00	235.31	227.87	7 1/2	5.46
7+33	235.48	227.98	7 1/2	5.59
7+67	236.09	228.09	8	6.19
8+00	237.20	229.20	9	7.16

Parthenis

8165 17

N. Rail thie
E pin

Connexions

S. J.

- 3+24 (10+V)
- 4+16 - 10+V
- 7+00 CB
- 3+33 "
- 8+00 (10+V)
- 5+50
- 5+67
- 7+05
- 8+24

8+33	7.41	237.31	228.31	9
8+67	8.02	237.92	228.42	9 1/2
8+96	8.02	238.57	228.51	11

18

N Green

20+74	235.07	225.57	9 1/2
20+99	234.66	225.66	9
21+24	234.74	225.74	9
21+49	234.83	225.83	9
21+74	234.41	225.91	8 1/2
21+99	234.50	226.00	8 1/2
22+24	234.58	226.08	8 1/2
22+49	234.17	226.17	8
22+74	234.25	226.25	8
22+99	234.34	226.34	8
23+24	233.92	226.42	7 1/2
23+49	234.01	226.51	7 1/2
23+74	234.09	226.59	7 1/2
23+99	234.17	226.67	7 1/2
24+24	234.26	226.76	7 1/2
24+49	234.34	226.84	7 1/2
24+74	234.43	226.93	7 1/2
24+99	234.51	227.01	7 1/2
25+24	234.60	227.10	7 1/2
25+49	234.68	227.18	7 1/2
25+74	234.77	227.27	7 1/2
26+05	234.87	227.37	7 1/2

19+99 Com in MHLW 80'

19

21+10	-8' + V W
21+12	-8' + V E
22+18	-8' + V W
22+20	-8' + V E
23+28	-8' + V W
23+30	-8' + V E
24+42	-8' + V W
24+44	-8' + V E
25+48	8' + V W
25+50	8' + V E
26+05	Com in M.H. 12' W
26+05	2.C. B. arms

Stg. Pin Rd Cut 5 Green
20

	216.05	216.16	216.27	216.38	216.49	216.60	216.71	216.82	216.93	217.01	217.01
0+00	224.55	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27
0+33	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16	224.16
0+67	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27	224.27
1+00	224.88	224.88	224.88	224.88	224.88	224.88	224.88	224.88	224.88	224.88	224.88
1+33	224.99	224.99	224.99	224.99	224.99	224.99	224.99	224.99	224.99	224.99	224.99
1+67	225.60	225.60	225.60	225.60	225.60	225.60	225.60	225.60	225.60	225.60	225.60
2+00	226.71	226.71	226.71	226.71	226.71	226.71	226.71	226.71	226.71	226.71	226.71
2+33	227.32	227.32	227.32	227.32	227.32	227.32	227.32	227.32	227.32	227.32	227.32
2+67	227.93	227.93	227.93	227.93	227.93	227.93	227.93	227.93	227.93	227.93	227.93
2+90	229.01	229.01	229.01	229.01	229.01	229.01	229.01	229.01	229.01	229.01	229.01

Adams

	226.62	226.73	226.84	226.95	227.06	227.13
5+29	238.12	238.23	238.34	238.45	238.06	237.63
5+63	226.62	226.73	226.84	226.95	227.06	227.13
5+96	11 1/2	11 1/2	11 1/2	11	11	10 1/2
6+29	11 1/2	11 1/2	11 1/2	11	11	10 1/2
6+63	11	11	11	11	11	10 1/2
6+85	M.H.	M.H.	M.H.	M.H.	M.H.	M.H.

Connections

East West

2+20-10^{1/2}V 11'-3"

Connec^{tion}
C U

0+63 m M.H.	1+73
1+75	2+85
2+87	3+97
3+99	5+09
5+11	6+18
6+22	

Sta	Rim	hd	Cut
0+00	224.28	214.78	9.50
0+33	224.14	214.89	9.25
0+67	224.25	215.00	9.25
1+00	224.86	215.11	9.75
1+33	224.97	215.22	9.75
1+67	225.58	215.33	10.25
2+00	226.69	215.44	11.25
2+33	227.30	215.55	11.75
2+67	227.98	215.68	12.25
3+00	218.86	217.04	218.36 10'-6"
3+33	228.44	217.15	218.44 10'-0"
3+67	228.02	217.26	218.52 9'-6" 10'-0"
4+00	227.60	217.37	218.60 9'-0"
4+33	226.68	217.48	218.68 8'-0"
4+67	225.76	217.59	218.76 7'-0"
5+00	225.34	217.70	218.84 6'-6"
5+33	224.92	217.81	218.92 6'-0"
5+67	225.00	217.92	219.00 6'-0"
6+00	224.58	218.03	219.08 5'-6"
6+33	224.16	218.14	219.16 5'-0" 5'-6"
6+67	225.24	218.25	219.24 4'-0"
7+00	225.32	218.36	219.32 6'-0"
7+33	225.90	218.47	219.40 6'-6"
7+67	226.48	218.58	219.48 7'-0"
8+00	227.06	218.69	219.56 7'-6"

23

M. H. Rise 2'-7"

Connections

- 2+67 Com in NH W 1/2 10'
 3+67 12' + V E
 4+40 12' + V W
 4+67 12' + V E
 6+93 10' + V W
 7+00 12' + V E
 8+00 10' + V E
 8+02 12' + V EW
 8+95 8' + V E
 9+00 14' + V W

STA pin 13d Cut 24

8+33	227.64	218.80	219.64	8'-0"
8+67	226.22	218.91	219.72	8'-6"
9+00	228.80	219.02	219.80	9'-0"
9+33	228.88	219.13	219.88	9'-0"
9+67		219.24	219.96	
9+		219.35	220.04	
9+67	229.21	220.21	9'-0"	
10+00	229.29	220.29	9'-0"	
10+33	229.37	220.37	9'-0"	
10+67	229.45	220.45	9'-0"	
11+00	229.53	220.53	9'-0"	
10+33	229.61	220.61	9'-0"	
11+67	229.69	220.69	9'-0"	
12+00	230.27	220.77	9'-6"	
12+33	230.35	220.85	9'-6"	
12+67	230.43	220.93	9'-6"	
13+00	231.01	221.01	10'-0"	
13+33	231.09	221.09	10'-0"	
13+67	231.67	221.17	10'-6"	
14+00	231.75	221.25	10'-6"	
14+33	231.83	221.33	10'-6"	
14+67	231.91	221.41	10'-6"	
15+00	231.49	221.49	10'-0"	M. H.
15+33	231.57	221.57	10'-0"	
15+67	231.15	221.65	9'-6"	
16+00	231.73	221.73	9'-6"	

25

M.H 3" Rise 220.13

Connections

East	West
10+56	10+V
10+67	10+36 10+V
11+67	" 11+35 "
13+33	12+40 "
14+43	13+64 "
	15+00 con in
	M.H. W

26

16+33	231.31	221.81	9'-6"
16+67	231.39	221.89	9'-6"
17+00	231.47	221.97	9'-6"
17+33	231.55	222.05	9'-6"
17+67	231.63	222.13	9'-6"
18+00	231.71	222.21	9'-6"
18+33	231.79	222.29	9'-0"
18+67	231.87	222.37	9'-6"
19+00	231.95	222.45	9'-6"
19+33	232.03	222.53	9'-6"
19+67	232.11	222.61	10'-0"
20+00	232.69	222.69	10'-0"
20+33	232.77	222.77	10'-0"
20+67	232.85	222.85	10'-0"
21+00	232.43	222.93	9'-6"

LETTER →

27

Green St. Pipe

	18"	15"
933'		1167'
994	563	969
<u>-61'</u>	<u>406</u>	<u>969 + 198'</u>
		12"
	-138'	

East

West

15+53-12+V	16+00-10+V	
16+67 "	17+03 "	
17+67 "	18+03 "	
18+67 "	19+67 "	
19+40 "	21+00 in M.H.	
20+18 "	16+37 C.B	
21+00 in M.H.		

