

BK. 57 Dr. 16

PLAN SURVEY

CARVER AVE.

City Limits to East Ave.

New Align. & X-Sec. 1949

S.A.P. 62-542-01

50-43A

Carver Ave.

Alignment
used in
Construction

Sta	Pt	Alt	ARt
-----	----	-----	-----

6 + 43.24	PT	9° 29'	
-----------	----	--------	--

+25		8° 01½'	
-----	--	---------	--

6		6° 01½'	
---	--	---------	--

+84.71	PI		
--------	----	--	--

+75		4° 01½'	
-----	--	---------	--

+50		2° 01½'	
-----	--	---------	--

5 + 24.70	PC	0° 00'	
-----------	----	--------	--

 $\Delta = 18^{\circ} 58'$
 $D = 14^{\circ} 00'$
 $T = 60.01$
 $L = 118.54$
 $R = 359.29$
 $E = 470$

4 + 79.21	PT		9010'
-----------	----	--	-------

+75			8° 50'
-----	--	--	--------

+50			6° 50'
-----	--	--	--------

+25			4° 50'
-----	--	--	--------

+22.60	PI		
--------	----	--	--

4			2° 50'
---	--	--	--------

+75			0° 50'
-----	--	--	--------

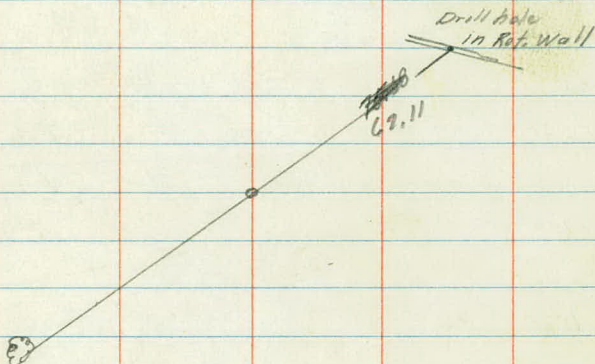
3 + 64.63	PC		0° 00'
-----------	----	--	--------

 $\Delta = 18^{\circ} 20'$
 $D = 16^{\circ} 00'$
 $T = 57.97$
 $L = 114.58$
 $R = 359.28$
 $E = 465$

0 + 00	PI		
--------	----	--	--

⊕

Spt & Disk
in 6" Elm



C for 13' 6" pt

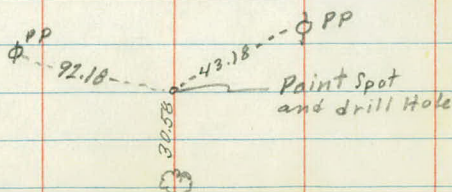
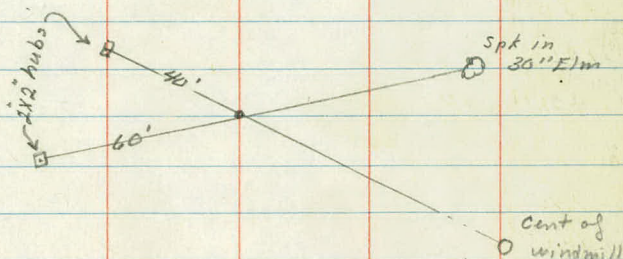
$$= \frac{359.28}{346.28}$$

415.214

24.22

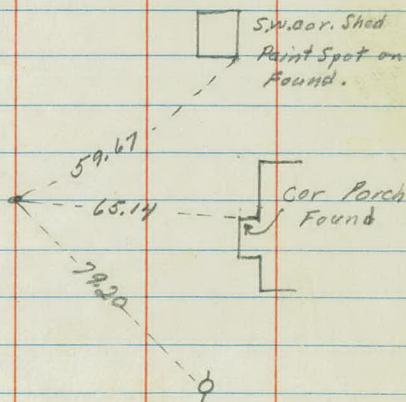
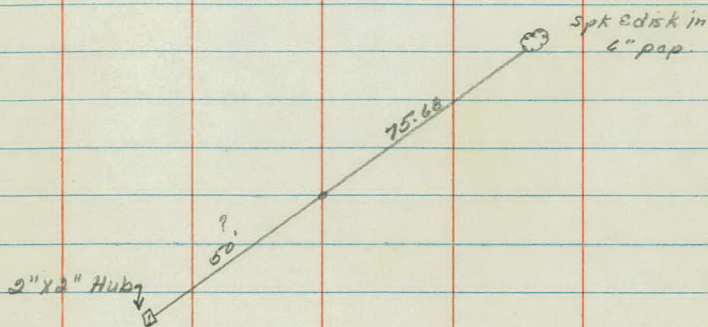
34.29

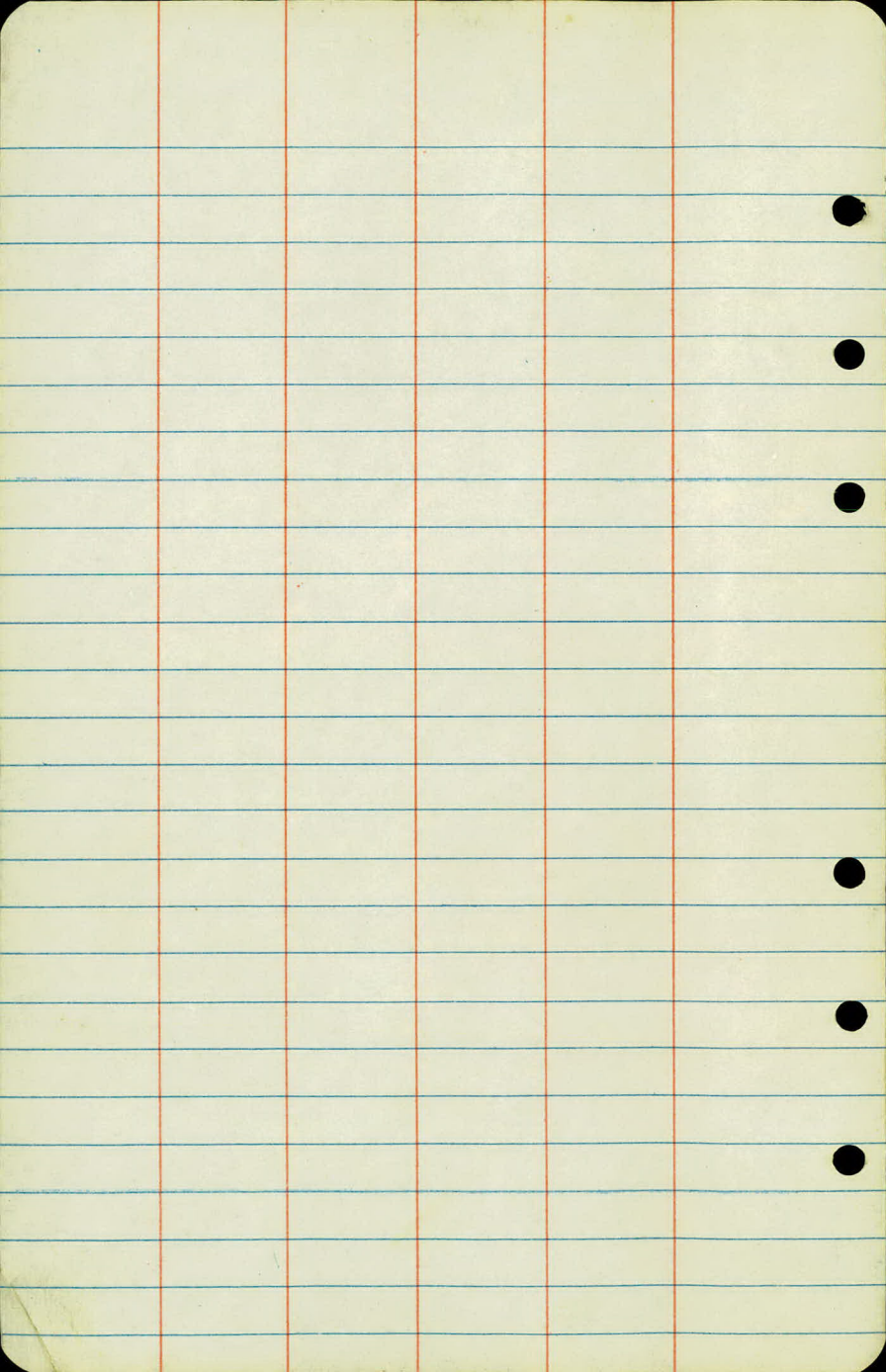
10.05



Sta	Pt	Δ Lt	Δ Rt	
9 + 97.38	PT		9°05'½'	
+75			7°45'	
+50			6°15'	Δ = 18°11'
+25			4°45'	D = 12°00'
+22.39	PI			T = 76.54
9			3°15'	L = 151.53
+75			1°45'	R = 478.34
+50			0°15'	
8 + 45.85	PC		0°00'	

7 + 85.10	PT	8°56'		
+75		8°13'½'		
+50		6°28'½'		Δ = 17°52'
+25		4°43'½'		D = 14°00'
+21.97	PI			T = 64.69
7		2°58'½'		L = 127.62
+75		1°13'½'		R = 410.28
6 + 57.48	PC	0°00'		





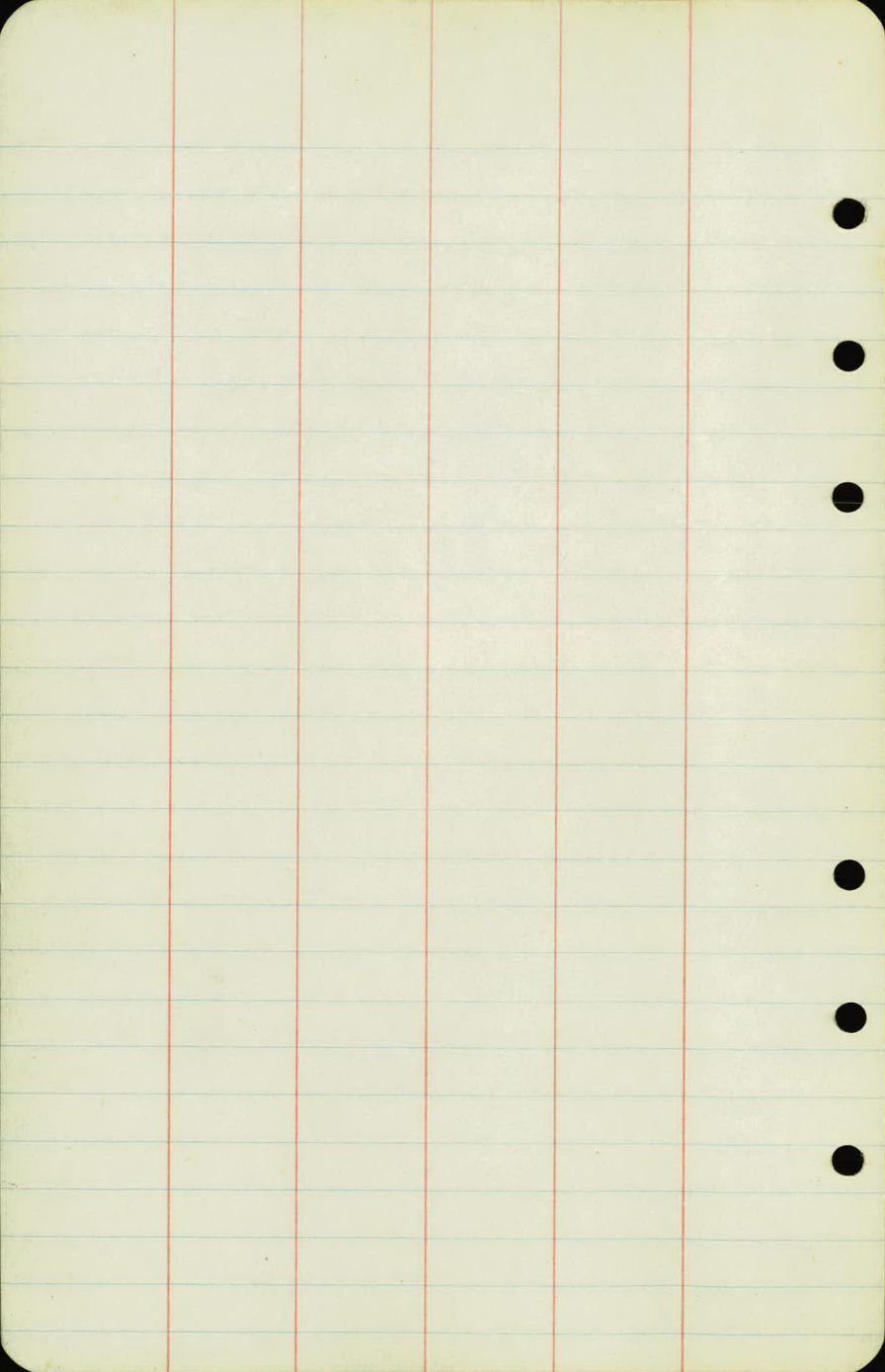
Carver Ave

Location Survey

"A" Line

Alignment - Page 1 to 3

X Sections - " 4 to 22



1

Carver Ave

"A" Line
alignment

Jan 16 to 24, 1949

GB

AM

MB

BC

Sta Pt. L L+ A R+

+45.32

145.06

+45.07

PT

9°29'

+25

7°52'

$\Delta = 18°58' L +$

6

5°53'

D = 16°00'

84.72

+86.53

PI

T = 60.02 ✓

+75

3°53'

L = 118.54 ✓

+50

1°53'

R = 359.28

+26.52

5 +26.51

P.C.

0°00'

E = 4.70

Tan = 2.170

+

79.50

+79.21

PT

9°10'

+75

8°50'

+50

6°50'

$\Delta = 18°20'$

+25

4°50'

D = 16°00'

+22.60

PI

87.97

T = 57.97 ✓

4

2°50'

L = 114.58

+75

0°50'

R = 359.28

3+64.63

PC

0°00'

E = 4.65

0+00

PI

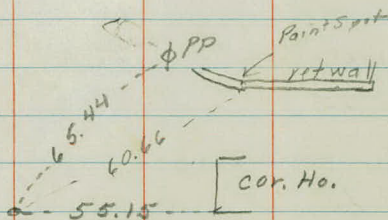
= 0+12

"T" Line

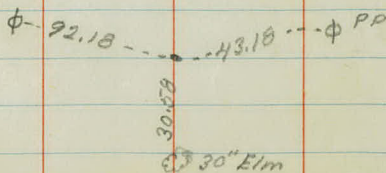
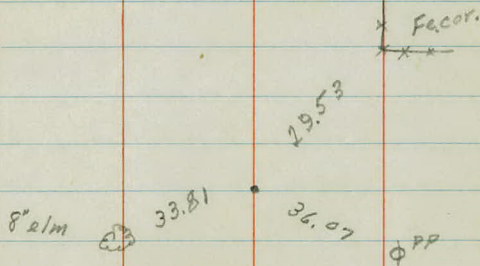
Φ

14° 01' 30"

14° 00' 34"



18° 17'



Sta PT ΔL+ ΔR+

13+67.42 PI City Limits

+98.90 PT 9°05.5'

+75 7°39.5'

+50 6°09.5'

+25 4°39.5'

+23.91 PI

Δ = 18°11'

D 12°00'

T 76.54[✓]

9 3°09.5'

L 151.53[✓]

+75 1°39.5'

R 478.34

+50 0°09.5'

8 +47.37 PC 0°00'

7 +97.82 PT 8°56'

+75 7°34'

+50 6°04'

+25 4°34'

+24.09 PI

Δ 17°52'

D 12°00'

T 75.19

7 ~~PI~~ 3°04'