Sta	Pin	Pd.	Cut	East	College
0+00	22475	214.75	10	10	✓
0+33	22333	214.83	9 1/2	8 1/2	✓
0+67	22341	214.91	9 1/2	8 1/2	✓
1+00	22449	214.99	10 1/2	9 1/2	✓
1+33	22507	215.07	11	10	✓
1+67	22615	215.15	12		
2+00	22673	215.23	12 1/2	11 1/2	
2+33	22731	215.31	13	12	
2+67	22631	215.39	14	13	
3+00	22897	215.47	14 1/2	13 1/2	
3+33	22855	215.55	15	14	
3+67	22813	215.63	15 1/2	14 1/2	
4+00	22021	215.71	15 1/2	14 1/2	
4+33	23029	215.79	15 1/2	14 1/2	
4+60	23037	215.87	15 1/2	14 1/2	

Sta	Pin	Pd.	Cut	East	College
0+00	22475	214.75	10	10	✓
0+33	22333	214.83	9 1/2	8 1/2	✓
0+67	22341	214.91	9 1/2	8 1/2	✓
1+00	22449	214.99	10 1/2	9 1/2	✓
1+33	22507	215.07	11	10	✓
1+67	22615	215.15	12		
2+00	22673	215.23	12 1/2	11 1/2	
2+33	22731	215.31	13	12	
2+67	22631	215.39	14	13	
3+00	22897	215.47	14 1/2	13 1/2	
3+33	22855	215.55	15	14	
3+67	22813	215.63	15 1/2	14 1/2	
4+00	22021	215.71	15 1/2	14 1/2	
4+33	23029	215.79	15 1/2	14 1/2	
4+60	23037	215.87	15 1/2	14 1/2	

LETTER →

Communiti 31

4. 5
1+22 1+20
2+43 2+20
4+00 3+38
4+50 ~~1+11~~

2015
16
1615
1745
2145
2145
2145
2145
2145

STA	SLP	CUT	R.A.T	229.50 collage
3+67	230.63	215.63	15	
4+00	230.85	215.85	15	
4+33	230.93	215.93	15	
<u>4+60</u>	<u>231.01</u>	<u>216.01</u>	<u>15</u>	
5+00	229.61	216.11	13½	
5+33	229.69	216.19	13½	
5+67	229.77	216.27	13½	
6+00	229.85	216.35	13½	
6+33	229.93	216.43	13½	
6+67	230.01	216.51	13½	
7+00	230.09	216.59	13½	
7+33	230.17	216.67	13½	
7+67	230.25	216.75	13½	
8+00	230.33	216.83	13½	
8+33	230.41	216.91	13½	
8+67	230.49	216.99	13½	
9+00	230.57	217.07	13½	
9+20	230.63	217.13	13½ M.H.	
9+67	231.23	217.83	14	
10+00	231.31	217.31	14	
10+33	231.39	217.39	14	
10+67	231.47	217.47	14	
11+00	231.55	217.55	14	
11+33	231.63	217.63	14	
11+67	231.71	217.71	14	
12+00	232.79	217.79	15	

Below
line
to 4+60 M.H.

Commuter

33

11.	5+70	6400
	6+58	7700
	7+70	8+23
	8+83	9+87
	10+10	10+00
	10+78	12+10
	12+33	13+23

Connections

34

5th Cut

3/12+33	23287	217.87	15
4/12+67	23295	217.95	15
4/13+00	23403	218.03	16
4/13+33	235.11	218.11	17
4/13+67	23669	218.19	M.H. 18 1/2 ✓
4/14+00	236.77	218.27	18 1/2 ✓
4/14+33	236.85	218.35	18 1/2 ✓
4/14+67	236.93	218.43	18 1/2 ✓
4/15+00	237.01	218.51	18 1/2 ✓
4/15+33	237.09	218.59	18 1/2 ✓
4/15+67	237.17	218.67	18 1/2 ✓ 19+80
4/16+00	236.75	218.75	18 ✓ 19+51
4/16+33	23683	218.83	18 ✓ 19+51
4/16+67	23641	218.91	17 1/2 ✓ 19+51
4/17+00	235.99	218.99	17 ✓ 19+51
4/17+33	23557	219.07	16 1/2 ✓
4/17+67	235.65	219.15	16 1/2 ✓
4/18+00	235.73	219.23	16 1/2 ✓
4/18+33	23531	219.31	16 ✓
4/18+67	234.39	219.39	15
4/19+00	234.47	219.47	15
4/19+33	234.55	219.55	15
4/19+67	23463	219.63	15 M.H.
4/20+00	234.71	219.71	15
4/20+33	234.79	219.79	15

35

Connections

NORTH	SOUTH
16+00	14+33 8"
17+03	15+45 6"
18+57	16+45 6"
19+33 CB	19+33
19+80	19+33 CB
21+00	20+53
22+27	21+73
23+47	22+93
	24+13

36

20+67	234.87	219.87	15	
21+00	234.95	219.75	15	✓
21+33	235.03	220.03	15	✓
21+67	235.11	220.11	15	✓
22+00	235.19	220.19	15	✓
22+33	235.27	220.27	15	✓
22+67	236.35	220.35	16	✓
23+00	236.43	220.43	16	✓
23+33	236.51	220.51	16	✓
23+67	236.59	220.59	16	✓
24+00	236.67	220.67	16	✓
24+33	236.75	220.75	16	✓
24+67	236.83	220.83	16	✓ M.H.
25+00	236.91	220.91	16	✓
25+33	236.99	220.99	16	✓
25+67	237.07	221.07	16	✓
26+00	237.15	221.15	16	✓
26+33	237.23	221.23	16	✓
26+67	237.31	221.31	16	✓
27+00	237.39	221.39	16	✓
27+33	237.47	221.47	16	✓
27+67	236.55	221.55	15	✓
28+00	236.63	221.63	15	✓
28+33	236.71	221.71	15	✓
28+67	236.79	221.79	15	✓
29+00	236.87	221.87	15	

29+34

221.96

37

M.H.

Eastern
ConnectionE. 4
27+90 28+67

40 Anglemeyer

Holman
Wentz

1500.00	750.00
900.00	228.00
4000.00	3600.00
912.80	552.81
25.00	23.50
75.00	12.95
350.00	265.26
500.00	449.60
150.00	150.45
150.00	237.50
50.00	101.20
90.00	187.50
<u>D</u> 1200.00	<u>D</u> 85.00
<u>9852.80</u>	<u>6643.73</u>

Albert Pottison

41

1000.00
570.00
3780.00
691.00
28.00
9.25
60.00
200.00
132.75
150.00
73.60
150.00
<u>125.00</u>

\$ 6969.60

42
~~26~~
~~12~~
~~6~~

West	Painting	244	305
Wings	-	265	252
East	Painting	282	305
Wings	-	248	252
		<hr/> 1039	<hr/> 1114 - 2061054

43**820**

42 248

61 1068

42 14

Sta	Stk	Ld	Cwt	Main St. E. fm
0+00	237.21	222.21	15	
0+33	237.29	222.29	15	
0+67	237.37	222.37	15	
1+00	237.45	222.45	15	
1+33	237.53	222.53	15	
1+67	237.61	222.61	15.	✓
2+00	236.69	222.69	14	✓
2+33	236.77	222.77	14	✓
2+67	235.85	222.85	13	✓
3+00	235.93	222.93	13.	✓
3+33	235.01	223.01	12	✓
3+67	235.09	223.09	12	✓
4+00	234.17	223.17	11	✓
4+33	234.25	223.25	11	✓
4+67	233.33	223.33	10	✓
5+00	232.41	223.41	9 1/2	✓
5+33	232.49	223.49	9 1/2	✓
5+67	232.57	223.57	9	✓
6+00	232.15	223.65	8 1/2	✓
6+33	232.23	223.73	8 1/2	✓
6+67	231.81	223.81	8	✓
7+00	231.89	223.89	8	✓
7+33	231.97	223.97	8	✓
7+67	232.05	224.05	8	✓
8+00	232.13	224.13	8	✓

Eastern Connections		45
North		South
0+00	☒	2+54
0+87	○	
1+94	☒	3+92
3+15		5+10
4+08		6+10
5+23		
6+80		7+18
8+10		6+70
9+20	☒	7+70
10+57		
11+99		8+67
12+95		10+00
13+95		10+96
14+95		
15+95		11+85
		12+87
		13+87
		14+87
		15+09

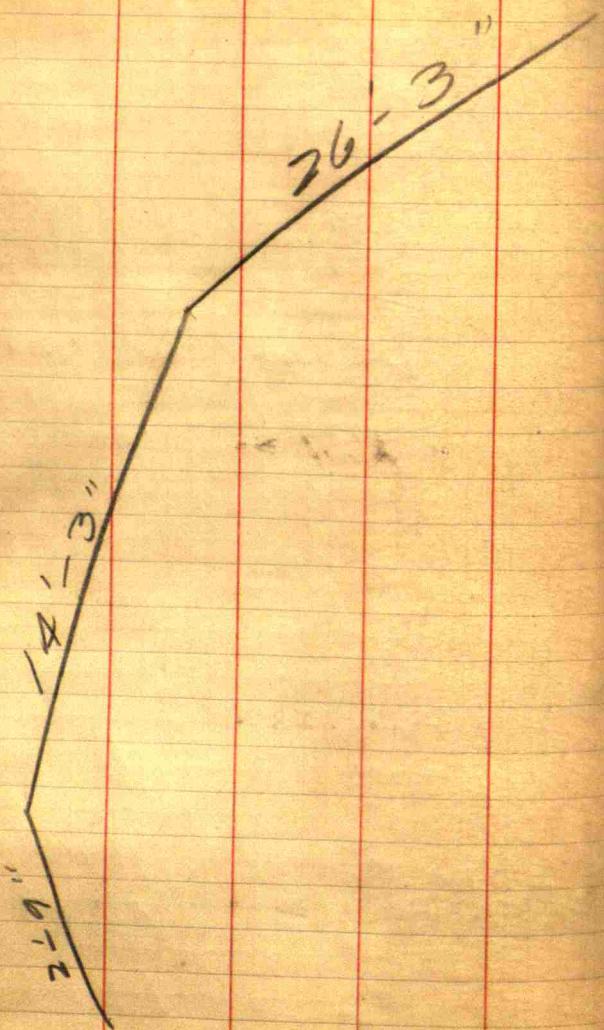
46

Sta	Stk	Md	Lat	
8+33	232.21	224.21	8	✓
8+67	232.29	224.29	8	✓
9+00	232.37	224.37	8	✓
9+33	232.45	224.45	8	✓
9+67	233.03	224.53	8½	✓
10+00	233.61	224.61	9	✓
10+33	233.69	224.69	9	✓
10+67	234.27	224.77	9½	✓
11+00	234.85	224.85	10	✓
11+33	234.95	224.95	10	✓ M.H.
11+75	235.03	225.03	10	✓
12+09	234.61	225.11	9½	✓
12+42	234.19	225.19	9	✓
12+75	233.77	225.27	8½	✓
13+09	233.85	225.35	8½	✓
13+42	233.93	225.43	8½	✓
13+75	233.51	225.51	8	✓
14+09	233.59	225.59	8	✓
14+42	233.67	225.67	8	✓
14+75	233.25	225.75	7½	✓
15+09	233.33	225.83	7½	✓
15+42	233.41	225.91	7½	✓
15+75	233.49	225.99	7½	✓
16+09	233.57	226.07	7½	✓
16+42	233.65	226.15	7½	✓ M.H.

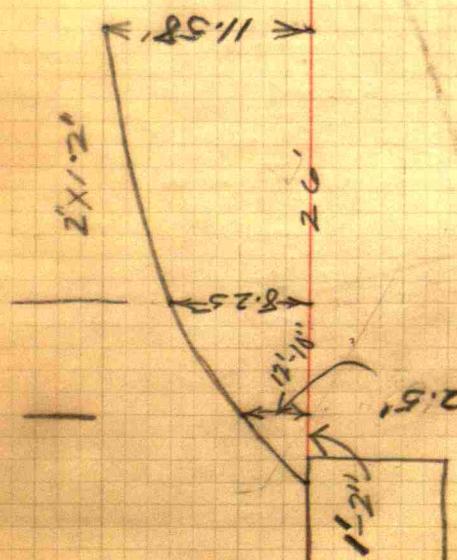
47

50

Owens Arch Ring



51



54 V.E. on Major
Stq Stop and Cut

Stq	Stop	Major	Cut
0+00	236.37	226.37	10' ✓
0+33	236.47	226.47	10' ✓
0+67	236.67	226.57	+9 1/2' ✓
1+00	236.77	226.67	+8 1/2' ✓
1+33	236.87	226.77	9 1/2' L
1+67	236.97	226.87	9 1/2' ✓
2+00	236.47	226.97	9 1/2' ✓
2+33	236.57	227.07	9 1/2' ✓
2+67	236.67	227.17	9 1/2' ✓
3+00	236.77	227.27	9 1/2' ✓
3+33	236.87	227.37	9 1/2' ✓
3+67	236.97	227.47	9 1/2' ✓
4+00	236.57	227.57	9' ✓
4+33	237.17	227.67	9 1/2' ✓
4+67	236.76	227.76	9' ✓

W.M. Gellert
Main
from Eastern

10'
10'
10'