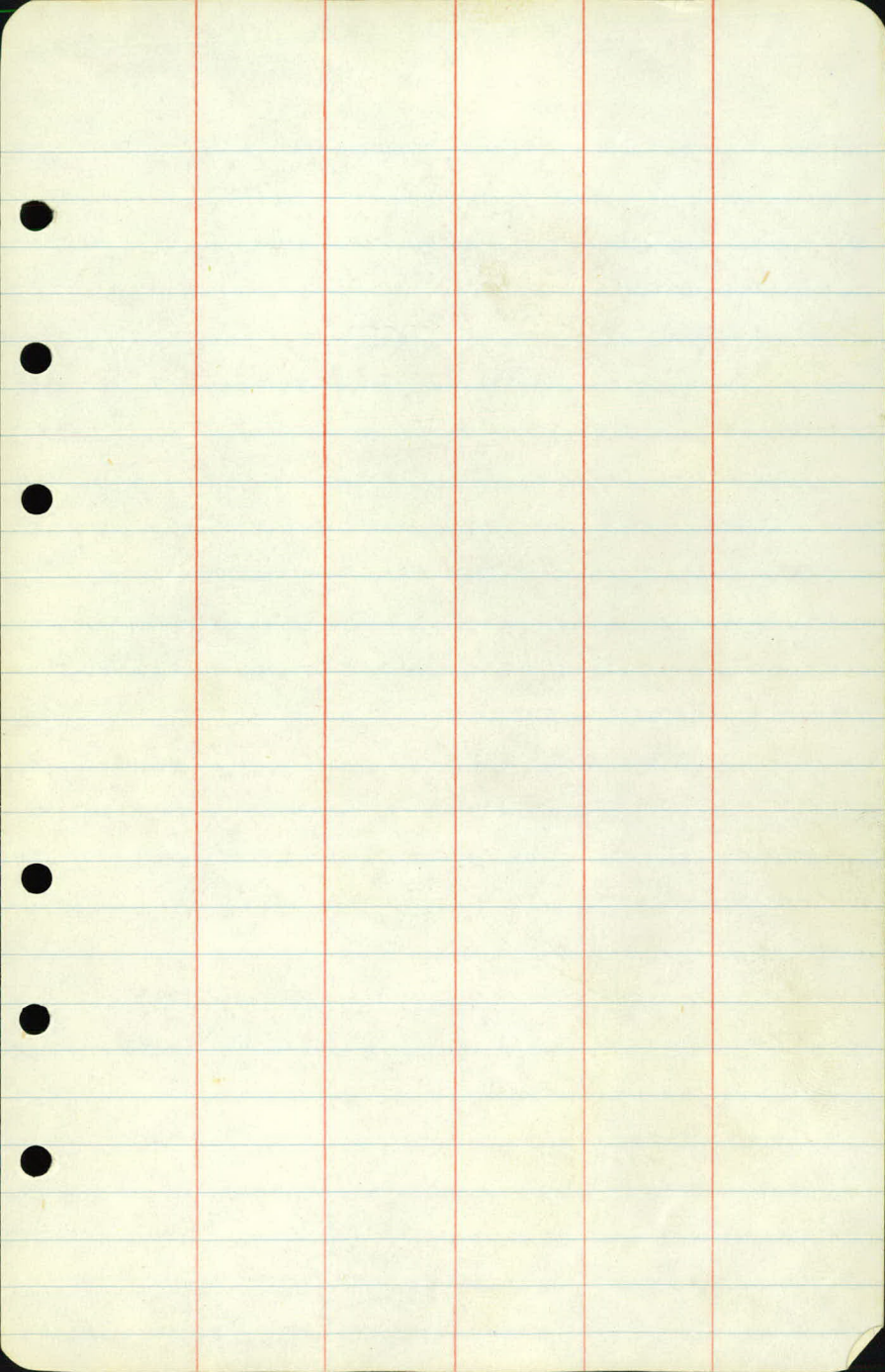
L 148.92

R 478.34

+75 1°04'

+50 0°04'

6 +48.90 PC 0°00'



+8722	PC	$8^{\circ} 56'$	$\Delta = 17^{\circ} 52'$
+75		$8^{\circ} 04\frac{1}{2}'$	$D = 14^{\circ} -$
+50		$6^{\circ} 19\frac{1}{2}'$	$T = 64.49$
7+29.09	PI		$L = 127.62$
+25		$4^{\circ} 34\frac{1}{2}'$	$R = 110.28$
7		$2^{\circ} 49\frac{1}{2}'$	
+75		$1^{\circ} 04\frac{1}{2}'$	
+59.6	PC	$0^{\circ} 00'$	

170 52

$$\begin{array}{r} 2 \overline{) 160 \ 112} \\ 80 \ 56 \end{array}$$

$$\begin{array}{r} 64 \\ 38 \overline{) 228} \\ 76 \\ \hline 152 \\ 110 \\ \hline 42 \\ 38 \overline{) 152} \\ 76 \\ \hline 76 \\ \hline 0 \end{array}$$

$$P.I. = 7+2409$$

$$\Delta = 17052$$

$$D = 140 -$$

$$T = 64.49 \checkmark$$

$$L = 127.62 \checkmark$$

$$P.C. = 6+59.60 \checkmark$$

$$P.T. = 7+87.22 \checkmark$$

$$R = 410.28$$

$$\begin{array}{r} 47 \\ 21 \overline{) 958} \\ 84 \\ \hline 118 \end{array}$$

86.53

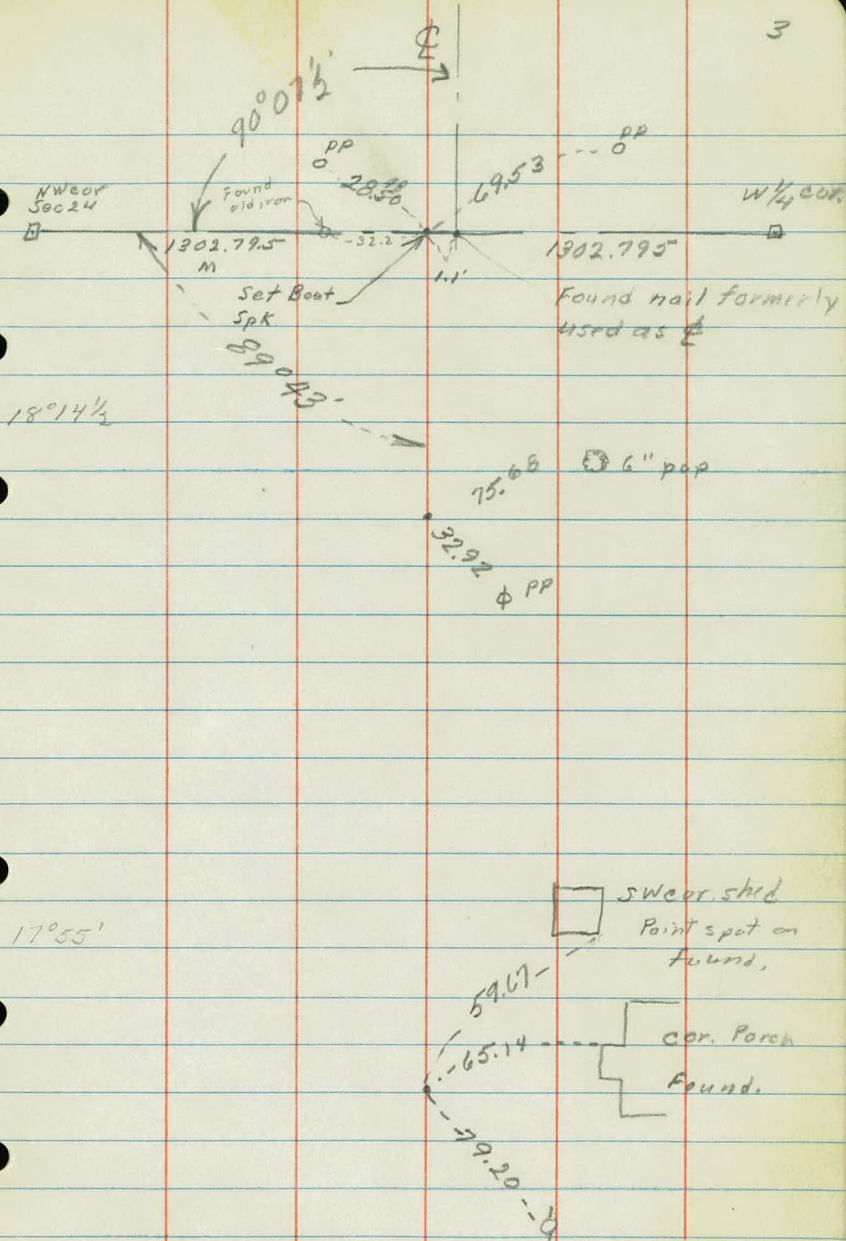
03.7

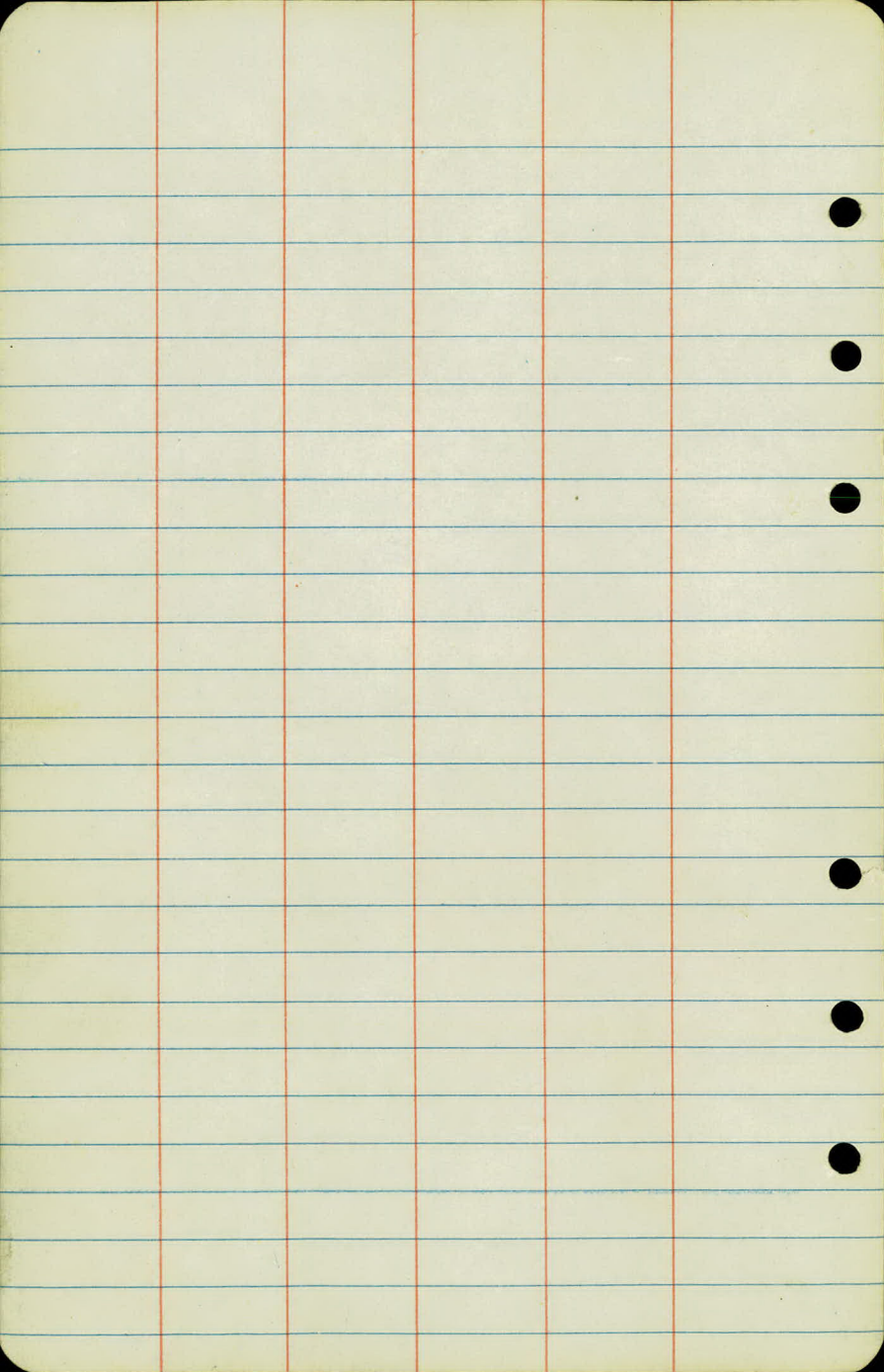
$$\begin{array}{r} 117.5 \\ 48.7 \overline{) 117.5} \\ 97.4 \\ \hline 20.1 \end{array}$$

89°43'

90°07'

179 50





"A" Line

X Sections

Sta	+	π	-	Elev
-----	---	-------	---	------

BM	12.98	869.18		856.20
----	-------	--------	--	--------

0+00				
------	--	--	--	--

+20				
-----	--	--	--	--

+30				
-----	--	--	--	--

+32				
-----	--	--	--	--

+40				
-----	--	--	--	--

+60				
-----	--	--	--	--

Lt

Q

Rt

Top Mott.

56.4 56.6 56.6 56.4 56.1 55.4 55.2
12.3 12.6 12.6 12.80 13.1 13.8 14.0
75 50 23 32 6.2 75

✓

57.8 57.7 57.2 57.4 56.9 57.1 56.8 56.4 56.0
11.4 11.5 12.0 11.8 12.3 12.05 12.4 12.8 13.2
75 58 42 18.5 16 22 42 75

✓

58.3 58.3 58.1 57.6 58.0 57.3 57.4
10.9 10.9 11.1 11.6 11.2 11.9 11.80
75 63 42 20 14 10

57.0 57.3 56.3 56.1
12.2 11.9 12.9 13.1
21 29 52 75

✓

56.3 58.2 58.1 57.6 57.3 57.5 57.2 57.7 56.5 56.8 55.9 55.5
10.9 10.9 11.1 11.2 11.9 11.73 11.95 11.5 12.7 14.4 15.3 15.7
75 63 42 14 13.5 18 22 39 52 67 75

✓

58.5 58.6 58.1 58.2 58.4 57.8 57.9
10.7 10.6 11.1 11.0 10.8 11.45 11.45
75 57 32 21 10.5 8.0

57.5 57.5 57.0 57.6 57.2 57.1
11.72 10.7 11.2 12.6 15.0 15.1
13.0 17 25 42 57 75

✓

57.4 57.7 60.5 60.5 57.0 57.5 57.7 57.4 60.4 60.4 57.8
10.8 10.5 8.7 8.7 10.2 10.65 10.53 10.84 10.82 8.8 8.8 11.4
43 21 16 14 8.5 8.0 6.0 8 13 15.5 30

4

10.2 10.4
61 75
59.0 58

12.9 12.7
75 58

Sta	+	π	-	Elev
-----	---	-------	---	------

869.18

0 +47		inlet of Solid Conc. Catch B. Rt & Lt		
-------	--	---------------------------------------	--	--

1

+50

2

+50

T.P.	12.71	880.62	1.27	867.91
------	-------	--------	------	--------

3

STA. + π - ELEV.

880.62

3+37

2+00

2+50

3+64.63

+75

4

3+00 - old. Align.

5.72. 874.90

(874.94)

LT.

R

PT.

79.6	80.6	79.8	79.3	79.4			79.1		79.1		
0.0	0.0	1.8	1.33	1.24			1.48		1.48		1.8
14	12	8	6.2				5.8		5.8		8
71.3	71.6	72.4	71.5				13.5	13.1	11.4	0.6	0.6
9.3	9.0	8.2	7.1				75	52	32	14	11
26	45	6.1	7.5						69.2	80.0	80.0
69.8	69.8	68.4	67.8	67.8	67.8	67.5	67.5	68.0	69.6	69.5	69.5
10.8	10.8	12.2	12.78	12.75	12.83	13.1	12.6	11.1	11.1	11.1	11.1
16	13	9	6.0		6.0	7	8.5	12	16		

X

73.7	75.7	72.0	71.4	71.3	71.7	71.8	71.6	71.2	71.1	73.1	
6.9	6.9	8.6	8.7	9.3	8.93	8.82	9.00	9.4	7.5	7.5	
15	13	9	8.5	8	6.0		6.0	8	12	14	
14.4	15.9	16.9	16.9	16.9	16.9						
26	39	55	75								

77.5	76.4	75.7	74.0		72.4	70.8	70.0			
3.1	4.2	4.9	6.6		8.2	9.8	10.6			
75	54	37	27		34	53	75			

79.7	79.5	76.8	74.8	74.8		73.9	72.0	71.1		
0.9	2.1	3.8	5.8	5.8		6.7	8.6	9.5		
75	57	36	34	32		34	54	73		

82.1	86.5	84.4	80.4	80.5		77.2	75.1	74.3		
+ 6.5	16.1	14.1	0.2	0.1		3.4	5.5	6.3		
75	70	48	38	32		32	5.3	75		

Handled from 2

STA

+

π

-

E/EV.

LT.

C

RT.

STA.	+	π	-	ELEV.
Bm	10.29	894.97		884.68

2+64.63	PI			882.12
---------	----	--	--	--------

1				
+75				83.17

4				85.94
---	--	--	--	-------

+25				88.92
-----	--	--	--	-------

+50				92.37
-----	--	--	--	-------

Bm	11.08	907.68		896.60
----	-------	--------	--	--------

4+25				
------	--	--	--	--

+50				
-----	--	--	--	--

STA. + π - ELEV.

907.68

4+79.21

895.23

5+00

900.18

+26.5

04.48

+50

06.68

TP

14.28

921.06

0.90

906.78

+75

08.46

6

11.86

Handwritten notes on a grid background, including calculations and numbers:

Top section (left):

- 902.2
- 900.0
- 896.7
- 895.3
- 895.8
- 895.5
- 895.0
- 898.5

Top section (right):

- 902.2
- 900.0
- 896.7
- 895.3
- 895.8
- 895.5
- 895.0
- 898.5

Middle section (left):

- 904.5
- 903.6
- 901.2
- 901.6
- 901.8
- 901.6
- 901.2

Middle section (right):

- 904.5
- 903.6
- 901.2
- 901.6
- 901.8
- 901.6
- 901.2

Bottom section (left):

- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7

Bottom section (right):

- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7

Bottom section (left):

- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7

Bottom section (right):

- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7
- 906.7

STA. + π - ELEV.

921.06 ✓

6+25

913.46

+30

14.26

+45 Bot. Ret wall rt. 15.96

+45 Top Ret wall

4+79.2

5+00

+26.51

LT.

RT.

✓ 16.6 14.8 13.6 12.5 13.7 13.9 13.5 14.6 17.2 18.0
 4.5 6.3 7.5 7.6 7.4 7.2 7.6 6.5 3.9 3.1
 12 5 2 1 8 15 23 29 39

✓ 17.2 16.0 14.0 14.3
 3.9 5.1 7.1 6.8
 13 7 2

✓ 14.3 13.9 14.5 16.5 17.2 17.0
 6.8 7.2 6.6 4.6 3.9 4.1
 7 14 23 40 58 75

RT.

LT.

17.0 17.5 15.7 15.5 15.6 16.0 16.0 15.9 16.0 17.9 18.6
 4.1 3.6 5.4 5.6 5.5 5.1 5.1 5.2 5.1 3.2 1.5
 75 58 27 15.5 12 5 1 4 9 16

✓ 19.2 17.7 16.3
 1.9 3.4 4.8

20.6 14.1
 0.5 7.0
 75 46

23.1 28.4 27.4 11.2 26.5
 +2.0 12.7 13.5 9.9 14.6
 55 37 30 22 10
 +7.0
 75

32.4 31.0 15.1 14.7 20.7
 +11.6 +9.9 6.0 6.4 0.4
 75 66 42 36 25

STA.	+	π	-	ELEV.
------	---	-------	---	-------

921.06 ✓

5+50

+75

TP	9.56	930.31 ✓	0.31	920.75 ✓
----	------	----------	------	----------

6+54

16.91

+75

18.91

7

21.41

TP	8.86	938.61 ✓	0.56	929.75 ✓
----	------	----------	------	----------

LT.

RT.

37.2	22.8	20.7	11.1
+ 16.1	+ 1.7	0.4	10.0
75	53	45	25

✓

29.9	29.9	28.6	21.1
+ 18.8	+ 8.8	+ 7.5	0.0
59	50	40	25

✓

21.2	18.1	17.1	14.8	16.9	16.9	16.1	16.1	17.7	18.3
8.6	11.7	13.2	13.5	13.4	13.4	13.6	14.2	12.6	12.0
19	9	5	2		5	12	14	17	20

✓

✓

23.2	20.9	19.1	18.8	18.9
7.1	9.4	11.2	11.5	11.4
20	10	6	3	

✓

✓

18.9	18.1	18.3	20.6
11.4	11.7	12.0	9.7
4.9	4.9	11.3	11.6
23.9	23.9	23.7	24.2
6.4	6.4	7.1	4.1
25	58	24	20

25.6	21.4	21.4	21.4	21.5	21.4	21.4	22.8	23.2	24.5
4.7	8.9	8.9	8.9	8.8	8.9	8.9	7.5	7.1	5.8
17	6	4		3	10	13	16	18	21

✓

✓

40	24.5	24.5
5.8	5.8	5.8
67	47	

STA.	+	π	-	ELEV.
------	---	-------	---	-------

938.61 ✓

7+25

924.31

+50

26.66

+75

28.86

8

31.05

Sta 9

1.21

937.40 ✓

937.41 ✓

T.P.

10.73

948.95 ✓

0.39

938.22 ✓

5+75

6+00

LT.

RT.

24.0	23.9	24.4	24.3	23.9	24.6	25.5	25.2	24.5
11.6	14.7	14.2	14.3	14.7	14.0	13.1	13.4	14.1
15	7	2		9	14	20	15	15

27.0	26.7	26.7	26.3	26.0	26.9	27.2	26.6
11.6	11.9	11.95	12.3	12.6	11.7	11.4	13.0
10	7		7	9	12	37	61

29.3	28.9	28.9	28.7	28.2	29.2	29.6	30.0
9.3	9.7	9.75	9.9	10.4	9.4	9.0	3.6
12	8		5	7	10	15	21

36.8	37.7	37.4	32.0	30.8	31.0
1.8	0.9	1.2	6.6	7.8	7.56
35	30	25	14	9	

37.5
1.1
45

30.9	32.9	33.9	34.4
7.7	6.7	4.7	4.2
5	75	67	45
30.4	32.8	37.1	39.2
5	12	14	20
20			
75			
36.6			
39.1			
6			

32.4
32.8
37.1
39.2
1.5
1.4
32
+0.5
+0.5
47
39.1

44.1	43.3
48	56
100	79

43.4	39.1	32.0	34.7	33.8
55	168	16.9	14.2	15.1
70	52	46	42	34
44.1				
4.8				
85				

STA.

+

π

-

ELEV.

948.95✓

6+25

+30

+45 +54

+75

7

+25

+50

L

Rt.

Lt.		Rt.	
43.9	35.3	34.6	34.8
5.0	13.6	12.3	14.1
65	51	43	35

44.4	43.9	35.3	35.3	34.6	34.8
4.5	5.0	13.6	13.6	12.3	14.1
87	65	51	46	43	35

44.5	44.2	39.7
4.4	4.7	9.2
80	54	44

50.8	43.8	44.3	44.1	43.1
+1.9	5.1	4.6	4.8	5.8
81	67	57	48	44

52.7	52.1	43.2	43.6
+3.8	+3.2	5.7	3.3
80	66	56	42

54.4	54.4	42.7	42.7
+5.5	+5.5	6.4	6.2
90	68	54	34

53.3	52.8	40.9	41.5
+4.4	+3.9	8.0	7.4
85	66	52	34

Sta. + π - Elev.

948.95 ✓

7475

8400

Lt.

E

Rt.

54.5

53.0

39.8

39.8

+5.6

+4.1

9.1

9.1

90

64

50

30

55.4

49.9

+6.5

+1.0

90

57

✓

✓

Sta.

+

π

-

Elev.

STA.	+	π	-	ELEV.
BM	0.62	943.80		943.18

8 + 25

+ 47.37 "PC"

+ 75

9

TP	12.10	953.36	254	941.26
----	-------	--------	-----	--------

8 + 25

+ 47.3
+ 5

Lt.

RT.

E old Alignment Sta 10+00

35.4	34.9	33.45	33.51	33.42	Edge Conc	33.1	36.5	41.2
8.4	8.9	10.35	10.29	10.38	10.7	7.3	2.6	
37	23	92		4.8	6	15	22	

41.1	39.5	35.5	35.38	35.43	35.22	35.1	37.9	41.9
2.7	4.2	8.3	8.47	8.37	8.58	8.7	5.9	1.9
26	20	11	8.7		5.2	6	16	21

42.2	37.55	37.02	37.97	37.2	39.0	42.3
1.6	6.25	6.18	6.33	6.6	4.8	1.5
16	7		7	8	15	19

40.4	39.65	39.67	39.47	39.6	42.0
3.4	4.15	4.13	4.33	4.2	1.8
7	3.2		10.8	14	20

50.0	47.0	42.1	41.2	37.9
3.4	6.4	11.3	12.2	15.5
75	52	40	60	75

49.4	45.3	46.0	49.1	44.3	40.5
4.0	8.1	7.4	10.37	9.18	12.9
75	43	34	333	59	75

Sta.	+	π	-	Elev.
------	---	-------	---	-------

953.36

8	+75			
---	-----	--	--	--

9				
8				

	+25			
--	-----	--	--	--

	+50			
--	-----	--	--	--

	+75			
--	-----	--	--	--

LT.

479	459	448	430
5.5	7.5	8.6	10.4
75	50	23	25

RT.

436	452	420
9.8	10.2	11.4
24	53	75

✓

469	459	448	436
6.5	7.5	8.6	9.8
75	52	31	17

462	459	442	419
7.2	7.5	9.2	11.5
26	38	51	75

✓

477	460	450	434
5.7	7.4	8.4	9.5
75	47	23	8

411	4129	Edge Core	4113	41.5	42.4
12.3	12.07	11.98	12.23	12.1	11.0
	1.4	7	154	18	23

450	476	493
8.4	5.8	7.1
75	57	35

✓

4492	4471	459	457	446	438	429
4.2	6.3	7.5	7.7	8.8	9.6	11.1
75	66	39	18	3		3

4254	4246	4224
11.02	10.90	11.12
4.8	10	18.8

✓

454	469	446	435	424
8.0	6.5	8.8	7.9	11.0
75	70	59	25	21

512	498	474	465	454	456
1.2	3.9	6.0	6.9	8.0	7.8
75	62	38	21	8	5

449

429	430	4316	430	445
10.5	10.37	10.20	10.37	10.4
5	6.2	12	202	23

✓

443	458	451	453
9.1	7.6	8.3	8.1
75	60	42	34

✓

Sta.	+	π	-	Elev.
------	---	-------	---	-------

963.36

10+00

+32

TP	9.71	955.90	7.17	946.19
----	------	--------	------	--------

+39.2

end Concrete.

+75

X

¢

✓

9.34 9.52

45.1	44.6	
8.3	8.8	9
32	27	2

8.6
22

8.2
25

451
10.8

44.76
11.14
22.2

10.6
42

48.6
7.3
13

10.3
27

460
9.9
45

40
7.5
55

Sta + π - Elev.

955.90

11 + 36

+ 71

TP 10.95 962.93 3.92 951.98

12 + 00

+ 29

+ 36

+ 52

L+

E

R+

X

530
2.9 3.6 4.8 3.9 3.7
75 52 31 20 5

497
6.2 8.0 9.2 8.9 9.2 9.3
4 8 18 28 45

464
10.5 8.5
25 60

562
+0.5 1.2 1.5 0.8 1.6
75 55 29 21 15

544
1.5 1.5 1.5 1.5 1.5
7 7 7 7 7

579
3.6 6.8 8.7 8.4 9.1 9.3
75 53 32 24 16 8

592
3.7 7.1 9.4 9.3 10.6
75 53 32 22 8

585
4.4 7.4 9.6 9.7 10.6 11.8
75 55 33 19 8

502
12.7 12.4 12.8 11.6 11.3 10.1
5 14 24 37 52 75

575
5.4 7.6 10.0 9.6 10.9
75 58 35 21 12

510
11.9 12.1 11.6 11.7 12.1 11.1 9.9
3 13 20 29 53 75

Sta. + π - Elev.

962.93

12+78

13+00

+25

Hd Rt

57.6
5.3
66

13+50

+66.04
+67.8

PI(city Limits)

14

+50

LT

E

RT

X

52.2	52.6	52.4	52.7	51.3	51.1	51.9	51.9	52.4	52.1	51.7	51.3	50.6	51.4
6.7	9.3	10.5	10.2	11.6	11.8	11.0	11.0	10.5	10.8	11.3	5.6	4.3	5.5
75	54	32	17	12	7	3	3	12	21	25	37	53	75

X

55.3	53.4	52.3	52.9	52.0	51.3	52.7	52.9	53.1	52.8	52.0	52.2	50.6	50.6
7.6	9.5	10.6	10.0	10.9	11.6	10.0	9.8	10.1	10.9	10.7	4.4	4.3	4.3
25	59	30	23	17	10	10	9	19	23	26	34	40	40

X

55.2	51.8	51.1
4.7	5.1	5.6
75	56	

52.6	53.2	53.2	52.4	52.7	53.9	54.0	54.0	54.6	53.3	53.3	57.9	57.4
6.3	9.7	9.7	10.5	10.2	9.0	8.9	8.9	9.3	9.6	9.6	5.0	5.5
75	50	25	20	15	7		6	17	21	26	33	48

X

56.9	60
75	

57.8	55.0	53.6	54.3	54.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
5.1	7.9	9.3	8.6	8.6	8.6	8.7	9.0	9.7	9.6	6.7	6.1	6.1
25	50	21	8		6	17	21	26	31	48		

X

55.9	60
75	

54.5	53.7	53.1	53.6	54.4	54.6	54.8	54.5	54.3	53.5	53.3	54.3	54.3
8.4	9.2	9.8	9.3	8.5	8.3	8.1	8.4	8.6	9.4	9.6	8.0	8.0
45	25	21	15	11	7	15	18	21	24	30		

56.4

6.5

75

55.4

75

75

54.3

8.6

50

54.3	54.2	54.5	53.6	54.7	55.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6
8.6	8.7	8.4	9.3	8.2	7.7	7.3	7.3	7.3	7.5	9.0	8.7	8.7
75	53	30	19	16	11		6	17	22	26	54	75

Sta	+	π	-	Elev
-----	---	-------	---	------

		962.93		
--	--	--------	--	--

15				
----	--	--	--	--

	+50			
--	-----	--	--	--

			58.4.	
--	--	--	-------	--

16				
----	--	--	--	--

			60.4.	
--	--	--	-------	--

	+50			
--	-----	--	--	--

			62.7.	
--	--	--	-------	--

17				
----	--	--	--	--

			64.4.	
--	--	--	-------	--

B M				
-----	--	--	--	--

		8.25	954.68	
--	--	------	--------	--

				954.71
--	--	--	--	--------

Lt

L

Rt

X

54.2	54.8	54.2	54.9	54.3	54.2	54.2	54.5	54.7	54.8	54.7	54.4	54.1
77	8.1	8.7	8.0	8.6	8.7	6.7	6.4	6.1	6.2	7.5	8.1	7.5
75	55	49	34	28	19	11	7	14	18	24	40	58

4.5

2.5

0.2

+1.5

Spk

Sta.

+

π

-

Elev

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

Carver Ave

Stadia Notes - West end

2-2-50

G.B.	M.B.
A.M.	B.C.

OBJECT

AZI

STADIA

A @ Sta 0+00 "A" Line

To PI Sta 4+22.6

90°00'

☿ South B. Lane

332°55'

" "

329°50'

" "

324°10'

" "

313°00'

" "

285°45'

" "

231°25'

" "

205°40'

" "

193°40'

" "

189°10'

☿ " "

186°00'

☿ No. B Lane

192°40'

" " "

196°30'

" " "

203°00'

" " "

223°10'

" " "

256°40'

" "

285°15'

" "

306°00'

" "

318°00'

" "

323°40'

223°40'

30" Elm

261°40'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

HI = 5.54

340			3.6		
263'			3.55		
200'			3.65		
138'			4.00		
90'			4.55		
92'			5.35		
142'			6.18		
214'			7.35		
277'			8.53		
355'			10.00		
365'			11.70		
300'			9.4		
238'			8.35		
154'			7.00		
123'			6.1		
136'			5.5		
182'			5.0		
245'			4.7		
307'			4.7		
35					

OBJECT	AZI	STADIA
Wedge Service Drive (Cont)	181°35'	
E " " " "	152°25'	
E " " " "	155°10'	
W " " " "	179°30'	
E " " " "	171°05'	
W " " " "	180°40'	
W " " " "	181°00'	
W " " " "	181°20'	
W " " " "	182°30'	
W " " " "	186°25'	
	189°05'	
W	192°05'	
end Rad	195°45'	

π

π @ 0+00 "A" Line

to "PI" @ Sta 4+22.6

E Edge of Bk top	90°00'
W " " " "	345°18'
E " " " "	338°25'
W " " " "	344°10'
E " " " "	340°30'
W " " " "	343°10'
E " " " "	341°15'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

47	.		6.60		
----	---	--	------	--	--

49'	.		5.5		
-----	---	--	-----	--	--

97'	.		6.05		
-----	---	--	------	--	--

95'	.		6.75		
-----	---	--	------	--	--

143'	.		6.53		
------	---	--	------	--	--

137'	.		6.60		
------	---	--	------	--	--

148'	.		6.60		
------	---	--	------	--	--

160'	.		6.63		
------	---	--	------	--	--

165'	.		6.70		
------	---	--	------	--	--

174'	.		6.93		
------	---	--	------	--	--

175'	.		7.05		
------	---	--	------	--	--

174'	.		7.00		
------	---	--	------	--	--

167'	.		6.42		
------	---	--	------	--	--

4I=535

125	.		4.5		
-----	---	--	-----	--	--

164'	.		4.2		
------	---	--	-----	--	--

258'	.		3.0		
------	---	--	-----	--	--

330'	.		1.95		
------	---	--	------	--	--

449'	.		1.55		
------	---	--	------	--	--

585'	.		3.2		
------	---	--	-----	--	--

OBJECT

AZI

STADIA

Carver Ave

Pavement Widths

Sta 4+00 to 8+00, "A" Line

2-3-50

G.B.