	236.27	236.37	10
	236.37	226.37	10
	236.47	226.47	10
	236.57	226.57	9 1/2
	236.67	226.67	9 1/2
	236.77	226.77	9 1/2
	236.87	226.87	9 1/2
	236.97	226.97	9 1/2
	236.57	227.07	9 1/2
	236.67	227.17	9 1/2
	236.77	227.27	9 1/2
	236.87	227.37	9 1/2
	236.97	227.47	9 1/2
	236.57	227.57	9 1/2
	237.17	228.67	9 1/2

55

S

0+73

~~1+10~~ CB
~~1+47~~ CB

1+90

2+03 CB
3+33 MH
4+61 MH

N

0+75

~~1+10~~ CB
2+12

2+70 CB

3+23
4+23

58

Beg at NE cor N tract. stone
 Then S 1733' to N line 2+ RR.
 Continue S 188 feet to S line TH^{1/2}
 (146' to N part Th.) — Continue S
297 feet to N.R. of Way RR - W
 to SW cor - N - 408' to S line Th.
 N - 74 feet to N line TH 2+E —
 (46 feet to N. Rail. N. 771' —
 E 248' - N -

358' - taken Rd ^{from} N.E.
 What

Beg ^(stone) — SE - 586' ^{stone} to N line
 R of Way and Western. Then
 N.E. along Right of Way 312' to stone
 Then North — 130' to taken Rd —
 W - 1809' - (by S in Rd 15'
 at 1000') — Then S from N.
 fence 476 to stone — E 890'
 S 595' to A -

59

1733
188
 297
358

 2576

108
774
771
53
12

476

165
2
765
445

 31

~~5th~~ 60

Jefferson

0+00	235.30	226.30	8½
0+33	235.39	226.89	8½
0+67	235.48	226.98	8½
1+00	236.07	227.07	9
1+33	236.16	227.16	9
1+67	235.75	227.25	8½
2+00	235.84	227.34	8½
2+33	235.93	227.43	8½
2+67	235.52	227.52	8
3+00	235.61	227.61	8
3+33	235.70	227.70	8
3+67	235.79	227.79	8
4+00	235.88	227.88	8
4+33	236.47	227.97	8½
4+67	236.56	228.06	8½
5+00	236.65	228.15	8½
5+33	237.04	228.24	9
5+67	237.33	228.33	9
6+00	237.92	228.42	9½
6+33	238.01	228.51	9½
6+67	238.10	228.60	9½
7+00	238.17	228.67	9½

3+50 MH

~~61~~

Connelius

0+71	1+27
1+82	2+37
2+94	3+50 N.H.
4+06	4+64
5+18	5+76
6+30	6+22 (Y=0.19)

~~TESTED~~
E 62 Test No 1 —

Ret $\frac{1}{2}$ 18%
Ret $\frac{1}{4}$ 42%
Ret $\frac{1}{8}$ 65%
Pass $\frac{1}{8}$ 35%

L 63

100 100
80 80
60 60
40 40
20 20

64

Christian

Ad

0+00	235.00	226.00	9	✓
0+33	234.44	226.11	8	✓
0+67	234.22	226.22	8	✓
1+00	234.33	226.33	8	✓
1+33	234.44	226.44	8	✓
1+67	234.55	226.55	8	✓
2+00	234.66	226.66	8	✓
2+33	234.77	226.77	8	✓
2+67	235.38	226.88	8½	✓
3+00	235.49	226.99	8½	✓
3+33	236.32	227.13	9	L M. H.
3+67	236.21	227.21	9	✓
4+00	236.82	227.32	9½	✓
4+33	236.93	227.43	9½	✓
4+67	237.04	227.54	9½	✓
5+00	236.65	227.65	9	✓
5+33	236.76	227.76	9	✓
5+67	236.87	227.87	9	✓
6+00	236.98	227.98	9	✓
6+33	237.09	228.09	9	✓
6+67	237.15	228.15	9	✓

LETTER

Connections

65

East

0+87
1+85
3+00
3+85
4+80
5+80
6+40

West

1+87
3+08
4+08
5+08
6+08

66

S. Wash

0+00	232.82	223.32	9 1/2	✓
0+33	232.72	223.42	9 1/2	✓
0+67	232.52	223.52	9	✓
1+00	233.12	223.62	9 1/2	✓
1+33	232.72	223.72	9	✓
1+67	232.82	223.82	9.	✓
2+00	233.42	223.92	9 1/2	✓
2+23	234.00	224.00	10	M.H. ✓
2+67	234.12	224.12	10	✓
3+00	234.72	224.22	10 1/2	✓
3+33	234.82	224.32	10 1/2	✓
3+67	234.92	224.42	10 1/2	✓
4+00	235.52	224.52	11	✓
4+33	235.62	224.62	11	✓
4+67	235.72	224.72	11	✓
5+00	234.82	224.82	10	✓
5+35	235.92	224.92	10 1/2	M.H. ✓
5+67	235.02	225.02	10	✓
6+00	234.62	225.12	9 1/2	✓
6+33	234.72	225.22	9 1/2	✓
6+67	234.82	225.32	9 1/2	✓
7+00	234.92	225.42	9 1/2	✓
7+33	235.02	225.52	9 1/2	✓
7+67	235.12	225.62	9 1/2	✓
8+00	235.22	225.72	9 1/2	✓

LETTER

67

8+33	225.82	- 235.82 - 10
8+67	225.92	235.92 - 10
9+00	226.02	236.52 - 10 1/2
9+11	226.06	236.56 - 10 1/2 M.H.

Connellin

C.

W

2+73

0+67

3+73

2+75

6+10

3+75

8+00

6+35

8+02

9+11 in M.H.

B.W.

68

Sta Sth Ad Pmt Ave
out

0+00	235.42	225.72	10	V
0+50	234.58	225.58	9	V
1+00	235.24	225.74	9 1/2	V
1+50	235.90	225.90	10	V
2+00	236.06	226.06	10	V
2+50	236.22	226.22	10	V
3+00	235.88	226.38	9 1/2	V
3+50	235.54	226.54	9	V
4+00	235.20	226.70	8 1/2	V
4+50	235.36	226.86	8 1/2	V
5+00	235.02	227.02	8	V
5+50	235.68	227.18	8 1/2	V
5+74	236.26	227.26	9	V

125+0

50+0

125+0

00+0

Connections

69

N.	S.
1+68	4+30
2+80	52+35
4+05	3+40
5+05	4+45
5+74	5+50

Locality
Baptist
Methodist
Episcopal
Catholic
Protestant
Jew

Office
Post Office
Telegraph
Police
Fire Department
School
Hospital

70

Lincoln Ave

5th stp Ad Cut

0+00	23632226.32	10' ✓
0+50	23594226.44	9½ ✓
1+00	235.56226.56	9' ✓
1+50	235.18226.68	8½ ✓
2+00	235.31226.80	8½ ✓
2+50	23542226.92	8½ ✓
3+00	23454227.04	7½ ✓
3+50	234.16227.16	7½ ✓
4+00	234.78227.28	7½ ✓
4+50	23490227.40	7½ ✓
5+00	235.02227.52	7½ ✓
5+50	235.14227.64	7½ ✗
5+74	23520227.70	7½ ✓ M.H.

Connections

North

1+30

2+35

3+45

4+55

5+55

South

0+65

1+70

2+80

~~2+35~~

3+95

5+00

5+74 8 in M.H.

Co

71

72

School.

0+00	236.69	237.19	237.19	10'
0+33		235.77	227.27	8½
0+67		235.85	227.35	8½ ✓
1+00		235.43	227.43	8 ✓
1+33		235.51	227.51	8 ✓
1+67		235.09	227.59	7½ ✓
2+00		235.17	227.67	7½ ✓
2+33		235.25	227.75	7½ ✓
2+73		235.35	227.85	7½ ✓

Connections

East	West	West
0+67		
1+90		1+00
2+73 in M.H.	2+10	

W College

0+00 225.25 220.75 4 1/2
 0+33 226.35 220.85 5 1/2
 0+67 227.95 220.95 7
 1+00 229.05 221.05 8
 1+33 229.15 221.15 8
 1+67 229.75 221.25 8 1/2
 2+00 230.35 221.35 9
 2+33 230.45 221.45 9
 2+67 230.55 221.55 9
 3+00 230.65 221.65 9
 3+33 231.75 221.75 10
 3+67 231.85 221.85 10
 4+00 231.95 221.75 10
 4+33 232.05 222.05 11 M.H.

Connections

N.	S.
2+65	
2+17	2+15
3+67	3+15
4+33 in M.H.	4+33 in M.H.
2+17 Tap only	

2+65 221.75
 2+15 221.85
 3+15 221.95
 4+33 222.05
 5+00 222.15
 6+33 222.25
 7+67 222.35
 8+00 222.45
 9+33 222.55
 10+67 222.65
 11+00 222.75
 12+33 222.85
 13+67 222.95
 14+00 223.05
 15+33 223.15
 16+67 223.25
 17+00 223.35
 18+33 223.45
 19+67 223.55
 20+00 223.65
 21+33 223.75
 22+67 223.85
 23+00 223.95
 24+33 224.05
 25+67 224.15
 26+00 224.25
 27+33 224.35
 28+67 224.45
 29+00 224.55
 30+33 224.65
 31+67 224.75
 32+00 224.85
 33+33 224.95
 34+67 225.05
 35+00 225.15
 36+33 225.25
 37+67 225.35
 38+00 225.45
 39+33 225.55
 40+67 225.65
 41+00 225.75
 42+33 225.85
 43+67 225.95
 44+00 226.05
 45+33 226.15
 46+67 226.25
 47+00 226.35
 48+33 226.45
 49+67 226.55
 50+00 226.65
 51+33 226.75
 52+67 226.85
 53+00 226.95
 54+33 227.05
 55+67 227.15
 56+00 227.25
 57+33 227.35
 58+67 227.45
 59+00 227.55
 60+33 227.65
 61+67 227.75
 62+00 227.85
 63+33 227.95
 64+67 228.05
 65+00 228.15
 66+33 228.25
 67+67 228.35
 68+00 228.45
 69+33 228.55
 70+67 228.65
 71+00 228.75
 72+33 228.85
 73+67 228.95
 74+00 229.05
 75+33 229.15
 76+67 229.25
 77+00 229.35
 78+33 229.45
 79+67 229.55
 80+00 229.65
 81+33 229.75
 82+67 229.85
 83+00 229.95
 84+33 230.05
 85+67 230.15
 86+00 230.25
 87+33 230.35
 88+67 230.45
 89+00 230.55
 90+33 230.65
 91+67 230.75
 92+00 230.85
 93+33 230.95
 94+67 231.05
 95+00 231.15
 96+33 231.25
 97+67 231.35
 98+00 231.45
 99+33 231.55
 100+67 231.65
 101+00 231.75
 102+33 231.85
 103+67 231.95
 104+00 232.05
 105+33 232.15
 106+67 232.25
 107+00 232.35
 108+33 232.45
 109+67 232.55
 110+00 232.65
 111+33 232.75
 112+67 232.85
 113+00 232.95
 114+33 233.05
 115+67 233.15
 116+00 233.25
 117+33 233.35
 118+67 233.45
 119+00 233.55
 120+33 233.65
 121+67 233.75
 122+00 233.85
 123+33 233.95
 124+67 234.05
 125+00 234.15
 126+33 234.25
 127+67 234.35
 128+00 234.45
 129+33 234.55
 130+67 234.65
 131+00 234.75
 132+33 234.85
 133+67 234.95
 134+00 235.05
 135+33 235.15
 136+67 235.25
 137+00 235.35
 138+33 235.45
 139+67 235.55
 140+00 235.65
 141+33 235.75
 142+67 235.85
 143+00 235.95
 144+33 236.05
 145+67 236.15
 146+00 236.25
 147+33 236.35
 148+67 236.45
 149+00 236.55
 150+33 236.65
 151+67 236.75
 152+00 236.85
 153+33 236.95
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 658+67 287.45
 659+00 287.55
 660+33 287.65
 661+67

W. Main BM 232.20

80

0+00	232.40	219.90	12 $\frac{1}{2}$
0+33	233.10	220.00	13
0+67	233.10	220.10	13
1+00	233.70	220.20	13 $\frac{1}{2}$
1+33	232.80	220.30	12 $\frac{1}{2}$
1+67	232.40	220.40	12
2+00	232.00	220.50	11 $\frac{1}{2}$
2+33	231.60	220.60	11
2+67	231.70	220.70	11
3+00	231.30	220.80	10 $\frac{1}{2}$
3+33	230.90	220.90	10
3+67	231.00	221.00	10
4+00	231.10	221.10	10
4+33	230.70	221.20	9 $\frac{1}{2}$
4+67	230.30	221.30	9
5+00	230.40	221.40	9
5+33	229.00	221.50	7 $\frac{1}{2}$

M.H.

81

Connections

NORTH

2+50
4+08
5+33 in W.H.

SOUTH

1+37
2+63
4+06
5+02
5+33 in W.H.

Estimate Disposal

82

\$

1000 Yds Exc. @ 50 = 500.00 + 50
 570 Yds Back Fill @ 50 = 285.00 + 50
 180 Cu Yds Conc. @ 15⁰⁰ = 2700.00 + 600
 6910 lbs Steel @ 54 = 345.50 + .05
 56' Str 4" L's = 294# @ 05 = 23.52 + 448
 37' 1/4 x 3" plate = 64# @ 124 = 4.44 + 4.71
 2 C.I. valves 10" = @ 20.00 = 40.00 + 10.00
 4 C.I. " P+G 1/8" = @ 30.00 = 120.00 + 20.00
 885 Bd ft Lumber = @ 100.00 = 88.50 + 44.25
 250' x 8" V.T. = @ 404 = 100.00 + 204
 92' x 10" V.T. = @ 604 = 55.20 + 204
 150' x 12" V.T. = @ 754 = 112.50 + 254
 5M. H frames
 + Coverts = @ 15⁰⁰ = 75.00 + 10.00

Plant

83

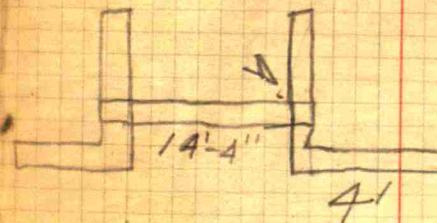
= 1000.00	@ 1.00
= 570.00	@ 1.00
= 3780.00	@ 21.00
= 691.00	@ .104
= 28.00	@ .504
= 9.25	@ 254
= 60.00	@ # 30.00
= 200.00	@ # 50.00
= 132.75	@ 150.00 per M
= 150.00	@ 604
= 73.60	@ 804
= 150.00	@ 1.00
<u>= 125.00</u>	<u>@ 25.00</u>