A.M.

M.B.

B.C.

Sta	+	π	-	Elev
-----	---	-------	---	------

4+00				
------	--	--	--	--

+25				
-----	--	--	--	--

+50				
-----	--	--	--	--

+75				
-----	--	--	--	--

5				
---	--	--	--	--

+25				
-----	--	--	--	--

+50				
-----	--	--	--	--

+75				
-----	--	--	--	--

6				
---	--	--	--	--

+25				
-----	--	--	--	--

+50				
-----	--	--	--	--

+75				
-----	--	--	--	--

Gutter Edge	Lx	Edge Pavement	Edge Pavement	Rt.	edge gutter
12		8.25	3.95		6.0
15.3		11.1	1.3		4.4
11.8		7.5	5.55		9.65
3.9		0.15	13.9		17.15 18
2.9		6.55	20.2		24.0
8.6		12.1	26.7		30.4
12.1		16.8	30.1		35.15
7.5		11.7	25.7		29.8
1.7		5.1	19.5		23.1
3.0		0.5	14.5		Cone 5' ab
6.5		2.3	12.1		15.3
7.3		3.3	10.7		10.7 14.3

Sta	+	π	-	Elev
-----	---	-------	---	------

7 + 00				
--------	--	--	--	--

+25				
-----	--	--	--	--

+50				
-----	--	--	--	--

+75				
-----	--	--	--	--

7 + 97.82				
-----------	--	--	--	--

Lt	Edge Pave	℄	Edge Pave.	Rt
	4.4		10.4	13.3
	5.1		8.9	
	2.1		7.0	
	8.6		5.4	
	9.4		5.2	

Note: for edge of gutter Sta 7 to 8
See x section notes ("A" Line).

Sta

+

T

-

Elev

X sections
for
Pavement Intersection

2-16-50

KA	MB
GB	KR.
AM	

Sta	+	π	-	Elev
BM	5.02	861.22		856.20
BM			3.19	858.03

0+10

+15

+20

+25

+30

+35

+40

+45

2

Top Night

Spk in 30" Elm - 0 + 35

56.9 56.74 56.76 56.76 56.75
4.53 4.48 4.46 4.46 4.47
21.0 15 10 5

56.90 56.89 56.96 56.87
4.32 4.29 4.26 4.35
15.4 10 5

57.02 57.08 57.06
4.20 4.14 4.16
12.4 5

57.15 57.19 57.22 57.21 57.04 57.92 56.80 56.67
4.07 4.08 4.00 4.01 4.18 4.30 4.42 4.53
10.45 5 5 10 15 20 29.7

57.26 57.31 57.33 57.34 57.18 57.08 56.94
3.96 3.91 3.89 3.88 4.04 4.14 4.28
9.3 5 5 5 10 15 20.3

57.45 57.50 57.49 57.36 57.22
3.77 3.72 3.73 3.86 4.00
8.9 5 5 10 15

57.71 57.72 57.68 57.37
4.35 3.50 3.54 3.85
9.00 5 12.0

Conc. extends to C Basin Apron. 57.83 57.94 57.68 57.8
3.19 3.28 3.65 9.8
4.5 9.4

Top M.H. - 4.09



14.4

12.2

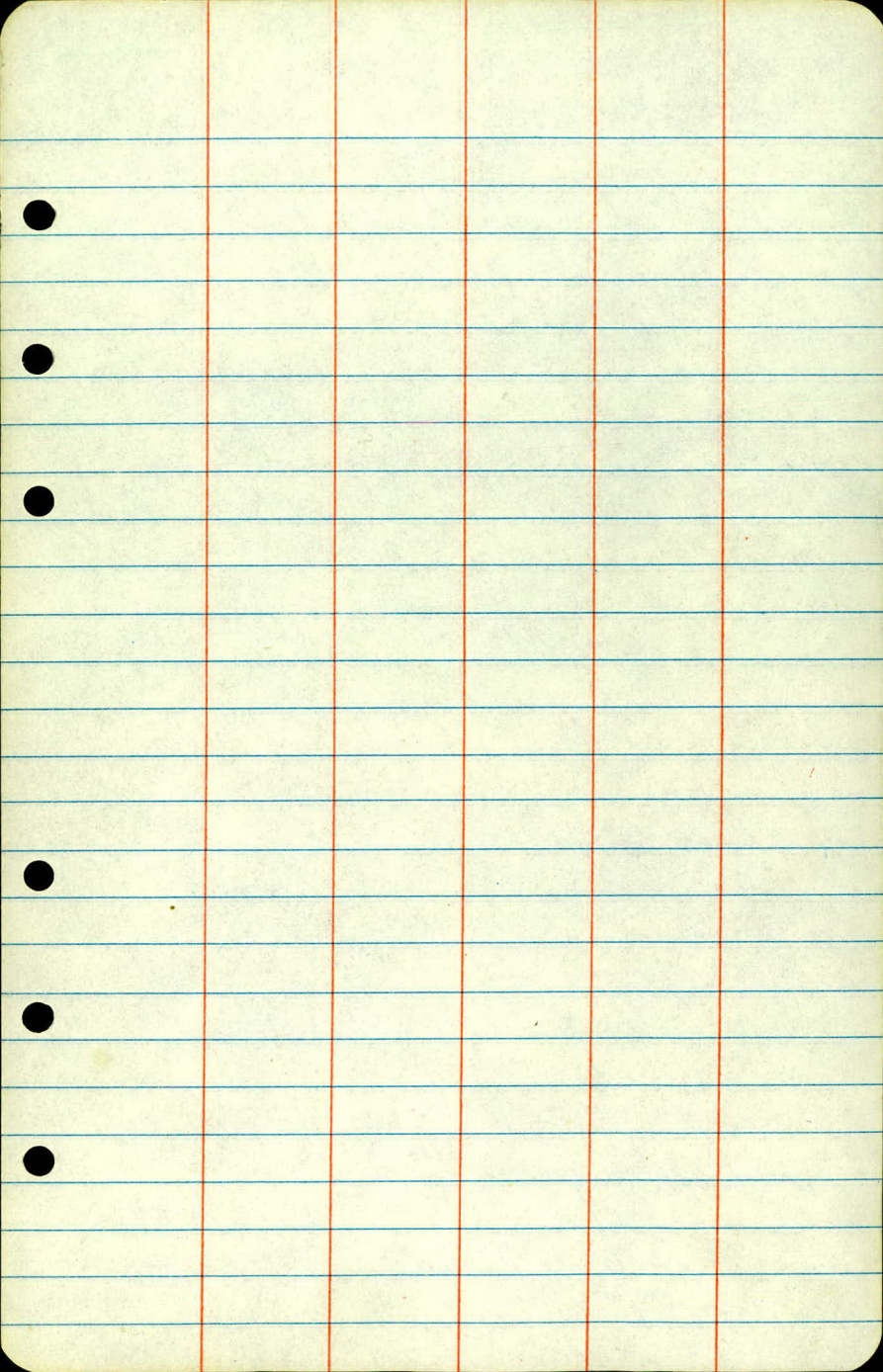
H2

4.08



2.4





+ 44 ϕ edge C Bas 12.2

+ 46.5 cor. C Bas - 1/11

+ 43.7 cor C Bas - 12.5

+ 23.3 MH - 4.5

- 12 MH - 22

8" rock
over Conc.

opening

Elev. 857.14

2.4'

2'

1'

15" conc

18" CM

Elev Top = 57.13

18" FL = 50.98

36" FL = 50.73

18" FL = 51.03

opening

3'

Elev. 858.30

2'

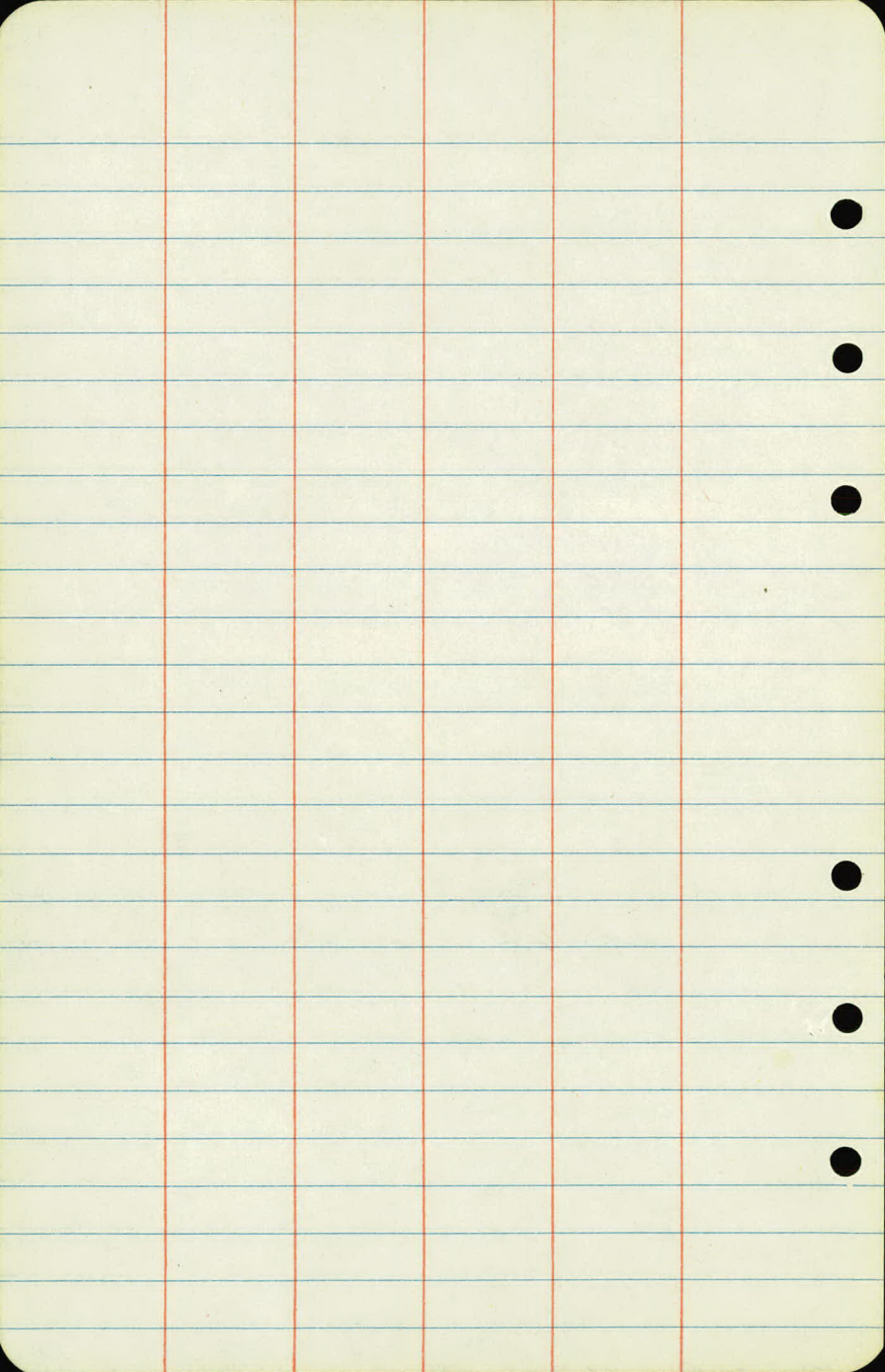
4.2

24" conc

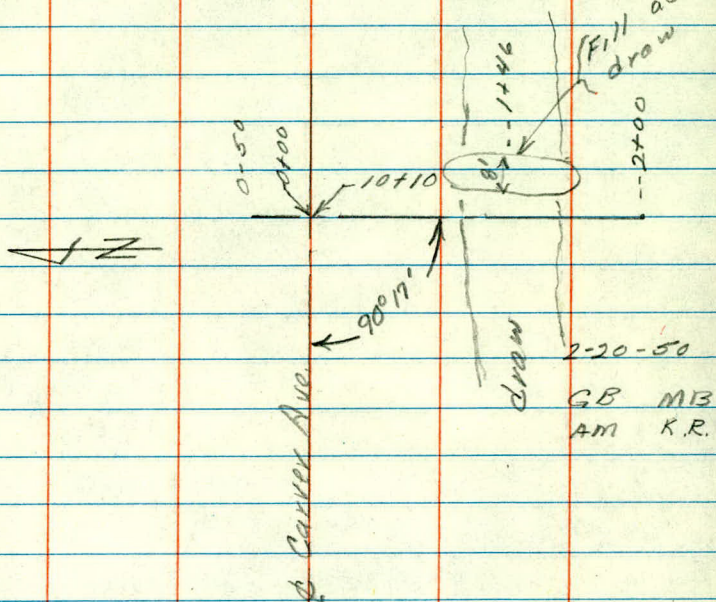
MT

36" conc

MT



Carver Ave
 Profile for Storm Sewer
 Rt @ Sta 10+10 ("A" Line)



Sta	+	π	-	Elev
B.M.	10.59	953 77 [✓]		943.18

0-50				50.8
------	--	--	--	------

-29				48.5
-----	--	--	--	------

-04				46.1
-----	--	--	--	------

0 + 00				45.5
--------	--	--	--	------

+05				44A
-----	--	--	--	-----

+75		edge Conc.		44.0
-----	--	------------	--	------

+14				44.3
-----	--	--	--	------

+21.4				44.2
-------	--	--	--	------

+26				44.7
-----	--	--	--	------

+33				45.2
-----	--	--	--	------

+50				45.6
-----	--	--	--	------

+65				44.2
-----	--	--	--	------

£

Sta 10+00 (T Line)

3.0

5.3

7.7

8.3

9.4

9.80

9.53

9.64

9.1

8.6

8.2
7.9

9.6

Sta + π - Elev

953.77

0 + 83 Top Boulder Retainer

TP 0.88 943.18 11.47 942.30

old TP. 0.60 942.58 (942.58)

+ 87 Bottom Boulder Retainer

1

+ 26

+ 46 Bottom of Draw.