\$ 6969.60 @

4449.66

84

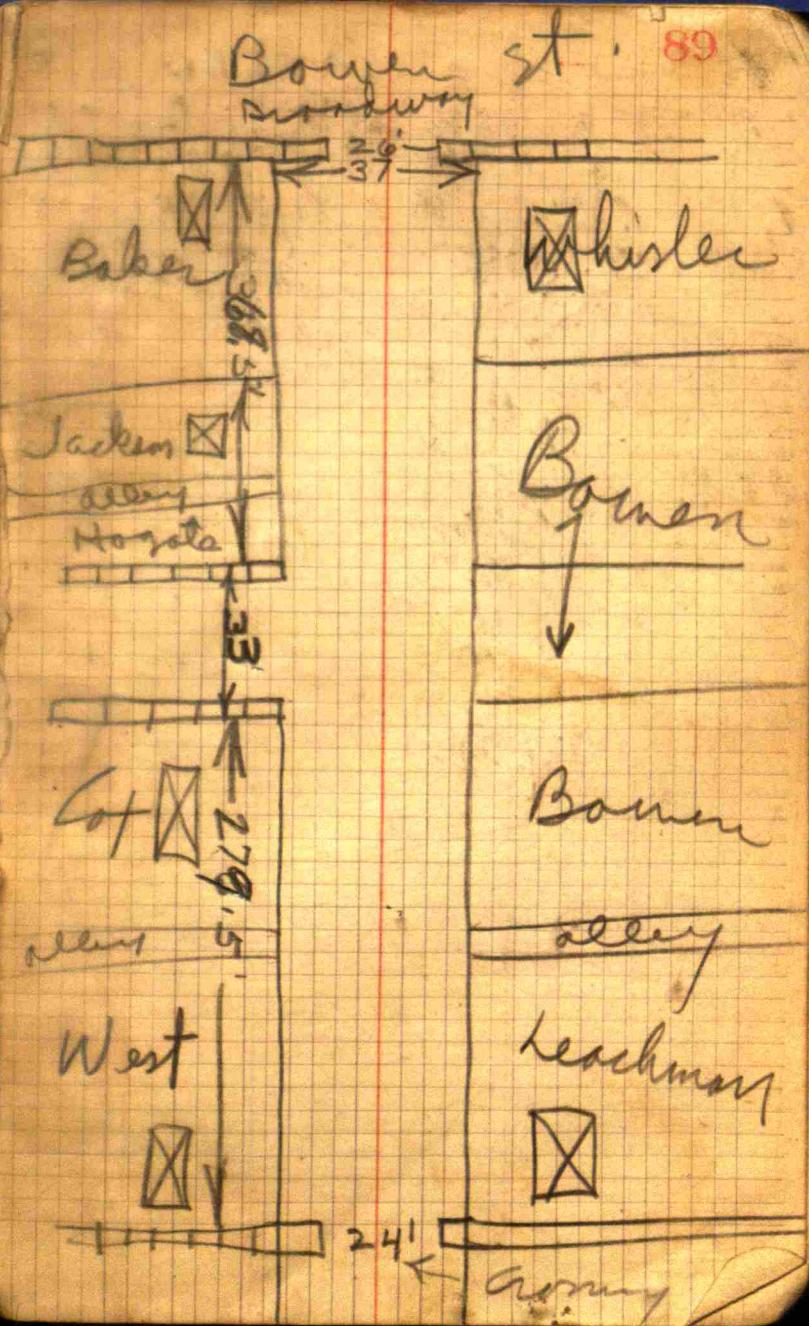
85



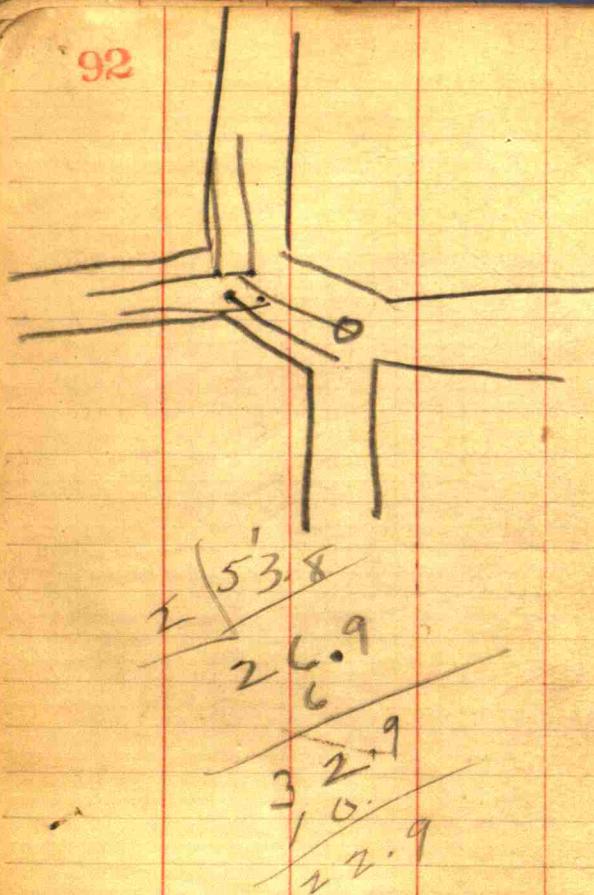
8" X

$$\frac{2}{3} \times \frac{22}{3} \times 3 \quad \cancel{\frac{44}{3}} = 15$$

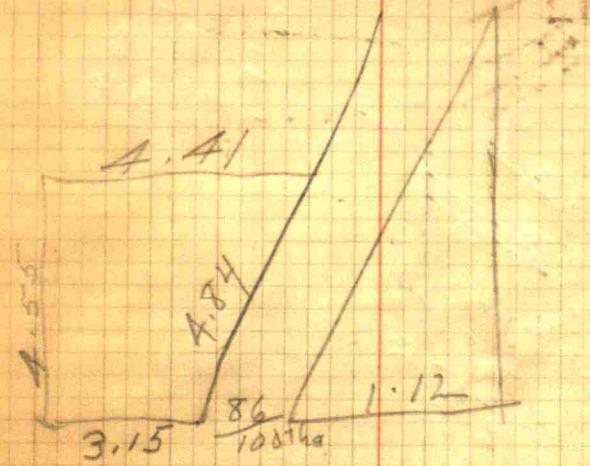
Sta 88 W. st 5'E E.R. 3' WEST E. St.
 1+00x 90.06 89.80 89.72 89.86 89.80
 0+50x 90.28 89.60 89.30 89.40 90.23
 1+00x 89.24 88.40 87.90 88.50 90.09
 1+50x 87.05 86.50 86.70 87.50 88.16
 2+00x 85.50 85.25 85.16 85.52 85.85
 2+50x 83.70 83.20 84.40 83.80 84.52
 3+00x 83.65 82.85 83.10 81.70 81.70
 3+50x 84.06 82.30 81.95 82.63 83.20
 3+67.50 82.55 82.35 81.70 82.60 82.75
 4+04.50 82.40 81.00 81.25 81.55 81.86
 4+50x 82.53 80.82 79.50 80.22 80.67
 5+00x 81.30 78.75 77.80 77.80 78.98
 5+50x 79.05 78.50 75.50 76.60 76.40
 6+00x 76.65 75.05 75.05 75.53 75.60
 6+50x 75.50 74.00 74.20 74.05 73.81
 6+81x 73.50 73.50 73.20 73.10 End 73.0



92



93



94

~~1933
1367
566
211
266
2264
11384
135
136~~

~~219 55
218.19
1.36~~

93°

95

221'



~~10259
65
51295
61554
6835~~

96

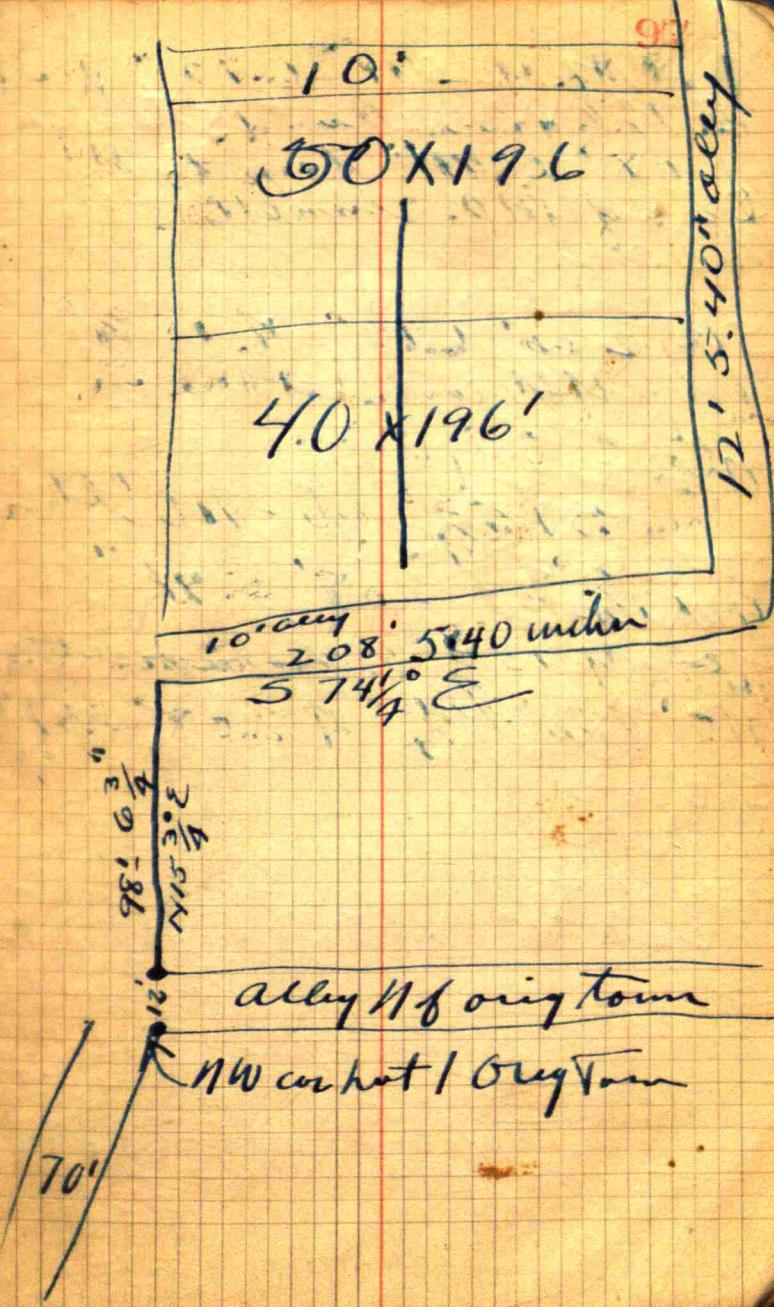
lot No. 4 - 98'-6.72" front
on Lebanon Road.
208' 5.41" deep to W
line of M.P. sennetts.

Big 220' 6.72" N. 15 $\frac{3}{4}$ $^{\circ}$
E of NW corner lot one in
Alley 2 Oreg town.

Then S 15 $\frac{3}{4}$ $^{\circ}$ W - 110' then
E 74 $\frac{1}{4}$ $^{\circ}$ S - 208' 5.41"
then N 15 $\frac{3}{4}$ $^{\circ}$ E on hindert line
110' - W 74 $\frac{1}{4}$ $^{\circ}$ N 208' 5.41".

Lebanon C.R.

Brownberry



98

Mulberry
BM Walks + stakes
Wash St.

SE cor.

NE cor.

quadrand

SW cor

NW cor

SE cor

NE cor

Tenn.