+ 46 5' West (toe of fill)

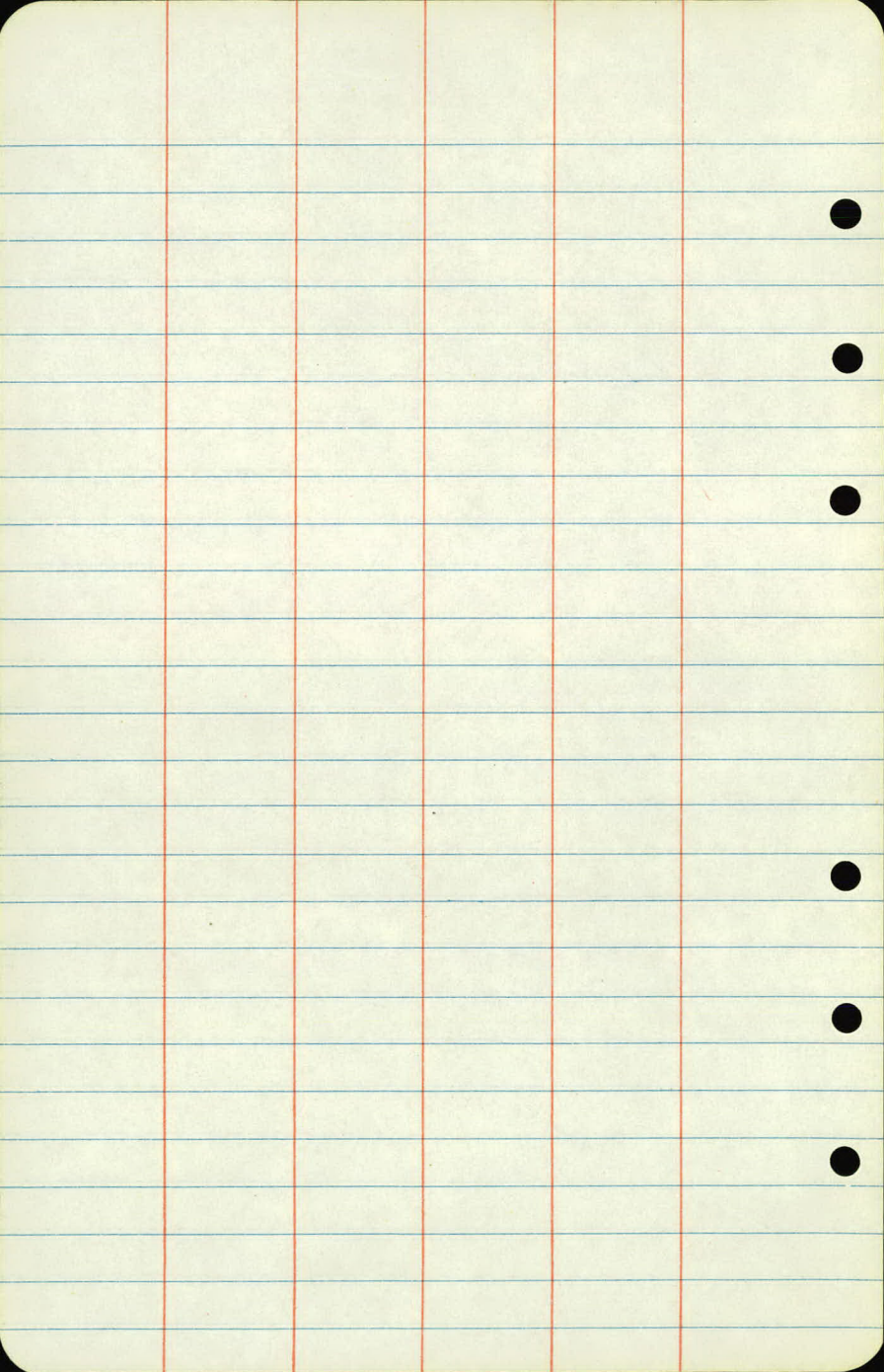
43.4
10.4

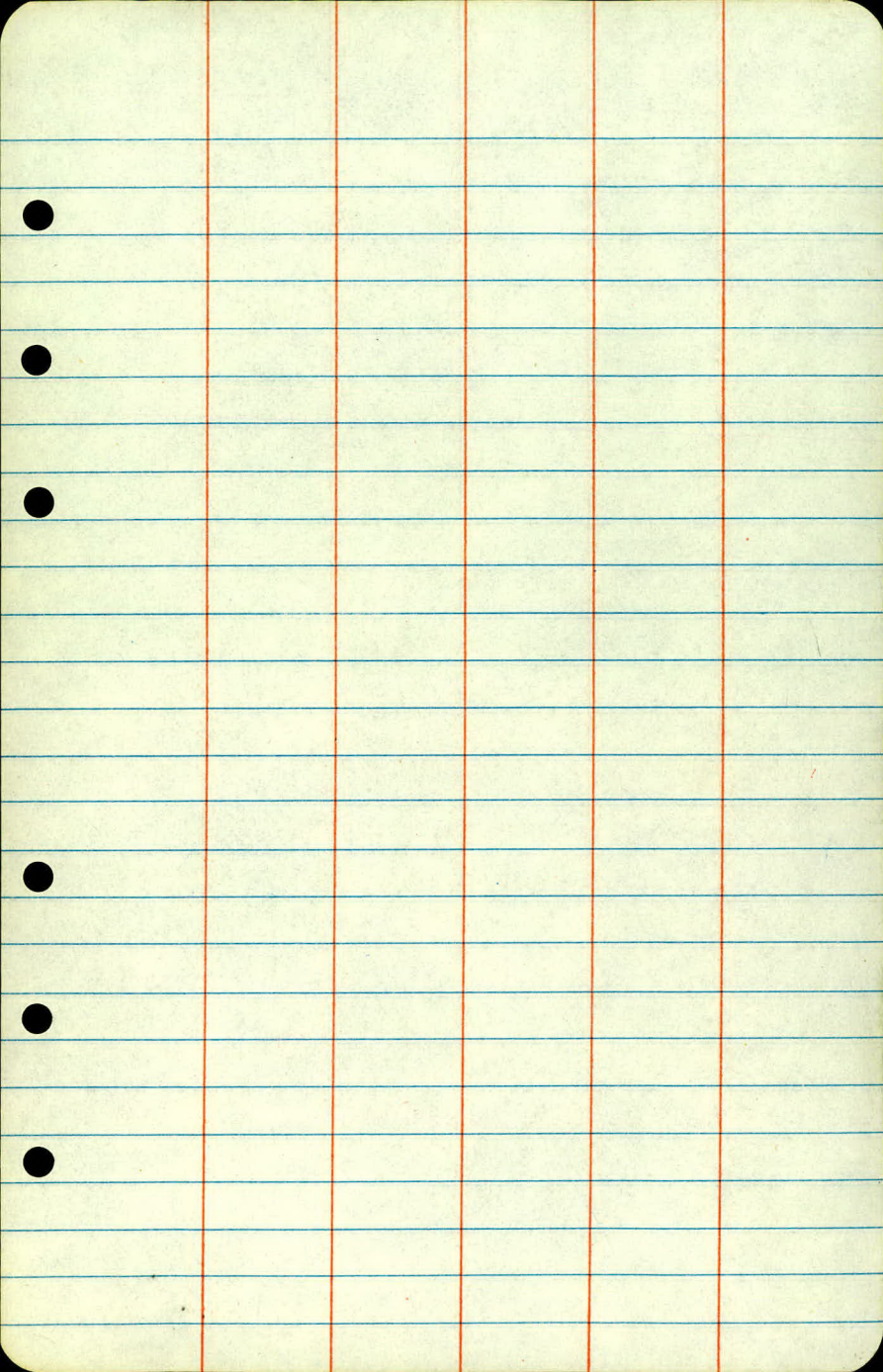
40.1
3.1
~~5.6~~ 37.6
5.6

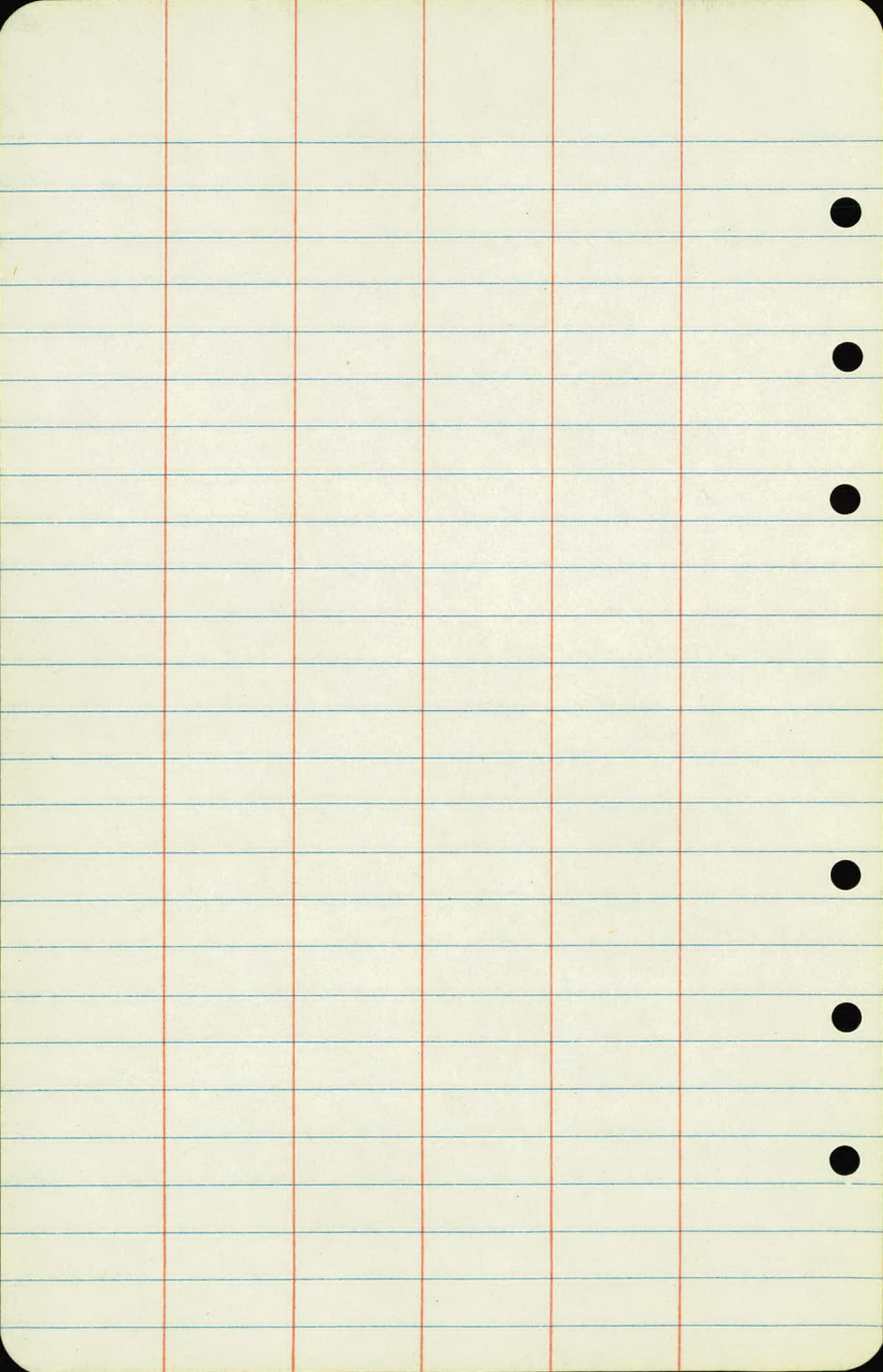
31.5
11.7

30.2
13.0

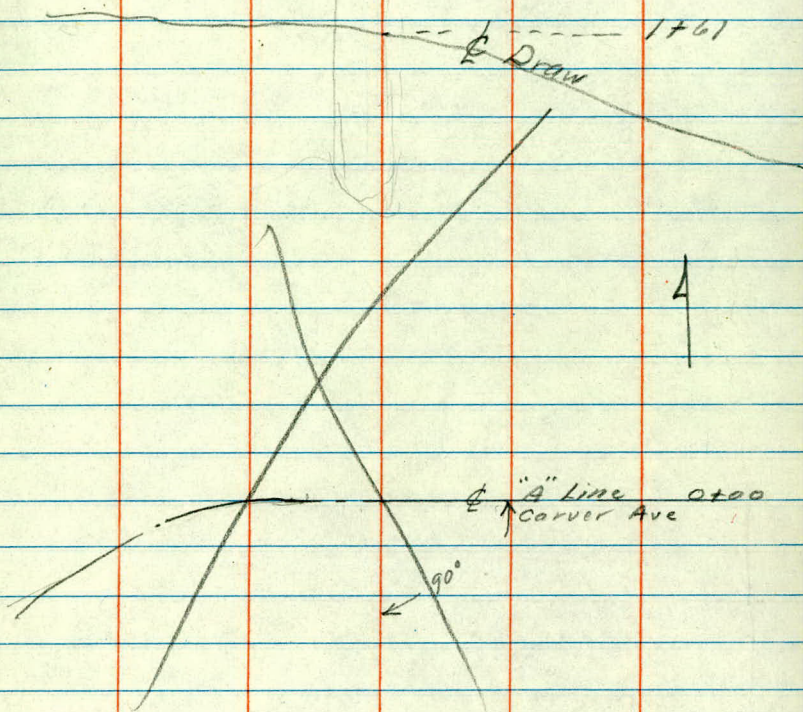
26.2
17.0







Profile of Line
Rt @ Sta 10+15



2-16-50

Sta	+	π	-	Elev
BM	10.13	953.31		943.18
0+00				459
- 23				475
- 40				494
- 50				50.8
00				
0+1.5				455
+ 04				44.6
+ 6.9		edge cone		440
+14		Approx $\frac{1}{2}$		444
+21.2		edge cone		44.2
+28				448
+50				454
+18				446

Sta 10+00 (T Line) Top Conc.

7.4

5.8

3.9

2.5

1.8

8.7

9.29

8.95

9.12

8.5

7.9

8.7

Sta	+	π	-	Elev
		953.31		
0	+82			42.9
		0.55	943.13	10.73 942.58
	+88			40.2
1				37.3
	+25			31.7
	+44			27.9
	+61	ϕ Draw		25.8
	+83			27.4
2	+00			30.4

Q

10.4

2.9

5.8

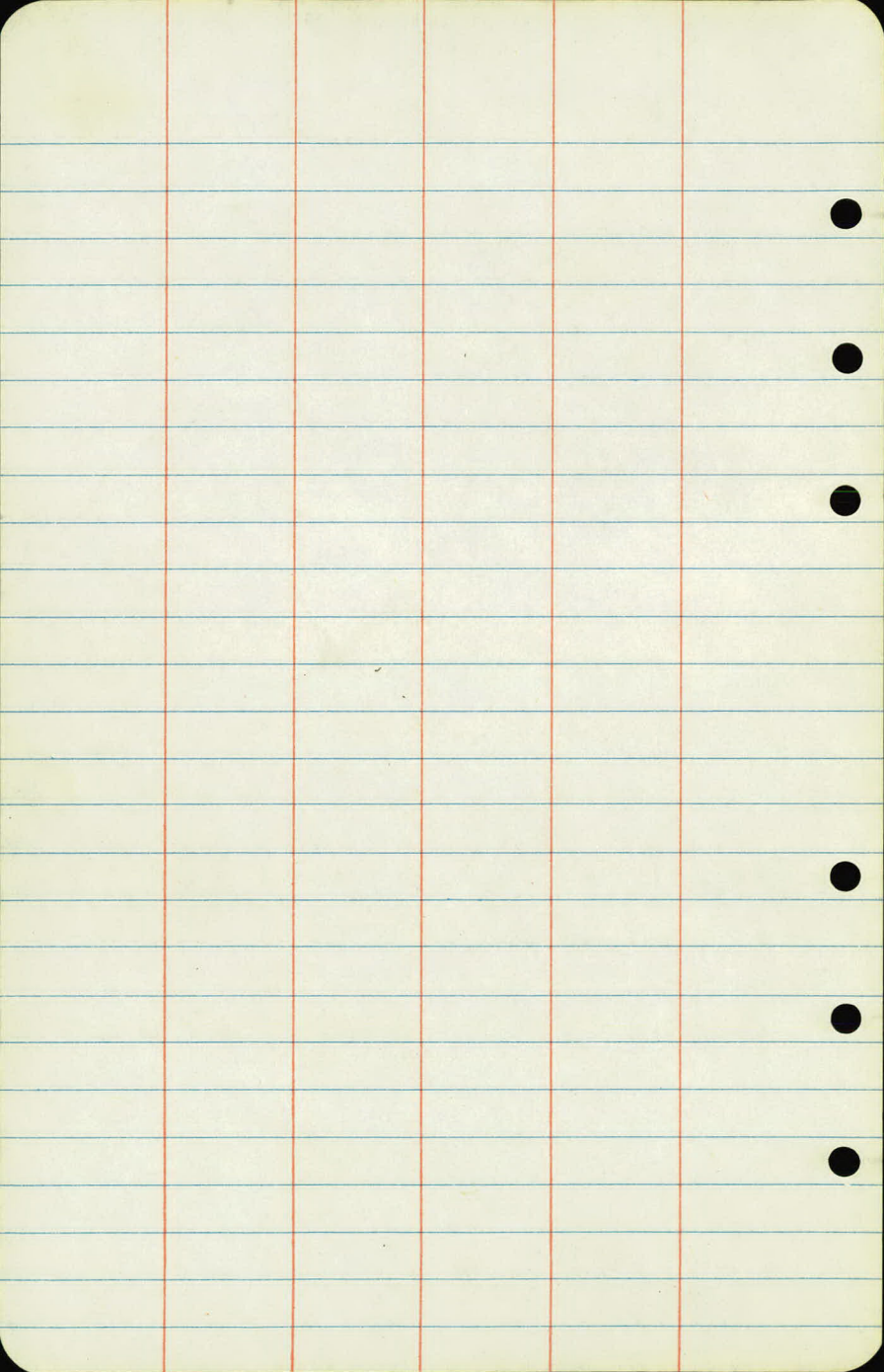
11.4

15.2

17.3

15.7

12.7



Carver Ave

Topography - Adjacent to N edge
of pavement, $\frac{1}{4}$ South of $\frac{1}{4}$ line

"A" Line

3-20-50

GB
AM
MB
K.R.

Rec 3-21-50
L.L.

+20 PP - 31.5

+86 7-4" BE - 5'
+83 8" BE - 50'
+79 12" Twin Pop - 47'
+70 12" BE - 55'
+50 Twin 10" Pop - 43'
+32 41-4" Pop - 32'
+20 4" Oak - 37'
+10 8" Twin Pop 32'
6" Pop - 27'

+99 PP - 31.5

Note: for those checked (✓)
Alignment gone
Dist. out meas.
from Edge of pave.

+50 12" Elm 28.5 ✓ ^E 21'
+44 8" Twin Elm - 36 ✓ ^E 28'

+25 8" BE - 33.1 ✓ ^E 22'

+88 - 6" Pop 20'

+60 18" BE - 25.4

+29 36" BE - 23'

+17 18" BE - 22.5

+02 15" BE - 18'

+47 12" BE 28.5

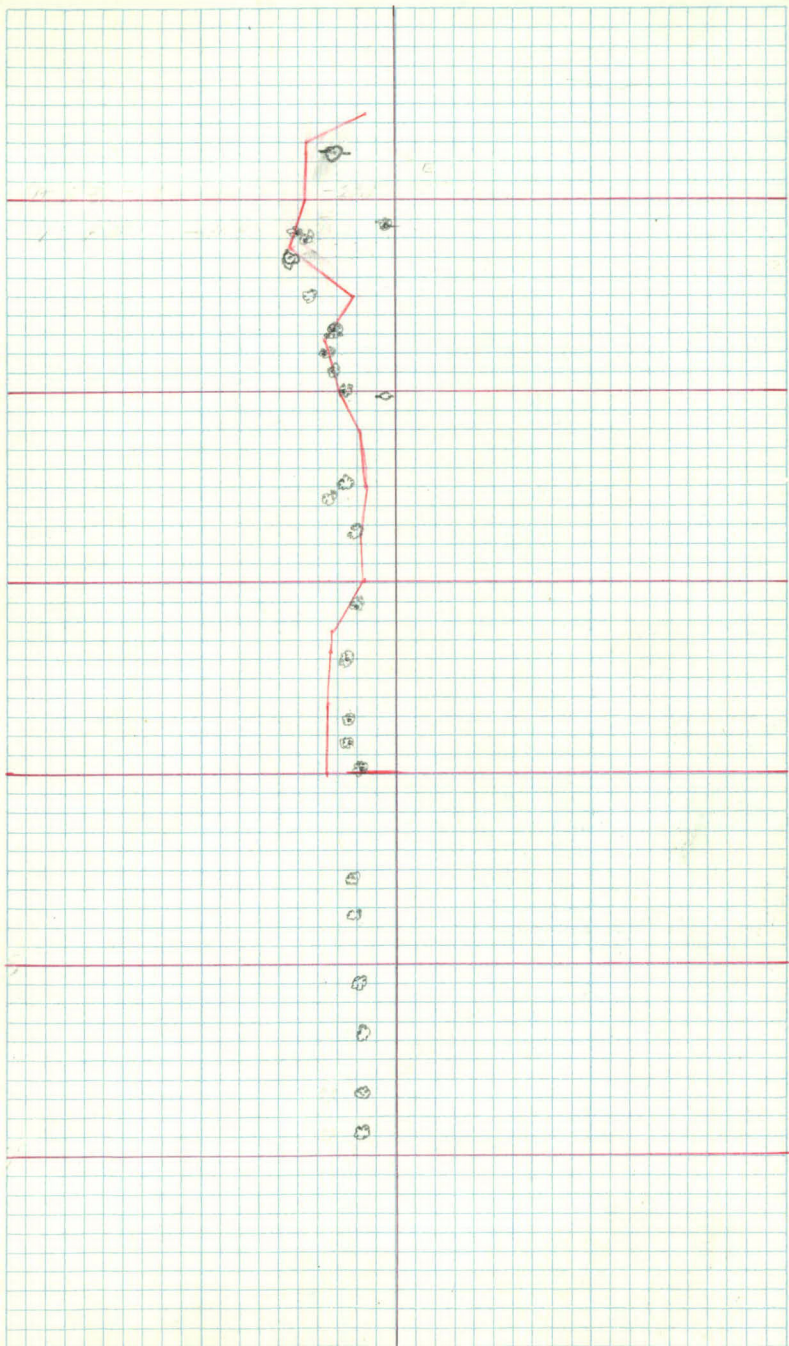
+27-24" BE - 21'

+89 15" BE - 19.7

+64 12" BE - 18

+34 12" BE - 18'

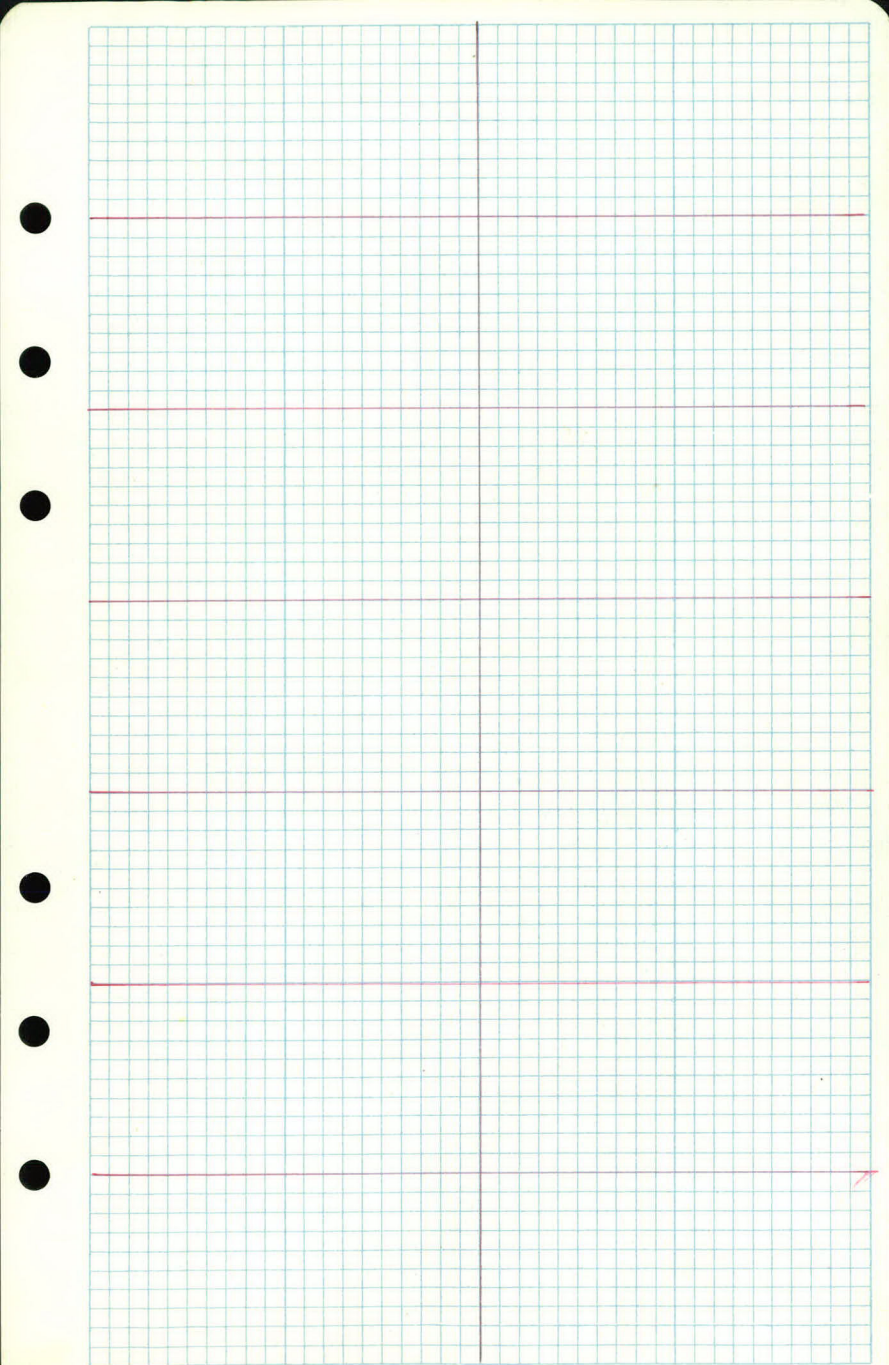
+11 36" Elm - 18'

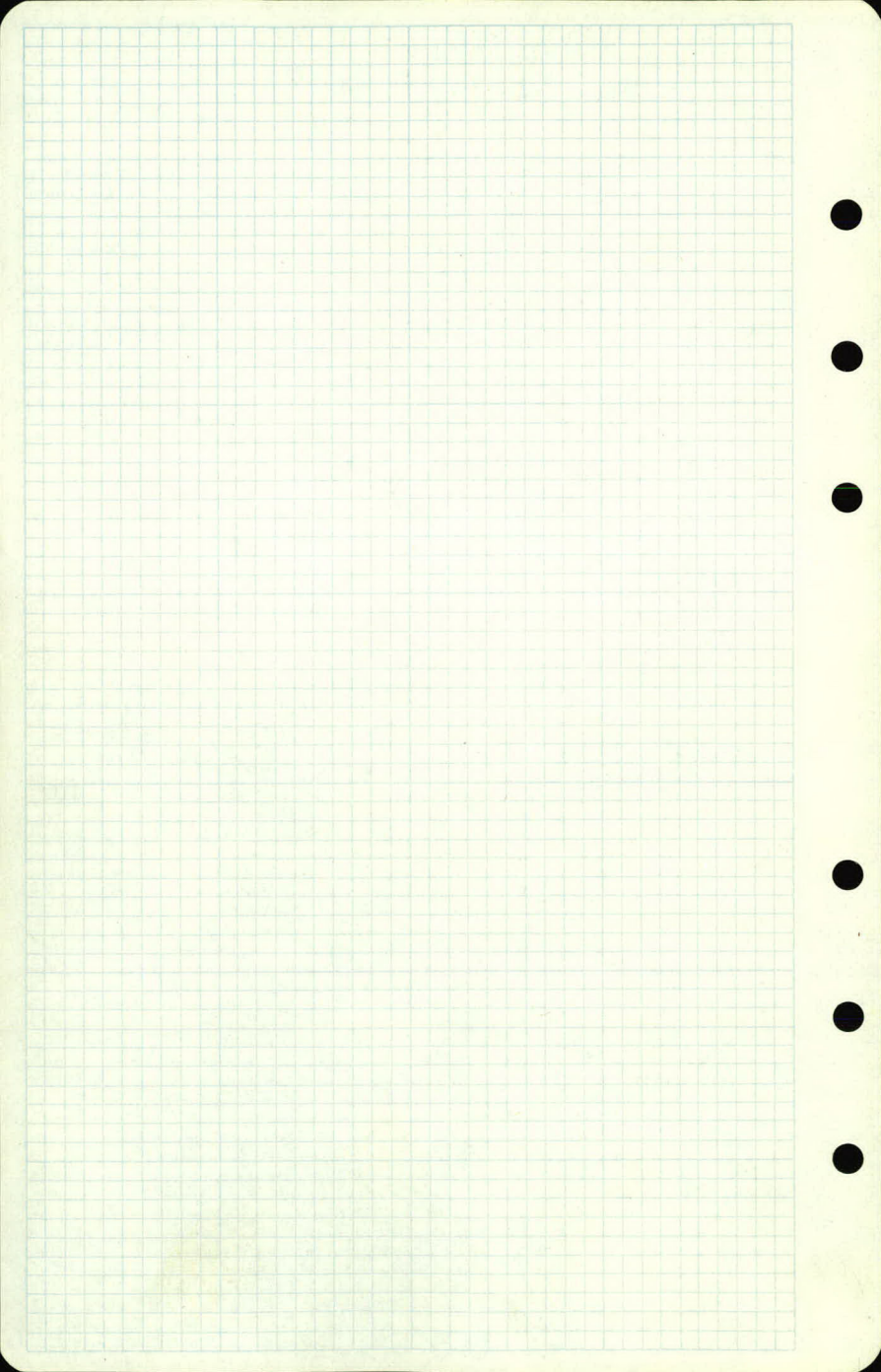


8

+ 23 - 10" Turn Pop - 22.1⁴

7 + 00 - PP - 11.4





Carver Ave.

Deebach Rd Gravel Pit

Sta	+	π	-	Elev
0	+00	= Sec Line		2.3
	+50			4.0
1				5.2
	+50			
2				
	+50			
3				
	+50			
	+78	= Test hole		
4				
	+50			
5				

L

E

E

63
N.G.

59

55
N.G.

31

30
N.G.

34

43
N.G.

73

54
N.G.

130

85

5' clay
1' gravel
+ sand

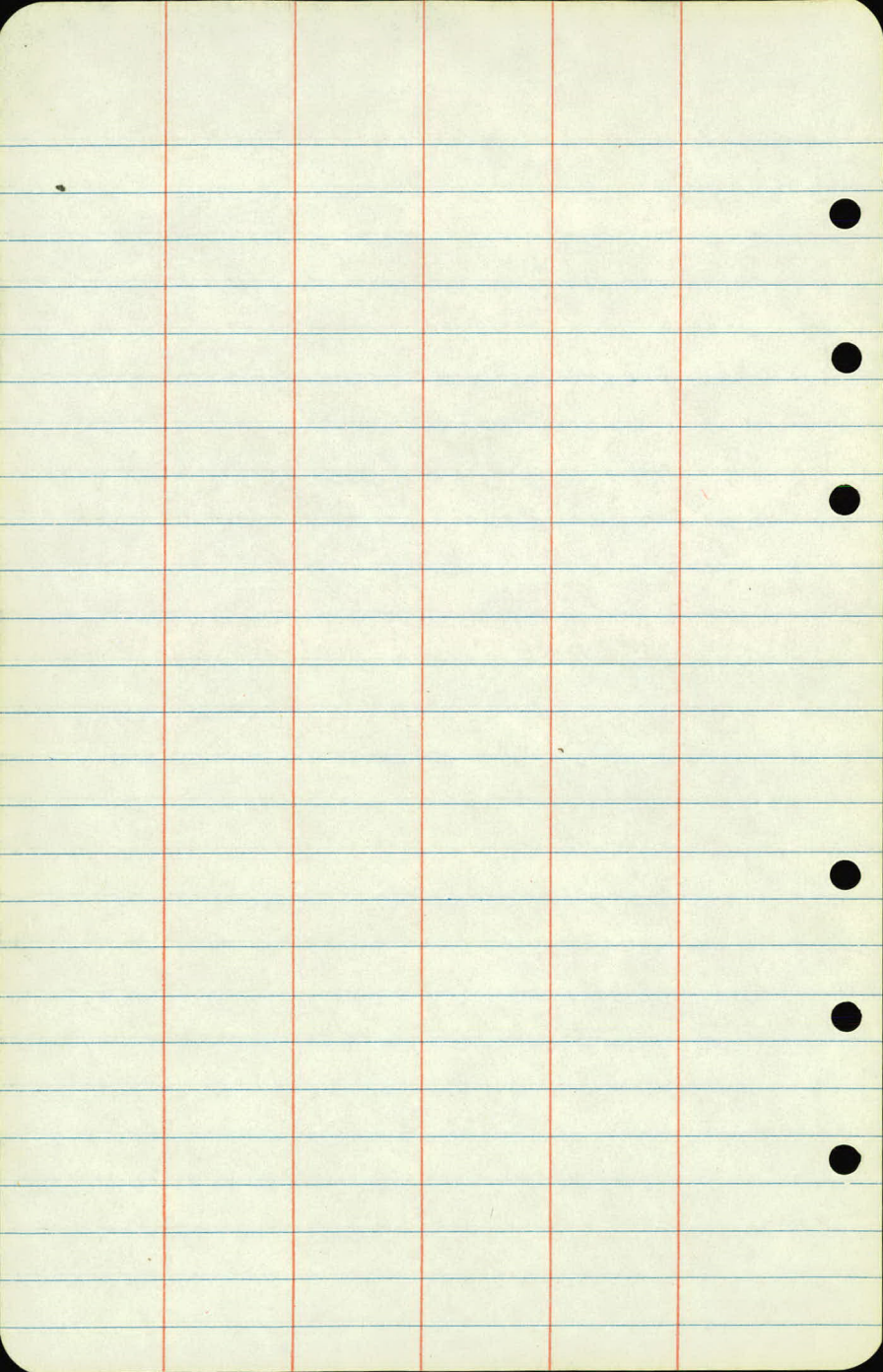
162

11.1
N.G.

194

27.6
77

85, 3



CARVER AVE.