SW cor

NW cor

SE cor

NE cor

Wayne

SW cor

NW cor

SE cor

NE cor

99

25

24

40

, 960

1.02

9 26

4 60

4.6 6
24

1 8 6 4

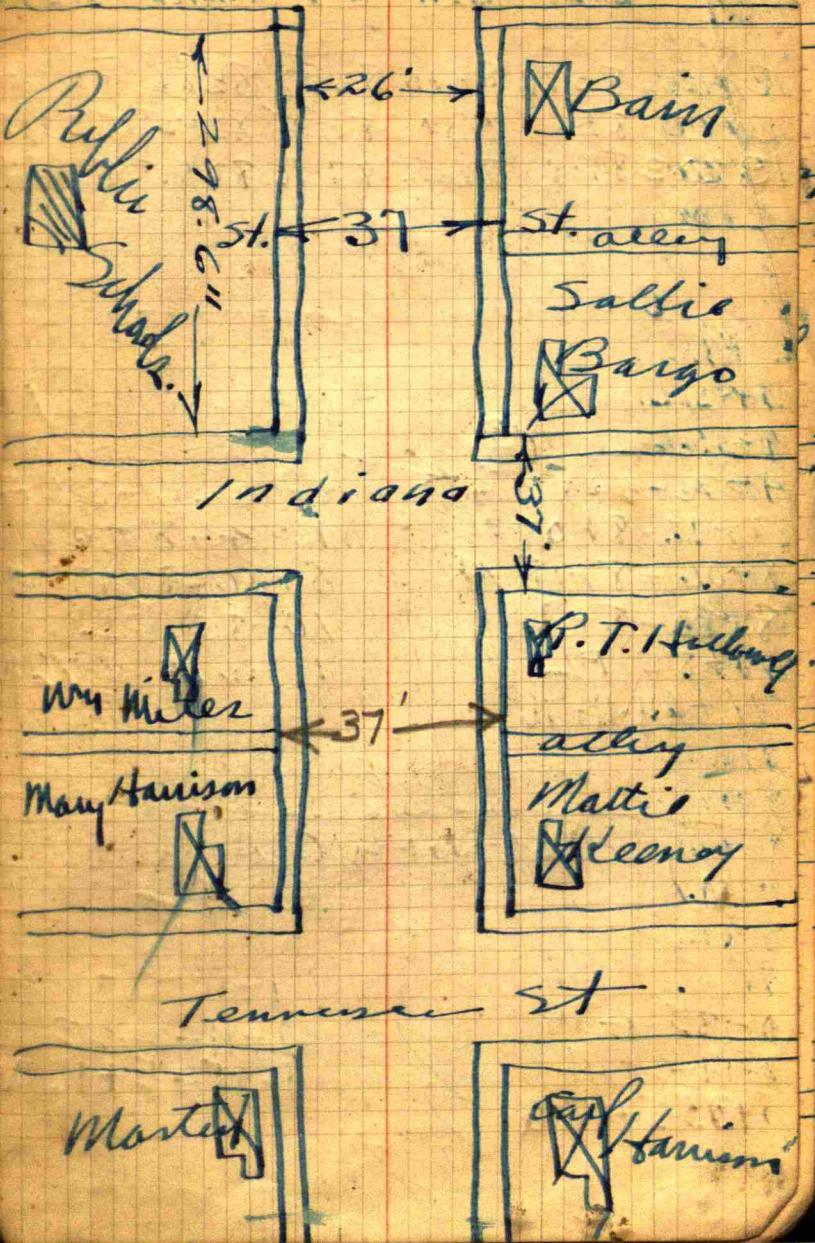
1 9 3 " 4

1 1 1 8 4

St. #	5.5ft	6.5ft	7ft	7.5ft	8ft	8.5ft
Wash.	Mulberry St					
0+00	100.00	100.26	100.62	101.30	101.37	
0+50	100.50	100.32	101.87	101.86	102.71	
1+00	99.93	99.60	100.79	101.42	102.11	
1+50	99.00	98.45	99.44	99.70	100.25	
2+00	98.05	97.35	98.62	98.35	98.70	
2+50	96.75	96.20	97.80	97.00	97.27	
3+00	98.6	95.85	96.02	96.60	97.12	97.16
3+50	97.35	96.6	96.42	96.80	97.65	97.72
4+00	97.56	97.47	96.52	97.55	97.16	98.36
4+50	97.09	95.52	96.46	96.42	97.50	
5+00	95.66	94.50	95.42	95.10	96.00	
5+50	93.96	93.22	94.56	94.16	94.81	
6+00	92.30	91.45	92.86	92.80	93.35	
6+50	90.17	90.40	90.92	91.96	91.60	
7+00	90.05	90.15	90.55	91.30	91.36	
7+50	89.62	89.13	90.23	89.92	90.85	
8+00	88.86	88.52	90.00	90.16	91.05	
8+50	88.71	88.46	89.83	89.86	90.26	
9+00	89.21	89.25	89.80	90.74	91.13	
9+50	88.40	87.53	88.06	88.05	89.01	
10+00	85.56	85.70	85.70	86.67	86.62	
10+50	85.32	85.47	85.75	86.49	86.50	
11+00	84.60	84.52	84.57	85.05	85.83	
11+50	84.03	83.81	84.50	84.15	84.63	
12+00	83.26	83.16	84.05	83.60	83.76	
12+50	83.10	82.66	83.46	83.01	83.42	

5. Wash

101



Sta 102 Sst G/5'N \$ 3' Sst Nst.

12+45.6 8376 83.10 8357 8380 8320
12+95.6 8366 8305 8305 8295 8325
13 20.3 8240 81.55 83.16 8295 8255

W.

Driveway Crossings:

1+21-1+46
1+46-1+57 A
4+76-4+87 A
7+92-8+04
8+06-8+18 A
8+60-8+74
10+85 PL
11+64-11+76

1+56-1+71
1+98-2+10
4+76-4+87 A
7+94-8+06
8+06-8+18 A
10+85 PL
11+64-11+76 A

S

Bowen Crossing

0+95-1+14
2+17-2+29
5+35-5+47 A

111

1+10-1+22
2+11-2+23
4+98+5+11.6 A

Tennened St

193

Masten

alley
Mary
Robinson

223333

22221

81.12

14

Harrison

alley

Townes

Wayne st

Prather
~~testor~~
Herr.
alley

Hogate
Cot

37'

Vogel

alley
~~Hogate~~
alley

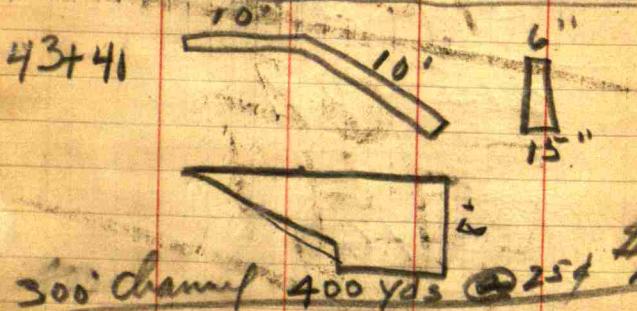
Hogate

Bowen Street

St 4

34+12 - 32'x3x3 Bot Hdwks
18'x6'x20"x10"

38+30 6' Ext. each end
Hdwk 6x12'x12"x20"



300' channel 400 yds @ 25¢ \$100.00

St 44+00 - 2^L Hdwrds, 96 ft each
headwall - 14'x5" V.T. relined

45+50 28'x24" New Pano + 2 Hdwrds
9'x5'x10"x20"

49+00 26"x20" pipe Turned, lay 60
2 - Hdwrds 9'x5'x10"x20"

51+75 Same as 49 except 24" pipe

53+90 Same as 49

Sta 57 - Same as Sta 49

~~124
16 4/7~~

~~62
744
124~~

~~219 96
220 00
218 25~~

~~204.6~~

20

~~125
2.05~~

~~256 2.5
256 2.0~~

Edmonson Br.

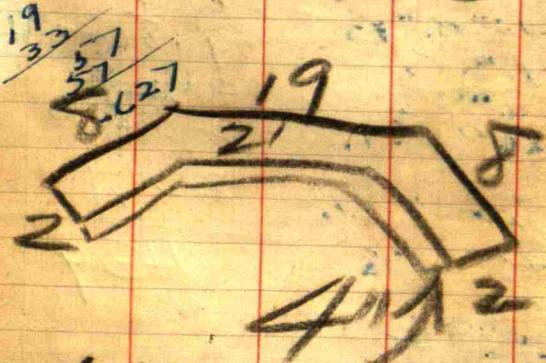
9'-0" Rise 50' Span

OL 53'-0" OW 16'-0"
C.R. 14'-0"

Stone Abutments

Old N Abut.

New Abut S. side



New channel
both sides

1000 Yds Eyc

113

492'	460'
137'	12
<u>930'</u>	<u>342</u>
70	10
<u>1000'</u>	<u>350</u>
	344
	<u>692</u>
	<u>22</u>
	350
	694
	24

990' x 18"
5-18" x 6" Ys
5-6" cl.
5-6" Vs
60' x 6" V-T.

450' x 15" V-T.
5-15" x 6" Ys
5-6" cl.
5-6" Vs
60' x 6" V-T.

670' x 12" V-T.
11-12" x 6" Ys
11-6" cl.
11-6" Vs
100-L" pipe

670' x 10" V-T.
12-10" x 6" Ys
12-6" cl.
12-6" Vs
110-L" pipe