Location Survey

Traverse, "T" Line

Alignment Page 2-4

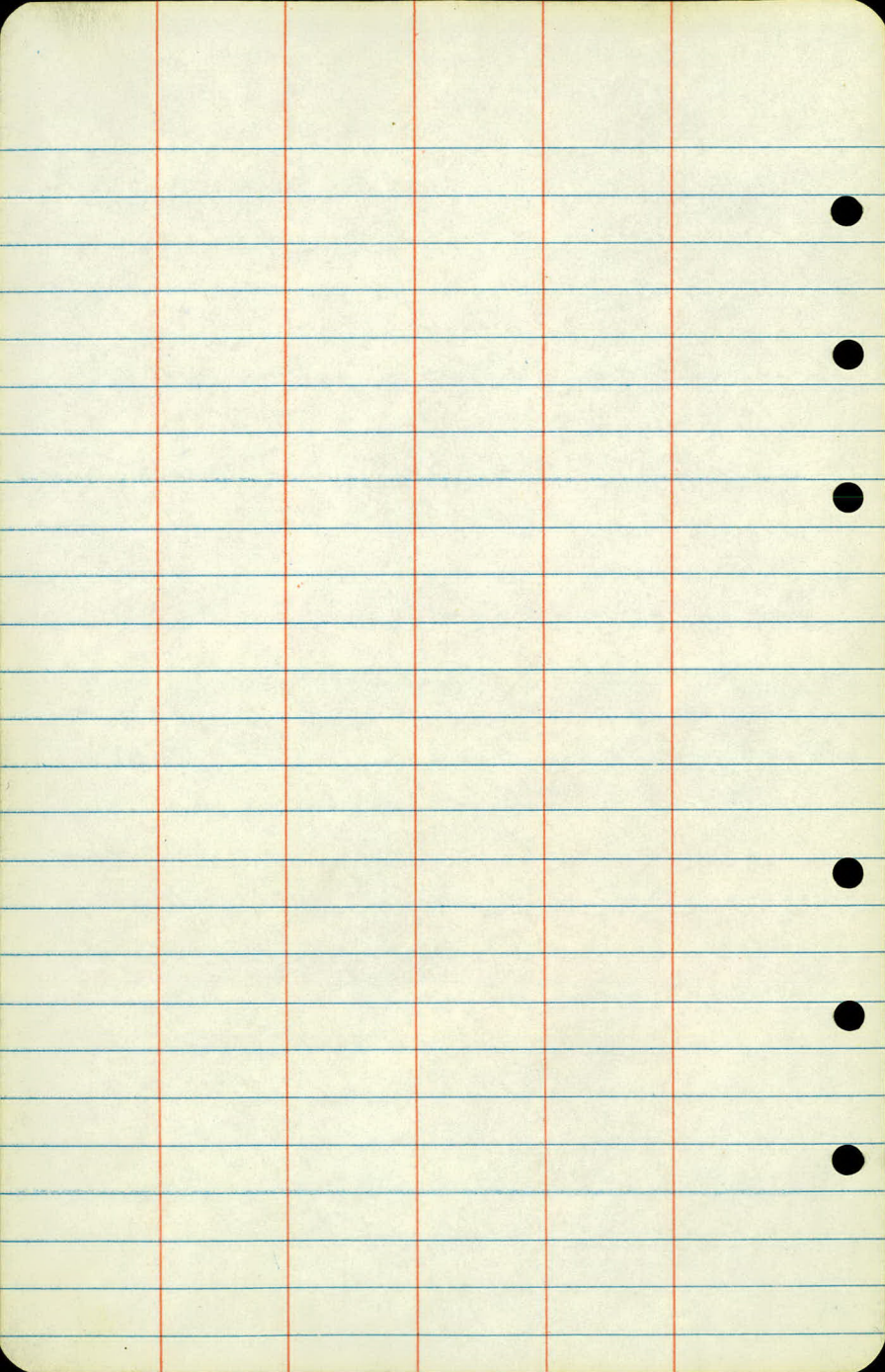
Topography " 5-8

Stadia " 9-14

Bench Levels & Profile 15-19

X Sections Sta's 4 to 7 20-22

12/2/49



Alignment

Traverse Line of existing Road

11-30-49

GB
AM
MB
BC

T Line

Sta

Pt

Alt

Lat

7+50.63

12°42'

5+66.50

PI

40°49½'

4+49.67

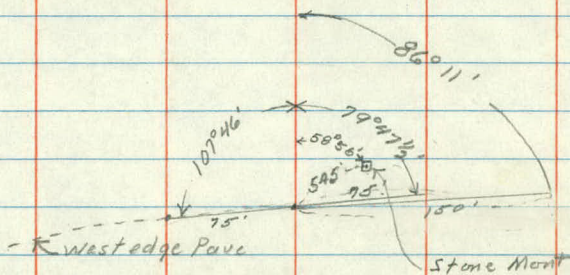
PI

34°53½'

0+00

PI

= { West edge pavement
Pt Douglas Rd. or
old Hwy #61



T Line

Sta

Pt

LLT

LRt

13+94.85

PI

1°34'

East City Limits

8+93.40

PI

16°18½'

Topography
taken from "T" Line

11-30-49

G.B.
AM
MB
B.C.

5

68 7.2

Fe 19, 10" oak - 25'

- +97 - 3'-12" pop - 26'-43' & 70'
- +80 3'-6" elm - 55'
- +73 6" Pop - 47'
- +71 6" Pop - 47'
- +56 - 3" BE 29'
- +55 - Stump - 83'
- +50 4" oak - 27'
- +47 10" Pop - 43'
- +40 Road - 5'
- +30 Road - 6'
- +33 Twin Elm - 34'
- +19 - 6" Elm - 43'
- +10 15" Elm - 62'
- +15 6" oak - 22'
- +12 10" BE - 29'
- +10 Stump - 21'
- +08 8" BE - 46'
- +01 - 10" Oak - 11'

- +93 - 10" oak 40'
- +91 12" oak - 28'
- +70 Stump - 27'
- +64 Fe Cor 23 (Fore T)
- +50 Fe Cor - 27 (Back T)
- +40 Road - 7'
- +30 Road - 6'

+33 end Cult - 43'

+06 - PP - 21

4

6 6

- +68 10" BE - 19'
- +71 20" BE - 25'

- +41 36" BE - 23'
- +29 18" BE - 23'
- +13 15" BE - 18'

- +03 PP - 22'
- +03 Stump - 18'

3

6 6

- +59 10" BE - 23'
- +40 24" BE - 20'
- +35 Stump - 18'
- +19 4" Elm - 40'
- +06 4" Elm - 40'
- +01 BE - 19'

+41 end Grape Arbor

+25 - Stump - 10'

2

6 6

Grape Arbor 44'

- +92 4" Elm - 34'
- +75 12" BE - 18'
- +71 Stump - 18'
- +46 10" BE - 18'
- +21 36" Elm - 18'
- +20 cor Bldg - 89'

+93 Stump - 10'

+89 PP - 22'

+46 Cor. Grape Arbor - 44'

1

6 6

- +68 end Fe - 22'
- +50 4" Drive - 60'
- +55 C Bas. - 12'
- +49 end Rad - 9'
- +45 Picket Fe - 23'
- +25 Pion Rad - 18'
- +19 Beg Picket Fe - 40'
- +19 4" Drive - 58'
- +18 Beg Rad - 33'

- +77 T.P. 23'
- +56 end Rad - 10'
- +49 PP - 23'
- +59 ctr C Bas'm - 13'
- +48 - 15" Cm - 70'
- +40 Pion Rad - 21'
- +35 NH - 4'
- +35 beg Rad - 46'

0+00

NH - 22' C Bas. 72'

- 04 - end G. Rail - 8'

- 04 end G Rail - 8'

- 08 - end Hedge - 17'

- 02 end Hedge 37'

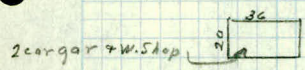
+75	6.3	7.3
+60	3.5	7.8
+49	4	9.7

} Road widths
(Kore Tang)

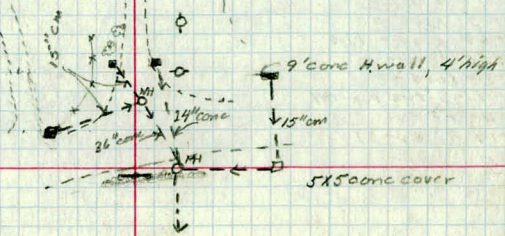
5

+62 6" BE-43

Note: All stumps are old, partly rotten and have 5 to 10 - 1-3" Saplings growing from them



- +60 - 4" Twin Elm -13
- +71 Group 4" BE-9
- +19 C.B. to 15" cm -43



cult.

Grape Arbor

cult.

11 1 13.5 Hedge - 21

+66.5 end Conc Rt & Lt.

+94 Cor Ho 69'
+98 15" Elm - 53'
+89 2nd - 25
+75 2 Ent
+62 15" Elm - 36-56
+63 PP-11'

+76 2 Ent
+68 2nd - 25
+66 Wood Shed 55
+64 20" oak - 56
+57 2 Ent
+53 Cor Gar - 46
+50 Fe cor - 29
+07 X Fe - 22

10

6 8

Fe 22

+75 Fe - 21

+83 Bay Fe. - 23

+34 PP-15

9

5.5 8

Fe - 42'

+95 Bay Cult. - 25

45 ^{PI + 8.4} 8.5 (Fore T.)

+56 4 in Drive - 23

+56 2 Ent.

+35 2 Ent - 35

+17 Twin Pop - 24

+56 Fe cor. X Fe - 27

+53 15" oak - 27

+23 6" Birch - 18

8

7 7

Fe - 26

+95 PP-14

9, +50.63, -41

+36 6" Elm - 36

+25 6" Apple - 34

+17-12 Elm - 40

+10 end Hedge - 29

+11 Cor Ho - 59

7

7 7

Hedge 29

+82 Stump - 21

+66 Stump - 18

+63 5" BE-19

+48 Stump 41

+50 PP-38

+75 Cor. Conc - end Ret W - 7

+68 Cor Conc - 13

+58 2 Drive

+47 Cor Conc 13

+44 Cor Conc - 7

+03 Cor Ho 43

6

7 7

+90 4" BE-20

+75 Road - 10

+66 Road - 13.5

+50 Road - 9.5

+30 Road - 8

+17 8" twin pop - 44

+11 PP - 16

+07 5" pop - 39

+99 Fe cor 25'

+75 Road - 4

+66 Road - 1.5, Fe 50

+50 Road 5.5

+30 Road - 5.5

+30 16" oak - 28

+25 10" oak - 24, 12" oak - 28

5

6.5 7

+35 end cultivation

+75 Road - 3.0
+50 Road - 4.1

+90 6.2
+75 6.3
+60 7.0
+45 7.7
+30 8
+15 9

Road - Fore Tan

Cult.

+93.4 5.0
+87 - 5.7
+75 - 6.6
+60 - 6.5
+45 - 7.0
+30 - 7.3
+15 - 7.1

Road Wid the
Back - 7

+86 Beg 3 Hdg - 23
+95 12" Elm - 32
+95 Stump - 23
+98 cor Ho - 46

Portable Chick Coop
+75 Road - 13.3
+50 Road - 10.2

Broken 45th BW Fe

Road F Tang

+90 - 7.8
+75 - 7.3
+60 - 7.0
+45 - 6.3
+30 - 6.2
+15 - 6.5

4.5 BW Fe

4' W.W. Fe

3' Chick W Fe

Road Back Tang

+93.4 - 9.1
+87 - 8.5
+75 - 7.6
+60 - 7.3
+45 - 7.0
+30 - 7.2
+15 - 7.1

Chicken Coop

+63 1/2 ent
+78 12x10 C.C. - 51
+95 Pecor - 29

Concrete Slab

2' concrete Ret wall 6" wide

Gravel Drive

+65 12" Twin Oak - 48
+69 Ret W - 10
+65 Ret W - 20
+62 Ret W - 51
+72 PP - 16
+79 Beg Hdg - 31

+75 Road 10
+39 12" Twin Rep - 46

4' W.W. Fe

+95 ϕ City Limit Rd

+62 12" Elm - 27

+31 12" Elm - 27

+10 PP - 12'

13 12" Elm - 29

+41 8" Elm - 29

+12 12" Elm - 29

12

+86 PP - 15

+50 15" Elm - 30'

+32 8" Hedge - 19

+31 12" Elm - 32'

+20 8" Apple Tr - 55

+03 24" BE - 13

11

+87 ϕ Drive

+33 4" oak - 28

+41 12" oak - 57

+30 cor Ho - 63'

+30 12" oak - 39

0 ϕ 17

+73 ϕ Ent

+60 Beg Row Boulders S - 31

+60 PP - 30'

+36 ϕ Ent

+22 turn 8" oak - 39

+17 turn 8" Birch - 56

+10 30" oak - 29

1 ϕ 20

+82 cor Ho - 68'

+75 W Oak 12" - 33

+41 15" Birch - 63

+41 R Bush - 27

+22 cor Ho 46

+30 cor Hedge - 23

+30 12" oak - 34

+12 24" oak - 34

Resident Entrance

20' x 15' CM-C - 18'

$$\begin{array}{r}
 95 \\
 +95 \quad 15' \times 20' CM \\
 \hline
 191
 \end{array}$$

 158
 41

4 to 5' dia

+ 89 24" oak - 37

+ 90 24" oak - 33

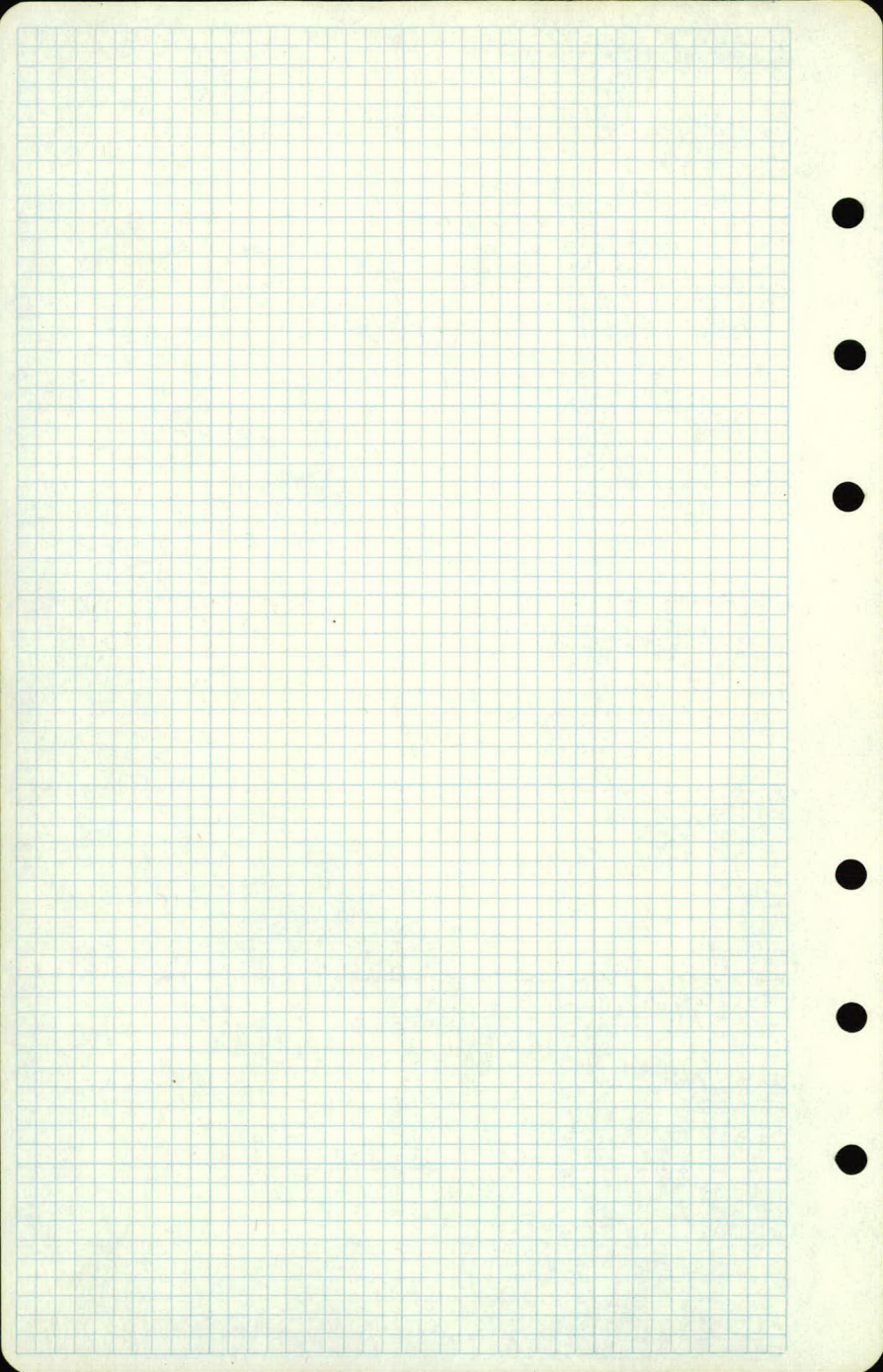
+ 50 Road - 1 & 19

 158
 24

12" oak - 37

+ 50 Road - 00

+ 50 Road 17



DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

CARVER AVE

Stadia Topography

12-1-49

GR.
AM.
MR.
BC.

OBJECT

AZ.

STADIA

π @ Sta 10 "T" Line

To PI at City Limits = $90^{\circ} 00'$

To Δ #1 $272^{\circ} 15'$

G. E. EDGE RD 263°

" " " $266^{\circ} 10'$

" " " $269^{\circ} 10'$
 $169^{\circ} 50'$

" " " $274^{\circ} 40'$

" " " $280^{\circ} 20'$

" " " $283^{\circ} 50'$

" " " $280^{\circ} 10'$

" " " $277^{\circ} 20'$

" " " $274^{\circ} 50'$

" " " $283^{\circ} 40'$

" " " $287^{\circ} 10'$

" " " $297^{\circ} 30'$

" " " $299^{\circ} 10'$

" " " $320^{\circ} 20'$

" " " $317^{\circ} 10'$

" " " $277^{\circ} N$

" " " $274^{\circ} 20'$

" " " 270°

" " " $270^{\circ} 10'$

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
HI = 859.82					
HI = 5.52					
395			No Rod R.		854.30
296			4.45		855.37
228	-2° 30'	-9.9	12.8	22.7	837.1
172	-2° 30'	-7.5	10.0	17.5	842.3
130	-2° 30'	-5.7	8.0	13.7	846.1
131			9.6		850.2
132			3.1		856.7
163			1.0		858.8
184	+1°	+3.2	2.6	+0.6	60.4
233	+1°	+4.0	0.0	+4.0	63.8
273	+1°	+4.8	2.4	+2.4	62.2
285	+3°	+14.9	9.9	+5.0	64.8
240	+3°	+12.6	4.6	+8.0	67.8
217	+3°	+11.3	0.2	+11.1	70.9
163	+3°	+8.5	7.2	+1.3	61.1
223	+4°	+15.5	0.5	+15.0	74.8
265	+4°	+18.4	6.0	+12.4	72.2
154			13.1		46.7
225			7.6		52.2
200			9.1		50.7
263			4.9		54.9

OBJECT

AZI

STADIA

ATA #1

To-STA 10 ("T" Line)

92° 15'

G. E

TOE

351° 50'

"

"

356° 40'

"

N. E COR HO.

338° 55'

"

S. E " "

327° 25'

"

S. W " "

314° 55'

"

293° 20'

"

288° 50'

DIST.	VERT. ANGLE	ROD EQUIV	ROD	DIFF.	ELEV.
-------	----------------	--------------	-----	-------	-------

H.I. 860.59

H.I. = 5.22

855.37

295

6.29

854.30

27

5.5

55.1

125

2.8

57.8

107

4.2

56.4

73

4.7

55.9

88

4.6

56.0

109

6.1

54.5

22

5.5

55.1

Stadia Check.

OBJECT

AZI

STADIA

TA @ A#1

to Sta. 10 ("Line")

92°15'

PI 8+93.40

93°30'

PI 7+50.63

134°18½'

Edge conc. & Ent

96°10'

Apt & Ent. 14' width

90°00'

" " " " 14' "

90°40'

" " " " 10' "

91°10'

" " " " 10' "

93°30'

" " " " 10' "

357°14'

" " " " 10' "

343°50'

" " " " 10' "

351°40'

" " " " 10' "

346°50'

" " " " 10' "

334°05'

" " " " 10' "

337°50'

SE Cor Gar } 24' Deep

NE Cor Gar }

NE Cor Ho.

339°00'

SE " "

327°20'

SW " "

314°40'

12-15-49

GB BC

MB S.G.

12

DIST

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

HI = 5.35

854.30

294'

6.50

854.30

189'

12.7

76

No

153'

16.0

✓

143'

14.7

✓

126'

13.7

✓

82'

9.4

✓

35'

6.4

✓

15'

5.6

✓

52'

4.6

✓

102'

3.2

✓

146'

3.2

✓

157'

3.1

✓

174'

3.1

✓

108'

4.3

✓

73'

4.4

✓

90'

4.7

✓

OBJECT

AZI

STADIA

DIST.

VERT.
ANGLEROD
EQUIV.

ROD

DIFF.

ELEV.

Location of Draw
South of Carver Ave

12-28-49

GB

AM

MB

S.G.

OBJECT

AZI

STADIA

π @ Sta 10 ("T" Line)
 to P.I. at City Limits
 To $\Delta^{\#} 2$

90°00'

200°49'

π @ $\Delta^{\#} 2$

To Sta 10

20°49'

⊥ Draw

111°00'

✓

"

165°30'

✓

"

205°30'

✓

"

224°00'

✓

"

241°30'

✓

246°50'

✓

π @ 0+12

To P.I. @ 4+50 ("T" Line)

90°00'

⊥ Draw, end of Draw, Fence

114°20'

⊥ Draw

112°10'

DIST.	VERT. ANGLE	ROD EQUIV.	ROD	DIFF.	ELEV.
-------	----------------	---------------	-----	-------	-------

83'

83'

126'

90'

110'

154

240'

313'

480'

550

OBJECT

AZ.

STADIA

Lt

¢

Rt

Carver Ave

¢ Profile

"T" Line Stationing

Rec

12/21/49

12-19-49

Sta	+	π	-	Elev
BM	0.35	955.06		954.71
	0.14	941.84	13.86	941.70
	0.56	929.05	13.35	928.49
	0.38	915.68	13.75	915.30
	0.57	902.72	13.53	902.15
	0.10	889.24	13.58	889.14
	0.44	876.25	13.43	875.81
	2.80	866.06	12.99	863.26
BM			9.86	856.20
0+00				55.83
1				60.4
TP	13.29	878.89	0.46	865.60
	13.23	877.86	0.26	878.63
2				67.01
3				74.94
T.P.	13.23	891.86	0.26	878.63

Lt.

E

Rt.

Spk in PP 26' Lt @ 16' E of city limits (RR Spk facing Road)

Top. Mast.

10.23

5.7

11.88

3.95

Sta.	+	π	-	Elev.
------	---	-------	---	-------

891.86

4+80

84.68

+50

90.4

T.P

13.40

904.87

0.39

891.47

4+90

95.44

5

96.60

+17

98.72

+17

+45

02.21

12.51

917.31

0.07

904.80

+80

05.91

6

08.26

Lt.

£

Pt.

7.18

1.5

9.43

8.27

6.15

2.66

11.40

9.05

Sta.	+	π	-	Elev.
		912.31		

+33				11.91
-----	--	--	--	-------

+66				15.43
-----	--	--	--	-------

T.P.	13.62	930.43	0.50	916.81
------	-------	--------	------	--------

7				18.7
---	--	--	--	------

+50				24.0
-----	--	--	--	------

8				28.5
---	--	--	--	------

T.P.	13.01	943.36	0.08	930.35
------	-------	--------	------	--------

+42				32.54
-----	--	--	--	-------

+65				35.26
-----	--	--	--	-------

Lt.

4

Rt.

5.4

1.88

11.7

6.4

1.9

10.82

8.70

Sta. + π - Elev.

943.36

8 +77

35.7

9

37.41

+58

41.8

10

43.18

TP

12.34755.52

0.18

943.18

11

45.67

12

48.09

13

52.2

+9485

city Limits

BM

0.86

954.66

Lt.

2

Rt.

2.7

5.95

1.6

0.18

9.85

7.43

3.3

Spk in PP -26' Lt., @ city limits +16'

Sta.

+

π

-

Elev.

CARVER AVE.

Typical X-Sections

"T" Line Stationing

Hand Level, "Tör" - " from ϕ

12-19-49

G.B.

A.M.

B.C.

S.G.

Sta.	+	↑	-	Elev.
------	---	---	---	-------

4+00				
------	--	--	--	--

4+50				
------	--	--	--	--

+90				
-----	--	--	--	--

				-136 50
--	--	--	--	------------

5.				
----	--	--	--	--

				-7.6 50
--	--	--	--	------------

+45				
-----	--	--	--	--

+80				
-----	--	--	--	--

				Ground at Ho + 6.0 45
--	--	--	--	-----------------------------

6+33				
------	--	--	--	--

666				
-----	--	--	--	--

				Profile driveway Rt
--	--	--	--	---------------------

Rt.

Lt.
Rt.

$$\begin{array}{r} -9.2 +0.8 -0.2 \\ 50 \quad 13 \quad 8 \end{array} \quad \begin{array}{r} -0.2 -0.8 +1.4 \\ 6 \quad 7 \quad 13 \end{array} \quad \begin{array}{r} -8.0 +5.9 +4.0 \\ 28 \end{array} \quad \begin{array}{r} 34 \\ 40 \end{array} \quad \begin{array}{r} 71 \\ 71 \end{array} \quad \checkmark$$

$$\begin{array}{r} -10.6 +6.7 +1.4 -0.1 \\ 50 \quad 35 \quad 16 \quad 10 \end{array} \quad \begin{array}{r} -0.1 -0.4 +3.3 +3.4 \\ 7 \quad 8 \quad 17 \quad 33 \end{array} \quad \begin{array}{r} +5.4 +14.2 \\ 37 \quad 76 \end{array} \quad \checkmark$$

$$\begin{array}{r} -11.6 +26.00 \\ 42 \quad 17 \quad 10 \end{array} \quad \begin{array}{r} -0.1 -0.7 +2.4 +5.4 +6.4 \\ 7 \quad 8 \quad 9 \quad 16 \quad 31 \end{array} \quad \begin{array}{r} +19.2 +29.5 \\ 38 \quad 5.2 \end{array} \quad \begin{array}{r} 100 \\ 100 \end{array} \quad 5.5. \quad \checkmark$$

$$\begin{array}{r} -5.6 +2.7 +0.3 \\ 41 \quad 18 \quad 11 \end{array} \quad \begin{array}{r} 0.50 +3.0 +12.5 +7.5 +7.5 \\ 708 \quad 17 \quad 34 \quad 38 \quad 45 \end{array} \quad \begin{array}{r} +10.9 +10.9 +22.9 \\ 62 \end{array} \quad \begin{array}{r} 133.8 \\ 100 \end{array} \quad \checkmark$$

$$\begin{array}{r} 17.7 +1.8 -0.2 \\ 50 \quad 19 \quad 10 \end{array} \quad \begin{array}{r} 0.0 -0.8 +2.0 +3.0 +5.4 +18.9 \\ 7 \quad 9 \quad 15 \quad 21 \quad 24 \end{array} \quad \begin{array}{r} +13.0 +24.4 +31.3 \\ 58 \end{array} \quad \begin{array}{r} 86 \\ 52 \end{array} \quad \begin{array}{r} 120 \\ 60 \end{array} \quad \checkmark$$

$$\begin{array}{r} +6.7 +5.5 +0.3 \\ 50 \quad 22 \quad 12 \end{array} \quad \begin{array}{r} -0.1 -0.6 +0.4 +5.0 \\ 7 \quad 9 \quad 12 \quad 48 \end{array} \quad \begin{array}{r} 9.8 +7.6 +13.8 +13.8 +30.1 +34.4 \\ 63 \quad 68 \quad 74 \quad 94 \quad 130 \end{array} \quad \checkmark$$

$$\begin{array}{r} +5.7 +2.5 0.0 \\ 23 \quad 16 \quad 10 \end{array} \quad \begin{array}{r} -0.1 -0.5 +2.6 +21.6 +22.6 +20.4 +20.4 \\ 8 \quad 11 \quad 22 \quad 48 \quad 55 \end{array} \quad \begin{array}{r} 64 \quad 73 \quad 80 \quad 100 \end{array} \quad \begin{array}{r} 31.8 \\ 32.4 \end{array} \quad \checkmark$$

Ground @
House

$$\begin{array}{r} +1.7 -0.3 \\ 50 \quad 10 \end{array} \quad \begin{array}{r} 0.0 +1.3 +4.0 +21.4 +22.5 +28.7 \\ 9 \quad 15 \quad 23 \quad 45 \quad 54 \quad 66 \end{array} \quad \begin{array}{r} 29.4 \\ 100 \end{array} \quad \checkmark$$

Sta.	+	π	-	Elev.
------	---	-------	---	-------

7+00

+ 50

8

+ 6.1
50

+ 42

20 + 7.3
40

+ 65

+ 8.9 + 7.7 + 6.0
50 38 20

+ 77

+ 2.0 + 7.6
50 42

9

+ 56 + 58

+ 2.5 + 5.5
70 50

Rt.

Lt.
Rt.

22

Ground @ Ho.

+5.0	+4.4	-0.1	-0.2	+1.9	+4.5	+13.9	+25.4	+25.2	+31.8	+33.1
50	21	10	7	13	25	46	52.0	78	90	110

+1.2	+1.2	-0.2	-0.1	-0.3	+1.7	5.4	19.1	18.8	30.0	31.4
47	17	10	7	9	13	21	38	56	70	100

+6.9	+1.1	+0.3	0.0	+0.3	+5.4	+11.5	+11.4	+23.9	+29.5	+32.0
22	21	11	7	10	20	30	49	62	100	125

+6.8	+2.0	0.0	0.0	+2.1	+4.0	+16.3	+18.8	+23.6	55
23	15	10	8	17	39	50	70	100	

+2.2	-0.1	0.0	+0.2	+1.2	+12.4	+16.5	+21.0
16	10	7	16	29	45	85	100

+6.5	+2.3	-0.1	-0.1	+9.7	+14.3	55
22	16	9	9	32	85	

+7.9	+0.9	-0.1	-0.1	+23	+3.8	+5.1
29	17	11	8	13	29	73

Sta.

+

π

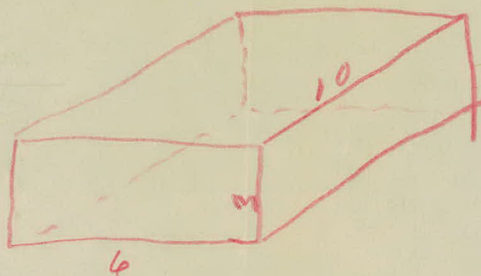
-

Elev.

Water Tank

Dimensions

Outside Dimensions
of Water tank



$$\begin{array}{r} 180 \\ \times 7.5 \\ \hline 900 \\ 1260 \\ \hline 1350.0 \text{ gal.} \end{array}$$